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OU4 Solar Evaporation Ponds Interim Measure/Interim Remedial Action Environmental Assessment Decision Document

U.S. Department of Energy
Rocky Flats Plant
Golden, Colorado

May 1994

Revision: Draft Proposed

Part II
Volume 8 - Appendices W through Z

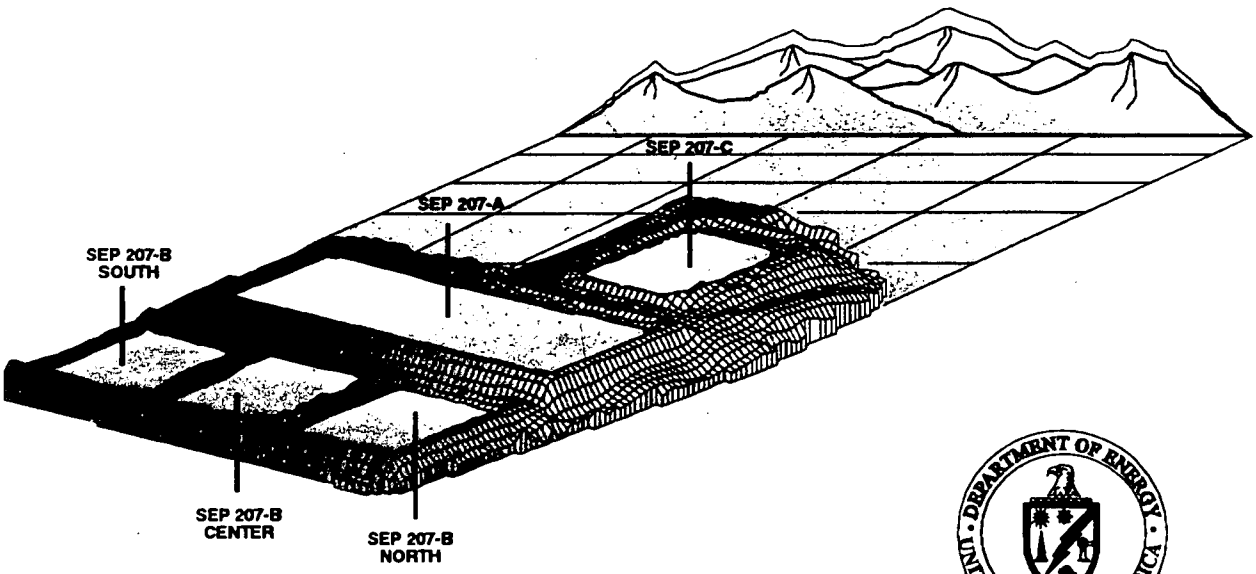

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TABLE OF CONTENTS

SOLAR EVAPORATION PONDS
OU4 IM/IRA EA DECISION DOCUMENT

PART II VOLUME 8

APPENDICES W THROUGH Z

COVER SHEET	1 PAGE
APPENDIX II.W - COLUMN LEACHING TEST RESULTS	114 PAGES
APPENDIX II.X - BOREHOLE GEOPHYSICS AND SEISMIC DATA	10 PAGES
APPENDIX II.Y - FIELD DUPLICATE SAMPLE RESULTS & RELATIVE PERCENT DIFFERENCE CALCULATIONS	70 PAGES
APPENDIX II.Z - SUMMARY OF CONTAMINANTS OF INTEREST ANALYTICAL RESULTS GREATER THAN BACKGROUND	103 PAGES

APPENDIX W

APPENDIX II.W

COLUMN LEACHING TEST RESULTS

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Sample Delivery Group Narrative

Date: December 15, 1993

Customer: Rust Environment & Infrastructure
Project: Column Leaching Test 40104
Core Laboratories Project Number: 931080

On June 10, 1993, Core Laboratories received 10 soil samples for column leach testing. The following information is pertinent to the interpretation of this data package.

Please note that several of the core sleeves that we received were partially full of loose soil (Core Laboratories ID 931080 2-3) and one severely dented (Core Laboratories ID 931080-1). Column dimensions were reduced to accommodate the limited sample volume. Several of the core sleeves (Core Laboratories ID 931080 5-8) contained large rocks greater than 1.5" in diameter. These larger rocks were discarded prior to column packing.

Initially, the argon-pressurized reservoirs containing the leaching solution were set at 3 psi. The pressure was increased to 8 psi, per Rust Environment & Infrastructure, on September 28, 1993, to facilitate flow through the remaining columns.

Columns 2-6 and 9 experienced a dramatic reduction in the effluent flowrate during the course of leaching (see individual Raw Data/ Column Summary). On December 7, 1993, all leaching was terminated leaving 3 columns short of obtaining the required 10 pore volumes. An "X" in the final result field represents the data that is unavailable.

Due to limited sample volume, bicarbonate, carbonate, and conductivity could not be performed on sample 931080-5/PORE VOLUME #1 (Core Laboratories ID 931080-25). A "X" in the final result field represents the data that is unavailable.

Patrick J. McEntee
Senior Chemist

Linda L. Benkers
QA/QC Coordinator

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COLUMN LEACHING TEST

Rust Environment & Infrastructure
Project 40104

General Summary

On August 9, 1993, assembly of the 10 test columns was completed. At 10:00 am the following day, the saturation stage was initiated. The columns were secured in a vertical orientation and saturated in a continuous upflow mode using argon-pressurized deionized water. The flow rate was visual monitored and adjusted in an attempt to obtain complete saturation over a period of 36 hours. Once the saturation stage was complete, effluent flow rates were adjusted to provide one pore volume out of each column every 36 hours. All effluent pore volumes collected from each column were weighed, filtered, preserved appropriately and stored at 4 degrees celsius.

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RAW DATA/COLUMN SUMMARY

COLUMN ID: #1
CLIENT ID: SS40101AE

COLUMN DIMENSIONS: 3.81cm X 15.2cm
PORE VOLUME: 93.9

Pore Volume	PV-1	PV-2	PV-3	PV-4	PV-5	PV-6	PV-7	PV-8	PV-9	PV-10
Core ID (931080-)	21	31	41	51	61	71	81	91	101	111
Mls Collected	94.1	94.4	93.5	93.1	93.9	92.6	92.6	93.1	94.7	94.5
Date Collected	8/13	8/14	8/16	8/17	8/19	8/20	8/22	8/23	8/25	8/26
Time Collected	1000	2200	1000	2200	1000	2200	1000	2200	1000	2200
Days Between PV's	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

COLUMN SUMMARY:

The saturation stage for column #1 was initiated on August 10, 1993, at 1000 hrs and was completed 36 hours later on August 11, 1993. Flow rate was monitored and adjusted periodically throughout the course of the test. No problems associated with column construction or pore volume collection were encountered. Some void areas had developed in the column packing around August 19, 1993.
The leached soil was extremely odoriferous.

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RAW DATA/COLUMN SUMMARY

COLUMN ID: #2
CLIENT ID: SS40102AE

COLUMN DIMENSIONS: 3.81cm X 15.2cm
PORE VOLUME: 71.4

Pore Volume	PV-1	PV-2	PV-3	PV-4	PV-5	PV-6	PV-7	PV-8	PV-9	PV-10
Core ID (931080-)	22	32	42	52	62	72	82	92	102	112
Mls Collected	71.0	72.1	71.6	71.5	71.0	71.4	72.0	70.5	58.1 *	
Date Collected	8/26	9/20	10/3	10/7	10/12	10/19	11/15	11/29	12/7 *	
Time Collected	0700	0900	1400	0600	1000	0600	1300	1300	0900 *	
Days Between PV's	12	25	13	4	5	7	23	14	8 *	

COLUMN SUMMARY:

The saturation stage for column #2 was initiated on August 10, 1993, at 1000 hrs and completed on August 14, 1993, at 0700 hrs. Movement of the leaching fluid during the saturation stage was allowed to flow freely as were the subsequent pore volumes for the duration of the test. The pressure of reservoir containing the leaching solution was increased from 3 psi to 8 psi on September 28, 1993. The test was terminated on December 7, 1993, at which time 58.1 mls of leachate for pore volume 9 had been collected.

* = incomplete data

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RAW DATA/COLUMN SUMMARY

COLUMN ID: #3
CLIENT ID: SS40103AE

COLUMN DIMENSIONS: 3.81cm X 15.2cm
PORE VOLUME: 84.8

Pore Volume	PV-1	PV-2	PV-3	PV-4	PV-5	PV-6	PV-7	PV-8	PV-9	PV-10
Core ID (931080-)	23	33	43	53	63	73	83	93	103	113
Mls Collected	85.6	85.1	85.0	85.0	84.2	84.6	84.0	85.8	85.7	84.5
Date Collected	8/22	8/30	9/15	9/29	10/7	10/13	10/21	10/27	11/12	12/2
Time Collected	1000	0700	1700	0900	1400	0700	1900	1100	1000	0800
Days Between PV's	8	8	16	14	8	6	8	6	16	20

COLUMN SUMMARY:

The saturation stage for column #3 was initiated on August 10, 1993, at 1000 hrs and completed on August 14, 1993, at 0930 hrs. Movement of the leaching fluid during the saturation stage was allowed to flow freely as were the subsequent pore volumes for the duration of the test. The pressure of the reservoir containing the leaching solution was increased from 3 psi to 8 psi on September 28, 1993. The leached soil was extremely odoriferous.

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RAW DATA/COLUMN SUMMARY

COLUMN ID: #4
CLIENT ID: BH40456AE

COLUMN DIMENSIONS: 3.81cm X 15.2cm
PORE VOLUME: 51.4

Pore Volume	PV-1	PV-2	PV-3	PV-4	PV-5	PV-6	PV-7	PV-8	PV-9	PV-10
Core ID (931080-)	24	34	44	54	64	74	84	94	104	114
Mls Collected	51.8	51.4	51.1	51.1	51.0	52.2	51.8	51.2	50.9	51.3
Date Collected	8/16	8/18	8/21	8/24	8/28	9/3	9/10	9/15	9/20	9/27
Time Collected	0700	1100	0900	0600	1400	0700	1600	1100	1000	0800
Days Between PV's	3	2	3	3	4	6	7	5	5	7

COLUMN SUMMARY:

The saturation stage for column #4 was initiated on August 10, 1993, at 1000 hrs and completed on August 13, 1993, at 0900 hrs. Movement of the leaching fluid during the saturation stage was allowed to flow freely as were subsequent pore volumes for the duration of the test.

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RAW DATA/COLUMN SUMMARY

COLUMN ID: #5
CLIENT ID: BH40455AE

COLUMN DIMENSIONS: 2.54cm X 15.2cm
PORE VOLUME: 25.5

Pore Volume	PV-1	PV-2	PV-3	PV-4	PV-5	PV-6	PV-7	PV-8	PV-9	PV-10
Core ID (931080-)	25	35	45	55	65	75	85	95	105	115
Mls Collected	25.4	9.2 *								
Date Collected	8/26	12/7 *								
Time Collected	0900	0900 *								
Days Between PV's	13	98 *								

COLUMN SUMMARY:

The saturation stage for column #5 was initiated on August 10, 1993, at 1000 hrs and completed on August 13, 1993, at 1100 hrs. Movement of the leaching fluid during the saturation stage was allowed to flow freely as were the subsequent pore volumes for the duration of the test. The pressure of the reservoir containing the leaching solution was increased from 3 psi to 8 psi on September 28, 1993. The test was terminated on December 7, 1993, at which time 9.2 mls of leachate for pore volume 2 had been collected. The leached soil could be described as having a sweet odor.

* = incomplete data

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RAW DATA/COLUMN SUMMARY

COLUMN ID: #6
CLIENT ID: BH40458AE

COLUMN DIMENSIONS: 2.54cm X 15.2cm
PORE VOLUME: 24.7

Pore Volume	PV-1	PV-2	PV-3	PV-4	PV-5	PV-6	PV-7	PV-8	PV-9	PV-10
Core ID (931080-)	26	36	46	56	66	76	86	96	106	116
Mls Collected	24.1	24.8	24.4	24.8	25.0	24.2	24.5	24.4	24.3	25.1
Date Collected	8/13	8/14	8/16	8/17	8/19	8/20	8/23	8/27	9/3	9/13
Time Collected	1000	2200	1000	2200	1000	2200	1100	0700	1400	1100
Days Between PV's	1.5	1.5	1.5	1.5	1.5	1.5	2.5	4	6	10

COLUMN SUMMARY:

The saturation stage for column #6 was initiated on August 10, 1993, at 1000 hrs and was completed 36 hours later on August 11, 1993. Flow rate was monitored and adjusted periodically to obtain one pore volume per 1.5 days until August 21, at which time the column experienced a reduction in the flow rate and the effluent was allowed to flow freely from the column.

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RAW DATA/COLUMN SUMMARY

COLUMN ID: #7
CLIENT ID: BH40459AE

COLUMN DIMENSIONS: 2.54cm X 15.2cm
PORE VOLUME: 22.1

Pore Volume	PV-1	PV-2	PV-3	PV-4	PV-5	PV-6	PV-7	PV-8	PV-9	PV-10
Core ID (931080-)	27	37	47	57	67	77	87	97	107	117
Mls Collected	22.5	22.0	22.4	22.1	22.3	22.5	21.9	21.7	22.0	22.5
Date Collected	8/13	8/14	8/16	8/17	8/19	8/20	8/22	8/23	8/25	8/26
Time Collected	1000	2200	1000	2200	1000	2200	1000	2200	1000	2200
Days Between PV's	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

COLUMN SUMMARY:

The saturation stage for column #7 was initiated on August 10, 1993, at 1000 hrs and was completed 36 hours later on August 11, 1993. Flow rate was monitored and adjusted periodically throughout the course of the test. No problems associated with column construction or pore volume collection were encountered.

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RAW DATA/COLUMN SUMMARY

COLUMN ID: #8
CLIENT ID: BH40550AE

COLUMN DIMENSIONS: 2.54cm X 15.2cm
PORE VOLUME: 27.2

Pore Volume	PV-1	PV-2	PV-3	PV-4	PV-5	PV-6	PV-7	PV-8	PV-9	PV-10
Core ID (931080-)	28	38	48	58	68	78	88	98	108	118
Mls Collected	26.9	27.2	27.4	27.0	27.0	26.8	27.4	27.4	27.0	27.1
Date Collected	8/13	8/14	8/16	8/17	8/19	8/20	8/22	8/23	8/25	8/26
Time Collected	1000	2200	1000	2200	1000	2200	1000	2200	1000	2200
Days Between PV's	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

COLUMN SUMMARY:

The saturation stage for column #8 was initiated on August 10, 1993, at 1000 hrs and was completed 36 hours later on August 11, 1993. Flow rate was monitored and adjusted periodically throughout the course of the test. No problems associated with column construction or pore volume collection was encountered.

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RAW DATA/COLUMN SUMMARY

COLUMN ID: #9
CLIENT ID: BH40551AE

COLUMN DIMENSIONS: 3.81cm X 15.2cm
PORE VOLUME: 64.9

Pore Volume	PV-1	PV-2	PV-3	PV-4	PV-5	PV-6	PV-7	PV-8	PV-9	PV-10
Core ID (931080-)	29	39	49	59	69	79	89	99	109	119
Mls Collected	65.1	57.4 *								
Date Collected	8/26	12/7 *								
Time Collected	1400	0900 *								
Days Between PV's	11	103 *								

COLUMN SUMMARY:

The saturation stage for column #9 was initiated on August 10, 1993, at 1000 hrs and completed on August 15, 1993, at 2100 hrs. Movement of the leaching fluid during the saturation stage was allowed to flow freely as were the subsequent pore volumes for the duration of the test. The pressure of the reservoir containing the leaching solution was increased from 3 psi to 8 psi on September 28, 1993. The test was terminated on December 7, 1993, at which time 57.4 mls of leachate for pore volume 2 had been collected.

* = incomplete data

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RAW DATA/COLUMN SUMMARY

COLUMN ID: #10
CLIENT ID: 16-40 MESH COLORADO SILICA SAND

COLUMN DIMENSIONS: 3.81cm X 15.2cm
PORE VOLUME: 64.6

Pore Volume	PV-1	PV-2	PV-3	PV-4	PV-5	PV-6	PV-7	PV-8	PV-9	PV-10
Core ID (931080-)	30	40	50	60	70	80	90	100	110	120
Mls Collected	65.0	64.5	65.1	64.9	63.9	64.6	64.5	63.9	64.1	64.9
Date Collected	8/13	8/14	8/16	8/17	8/19	8/20	8/22	8/23	8/25	8/26
Time Collected	1000	2200	1000	2200	1000	2200	1000	2200	1000	2200
Days Between PV's	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

COLUMN SUMMARY:

The saturation stage for column #10 was initiated on August 10, 1993, at 1000 hrs and was completed 36 hours later on August 11, 1993. Flow rate was monitored and adjusted periodically throughout the course of the test. No problems associated with the column construction or pore volume collection was encountered.

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CORE LABORATORIES

COLUMN CALCULATIONS

COLUMN ID: #1
CLIENT ID: SS40101AE

DESCRIPTION	UNITS	VALUE
COLUMN DIMENSIONS		
LENGTH	cm	15.2
INSIDE DIAMETER	cm	3.81
VOLUME	cc	172
DENSITY MEASUREMENTS		
BULK DENSITY OF SAMPLE	g/cc	1.25
SPECIFIC GRAV. OF SAMPLE		2.49
WATER DENSITY @ 25	g/cc	0.997
WEIGHT MEASUREMENTS		
SAMPLE WT. (WET)	g	215
COLUMN+SAMPLE	g	433
SAT. COLUMN+SAMPLE	g	533
CARBOY+LEACH SOLUTION	g	2596
CARBOY+LEACH SOLUTION AFTER SAT.	g	2499
SAMPLE INFORMATION		
SAMPLE WT. (WET)	g	215
MOISTURE (WEIGHT RATIO)		0.106
SUMMARY		
COLUMN VOLUME	cc	172
SAMPLE PORE VOLUME	cc	93.9

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COLUMN CALCULATIONS

COLUMN ID: #2
CLIENT ID: SS40102AE

DESCRIPTION	UNITS	VALUE
COLUMN DIMENSIONS		
LENGTH	cm	15.2
INSIDE DIAMETER	cm	3.81
VOLUME	cc	172
DENSITY MEASUREMENTS		
BULK DENSITY OF SAMPLE	g/cc	1.78
SPECIFIC GRAV. OF SAMPLE		2.50
WATER DENSITY @ 25	g/cc	0.997
WEIGHT MEASUREMENTS		
SAMPLE WT. (WET)	g	307
COLUMN+SAMPLE	g	525
SAT. COLUMN+SAMPLE	g	593
CARBOY+LEACH SOLUTION	g	2591
CARBOY+LEACH SOLUTION AFTER SAT.	g	2519
SAMPLE INFORMATION		
SAMPLE WT. (WET)	g	307
MOISTURE (WEIGHT RATIO)		0.219
SUMMARY		
COLUMN VOLUME	cc	172
SAMPLE PORE VOLUME	cc	71.4

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COLUMN CALCULATIONS

COLUMN ID: #3
CLIENT ID: SS40103AE

DESCRIPTION	UNITS	VALUE
COLUMN DIMENSIONS		
LENGTH	cm	15.2
INSIDE DIAMETER	cm	3.81
VOLUME	cc	172
DENSITY MEASUREMENTS		
BULK DENSITY OF SAMPLE	g/cc	1.57
SPECIFIC GRAV. OF SAMPLE		2.59
WATER DENSITY @ 25	g/cc	0.997
WEIGHT MEASUREMENTS		
SAMPLE WT. (WET)	g	271
COLUMN+SAMPLE	g	488
SAT. COLUMN+SAMPLE	g	568
CARBOY+LEACH SOLUTION	g	2593
CARBOY+LEACH SOLUTION AFTER SAT.	g	2507
SAMPLE INFORMATION		
SAMPLE WT. (WET)	g	271
MOISTURE (WEIGHT RATIO)		0.197
SUMMARY		
COLUMN VOLUME	cc	172
SAMPLE PORE VOLUME	cc	84.8

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COLUMN CALCULATIONS

COLUMN ID: #4
CLIENT ID: BH40456AE

DESCRIPTION	UNITS	VALUE
COLUMN DIMENSIONS		
LENGTH	cm	15.2
INSIDE DIAMETER	cm	3.81
VOLUME	cc	172
DENSITY MEASUREMENTS		
BULK DENSITY OF SAMPLE	g/cc	2.01
SPECIFIC GRAV. OF SAMPLE		2.59
WATER DENSITY @ 25	g/cc	0.997
WEIGHT MEASUREMENTS		
SAMPLE WT. (WET)	g	356
COLUMN+SAMPLE	g	575
SAT. COLUMN+SAMPLE	g	624
CARBOY+LEACH SOLUTION	g	2563
CARBOY+LEACH SOLUTION AFTER SAT.	g	2510
SAMPLE INFORMATION		
SAMPLE WT. (WET)	g	356
MOISTURE (WEIGHT RATIO)		0.141
SUMMARY		
COLUMN VOLUME	cc	172
SAMPLE PORE VOLUME	cc	51.4

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COLUMN CALCULATIONS

COLUMN ID: #5
CLIENT ID: BH40455AE

DESCRIPTION	UNITS	VALUE
COLUMN DIMENSIONS		
LENGTH	cm	15.2
INSIDE DIAMETER	cm	2.54
VOLUME	cc	74.6
DENSITY MEASUREMENTS		
BULK DENSITY OF SAMPLE	g/cc	2.08
SPECIFIC GRAV. OF SAMPLE		2.60
WATER DENSITY @ 25	g/cc	0.997
WEIGHT MEASUREMENTS		
SAMPLE WT. (WET)	g	137
COLUMN+SAMPLE	g	276
SAT. COLUMN+SAMPLE	g	298
CARBOY+LEACH SOLUTION	g	2577
CARBOY+LEACH SOLUTION AFTER SAT.	g	2553
SAMPLE INFORMATION		
SAMPLE WT. (WET)	g	137
MOISTURE (WEIGHT RATIO)		0.081
SUMMARY		
COLUMN VOLUME	cc	74.6
SAMPLE PORE VOLUME	cc	25.5

[illegible]

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COLUMN CALCULATIONS

COLUMN ID: #6
CLIENT ID: BH40458AE

DESCRIPTION	UNITS	VALUE
COLUMN DIMENSIONS		
LENGTH	cm	15.2
INSIDE DIAMETER	cm	2.54
VOLUME	cc	74.6
DENSITY MEASUREMENTS		
BULK DENSITY OF SAMPLE	g/cc	2.01
SPECIFIC GRAV. OF SAMPLE		2.64
WATER DENSITY @ 25	g/cc	0.997
WEIGHT MEASUREMENTS		
SAMPLE WT. (WET)	g	137
COLUMN+SAMPLE	g	277
SAT. COLUMN+SAMPLE	g	300
CARBOY+LEACH SOLUTION	g	2580
CARBOY+LEACH SOLUTION AFTER SAT.	g	2558
SAMPLE INFORMATION		
SAMPLE WT. (WET)	g	137
MOISTURE (WEIGHT RATIO)		0.045
SUMMARY		
COLUMN VOLUME	cc	74.6
SAMPLE PORE VOLUME	cc	24.7

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CORE LABORATORIES

COLUMN CALCULATIONS

COLUMN ID: #7
CLIENT ID: BH40459AE

DESCRIPTION	UNITS	VALUE
COLUMN DIMENSIONS		
LENGTH	cm	15.2
INSIDE DIAMETER	cm	2.54
VOLUME	cc	74.6
DENSITY MEASUREMENTS		
BULK DENSITY OF SAMPLE	g/cc	2.00
SPECIFIC GRAV. OF SAMPLE		2.62
WATER DENSITY @ 25	g/cc	0.997
WEIGHT MEASUREMENTS		
SAMPLE WT. (WET)	g	149
COLUMN+SAMPLE	g	287
SAT. COLUMN+SAMPLE	g	307
CARBOY+LEACH SOLUTION	g	2558
CARBOY+LEACH SOLUTION AFTER SAT.	g	2538
SAMPLE INFORMATION		
SAMPLE WT. (WET)	g	149
MOISTURE (WEIGHT RATIO)		0.087
SUMMARY		
COLUMN VOLUME	cc	74.6
SAMPLE PORE VOLUME	cc	22.1

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CORE LABORATORIES

COLUMN CALCULATIONS

COLUMN ID: #8
CLIENT ID: BH40550AE

DESCRIPTION	UNITS	VALUE
COLUMN DIMENSIONS		
LENGTH	cm	15.2
INSIDE DIAMETER	cm	2.54
VOLUME	cc	74.6
DENSITY MEASUREMENTS		
BULK DENSITY OF SAMPLE	g/cc	1.97
SPECIFIC GRAV. OF SAMPLE		2.71
WATER DENSITY @ 25	g/cc	0.997
WEIGHT MEASUREMENTS		
SAMPLE WT. (WET)	g	135
COLUMN+SAMPLE	g	273
SAT. COLUMN+SAMPLE	g	298
CARBOY+LEACH SOLUTION	g	2562
CARBOY+LEACH SOLUTION AFTER SAT.	g	2534
SAMPLE INFORMATION		
SAMPLE WT. (WET)	g	135
MOISTURE (WEIGHT RATIO)		0.051
SUMMARY		
COLUMN VOLUME	cc	74.6
SAMPLE PORE VOLUME	cc	27.2

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COLUMN CALCULATIONS

COLUMN ID: #9
CLIENT ID: BH40551AE

DESCRIPTION	UNITS	VALUE
COLUMN DIMENSIONS		
LENGTH	cm	15.2
INSIDE DIAMETER	cm	3.81
VOLUME	cc	172
DENSITY MEASUREMENTS		
BULK DENSITY OF SAMPLE	g/cc	1.96
SPECIFIC GRAV. OF SAMPLE		2.64
WATER DENSITY @ 25	g/cc	0.997
WEIGHT MEASUREMENTS		
SAMPLE WT. (WET)	g	338
COLUMN+SAMPLE	g	556
SAT. COLUMN+SAMPLE	g	600
CARBOY+LEACH SOLUTION	g	2545
CARBOY+LEACH SOLUTION AFTER SAT.	g	2479
SAMPLE INFORMATION		
SAMPLE WT. (WET)	g	338
MOISTURE (WEIGHT RATIO)		0.194
SUMMARY		
COLUMN VOLUME	cc	172
SAMPLE PORE VOLUME	cc	64.9

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COLUMN CALCULATIONS

COLUMN ID: #10
CLIENT ID: 16-40 MESH COLORADO SILICA SAND

DESCRIPTION	UNITS	VALUE
COLUMN DIMENSIONS		
LENGTH	cm	15.2
INSIDE DIAMETER	cm	3.81
VOLUME	cc	172
DENSITY MEASUREMENTS		
BULK DENSITY OF SAMPLE	g/cc	1.96
SPECIFIC GRAV. OF SAMPLE		2.63
WATER DENSITY @ 25	g/cc	0.997
WEIGHT MEASUREMENTS		
SAMPLE WT. (WET)	g	283
COLUMN+SAMPLE	g	501
SAT. COLUMN+SAMPLE	g	564
CARBOY+LEACH SOLUTION	g	2571
CARBOY+LEACH SOLUTION AFTER SAT.	g	2505
SAMPLE INFORMATION		
SAMPLE WT. (WET)	g	283
MOISTURE (WEIGHT RATIO)		0.004
SUMMARY		
COLUMN VOLUME	cc	172
SAMPLE PORE VOLUME	cc	64.6

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CORE LABORATORIES

CORE LABORATORIES
ANALYTICAL REPORT

Job Number: 931080
Prepared For:

RUST ENVIRONMENT & INFRASTRUCTURE
TOM HENDERSON
6143 S. WILLOW DR #200
ENGLEWOOD, CO 80111

Date: 12/10/93

Signature

12-10-93
Date:

Name: David J. Marshall

Core Laboratories
10703 East Bethany Drive
Aurora, CO 80014

Title: Project Coordinator

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CONTRACTOR AE SAMPLERS J. Uhler, R PROJECT # 40104

SITE CONTACT/PHONE D. Goodman 303852-1270 LAB/LOCATION Core Lab

C-O-C NUMBER AE-100330

EG&G ROCKY FLATS, CHAIN OF CUSTODY

General Chemistry

	DATE/TIME		SAMPLE NUMBER	LOCATION	CONTAINER TYPE	NUMBER OF CONTAINERS	MEDIA: S=SOIL, W=WATER	F=FILTERED, U=UNFILTERED	R=TURN AROUND RUSH	OUT OF SPEC REPORTS	COOLED TO 4°C	NAOH	HNO_3	H_2SO_4		VOA - CLP	VOA - 502. 2	BNA - CLP	PCB's/PEST. - CLP	CLP TOTAL METALS(1)	CLP DISS. METALS(1)	WATER QUALITY (2)	NO_3/NO_2 as N	Tot. Phosphorus, NH_4	OIL & GREASE	Ortho-Phosphate	NO_2	CYANIDE	TOC	DOC	H_2S	Cr VI	Column Leach		Grab
															BOTTLE CODES	V	V	B	P	M	M	W	W	W	W	W	W	W	W	W	W			
																	D				*	A	B	B	C	D	D	E	H	I	J	K			
															PRESERVATIVE		C						C			A									
101	5/28/93	0845	SS40101AE	SS404193	9" sleeve	1	S																										X		X
102	5/28/93	0900	SS40102AE	SS404293	9" sleeve	1	S																										X		X
103	5/28/93	0915	SS40103AE	SS404393	9" sleeve	1	S																										X		X
	3/19/93	1140	BH40456AE	42193	3" sleeve	1	S				X																						X		X
	3/19/93	1105	BH40455AE	42193	3" sleeve	1	S				X																						X		X
	3/16/93	1100	BH40458AE	42593	3" sleeve	1	S				X																						X		X
	3/16/93	1155	BH40459AE	42593	3" sleeve	1	S				X																						X		X
	3/18/93	1210	BH40550AE	43393	3" sleeve	1	S				X																						X		X
	3/18/93	1250	BH40551AE	43393	3" sleeve	1	S				X																						X		X

RELINQUISHED BY	DATE/TIME		RECEIVED BY	DATE/TIME	
[illegible]	5/28/93	1020	[illegible]	5/28/93	1020
[illegible]	6/9/93	1400	[illegible]	6-10-93	1031

LABORATORY USE ONLY	Y	N
PCKG REC'D/CUSTODY SEALS INTACT	✓	
SAMPLE LABELS/COCs AGREE	✓	
TEMPERATURE WITHIN SPECIFICATION _____C	✓	
CORRECTED COPY ATTACHED		
PROBLEMS OR DISCREPANCIES		

REMARKS (1) INCLUDES Cs,Li,Sr,Mo,Si,Sn
(2) TSS,TDS,Cl,F,SO_4,CO_3,HCO_3

SHIPMENT METHOD:

AIR BILL NO.:

SHIP WHITE AND YELLOW COPIES WITH SAMPLES -- RETAIN PINK FIELD COPY

Drive Over

Form: EGGRFP-081292-COCGC-v1.0

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 05/28/93
TIME SAMPLED.....: 08:45
WORK DESCRIPTION...: SS40101AE

LABORATORY I.D...: 931080-0001
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Moisture (@ 104 Deg. C)	9.6	0.1	%	P-0590-85 (8)	07/02/93	RJC
Nitrate-Nitrogen, Soluble	0.2	0.1	mg/Kg (as N)	62-1 (12)/353.2 (1)	09/03/93	DME
Specific Gravity	2.4894		gm/cubic cm	29-3 (12)	07/08/93	RJC

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 05/28/93
TIME SAMPLED.....: 09:00
WORK DESCRIPTION...: SS40102AE

LABORATORY I.D...: 931080-0002
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Moisture (@ 104 Deg. C)	18.0	0.1	%	P-0590-85 (8)	07/02/93	RJC
Nitrate-Nitrogen, Soluble	128	25	mg/Kg (as N)	62-1 (12)/353.2 (1)	09/10/93	DME
Specific Gravity	2.5043		gm/cubic cm	29-3 (12)	07/08/93	RJC

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 05/28/93
TIME SAMPLED.....: 09:15
WORK DESCRIPTION...: SS40103AE

LABORATORY I.D...: 931080-0003
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECH
Moisture (@ 104 Deg. C)	16.5	0.1	%	P-0590-85 (8)	07/02/93	RJC
Nitrate-Nitrogen, Soluble	9	1	mg/Kg (as N)	62-1 (12)/353.2 (1)	09/03/93	DME
Specific Gravity	2.5016		gm/cubic cm	29-3 (12)	07/08/93	RJC

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 03/19/93
TIME SAMPLED.....: 11:40
WORK DESCRIPTION...: BH40456AE

LABORATORY I.D...: 931080-0004
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Moisture (@ 104 Deg. C)	12.4	0.1	%	P-0590-85 (8)	07/02/93	RJC
Nitrate-Nitrogen, Soluble	40	6	mg/Kg (as N)	62-1 (12)/353.2 (1)	09/10/93	DME
Specific Gravity	2.5923		gm/cubic cm	29-3 (12)	07/08/93	RJC

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 03/19/93
TIME SAMPLED.....: 11:05
WORK DESCRIPTION...: BH40455AE

LABORATORY I.D...: 931080-0005
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Moisture (@ 104 Deg. C)	7.6	0.1	%	P-0590-85 (8)	07/02/93	RJC
Nitrate-Nitrogen, Soluble	1370	80	mg/Kg (as N)	62-1 (12)/353.2 (1)	09/10/93	DME
Specific Gravity	2.6035		gm/cubic cm	29-3 (12)	07/08/93	RJC

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 03/16/93
TIME SAMPLED.....: 11:00
WORK DESCRIPTION...: BH40458AE

LABORATORY I.D...: 931080-0006
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Moisture (@ 104 Deg. C)	4.3	0.1	%	P-0590-85 (8)	07/02/93	RJC
Nitrate-Nitrogen, Soluble	592	50	mg/Kg (as N)	62-1 (12)/353.2 (1)	09/10/93	DME
Specific Gravity	2.6422		gm/cubic cm	29-3 (12)	07/08/93	RJC

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12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 03/16/93
TIME SAMPLED.....: 11:55
WORK DESCRIPTION...: BH40459AE

LABORATORY I.D...: 931080-0007
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Moisture (@ 104 Deg. C)	8.0	0.1	%	P-0590-85 (8)	07/02/93	RJC
Nitrate-Nitrogen, Soluble	163	15	mg/Kg (as N)	62-1 (12)/353.2 (1)	09/10/93	DME
Specific Gravity	2.6162		gm/cubic cm	29-3 (12)	07/08/93	RJC

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 03/18/93
TIME SAMPLED.....: 12:10
WORK DESCRIPTION...: BH40550AE

LABORATORY I.D...: 931080-0008
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Moisture (@ 104 Deg. C)	4.8	0.1	%	P-0590-85 (8)	07/02/93	RJC
Nitrate-Nitrogen, Soluble	576	50	mg/Kg (as N)	62-1 (12)/353.2 (1)	09/10/93	DME
Specific Gravity	2.7117		gm/cubic cm	29-3 (12)	07/08/93	RJC

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 03/18/93
TIME SAMPLED.....: 12:50
WORK DESCRIPTION...: BH40551AE

LABORATORY I.D...: 931080-0009
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Moisture (@ 104 Deg. C)	16.3	0.1	%	P-0590-85 (8)	07/02/93	RJC
Nitrate-Nitrogen, Soluble	1420	50	mg/Kg (as N)	62-1 (12)/353.2 (1)	09/10/93	DME
Specific Gravity	2.6364		gm/cubic cm	29-3 (12)	07/08/93	RJC

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:17
WORK DESCRIPTION...: 16-40 MESH COLORADO SILICA SAND

LABORATORY I.D...: 931080-0010
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....: BLANK

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Moisture (@ 104 Deg. C)	<0.1	0.1	%	P-0590-85 (8)	07/02/93	RJC
Nitrate-Nitrogen, Soluble	10	1	mg/Kg (as N)	62-1 (12)/353.2 (1)	09/27/93	DME
Specific Gravity	2.6302		gm/cubic cm	29-3 (12)	07/08/93	RJC

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:32
WORK DESCRIPTION...: SS40101AE LEACHED SOIL

LABORATORY I.D...: 931080-0011
DATE RECEIVED....: 08/18/93
TIME RECEIVED....: 10:32
REMARKS.....: 931080-1

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Nitrate-Nitrogen, Soluble	9.5	0.3	mg/Kg (as N)	62-1 (12)/353.2 (1)	12/09/93	DME

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12/10/93

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:32
WORK DESCRIPTION...: SS40102AE LEACHED SOIL

LABORATORY I.D...: 931080-0012
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....: 931080-2

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Nitrate-Nitrogen, Soluble	5.5	0.1	mg/Kg (as N)	62-1 (12)/353.2 (1)	12/09/93	DME

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LABORATORY TESTS RESULTS
12/10/93

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:32
WORK DESCRIPTION...: SS40103AE LEACHED SOIL

LABORATORY I.D...: 931080-0013
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....: 931080-3

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Nitrate-Nitrogen, Soluble	1.8	0.1	mg/Kg (as N)	62-1 (12)/353.2 (1)	12/09/93	DME

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:32
WORK DESCRIPTION...: BH40456AE LEACHED SOIL

LABORATORY I.D....: 931080-0014
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....: 931080-4

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Nitrate-Nitrogen, Soluble	0.4	0.1	mg/Kg (as N)	62-1 (12)/353.2 (1)	12/09/93	DME

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:32
WORK DESCRIPTION...: BH40455AE LEACHED SOIL

LABORATORY I.D...: 931080-0015
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....: 931080-5

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Nitrate-Nitrogen, Soluble	0.3	0.1	mg/Kg (as N)	62-1 (12)/353.2 (1)	12/09/93	DME

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:32
WORK DESCRIPTION...: BH40458AE LEACHED SOIL

LABORATORY I.D...: 931080-0016
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....: 931080-6

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Nitrate-Nitrogen, Soluble	0.6	0.1	mg/Kg (as N)	62-1 (12)/353.2 (1)	12/09/93	DME

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12/10/93

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:32
WORK DESCRIPTION...: BH40459AE LEACHED SOIL

LABORATORY I.D...: 931080-0017
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....: 931080-7

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Nitrate-Nitrogen, Soluble	0.5	0.1	mg/Kg (as N)	62-1 (12)/353.2 (1)	12/09/93	DME

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:32
WORK DESCRIPTION...: BH40550AE LEACHED SOIL

LABORATORY I.D...: 931080-0018
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....: 931080-8

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Nitrate-Nitrogen, Soluble	0.4	0.1	mg/Kg (as N)	62-1 (12)/353.2 (1)	12/09/93	DME

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:32
WORK DESCRIPTION...: BH40551AE LEACHED SOIL

LABORATORY I.D...: 931080-0019
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....: 931080-9

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Nitrate-Nitrogen, Soluble	1670	100	mg/Kg (as N)	62-1 (12)/353.2 (1)	12/09/93	DME

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:32
WORK DESCRIPTION...: 10-40 COLORADO SILICA SAND LEACHED

LABORATORY I.D...: 931080-0020
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....: 931080-10

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Nitrate-Nitrogen, Soluble	0.6	0.1	mg/Kg (as N)	62-1 (12)/353.2 (1)	12/09/93	DME

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12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-1/PORE VOLUME #1

LABORATORY I.D...: 931080-0021
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Bicarbonate (Filt.)	431	5	mg/L	2320 B (3)	08/30/93	RKB
Carbonate (Filt.)	<1	1	mg/L	2320 B (3)	08/30/93	RKB
Chloride (Filt.)	3.6	0.5	mg/L	325.2 (1)	09/07/93	DME
Conductivity (Filt.)	666	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	8.10	0.01	pH Units	150.1 (1)	08/30/93	RKB
ate (Filt.)	<10	10	mg/L	375.2 (1)	09/08/93	DME
Calcium, Diss. (Ca)	109	1.0	mg/L	6010 (2)	09/08/93	GAG
Magnesium, Diss. (Mg)	12.4	0.1	mg/L	6010 (2)	09/08/93	GAG
Potassium, Diss. (K)	29	5	mg/L	6010 (2)	09/08/93	WGL
Sodium, Diss. (Na)	2	1	mg/L	6010 (2)	09/08/93	WGL

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12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-2/PORE VOLUME #1

LABORATORY I.D...: 931080-0022
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Bicarbonate (Filt.)	1550	5	mg/L	2320 B (3)	09/29/93	PJM
Carbonate (Filt.)	23	1	mg/L	2320 B (3)	09/29/93	PJM
Chloride (Filt.)	110	1	mg/L	325.2 (1)	09/14/93	DME
Conductivity (Filt.)	2390	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	135	25	mg/L (as N)	353.2 (1)	09/17/93	VKN
pH (Filt.)	9.13	0.01	pH Units	150.1 (1)	08/31/93	RKB
ılfate (Filt.)	167	10	mg/L	375.2 (1)	09/17/93	DME
calcium, Diss. (Ca)	28.9	1.0	mg/L	6010 (2)	09/21/93	WGL
Magnesium, Diss. (Mg)	56.8	0.5	mg/L	6010 (2)	09/21/93	WGL
Potassium, Diss. (K)	246	5	mg/L	6010 (2)	09/21/93	WGL
Sodium, Diss. (Na)	612	5	mg/L	6010 (2)	09/21/93	WGL

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12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-3/PORE VOLUME #1

LABORATORY I.D...: 931080-0023
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Bicarbonate (Filt.)	649	5	mg/L	2320 B (3)	08/30/93	RKB
Carbonate (Filt.)	16	1	mg/L	2320 B (3)	08/30/93	RKB
Chloride (Filt.)	12.8	0.5	mg/L	325.2 (1)	09/07/93	DME
Conductivity (Filt.)	1080	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	2.2	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	8.79	0.01	pH Units	150.1 (1)	08/30/93	RKB
lfate (Filt.)	32	10	mg/L	375.2 (1)	09/08/93	DME
Calcium, Diss. (Ca)	39.6	1.0	mg/L	6010 (2)	09/08/93	GAG
Magnesium, Diss. (Mg)	11.6	0.1	mg/L	6010 (2)	09/08/93	GAG
Potassium, Diss. (K)	24	5	mg/L	6010 (2)	09/08/93	WGL
Sodium, Diss. (Na)	192	5	mg/L	6010 (2)	09/08/93	WGL

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-4/PORE VOLUME #1

LABORATORY I.D...: 931080-0024
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Bicarbonate (Filt.)	189	5	mg/L	2320 B (3)	08/30/93	RKB
Carbonate (Filt.)	2	1	mg/L	2320 B (3)	08/30/93	RKB
Chloride (Filt.)	23	1	mg/L	325.2 (1)	09/02/93	DME
Conductivity (Filt.)	1350	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	280	10	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	8.53	0.01	pH Units	150.1 (1)	08/30/93	RKB
'ate (Filt.)	68	10	mg/L	375.2 (1)	09/08/93	DME
Calcium, Diss. (Ca)	33.1	1.0	mg/L	6010 (2)	09/08/93	GAG
Magnesium, Diss. (Mg)	4.9	0.1	mg/L	6010 (2)	09/08/93	GAG
Potassium, Diss. (K)	<5	5	mg/L	6010 (2)	09/08/93	WGL
Sodium, Diss. (Na)	240	5	mg/L	6010 (2)	09/08/93	WGL

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-5/PORE VOLUME #1

LABORATORY I.D...: 931080-0025
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Bicarbonate (Filt.)	X	5	mg/L	2320 B (3)	09/29/93	PJM
Carbonate (Filt.)	X	1	mg/L	2320 B (3)	09/29/93	PJM
Chloride (Filt.)	984	10	mg/L	325.2 (1)	09/14/93	DME
Conductivity (Filt.)	X	1	umhos/cm @25dC	120.1 (1)	09/29/93	CJS
Nitrogen, Nitrate (Filt.)	6290	420	mg/L (as N)	353.2 (1)	09/29/93	DME
pH (Filt.)	6.24	0.01	pH Units	150.1 (1)	09/29/93	PJM
fate (Filt.)	856	80	mg/L	375.2 (1)	09/17/93	DME
Calcium, Diss. (Ca)	2520	10	mg/L	6010 (2)	09/21/93	WGL
Magnesium, Diss. (Mg)	356	1	mg/L	6010 (2)	09/21/93	WGL
Potassium, Diss. (K)	1000	50	mg/L	6010 (2)	09/21/93	WGL
Sodium, Diss. (Na)	7590	50	mg/L	6010 (2)	09/21/93	WGL

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-6/PORE VOLUME #1

LABORATORY I.D...: 931080-0026
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Bicarbonate (Filt.)	35	5	mg/L	2320 B (3)	08/30/93	RKB
Carbonate (Filt.)	<1	1	mg/L	2320 B (3)	08/30/93	RKB
Chloride (Filt.)	120	10	mg/L	325.2 (1)	09/02/93	DME
Conductivity (Filt.)	10300	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	777	50	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	6.93	0.01	pH Units	150.1 (1)	08/30/93	RKB
lfate (Filt.)	<10	10	mg/L	375.2 (1)	09/08/93	DME
Calcium, Diss. (Ca)	1150	10	mg/L	6010 (2)	09/08/93	GAG
Magnesium, Diss. (Mg)	148	0.5	mg/L	6010 (2)	09/08/93	WGL
Potassium, Diss. (K)	<5	5	mg/L	6010 (2)	09/08/93	WGL
Sodium, Diss. (Na)	744	5	mg/L	6010 (2)	09/08/93	WGL

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-7/PORE VOLUME #1

LABORATORY I.D...: 931080-0027
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Bicarbonate (Filt.)	57	5	mg/L	2320 B (3)	08/30/93	RKB
Carbonate (Filt.)	<1	1	mg/L	2320 B (3)	08/30/93	RKB
Chloride (Filt.)	33	2	mg/L	325.2 (1)	09/02/93	DME
Conductivity (Filt.)	2840	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	378	20	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.74	0.01	pH Units	150.1 (1)	08/30/93	RKB
fate (Filt.)	54	10	mg/L	375.2 (1)	09/08/93	DME
Calcium, Diss. (Ca)	147	1.0	mg/L	6010 (2)	09/08/93	GAG
Magnesium, Diss. (Mg)	34.2	0.1	mg/L	6010 (2)	09/08/93	GAG
Potassium, Diss. (K)	<5	5	mg/L	6010 (2)	09/08/93	WGL
Sodium, Diss. (Na)	354	5	mg/L	6010 (2)	09/08/93	WGL

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-8/PORE VOLUME #1

LABORATORY I.D...: 931080-0028
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Bicarbonate (Filt.)	410	5	mg/L	2320 B (3)	08/30/93	RKB
Carbonate (Filt.)	22	1	mg/L	2320 B (3)	08/30/93	RKB
Chloride (Filt.)	72	7	mg/L	325.2 (1)	09/02/93	DME
Conductivity (Filt.)	7490	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	973	80	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	9.32	0.01	pH Units	150.1 (1)	08/30/93	RKB
fate (Filt.)	179	10	mg/L	375.2 (1)	09/08/93	DME
Calcium, Diss. (Ca)	1.9	0.1	mg/L	6010 (2)	09/08/93	WGL
Magnesium, Diss. (Mg)	<0.1	0.1	mg/L	6010 (2)	09/08/93	GAG
Potassium, Diss. (K)	437	5	mg/L	6010 (2)	09/08/93	WGL
Sodium, Diss. (Na)	1230	50	mg/L	6010 (2)	09/08/93	WGL

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12/10/93

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-9/PORE VOLUME #1

LABORATORY I.D...: 931080-0029
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Bicarbonate (Filt.)	70	5	mg/L	2320 B (3)	09/29/93	PJM
Carbonate (Filt.)	<1	1	mg/L	2320 B (3)	09/29/93	PJM
Chloride (Filt.)	1160	10	mg/L	325.2 (1)	09/14/93	DME
Conductivity (Filt.)	44400	1	umhos/cm @25dC	120.1 (1)	09/29/93	CJS
Nitrogen, Nitrate (Filt.)	11600	500	mg/L (as N)	353.2 (1)	09/29/93	DME
pH (Filt.)	7.68	0.01	pH Units	150.1 (1)	09/29/93	PJM
fate (Filt.)	1330	80	mg/L	375.2 (1)	09/17/93	DME
Calcium, Diss. (Ca)	1920	10	mg/L	6010 (2)	09/21/93	WGL
Magnesium, Diss. (Mg)	952	5	mg/L	6010 (2)	09/21/93	WGL
Potassium, Diss. (K)	160	50	mg/L	6010 (2)	09/21/93	WGL
Sodium, Diss. (Na)	8220	50	mg/L	6010 (2)	09/21/93	WGL

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JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-10/PORE VOLUME #1

LABORATORY I.D...: 931080-0030
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Bicarbonate (Filt.)	35	5	mg/L	2320 B (3)	08/30/93	RKB
Carbonate (Filt.)	<1	1	mg/L	2320 B (3)	08/30/93	RKB
Chloride (Filt.)	7.4	0.5	mg/L	325.2 (1)	09/07/93	DME
Conductivity (Filt.)	78	1	umhos/cm a25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.58	0.01	pH Units	150.1 (1)	08/30/93	RKB
fate (Filt.)	<10	10	mg/L	375.2 (1)	09/08/93	DME
Calcium, Diss. (Ca)	7.0	0.1	mg/L	6010 (2)	09/08/93	WGL
Magnesium, Diss. (Mg)	1.6	0.1	mg/L	6010 (2)	09/08/93	GAG
Potassium, Diss. (K)	<5	5	mg/L	6010 (2)	09/08/93	WGL
Sodium, Diss. (Na)	7	1	mg/L	6010 (2)	09/08/93	WGL

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-1/PORE VOLUME #2

LABORATORY I.D...: 931080-0031
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	278	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.98	0.01	pH Units	150.1 (1)	08/31/93	RKB

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-2/PORE VOLUME #2

LABORATORY I.D...: 931080-0032
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	1840	1	umhos/cm @25dC	120.1 (1)	09/29/93	CJS
Nitrogen, Nitrate (Filt.)	0.2	0.1	mg/L (as N)	353.2 (1)	09/29/93	DME
pH (Filt.)	8.78	0.01	pH Units	150.1 (1)	09/29/93	PJM

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JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-3/PORE VOLUME #2

LABORATORY I.D...: 931080-0033
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	925	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/17/93	VKN
pH (Filt.)	8.99	0.01	pH Units	150.1 (1)	08/31/93	RKB

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12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-4/PORE VOLUME #2

LABORATORY I.D...: 931080-0034
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	473	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	3.8	0.5	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	8.67	0.01	pH Units	150.1 (1)	08/31/93	RKB

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-5/PORE VOLUME #2

LABORATORY I.D...: 931080-0035
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	X	1	umhos/cm @25dC	120.1 (1)	12/09/93	PJM
Nitrogen, Nitrate (Filt.)	X	0.1	mg/L (as N)	353.2 (1)	12/09/93	PJM
pH (Filt.)	X	0.01	pH Units	150.1 (1)	12/09/93	PJM

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-6/PORE VOLUME #2

LABORATORY I.D...: 931080-0036
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	4100	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	344	50	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.34	0.01	pH Units	150.1 (1)	08/31/93	RKB

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12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-7/PORE VOLUME #2

LABORATORY I.D...: 931080-0037
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	1300	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	164	20	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.85	0.01	pH Units	150.1 (1)	08/31/93	RKB

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12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-8/PORE VOLUME #2

LABORATORY I.D...: 931080-0038
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECH
Conductivity (Filt.)	3080	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	269	80	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	8.60	0.01	pH Units	150.1 (1)	08/31/93	RKB

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12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-9/PORE VOLUME #2

LABORATORY I.D...: 931080-0039
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	X	1	umhos/cm @25dC	120.1 (1)	12/09/93	PJM
Nitrogen, Nitrate (Filt.)	X	0.1	mg/L (as N)	353.2 (1)	12/09/93	PJM
pH (Filt.)	X	0.01	pH Units	150.1 (1)	12/09/93	PJM

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-10/PORE VOLUME #2

LABORATORY I.D...: 931080-0040
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	24	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.29	0.01	pH Units	150.1 (1)	08/31/93	RKB

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-1/PORE VOLUME #3

LABORATORY I.D...: 931080-0041
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	217	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.78	0.01	pH Units	150.1 (1)	08/31/93	RKB

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-2/PORE VOLUME #3

LABORATORY I.D...: 931080-0042
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	1360	1	umhos/cm @25dC	120.1 (1)	10/13/93	DME
Nitrogen, Nitrate (Filt.)	0.1	0.1	mg/L (as N)	353.2 (1)	10/13/93	DME
pH (Filt.)	8.37	0.01	pH Units	150.1 (1)	10/13/93	KDS

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JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-3/PORE VOLUME #3

LABORATORY I.D...: 931080-0043
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	1210	1	umhos/cm @25dC	120.1 (1)	09/29/93	CJS
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/29/93	DHE
pH (Filt.)	8.42	0.01	pH Units	150.1 (1)	09/29/93	PJM

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-4/PORE VOLUME #3

LABORATORY I.D...: 931080-0044
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	380	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	8.67	0.01	pH Units	150.1 (1)	08/31/93	RKB

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-5/PORE VOLUME #3

LABORATORY I.D...: 931080-0045
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	X	1	umhos/cm @25dC	120.1 (1)	12/09/93	PJM
Nitrogen, Nitrate (Filt.)	X	0.1	mg/L (as N)	353.2 (1)	12/09/93	PJM
pH (Filt.)	X	0.01	pH Units	150.1 (1)	12/09/93	PJM

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-6/PORE VOLUME #3

LABORATORY I.D...: 931080-0046
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	1850	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	208	50	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.44	0.01	pH Units	150.1 (1)	08/31/93	RKB

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-7/PORE VOLUME #3

LABORATORY I.D...: 931080-0047
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	787	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	91	20	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.78	0.01	pH Units	150.1 (1)	08/31/93	RKB

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-8/PORE VOLUME #3

LABORATORY I.D...: 931080-0048
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	1780	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	115	80	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	8.50	0.01	pH Units	150.1 (1)	08/31/93	RKB

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-9/PORE VOLUME #3

LABORATORY I.D...: 931080-0049
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	X	1	umhos/cm @25dC	120.1 (1)	12/09/93	PJM
Nitrogen, Nitrate (Filt.)	X	0.1	mg/L (as N)	353.2 (1)	12/09/93	PJM
pH (Filt.)	X	0.01	pH Units	150.1 (1)	12/09/93	PJM

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-10/PORE VOLUME #3

LABORATORY I.D...: 931080-0050
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	20	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.22	0.01	pH Units	150.1 (1)	08/31/93	RKB

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-1/PORE VOLUME #5

LABORATORY I.D...: 931080-0061
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	219	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.93	0.01	pH Units	150.1 (1)	08/31/93	RKB

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-2/PORE VOLUME #5

LABORATORY I.D...: 931080-0062
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	619	1	umhos/cm @25dC	120.1 (1)	10/13/93	DME
Nitrogen, Nitrate (Filt.)	0.1	0.1	mg/L (as N)	353.2 (1)	10/13/93	DME
pH (Filt.)	8.41	0.01	pH Units	150.1 (1)	10/13/93	KDS

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-3/PORE VOLUME #5

LABORATORY I.D...: 931080-0063
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	840	1	umhos/cm @25dC	120.1 (1)	10/13/93	DME
Nitrogen, Nitrate (Filt.)	0.1	0.1	mg/L (as N)	353.2 (1)	10/13/93	DME
pH (Filt.)	8.29	0.01	pH Units	150.1 (1)	10/13/93	KDS

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-4/PORE VOLUME #5

LABORATORY I.D...: 931080-0064
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	319	1	umhos/cm @25dC	120.1 (1)	09/29/93	CJS
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/17/93	VKN
pH (Filt.)	8.61	0.01	pH Units	150.1 (1)	09/29/93	PJM

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-5/PORE VOLUME #5

LABORATORY I.D...: 931080-0065
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	X	1	umhos/cm a25dC	120.1 (1)	12/09/93	PJM
Nitrogen, Nitrate (Filt.)	X	0.1	mg/L (as N)	353.2 (1)	12/09/93	PJM
pH (Filt.)	X	0.01	pH Units	150.1 (1)	12/09/93	PJM

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-6/PORE VOLUME #5

LABORATORY I.D...: 931080-0066
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	98	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	4	1	mg/L (as N)	353.2 (1)	09/29/93	DME
pH (Filt.)	7.69	0.01	pH Units	150.1 (1)	08/31/93	RKB

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-7/PORE VOLUME #5

LABORATORY I.D...: 931080-0067
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	111	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	2.9	0.5	mg/L (as N)	353.2 (1)	09/29/93	DME
pH (Filt.)	7.95	0.01	pH Units	150.1 (1)	08/31/93	RKB

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-8/PORE VOLUME #5

LABORATORY I.D...: 931080-0068
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	949	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	102	40	mg/L (as N)	353.2 (1)	09/10/93	DHE
pH (Filt.)	8.66	0.01	pH Units	150.1 (1)	08/31/93	RKB

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(303) 751-1780

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-9/PORE VOLUME #5

LABORATORY I.D...: 931080-0069
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	X	1	umhos/cm @25dC	120.1 (1)	12/09/93	PJM
Nitrogen, Nitrate (Filt.)	X	0.1	mg/L (as N)	353.2 (1)	12/09/93	PJM
pH (Filt.)	X	0.01	pH Units	150.1 (1)	12/09/93	PJM

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-10/PORE VOLUME #5

LABORATORY I.D...: 931080-0070
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	10	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	6.82	0.01	pH Units	150.1 (1)	09/29/93	PJM

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-1/PORE VOLUME #10

LABORATORY I.D...: 931080-0111
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	148	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.76	0.01	pH Units	150.1 (1)	08/31/93	RKB

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-2/PORE VOLUME #10

LABORATORY I.D...: 931080-0112
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	X	1	umhos/cm @25dC	120.1 (1)	12/09/93	PJM
Nitrogen, Nitrate (Filt.)	X	0.1	mg/L (as N)	353.2 (1)	12/09/93	PJM
pH (Filt.)	X	0.01	pH Units	150.1 (1)	12/09/93	PJM

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-3/PORE VOLUME #10

LABORATORY I.D...: 931080-0113
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	348	1	umhos/cm @25dC	120.1 (1)	12/03/93	CJS
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	12/09/93	DME
pH (Filt.)	8.33	0.01	pH Units	150.1 (1)	12/03/93	SLS

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-4/PORE VOLUME #10

LABORATORY I.D...: 931080-0114
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	172	1	umhos/cm @25dC	120.1 (1)	09/29/93	CJS
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/29/93	DME
pH (Filt.)	9.10	0.01	pH Units	150.1 (1)	09/29/93	PJM

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12/10/93

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-5/PORE VOLUME #10

LABORATORY I.D...: 931080-0115
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	X	1	umhos/cm @25dC	120.1 (1)	12/09/93	PJM
Nitrogen, Nitrate (Filt.)	X	0.1	mg/L (as N)	353.2 (1)	12/09/93	PJM
pH (Filt.)	X	0.01	pH Units	150.1 (1)	12/09/93	PJM

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LABORATORY TESTS RESULTS
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-6/PORE VOLUME #10

LABORATORY I.D...: 931080-0116
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	56	1	umhos/cm @25dC	120.1 (1)	09/29/93	CJS
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/29/93	DME
pH (Filt.)	7.66	0.01	pH Units	150.1 (1)	09/29/93	PJM

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12/10/93

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-7/PORE VOLUME #10

LABORATORY I.D...: 931080-0117
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	84	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/29/93	DME
pH (Filt.)	8.01	0.01	pH Units	150.1 (1)	08/31/93	RKB

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LABORATORY TESTS RESULTS
12/10/93

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-8/PORE VOLUME #10

LABORATORY I.D...: 931080-0118
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	827	1	umhos/cm @25dC	120.1 (1)	09/29/93	CJS
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/29/93	DME
pH (Filt.)	8.97	0.01	pH Units	150.1 (1)	08/31/93	RKB

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LABORATORY TESTS RESULTS
12/10/93

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-9/PORE VOLUME #10

LABORATORY I.D...: 931080-0119
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	X	1	umhos/cm @25dC	120.1 (1)	12/09/93	PJM
Nitrogen, Nitrate (Filt.)	X	0.1	mg/L (as N)	353.2 (1)	12/09/93	PJM
pH (Filt.)	X	0.01	pH Units	150.1 (1)	12/09/93	PJM

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LABORATORY TESTS RESULTS
12/10/93

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CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 10:42
WORK DESCRIPTION...: 931080-10/PORE VOLUME #10

LABORATORY I.D...: 931080-0120
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	12	1	umhos/cm @25dC	120.1 (1)	08/30/93	RJC
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/10/93	DME
pH (Filt.)	7.34	0.01	pH Units	150.1 (1)	08/31/93	RKB

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12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

CLIENT I.D.....: 40104
DATE SAMPLED.....: 08/18/93
TIME SAMPLED.....: 11:08
WORK DESCRIPTION...: LEACH SOLUTION (DEIONIZED WATER)

LABORATORY I.D...: 931080-0121
DATE RECEIVED....: 06/10/93
TIME RECEIVED....: 10:31
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Conductivity (Filt.)	<1	1	umhos/cm @25dC	120.1 (1)	09/29/93	CJS
Nitrogen, Nitrate (Filt.)	<0.1	0.1	mg/L (as N)	353.2 (1)	09/29/93	DME
pH (Filt.)	5.67	0.01	pH Units	150.1 (1)	09/29/93	PJM

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QUALITY CONTROL REPORT
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Moisture (@ 104 Deg. C)				DATE/TIME ANALYZED:07/02/93 14:30						QC BATCH NUMBER:276946
REPORTING LIMIT/DF: 0.1	UNITS:%			METHOD REFERENCE :P-0590-85 (8)						TECHNICIAN:RJC
BLANK	MB	930702	<0.1							
DUPLICATE	MD	931080-4	12.4	12.7	2					
DUPLICATE	MD	931080-1	9.6	9.4	2					
PARAMETER:Specific Gravity				DATE/TIME ANALYZED:07/08/93 11:00						QC BATCH NUMBER:276951
REPORTING LIMIT/DF:	UNITS:g per cubic cm			METHOD REFERENCE :D1429-86 (11)						TECHNICIAN:RJC
DUPLICATE	MD	931080-1	2.4894	2.4454	2					
DUPLICATE	MD	931080-9	2.6364	2.6129	1					
PARAMETER:Conductivity (Filt.)				DATE/TIME ANALYZED:08/30/93 10:00						QC BATCH NUMBER:277484
REPORTING LIMIT/DF: 1	UNITS:umhos/cm @25dC			METHOD REFERENCE :120.1 (1)						TECHNICIAN:RJC
BLANK	MB	930830	<1							
BLANK	CCB	930830	<1							
BLANK	CCB	930830	<1							
BLANK	CCB	930830	<1							
BLANK	CCB	930830	<1							
STANDARD	LCS	G930830B	1380			1410	98			
STANDARD	ICV	G930830A	1380			1410	98			
STANDARD	CCV	G930830A	1380			1410	98			
STANDARD	CCV	G930830A	1380			1410	98			
STANDARD	CCV	G930830A	1370			1410	97			
STANDARD	CCV	G930830A	1380			1410	98			
DUPLICATE	MD	931080-21	666	667	0					
DUPLICATE	MD	931080-31	278	279	0					
DUPLICATE	MD	931080-50	20	20	0					
DUPLICATE	MD	931080-120	12	12	0					
PARAMETER:Carbonate (Filt.)				DATE/TIME ANALYZED:08/30/93 15:00						QC BATCH NUMBER:277490
REPORTING LIMIT/DF: 1	UNITS:mg/L			METHOD REFERENCE :2320 B (3)						TECHNICIAN:RKB
BLANK	MB	930830	<1							
DUPLICATE	MD	931080-21	<1	<1	NC					
PARAMETER:Bicarbonate (Filt.)				DATE/TIME ANALYZED:08/30/93 15:00						QC BATCH NUMBER:277491
REPORTING LIMIT/DF: 5	UNITS:mg/L			METHOD REFERENCE :2320 B (3)						TECHNICIAN:RKB
BLANK	MD	930830	<5							
DUPLICATE	MD	931080-21	431	431	0					
PARAMETER:pH (Filt.)				DATE/TIME ANALYZED:08/30/93 15:00						QC BATCH NUMBER:277492
REPORTING LIMIT/DF: 0.01	UNITS:pH Units			METHOD REFERENCE :150.1 (1)						TECHNICIAN:RKB
STANDARD	ICV	G930727C	4.02			4.00	100			
STANDARD	CCV	S7.00	7.00			7.00	100			

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QUALITY CONTROL REPORT
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:pH (Filt.) REPORTING LIMIT/DF: 0.01 UNITS:pH Units				DATE/TIME ANALYZED:08/30/93 15:00 METHOD REFERENCE :150.1 (1)					QC BATCH NUMBER:277492 TECHNICIAN:RKB	
DUPLICATE	MD	931080-21	8.10	8.03	1					
PARAMETER:pH (Filt.) REPORTING LIMIT/DF: 0.01 UNITS:pH Units				DATE/TIME ANALYZED:08/31/93 08:00 METHOD REFERENCE :150.1 (1)					QC BATCH NUMBER:277575 TECHNICIAN:RKB	
STANDARD	LCS	G930819A	4.02			4.00	100			
STANDARD	ICV	S7.00	7.00			7.00	100			
STANDARD	ICV	S7.00	7.00			7.00	100			
STANDARD	ICV	S7.00	7.00			7.00	100			
STANDARD	ICV	S7.00	7.00			7.00	100			
STANDARD	ICV	S7.00	7.00			7.00	100			
DUPLICATE	MD	931080-31	7.98	7.97	0					
DUPLICATE	MD	931080-50	7.22	7.20	0					
DUPLICATE	MD	931980-71	7.72	7.79	1					
LICATE	MD	931080-113	8.99	8.99	0					
LICATE	MD	931080-120	7.34	7.18	2					
PARAMETER:Chloride (Filt.) REPORTING LIMIT/DF: 1 UNITS:mg/L				DATE/TIME ANALYZED:09/02/93 12:51 METHOD REFERENCE :325.2 (1)					QC BATCH NUMBER:277744 TECHNICIAN:DME	
BLANK	ICB	930902	<1							
BLANK	CCB	930902	<1							
STANDARD	ICV/LCS	G930802J	48			50	96			
STANDARD	CCV	S160	158			160	99			
SPIKE	MS	931631-1	45					5	50	80
DUPLICATE	MD	931631-1	5	5	0					
PARAMETER:Nitrate-Nitrogen, Soluble REPORTING LIMIT/DF: 0.1 UNITS:mg/l (as N)				DATE/TIME ANALYZED:09/03/93 06:33 METHOD REFERENCE :62-1 (12)/353.2 (1)					QC BATCH NUMBER:277822 TECHNICIAN:DME	
BLANK	ICB	930903	<0.1							
BLANK	CCB	930903	<0.1							
STANDARD	ICV/LCS	G930328C	0.8			0.8	100			
STANDARD	CCV	S2.0	2.0			2.0	100			
SPIKE	MS	931617-8	1.2					0.3	1.0	90
DUPLICATE	MD	931617-8	0.3	0.3	0.0					
PARAMETER:Chloride (Filt.) REPORTING LIMIT/DF: 0.5 UNITS:mg/L				DATE/TIME ANALYZED:09/07/93 08:25 METHOD REFERENCE :325.2 (1)					QC BATCH NUMBER:277872 TECHNICIAN:DME	
BLANK	ICB	930907	<0.5							
BLANK	CCB	930907	<0.5							
STANDARD	ICV/LCS	G931222H	4.9			5.0	98			
STANDARD	CCV	S16.0	16.6			16.0	104			
SPIKE	MS	931631-4	7.7					2.8	5.0	98
DUPLICATE	MD	931631-4	2.8	2.8	0					

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QUALITY CONTROL REPORT
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Chloride (Filt.) DATE/TIME ANALYZED:09/07/93 08:25 QC BATCH NUMBER:277872										
REPORTING LIMIT/DF: 0.5 UNITS:mg/L METHOD REFERENCE :325.2 (1) TECHNICIAN:DME										
PARAMETER:Sulfate (Filt.) DATE/TIME ANALYZED:09/08/93 10:26 QC BATCH NUMBER:277979										
REPORTING LIMIT/DF: 10 UNITS:mg/L METHOD REFERENCE :375.2 (1) TECHNICIAN:DME										
BLANK	ICB	930908	<10							
BLANK	CCB	930908	<10							
STANDARD	ICV/LCS	GS930811A	50			50	100			
STANDARD	CCV	S80	76			80	95			
SPIKE	MS	931607-7	102					53	50	98
DUPLICATE	MD	931607-7	53	57	7					
PARAMETER:Calcium, Diss. (Ca) DATE/TIME ANALYZED:09/08/93 11:14 QC BATCH NUMBER:278004										
REPORTING LIMIT/DF: 0.1 UNITS:mg/L METHOD REFERENCE :6010 (2) TECHNICIAN:WGL										
NK	ICB	0721C	<0.1							
NK	MB	1312	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	MB	1312	<0.1							
BLANK	MB	1312	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
STANDARD	CCV	0727G	9.7			10.0	97			
STANDARD	CCV	0727G	10.1			10.0	101			
STANDARD	CCV	0727G	10.1			10.0	101			
STANDARD	CCV	0727G	9.9			10.0	99			
STANDARD	CCV	0727G	9.8			10.0	98			
STANDARD	CCV	0727G	10.8			10.0	108			
STANDARD	CCV	0727G	10.2			10.0	102			
STANDARD	ICV	F0527	19.7			20.0	98			
STANDARD	CCV	0727G	10.3			10.0	103			
STANDARD	CCV	0727G	10.3			10.0	103			
STANDARD	CCV	0727G	10.4			10.0	104			
STANDARD	CCV	0727G	10.3			10.0	103			
SPIKE	PDS	931613-010	61.6					9.4	50.0	104
SPIKE	PDS	931673-020	61.8					11.6	50.0	100
DUPLICATE	MD	931613-006	5.3	5.8	9					
DUPLICATE	MD	931673-016	11.8	13.0	10					

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QUALITY CONTROL REPORT
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Calcium, Diss. (Ca)				DATE/TIME ANALYZED:09/08/93 16:53						QC BATCH NUMBER:278005
REPORTING LIMIT/DF: 1.0	UNITS:mg/L			METHOD REFERENCE :6010 (2)						TECHNICIAN:GAG
BLANK	ICB	0721C	<1.0							
BLANK	MB	1312	<1.0							
BLANK	CCB	0721C	<1.0							
BLANK	CCB	0721C	<1.0							
BLANK	MB	1312	<1.0							
BLANK	MB	1312	<1.0							
BLANK	CCB	0721C	<1.0							
BLANK	CCB	0721C	<1.0							
BLANK	CCB	0721C	<1.0							
BLANK	CCB	0721C	<1.0							
BLANK	CCB	0721C	<1.0							
BLANK	CCB	0721C	<1.0							
BLANK	CCB	0721C	<1.0							
BLANK	CCB	0721C	<1.0							
BLANK	CCB	0721C	<1.0							
STANDARD	CCV	0624J	249			250	100			
STANDARD	CCV	0624J	255			250	102			
STANDARD	CCV	0624J	255			250	102			
STANDARD	CCV	0624J	252			250	101			
STANDARD	ISA	0806C	508			500	102			
STANDARD	ISB	0907K	482			500	96			
STANDARD	CCV	0624J	252			250	101			
STANDARD	CCV	0624J	258			250	103			
STANDARD	CCV	0624J	258			250	103			
STANDARD	ICV	0527F	205			200	102			
STANDARD	ISA	0806C	533			500	107			
STANDARD	ISB	0907K	513			500	103			
STANDARD	CCV	0624J	264			250	106			
STANDARD	CCV	0624J	263			250	105			
STANDARD	CCV	0624J	270			250	108			
STANDARD	ISA	0806C	542			500	108			
STANDARD	ISB	0907K	520			500	104			
STANDARD	CCV	0624J	268			250	107			
SPIKE	PDS	931629-008	83.9					32.6	50.0	103
SPIKE	PDS	931629-015	95.4					45.6	50.0	100
SPIKE	PDS	931661-001	197					151	50.0	92
DUPLICATE	MD	931629-001	42.5	43.3	2					
DUPLICATE	MD	931629-015	45.6	46.0	1					
DUPLICATE	MD	931661-001	151	152	1					
PARAMETER:Potassium, Diss. (K)				DATE/TIME ANALYZED:09/08/93 13:48						QC BATCH NUMBER:278011
REPORTING LIMIT/DF: 5	UNITS:mg/L			METHOD REFERENCE :6010 (2)						TECHNICIAN:WGL
BLANK	ICB	0721C	<5							
BLANK	MB	1312	<5							
BLANK	CCB	0721C	<5							

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QUALITY CONTROL REPORT
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JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Potassium, Diss. (K) DATE/TIME ANALYZED:09/08/93 13:48 QC BATCH NUMBER:278011										
REPORTING LIMIT/DF: 5 UNITS:mg/L METHOD REFERENCE :6010 (2) TECHNICIAN:WGL										
BLANK	CCB	0721C	<5							
BLANK	MB	1312	<5							
BLANK	MB	1312	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
STANDARD	CCV	0624J	236			250	94			
STANDARD	CCV	0624J	246			250	98			
STANDARD	CCV	0624J	235			250	94			
STANDARD	ISB	0907K	10			10	100			
STANDARD	CCV	0624J	243			250	97			
STANDARD	CCV	0624J	238			250	95			
STANDARD	ISB	0907K	9			10	90			
STANDARD	CCV	0624J	247			250	99			
STANDARD	CCV	0624J	247			250	99			
STANDARD	CCV	0624J	245			250	98			
STANDARD	CCV	0624J	241			250	96			
STANDARD	CCV	0624J	251			250	100			
STANDARD	ICV	0527F	97			100	97			
STANDARD	ISB	0907K	9			10	90			
STANDARD	CCV	0624J	249			250	100			
SPIKE	PDS	931629-008	150					91	50	118
SPIKE	PDS	931629-015	146					91	50	110
DUPLICATE	MD	931629-015	91	94	3					
DUPLICATE	MD	931629-001	138	130	6					
PARAMETER:Magnesium, Diss. (Mg) DATE/TIME ANALYZED:09/08/93 16:53 QC BATCH NUMBER:278012										
REPORTING LIMIT/DF: 0.1 UNITS:mg/L METHOD REFERENCE :6010 (2) TECHNICIAN:GAG										
BLANK	ICB	0721C	<0.1							
BLANK	MB	1312	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	MB	1312	<0.1							
BLANK	MB	1312	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							

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ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Magnesium, Diss. (Mg)				DATE/TIME ANALYZED:09/08/93 16:53						QC BATCH NUMBER:278012
REPORTING LIMIT/DF: 0.1 UNITS:mg/L				METHOD REFERENCE :6010 (2)						TECHNICIAN:GAG
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
BLANK	CCB	0721C	<0.1							
STANDARD	CCV	0727G	25.4			25.0	102			
STANDARD	CCV	0727G	26.1			25.0	104			
STANDARD	CCV	0727G	26.3			25.0	105			
STANDARD	CCV	0727G	26.0			25.0	104			
STANDARD	CCV	0727G	25.6			25.0	102			
STANDARD	CCV	0727G	26.7			25.0	107			
STANDARD	CCV	0727G	26.1			25.0	104			
STANDARD	ICV	F0527	20.3			20.0	102			
STANDARD	CCV	0727G	26.4			25.0	106			
STANDARD	CCV	0727G	26.7			25.0	107			
STANDARD	CCV	0727G	27.1			25.0	108			
STANDARD	CCV	0727G	26.7			25.0	107			
SPIKE	PDS	931673-020	47.8					<0.1	50.0	96
SPIKE	PDS	931673-028	56.4					4.5	50.0	104
SPIKE	PDS	931629-008	192					142	50.0	100
SPIKE	PDS	931607-015	60.3					5.4	50.0	110
DUPLICATE	MD	931673-026	15.0	14.7	2					
DUPLICATE	MD	931613-006	<0.1	<0.1	NC					
DUPLICATE	MD	931673-016	<0.1	<0.1	NC					
DUPLICATE	MD	931661-001	29.8	29.9	0					
DUPLICATE	MD	931607-005	4.5	4.5	0					
DUPLICATE	SD/1X	931607-009	1.5	1.4	7					
PARAMETER:Magnesium, Diss. (Mg)				DATE/TIME ANALYZED:09/08/93 14:42						QC BATCH NUMBER:278013
REPORTING LIMIT/DF: 0.5 UNITS:mg/L				METHOD REFERENCE :6010 (2)						TECHNICIAN:WGL
BLANK	ICB	0721C	<0.5							
BLANK	MB	1312	<0.5							
BLANK	CCB	0721C	<0.5							
BLANK	CCB	0721C	<0.5							
BLANK	MB	1312	<0.5							
BLANK	MB	1312	<0.5							
BLANK	CCB	0721C	<0.5							
BLANK	CCB	0721C	<0.5							
BLANK	CCB	0721C	<0.5							
BLANK	CCB	0721C	<0.5							
BLANK	CCB	0721C	<0.5							
BLANK	CCB	0721C	<0.5							
BLANK	CCB	0721C	<0.5							
BLANK	CCB	0721C	<0.5							
BLANK	CCB	0721C	<0.5							
STANDARD	CCV	0624J	250			250	100			

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QUALITY CONTROL REPORT
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Magnesium, Diss. (Mg) REPORTING LIMIT/DF: 0.5 UNITS:mg/L				DATE/TIME ANALYZED:09/08/93 14:42 METHOD REFERENCE :6010 (2)					QC BATCH NUMBER:278013 TECHNICIAN:WGL	
STANDARD	CCV	0624J	256			250	102			
STANDARD	CCV	0624J	255			250	102			
STANDARD	CCV	0624J	254			250	102			
STANDARD	ISA	0806C	496			500	99			
STANDARD	ISB	0907K	472			500	94			
STANDARD	CCV	0624J	255			250	102			
STANDARD	CCV	0624J	259			250	104			
STANDARD	CCV	0624J	262			250	105			
STANDARD	ICV	0527F	201			200	100			
STANDARD	ISA	0806C	525			500	105			
STANDARD	ISB	0907K	504			500	101			
STANDARD	CCV	0624J	266			250	106			
STANDARD	CCV	0624J	265			250	106			
[illegible]NDARD	CCV	0624J	272			250	109			
[illegible]DARD	ISA	0806C	532			500	106			
[illegible]NDARD	ISB	0907K	508			500	102			
STANDARD	CCV	0624J	270			250	108			
SPIKE	PDS	931629-008	192					142	50.0	100
SPIKE	PDS	931629-015	266					226	50.0	80
DUPLICATE	MD	931629-001	214	205	4					
DUPLICATE	MD	931629-015	226	231	2					
PARAMETER:Sodium, Diss. (Na) REPORTING LIMIT/DF: 1 UNITS:mg/L				DATE/TIME ANALYZED:09/08/93 11:14 METHOD REFERENCE :6010 (2)					QC BATCH NUMBER:278016 TECHNICIAN:WGL	
BLANK	ICB	0721C	<1							
BLANK	MB	1312	<1							
BLANK	CCB	0721C	<1							
BLANK	CCB	0721C	<1							
BLANK	MB	1312	<1							
BLANK	MB	1312	<1							
BLANK	CCB	0721C	<1							
BLANK	CCB	0721C	<1							
BLANK	CCB	0721C	<1							
BLANK	CCB	0721C	<1							
BLANK	CCB	0721C	<1							
BLANK	CCB	0721C	<1							
BLANK	CCB	0721C	<1							
BLANK	CCB	0721C	<1							
BLANK	CCB	0721C	<1							
STANDARD	CCV	0727G	49			50	98			
STANDARD	CCV	0727G	49			50	98			
STANDARD	CCV	0727G	50			50	100			
STANDARD	CCV	0727G	49			50	98			
STANDARD	CCV	0727G	48			50	96			
STANDARD	CCV	0727G	51			50	102			

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JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Sodium, Diss. (Na) DATE/TIME ANALYZED:09/08/93 11:14 QC BATCH NUMBER:278016										
REPORTING LIMIT/DF: 1 UNITS:mg/L METHOD REFERENCE :6010 (2) TECHNICIAN:WGL										
STANDARD	CCV	0727G	52			50	104			
STANDARD	ICV	F0527	20			20	100			
STANDARD	CCV	0727G	50			50	100			
STANDARD	CCV	0727G	50			50	100			
STANDARD	CCV	0727G	51			50	102			
STANDARD	CCV	0727G	51			50	102			
SPIKE	PDS	931673-020	61					14	50	94
SPIKE	PDS	931613-010	64					14	50	100
DUPLICATE	MD	931613-006	39	38	3					
DUPLICATE	MD	931673-016	14	15	7					
PARAMETER:Sodium, Diss. (Na) DATE/TIME ANALYZED:09/08/93 16:04 QC BATCH NUMBER:278017										
REPORTING LIMIT/DF: 5 UNITS:mg/L METHOD REFERENCE :6010 (2) TECHNICIAN:WGL										
BLANK	ICB	0721C	<5							
BLANK	MB	1312	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	MB	1312	<5							
BLANK	MB	1312	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
BLANK	CCB	0721C	<5							
STANDARD	CCV	0624J	471			500	94			
STANDARD	CCV	0624J	479			500	96			
STANDARD	CCV	0624J	474			500	95			
STANDARD	CCV	0624J	485			500	97			
STANDARD	ISA	0806C	477			500	95			
STANDARD	CCV	0624J	468			500	94			
STANDARD	ISB	0907K	453			500	91			
STANDARD	CCV	0624J	478			500	96			
STANDARD	CCV	0624J	486			500	97			
STANDARD	ISA	0806C	474			500	95			
STANDARD	ISB	0907K	456			500	91			
STANDARD	CCV	0624J	477			500	95			
STANDARD	ICV	0527F	200			200	100			
STANDARD	CCV	0624J	490			500	98			
STANDARD	CCV	0624J	501			500	100			
STANDARD	ISA	0806C	495			500	99			
STANDARD	ISB	0907K	472			500	94			

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CORE LABORATORIES

QUALITY CONTROL REPORT
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Sodium, Diss. (Na)				DATE/TIME ANALYZED:09/08/93 16:04					QC BATCH NUMBER:278017	
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :6010 (2)					TECHNICIAN:WGL	
STANDARD	CCV	0624J	497			500	99			
SPIKE	PDS	931629-008	237					198	50	78
SPIKE	PDS	931629-015	413					358	50	110
DUPLICATE	MD	931629-001	514	528	3					
DUPLICATE	MD	931629-015	358	357	0					
PARAMETER:Nitrogen, Nitrate (Filt.)				DATE/TIME ANALYZED:09/10/93 08:24					QC BATCH NUMBER:278203	
REPORTING LIMIT/DF: 0.1 UNITS:mg/L (as N)				METHOD REFERENCE :353.2 (1)					TECHNICIAN:DME	
BLANK	ICB	930910	<0.1							
BLANK	CCB	930910	<0.1							
BLANK	CCB	930910	<0.1							
BLANK	CCB	930910	<0.1							
STANDARD	ICV/LCS	930328C	0.8			0.8	100			
[illegible]DARD	CCV	S2.0	2.1			2.0	105			
[illegible]DARD	CCV	S2.0	2.1			2.0	105			
[illegible]ANDARD	CCV	S2.0	2.1			2.0	105			
SPIKE	MS	931641-8	2.1					1.0	1.0	110
SPIKE	MS	931641-9	2.1					0.9	1.0	120
SPIKE	MS	931641-10	2.0					0.8	1.0	120
DUPLICATE	MD	931641-8	1.0	0.9	11					
DUPLICATE	MD	931641-9	0.9	1.0	11					
DUPLICATE	MD	931641-10	0.8	0.8	0					
PARAMETER:Nitrate-Nitrogen, Soluble				DATE/TIME ANALYZED:09/10/93 08:24					QC BATCH NUMBER:278233	
REPORTING LIMIT/DF: 0.1 UNITS:mg/L (as N)				METHOD REFERENCE :62-1 (12)/353.2 (1)					TECHNICIAN:DME	
BLANK	ICB	930910	<0.1							
BLANK	CCB	930910	<0.1							
STANDARD	ICV/LCS	930328C	0.8			0.8	100			
STANDARD	CCV	S2.0	2.1			2.0	105			
SPIKE	MS	931641-11	1.1					<0.1	1.0	110
DUPLICATE	MD	931641-11	<0.1	<0.1	NC					
PARAMETER:Chloride (Filt.)				DATE/TIME ANALYZED:09/14/93 11:44					QC BATCH NUMBER:278502	
REPORTING LIMIT/DF: 1 UNITS:mg/L				METHOD REFERENCE :325.2 (1)					TECHNICIAN:DME	
BLANK	ICB	930914	<1							
BLANK	CCB	930914	<1							
STANDARD	ICV/LCS	930902J	52			50	104			
STANDARD	CCV	S160	159			160	99			
SPIKE	MS	931637-6	130					79	50	102
DUPLICATE	MD	931637-6	79	79	0					

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QUALITY CONTROL REPORT
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Sulfate (Filt.) DATE/TIME ANALYZED:09/17/93 06:26 QC BATCH NUMBER:278757										
REPORTING LIMIT/DF: 10 UNITS:mg/L METHOD REFERENCE :375.2 (1) TECHNICIAN:DME										
BLANK	ICB	930917	<10							
BLANK	CCB	930917	<10							
BLANK	CCB	930917	<10							
STANDARD	ICV/LCS	G930811A	51			50	102			
STANDARD	CCV	S80	84			80	105			
STANDARD	CCV	S80	77			80	96			
SPIKE	MS	931738-6	53					<10	50	106
SPIKE	MS	931764-6	74					28	50	92
DUPLICATE	MD	931638-6	<10	<10	NC					
DUPLICATE	MD	931764-6	28	28	0					
PARAMETER:Nitrogen, Nitrate (Filt.) DATE/TIME ANALYZED:09/17/93 14:30 QC BATCH NUMBER:278789										
REPORTING LIMIT/DF: 0.1 UNITS:mg/L (as N) METHOD REFERENCE :353.2 (1) TECHNICIAN:VKN										
BLANK	ICB	S0	<0.1							
BLANK	CCB	S0	<0.1							
BLANK	CCB	S0	<0.1							
BLANK	CCB	S0	<0.1							
STANDARD	ICV/LCS	G930514J	0.8			0.8	100			
STANDARD	CCV	S2.0	2.2			2.0	110			
STANDARD	CCV	S2.0	1.9			2.0	95			
STANDARD	CCV	S2.0	2.0			2.0	100			
SPIKE	MS	931770-4	1.0					0.2	1.0	80
SPIKE	MS	931772-1	1.3					0.2	1.0	110
DUPLICATE	MD	931770-4	0.2	0.2	0.0					
DUPLICATE	MD	931772-1	0.2	0.2	0.0					
PARAMETER:Calcium, Diss. (Ca) DATE/TIME ANALYZED:09/21/93 11:23 QC BATCH NUMBER:278944										
REPORTING LIMIT/DF: 1.0 UNITS:mg/L METHOD REFERENCE :6010 (2) TECHNICIAN:WGL										
BLANK	ICB	0914L	<1.0							
BLANK	CCB	0914L	<1.0							
BLANK	CCB	0914L	<1.0							
BLANK	MB	1312	<1.0							
BLANK	CCB	0914L	<1.0							
BLANK	CCB	0914L	<1.0							
BLANK	CCB	0914L	<1.0							
BLANK	CCB	0914L	<1.0							
STANDARD	CCV	0624J	259			250	104			
STANDARD	CCV	0624J	253			250	101			
STANDARD	ICV	0527F	207			200	103			
STANDARD	CCV	0624J	252			250	101			
STANDARD	CCV	0624J	248			250	99			
STANDARD	CCV	0624J	251			250	100			
STANDARD	ISB	0907K	477			500	95			
STANDARD	CCV	0624J	259			250	104			

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QUALITY CONTROL REPORT
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JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Calcium, Diss. (Ca)				DATE/TIME ANALYZED:09/21/93 11:23						QC BATCH NUMBER:278944
REPORTING LIMIT/DF: 1.0 UNITS:mg/L				METHOD REFERENCE :6010 (2)						TECHNICIAN:WGL
STANDARD	ISB	0907K	503			500	101			
SPIKE	POS	931736-005	111					52.8	50.0	116
DUPLICATE	MD	931736-006	63.1	64.0	1					
PARAMETER:Potassium, Diss. (K)				DATE/TIME ANALYZED:09/21/93 11:35						QC BATCH NUMBER:278950
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :6010 (2)						TECHNICIAN:WGL
BLANK	ICB	0914L	<5							
BLANK	CCB	0914L	<5							
BLANK	CCB	0914L	<5							
BLANK	MB	1312	<5							
BLANK	CCB	0914L	<5							
BLANK	CCB	0914L	<5							
BLANK	CCB	0914L	<5							
BLANK	CCB	0914L	<5							
STANDARD	CCV	0624J	243			250	97			
STANDARD	ISB	0907K	10			10	100			
STANDARD	CCV	0624J	253			250	101			
STANDARD	CCV	0624J	242			250	97			
STANDARD	ICV	0527F	98			100	98			
STANDARD	CCV	0624J	235			250	94			
STANDARD	CCV	0624J	229			250	92			
STANDARD	ISB	0907K	9			10	90			
STANDARD	CCV	0624J	239			250	96			
SPIKE	POS	931736-005	62					10	50	104
DUPLICATE	MD	931771-008	9	8	1					
PARAMETER:Magnesium, Diss. (Mg)				DATE/TIME ANALYZED:09/21/93 11:23						QC BATCH NUMBER:278951
REPORTING LIMIT/DF: 0.1 UNITS:mg/L				METHOD REFERENCE :6010 (2)						TECHNICIAN:WGL
BLANK	ICB	0914L	<0.1							
BLANK	CCB	0914L	<0.1							
BLANK	CCB	0914L	<0.1							
BLANK	MB	1312	<0.1							
BLANK	CCB	0914L	<0.1							
BLANK	CCB	0914L	<0.1							
BLANK	CCB	0914L	<0.1							
BLANK	CCB	0914L	<0.1							
STANDARD	ICV	F0527	20.5			20.0	102			
STANDARD	CCV	0727G	25.8			25.0	103			
STANDARD	CCV	0727G	25.0			25.0	100			
STANDARD	CCV	0727G	24.6			25.0	98			
STANDARD	CCV	0727G	26.3			25.0	105			
STANDARD	CCV	0727G	27.1			25.0	108			
SPIKE	POS	931736-005	60.1					6.6	50.0	107
DUPLICATE	MD	931011-012	17.8	17.7	1					

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QUALITY CONTROL REPORT
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Magnesium, Diss. (Mg)				DATE/TIME ANALYZED:09/21/93 11:23						QC BATCH NUMBER:278951
REPORTING LIMIT/DF: 0.1 UNITS:mg/L				METHOD REFERENCE :6010 (2)						TECHNICIAN:WGL
DUPLICATE	MD	931771-008	15.8	14.1	11					
DUPLICATE	MD	931736-006	8.0	8.1	1					
PARAMETER:Magnesium, Diss. (Mg)				DATE/TIME ANALYZED:09/21/93 09:37						QC BATCH NUMBER:278952
REPORTING LIMIT/DF: 0.5 UNITS:mg/L				METHOD REFERENCE :6010 (2)						TECHNICIAN:WGL
BLANK	ICB	0914L	<0.5							
BLANK	CCB	0914L	<0.5							
BLANK	CCB	0914L	<0.5							
BLANK	MB	1312	<0.5							
BLANK	CCB	0914L	<0.5							
BLANK	CCB	0914L	<0.5							
BLANK	CCB	0914L	<0.5							
NK	CCB	0914L	<0.5							
DARD	CCV	0624J	261			250	104			
ANDARD	CCV	0624J	256			250	102			
STANDARD	ICV	0527F	203			200	101			
STANDARD	CCV	0624J	256			250	102			
STANDARD	CCV	0624J	252			250	101			
STANDARD	CCV	0624J	254			250	102			
STANDARD	ISB	0907K	471			500	94			
STANDARD	CCV	0624J	262			250	105			
STANDARD	ISB	0907K	493			500	99			
SPIKE	PDS	931736-005	60.1					6.6	50.0	107
DUPLICATE	MD	931011-012	17.8	17.7	1					
PARAMETER:Sodium, Diss. (Na)				DATE/TIME ANALYZED:09/21/93 09:37						QC BATCH NUMBER:278956
REPORTING LIMIT/DF: 5 UNITS:mg/L				METHOD REFERENCE :6010 (2)						TECHNICIAN:WGL
BLANK	ICB	0914L	<5							
BLANK	CCB	0914L	<5							
BLANK	CCB	0914L	<5							
BLANK	MB	1312	<5							
BLANK	CCB	0914L	<5							
BLANK	CCB	0914L	<5							
BLANK	CCB	0914L	<5							
BLANK	CCB	0914L	<5							
STANDARD	CCV	0624J	501			500	100			
STANDARD	CCV	0624J	493			500	99			
STANDARD	ICV	0527F	204			200	102			
STANDARD	CCV	0624J	478			500	96			
STANDARD	CCV	0624J	474			500	95			
STANDARD	CCV	0624J	489			500	98			
STANDARD	ISB	0907K	445			500	89			
STANDARD	CCV	0624J	491			500	98			
STANDARD	ISB	0907K	477			500	95			

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QUALITY CONTROL REPORT
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Sodium, Diss. (Na) DATE/TIME ANALYZED:09/21/93 09:37 QC BATCH NUMBER:278956										
REPORTING LIMIT/DF: 5 UNITS:mg/L METHOD REFERENCE :6010 (2) TECHNICIAN:WGL										
SPIKE	PDS	931736-005	62					10	50	104
DUPLICATE	MD	931771-008	11	11	0					
PARAMETER:Nitrate-Nitrogen, Soluble DATE/TIME ANALYZED:09/27/93 13:22 QC BATCH NUMBER:279533										
REPORTING LIMIT/DF: 0.1 UNITS:mg/l (as N) METHOD REFERENCE :62-1 (12)/353.2 (1) TECHNICIAN:DME										
BLANK	ICB	930927	<0.1							
BLANK	CCB	930927	<0.1							
STANDARD	ICV/LCS	G930514J	0.8			0.8	100			
STANDARD	CCV	S2.0	2.2			2.0	110			
SPIKE	MS	931812-1	1.0					0.2	1.0	80
DUPLICATE	MD	931812-1	0.2	0.2	0.0					
PARAMETER:Conductivity (Filt.) DATE/TIME ANALYZED:09/29/93 07:30 QC BATCH NUMBER:279606										
REPORTING LIMIT/DF: 1 UNITS:umhos/cm @25dC METHOD REFERENCE :120.1 (1) TECHNICIAN:CJS										
BLANK	MB	930929	<1							
STANDARD	LCS	G930830D	1370			1410	97			
STANDARD	ICV	G930811E	147			147	100			
STANDARD	CCV	G930811E	148			147	101			
DUPLICATE	MD	931080-29	44400	44500	0					
PARAMETER:Nitrogen, Nitrate (Filt.) DATE/TIME ANALYZED:09/29/93 05:46 QC BATCH NUMBER:279681										
REPORTING LIMIT/DF: 0.1 UNITS:mg/L (as N) METHOD REFERENCE :353.2 (1) TECHNICIAN:DME										
BLANK	ICB	930929	<0.1							
BLANK	CCB	930929	<0.1							
BLANK	CCB	930929	<0.1							
STANDARD	ICV/LCS	G930514J	0.8			0.8	100			
STANDARD	CCV	S2.0	2.1			2.0	105			
STANDARD	CCV	S2.0	2.0			2.0	100			
SPIKE	MS	931793-11	1.0					<0.1	1.0	100
SPIKE	MS	931793-12	1.1					<0.1	1.0	110
DUPLICATE	MD	931793-11	<0.1	<0.1	NC					
DUPLICATE	MD	931793-12	<0.1	<0.1	NC					
PARAMETER:pH (Filt.) DATE/TIME ANALYZED:09/29/93 09:00 QC BATCH NUMBER:279687										
REPORTING LIMIT/DF: 0.01 UNITS:pH Units METHOD REFERENCE :150.1 (1) TECHNICIAN:PJM										
STANDARD	ICV	G930819A	4.03			4.00	101			
STANDARD	CCV	S7.00	7.01			7.00	100			
DUPLICATE	MD	931837-2	7.55	7.57	0					
PARAMETER:Bicarbonate (Filt.) DATE/TIME ANALYZED:09/29/93 09:00 QC BATCH NUMBER:279691										
REPORTING LIMIT/DF: 5 UNITS:mg/L METHOD REFERENCE :2320 B (3) TECHNICIAN:PJM										
BLANK	MB	930929	<5							

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JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Bicarbonate (Filt.) REPORTING LIMIT/DF: 5 UNITS:mg/L				DATE/TIME ANALYZED:09/29/93 09:00 METHOD REFERENCE :2320 B (3)						QC BATCH NUMBER:279691 TECHNICIAN:PJM
DUPLICATE	MD	931837-2	345	343	1					
PARAMETER:Carbonate (Filt.) REPORTING LIMIT/DF: 1 UNITS:mg/L				DATE/TIME ANALYZED:09/29/93 09:00 METHOD REFERENCE :2320 B (3)						QC BATCH NUMBER:279693 TECHNICIAN:PJM
BLANK	MB	930929	<1							
DUPLICATE	MD	931837-2	<1	<1	NC					
PARAMETER:pH (Filt.) REPORTING LIMIT/DF: 0.01 UNITS:pH Units				DATE/TIME ANALYZED:10/13/93 07:00 METHOD REFERENCE :150.1 (1)						QC BATCH NUMBER:280824 TECHNICIAN:KDS
STANDARD	ICV	G930819A	4.03			4.00	101			
STANDARD	CCV	S7.00	7.01			7.00	100			
ICATE	MD	931080-63	8.29	8.30	0					
PARAMETER:Conductivity (Filt.) REPORTING LIMIT/DF: 1 UNITS:umhos/cm @25dC				DATE/TIME ANALYZED:10/13/93 14:05 METHOD REFERENCE :120.1 (1)						QC BATCH NUMBER:280839 TECHNICIAN:DME
BLANK	MB	931013	<1							
STANDARD	ICV	G930811E	144			147	98			
STANDARD	LCS	931002	97			102	95			
STANDARD	CCV	G930811E	141			147	96			
DUPLICATE	MD	931080-42	1360	1320	3					
PARAMETER:Nitrogen, Nitrate (Filt.) REPORTING LIMIT/DF: 0.1 UNITS:mg/L (as N)				DATE/TIME ANALYZED:10/13/93 09:51 METHOD REFERENCE :353.2 (1)						QC BATCH NUMBER:280860 TECHNICIAN:DME
BLANK	ICB	931013	<0.1							
BLANK	CCB	931013	<0.1							
STANDARD	ICV/LCS	G931013D	1.0			1.0	100			
STANDARD	CCV	S2.0	1.8			2.0	90			
SPIKE	MS	931884-1	1.1					<0.1	1.0	110
DUPLICATE	MD	931884-1	<0.1	<0.1	NC					
PARAMETER:Conductivity (Filt.) REPORTING LIMIT/DF: 1 UNITS:umhos/cm @25dC				DATE/TIME ANALYZED:12/03/93 08:25 METHOD REFERENCE :120.1 (1)						QC BATCH NUMBER:284157 TECHNICIAN:CJS
BLANK	MB	931203	<1							
STANDARD	LCS	931003	1020			1020	100			
STANDARD	ICV	G931028A	1420			1410	101			
STANDARD	CCV	G931028A	1430			1410	101			
STANDARD	CCV	G931028A	1420			1410	101			
STANDARD	CCV	G931028A	1430			1410	101			
STANDARD	CCV	G931028A	1420			1410	101			
DUPLICATE	MD	931080-113	348	347	0					
DUPLICATE	MD	932040-37	2400	2400	0					

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Aurora, CO 80014
(303) 751-1780

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Western Atlas International

CORE LABORATORIES

QUALITY CONTROL REPORT
12/10/93

JOB NUMBER: 931080 CUSTOMER: RUST ENVIRONMENT & INFRASTRUCTURE ATTN: TOM HENDERSON

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (|A-B|)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER:Conductivity (Filt.) DATE/TIME ANALYZED:12/03/93 08:25 QC BATCH NUMBER:284157										
REPORTING LIMIT/DF: 1 UNITS:umhos/cm @25dC METHOD REFERENCE :120.1 (1) TECHNICIAN:CJS										
DUPLICATE	MD	932040-41	327	327	0					
DUPLICATE	MD	932040-52	242	242	0					
PARAMETER:pH (Filt.) DATE/TIME ANALYZED:12/03/93 11:30 QC BATCH NUMBER:284193										
REPORTING LIMIT/DF: 0.01 UNITS:pH Units METHOD REFERENCE :150.1 (1) TECHNICIAN:SLS										
STANDARD	ICV	G931124A	4.02			4.00	100			
STANDARD	CCV	S7.00	7.00			7.00	100			
DUPLICATE	MD	931080-113	8.33	8.28	1					
PARAMETER:Nitrate-Nitrogen, Soluble DATE/TIME ANALYZED:12/09/93 13:00 QC BATCH NUMBER:284648										
REPORTING LIMIT/DF: 0.1 UNITS:mg/l (as N) METHOD REFERENCE :62-1 (12)/353.2 (1) TECHNICIAN:DME										
BLANK	ICB	931209	<0.1							
BLANK	CCB	931209	<0.1							
STANDARD	ICV/LCS	G9310138	1.0			1.0	100			
STANDARD	CCV	S3.0	2.9			3.0	97			
SPIKE	MS	931080-113	1.1					<0.1	1.0	110
DUPLICATE	MD	931080-113	<0.1	<0.1	NC					
PARAMETER:Nitrogen, Nitrate (Filt.) DATE/TIME ANALYZED:12/09/93 13:00 QC BATCH NUMBER:284650										
REPORTING LIMIT/DF: 0.1 UNITS:mg/L (as N) METHOD REFERENCE :353.2 (1) TECHNICIAN:DME										
BLANK	ICB	931209	<0.1							
BLANK	CCB	931209	<0.1							
STANDARD	ICV/LCS	G9310138	1.0			1.0	100			
STANDARD	CCV	S3.0	2.9			3.0	97			
SPIKE	MS	931080-113	1.1					<0.1	1.0	110
DUPLICATE	MD	931080-113	<0.1	<0.1	NC					

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Void Volume CALCULATIONS 8/3/93

00010

$$V_v = V_c - \frac{M}{[(1+w) \times S \times D]}$$

per ASTM D4874-89

where, V_v = void volume in column cm^3
V_c = volume of column empty cm^3
M = as packed wt of material + moist. in column, gms
w = Moist of material in column: weight ratio gm H_2O / gm solids
S = SPG of material
D = Density of H_2O 25°C

931080-1 $V_v = 172.4 - \frac{215.50}{[(1+.106) \times 2.49 \times .997]}$ $V_v = \boxed{93.9cc}$

931080-2 $V_v = 172.4 - \frac{306.9}{[(1+0.219) \times 2.50 \times .997]}$ $V_v = \boxed{71.4cc}$

931080-3 $V_v = 172.4 - \frac{270.7}{[(1+0.197) \times 2.59 \times .997]}$ $V_v = \boxed{84.8cc}$

Column-4 $V_v = 172.4 - \cancel{346.5}$ 356.5 $\frac{}{[(1+0.141) \times 2.59 \times .997]}$ $V_v = \boxed{\cancel{54.8cc}}$ 51.4cc

Column-5 $V_v = 74.6 - \cancel{155.2}$ 137.5 $\frac{}{[(1+0.081) \times 2.60 \times .997]}$ $V_v = \boxed{\cancel{19.2cc}}$ 25.5cc

Column-6 $V_v = 74.6 - \cancel{149.5}$ 137.2 $\frac{}{[(1+0.045) \times 2.64 \times .997]}$ $V_v = \boxed{\cancel{20.3cc}}$ 24.7cc

Column-7 $V_v = 74.6 - \frac{149.2}{[(1+0.08) \times 2.62 \times .997]}$ $V_v = \boxed{22.1cc}$

Column-8 $V_v = 74.6 - \cancel{147.0}$ 134.7 $\frac{}{[(1+0.05) \times 2.71 \times .997]}$ $V_v = \boxed{\cancel{22.8cc}}$ 27.2cc

Column-9 $V_v = 172.4 - \frac{337.9}{[(1+0.194) \times 2.64 \times .997]}$ $V_v = \boxed{64.9cc}$

Void Volume Calc Cont from pg 10 6/3/93

Column - 10 $V_v = 172.4 - \frac{282.7}{[(1+0.004) \times 2.63 \times .997]}$ $V_v = \boxed{64.6 \text{ cc}}$

Note: Due to larger rocks, etc present in original core sleeves, Density was slightly off on a few of the columns.

Western Atlas International

CORE LABORATORIES

QUALITY CONTROL FOOTER

METHOD REFERENCES

(1) EPA 600/4-79-020, Methods For Chemical Analysis Of Water And Wastes, March 1983

(2) EPA SW-846, Test Methods For Evaluating Solid Waste, Third Edition, November 1986

(3) Standard Methods For The Examination Of Water And Wastewater, 17th Edition, 1989

(4) EPA 600/4-80-032, Prescribed Procedures For Measurement Of Radioactivity In Drinking Water, August 1980

(5) EPA 600/8-78-017, Microbiological Methods For Monitoring The Environment, December 1978

(6) Federal Register, July 1, 1990 (40 CFR Part 136)

(7) EPA 600/4-88-039, Methods For The Determination Of Organics Compounds In Drinking Water, December 1988

(8) U.S.G.S. Methods For The Determination Of Inorganic Substances In Water And Fluvial Sediments, Book 5, Chapter A1, 1985

(9) Federal Register, Friday, June 7, 1991, (40 CFR Parts 141 and 142)

(10) Standard Methods For The Examination Of Water And Wastewater, 16th Edition, 1985

(11) ASTM, Section 11 Water And Environmental Technology, Volume 11.01 Water (1), 1991

(12) Methods Of Soil Analysis, American Society Of Agronomy, Agronomy No. 9, 1965

(13) EPA SW-846, Test Methods For Evaluating Solid Waste, Third Edition, Revision 1, November 1990

(14) ASTM, Section 5, Petroleum Products, Lubricants, and Fossil Fuels, Volume 05.05, Gaseous Fuels, Coal and Coke

(15) EPA 600/2-78-054, Field and Laboratory Methods Applicable To Overburdens and Mine Soils, March 1978

(16) ASTM, Part 19, Soils and Rock; Building Stones, 1981

COMMENTS: Data in QA report may differ from final results due to digestion and/or dilution of sample into analytical ranges. The "Time Analyzed" in the QA report refers to the start time of the analytical batch which may not reflect the actual time of each analysis. The "Date Analyzed" is the actual date of analysis.

NC = Not Calculable Due To Value(s) Lower Than The Detection Limit.

Analyses performed by a subcontract laboratory are indicated on the analytical and/or quality control reports under "Technician" using the following codes:

Subcontract Laboratory	Code	
Core Laboratories - Anaheim, CA	*AN	
Core Laboratories - Casper, WY	*CA	
Core Laboratories - Corpus Christi, TX	*CC	
Core Laboratories - Houston, TX	*HP	
Core Laboratories - Lake Charles, LA	*LC	
Core Laboratories - Long Beach, CA	*LB	
Other Subcontract Laboratories	*XX	Laboratory ID Provided Upon Request

* The asterisk in the "Technician" data field signifies that the analysis was performed by a subcontract laboratory.

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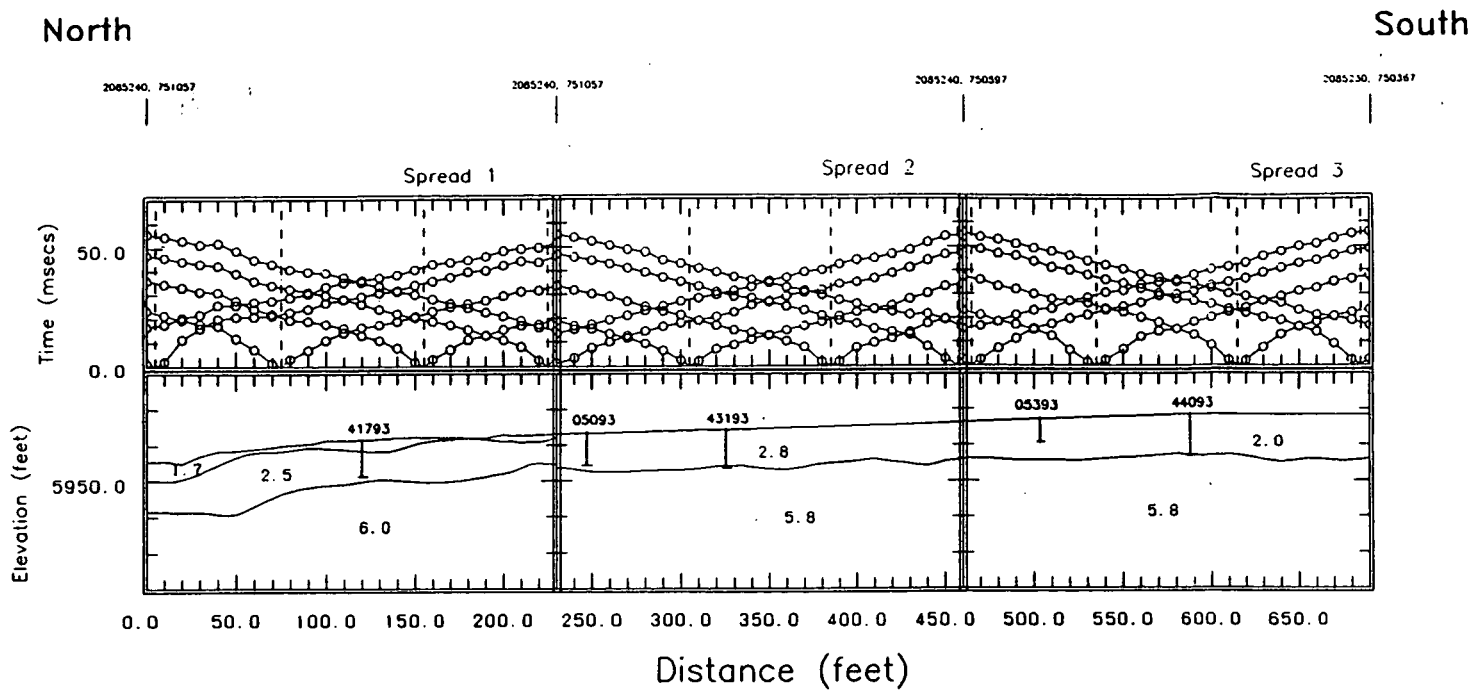
APPENDIX X

APPENDIX II.X

BOREHOLE GEOPHYSICS AND SEISMIC DATA



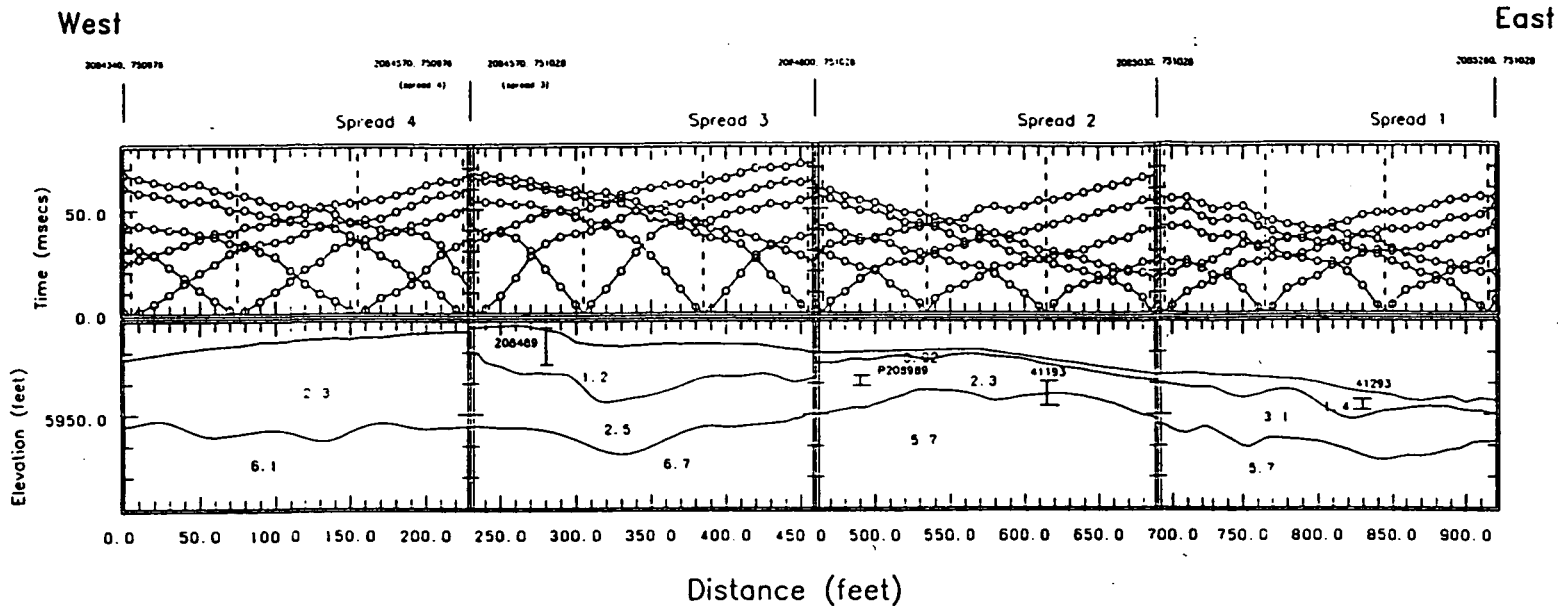
5.6 — Velocity (kilofeet per second)

2085240, 751057 — State Plane Coordinates (Easting, Northing)

42793 Boring ID

Depth to Bedrock from Boring

US DOE Rocky Flats Plant		
Interpreted Depth Section from Seismic Refraction Survey		
Line 1		
Hartley & Hollingsworth, Ltd.		
June 93	Job# 93-19	Figure 3



5.8 Velocity (kilofeet per second)

2085280, 751341 State Plane Coordinates (Easting, Northing)

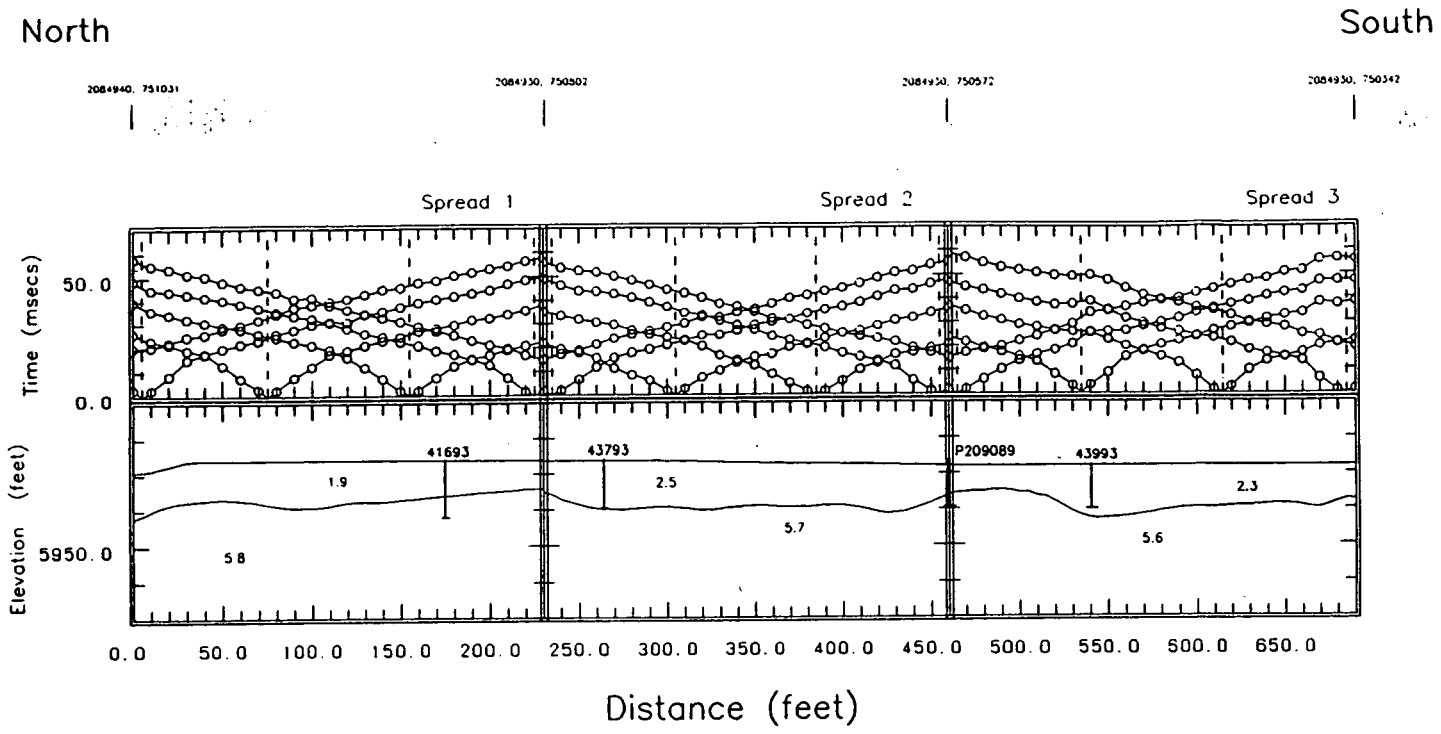
Notes Regarding Boring Locations.

P209489 is 25 feet south of line
P208989 is 20 feet north of line
41193 is 20 feet north of line
41293 is 16 feet north of line

45293 Boring ID

Depth to Bedrock from Boring

US DOE Rocky Flats Plant		
Interpreted Depth Section from Seismic Refraction Survey		
Line 2		
Hadley & Hollingsworth, Ltd		
June 93	Job# 93-19	Figure 4



5.8 Velocity (kilofeet per second)

Notes Regarding Boring Locations:

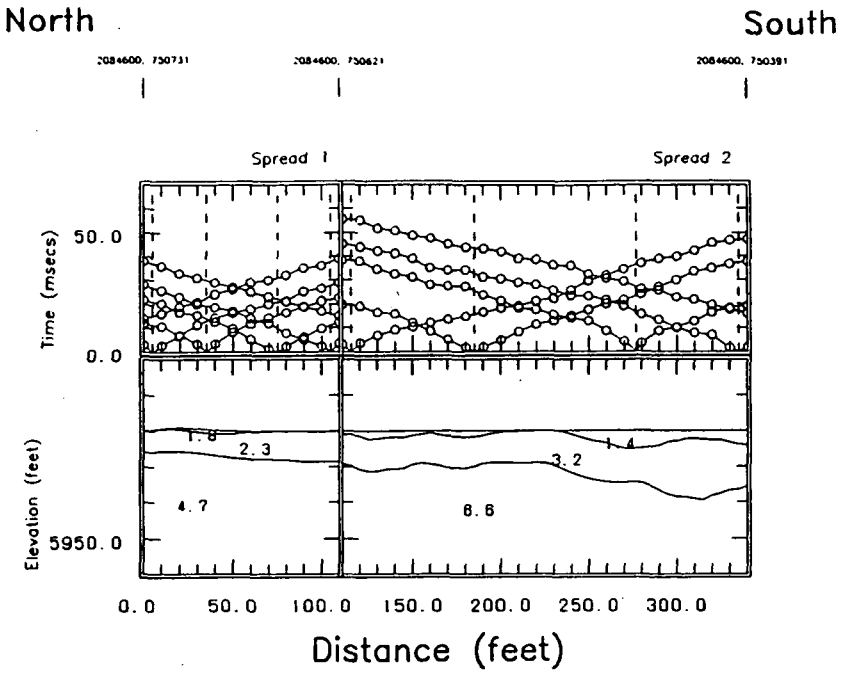
43793 is 16.5 feet west of line
46093 is on line
43993 is 11 feet west of line
P209089 is 12.5 feet west of line

2084930, 750391 State Plane Coordinates (Easting, Northing)

42793 Boring ID

Depth to Bedrock from Boring

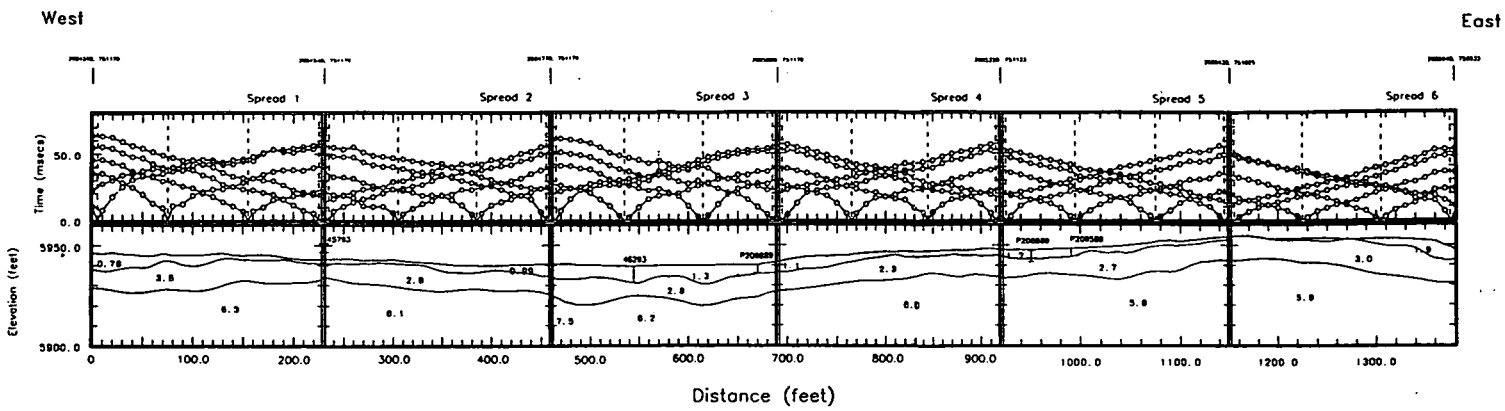
US DOE Rocky Flats Plant		
Interpreted Depth Section from Seismic Refraction Survey		
Line 3		
Hadley & Hollingsworth, Ltd.		
June 93	Job# 93-19	Figure 5



5.8 Velocity (kilofeet per second)

2085280, 751341 State Plane Coordinates (Easting, Northing)

US DOE Rocky Flats Plant		
Interpreted Depth Section from Seismic Refraction Survey		
Line 4		
Hadley & Hollingsworth, Ltd.		
June 93	Job# 93-19	Figure 5



5.9 Velocity (kilofeet per second)

Easting, Northing State Plane Coordinates (Easting, Northing)

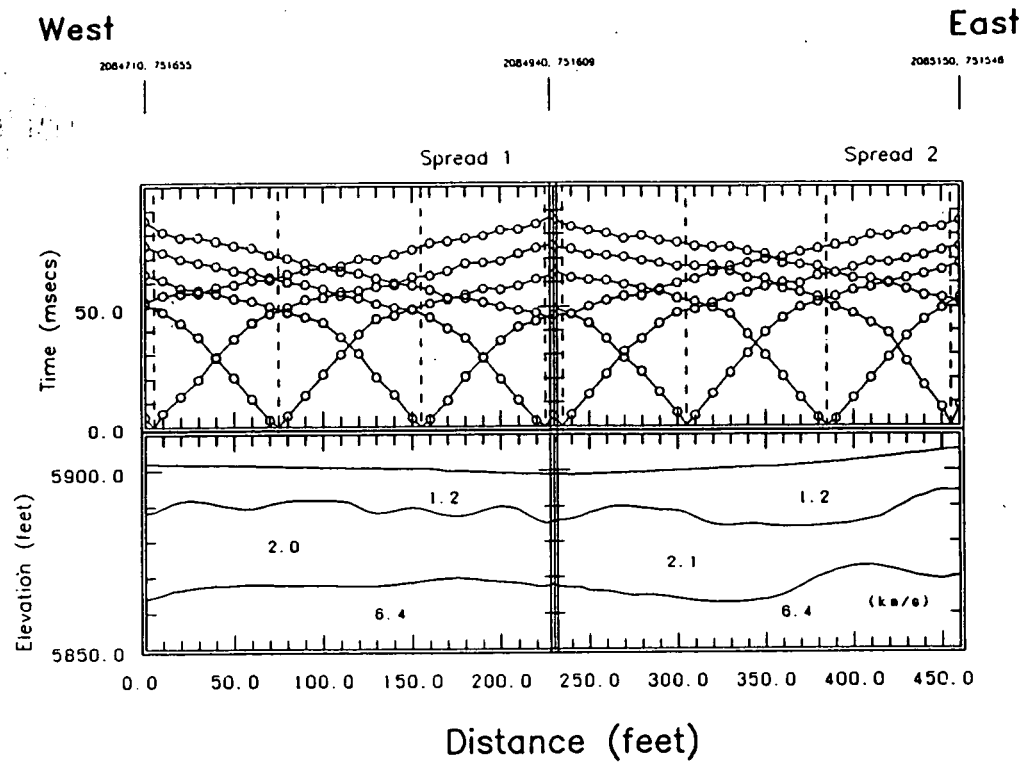
Notes Regarding Boring Locations:

45793 is south of line
P208889 is 15 feet north of line
P208889 is on line
P209589 is 5 feet north of line

45293 Boring ID

Depth to Bedrock from Boring

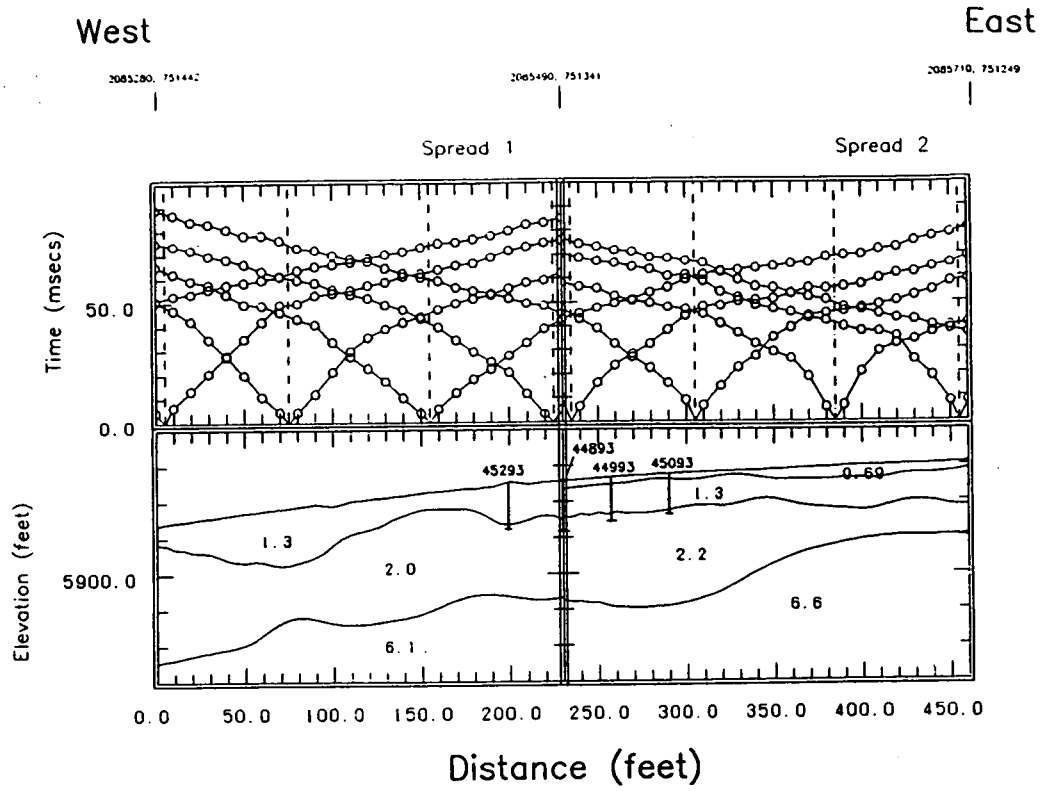
US DOE Rocky Flats Plant
Interpreted Depth Section from Seismic Refraction Survey
Line 5
Hadley & Hollingsworth, Ltd.
June 93 | Job# 93-19 | Figure 7



5.8 Velocity (kilofeet per second)

2085280, 751341 State Plane Coordinates (Easting, Northing)

US DOE Rocky Flats Plant		
Interpreted Depth Section from Seismic Refraction Survey		
Line 6		
Hadley & Hollingsworth, Ltd		
June 93	Job# 93-19	Figure 8



5.8 Velocity (kilofeet per second)

2085280, 751341 State Plane Coordinates (Easting, Northing)

45293 Boring ID

Depth to Bedrock from Boring

US DOE Rocky Flats Plant		
Interpreted Depth Section from Seismic Refraction Survey		
Line 7		
Hadley & Hollingsworth, Ltd.		
June 93	Job# 93-19	Figure 9

APPENDIX Y

COLOG INC

BOREHOLE GEOPHYSICS

17101 W COLFAX, STE. 265, GOLDEN, CO 80401
PHONE: (303) 279-0171 FAX: 279-2750

NEUTRON
GAMMA
WELL: 42193

PROJECT: ROCKY FLATS OU-4 PHASE 1 RFI/RI — DATE: 02 APRIL 1993

CLIENT: HADLEY & HOLLINGSWORTH, LTD. — COLOG ID NO:

LOCATION: ROCKY FLATS, POND 207A NORTHING: 750640 (APPROX.) EASTING: 2084730 (APPROX.)

STATE: COLORADO COUNTY: JEFFERSON ELEV: 5972.7' DEPTH REF: GROUND

BOREHOLE DATA

DRILLING CONTRACTOR: GROUND EXPLORATION COMPANY, INC. – GOLDEN, COLORADO

CUSTOMER TD: 31.3' COLOG TD: 29'

RUN NO.	BIT RECORD Bit Size	From	To	CASING RECORD Size/Wgt/Thk.	From	To
1	12"	SURFACE	10.3'	8"	SURFACE	10.3'
2	8"	10.3'	TD			
3						
4						

HOLE MEDIUM: AIR SURF – 14' WATER: 14' – TD DRILL METHOD: HOLLOW STEM AUGER

MUD TYPE: NONE TIME SINCE CIRC: N/A

VISCOSITY: N/A WEIGHT: N/A Rmf N/A at N/A Deg

GENERAL DATA

INSTRUMENTATION: MGX 200 SERIES & GEONICS EM-39 UNIT/TRUCK: 13

LOGGING ENGINEER: TOM STAATZ

CLIENT REP: MR. KENNETH PACHECO - TIERRA, MR. HENRY LEIGHTON – RUST

OTHER SERVICES: NONE

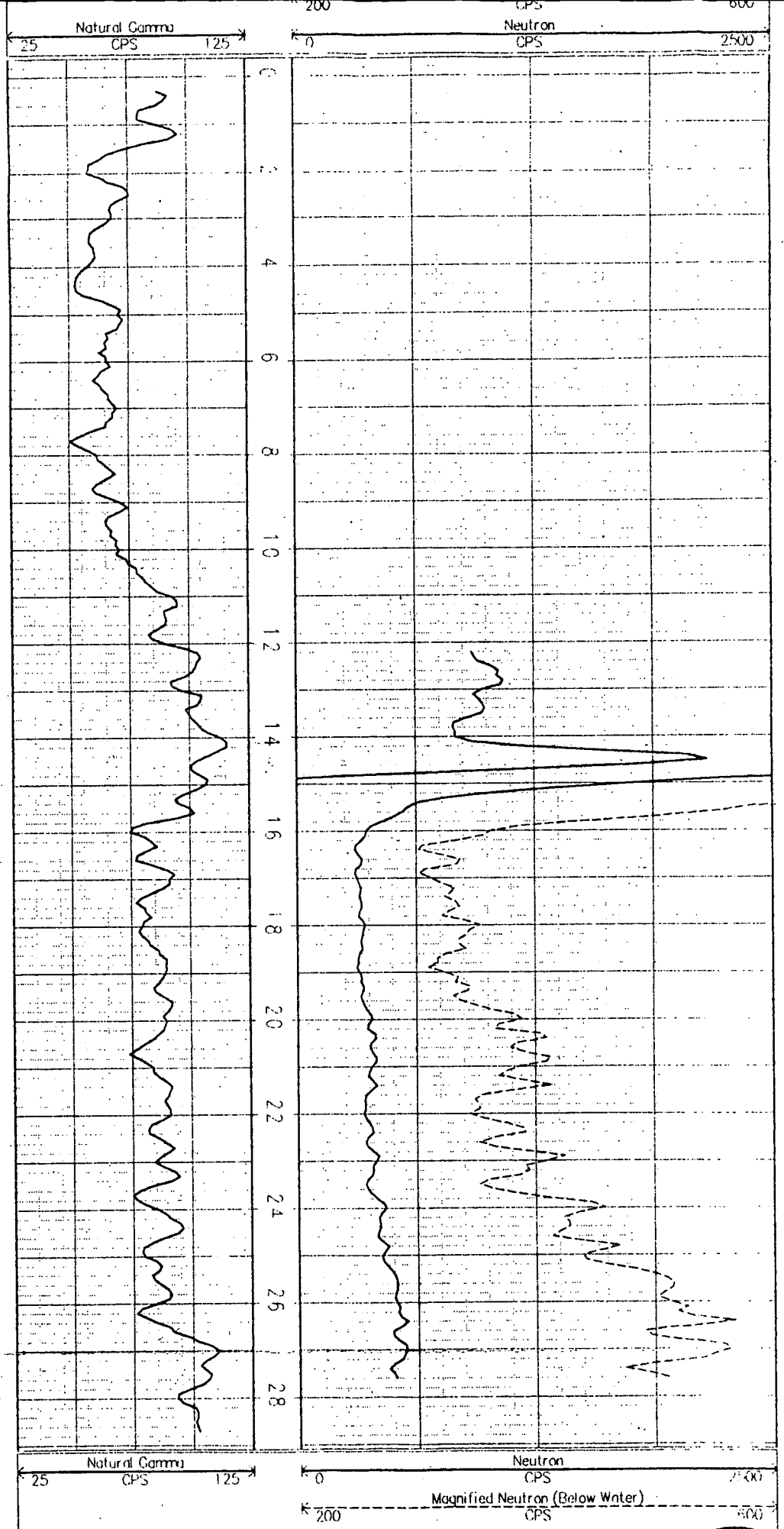
LOGGING DATA

LOG FUNCTION	RUN NO.	EQUIPMENT MODEL	PROBE S.N.	UPHOLE S.N.	LOGGING DIG INT FEET	SPEED FT./MIN	DETECTOR TYPE	SPACING Tx-Rx FEET	Rx-Rx FEET	SOURCE TYPE	SIZE CURIE	LOGGED INTERVAL FROM	TO	INT FEET
NEUTRON	3	LLP	1239	0113	0.1	6	He-3	14"		Am241	3 Ci.	27.6'	12.2'	15.4'
GAMMA	1, 2	HLP-9	1885	MDX11.5	0.1	10	Na					27.7'	0.5'	27.2'

CALIBRATION FACTOR(S):

DIGITAL FILE NAME(S): 42193.DAT, 42193.GR2, 42193.PLP 42193R.PLP 42193.HDP

REMARKS:



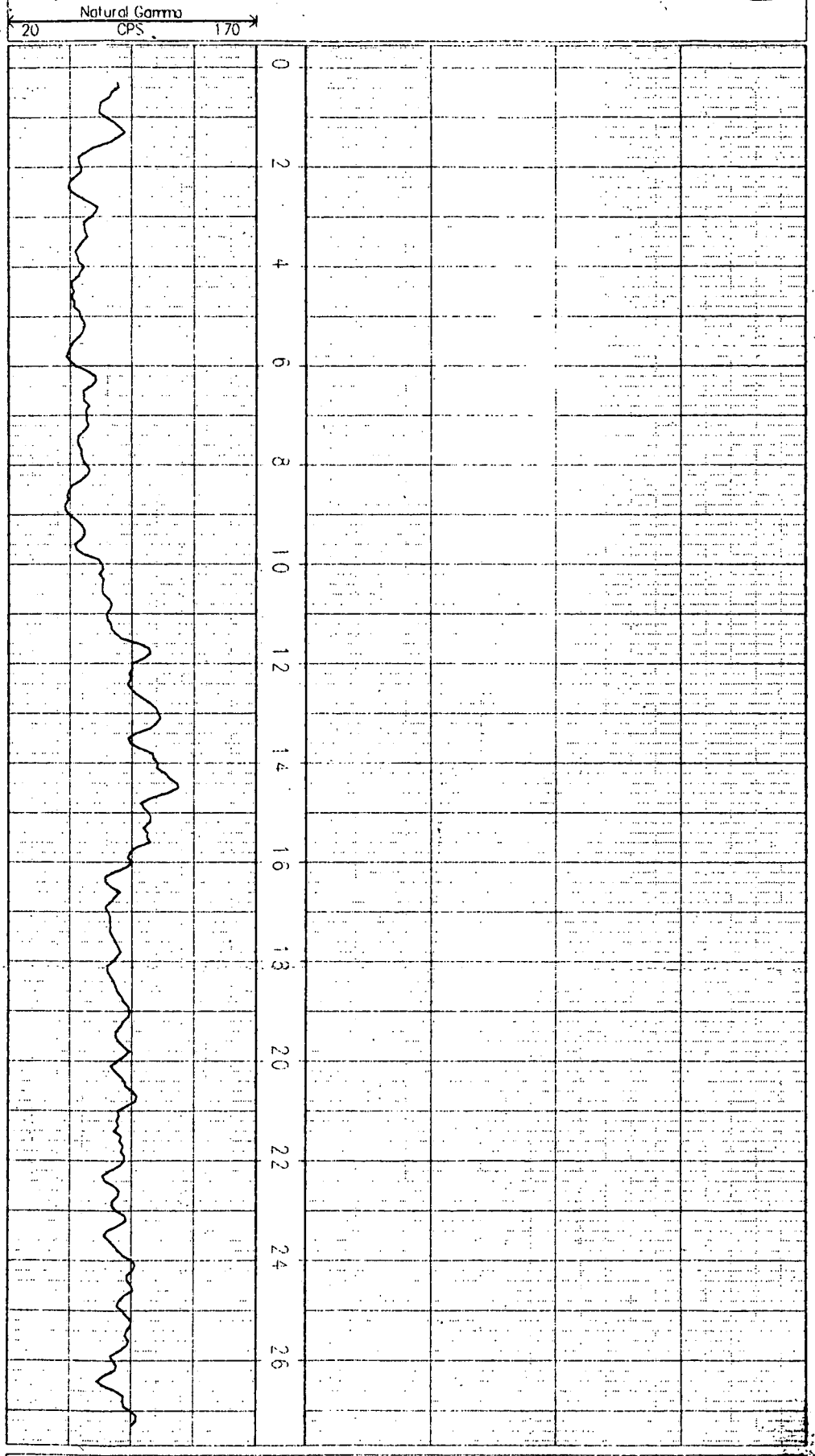
ROCKY FLATS OU-4 PROJECT HOLE 421.93 GAMMA COMPARISON COLOG

ROCKY FLATS OU-4 PROJECT HOLE 42193 02 APRIL 93

COLOG

ROCKY FLATS OU-4 PROJECT HOLE 42193 GAMMA COMPARISON

COLOG



ROCKY FLATS OU-4 PROJECT HOLE 42193 GAMMA COMPARISON

COLOG

COLOG INC
BOREHOLE GEOPHYSICS
17301 W. COLFAX, STE. 265, COLDEN, CO 80401
PHONE: (303) 279-0171 FAX: 279-2730

NEUTRON, GAMMA
CONDUCT., RESIST.
WELL: 44193

PROJECT: ROCKY FLATS. OU-4 PHASE 1 RFI/RI — DATE: 02 APRIL 1993
CLIENT: HADLEY & HOLLINGSWORTH, LTD. — COLOG ID NO:
LOCATION: ROCKY FLATS PROTECTED AREA NORTHING: 750423 (APPROX.) EASTING: 2084730 (APPROX.)
STATE: COLORADO — COUNTY: JEFFERSON — ELEV: 5959.5' — DEPTH REF: GROUND

BOREHOLE DATA

DRILLING CONTRACTOR: GROUND EXPLORATION COMPANY, INC. – GOLDEN, COLORADO
CUSTOMER TD: 50.2' — COLOG TD: 50.1'

RUN	BIT RECORD			CASING RECORD		
NO.	Bit Size	From	To	Size/Wgt/Thk.	From	To
1	12"	SURFACE	18 FEET	8"	SURFACE	18'
2	8"	18 FEET	TD			
3						
4						

HOLE MEDIUM: AIR — DRILL METHOD: HOLLOW STEM AUGER
MUD TYPE: NONE — TIME SINCE CIRC: N/A
VISCOSITY: N/A — WEIGHT: N/A — Rm: N/A — at N/A Deg

GENERAL DATA

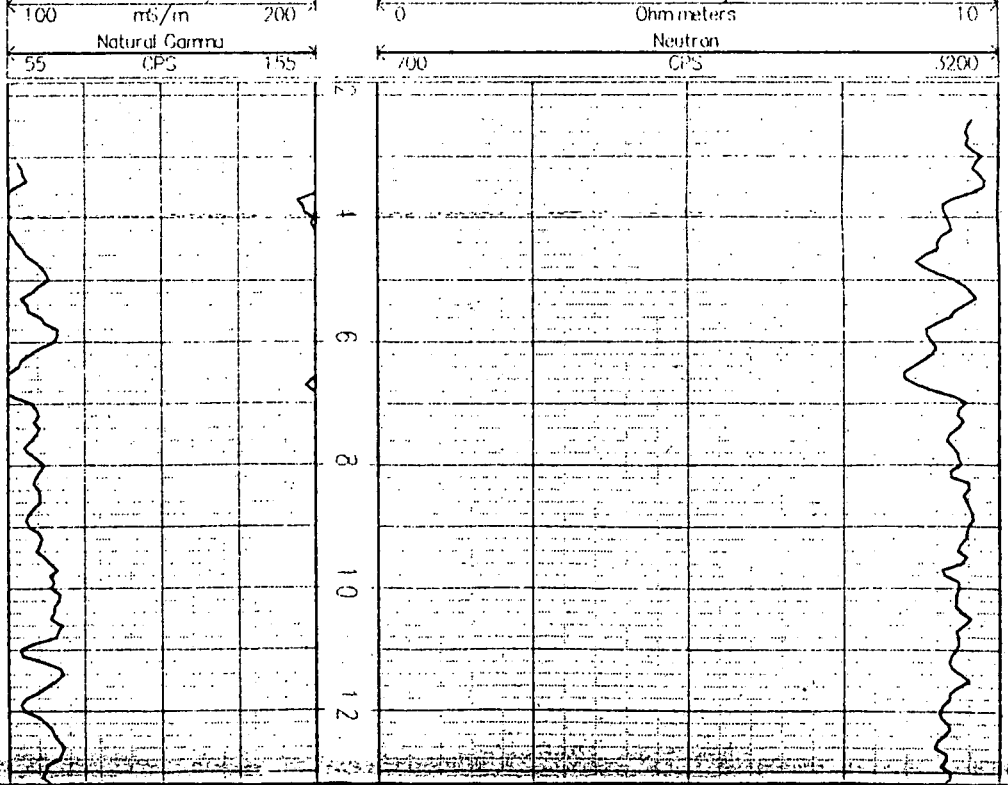
INSTRUMENTATION: MCX 200 SERIES & GEONICS EM-39 — UNIT/TRUCK: 13
LOGGING ENGINEER: TOM STAATZ
CLIENT REP: MR. KENNETH PACHECO – TIERRA, MR. HENRY LEIGHTON – RUST
OTHER SERVICES: NONE

LOGGING DATA

LOG FUNCTION	RUN NO.	EQUIPMENT MODEL	PROBE S.N.	UPHOLE S.N.	LOGGING DIG INT FEET	SPEED FT./MIN	DETECTOR TYPE	SPACING Tx-Rx FEET	Rx-Rx FEET	SOURCE TYPE	SIZE CURIE	LOGGED INTERVAL FROM	TO	INT. FEET
NEUTRON	3, 4	ILLP	1239	0113	0.1	6	He-3	14"		Am241	3 Ci.	48.7'	2.3'	46.4'
GAMMA	1, 2	HLP-S	1885	MCX113	0.1	10	NaI					49.2'	3.2'	46'
INDUCTION	5, 6	EM-39	0659	0659	0.1	7						46.5'	20'	26.5'

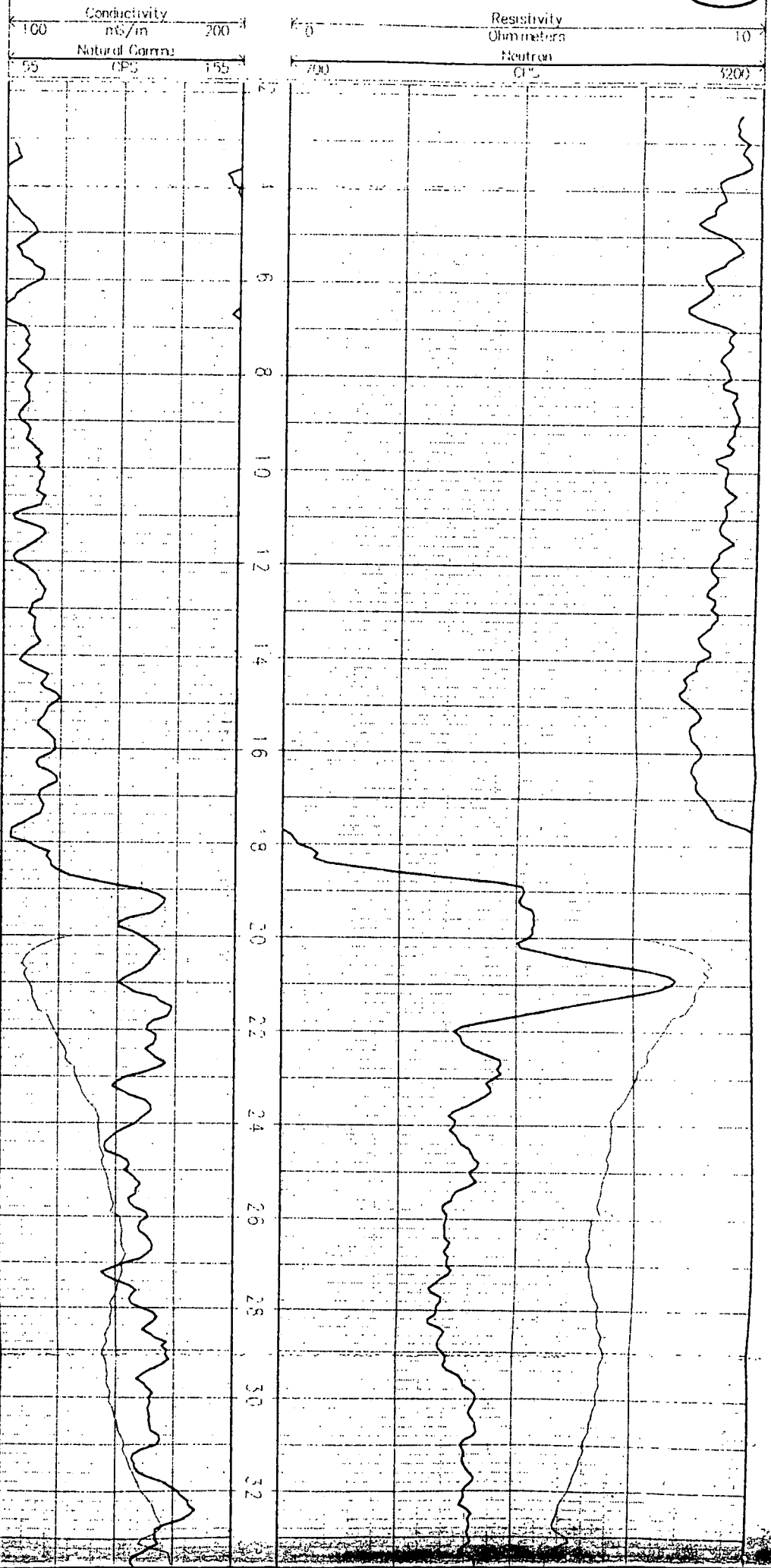
CALIBRATION FACTOR(S):
DIGITAL FILE NAME(S): 44193.DAT, 44193R.DAT, 44193.PLP 44193R.PLP 44193.HDP
REMARKS:

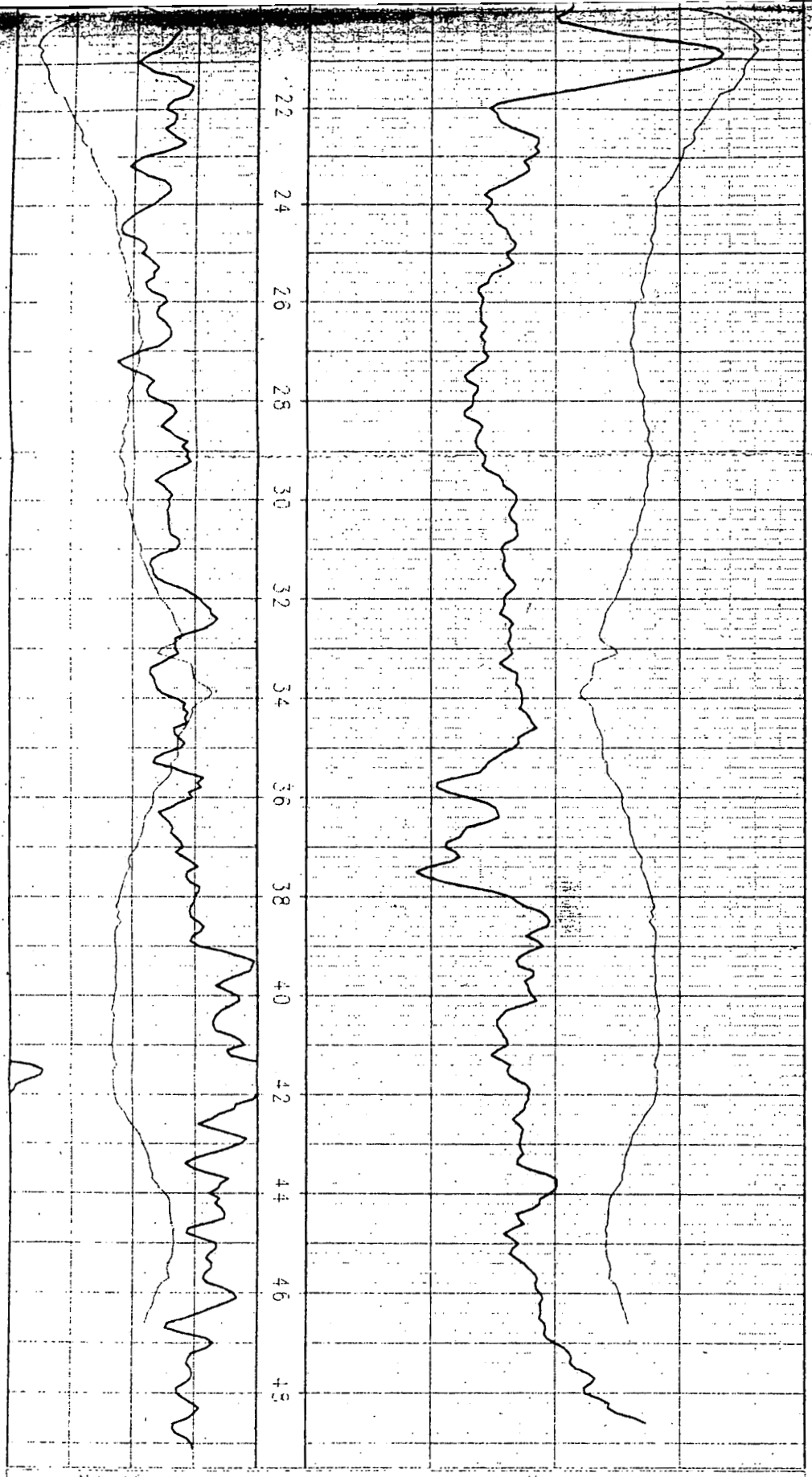
ROCKY FLATS OU-4 PROJECT HOLE 44193 02 APRIL 93



ROCKY FLATS OU-4 PROJECT HOLE 4419.3 02 APRIL 93

COLOG





ROCKY FLATS OU-4 PROJECT HOLE 44193 02 APRIL 93

COLOG

ROCKY FLATS OU-4 PROJECT HOLE 44193 COMPARISON

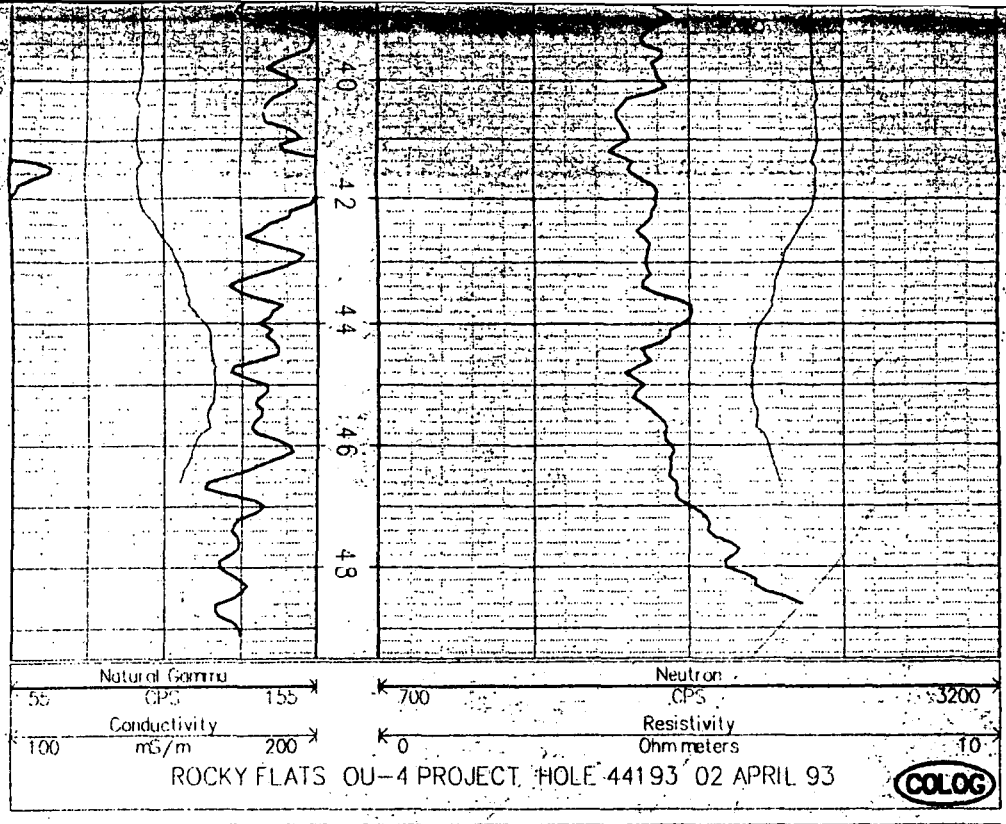
COLOG

Conductivity 100 mS/m 200

Resistivity 0 Ohmmeters 10

Natural Gamma

Neutron

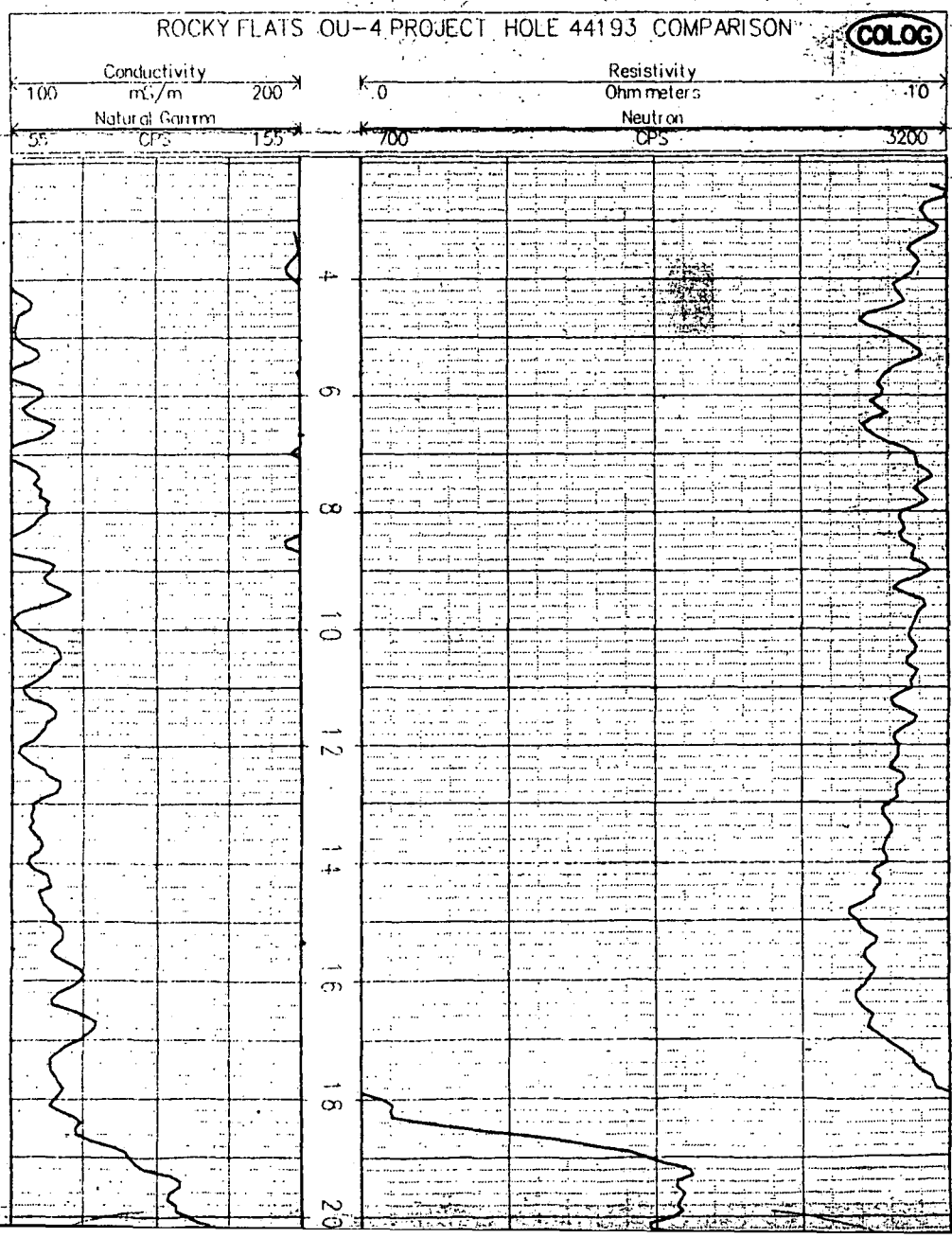


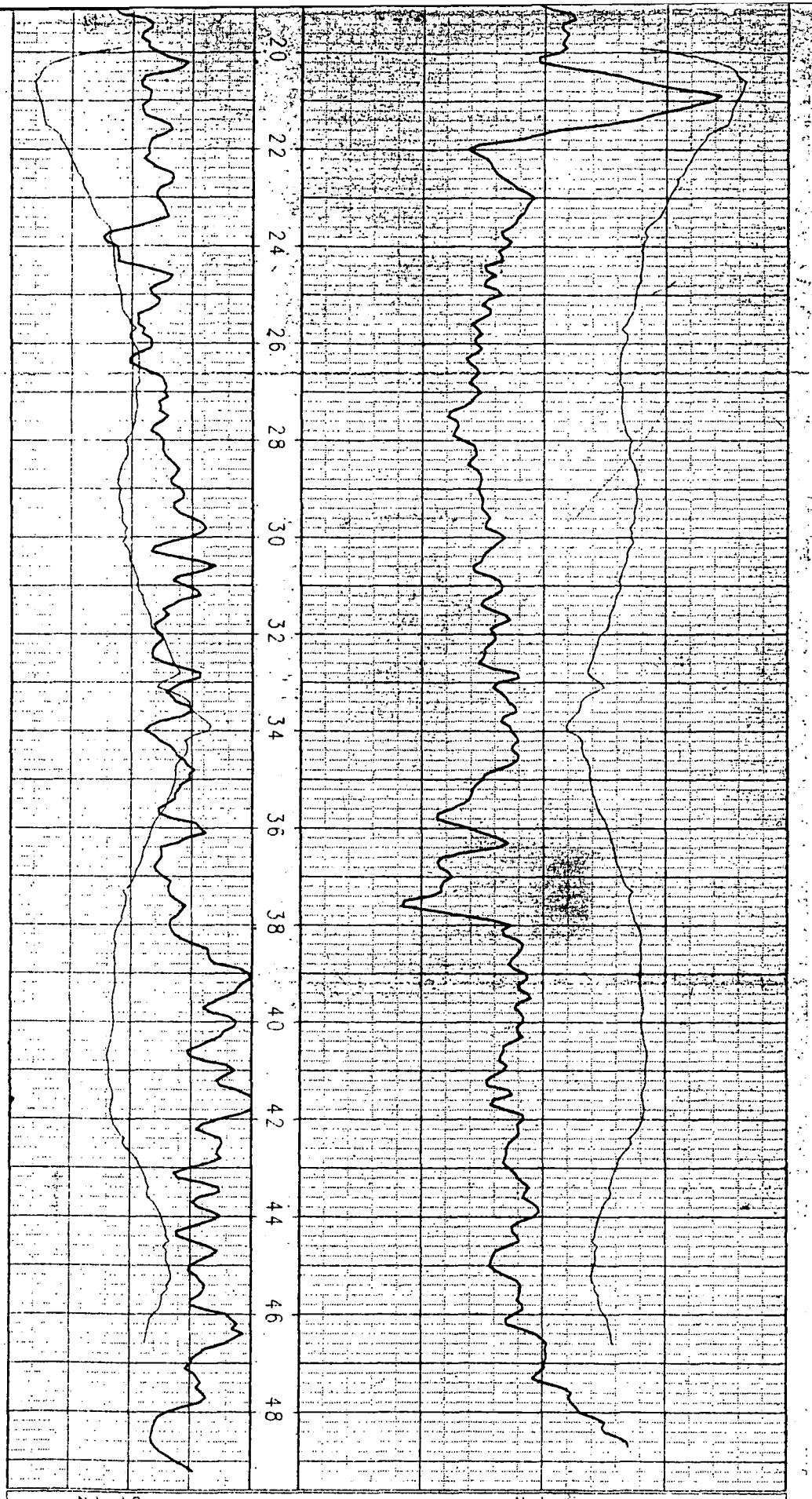
ROCKY FLATS OU-4 PROJECT HOLE 44193 02 APRIL 93

COLOG

ROCKY FLATS OU-4 PROJECT HOLE 44193 COMPARISON

COLOG





ROCKY FLATS OU-4 PROJECT HOLE 4419 3 COMPARISON

COLOR

APPENDIX II.Y

FIELD DUPLICATE SAMPLE RESULTS AND RELATIVE PERCENT DIFFERENCE CALCULATIONS

Appendix II.Y - Phase I - VOAs
Relative Percent Difference

T_grp_code / Chemical / Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
BNA625												
BENZIDINE												
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	R	0.0000				200.0000
Number achieving criteria per number dup pairs: 0 / 1								Percent achieving criteria: 0.00				
Total group achieving criteria per number dup pairs: 0 / 1								Total group achieving criteria: 0.00				
BNACLP												
1,2,4-TRICHLOROBENZENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
1,2-DICHLOROBENZENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
1,3-DICHLOROBENZENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
1,4-DICHLOROBENZENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2,4,5-TRICHLOROPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	2000.0000	UG/KG	U		2000.0000	UG/KG	U		0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
42093	08-JAN-93	SS40013AE	SS40480AE	1700.0000	UG/KG	U		1700.0000	UG/KG	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
43693	25-MAR-93	BH40563AE	BH40525AE	2000.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	1800.0000	UG/KG	U	Y	1900.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	1800.0000	UG/KG	U	V	1800.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2,4,6-TRICHLOROPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2,4-DICHLOROPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2,4-DIMETHYLPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2,4-DINITROPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	2000.0000	UG/KG	U		2000.0000	UG/KG	U		0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
42093	08-JAN-93	SS40013AE	SS40480AE	1700.0000	UG/KG	U		1700.0000	UG/KG	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	2000.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	1800.0000	UG/KG	U	Y	1900.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	1800.0000	UG/KG	U	V	1800.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2,4-DINITROTOLUENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2,6-DINITROTOLUENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000

T_grp_code

Chemical / Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2-CHLORONAPHTHALENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2-CHLOROPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2-METHYLNAPHTHALENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	R	380.0000	UG/KG	U	R	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2-METHYLPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2-NITROANILINE												
40993	26-FEB-93	SS40412AE	SS40072AE	2000.0000	UG/KG	U		2000.0000	UG/KG	U		0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
42093	08-JAN-93	SS40013AE	SS40480AE	1700.0000	UG/KG	U		1700.0000	UG/KG	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	2000.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	1800.0000	UG/KG	U	Y	1900.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	1800.0000	UG/KG	U	V	1800.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
2-NITROPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
3,3'-DICHLOROBENZIDINE												
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
3,3'-DICHLOROBENZIDINE												
40993	26-FEB-93	SS40412AE	SS40072AE	790.0000	UG/KG	U		790.0000	UG/KG	U		0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	760.0000	UG/KG	U	JA	780.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	690.0000	UG/KG	U		690.0000	UG/KG	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	740.0000	UG/KG	U	V	760.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	780.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	720.0000	UG/KG	U	Y	760.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	710.0000	UG/KG	U	R	710.0000	UG/KG	U	R	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
3-NITROANILINE												
40993	26-FEB-93	SS40412AE	SS40072AE	2000.0000	UG/KG	U		2000.0000	UG/KG	U		0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
42093	08-JAN-93	SS40013AE	SS40480AE	1700.0000	UG/KG	U		1700.0000	UG/KG	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	2000.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	1800.0000	UG/KG	U	Y	1900.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	1800.0000	UG/KG	U	V	1800.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
4,6-DINITRO-2-METHYLPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	2000.0000	UG/KG	U		2000.0000	UG/KG	U		0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
42093	08-JAN-93	SS40013AE	SS40480AE	1700.0000	UG/KG	U		1700.0000	UG/KG	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	2000.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	1800.0000	UG/KG	U	Y	1900.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	1800.0000	UG/KG	U	V	1800.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
4-CHLORO-3-METHYLPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
4-CHLOROANILINE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
4-CHLOROPHENYL PHENYL ETHER												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
CHLOROFORM												
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
4-METHYLPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
4-NITROANILINE												
40993	26-FEB-93	SS40412AE	SS40072AE	2000.0000	UG/KG	U		2000.0000	UG/KG	U		0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
42093	08-JAN-93	SS40013AE	SS40480AE	1700.0000	UG/KG	U		1700.0000	UG/KG	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	2000.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	1800.0000	UG/KG	U	Y	1900.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	1800.0000	UG/KG	U	V	1800.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
4-NITROPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	2000.0000	UG/KG	U		2000.0000	UG/KG	U		0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
42093	08-JAN-93	SS40013AE	SS40480AE	1700.0000	UG/KG	U		1700.0000	UG/KG	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	2000.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	1800.0000	UG/KG	U	Y	1900.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	1800.0000	UG/KG	U	V	1800.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
ACENAPHTHENE												
40993	26-FEB-93	SS40412AE	SS40072AE	81.0000	UG/KG	J		78.0000	UG/KG	J		3.7700
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
ACENAPHTHYLENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
ANTHRACENE												

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
40993	26-FEB-93	SS40412AE	SS40072AE	120.0000	UG/KG	J		110.0000	UG/KG	J		8.7000
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200

Number achieving criteria per number dup pairs: 6 / 7 Percent achieving criteria: 85.71

BENZO(a)ANTHRACENE												
40993	26-FEB-93	SS40412AE	SS40072AE	350.0000	UG/KG	J		320.0000	UG/KG	J		8.9600
41793	09-FEB-93	SS40069AE	SS40077AE	110.0000	UG/KG	J	A	79.0000	UG/KG	J	A	32.8000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	59.0000	UG/KG	J	A	143.6800

Number achieving criteria per number dup pairs: 5 / 7 Percent achieving criteria: 71.43

BENZO(a)PYRENE												
40993	26-FEB-93	SS40412AE	SS40072AE	410.0000	UG/KG			380.0000	UG/KG	J		7.5900
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	JA	390.0000	UG/KG	U	JA	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	JA	380.0000	UG/KG	U	JA	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	120.0000	UG/KG	J	A	100.0000

Number achieving criteria per number dup pairs: 5 / 7 Percent achieving criteria: 71.43

BENZO(b)FLUORANTHENE												
40993	26-FEB-93	SS40412AE	SS40072AE	670.0000	UG/KG	X		580.0000	UG/KG	X		14.4000
41793	09-FEB-93	SS40069AE	SS40077AE	200.0000	UG/KG	JX	A	180.0000	UG/KG	JX	A	10.5300
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		40.0000	UG/KG	JX	A	157.8900
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	JA	380.0000	UG/KG	U	JA	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	94.0000	UG/KG	JX	A	117.1800

Number achieving criteria per number dup pairs: 4 / 7 Percent achieving criteria: 57.14

BENZO(ghi)PERYLENE												
40993	26-FEB-93	SS40412AE	SS40072AE	310.0000	UG/KG	J		250.0000	UG/KG	J		21.4300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	JA	390.0000	UG/KG	U	JA	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	JA	380.0000	UG/KG	U	JA	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	15.0000	UG/KG	J	A	184.0000

Number achieving criteria per number dup pairs: 5 / 7 Percent achieving criteria: 71.43

BENZO(k)FLUORANTHENE												
40993	26-FEB-93	SS40412AE	SS40072AE	840.0000	UG/KG	X		720.0000	UG/KG	X		15.3800
41793	09-FEB-93	SS40069AE	SS40077AE	250.0000	UG/KG	JX	A	220.0000	UG/KG	JX	A	12.7700
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		59.0000	UG/KG	JX	A	140.8500
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	JA	380.0000	UG/KG	U	JA	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	100.0000	UG/KG	JX	R	113.0400

Number achieving criteria per number dup pairs: 4 / 7 Percent achieving criteria: 57.14

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
BENZOIC ACID												
40993	26-FEB-93	SS40412AE	SS40072AE	2000.0000	UG/KG	U		2000.0000	UG/KG	U		0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
42093	08-JAN-93	SS40013AE	SS40480AE	1700.0000	UG/KG	U		1700.0000	UG/KG	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	2000.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	1800.0000	UG/KG	U	Y	1900.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	1800.0000	UG/KG	U	V	1800.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
BENZYL ALCOHOL												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
BIS(2-CHLOROETHOXY)METHANE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
BIS(2-CHLOROETHYL)ETHER												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
BIS(2-CHLOROISOPROPYL)ETHER												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
BIS(2-ETHYLHEXYL)PHTHALATE												
40993	26-FEB-93	SS40412AE	SS40072AE	120.0000	UG/KG	J		130.0000	UG/KG	J		8.0000
41793	09-FEB-93	SS40069AE	SS40077AE	160.0000	UG/KG	J	A	130.0000	UG/KG	J	A	20.6900
42093	08-JAN-93	SS40013AE	SS40480AE	150.0000	UG/KG	J		200.0000	UG/KG	J	A	28.5700
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	43.0000	UG/KG	J	A	157.3200

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
Number achieving criteria per number dup pairs: 5 / 7								Percent achieving criteria: 71.43				
BUTYL BENZYL PHTHALATE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	JA	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		92.0000	UG/KG	J	A	114.8100
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 5 / 7								Percent achieving criteria: 71.43				
CHRYSENE												
40993	26-FEB-93	SS40412AE	SS40072AE	440.0000	UG/KG			380.0000	UG/KG	J		14.6300
41793	09-FEB-93	SS40069AE	SS40077AE	160.0000	UG/KG	J	A	110.0000	UG/KG	J	A	37.0400
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	64.0000	UG/KG	J	A	139.6200
Number achieving criteria per number dup pairs: 5 / 7								Percent achieving criteria: 71.43				
DI-n-BUTYL PHTHALATE												
40993	26-FEB-93	SS40412AE	SS40072AE	52.0000	UG/KG	J		41.0000	UG/KG	J		23.6600
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		36.0000	UG/KG	J	A	161.7000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	98.0000	UG/KG	J	A	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	900.0000	UG/KG		V	85.7100
Number achieving criteria per number dup pairs: 4 / 7								Percent achieving criteria: 57.14				
DI-n-OCTYL PHTHALATE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	JA	75.0000	UG/KG	J	A	134.0700
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	JA	380.0000	UG/KG	U	JA	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 5 / 7								Percent achieving criteria: 71.43				
DIBENZO(a,h)ANTHRACENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		50.0000	UG/KG	J		155.5600
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	JA	390.0000	UG/KG	U	JA	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	JA	380.0000	UG/KG	U	JA	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 5 / 7								Percent achieving criteria: 71.43				
DIBENZOFURAN												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
DIETHYL PHTHALATE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	JA	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
DIMETHYL PHTHALATE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	94.0000	UG/KG	J	A	390.0000	UG/KG	U	V	122.3100
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 5 / 7								Percent achieving criteria: 71.43				
FLUORANTHENE												
40993	26-FEB-93	SS40412AE	SS40072AE	770.0000	UG/KG			710.0000	UG/KG			8.1100
41793	09-FEB-93	SS40069AE	SS40077AE	220.0000	UG/KG	J	A	220.0000	UG/KG	J	A	0.0000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		48.0000	UG/KG	J	A	150.5200
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	74.0000	UG/KG	J	A	150.0000	UG/KG	J	A	67.8600
Number achieving criteria per number dup pairs: 4 / 7								Percent achieving criteria: 57.14				
FLUORENE												
40993	26-FEB-93	SS40412AE	SS40072AE	60.0000	UG/KG	J		53.0000	UG/KG	J		12.3900
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
HEXACHLOROBENZENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
HEXACHLOROBUTADIENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
HEXACHLOROCYCLOPENTADIENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
HEXACHLOROETHANE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
INDENO(1,2,3-cd)PYRENE												
40993	26-FEB-93	SS40412AE	SS40072AE	340.0000	UG/KG	J		290.0000	UG/KG	J		15.8700
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	JA	390.0000	UG/KG	U	JA	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	JA	380.0000	UG/KG	U	JA	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
ISOPHORONE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
N-NITROSO-DI-n-PROPYLAMINE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
N-NITROSODIPHENYLAMINE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
NAPHTHALENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
NITROBENZENE												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
PENTACHLOROPHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	2000.0000	UG/KG	U		2000.0000	UG/KG	U		0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
42093	08-JAN-93	SS40013AE	SS40480AE	1700.0000	UG/KG	U		1700.0000	UG/KG	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	1900.0000	UG/KG	U	V	1900.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	2000.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	1800.0000	UG/KG	U	Y	1900.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	1800.0000	UG/KG	U	V	1800.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
PHENANTHRENE												
40993	26-FEB-93	SS40412AE	SS40072AE	510.0000	UG/KG			470.0000	UG/KG			8.1600
41793	09-FEB-93	SS40069AE	SS40077AE	200.0000	UG/KG	J	A	140.0000	UG/KG	J	A	35.2900
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		37.0000	UG/KG	J	A	160.7400
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	48.0000	UG/KG	J	A	120.0000	UG/KG	J	A	85.7100
Number achieving criteria per number dup pairs: 4 / 7								Percent achieving criteria: 57.14				
PHENOL												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
PYRENE												
40993	26-FEB-93	SS40412AE	SS40072AE	1000.0000	UG/KG			930.0000	UG/KG			7.2500
41793	09-FEB-93	SS40069AE	SS40077AE	410.0000	UG/KG		JA	270.0000	UG/KG	J	A	41.1800
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		53.0000	UG/KG	J	A	146.0600

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	75.0000	UG/KG	J	A	130.0000	UG/KG	J	A	53.6600
Number achieving criteria per number dup pairs: 3 / 7								Percent achieving criteria: 42.86				
p-BROMODIPHENYL ETHER												
40993	26-FEB-93	SS40412AE	SS40072AE	400.0000	UG/KG	U		390.0000	UG/KG	U		2.5300
41793	09-FEB-93	SS40069AE	SS40077AE	380.0000	UG/KG	U	V	390.0000	UG/KG	U	V	2.6000
42093	08-JAN-93	SS40013AE	SS40480AE	340.0000	UG/KG	U		350.0000	UG/KG	U	V	2.9000
43493	21-APR-93	BH40573AE	BH40319AE	370.0000	UG/KG	U	V	380.0000	UG/KG	U	V	2.6700
43693	25-MAR-93	BH40563AE	BH40525AE	390.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	360.0000	UG/KG	U	Y	380.0000	UG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	360.0000	UG/KG	U	V	350.0000	UG/KG	U	V	2.8200
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
Total group achieving criteria per number dup pairs: 368 / 455								Total group achieving criteria: 80.88				

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1,1,1-TRICHLOROETHANE												
40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800
Number achieving criteria per number dup pairs: 9 / 12								Percent achieving criteria: 75.00				
1,1,2,2-TETRACHLOROETHANE												
40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800
Number achieving criteria per number dup pairs: 9 / 12								Percent achieving criteria: 75.00				
1,1,2-TRICHLOROETHANE												
40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

1,1-DICHLOROETHANE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

1,1-DICHLOROETHENE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

1,2-DICHLOROETHANE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

1,2-DICHLOROETHENE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
1,2-DICHLOROPROPANE												
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800
Number achieving criteria per number dup pairs: 9 / 12								Percent achieving criteria: 75.00				
1,2-DICHLOROPROPANE												
40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800
Number achieving criteria per number dup pairs: 9 / 12								Percent achieving criteria: 75.00				
2-BUTANONE												
40593	26-JAN-93	BH40098AE	BH40129AE	13.0000	UG/KG	U	R	11.0000	UG/KG	U	R	16.6700
41293	23-FEB-93	BH40406AE	BH40197AE	11.0000	UG/KG	U	R	56.0000	UG/KG	U	R	134.3300
41993	14-JAN-93	BH40107AE	BH40066AE	11.0000	UG/KG	U	R	12.0000	UG/KG	U	R	8.7000
42493	23-MAR-93	BH40113AE	BH40283AE	12.0000	UG/KG	U	R	13.0000	UG/KG	U	R	8.0000
42993	20-JAN-93	BH40095AE	BH40143AE	11.0000	UG/KG	U	R	10.0000	UG/KG	U	R	9.5200
43193	12-FEB-93	BH40411AE	BH40307AE	21.0000	UG/KG	U	R	21.0000	UG/KG	U	R	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	11.0000	UG/KG	U	R	11.0000	UG/KG	U	R	0.0000
44893	14-JAN-93	BH40102AE	BH40190AE	11.0000	UG/KG	U	R	11.0000	UG/KG	U	R	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	12.0000	UG/KG	U	R	12.0000	UG/KG	U	R	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	12.0000	UG/KG	U	R	60.0000	UG/KG	U	R	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	12.0000	UG/KG	U	R	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 9 / 12								Percent achieving criteria: 75.00				
2-HEXANONE												
40593	26-JAN-93	BH40098AE	BH40129AE	13.0000	UG/KG	U	V	11.0000	UG/KG	U	V	16.6700
41293	23-FEB-93	BH40406AE	BH40197AE	11.0000	UG/KG	U	V	56.0000	UG/KG	U	V	134.3300
41993	14-JAN-93	BH40107AE	BH40066AE	11.0000	UG/KG	U	V	12.0000	UG/KG	U	V	8.7000
42493	23-MAR-93	BH40113AE	BH40283AE	12.0000	UG/KG	U	V	13.0000	UG/KG	U	V	8.0000
42993	20-JAN-93	BH40095AE	BH40143AE	11.0000	UG/KG	U	V	10.0000	UG/KG	U	V	9.5200
43193	12-FEB-93	BH40411AE	BH40307AE	21.0000	UG/KG	U	V	21.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
44893	14-JAN-93	BH40102AE	BH40190AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	12.0000	UG/KG	U	V	60.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	12.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 9 / 12								Percent achieving criteria: 75.00				
4-METHYL-2-PENTANONE												
40593	26-JAN-93	BH40098AE	BH40129AE	13.0000	UG/KG	U	V	11.0000	UG/KG	U	V	16.6700
41293	23-FEB-93	BH40406AE	BH40197AE	11.0000	UG/KG	U	V	56.0000	UG/KG	U	V	134.3300
41993	14-JAN-93	BH40107AE	BH40066AE	11.0000	UG/KG	U	V	12.0000	UG/KG	U	V	8.7000
42493	23-MAR-93	BH40113AE	BH40283AE	12.0000	UG/KG	U	V	13.0000	UG/KG	U	V	8.0000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
42993	20-JAN-93	BH40095AE	BH40143AE	11.0000	UG/KG	U	V	10.0000	UG/KG	U	V	9.5200
43193	12-FEB-93	BH40411AE	BH40307AE	21.0000	UG/KG	U	V	21.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
44893	14-JAN-93	BH40102AE	BH40190AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	12.0000	UG/KG	U	V	60.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	12.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

ACETONE

40593	26-JAN-93	BH40098AE	BH40129AE	13.0000	UG/KG	U	R	11.0000	UG/KG	U	R	16.6700
41293	23-FEB-93	BH40406AE	BH40197AE	11.0000	UG/KG	U	V	56.0000	UG/KG	U	JA	134.3300
41993	14-JAN-93	BH40107AE	BH40066AE	11.0000	UG/KG	U	R	12.0000	UG/KG	U	R	8.7000
42493	23-MAR-93	BH40113AE	BH40283AE	31.0000	UG/KG	U	JA	50.0000	UG/KG	U	JA	46.9100
42993	20-JAN-93	BH40095AE	BH40143AE	11.0000	UG/KG	U	R	10.0000	UG/KG	U	R	9.5200
43193	12-FEB-93	BH40411AE	BH40307AE	21.0000	UG/KG	U	JA	25.0000	UG/KG	U	JA	17.3900
43893	05-FEB-93	BH40027AE	BH40072AE	31.0000	UG/KG		V	17.0000	UG/KG	U	JA	58.3300
44893	14-JAN-93	BH40102AE	BH40190AE	11.0000	UG/KG	U	R	11.0000	UG/KG	U	R	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	12.0000	UG/KG	U	V	60.0000	UG/KG	B	V	133.3300
46193	24-MAR-93	BH40561AE	BH40386AE	17.0000	UG/KG	U	JA	60.0000	UG/KG	U	V	111.6900
46293	25-MAR-93	BH40564AE	BH40563AE	12.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	11.0000	UG/KG	U	R	11.0000	UG/KG	U	R	0.0000

Number achieving criteria per number dup pairs: 6 / 12 Percent achieving criteria: 50.00

BENZENE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

BROMODICHLOROMETHANE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

BROMOFORM

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

BROMOMETHANE

40593	26-JAN-93	BH40098AE	BH40129AE	13.0000	UG/KG	U	V	11.0000	UG/KG	U	V	16.6700
41293	23-FEB-93	BH40406AE	BH40197AE	11.0000	UG/KG	U	V	56.0000	UG/KG	U	V	134.3300
41993	14-JAN-93	BH40107AE	BH40066AE	11.0000	UG/KG	U	V	12.0000	UG/KG	U	V	8.7000
42493	23-MAR-93	BH40113AE	BH40283AE	12.0000	UG/KG	U	V	13.0000	UG/KG	U	V	8.0000
42993	20-JAN-93	BH40095AE	BH40143AE	11.0000	UG/KG	U	V	10.0000	UG/KG	U	V	9.5200
43193	12-FEB-93	BH40411AE	BH40307AE	21.0000	UG/KG	U	V	21.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
44893	14-JAN-93	BH40102AE	BH40190AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	12.0000	UG/KG	U	V	60.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	12.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

CARBON DISULFIDE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

CARBON TETRACHLORIDE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

CHLOROBENZENE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

CHLOROETHANE

40593	26-JAN-93	BH40098AE	BH40129AE	13.0000	UG/KG	U	V	11.0000	UG/KG	U	V	16.6700
41293	23-FEB-93	BH40406AE	BH40197AE	11.0000	UG/KG	U	V	56.0000	UG/KG	U	V	134.3300
41993	14-JAN-93	BH40107AE	BH40066AE	11.0000	UG/KG	U	V	12.0000	UG/KG	U	V	8.7000
42493	23-MAR-93	BH40113AE	BH40283AE	12.0000	UG/KG	U	V	13.0000	UG/KG	U	V	8.0000
42993	20-JAN-93	BH40095AE	BH40143AE	11.0000	UG/KG	U	V	10.0000	UG/KG	U	V	9.5200
43193	12-FEB-93	BH40411AE	BH40307AE	21.0000	UG/KG	U	V	21.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
44893	14-JAN-93	BH40102AE	BH40190AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	12.0000	UG/KG	U	V	60.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	12.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

CHLOROFORM

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

CHLOROMETHANE

40593	26-JAN-93	BH40098AE	BH40129AE	13.0000	UG/KG	U	V	11.0000	UG/KG	U	V	16.6700
41293	23-FEB-93	BH40406AE	BH40197AE	11.0000	UG/KG	U	V	56.0000	UG/KG	U	V	134.3300
41993	14-JAN-93	BH40107AE	BH40066AE	11.0000	UG/KG	U	V	12.0000	UG/KG	U	V	8.7000
42493	23-MAR-93	BH40113AE	BH40283AE	12.0000	UG/KG	U	V	13.0000	UG/KG	U	V	8.0000
42993	20-JAN-93	BH40095AE	BH40143AE	11.0000	UG/KG	U	V	10.0000	UG/KG	U	V	9.5200
43193	12-FEB-93	BH40411AE	BH40307AE	21.0000	UG/KG	U	V	21.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	11.0000	UG/KG	U	R	11.0000	UG/KG	U	V	0.0000
44893	14-JAN-93	BH40102AE	BH40190AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	12.0000	UG/KG	U	V	60.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	12.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

DIBROMOCHLOROMETHANE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

ETHYLBENZENE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

METHYLENE CHLORIDE

40593	26-JAN-93	BH40098AE	BH40129AE	30.0000	UG/KG		V	25.0000	UG/KG		V	18.1800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG		V	5.0000	UG/KG	J	A	18.1800
42493	23-MAR-93	BH40113AE	BH40283AE	7.0000	UG/KG		V	8.0000	UG/KG		V	13.3300
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	2.0000	UG/KG	J	A	11.0000	UG/KG	U	V	138.4600
43893	05-FEB-93	BH40027AE	BH40072AE	3.0000	UG/KG	J	A	2.0000	UG/KG	J	A	40.0000
44893	14-JAN-93	BH40102AE	BH40190AE	2.0000	UG/KG	J	A	5.0000	UG/KG	J	A	85.7100
45893	16-MAR-93	BH40556AE	BH40379AE	59.0000	UG/KG		V	71.0000	UG/KG		V	18.4600
46193	24-MAR-93	BH40561AE	BH40386AE	7.0000	UG/KG		V	30.0000	UG/KG	U	V	124.3200
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 7 / 12 Percent achieving criteria: 58.33

STYRENE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

TETRACHLOROETHENE

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

TOLUENE

40593	26-JAN-93	BH40098AE	BH40129AE	140.0000	UG/KG		V	120.0000	UG/KG		V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	55.0000	UG/KG		V	180.0000	UG/KG		V	106.3800
41993	14-JAN-93	BH40107AE	BH40066AE	47.0000	UG/KG		V	28.0000	UG/KG		V	50.6700
42493	23-MAR-93	BH40113AE	BH40283AE	40.0000	UG/KG		V	150.0000	UG/KG		V	115.7900
42993	20-JAN-93	BH40095AE	BH40143AE	81.0000	UG/KG		V	3.0000	UG/KG	J	A	185.7100
43193	12-FEB-93	BH40411AE	BH40307AE	390.0000	UG/KG		V	200.0000	UG/KG		V	64.4100
43893	05-FEB-93	BH40027AE	BH40072AE	29.0000	UG/KG		V	21.0000	UG/KG		V	32.0000
44893	14-JAN-93	BH40102AE	BH40190AE	130.0000	UG/KG		V	110.0000	UG/KG		V	16.6700
45893	16-MAR-93	BH40556AE	BH40379AE	76.0000	UG/KG		V	48.0000	UG/KG		V	45.1600
46193	24-MAR-93	BH40561AE	BH40386AE	170.0000	UG/KG		V	360.0000	UG/KG		V	71.7000
46293	25-MAR-93	BH40564AE	BH40563AE	110.0000	UG/KG		V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	30.0000	UG/KG		V	32.0000	UG/KG		V	6.4500

Number achieving criteria per number dup pairs: 4 / 12 Percent achieving criteria: 33.33

TOTAL XYLENES

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

TRICHLOROETHENE

40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
VINYL ACETATE												
40593	26-JAN-93	BH40098AE	BH40129AE	13.0000	UG/KG	U	V	11.0000	UG/KG	U	V	16.6700
41293	23-FEB-93	BH40406AE	BH40197AE	11.0000	UG/KG	U	V	56.0000	UG/KG	U	V	134.3300
41993	14-JAN-93	BH40107AE	BH40066AE	11.0000	UG/KG	U	V	12.0000	UG/KG	U	V	8.7000
42493	23-MAR-93	BH40113AE	BH40283AE	12.0000	UG/KG	U	V	13.0000	UG/KG	U	V	8.0000
42993	20-JAN-93	BH40095AE	BH40143AE	11.0000	UG/KG	U	V	10.0000	UG/KG	U	V	9.5200
43193	12-FEB-93	BH40411AE	BH40307AE	21.0000	UG/KG	U	V	21.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
44893	14-JAN-93	BH40102AE	BH40190AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	12.0000	UG/KG	U	V	60.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	12.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 9 / 12								Percent achieving criteria: 75.00				
VINYL CHLORIDE												
40593	26-JAN-93	BH40098AE	BH40129AE	13.0000	UG/KG	U	V	11.0000	UG/KG	U	V	16.6700
41293	23-FEB-93	BH40406AE	BH40197AE	11.0000	UG/KG	U	V	56.0000	UG/KG	U	V	134.3300
41993	14-JAN-93	BH40107AE	BH40066AE	11.0000	UG/KG	U	V	12.0000	UG/KG	U	V	8.7000
42493	23-MAR-93	BH40113AE	BH40283AE	12.0000	UG/KG	U	V	13.0000	UG/KG	U	V	8.0000
42993	20-JAN-93	BH40095AE	BH40143AE	11.0000	UG/KG	U	V	10.0000	UG/KG	U	V	9.5200
43193	12-FEB-93	BH40411AE	BH40307AE	21.0000	UG/KG	U	V	21.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
44893	14-JAN-93	BH40102AE	BH40190AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	12.0000	UG/KG	U	V	60.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	12.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 9 / 12								Percent achieving criteria: 75.00				
cis-1,3-DICHLOROPROPENE												
40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800
Number achieving criteria per number dup pairs: 9 / 12								Percent achieving criteria: 75.00				
trans-1,3-DICHLOROPROPENE												
40593	26-JAN-93	BH40098AE	BH40129AE	7.0000	UG/KG	U	V	6.0000	UG/KG	U	V	15.3800
41293	23-FEB-93	BH40406AE	BH40197AE	6.0000	UG/KG	U	V	28.0000	UG/KG	U	V	129.4100
41993	14-JAN-93	BH40107AE	BH40066AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42493	23-MAR-93	BH40113AE	BH40283AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
42993	20-JAN-93	BH40095AE	BH40143AE	5.0000	UG/KG	U	V	5.0000	UG/KG	U	V	0.0000
43193	12-FEB-93	BH40411AE	BH40307AE	11.0000	UG/KG	U	V	11.0000	UG/KG	U	V	0.0000
43893	05-FEB-93	BH40027AE	BH40072AE	5.0000	UG/KG	U	V	6.0000	UG/KG	U	V	18.1800
44893	14-JAN-93	BH40102AE	BH40190AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
45893	16-MAR-93	BH40556AE	BH40379AE	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
46193	24-MAR-93	BH40561AE	BH40386AE	6.0000	UG/KG	U	V	30.0000	UG/KG	U	V	133.3300
46293	25-MAR-93	BH40564AE	BH40563AE	6.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	BH40820AE	BH40758AE	6.0000	UG/KG	U	V	5.0000	UG/KG	U	V	18.1800

Appendix II.Y - Phase I - VOAs
Relative Percent Difference

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff

Number achieving criteria per number dup pairs: 9 / 12 Percent achieving criteria: 75.00
Total group achieving criteria per number dup pairs: 296 / 408 Total group achieving criteria: 72.55

Appendix II.Y - Phase I - Rads
Relative Percent Difference

T_grp_code
Chemical

TRADS

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
AMERICIUM-241												
40993	26-FEB-93	SS40412AE	SS40072AE	2.5000	PCI/G		V	2.5000	PCI/G		V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	10.7900	PCI/G		R	8.9620	PCI/G		A	18.5100
42093	08-JAN-93	BH40103AE	BH40483AE	0.2700	PCI/G		A	0.0000				200.0000
42493	23-MAR-93	BH40112AE	BH40439AE	0.1700	PCI/G		V	0.1700	PCI/G		V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	0.0408	PCI/G		V	0.0302	PCI/G		V	29.8600
43693	25-MAR-93	BH40563AE	BH40525AE	0.0040	PCI/G	U	V	0.0090	PCI/G	J	V	76.9200
46793	10-NOV-93	BH40823AE	BH40742AE	0.0460	PCI/G		V	0.0101	PCI/G		V	127.9900
46893	19-NOV-93	BH40825AE	BH40748AE	0.0066	PCI/G		V	0.0017	PCI/G	J	V	118.0700
46993	22-NOV-93	BH40830AE	BH40757AE	0.0510	PCI/G		V	0.0027	PCI/G	J	V	179.8900
46993	22-NOV-93	SS40146AE	SS40144AE	0.0141	PCI/G		V	0.0286	PCI/G		V	67.9200
SS402293	29-DEC-92	SS40016AE	SS40038AE	0.0700	PCI/G		A	0.0540	PCI/G		A	25.8100
Number achieving criteria per number dup pairs: 5 / 11								Percent achieving criteria: 45.45				
CESIUM-134												
40993	26-FEB-93	SS40412AE	SS40072AE	0.0000	PCI/G		Z	0.0000	PCI/G		Z	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	-0.0348	PCI/G	J	A	-0.0442	PCI/G	J	A	23.8000
42093	08-JAN-93	BH40103AE	BH40483AE	0.0000	PCI/G			0.0000				0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	0.0000	PCI/G		Z	0.0000	PCI/G		Z	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	0.0279	PCI/G	J	Z	-0.0070	PCI/G	J	Z	333.9700
43693	25-MAR-93	BH40563AE	BH40525AE	0.0000	PCI/G		Z	0.0000	PCI/G		Z	0.0000
46793	10-NOV-93	BH40823AE	BH40742AE	0.0136	PCI/G	X	V	0.0077	PCI/G	J	V	55.4000
46893	19-NOV-93	BH40825AE	BH40748AE	-0.0095	PCI/G	J	V	-0.0044	PCI/G	J	V	73.3800
46993	22-NOV-93	BH40830AE	BH40757AE	0.0105	PCI/G	J	V	0.0123	PCI/G	J	V	15.7900
46993	22-NOV-93	SS40146AE	SS40144AE	-0.0050	PCI/G	J	V	-0.0027	PCI/G	J	V	59.7400
Number achieving criteria per number dup pairs: 6 / 10								Percent achieving criteria: 60.00				
CESIUM-137												
40993	26-FEB-93	SS40412AE	SS40072AE	0.0000	PCI/G		V	0.0100	PCI/G		V	200.0000
41793	09-FEB-93	SS40069AE	SS40077AE	0.6220	PCI/G	X	A	0.5486	PCI/G	X	A	12.5400
42093	08-JAN-93	BH40103AE	BH40483AE	0.0000	PCI/G			0.0000				0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	0.0030	PCI/G		V	0.0030	PCI/G		V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	0.0227	PCI/G	J	A	-0.0045	PCI/G	J	A	298.9000
43693	25-MAR-93	BH40563AE	BH40525AE	0.0030	PCI/G		V	0.0030	PCI/G		V	0.0000
46793	10-NOV-93	BH40823AE	BH40742AE	-0.0119	PCI/G	J	V	-0.0050	PCI/G	J	V	81.6600
46893	19-NOV-93	BH40825AE	BH40748AE	-0.0025	PCI/G	J	V	-0.0119	PCI/G	J	V	130.5600
46993	22-NOV-93	BH40830AE	BH40757AE	-0.0060	PCI/G	J	V	-0.0128	PCI/G	J	V	72.3400
46993	22-NOV-93	SS40146AE	SS40144AE	0.0271	PCI/G		V	0.0142	PCI/G	X	V	62.4700
SS402293	29-DEC-92	SS40016AE	SS40038AE	0.0030	PCI/G	U	V	0.0020	PCI/G	U	V	40.0000
Number achieving criteria per number dup pairs: 5 / 11								Percent achieving criteria: 45.45				
GROSS ALPHA												
40993	26-FEB-93	SS40412AE	SS40072AE	40.0000	PCI/G		A	43.0000	PCI/G		A	7.2300
41793	09-FEB-93	SS40069AE	SS40077AE	36.3100	PCI/G		Y	36.0700	PCI/G		Y	0.6600
42093	08-JAN-93	BH40103AE	BH40483AE	11.0000	PCI/G		V	14.5200	PCI/G		V	27.5900
42493	23-MAR-93	BH40112AE	BH40439AE	16.0000	PCI/G		A	15.0000	PCI/G		A	6.4500
42993	20-JAN-93	BH40094AE	BH40141AE	17.1000	PCI/G		A	19.4000	PCI/G		A	12.6000
43493	21-APR-93	BH40573AE	BH40319AE	13.6700	PCI/G		A	10.6600	PCI/G		A	24.7400
43693	25-MAR-93	BH40563AE	BH40525AE	30.0000	PCI/G		A	18.0000	PCI/G		A	50.0000
46193	24-MAR-93	BH40562AE	BH40385AE	18.0000	PCI/G		R	21.0000	PCI/G		R	15.3800
46793	10-NOV-93	BH40823AE	BH40742AE	15.0000	PCI/G		A	10.7200	PCI/G		A	33.2800
46893	19-NOV-93	BH40825AE	BH40748AE	9.5880	PCI/G		V	12.5400	PCI/G		V	26.6800
46993	22-NOV-93	BH40830AE	BH40757AE	21.2600	PCI/G		V	18.2600	PCI/G		V	15.1800
46993	22-NOV-93	SS40146AE	SS40144AE	12.0800	PCI/G		V	13.7600	PCI/G		V	13.0000
SS402293	29-DEC-92	SS40016AE	SS40038AE	16.8000	PCI/G		A	15.4000	PCI/G		A	8.7000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
Number achieving criteria per number dup pairs: 12 / 13								Percent achieving criteria: 92.31				
GROSS BETA												
40993	26-FEB-93	SS40412AE	SS40072AE	35.0000	PCI/G		V	31.0000	PCI/G		V	12.1200
41793	09-FEB-93	SS40069AE	SS40077AE	30.6600	PCI/G		Y	28.7400	PCI/G		Y	6.4600
42093	08-JAN-93	BH40103AE	BH40483AE	22.0000	PCI/G		V	30.2700	PCI/G		V	31.6400
42493	23-MAR-93	BH40112AE	BH40439AE	15.0000	PCI/G		A	20.0000	PCI/G		A	28.5700
42993	20-JAN-93	BH40094AE	BH40141AE	21.0000	PCI/G		A	31.9000	PCI/G		A	41.2100
43493	21-APR-93	BH40573AE	BH40319AE	15.5500	PCI/G		V	18.0700	PCI/G		V	14.9900
43693	25-MAR-93	BH40563AE	BH40525AE	41.0000	PCI/G		A	21.0000	PCI/G		A	64.5200
46193	24-MAR-93	BH40562AE	BH40385AE	11.0000	PCI/G		V	24.0000	PCI/G		V	74.2900
46793	10-NOV-93	BH40823AE	BH40742AE	29.1600	PCI/G		V	28.1800	PCI/G		V	3.4200
46893	19-NOV-93	BH40825AE	BH40748AE	24.5200	PCI/G		V	29.9800	PCI/G		V	20.0400
46993	22-NOV-93	BH40830AE	BH40757AE	49.1800	PCI/G		V	42.6100	PCI/G		V	14.3200
46993	22-NOV-93	SS40146AE	SS40144AE	32.6700	PCI/G		V	47.0000	PCI/G		V	35.9700
SS402293	29-DEC-92	SS40016AE	SS40038AE	41.9000	PCI/G		A	32.3000	PCI/G		A	25.8800
Number achieving criteria per number dup pairs: 10 / 13								Percent achieving criteria: 76.92				
PLUTONIUM-238												
42093	08-JAN-93	BH40103AE	BH40483AE	0.0100	PCI/G	J	Z	0.0000				200.0000
Number achieving criteria per number dup pairs: 0 / 1								Percent achieving criteria: 0.00				
PLUTONIUM-239/240												
40993	26-FEB-93	SS40412AE	SS40072AE	7.0000	PCI/G		V	7.9000	PCI/G		V	12.0800
41793	09-FEB-93	SS40069AE	SS40077AE	13.0300	PCI/G		A	9.0330	PCI/G		A	36.2300
42093	08-JAN-93	BH40103AE	BH40483AE	1.3000	PCI/G		A	0.0000				200.0000
42493	23-MAR-93	BH40112AE	BH40439AE	0.0000	PCI/G	U	V	0.0050	PCI/G	J	V	200.0000
43493	21-APR-93	BH40573AE	BH40319AE	0.2091	PCI/G		V	0.2417	PCI/G		V	14.4600
43693	25-MAR-93	BH40563AE	BH40525AE	0.0020	PCI/G	J	V	0.0030	PCI/G	J	V	40.0000
46793	10-NOV-93	BH40823AE	BH40742AE	0.0049	PCI/G	J	V	0.0056	PCI/G	J	V	13.3300
46893	19-NOV-93	BH40825AE	BH40748AE	0.0011	PCI/G	J	V	0.0012	PCI/G	J	V	8.7000
46993	22-NOV-93	BH40830AE	BH40757AE	0.0105	PCI/G		A	0.0799	PCI/G		A	153.5400
46993	22-NOV-93	SS40146AE	SS40144AE	0.1822	PCI/G		A	0.2787	PCI/G		V	41.8700
SS402293	29-DEC-92	SS40016AE	SS40038AE	0.0170	PCI/G		A	0.0101	PCI/G		A	50.9200
Number achieving criteria per number dup pairs: 6 / 11								Percent achieving criteria: 54.55				
RADIUM-226												
40993	26-FEB-93	SS40412AE	SS40072AE	0.7200	PCI/G	U	A	0.7600	PCI/G		A	5.4100
41793	09-FEB-93	SS40069AE	SS40077AE	0.5578	PCI/G	X	A	0.5733	PCI/G	X	A	2.7400
42493	23-MAR-93	BH40112AE	BH40439AE	0.8800	PCI/G			0.8600	PCI/G			2.3000
43493	21-APR-93	BH40573AE	BH40319AE	0.7310	PCI/G	X	R	0.5432	PCI/G	X	R	29.4800
43693	25-MAR-93	BH40563AE	BH40525AE	0.7100	PCI/G			1.0000	PCI/G			33.9200
46793	10-NOV-93	BH40823AE	BH40742AE	2.6600	PCI/G	X	A	2.3370	PCI/G	X	A	12.9300
46893	19-NOV-93	BH40825AE	BH40748AE	2.2050	PCI/G	X	A	1.6230	PCI/G	X	A	30.4100
46993	22-NOV-93	BH40830AE	BH40757AE	5.4250	PCI/G	X	A	4.5380	PCI/G	X	A	17.8100
46993	22-NOV-93	SS40146AE	SS40144AE	4.2490	PCI/G	X	A	4.4280	PCI/G	X	A	4.1300
Number achieving criteria per number dup pairs: 9 / 9								Percent achieving criteria: 100.00				
RADIUM-228												
40993	26-FEB-93	SS40412AE	SS40072AE	2.0000	PCI/G		A	2.4000	PCI/G		A	18.1800
41793	09-FEB-93	SS40069AE	SS40077AE	1.1610	PCI/G	X	A	1.3390	PCI/G		A	14.2400
42493	23-MAR-93	BH40112AE	BH40439AE	1.7000	PCI/G			1.6000	PCI/G			6.0600
43493	21-APR-93	BH40573AE	BH40319AE	1.1700	PCI/G	X	A	1.1950	PCI/G	X	A	2.1100
43693	25-MAR-93	BH40563AE	BH40525AE	2.0000	PCI/G			1.9000	PCI/G			5.1300
46793	10-NOV-93	BH40823AE	BH40742AE	1.5790	PCI/G	X	V	1.3700	PCI/G	X	V	14.1700
46893	19-NOV-93	BH40825AE	BH40748AE	1.1190	PCI/G	X	V	1.3500	PCI/G	X	V	18.7100
46993	22-NOV-93	BH40830AE	BH40757AE	1.4720	PCI/G	X	V	1.1420	PCI/G	X	V	25.2500
46993	22-NOV-93	SS40146AE	SS40144AE	1.0560	PCI/G	X	V	1.1130	PCI/G	X	V	5.2600
Number achieving criteria per number dup pairs: 9 / 9								Percent achieving criteria: 100.00				

T_grp_code / Chemical / Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
STRONTIUM-89,90												
40993	26-FEB-93	SS40412AE	SS40072AE	0.3800	PCI/G	BJ	V	0.4000	PCI/G	BJ	V	5.1300
41793	09-FEB-93	SS40069AE	SS40077AE	0.1415	PCI/G		V	0.1282	PCI/G		V	9.8600
42093	08-JAN-93	BH40103AE	BH40483AE	0.0790	PCI/G	U	V	0.0000				200.0000
42493	23-MAR-93	BH40112AE	BH40439AE	0.2800	PCI/G	U	V	0.4500	PCI/G	J	V	46.5800
43493	21-APR-93	BH40573AE	BH40319AE	0.1257	PCI/G		A	0.1481	PCI/G		JA	16.3600
43693	25-MAR-93	BH40563AE	BH40525AE	0.2800	PCI/G	J	V	0.2800	PCI/G	U	V	0.0000
46793	10-NOV-93	BH40823AE	BH40742AE	0.1437	PCI/G		A	0.2222	PCI/G		A	42.9100
46893	19-NOV-93	BH40825AE	BH40748AE	0.3341	PCI/G		A	0.3162	PCI/G		A	5.5100
46993	22-NOV-93	BH40830AE	BH40757AE	0.4343	PCI/G		A	0.6789	PCI/G		A	43.9500
46993	22-NOV-93	SS40146AE	SS40144AE	0.1300	PCI/G		A	0.5265	PCI/G		A	120.7900
SS402293	29-DEC-92	SS40016AE	SS40038AE	0.3280	PCI/G		V	0.1990	PCI/G		V	48.9600
Number achieving criteria per number dup pairs: 5 / 11								Percent achieving criteria: 45.45				
TRITIUM												
40993	26-FEB-93	SS40412AE	SS40072AE	210.0000	PCI/L	U	V	480.0000	PCI/L		V	78.2600
41793	09-FEB-93	SS40069AE	SS40077AE	11.6400	PCI/L	J	V	5.8180	PCI/L	J	V	66.7000
42093	08-JAN-93	BH40103AE	BH40483AE	75.0000	PCI/L	U	V	136.3000	PCI/L	J	V	58.0200
42493	23-MAR-93	BH40112AE	BH40439AE	6600.0000	PCI/L		A	7000.0000	PCI/L		A	5.8800
42993	20-JAN-93	BH40094AE	BH40141AE	1500.0000	PCI/L		JA	2700.0000	PCI/L		JA	57.1400
43493	21-APR-93	BH40573AE	BH40319AE	322.9000	PCI/L		V	351.7000	PCI/L		V	8.5400
43693	25-MAR-93	BH40563AE	BH40525AE	11000.0000	PCI/L		A	13000.0000	PCI/L		A	16.6700
46193	24-MAR-93	BH40562AE	BH40385AE	3200.0000	PCI/L		A	3300.0000	PCI/L		A	3.0800
46793	10-NOV-93	BH40823AE	BH40742AE	18020.0000	PCI/L	X	V	14540.0000	PCI/L		V	21.3800
46893	19-NOV-93	BH40825AE	BH40748AE	4920.0000	PCI/L	X	V	6778.0000	PCI/L	X	V	31.7700
46993	22-NOV-93	BH40830AE	BH40757AE	13220.0000	PCI/L		V	13680.0000	PCI/L		V	3.4200
46993	22-NOV-93	SS40146AE	SS40144AE	16340.0000	PCI/L		V	15500.0000	PCI/L	X	V	5.2800
SS402293	29-DEC-92	SS40016AE	SS40038AE	-156.0000	PCI/L		JA	-58.0000	PCI/L		JA	91.5900
Number achieving criteria per number dup pairs: 7 / 13								Percent achieving criteria: 53.85				
URANIUM-233,-234												
40993	26-FEB-93	SS40412AE	SS40072AE	2.9000	PCI/G		A	2.9000	PCI/G	B	A	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	4.4220	PCI/G		A	3.5070	PCI/G		A	23.0800
42093	08-JAN-93	BH40103AE	BH40483AE	1.1000	PCI/G		V	1.5380	PCI/G		A	33.2100
42493	23-MAR-93	BH40112AE	BH40439AE	1.5000	PCI/G	B	A	0.9100	PCI/G		A	48.9600
42993	20-JAN-93	BH40094AE	BH40141AE	1.8600	PCI/G		A	1.8000	PCI/G		A	3.2800
43493	21-APR-93	BH40573AE	BH40319AE	0.8643	PCI/G		A	0.9911	PCI/G		A	13.6700
43693	25-MAR-93	BH40563AE	BH40525AE	1.5000	PCI/G	B	A	1.5000	PCI/G	B	A	0.0000
46193	24-MAR-93	BH40562AE	BH40385AE	1.3000	PCI/G	B	V	0.8700	PCI/G	B	V	39.6300
46793	10-NOV-93	BH40823AE	BH40742AE	0.9370	PCI/G		A	1.4450	PCI/G		A	42.6500
46893	19-NOV-93	BH40825AE	BH40748AE	1.9370	PCI/G		V	2.0820	PCI/G		V	7.2200
46993	22-NOV-93	BH40830AE	BH40757AE	12.9800	PCI/G		V	13.9900	PCI/G		V	7.4900
46993	22-NOV-93	SS40146AE	SS40144AE	7.9570	PCI/G		V	11.7800	PCI/G		V	38.7400
SS402293	29-DEC-92	SS40016AE	SS40038AE	0.6930	PCI/G		A	0.4570	PCI/G		A	41.0400
Number achieving criteria per number dup pairs: 10 / 13								Percent achieving criteria: 76.92				
URANIUM-235												
40993	26-FEB-93	SS40412AE	SS40072AE	0.2600	PCI/G	J	A	0.2500	PCI/G	J	A	3.9200
41793	09-FEB-93	SS40069AE	SS40077AE	0.0796	PCI/G		A	0.1163	PCI/G		A	37.4700
42093	08-JAN-93	BH40103AE	BH40483AE	0.0470	PCI/G	U	V	0.0614	PCI/G	J	A	26.5700
42493	23-MAR-93	BH40112AE	BH40439AE	0.0690	PCI/G	J	A	0.1400	PCI/G	J	A	67.9400
42993	20-JAN-93	BH40094AE	BH40141AE	0.0499	PCI/G		A	0.0954	PCI/G		A	62.6300
43493	21-APR-93	BH40573AE	BH40319AE	0.0353	PCI/G	J	A	0.0629	PCI/G	J	A	56.2100
43693	25-MAR-93	BH40563AE	BH40525AE	0.2100	PCI/G	J	A	0.0500	PCI/G	J	A	123.0800
46193	24-MAR-93	BH40562AE	BH40385AE	0.0440	PCI/G	BJ	V	0.0620	PCI/G	J	V	33.9600
46793	10-NOV-93	BH40823AE	BH40742AE	0.0532	PCI/G	J	A	0.0977	PCI/G	J	A	58.9800
46893	19-NOV-93	BH40825AE	BH40748AE	0.1049	PCI/G		V	0.1179	PCI/G		V	11.6700
46993	22-NOV-93	BH40830AE	BH40757AE	0.4983	PCI/G		V	0.5193	PCI/G		V	4.1300

Appendix II.Y - Phase I - Rads
Relative Percent Difference

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
46993	22-NOV-93	SS40146AE	SS40144AE	0.2629	PCI/G		V	0.3993	PCI/G		V	41.2000
SS402293	29-DEC-92	SS40016AE	SS40038AE	0.0462	PCI/G		A	0.0194	PCI/G		A	81.7100
Number achieving criteria per number dup pairs: 6 / 13								Percent achieving criteria: 46.15				
URANIUM-238												
40993	26-FEB-93	SS40412AE	SS40072AE	1.2000	PCI/G	B	A	1.6000	PCI/G	B	A	28.5700
41793	09-FEB-93	SS40069AE	SS40077AE	2.4440	PCI/G		A	2.2680	PCI/G		A	7.4700
42093	08-JAN-93	BH40103AE	BH40483AE	0.8300	PCI/G		V	0.8473	PCI/G		A	2.0600
42493	23-MAR-93	BH40112AE	BH40439AE	0.7600	PCI/G	B	A	1.3000	PCI/G	B	A	52.4300
42993	20-JAN-93	BH40094AE	BH40141AE	0.4890	PCI/G		A	0.8270	PCI/G		A	51.3700
43493	21-APR-93	BH40573AE	BH40319AE	0.7812	PCI/G		A	0.9620	PCI/G		A	20.7400
43693	25-MAR-93	BH40563AE	BH40525AE	1.5000	PCI/G	B	A	1.4000	PCI/G	B	A	6.9000
46193	24-MAR-93	BH40562AE	BH40385AE	1.5000	PCI/G	B	V	1.4000	PCI/G	B	V	6.9000
46793	10-NOV-93	BH40823AE	BH40742AE	1.1230	PCI/G		A	1.5460	PCI/G		A	31.7000
46893	19-NOV-93	BH40825AE	BH40748AE	1.5310	PCI/G		V	1.5780	PCI/G		V	3.0200
46993	22-NOV-93	BH40830AE	BH40757AE	11.4800	PCI/G		V	11.4600	PCI/G		V	0.1700
46993	22-NOV-93	SS40146AE	SS40144AE	6.6150	PCI/G		V	9.9980	PCI/G		V	40.7300
SS402293	29-DEC-92	SS40016AE	SS40038AE	0.6810	PCI/G		A	0.5150	PCI/G		A	27.7600
Number achieving criteria per number dup pairs: 10 / 13								Percent achieving criteria: 76.92				
Total group achieving criteria per number dup pairs: 100 / 151								Total group achieving criteria: 66.23				

T_grp_code
Chemical

PESTCLP

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
4,4'-DDD												
40993	26-FEB-93	SS40412AE	SS40072AE	19.0000	UG/KG	U	V	19.0000	UG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	18.0000	UG/KG	U	V	19.0000	UG/KG	U	V	5.4100
42093	08-JAN-93	SS40013AE	SS40480AE	16.0000	UG/KG	U	V	17.0000	UG/KG	U	V	6.0600
43493	21-APR-93	BH40573AE	BH40319AE	18.0000	UG/KG	U	V	18.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	19.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	17.0000	UG/KG	U	Y	18.0000	UG/KG	U	Y	5.7100
SS402293	29-DEC-92	SS40016AE	SS40038AE	17.0000	UG/KG	U	V	17.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
4,4'-DDE												
40993	26-FEB-93	SS40412AE	SS40072AE	19.0000	UG/KG	U	V	19.0000	UG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	18.0000	UG/KG	U	V	19.0000	UG/KG	U	V	5.4100
42093	08-JAN-93	SS40013AE	SS40480AE	16.0000	UG/KG	U	V	17.0000	UG/KG	U	V	6.0600
43493	21-APR-93	BH40573AE	BH40319AE	18.0000	UG/KG	U	V	18.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	19.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	17.0000	UG/KG	U	Y	18.0000	UG/KG	U	Y	5.7100
SS402293	29-DEC-92	SS40016AE	SS40038AE	17.0000	UG/KG	U	V	17.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
4,4'-DDT												
40993	26-FEB-93	SS40412AE	SS40072AE	19.0000	UG/KG	U	V	19.0000	UG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	18.0000	UG/KG	U	V	19.0000	UG/KG	U	V	5.4100
42093	08-JAN-93	SS40013AE	SS40480AE	16.0000	UG/KG	U	V	17.0000	UG/KG	U	V	6.0600
43493	21-APR-93	BH40573AE	BH40319AE	18.0000	UG/KG	U	V	18.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	19.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	17.0000	UG/KG	U	Y	18.0000	UG/KG	U	Y	5.7100
SS402293	29-DEC-92	SS40016AE	SS40038AE	17.0000	UG/KG	U	V	17.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
ALDRIN												
40993	26-FEB-93	SS40412AE	SS40072AE	9.5000	UG/KG	U	V	9.4000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	9.1000	UG/KG	U	V	9.3000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	8.2000	UG/KG	U	V	8.3000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	8.9000	UG/KG	U	V	9.2000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	9.4000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	8.7000	UG/KG	U	Y	9.2000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	8.6000	UG/KG	U	V	8.5000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
AROCLOR-1016												
40993	26-FEB-93	SS40412AE	SS40072AE	95.0000	UG/KG	U	V	94.0000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	91.0000	UG/KG	U	V	93.0000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	82.0000	UG/KG	U	V	83.0000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	89.0000	UG/KG	U	V	92.0000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	94.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	87.0000	UG/KG	U	Y	92.0000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	86.0000	UG/KG	U	V	85.0000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
AROCLOR-1221												
40993	26-FEB-93	SS40412AE	SS40072AE	95.0000	UG/KG	U	V	94.0000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	91.0000	UG/KG	U	V	93.0000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	82.0000	UG/KG	U	V	83.0000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	89.0000	UG/KG	U	V	92.0000	UG/KG	U	V	3.3100

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
43693	25-MAR-93	BH40563AE	BH40525AE	94.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	87.0000	UG/KG	U	Y	92.0000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	86.0000	UG/KG	U	V	85.0000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
AROCLOR-1232												
40993	26-FEB-93	SS40412AE	SS40072AE	95.0000	UG/KG	U	V	94.0000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	91.0000	UG/KG	U	V	93.0000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	82.0000	UG/KG	U	V	83.0000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	89.0000	UG/KG	U	V	92.0000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	94.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	87.0000	UG/KG	U	Y	92.0000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	86.0000	UG/KG	U	V	85.0000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
AROCLOR-1242												
40993	26-FEB-93	SS40412AE	SS40072AE	95.0000	UG/KG	U	V	94.0000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	91.0000	UG/KG	U	V	93.0000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	82.0000	UG/KG	U	V	83.0000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	89.0000	UG/KG	U	V	92.0000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	94.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	87.0000	UG/KG	U	Y	92.0000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	86.0000	UG/KG	U	V	85.0000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
AROCLOR-1248												
40993	26-FEB-93	SS40412AE	SS40072AE	95.0000	UG/KG	U	V	94.0000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	91.0000	UG/KG	U	V	93.0000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	82.0000	UG/KG	U	V	83.0000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	89.0000	UG/KG	U	V	92.0000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	94.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	87.0000	UG/KG	U	Y	92.0000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	86.0000	UG/KG	U	V	85.0000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
AROCLOR-1254												
40993	26-FEB-93	SS40412AE	SS40072AE	190.0000	UG/KG	U	V	190.0000	UG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	180.0000	UG/KG	U	V	190.0000	UG/KG	U	V	5.4100
42093	08-JAN-93	SS40013AE	SS40480AE	160.0000	UG/KG	U	V	170.0000	UG/KG	U	V	6.0600
43493	21-APR-93	BH40573AE	BH40319AE	180.0000	UG/KG	U	V	180.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	190.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	170.0000	UG/KG	U	Y	180.0000	UG/KG	U	Y	5.7100
SS402293	29-DEC-92	SS40016AE	SS40038AE	170.0000	UG/KG	U	V	170.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
AROCLOR-1260												
40993	26-FEB-93	SS40412AE	SS40072AE	190.0000	UG/KG	U	V	190.0000	UG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	180.0000	UG/KG	U	V	190.0000	UG/KG	U	V	5.4100
42093	08-JAN-93	SS40013AE	SS40480AE	160.0000	UG/KG	U	V	170.0000	UG/KG	U	V	6.0600
43493	21-APR-93	BH40573AE	BH40319AE	180.0000	UG/KG	U	V	180.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	190.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	170.0000	UG/KG	U	Y	180.0000	UG/KG	U	Y	5.7100
SS402293	29-DEC-92	SS40016AE	SS40038AE	170.0000	UG/KG	U	V	170.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
DIELDRIN												
40993	26-FEB-93	SS40412AE	SS40072AE	19.0000	UG/KG	U	V	19.0000	UG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	18.0000	UG/KG	U	V	19.0000	UG/KG	U	V	5.4100
42093	08-JAN-93	SS40013AE	SS40480AE	16.0000	UG/KG	U	V	17.0000	UG/KG	U	V	6.0600

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
43493	21-APR-93	BH40573AE	BH40319AE	18.0000	UG/KG	U	V	18.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	19.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	17.0000	UG/KG	U	Y	18.0000	UG/KG	U	Y	5.7100
SS402293	29-DEC-92	SS40016AE	SS40038AE	17.0000	UG/KG	U	V	17.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
ENDOSULFAN I												
40993	26-FEB-93	SS40412AE	SS40072AE	9.5000	UG/KG	U	V	9.4000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	9.1000	UG/KG	U	V	9.3000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	8.2000	UG/KG	U	V	8.3000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	8.9000	UG/KG	U	V	9.2000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	9.4000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	8.7000	UG/KG	U	Y	9.2000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	8.6000	UG/KG	U	V	8.5000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
ENDOSULFAN II												
40993	26-FEB-93	SS40412AE	SS40072AE	19.0000	UG/KG	U	V	19.0000	UG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	18.0000	UG/KG	U	V	19.0000	UG/KG	U	V	5.4100
42093	08-JAN-93	SS40013AE	SS40480AE	16.0000	UG/KG	U	V	17.0000	UG/KG	U	V	6.0600
43493	21-APR-93	BH40573AE	BH40319AE	18.0000	UG/KG	U	V	18.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	19.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	17.0000	UG/KG	U	Y	18.0000	UG/KG	U	Y	5.7100
SS402293	29-DEC-92	SS40016AE	SS40038AE	17.0000	UG/KG	U	V	17.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
ENDOSULFAN SULFATE												
40993	26-FEB-93	SS40412AE	SS40072AE	19.0000	UG/KG	U	V	19.0000	UG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	18.0000	UG/KG	U	V	19.0000	UG/KG	U	V	5.4100
42093	08-JAN-93	SS40013AE	SS40480AE	16.0000	UG/KG	U	V	17.0000	UG/KG	U	V	6.0600
43493	21-APR-93	BH40573AE	BH40319AE	18.0000	UG/KG	U	V	18.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	19.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	17.0000	UG/KG	U	Y	18.0000	UG/KG	U	Y	5.7100
SS402293	29-DEC-92	SS40016AE	SS40038AE	17.0000	UG/KG	U	V	17.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
ENDRIN												
40993	26-FEB-93	SS40412AE	SS40072AE	19.0000	UG/KG	U	V	19.0000	UG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	18.0000	UG/KG	U	V	19.0000	UG/KG	U	V	5.4100
42093	08-JAN-93	SS40013AE	SS40480AE	16.0000	UG/KG	U	V	17.0000	UG/KG	U	V	6.0600
43493	21-APR-93	BH40573AE	BH40319AE	18.0000	UG/KG	U	V	18.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	19.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	17.0000	UG/KG	U	Y	18.0000	UG/KG	U	Y	5.7100
SS402293	29-DEC-92	SS40016AE	SS40038AE	17.0000	UG/KG	U	V	17.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
ENDRIN KETONE												
40993	26-FEB-93	SS40412AE	SS40072AE	19.0000	UG/KG	U	V	19.0000	UG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	18.0000	UG/KG	U	V	19.0000	UG/KG	U	V	5.4100
42093	08-JAN-93	SS40013AE	SS40480AE	16.0000	UG/KG	U	V	17.0000	UG/KG	U	V	6.0600
43493	21-APR-93	BH40573AE	BH40319AE	18.0000	UG/KG	U	V	18.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	19.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	17.0000	UG/KG	U	Y	18.0000	UG/KG	U	Y	5.7100
SS402293	29-DEC-92	SS40016AE	SS40038AE	17.0000	UG/KG	U	V	17.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
HEPTACHLOR												
40993	26-FEB-93	SS40412AE	SS40072AE	9.5000	UG/KG	U	V	9.4000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	9.1000	UG/KG	U	V	9.3000	UG/KG	U	V	2.1700

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
HEPTACHLOR EPOXIDE												
42093	08-JAN-93	SS40013AE	SS40480AE	8.2000	UG/KG	U	V	8.3000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	8.9000	UG/KG	U	V	9.2000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	9.4000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	8.7000	UG/KG	U	Y	9.2000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	8.6000	UG/KG	U	V	8.5000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
METHOXYCHLOR												
40993	26-FEB-93	SS40412AE	SS40072AE	95.0000	UG/KG	U	V	94.0000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	91.0000	UG/KG	U	V	93.0000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	82.0000	UG/KG	U	V	83.0000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	89.0000	UG/KG	U	V	92.0000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	94.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	87.0000	UG/KG	U	Y	92.0000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	86.0000	UG/KG	U	V	85.0000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
TOXAPHENE												
40993	26-FEB-93	SS40412AE	SS40072AE	190.0000	UG/KG	U	V	190.0000	UG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	180.0000	UG/KG	U	V	190.0000	UG/KG	U	V	5.4100
42093	08-JAN-93	SS40013AE	SS40480AE	160.0000	UG/KG	U	V	170.0000	UG/KG	U	V	6.0600
43493	21-APR-93	BH40573AE	BH40319AE	180.0000	UG/KG	U	V	180.0000	UG/KG	U	V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	190.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	170.0000	UG/KG	U	Y	180.0000	UG/KG	U	Y	5.7100
SS402293	29-DEC-92	SS40016AE	SS40038AE	170.0000	UG/KG	U	V	170.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
alpha-BHC												
40993	26-FEB-93	SS40412AE	SS40072AE	9.5000	UG/KG	U	V	9.4000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	9.1000	UG/KG	U	V	9.3000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	8.2000	UG/KG	U	V	8.3000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	8.9000	UG/KG	U	V	9.2000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	33.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	8.7000	UG/KG	U	Y	9.2000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	8.6000	UG/KG	U	V	8.5000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
alpha-CHLORDANE												
40993	26-FEB-93	SS40412AE	SS40072AE	95.0000	UG/KG	U	V	94.0000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	91.0000	UG/KG	U	V	93.0000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	82.0000	UG/KG	U	V	83.0000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	89.0000	UG/KG	U	V	92.0000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	94.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	87.0000	UG/KG	U	Y	92.0000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	86.0000	UG/KG	U	V	85.0000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
beta-BHC												
40993	26-FEB-93	SS40412AE	SS40072AE	9.5000	UG/KG	U	V	9.4000	UG/KG	U	V	1.0600

T_grp_code

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
Chemical												
41793	09-FEB-93	SS40069AE	SS40077AE	9.1000	UG/KG	U	V	9.3000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	8.2000	UG/KG	U	V	8.3000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	8.9000	UG/KG	U	V	9.2000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	9.4000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	8.7000	UG/KG	U	Y	9.2000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	8.6000	UG/KG	U	V	8.5000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
delta-BHC												
40993	26-FEB-93	SS40412AE	SS40072AE	9.5000	UG/KG	U	V	9.4000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	9.1000	UG/KG	U	V	9.3000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	8.2000	UG/KG	U	V	8.3000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	8.9000	UG/KG	U	V	9.2000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	9.4000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	8.7000	UG/KG	U	Y	9.2000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	8.6000	UG/KG	U	V	8.5000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
gamma-BHC (LINDANE)												
40993	26-FEB-93	SS40412AE	SS40072AE	9.5000	UG/KG	U	V	9.4000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	9.1000	UG/KG	U	V	9.3000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	8.2000	UG/KG	U	V	8.3000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	8.9000	UG/KG	U	V	9.2000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	9.4000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	8.7000	UG/KG	U	Y	9.2000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	8.6000	UG/KG	U	V	8.5000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
gamma-CHLORDANE												
40993	26-FEB-93	SS40412AE	SS40072AE	95.0000	UG/KG	U	V	94.0000	UG/KG	U	V	1.0600
41793	09-FEB-93	SS40069AE	SS40077AE	91.0000	UG/KG	U	V	93.0000	UG/KG	U	V	2.1700
42093	08-JAN-93	SS40013AE	SS40480AE	82.0000	UG/KG	U	V	83.0000	UG/KG	U	V	1.2100
43493	21-APR-93	BH40573AE	BH40319AE	89.0000	UG/KG	U	V	92.0000	UG/KG	U	V	3.3100
43693	25-MAR-93	BH40563AE	BH40525AE	94.0000	UG/KG	U	V	0.0000				200.0000
46993	22-NOV-93	SS40146AE	SS40144AE	87.0000	UG/KG	U	Y	92.0000	UG/KG	U	Y	5.5900
SS402293	29-DEC-92	SS40016AE	SS40038AE	86.0000	UG/KG	U	V	85.0000	UG/KG	U	V	1.1700
Number achieving criteria per number dup pairs: 6 / 7								Percent achieving criteria: 85.71				
Total group achieving criteria per number dup pairs: 162 / 189								Total group achieving criteria: 85.71				

WQPL

% MOISTURE												
46993	22-NOV-93	BH40830AE	BH40757AE	8.9900	%		V	8.8500	%		V	1.5700
47093	17-NOV-93	BH40824AE	BH40815AE	10.9200	%		V	10.5800	%		V	3.1600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
CYANIDE												
42093	08-JAN-93	BH40103AE	BH40483AE	0.5840	UG/G	U	V	0.5860	UG/G	U	V	0.3400
42993	20-JAN-93	BH40094AE	BH40141AE	0.5680	UG/G	U	V	0.5590	UG/G	U	V	1.6000
43493	21-APR-93	BH40573AE	BH40319AE	0.5740	UG/G	U	V	0.5590	UG/G	U	V	2.6500
43693	25-JUN-93	VE40779AE	VE40773AE	0.0680	MG/L			0.0500	MG/L	U		30.5100
46193	24-MAR-93	BH40562AE	BH40385AE	1.2300	UG/G		V	1.5300	UG/G		V	21.7400
Number achieving criteria per number dup pairs: 4 / 5								Percent achieving criteria: 80.00				
NITRATE/NITRITE												
40993	26-FEB-93	SS40412AE	SS40072AE	22.8000	MG/KG		V	20.7000	MG/KG		V	9.6600

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
41793	09-FEB-93	SS40069AE	SS40077AE	8.1000	MG/KG		V	8.5000	MG/KG		V	4.8200
42093	08-JAN-93	BH40103AE	BH40483AE	26.3000	MG/KG		V	22.3000	MG/KG		V	16.4600
42093	08-JAN-93	SS40013AE	SS40480AE	153.0000	MG/KG		V	112.0000	MG/KG		V	30.9400
42493	23-MAR-93	BH40112AE	BH40439AE	987.0000	MG/KG		V	1150.0000	MG/KG		V	15.2600
42993	20-JAN-93	BH40094AE	BH40141AE	34.7000	MG/KG		V	26.0000	MG/KG		V	28.6700
43193	27-APR-93	VE40718AE	VE40710AE	347000.0000	UG/L		V	351000.0000	UG/L		V	1.1500
43493	21-APR-93	BH40573AE	BH40319AE	1.8200	MG/KG		V	2.3600	MG/KG		V	25.8400
44393	04-AUG-93	VE40835AE	VE40819AE	3700.0000	UG/L		V	2680.0000	UG/L		V	31.9700
46193	24-MAR-93	BH40562AE	BH40385AE	396.0000	MG/KG		V	214.0000	MG/KG		V	59.6700
46993	22-NOV-93	SS40146AE	SS40144AE	3070.0000	UG/G		JA	5170.0000	UG/G		JA	50.9700
47093	17-NOV-93	BH40824AE	BH40815AE	91.2000	UG/G		JA	46.9000	UG/G		JA	64.1600
SS402293	29-DEC-92	SS40016AE	SS40038AE	1.5000	MG/KG		V	1.8000	MG/KG		V	18.1800

Number achieving criteria per number dup pairs: 9 / 13 — Percent achieving criteria: 69.23

SULFIDE

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
42093	08-JAN-93	BH40103AE	BH40483AE	12.5000	UG/G	U	V	12.6000	UG/G	U	V	0.8000
42493	25-JUN-93	VE40780AE	VE40774AE	2.7000	MG/L			29.9000	MG/L			166.8700
42993	20-JAN-93	BH40094AE	BH40141AE	21.2000	UG/G		V	12.3000	UG/G	U	V	53.1300
43493	21-APR-93	BH40573AE	BH40319AE	17.6000	UG/G		V	18.4000	UG/G		V	4.4400
46193	24-MAR-93	BH40562AE	BH40385AE	12.9000	UG/G	U	V	12.9000	UG/G	U	V	0.0000

Number achieving criteria per number dup pairs: 3 / 5 — Percent achieving criteria: 60.00

pH

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
46993	22-NOV-93	SS40146AE	SS40144AE	9.4500	PH		V	9.3400	PH		JA	1.1700

Number achieving criteria per number dup pairs: 1 / 1 — Percent achieving criteria: 100.00

Total group achieving criteria per number dup pairs: 19 / 26 — Total group achieving criteria: 73.08

Appendix II.Y - Phase I - Metals
Relative Percent Difference

T_grp_code
METADD

Chemical / Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
CESIUM												
40993	26-FEB-93	SS40412AE	SS40072AE	120.0000	MG/KG	UN	JA	120.0000	MG/KG	UN	JA	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	115.0000	MG/KG	U	JA	114.0000	MG/KG	U	JA	0.8700
42093	08-JAN-93	BH40103AE	BH40483AE	117.0000	MG/KG	U	JA	108.0000	MG/KG	U	JA	8.0000
42093	08-JAN-93	SS40013AE	SS40480AE	103.0000	MG/KG	U	JA	103.0000	MG/KG	U	JA	0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	114.0000	MG/KG	U	JA	111.0000	MG/KG	U	JA	2.6700
42993	20-JAN-93	BH40094AE	BH40141AE	115.0000	MG/KG	U	JA	118.0000	MG/KG	U	JA	2.5800
43193	27-APR-93	VE40719AE	VE40716AE	500.0000	UG/L	U	V	500.0000	UG/L	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	120.0000	MG/KG	UN	JA	120.0000	MG/KG	UN	JA	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	118.0000	MG/KG	U	JA	120.0000	MG/KG	UN	JA	1.6800
46193	24-MAR-93	BH40562AE	BH40385AE	125.0000	MG/KG	U	JA	124.0000	MG/KG	U	JA	0.8000
46793	10-NOV-93	BH40823AE	BH40742AE	15.0000	MG/KG	U	Y	14.4000	MG/KG	U	Y	4.0800
46993	22-NOV-93	BH40830AE	BH40757AE	21.3000	MG/KG	B	Y	21.9000	MG/KG	B	Y	2.7800
46993	22-NOV-93	SS40146AE	SS40144AE	24.7000	MG/KG	B	Y	20.0000	MG/KG	B	Y	21.0300
SS402293	29-DEC-92	SS40016AE	SS40038AE	106.0000	MG/KG	U	JA	106.0000	MG/KG	U	JA	0.0000
Number achieving criteria per number dup pairs: 14 / 14								Percent achieving criteria: 100.00				
LITHIUM												
40993	26-FEB-93	SS40412AE	SS40072AE	8.6000	MG/KG	B	JA	10.0000	MG/KG	B	JA	15.0500
41793	09-FEB-93	SS40069AE	SS40077AE	8.6000	MG/KG	B	JA	12.7000	MG/KG	B	JA	38.5000
42093	08-JAN-93	BH40103AE	BH40483AE	3.2000	MG/KG	B	JA	3.7000	MG/KG	B	JA	14.4900
42093	08-JAN-93	SS40013AE	SS40480AE	2.1000	MG/KG	U	JA	2.1000	MG/KG	U	JA	0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	10.8000	MG/KG	B	JA	18.6000	MG/KG	B	JA	53.0600
42993	20-JAN-93	BH40094AE	BH40141AE	10.0000	MG/KG	B	JA	7.7000	MG/KG	B	JA	25.9900
43193	27-APR-93	VE40719AE	VE40716AE	990.0000	UG/L		V	990.0000	UG/L		V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	16.2000	MG/KG	B	JA	16.1000	MG/KG	B	JA	0.6200
43693	25-MAR-93	BH40563AE	BH40525AE	6.9000	MG/KG	B	JA	8.6000	MG/KG	B	JA	21.9400
46193	24-MAR-93	BH40562AE	BH40385AE	9.6000	MG/KG	B	JA	10.1000	MG/KG	B	JA	5.0800
46793	10-NOV-93	BH40823AE	BH40742AE	5.8000	MG/KG	B	Y	6.5000	MG/KG	B	Y	11.3800
46993	22-NOV-93	BH40830AE	BH40757AE	37.5000	MG/KG		Y	25.6000	MG/KG		Y	37.7200
46993	22-NOV-93	SS40146AE	SS40144AE	23.3000	MG/KG		Y	29.2000	MG/KG		Y	22.4800
SS402293	29-DEC-92	SS40016AE	SS40038AE	10.1000	MG/KG	B	V	9.2000	MG/KG	B	V	9.3300
Number achieving criteria per number dup pairs: 13 / 14								Percent achieving criteria: 92.86				
MOLYBDENUM												
40993	26-FEB-93	SS40412AE	SS40072AE	4.8000	MG/KG	U	JA	4.7000	MG/KG	U	JA	2.1100
41793	09-FEB-93	SS40069AE	SS40077AE	4.6000	MG/KG	U	JA	4.6000	MG/KG	U	JA	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	4.7000	MG/KG	U	JA	4.3000	MG/KG	U	JA	8.8900
42093	08-JAN-93	SS40013AE	SS40480AE	4.1000	MG/KG	U	V	4.1000	MG/KG	U	JA	0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	4.6000	MG/KG	U	JA	4.4000	MG/KG	U	JA	4.4400
42993	20-JAN-93	BH40094AE	BH40141AE	4.6000	MG/KG	U	JA	4.7000	MG/KG	U	JA	2.1500
43193	27-APR-93	VE40719AE	VE40716AE	40.0000	UG/L	U	V	100.0000	UG/L	U	V	85.7100
43493	21-APR-93	BH40573AE	BH40319AE	4.6000	MG/KG	U	JA	4.6000	MG/KG	U	JA	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	4.7000	MG/KG	U	JA	4.8000	MG/KG	U	JA	2.1100
46193	24-MAR-93	BH40562AE	BH40385AE	5.0000	MG/KG	U	JA	5.0000	MG/KG	U	JA	0.0000
46793	10-NOV-93	BH40823AE	BH40742AE	2.3000	MG/KG	B	Y	1.7000	MG/KG	B	Y	30.0000
46993	22-NOV-93	BH40830AE	BH40757AE	1.0000	MG/KG	U	Y	1.0000	MG/KG	U	Y	0.0000
46993	22-NOV-93	SS40146AE	SS40144AE	1.0000	MG/KG	U	Y	1.1000	MG/KG	U	Y	9.5200
SS402293	29-DEC-92	SS40016AE	SS40038AE	4.2000	MG/KG	U	V	4.2000	MG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 13 / 14								Percent achieving criteria: 92.86				
SILICON												
40993	26-FEB-93	SS40412AE	SS40072AE	2870.0000	MG/KG		JA	2890.0000	MG/KG		JA	0.6900
41793	09-FEB-93	SS40069AE	SS40077AE	4070.0000	MG/KG		JA	4300.0000	MG/KG		JA	5.5000
42093	08-JAN-93	BH40103AE	BH40483AE	1150.0000	MG/KG		JA	1010.0000	MG/KG		JA	12.9600

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
42093	08-JAN-93	SS40013AE	SS40480AE	659.0000	MG/KG		JA	573.0000	MG/KG		JA	13.9600
42493	23-MAR-93	BH40112AE	BH40439AE	1230.0000	MG/KG	*	JA	1620.0000	MG/KG	*	JA	27.3700
42993	20-JAN-93	BH40094AE	BH40141AE	851.0000	MG/KG	N	JA	1010.0000	MG/KG	N	JA	17.0900
43193	27-APR-93	VE40719AE	VE40716AE	11300.0000	UG/L		V	12000.0000	UG/L		V	6.0100
43493	21-APR-93	BH40573AE	BH40319AE	8920.0000	MG/KG		JA	7090.0000	MG/KG		JA	22.8600
43693	25-MAR-93	BH40563AE	BH40525AE	2250.0000	MG/KG	*	JA	1610.0000	MG/KG	*	JA	33.1600
46193	24-MAR-93	BH40562AE	BH40385AE	1480.0000	MG/KG	*	JA	1430.0000	MG/KG	*	JA	3.4400
SS402293	29-DEC-92	SS40016AE	SS40038AE	1000.0000	MG/KG		JA	866.0000	MG/KG		JA	14.3600

Number achieving criteria per number dup pairs: 11 / 11 — Percent achieving criteria: 100.00

STRONTIUM												
40993	26-FEB-93	SS40412AE	SS40072AE	34.3000	MG/KG	B	JA	35.9000	MG/KG	B	JA	4.5600
41793	09-FEB-93	SS40069AE	SS40077AE	41.2000	MG/KG	B	JA	50.1000	MG/KG		JA	19.5000
42093	08-JAN-93	BH40103AE	BH40483AE	36.6000	MG/KG	B	JA	27.5000	MG/KG	B	JA	28.3900
42093	08-JAN-93	SS40013AE	SS40480AE	15.5000	MG/KG	B	JA	19.3000	MG/KG	B	JA	21.8400
42493	23-MAR-93	BH40112AE	BH40439AE	115.0000	MG/KG		JA	185.0000	MG/KG		JA	46.6700
42993	20-JAN-93	BH40094AE	BH40141AE	36.7000	MG/KG	B	JA	39.8000	MG/KG	B	JA	8.1000
43193	27-APR-93	VE40719AE	VE40716AE	5010.0000	UG/L		V	4570.0000	UG/L		V	9.1900
43493	21-APR-93	BH40573AE	BH40319AE	130.0000	MG/KG	*	JA	200.0000	MG/KG	*	JA	42.4200
43693	25-MAR-93	BH40563AE	BH40525AE	114.0000	MG/KG		JA	162.0000	MG/KG		JA	34.7800
46193	24-MAR-93	BH40562AE	BH40385AE	79.0000	MG/KG		JA	84.3000	MG/KG		JA	6.4900
46793	10-NOV-93	BH40823AE	BH40742AE	76.8000	MG/KG		Y	79.6000	MG/KG		Y	3.5800
46993	22-NOV-93	BH40830AE	BH40757AE	13.2000	MG/KG	B	Y	11.7000	MG/KG	B	Y	12.0500
46993	22-NOV-93	SS40146AE	SS40144AE	20.9000	MG/KG	B	Y	21.0000	MG/KG	B	Y	0.4800
SS402293	29-DEC-92	SS40016AE	SS40038AE	9.9000	MG/KG	B	JA	8.9000	MG/KG	B	JA	10.6400

Number achieving criteria per number dup pairs: 12 / 14 — Percent achieving criteria: 85.71

TIN												
40993	26-FEB-93	SS40412AE	SS40072AE	24.2000	MG/KG	U	JA	23.4000	MG/KG	U	JA	3.3600
41793	09-FEB-93	SS40069AE	SS40077AE	23.1000	MG/KG	B	JA	37.6000	MG/KG	B	JA	47.7800
42093	08-JAN-93	BH40103AE	BH40483AE	23.4000	MG/KG	U	JA	21.6000	MG/KG	U	JA	8.0000
42093	08-JAN-93	SS40013AE	SS40480AE	20.6000	MG/KG	U	JA	20.6000	MG/KG	U	JA	0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	22.8000	MG/KG	U	JA	22.2000	MG/KG	U	JA	2.6700
42993	20-JAN-93	BH40094AE	BH40141AE	23.1000	MG/KG	U	JA	24.9000	MG/KG	B	JA	7.5000
43193	27-APR-93	VE40719AE	VE40716AE	200.0000	UG/L	U	V	500.0000	UG/L	U	JA	85.7100
43493	21-APR-93	BH40573AE	BH40319AE	23.0000	MG/KG	U	JA	23.2000	MG/KG	U	JA	0.8700
43693	25-MAR-93	BH40563AE	BH40525AE	23.5000	MG/KG	U	JA	91.1000	MG/KG		JA	117.9800
46193	24-MAR-93	BH40562AE	BH40385AE	53.3000	MG/KG		JA	30.3000	MG/KG	B	JA	55.0200
46793	10-NOV-93	BH40823AE	BH40742AE	5.0000	MG/KG	U	Y	4.8000	MG/KG	U	Y	4.0800
46993	22-NOV-93	BH40830AE	BH40757AE	6.5000	MG/KG	U	Y	6.5000	MG/KG	U	Y	0.0000
46993	22-NOV-93	SS40146AE	SS40144AE	6.5000	MG/KG	U	Y	6.9000	MG/KG	U	Y	5.9700
SS402293	29-DEC-92	SS40016AE	SS40038AE	21.1000	MG/KG	U	JA	21.2000	MG/KG	U	JA	0.4700

Number achieving criteria per number dup pairs: 10 / 14 — Percent achieving criteria: 71.43

Total group achieving criteria per number dup pairs: 73 / 81 — Total group achieving criteria: 90.12

SMETCLP

ALUMINUM												
40993	26-FEB-93	SS40412AE	SS40072AE	8410.0000	MG/KG		V	9830.0000	MG/KG		V	15.5700
41793	09-FEB-93	SS40069AE	SS40077AE	8310.0000	MG/KG		V	10900.0000	MG/KG		V	26.9700
41793	14-JUL-93	VE40813AE	VE40809AE	27.5000	UG/L	U	V	39.0000	UG/L		JA	34.5900
42093	08-JAN-93	BH40103AE	BH40483AE	4590.0000	MG/KG	*	JA	3760.0000	MG/KG	*	JA	19.8800
42093	08-JAN-93	SS40013AE	SS40480AE	2310.0000	MG/KG	*	JA	2500.0000	MG/KG	*	JA	7.9000
42493	23-MAR-93	BH40112AE	BH40439AE	10800.0000	MG/KG		V	16300.0000	MG/KG		V	40.5900
42993	20-JAN-93	BH40094AE	BH40141AE	14700.0000	MG/KG		V	11500.0000	MG/KG		V	24.4300
43193	27-APR-93	VE40719AE	VE40716AE	100.0000	UG/L	U	V	250.0000	UG/L	U	V	85.7100

Appendix II.Y - Phase I - Metals
Relative Percent Difference

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
43493	21-APR-93	BH40573AE	BH40319AE	18900.0000	MG/KG		V	18400.0000	MG/KG		V	2.6800
43693	25-MAR-93	BH40563AE	BH40525AE	12100.0000	MG/KG		V	15600.0000	MG/KG		V	25.2700
44393	04-AUG-93	VE40835AE	VE40819AE	27.9000	UG/L		JA	27.5000	UG/L	U	V	1.4400
46193	24-MAR-93	BH40562AE	BH40385AE	14800.0000	MG/KG		V	20600.0000	MG/KG		V	32.7700
46793	10-NOV-93	BH40823AE	BH40742AE	7130.0000	MG/KG		Y	9350.0000	MG/KG		Y	26.9400
46993	22-NOV-93	BH40830AE	BH40757AE	14700.0000	MG/KG		Y	9220.0000	MG/KG		Y	45.8200
46993	22-NOV-93	SS40146AE	SS40144AE	4740.0000	MG/KG		Y	6690.0000	MG/KG		Y	34.1200
SS402293	29-DEC-92	SS40016AE	SS40038AE	7760.0000	MG/KG		V	7360.0000	MG/KG		V	5.2900

Number achieving criteria per number dup pairs: 12 / 16 — Percent achieving criteria: 75.00

ANTIMONY

40993	26-FEB-93	SS40412AE	SS40072AE	12.1000	MG/KG	UN	R	11.7000	MG/KG	UN	R	3.3600
41793	09-FEB-93	SS40069AE	SS40077AE	11.5000	MG/KG	UN	JA	11.4000	MG/KG	UN	JA	0.8700
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	11.7000	MG/KG	UN	JA	10.8000	MG/KG	UN	JA	8.0000
42093	08-JAN-93	SS40013AE	SS40480AE	10.3000	MG/KG	UN	JA	10.3000	MG/KG	UN	JA	0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	11.4000	MG/KG	UN	JA	11.1000	MG/KG	UN	JA	2.6700
42993	20-JAN-93	BH40094AE	BH40141AE	11.5000	MG/KG	UN	JA	11.7000	MG/KG	UN	JA	1.7200
43193	27-APR-93	VE40719AE	VE40716AE	100.0000	UG/L	U	V	250.0000	UG/L	U	V	85.7100
43493	21-APR-93	BH40573AE	BH40319AE	11.5000	MG/KG	UN	JA	11.6000	MG/KG	UN	JA	0.8700
43693	25-MAR-93	BH40563AE	BH40525AE	11.8000	MG/KG	UN	JA	12.0000	MG/KG	UN	JA	1.6800
44393	04-AUG-93	VE40835AE	VE40819AE	31.2000	UG/L	U	JA	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	12.5000	MG/KG	UN	JA	12.4000	MG/KG	UN	JA	0.8000
46793	10-NOV-93	BH40823AE	BH40742AE	3.8000	MG/KG	UN	Y	3.6000	MG/KG	UN	Y	5.4100
46993	22-NOV-93	BH40830AE	BH40757AE	5.0000	MG/KG	U	Y	5.0000	MG/KG	U	Y	0.0000
46993	22-NOV-93	SS40146AE	SS40144AE	5.0000	MG/KG	U	Y	5.3000	MG/KG	U	Y	5.8300
SS402293	29-DEC-92	SS40016AE	SS40038AE	10.6000	MG/KG	UN	JA	10.6000	MG/KG	UN	JA	0.0000

Number achieving criteria per number dup pairs: 14 / 16 — Percent achieving criteria: 87.50

ARSENIC

40993	26-FEB-93	SS40412AE	SS40072AE	2.1000	MG/KG	BN	JA	2.0000	MG/KG	BN	JA	4.8800
41793	09-FEB-93	SS40069AE	SS40077AE	5.1000	MG/KG	SN	JA	4.6000	MG/KG	N	JA	10.3100
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	5.2000	MG/KG	*	V	5.5000	MG/KG	*	V	5.6100
42093	08-JAN-93	SS40013AE	SS40480AE	3.4000	MG/KG	*	V	3.3000	MG/KG	*	V	2.9900
42493	23-MAR-93	BH40112AE	BH40439AE	2.7000	MG/KG		V	10.8000	MG/KG		V	120.0000
42993	20-JAN-93	BH40094AE	BH40141AE	5.4000	MG/KG		V	8.0000	MG/KG		V	38.8100
43193	27-APR-93	VE40719AE	VE40716AE	2.0000	UG/L	UW	JA	2.0000	UG/L	UW	JA	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	2.8000	MG/KG		V	2.7000	MG/KG		V	3.6400
43693	25-MAR-93	BH40563AE	BH40525AE	1.2000	MG/KG	BW	JA	0.9600	MG/KG	B	V	22.2200
44393	04-AUG-93	VE40835AE	VE40819AE	17.5000	UG/L		V	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	2.1000	MG/KG	S	V	5.3000	MG/KG		V	86.4900
46793	10-NOV-93	BH40823AE	BH40742AE	3.5000	MG/KG	N	Y	2.6000	MG/KG	N	Y	29.5100
46993	22-NOV-93	BH40830AE	BH40757AE	6.0000	MG/KG		Y	7.2000	MG/KG		Y	18.1800
46993	22-NOV-93	SS40146AE	SS40144AE	6.8000	MG/KG		Y	6.9000	MG/KG		Y	1.4600
SS402293	29-DEC-92	SS40016AE	SS40038AE	1.2000	MG/KG	B	V	0.9800	MG/KG	B	V	20.1800

Number achieving criteria per number dup pairs: 13 / 16 — Percent achieving criteria: 81.25

BARIUM

40993	26-FEB-93	SS40412AE	SS40072AE	120.0000	MG/KG		V	120.0000	MG/KG		V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	4.8000	MG/KG		V	87.5000	MG/KG		V	179.2000
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	71.8000	MG/KG		V	54.4000	MG/KG		V	27.5800
42093	08-JAN-93	SS40013AE	SS40480AE	38.4000	MG/KG	B	V	42.0000	MG/KG		V	8.9600
42493	23-MAR-93	BH40112AE	BH40439AE	63.6000	MG/KG	*	JA	117.0000	MG/KG	*	JA	59.1400
42993	20-JAN-93	BH40094AE	BH40141AE	99.3000	MG/KG		V	69.8000	MG/KG		V	34.8900
43193	27-APR-93	VE40719AE	VE40716AE	400.0000	UG/L	B	V	450.0000	UG/L	B	V	11.7600
43493	21-APR-93	BH40573AE	BH40319AE	120.0000	MG/KG		V	130.0000	MG/KG		V	8.0000
43693	25-MAR-93	BH40563AE	BH40525AE	285.0000	MG/KG	*	JA	4150.0000	MG/KG	*	JA	174.3000

T_grp_code

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
Chemical												
44393	04-AUG-93	VE40835AE	VE40819AE	36.7000	UG/L		V	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	121.0000	MG/KG	*	JA	364.0000	MG/KG	*	JA	100.2100
46793	10-NOV-93	BH40823AE	BH40742AE	311.0000	MG/KG	*	Y	164.0000	MG/KG	*	Y	61.8900
46993	22-NOV-93	BH40830AE	BH40757AE	256.0000	MG/KG		Y	116.0000	MG/KG		Y	75.2700
46993	22-NOV-93	SS40146AE	SS40144AE	66.9000	MG/KG		Y	74.0000	MG/KG		Y	10.0800
SS402293	29-DEC-92	SS40016AE	SS40038AE	70.7000	MG/KG		V	68.6000	MG/KG		V	3.0200
Number achieving criteria per number dup pairs: 9 / 16								Percent achieving criteria: 56.25				
BERYLLIUM												
40993	26-FEB-93	SS40412AE	SS40072AE	1.2000	MG/KG	U	V	1.2000	MG/KG	U	V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	1.7000	MG/KG		V	2.1000	MG/KG		V	21.0500
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	1.2000	MG/KG	U	V	1.1000	MG/KG	U	V	8.7000
42093	08-JAN-93	SS40013AE	SS40480AE	1.0000	MG/KG	U	V	1.0000	MG/KG	U	V	0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	1.1000	MG/KG	U	V	1.1000	MG/KG	U	V	0.0000
42993	20-JAN-93	BH40094AE	BH40141AE	1.2000	MG/KG	U	V	1.2000	MG/KG	U	V	0.0000
43193	27-APR-93	VE40719AE	VE40716AE	10.0000	UG/L	U	V	25.0000	UG/L	U	V	85.7100
43493	21-APR-93	BH40573AE	BH40319AE	1.1000	MG/KG	U	V	1.2000	MG/KG	U	V	8.7000
43693	25-MAR-93	BH40563AE	BH40525AE	1.2000	MG/KG	U	V	1.6000	MG/KG		V	28.5700
44393	04-AUG-93	VE40835AE	VE40819AE	0.7000	UG/L	U	V	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	1.2000	MG/KG	U	V	1.2000	MG/KG	U	V	0.0000
46793	10-NOV-93	BH40823AE	BH40742AE	0.6500	MG/KG	B	Y	0.6600	MG/KG	B	Y	1.5300
46993	22-NOV-93	BH40830AE	BH40757AE	0.3700	MG/KG	U	Y	0.3700	MG/KG	U	Y	0.0000
46993	22-NOV-93	SS40146AE	SS40144AE	0.3700	MG/KG	U	Y	0.4000	MG/KG	U	Y	7.7900
SS402293	29-DEC-92	SS40016AE	SS40038AE	1.1000	MG/KG	U	V	1.1000	MG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 14 / 16								Percent achieving criteria: 87.50				
CADMIUM												
40993	26-FEB-93	SS40412AE	SS40072AE	3.2000	MG/KG		V	3.2000	MG/KG		V	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	25.0000	MG/KG		V	30.1000	MG/KG		V	18.5100
41793	14-JUL-93	VE40813AE	VE40809AE	2.8000	UG/L	U	V	2.8000	UG/L	U	V	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	1.2000	MG/KG	UN	V	1.1000	MG/KG	UN	V	8.7000
42093	08-JAN-93	SS40013AE	SS40480AE	2.2000	MG/KG	N	JA	1.5000	MG/KG	N	JA	37.8400
42493	23-MAR-93	BH40112AE	BH40439AE	340.0000	MG/KG		V	547.0000	MG/KG		V	46.6700
42993	20-JAN-93	BH40094AE	BH40141AE	1.2000	MG/KG	U	V	1.2000	MG/KG	U	V	0.0000
43193	27-APR-93	VE40719AE	VE40716AE	10.6000	UG/L		JA	25.0000	UG/L	U	V	80.9000
43493	21-APR-93	BH40573AE	BH40319AE	1.1000	MG/KG	U	V	1.5000	MG/KG		V	30.7700
43693	25-MAR-93	BH40563AE	BH40525AE	1.6000	MG/KG		JA	1.3000	MG/KG		JA	20.6900
44393	04-AUG-93	VE40835AE	VE40819AE	2.8000	UG/L	U	V	2.8000	UG/L	U	V	0.0000
46193	24-MAR-93	BH40562AE	BH40385AE	1.2000	MG/KG	U	V	1.2000	MG/KG	U	V	0.0000
46793	10-NOV-93	BH40823AE	BH40742AE	0.7100	MG/KG	U	Y	0.6800	MG/KG	U	Y	4.3200
46993	22-NOV-93	BH40830AE	BH40757AE	0.6400	MG/KG	U	Y	0.6400	MG/KG	U	Y	0.0000
46993	22-NOV-93	SS40146AE	SS40144AE	0.8100	MG/KG	B	Y	0.6800	MG/KG	U	Y	17.4500
SS402293	29-DEC-92	SS40016AE	SS40038AE	1.1000	MG/KG	U	JA	1.1000	MG/KG	U	JA	0.0000
Number achieving criteria per number dup pairs: 14 / 16								Percent achieving criteria: 87.50				
CALCIUM												
40993	26-FEB-93	SS40412AE	SS40072AE	12500.0000	MG/KG		V	13000.0000	MG/KG		V	3.9200
41793	09-FEB-93	SS40069AE	SS40077AE	31500.0000	MG/KG		V	30000.0000	MG/KG		V	4.8800
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	18800.0000	MG/KG		V	5940.0000	MG/KG		V	103.9600
42093	08-JAN-93	SS40013AE	SS40480AE	1870.0000	MG/KG		V	2360.0000	MG/KG		V	23.1700
42493	23-MAR-93	BH40112AE	BH40439AE	97100.0000	MG/KG		V	171000.0000	MG/KG		V	55.1300
42993	20-JAN-93	BH40094AE	BH40141AE	9130.0000	MG/KG		V	11200.0000	MG/KG		V	20.3600
43193	27-APR-93	VE40719AE	VE40716AE	488000.0000	UG/L		V	502000.0000	UG/L		V	2.8300
43493	21-APR-93	BH40573AE	BH40319AE	63000.0000	MG/KG	*	JA	129000.0000	MG/KG	*	JA	68.7500
43693	25-MAR-93	BH40563AE	BH40525AE	44300.0000	MG/KG		V	13800.0000	MG/KG		V	104.9900
44393	04-AUG-93	VE40835AE	VE40819AE	19200.0000	UG/L		V	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	9840.0000	MG/KG		V	13500.0000	MG/KG		V	31.3600

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
46793	10-NOV-93	BH40823AE	BH40742AE	8950.0000	MG/KG	*	Y	11500.0000	MG/KG	*	Y	24.9400
46993	22-NOV-93	BH40830AE	BH40757AE	5590.0000	MG/KG		Y	7050.0000	MG/KG		Y	23.1000
46993	22-NOV-93	SS40146AE	SS40144AE	17800.0000	MG/KG		Y	17700.0000	MG/KG		Y	0.5600
SS402293	29-DEC-92	SS40016AE	SS40038AE	1290.0000	MG/KG		V	1110.0000	MG/KG		V	15.0000
Number achieving criteria per number dup pairs: 11 / 16								Percent achieving criteria: 68.75				
CHROMIUM												
40993	26-FEB-93	SS40412AE	SS40072AE	16.7000	MG/KG		V	16.5000	MG/KG		V	1.2000
41793	09-FEB-93	SS40069AE	SS40077AE	32.9000	MG/KG	*	V	37.1000	MG/KG	*	V	12.0000
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	10.3000	MG/KG		V	8.2000	MG/KG		V	22.7000
42093	08-JAN-93	SS40013AE	SS40480AE	7.3000	MG/KG		V	7.5000	MG/KG		V	2.7000
42493	23-MAR-93	BH40112AE	BH40439AE	7.2000	MG/KG		V	10.1000	MG/KG		V	33.5300
42993	20-JAN-93	BH40094AE	BH40141AE	17.3000	MG/KG		V	14.1000	MG/KG		V	20.3800
43193	27-APR-93	VE40719AE	VE40716AE	20.0000	UG/L	U	JA	50.0000	UG/L	U	V	85.7100
43493	21-APR-93	BH40573AE	BH40319AE	20.5000	MG/KG	N	JA	17.2000	MG/KG	N	JA	17.5100
43693	25-MAR-93	BH40563AE	BH40525AE	13.1000	MG/KG		V	17.3000	MG/KG		V	27.6300
44393	04-AUG-93	VE40835AE	VE40819AE	9.0000	UG/L		JA	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	14.9000	MG/KG		V	21.9000	MG/KG		V	38.0400
46793	10-NOV-93	BH40823AE	BH40742AE	8.2000	MG/KG		Y	10.2000	MG/KG		Y	21.7400
46993	22-NOV-93	BH40830AE	BH40757AE	20.4000	MG/KG		Y	14.0000	MG/KG		Y	37.2100
46993	22-NOV-93	SS40146AE	SS40144AE	12.2000	MG/KG		Y	13.4000	MG/KG		Y	9.3800
SS402293	29-DEC-92	SS40016AE	SS40038AE	14.0000	MG/KG		V	13.7000	MG/KG		V	2.1700
Number achieving criteria per number dup pairs: 14 / 16								Percent achieving criteria: 87.50				
COBALT												
40993	26-FEB-93	SS40412AE	SS40072AE	5.2000	MG/KG	B	V	6.0000	MG/KG	B	V	14.2900
41793	09-FEB-93	SS40069AE	SS40077AE	5.7000	MG/KG	B	V	5.9000	MG/KG	B	V	3.4500
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	13.5000	MG/KG		V	3.2000	MG/KG	B	V	123.3500
42093	08-JAN-93	SS40013AE	SS40480AE	2.1000	MG/KG	U	V	2.1000	MG/KG	U	V	0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	2.9000	MG/KG	B	V	9.5000	MG/KG	B	V	106.4500
42993	20-JAN-93	BH40094AE	BH40141AE	7.2000	MG/KG	B	V	5.5000	MG/KG	B	V	26.7700
43193	27-APR-93	VE40719AE	VE40716AE	20.0000	UG/L	U	V	50.0000	UG/L	U	V	85.7100
43493	21-APR-93	BH40573AE	BH40319AE	10.2000	MG/KG	B	V	5.6000	MG/KG	B	V	58.2300
43693	25-MAR-93	BH40563AE	BH40525AE	13.3000	MG/KG		V	23.9000	MG/KG		V	56.9900
44393	04-AUG-93	VE40835AE	VE40819AE	2.6000	UG/L	U	V	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	6.8000	MG/KG	B	V	9.5000	MG/KG	B	V	33.1300
46793	10-NOV-93	BH40823AE	BH40742AE	8.4000	MG/KG	B	Y	6.9000	MG/KG	B	Y	19.6100
46993	22-NOV-93	BH40830AE	BH40757AE	14.0000	MG/KG		Y	8.2000	MG/KG	B	Y	52.2500
46993	22-NOV-93	SS40146AE	SS40144AE	8.8000	MG/KG	B	Y	8.5000	MG/KG	B	Y	3.4700
SS402293	29-DEC-92	SS40016AE	SS40038AE	5.3000	MG/KG	B	V	5.0000	MG/KG	B	V	5.8300
Number achieving criteria per number dup pairs: 9 / 16								Percent achieving criteria: 56.25				
COPPER												
40993	26-FEB-93	SS40412AE	SS40072AE	9.4000	MG/KG		JA	8.8000	MG/KG		JA	6.5900
41793	09-FEB-93	SS40069AE	SS40077AE	13.6000	MG/KG		V	16.2000	MG/KG		V	17.4500
41793	14-JUL-93	VE40813AE	VE40809AE	12.9000	UG/L	U	V	12.9000	UG/L	U	V	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	13.0000	MG/KG		V	10.4000	MG/KG		V	22.2200
42093	08-JAN-93	SS40013AE	SS40480AE	10.0000	MG/KG		V	11.4000	MG/KG		V	13.0800
42493	23-MAR-93	BH40112AE	BH40439AE	15.7000	MG/KG		V	19.0000	MG/KG		V	19.0200
42993	20-JAN-93	BH40094AE	BH40141AE	9.7000	MG/KG		V	6.4000	MG/KG		V	40.9900
43193	27-APR-93	VE40719AE	VE40716AE	20.0000	UG/L	U	V	50.0000	UG/L	U	V	85.7100
43493	21-APR-93	BH40573AE	BH40319AE	12.1000	MG/KG		V	9.3000	MG/KG		V	26.1700
43693	25-MAR-93	BH40563AE	BH40525AE	17.8000	MG/KG		V	26.2000	MG/KG		V	38.1800
44393	04-AUG-93	VE40835AE	VE40819AE	12.9000	UG/L	U	V	12.9000	UG/L	U	V	0.0000
46193	24-MAR-93	BH40562AE	BH40385AE	18.8000	MG/KG		V	18.1000	MG/KG		V	3.7900
46793	10-NOV-93	BH40823AE	BH40742AE	21.3000	MG/KG		Y	20.6000	MG/KG		Y	3.3400
46993	22-NOV-93	BH40830AE	BH40757AE	10.5000	MG/KG		Y	8.9000	MG/KG		Y	16.4900

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
46993	22-NOV-93	SS40146AE	SS40144AE	8.4000	MG/KG		Y	8.0000	MG/KG		Y	4.8800
SS402293	29-DEC-92	SS40016AE	SS40038AE	12.5000	MG/KG		V	12.4000	MG/KG		V	0.8000
Number achieving criteria per number dup pairs: 14 / 16								Percent achieving criteria: 87.50				
IRON												
40993	26-FEB-93	SS40412AE	SS40072AE	10800.0000	MG/KG		V	11900.0000	MG/KG		V	9.6900
41793	09-FEB-93	SS40069AE	SS40077AE	8930.0000	MG/KG		V	10700.0000	MG/KG		V	18.0300
41793	14-JUL-93	VE40813AE	VE40809AE	23.2000	UG/L	U	V	64.8000	UG/L		JA	94.5500
42093	08-JAN-93	BH40103AE	BH40483AE	7700.0000	MG/KG	*	V	5750.0000	MG/KG	*	V	29.0000
42093	08-JAN-93	SS40013AE	SS40480AE	3440.0000	MG/KG	*	V	4130.0000	MG/KG	*	V	18.2300
42493	23-MAR-93	BH40112AE	BH40439AE	11600.0000	MG/KG		V	14100.0000	MG/KG		V	19.4600
42993	20-JAN-93	BH40094AE	BH40141AE	13500.0000	MG/KG		V	10900.0000	MG/KG		V	21.3100
43193	27-APR-93	VE40719AE	VE40716AE	40.0000	UG/L	U	V	140.0000	UG/L	B	V	111.1100
43493	21-APR-93	BH40573AE	BH40319AE	17800.0000	MG/KG		V	14000.0000	MG/KG		V	23.9000
43693	25-MAR-93	BH40563AE	BH40525AE	13200.0000	MG/KG		V	50800.0000	MG/KG		V	117.5000
44393	04-AUG-93	VE40835AE	VE40819AE	23.2000	UG/L	U	V	50.6000	UG/L		JA	74.2500
46193	24-MAR-93	BH40562AE	BH40385AE	24600.0000	MG/KG		V	18200.0000	MG/KG		V	29.9100
46793	10-NOV-93	BH40823AE	BH40742AE	9870.0000	MG/KG		Y	12400.0000	MG/KG		Y	22.7200
46993	22-NOV-93	BH40830AE	BH40757AE	10200.0000	MG/KG		Y	8830.0000	MG/KG		Y	14.4000
46993	22-NOV-93	SS40146AE	SS40144AE	8210.0000	MG/KG		Y	10600.0000	MG/KG		Y	25.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	12700.0000	MG/KG		V	12300.0000	MG/KG		V	3.2000
Number achieving criteria per number dup pairs: 12 / 16								Percent achieving criteria: 75.00				
LEAD												
40993	26-FEB-93	SS40412AE	SS40072AE	19.0000	MG/KG	S	V	12.9000	MG/KG	S	V	38.2400
41793	09-FEB-93	SS40069AE	SS40077AE	20.0000	MG/KG	*	JA	19.7000	MG/KG	*	JA	1.5100
41793	14-JUL-93	VE40813AE	VE40809AE	0.9000	UG/L	U	JA	0.9000	UG/L	U	R	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	0.0000	MG/KG	SN	JA	7.6000	MG/KG	N	JA	200.0000
42093	08-JAN-93	SS40013AE	SS40480AE	3.6000	MG/KG	N	JA	3.8000	MG/KG	N	JA	5.4100
42493	23-MAR-93	BH40112AE	BH40439AE	5.4000	MG/KG	N	JA	31.2000	MG/KG	N	JA	140.9800
42993	20-JAN-93	BH40094AE	BH40141AE	8.5000	MG/KG	N	JA	15.2000	MG/KG	SN	JA	56.5400
43193	27-APR-93	VE40719AE	VE40716AE	2.0000	UG/L	UN	JA	2.0000	UG/L	UN	JA	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	4.6000	MG/KG	N	JA	4.9000	MG/KG	N	JA	6.3200
43693	25-MAR-93	BH40563AE	BH40525AE	8.6000	MG/KG	N	JA	18.9000	MG/KG	N	JA	74.9100
44393	04-AUG-93	VE40835AE	VE40819AE	11.0000	UG/L		JA	1.7000	UG/L		JA	146.4600
46193	24-MAR-93	BH40562AE	BH40385AE	15.5000	MG/KG	N	JA	14.7000	MG/KG	N	JA	5.3000
46793	10-NOV-93	BH40823AE	BH40742AE	20.6000	MG/KG		Y	15.7000	MG/KG	S	Y	27.0000
46993	22-NOV-93	BH40830AE	BH40757AE	4.4000	MG/KG		Y	5.3000	MG/KG		Y	18.5600
46993	22-NOV-93	SS40146AE	SS40144AE	4.8000	MG/KG		Y	4.3000	MG/KG		Y	10.9900
SS402293	29-DEC-92	SS40016AE	SS40038AE	9.2000	MG/KG	S	V	8.6000	MG/KG	S	V	6.7400
Number achieving criteria per number dup pairs: 11 / 16								Percent achieving criteria: 68.75				
MAGNESIUM												
40993	26-FEB-93	SS40412AE	SS40072AE	1990.0000	MG/KG		V	2230.0000	MG/KG		V	11.3700
41793	09-FEB-93	SS40069AE	SS40077AE	1750.0000	MG/KG		V	2120.0000	MG/KG		V	19.1200
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	1290.0000	MG/KG		V	867.0000	MG/KG	B	V	39.2200
42093	08-JAN-93	SS40013AE	SS40480AE	558.0000	MG/KG	B	V	690.0000	MG/KG	B	V	21.1500
42493	23-MAR-93	BH40112AE	BH40439AE	2960.0000	MG/KG		V	4670.0000	MG/KG		V	44.8200
42993	20-JAN-93	BH40094AE	BH40141AE	2180.0000	MG/KG		V	1940.0000	MG/KG		V	11.6500
43193	27-APR-93	VE40719AE	VE40716AE	165000.0000	UG/L		V	166000.0000	UG/L		V	0.6000
43493	21-APR-93	BH40573AE	BH40319AE	3850.0000	MG/KG		V	4580.0000	MG/KG		V	17.3200
43693	25-MAR-93	BH40563AE	BH40525AE	4010.0000	MG/KG		V	3800.0000	MG/KG		V	5.3800
44393	04-AUG-93	VE40835AE	VE40819AE	1320.0000	UG/L		V	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	3180.0000	MG/KG		V	3760.0000	MG/KG		V	16.7100
46793	10-NOV-93	BH40823AE	BH40742AE	2860.0000	MG/KG		Y	2940.0000	MG/KG		Y	2.7600
46993	22-NOV-93	BH40830AE	BH40757AE	1500.0000	MG/KG		Y	1350.0000	MG/KG		Y	10.5300
46993	22-NOV-93	SS40146AE	SS40144AE	1960.0000	MG/KG		Y	2390.0000	MG/KG		Y	19.7700
SS402293	29-DEC-92	SS40016AE	SS40038AE	2670.0000	MG/KG		V	2450.0000	MG/KG		V	8.5900

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
Number achieving criteria per number dup pairs: 14 / 16								Percent achieving criteria: 87.50				
MANGANESE												
40993	26-FEB-93	SS40412AE	SS40072AE	172.0000	MG/KG		V	185.0000	MG/KG		V	7.2800
41793	09-FEB-93	SS40069AE	SS40077AE	141.0000	MG/KG	EN*	JA	156.0000	MG/KG	EN*	JA	10.1000
41793	14-JUL-93	VE40813AE	VE40809AE	18.4000	UG/L		V	20.7000	UG/L		V	11.7600
42093	08-JAN-93	BH40103AE	BH40483AE	537.0000	MG/KG	*	JA	79.0000	MG/KG	*	JA	148.7000
42093	08-JAN-93	SS40013AE	SS40480AE	53.6000	MG/KG	*	JA	58.1000	MG/KG	*	JA	8.0600
42493	23-MAR-93	BH40112AE	BH40439AE	112.0000	MG/KG	N*	JA	307.0000	MG/KG	N*	JA	93.0800
42993	20-JAN-93	BH40094AE	BH40141AE	221.0000	MG/KG	N	JA	153.0000	MG/KG	N	JA	36.3600
43193	27-APR-93	VE40719AE	VE40716AE	1220.0000	UG/L		V	1300.0000	UG/L		V	6.3500
43493	21-APR-93	BH40573AE	BH40319AE	420.0000	MG/KG		V	160.0000	MG/KG		V	89.6600
43693	25-MAR-93	BH40563AE	BH40525AE	226.0000	MG/KG	N*	JA	616.0000	MG/KG	N*	JA	92.6400
44393	04-AUG-93	VE40835AE	VE40819AE	0.9300	UG/L		JA	2.4000	UG/L		JA	88.2900
46193	24-MAR-93	BH40562AE	BH40385AE	110.0000	MG/KG	N*	JA	83.4000	MG/KG	N*	JA	27.5100
46793	10-NOV-93	BH40823AE	BH40742AE	235.0000	MG/KG	N*	Y	168.0000	MG/KG	N*	Y	33.2500
46993	22-NOV-93	BH40830AE	BH40757AE	465.0000	MG/KG		Y	247.0000	MG/KG		Y	61.2400
46993	22-NOV-93	SS40146AE	SS40144AE	328.0000	MG/KG		Y	221.0000	MG/KG		Y	38.9800
SS402293	29-DEC-92	SS40016AE	SS40038AE	177.0000	MG/KG	*	JA	183.0000	MG/KG	*	JA	3.3300
Number achieving criteria per number dup pairs: 10 / 16								Percent achieving criteria: 62.50				
MERCURY												
40993	26-FEB-93	SS40412AE	SS40072AE	0.1200	MG/KG	U	JA	0.1200	MG/KG	U	JA	0.0000
41793	09-FEB-93	SS40069AE	SS40077AE	0.1100	MG/KG	U	V	0.1100	MG/KG	U	V	0.0000
41793	14-JUL-93	VE40813AE	VE40809AE	0.2000	UG/L	U	V	0.2000	UG/L	U	V	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	0.2100	MG/KG		V	0.1600	MG/KG		V	27.0300
42093	08-JAN-93	SS40013AE	SS40480AE	0.0500	MG/KG	U	V	0.1200	MG/KG		V	82.3500
42493	23-MAR-93	BH40112AE	BH40439AE	0.1100	MG/KG	U	V	0.3100	MG/KG		V	95.2400
42993	20-JAN-93	BH40094AE	BH40141AE	0.1700	MG/KG		JA	0.1100	MG/KG	U	JA	42.8600
43193	27-APR-93	VE40719AE	VE40716AE	0.2000	UG/L	U	V	0.2000	UG/L	U	V	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	0.1700	MG/KG	U	V	0.1700	MG/KG		V	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	0.1200	MG/KG	U	V	0.1200	MG/KG	U	V	0.0000
44393	04-AUG-93	VE40835AE	VE40819AE	0.2000	UG/L	U	V	0.2000	UG/L	U	V	0.0000
46193	24-MAR-93	BH40562AE	BH40385AE	0.1200	MG/KG	U	V	0.1200	MG/KG	U	V	0.0000
46793	10-NOV-93	BH40823AE	BH40742AE	0.1200	MG/KG	U	Y	0.1200	MG/KG	U	Y	0.0000
46993	22-NOV-93	BH40830AE	BH40757AE	0.0500	MG/KG	U	Y	0.0600	MG/KG	B	Y	18.1800
46993	22-NOV-93	SS40146AE	SS40144AE	0.0600	MG/KG	U	Y	0.0600	MG/KG	U	Y	0.0000
SS402293	29-DEC-92	SS40016AE	SS40038AE	0.0500	MG/KG	UN	JA	0.0500	MG/KG	UN	JA	0.0000
Number achieving criteria per number dup pairs: 13 / 16								Percent achieving criteria: 81.25				
NICKEL												
40993	26-FEB-93	SS40412AE	SS40072AE	12.4000	MG/KG		JA	13.0000	MG/KG		JA	4.7200
41793	09-FEB-93	SS40069AE	SS40077AE	12.0000	MG/KG		V	14.5000	MG/KG		V	18.8700
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	17.6000	MG/KG		V	4.3000	MG/KG	U	V	121.4600
42093	08-JAN-93	SS40013AE	SS40480AE	4.1000	MG/KG	U	V	4.1000	MG/KG	U	V	0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	7.9000	MG/KG	B	V	16.2000	MG/KG		V	68.8800
42993	20-JAN-93	BH40094AE	BH40141AE	13.0000	MG/KG		V	10.3000	MG/KG		V	23.1800
43193	27-APR-93	VE40719AE	VE40716AE	49.7000	UG/L	B	V	100.0000	UG/L	B	V	67.2000
43493	21-APR-93	BH40573AE	BH40319AE	20.1000	MG/KG		JA	8.7000	MG/KG	B	JA	79.1700
43693	25-MAR-93	BH40563AE	BH40525AE	21.4000	MG/KG		V	51.5000	MG/KG		V	82.5800
44393	04-AUG-93	VE40835AE	VE40819AE	12.4000	UG/L	U	V	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	20.8000	MG/KG		V	17.6000	MG/KG		V	16.6700
46793	10-NOV-93	BH40823AE	BH40742AE	15.5000	MG/KG		Y	12.3000	MG/KG		Y	23.0200
46993	22-NOV-93	BH40830AE	BH40757AE	42.2000	MG/KG		Y	23.6000	MG/KG		Y	56.5300
46993	22-NOV-93	SS40146AE	SS40144AE	18.8000	MG/KG		Y	18.6000	MG/KG		Y	1.0700
SS402293	29-DEC-92	SS40016AE	SS40038AE	8.8000	MG/KG		V	7.7000	MG/KG	B	V	13.3300
Number achieving criteria per number dup pairs: 9 / 16								Percent achieving criteria: 56.25				

T_grp_code Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
POTASSIUM												
40993	26-FEB-93	SS40412AE	SS40072AE	2680.0000	MG/KG		V	2940.0000	MG/KG		V	9.2500
41793	09-FEB-93	SS40069AE	SS40077AE	1950.0000	MG/KG		V	2380.0000	MG/KG		V	19.8600
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	729.0000	MG/KG	B	V	637.0000	MG/KG	B	V	13.4700
42093	08-JAN-93	SS40013AE	SS40480AE	643.0000	MG/KG	B	V	749.0000	MG/KG	B	V	15.2300
42493	23-MAR-93	BH40112AE	BH40439AE	1310.0000	MG/KG		JA	1860.0000	MG/KG		JA	34.7000
42993	20-JAN-93	BH40094AE	BH40141AE	2460.0000	MG/KG		JA	2190.0000	MG/KG		JA	11.6100
43193	27-APR-93	VE40719AE	VE40716AE	248000.0000	UG/L		V	238000.0000	UG/L		V	4.1200
43493	21-APR-93	BH40573AE	BH40319AE	1950.0000	MG/KG		JA	1500.0000	MG/KG		JA	26.0900
43693	25-MAR-93	BH40563AE	BH40525AE	1820.0000	MG/KG		JA	2150.0000	MG/KG		JA	16.6200
44393	04-AUG-93	VE40835AE	VE40819AE	6170.0000	UG/L		V	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	2080.0000	MG/KG		JA	1970.0000	MG/KG		JA	5.4300
46793	10-NOV-93	BH40823AE	BH40742AE	1400.0000	MG/KG		Y	1540.0000	MG/KG		Y	9.5200
46993	22-NOV-93	BH40830AE	BH40757AE	6350.0000	MG/KG		Y	5060.0000	MG/KG		Y	22.6100
46993	22-NOV-93	SS40146AE	SS40144AE	7210.0000	MG/KG		Y	8620.0000	MG/KG		Y	17.8100
SS402293	29-DEC-92	SS40016AE	SS40038AE	2150.0000	MG/KG		V	2140.0000	MG/KG		V	0.4700
Number achieving criteria per number dup pairs: 15 / 16								Percent achieving criteria: 93.75				
SELENIUM												
40993	26-FEB-93	SS40412AE	SS40072AE	0.4800	MG/KG	UN	JA	0.4700	MG/KG	UN	JA	2.1100
41793	09-FEB-93	SS40069AE	SS40077AE	0.4600	MG/KG	UN	JA	0.4600	MG/KG	UN	JA	0.0000
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	0.4700	MG/KG	U	V	0.4300	MG/KG	U	V	8.8900
42093	08-JAN-93	SS40013AE	SS40480AE	0.4100	MG/KG	U	V	0.4100	MG/KG	U	V	0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	0.4600	MG/KG	UW	JA	0.4400	MG/KG	UW	JA	4.4400
42993	20-JAN-93	BH40094AE	BH40141AE	0.4600	MG/KG	U	V	0.4700	MG/KG	U	V	2.1500
43193	27-APR-93	VE40719AE	VE40716AE	2.0000	UG/L	UW	JA	2.0000	UG/L	UW	JA	0.0000
43493	21-APR-93	BH40573AE	BH40319AE	0.4600	MG/KG	UWN	JA	0.4600	MG/KG	UWN	JA	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	0.4700	MG/KG	U	V	0.4800	MG/KG	U	V	2.1100
44393	04-AUG-93	VE40835AE	VE40819AE	5.5000	UG/L	U	V	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	0.5000	MG/KG	U	V	0.5000	MG/KG	U	V	0.0000
46793	10-NOV-93	BH40823AE	BH40742AE	0.4800	MG/KG	U	Y	0.4600	MG/KG	U	Y	4.2600
46993	22-NOV-93	BH40830AE	BH40757AE	0.1800	MG/KG	U	Y	0.1800	MG/KG	U	Y	0.0000
46993	22-NOV-93	SS40146AE	SS40144AE	0.1800	MG/KG	U	Y	0.1900	MG/KG	U	Y	5.4100
SS402293	29-DEC-92	SS40016AE	SS40038AE	0.4200	MG/KG	U	V	0.4200	MG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 15 / 16								Percent achieving criteria: 93.75				
SILVER												
40993	26-FEB-93	SS40412AE	SS40072AE	2.4000	MG/KG	UN	V	3.6000	MG/KG	N	V	40.0000
41793	09-FEB-93	SS40069AE	SS40077AE	2.3000	MG/KG	UN	JA	2.3000	MG/KG	UN	JA	0.0000
41793	14-JUL-93	VE40813AE	VE40809AE	3.2000	UG/L	U	V	3.2000	UG/L	U	V	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	2.3000	MG/KG	UN	JA	2.2000	MG/KG	UN	JA	4.4400
42093	08-JAN-93	SS40013AE	SS40480AE	2.1000	MG/KG	UN	JA	2.1000	MG/KG	UN	JA	0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	2.3000	MG/KG	UN	V	2.2000	MG/KG	UN	V	4.4400
42993	20-JAN-93	BH40094AE	BH40141AE	2.3000	MG/KG	UN	JA	2.3000	MG/KG	UN	JA	0.0000
43193	27-APR-93	VE40719AE	VE40716AE	20.0000	UG/L	UN	JA	50.0000	UG/L	UN	V	85.7100
43493	21-APR-93	BH40573AE	BH40319AE	2.3000	MG/KG	UN	JA	2.3000	MG/KG	UN	JA	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	2.4000	MG/KG	UN	V	2.4000	MG/KG	UN	V	0.0000
44393	04-AUG-93	VE40835AE	VE40819AE	3.2000	UG/L	U	V	5.6000	UG/L		JA	54.5500
46193	24-MAR-93	BH40562AE	BH40385AE	2.5000	MG/KG	UN	V	2.5000	MG/KG	UN	V	0.0000
46793	10-NOV-93	BH40823AE	BH40742AE	0.7100	MG/KG	U	Y	0.6800	MG/KG	U	Y	4.3200
46993	22-NOV-93	BH40830AE	BH40757AE	0.9000	MG/KG	U	Y	0.9000	MG/KG	U	Y	0.0000
46993	22-NOV-93	SS40146AE	SS40144AE	0.9000	MG/KG	U	Y	0.9600	MG/KG	U	Y	6.4500
SS402293	29-DEC-92	SS40016AE	SS40038AE	2.1000	MG/KG	UN	JA	2.1000	MG/KG	UN	JA	0.0000
Number achieving criteria per number dup pairs: 14 / 16								Percent achieving criteria: 87.50				
SODIUM												

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
40993	26-FEB-93	SS40412AE	SS40072AE	240.0000	MG/KG	U	V	230.0000	MG/KG	U	V	4.2600
41793	09-FEB-93	SS40069AE	SS40077AE	229.0000	MG/KG	U	V	228.0000	MG/KG	U	V	0.4400
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	234.0000	MG/KG	U	V	216.0000	MG/KG	U	V	8.0000
42093	08-JAN-93	SS40013AE	SS40480AE	339.0000	MG/KG	B	V	378.0000	MG/KG	B	V	10.8800
42493	23-MAR-93	BH40112AE	BH40439AE	310.0000	MG/KG	B	JA	531.0000	MG/KG	B	JA	52.5600
42993	20-JAN-93	BH40094AE	BH40141AE	929.0000	MG/KG	B	V	863.0000	MG/KG	B	V	7.3700
43193	27-APR-93	VE40719AE	VE40716AE	1400000.0000	UG/L		V	1440000.0000	UG/L		V	2.8200
43493	21-APR-93	BH40573AE	BH40319AE	230.0000	MG/KG	U	JA	230.0000	MG/KG	U	JA	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	841.0000	MG/KG	B	JA	465.0000	MG/KG	B	JA	57.5800
44393	04-AUG-93	VE40835AE	VE40819AE	187000.0000	UG/L		V	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	1020.0000	MG/KG	B	JA	1030.0000	MG/KG	B	JA	0.9800
46793	10-NOV-93	BH40823AE	BH40742AE	1910.0000	MG/KG		Y	1810.0000	MG/KG		Y	5.3800
46993	22-NOV-93	BH40830AE	BH40757AE	5120.0000	MG/KG		Y	3900.0000	MG/KG		Y	27.0500
46993	22-NOV-93	SS40146AE	SS40144AE	6370.0000	MG/KG		Y	7440.0000	MG/KG		Y	15.5000
SS402293	29-DEC-92	SS40016AE	SS40038AE	211.0000	MG/KG	U	V	212.0000	MG/KG	U	V	0.4700

Number achieving criteria per number dup pairs: 13 / 16 — Percent achieving criteria: 81.25

THALLIUM

40993	26-FEB-93	SS40412AE	SS40072AE	0.4800	MG/KG	U	V	0.4700	MG/KG	U	V	2.1100
41793	09-FEB-93	SS40069AE	SS40077AE	0.4600	MG/KG	UN	JA	0.4600	MG/KG	UN	JA	0.0000
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	0.2300	MG/KG	U	V	0.2200	MG/KG	U	V	4.4400
42093	08-JAN-93	SS40013AE	SS40480AE	0.2100	MG/KG	U	V	0.2100	MG/KG	U	V	0.0000
42493	23-MAR-93	BH40112AE	BH40439AE	0.4600	MG/KG	UW	JA	0.4400	MG/KG	UW	R	4.4400
42993	20-JAN-93	BH40094AE	BH40141AE	0.2300	MG/KG	U	V	0.2300	MG/KG	U	V	0.0000
43193	27-APR-93	VE40719AE	VE40716AE	2.0000	UG/L	UW	JA	89.1000	UG/L		V	191.2200
43493	21-APR-93	BH40573AE	BH40319AE	0.4600	MG/KG	UW	JA	0.4600	MG/KG	UW	JA	0.0000
43693	25-MAR-93	BH40563AE	BH40525AE	0.4700	MG/KG	U	V	0.4800	MG/KG	U	V	2.1100
44393	04-AUG-93	VE40835AE	VE40819AE	1.3000	UG/L	U	JA	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	0.5000	MG/KG	U	V	0.5000	MG/KG	U	V	0.0000
46793	10-NOV-93	BH40823AE	BH40742AE	0.4800	MG/KG	B	Y	0.4600	MG/KG	UW	Y	4.2600
46993	22-NOV-93	BH40830AE	BH40757AE	0.2200	MG/KG	U	Y	0.2200	MG/KG	U	Y	0.0000
46993	22-NOV-93	SS40146AE	SS40144AE	0.2500	MG/KG	B	Y	0.2300	MG/KG	U	Y	8.3300
SS402293	29-DEC-92	SS40016AE	SS40038AE	0.2100	MG/KG	U	V	0.2100	MG/KG	U	V	0.0000

Number achieving criteria per number dup pairs: 14 / 16 — Percent achieving criteria: 87.50

VANADIUM

40993	26-FEB-93	SS40412AE	SS40072AE	23.6000	MG/KG		V	26.8000	MG/KG		V	12.7000
41793	09-FEB-93	SS40069AE	SS40077AE	24.0000	MG/KG		V	27.8000	MG/KG		V	14.6700
41793	14-JUL-93	VE40813AE	VE40809AE	0.0000			Z	0.0000			Z	0.0000
42093	08-JAN-93	BH40103AE	BH40483AE	18.9000	MG/KG		V	15.7000	MG/KG		V	18.5000
42093	08-JAN-93	SS40013AE	SS40480AE	9.3000	MG/KG	B	V	10.2000	MG/KG	B	V	9.2300
42493	23-MAR-93	BH40112AE	BH40439AE	25.3000	MG/KG		V	27.2000	MG/KG		V	7.2400
42993	20-JAN-93	BH40094AE	BH40141AE	30.7000	MG/KG		V	26.6000	MG/KG		V	14.3100
43193	27-APR-93	VE40719AE	VE40716AE	20.0000	UG/L	U	V	50.0000	UG/L	U	V	85.7100
43493	21-APR-93	BH40573AE	BH40319AE	45.9000	MG/KG		V	38.7000	MG/KG		V	17.0200
43693	25-MAR-93	BH40563AE	BH40525AE	32.4000	MG/KG		V	45.7000	MG/KG		V	34.0600
44393	04-AUG-93	VE40835AE	VE40819AE	49.5000	UG/L		V	0.0000			Z	200.0000
46193	24-MAR-93	BH40562AE	BH40385AE	40.1000	MG/KG		V	60.8000	MG/KG		V	41.0300
46793	10-NOV-93	BH40823AE	BH40742AE	23.9000	MG/KG		Y	26.6000	MG/KG		Y	10.6900
46993	22-NOV-93	BH40830AE	BH40757AE	39.5000	MG/KG		Y	30.5000	MG/KG		Y	25.7100
46993	22-NOV-93	SS40146AE	SS40144AE	29.6000	MG/KG		Y	32.0000	MG/KG		Y	7.7900
SS402293	29-DEC-92	SS40016AE	SS40038AE	21.5000	MG/KG		V	21.3000	MG/KG		V	0.9300

Number achieving criteria per number dup pairs: 13 / 16 — Percent achieving criteria: 81.25

ZINC

40993	26-FEB-93	SS40412AE	SS40072AE	49.7000	MG/KG		V	50.4000	MG/KG		V	1.4000
41793	09-FEB-93	SS40069AE	SS40077AE	33.4000	MG/KG	E	JA	39.0000	MG/KG	E	JA	15.4700

Appendix II.Y - Phase I - Metals
Relative Percent Difference

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
41793	14-JUL-93	VE40813AE	VE40809AE	13.8000	UG/L		JA	13.7000	UG/L		JA	0.7300
42093	08-JAN-93	BH40103AE	BH40483AE	48.8000	MG/KG		V	63.0000	MG/KG		V	25.4000
42093	08-JAN-93	SS40013AE	SS40480AE	42.0000	MG/KG		V	35.9000	MG/KG		V	15.6600
42493	23-MAR-93	BH40112AE	BH40439AE	17.5000	MG/KG		JA	37.5000	MG/KG		V	72.7300
42993	20-JAN-93	BH40094AE	BH40141AE	45.4000	MG/KG		V	37.2000	MG/KG		V	19.8500
43193	27-APR-93	VE40719AE	VE40716AE	20.0000	UG/L	U	JA	50.0000	UG/L	U	V	85.7100
43493	21-APR-93	BH40573AE	BH40319AE	28.8000	MG/KG		JA	21.5000	MG/KG		JA	29.0300
43693	25-MAR-93	BH40563AE	BH40525AE	57.3000	MG/KG		V	91.6000	MG/KG		V	46.0700
44393	04-AUG-93	VE40835AE	VE40819AE	24.1000	UG/L		V	22.8000	UG/L		V	5.5400
46193	24-MAR-93	BH40562AE	BH40385AE	62.7000	MG/KG		V	92.8000	MG/KG		V	38.7100
46793	10-NOV-93	BH40823AE	BH40742AE	71.3000	MG/KG	E	Y	68.1000	MG/KG	E	Y	4.5900
46993	22-NOV-93	BH40830AE	BH40757AE	13.6000	MG/KG		Y	12.2000	MG/KG		Y	10.8500
46993	22-NOV-93	SS40146AE	SS40144AE	14.7000	MG/KG		Y	18.2000	MG/KG		Y	21.2800
SS402293	29-DEC-92	SS40016AE	SS40038AE	35.3000	MG/KG		V	32.6000	MG/KG		V	7.9500

Number achieving criteria per number dup pairs: 13 / 16 — Percent achieving criteria: 81.25
Total group achieving criteria per number dup pairs: 290 / 368 — Total group achieving criteria: 78.80

Appendix II.Y - Historical - VOAs
Relative Percent Difference

T_grp_code
Chemical

BNACLP

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
1,2,4-TRICHLOROBENZENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
1,2-DICHLOROBENZENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
1,3-DICHLOROBENZENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
1,4-DICHLOROBENZENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2,4,5-TRICHLOROPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	1600.0000	UG/KG	U		1600.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	3800.0000	UG/KG	U	V	3900.0000	UG/KG	U	V	2.6000
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2,4,6-TRICHLOROPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2,4-DICHLOROPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2,4-DIMETHYLPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2,4-DINITROPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	1600.0000	UG/KG	U		1600.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	3800.0000	UG/KG	U	V	3900.0000	UG/KG	U	V	2.6000
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2,4-DINITROTOLUENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2,6-DINITROTOLUENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				

T_grp_code

Chemical / Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
2-CHLORONAPHTHALENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2-CHLOROPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2-METHYLNAPHTHALENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2-METHYLPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2-NITROANILINE												
3787	16-JUL-87	BH37870005D	BH37870005	1600.0000	UG/KG	U		1600.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	3800.0000	UG/KG	U	V	3900.0000	UG/KG	U	V	2.6000
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2-NITROPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2-PENTANONE, 4-HYDROXY-4-MET												
40191	18-SEP-91	BH00008EB	BH00006EB	180000.0000	UG/KG	BJ		170000.0000	UG/KG	BJ		5.7100
Number achieving criteria per number dup pairs: 1 / 1								Percent achieving criteria: 100.00				
2-PYRROLIDINONE, 1-METHYL-												
40191	18-SEP-91	BH00008EB	BH00006EB	4700.0000	UG/KG	BJ		4700.0000	UG/KG	BJ		0.0000
Number achieving criteria per number dup pairs: 1 / 1								Percent achieving criteria: 100.00				
3,3'-DICHLOROBENZIDINE												
3787	16-JUL-87	BH37870005D	BH37870005	660.0000	UG/KG	U		660.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	1600.0000	UG/KG	U	V	1600.0000	UG/KG	U	V	0.0000
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
3-NITROANILINE												
3787	16-JUL-87	BH37870005D	BH37870005	1600.0000	UG/KG	U		1600.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	3800.0000	UG/KG	U	R	3900.0000	UG/KG	U	R	2.6000
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
4,6-DINITRO-2-METHYLPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	1600.0000	UG/KG	U		1600.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	3800.0000	UG/KG	U	V	3900.0000	UG/KG	U	V	2.6000
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
4-CHLORO-3-METHYLPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				

T_grp_code

Chemical / Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
4-CHLOROANILINE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	R	800.0000	UG/KG	U	R	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
4-CHLOROPHENYL PHENYL ETHER												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
4-METHYLPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
4-NITROANILINE												
3787	16-JUL-87	BH37870005D	BH37870005	1600.0000	UG/KG	U		1600.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	3800.0000	UG/KG	U	V	3900.0000	UG/KG	U	V	2.6000
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
4-NITROPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	1600.0000	UG/KG	U		1600.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	3800.0000	UG/KG	U	V	3900.0000	UG/KG	U	V	2.6000
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
ACENAPHTHENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
ACENAPHTHYLENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
ANTHRACENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
BENZO(a)ANTHRACENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
BENZO(a)PYRENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
BENZO(b)FLUORANTHENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
BENZO(ghi)PERYLENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
BENZO(k)FLUORANTHENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
BENZOIC ACID												
3787	16-JUL-87	BH37870005D	BH37870005	1600.0000	UG/KG	U		1600.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	3800.0000	UG/KG	U	V	3900.0000	UG/KG	U	V	2.6000
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
BENZYL ALCOHOL												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
BIS(2-CHLOROETHOXY)METHANE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
BIS(2-CHLOROETHYL)ETHER												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
BIS(2-CHLOROISOPROPYL)ETHER												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
BIS(2-ETHYLHEXYL)PHTHALATE												
3787	16-JUL-87	BH37870005D	BH37870005	8700.0000	UG/KG	B		4900.0000	UG/KG	B		55.8800
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 1 / 2								Percent achieving criteria: 50.00				
BUTYL BENZYL PHTHALATE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
CHRYSENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
DI-n-BUTYL PHTHALATE												
3787	16-JUL-87	BH37870005D	BH37870005	160.0000	UG/KG	J		170.0000	UG/KG	J		6.0600
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
DI-n-OCTYL PHTHALATE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
DIBENZO(a,h)ANTHRACENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
DIBENZOFURAN												
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
DIETHYL PHTHALATE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
DIMETHYL PHTHALATE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
FLUORANTHENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		110.0000	UG/KG	J		100.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 1 / 2								Percent achieving criteria: 50.00				
FLUORENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
HEXACHLOROBENZENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
HEXACHLOROBUTADIENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
HEXACHLOROCYCLOPENTADIENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
HEXACHLOROETHANE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
INDENO(1,2,3-cd)PYRENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
ISOPHORONE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
N-NITROSO-DI-n-PROPYLAMINE												

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
N-NITROSODIPHENYLAMINE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
NAPHTHALENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
NITROBENZENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
PENTACHLOROPHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	1600.0000	UG/KG	U		1600.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	3800.0000	UG/KG	U	V	3900.0000	UG/KG	U	V	2.6000
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
PHENANTHRENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
PHENOL												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
PYRENE												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
p-BROMODIPHENYL ETHER												
3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	U		330.0000	UG/KG	U		0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	790.0000	UG/KG	U	V	800.0000	UG/KG	U	V	1.2600
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
Total group achieving criteria per number dup pairs: 130 / 132								Total group achieving criteria: 98.48				

VOACLP

1,1,1-TRICHLOROETHANE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 12 / 12 Percent achieving criteria: 100.00

1,1,2,2-TETRACHLOROETHANE

3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 12 / 12 Percent achieving criteria: 100.00

1,1,2-TRICHLOROETHANE

3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 12 / 12 Percent achieving criteria: 100.00

1,1-DICHLOROETHANE

3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	R	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 12 / 12 Percent achieving criteria: 100.00

1,1-DICHLOROETHENE

3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000

T_grp_code

Chemical / Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
1,2-DICHLOROETHANE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
1,2-DICHLOROETHENE												
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 11 / 11								Percent achieving criteria: 100.00				
1,2-DICHLOROPROPANE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
2-BUTANONE												
3787	16-JUL-87	BH37870005D	BH37870005	12.0000	UG/KG	U		12.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	12.0000	UG/G	U	V	12.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	1.0000	UG/G	J	A	11.0000	UG/G	U	V	166.6700
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	50.0000	UG/KG	U		50.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 11 / 12								Percent achieving criteria: 91.67				
2-CHLOROETHYL VINYL ETHER												
3787	16-JUL-87	BH37870005D	BH37870005	12.0000	UG/KG	U		12.0000	UG/KG	U		0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	50.0000	UG/KG	U		50.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 2 / 2								Percent achieving criteria: 100.00				
2-HEXANONE												
3787	16-JUL-87	BH37870005D	BH37870005	12.0000	UG/KG	U		12.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	12.0000	UG/G	U	V	12.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	11.0000	UG/G	U	V	11.0000	UG/G	U	V	0.0000
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	50.0000	UG/KG	U		50.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
4-METHYL-2-PENTANONE												
3787	16-JUL-87	BH37870005D	BH37870005	12.0000	UG/KG	U		12.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	12.0000	UG/G	U	V	12.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	11.0000	UG/G	U	V	11.0000	UG/G	U	V	0.0000
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	50.0000	UG/KG	U		50.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
ACETONE												
3787	16-JUL-87	BH37870005D	BH37870005	28.0000	UG/KG			25.0000	UG/KG			11.3200
P207689	05-MAY-89	SEP04890002	SEP04890002	5.0000	UG/G	JB	A	8.0000	UG/G	J	A	46.1500
P207889	01-MAY-89	SEP06890002	SEP06890002	11.0000	UG/G	U	V	4.0000	UG/G	JB	A	93.3300
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	12.0000	UG/KG	U	V	22.0000	UG/KG	B	A	58.8200
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	11.0000	UG/G	U		8.0000	UG/G	J		31.5800
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	4.0000	UG/KG	J	A	12.0000	UG/KG	U	V	100.0000
P213289	29-AUG-89	BH774038912	BH774038912	12.0000	UG/KG	UJ	A	12.0000	UG/KG	UJ	A	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	12.0000	UG/KG	U	R	11.0000	UG/KG	J	A	8.7000
P219189	30-NOV-89	P2191890406	P2191890406	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	50.0000	UG/KG	U		50.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 8 / 12								Percent achieving criteria: 66.67				
BENZENE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 12 / 12 Percent achieving criteria: 100.00

BROMODICHLOROMETHANE

3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG			25.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 12 / 12 Percent achieving criteria: 100.00

BROMOFORM

3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	R	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 12 / 12 Percent achieving criteria: 100.00

BROMOMETHANE

3787	16-JUL-87	BH37870005D	BH37870005	12.0000	UG/KG	U		12.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	12.0000	UG/G	U	V	12.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	11.0000	UG/G	U	V	11.0000	UG/G	U	V	0.0000
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	50.0000	UG/KG	U		50.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 12 / 12 Percent achieving criteria: 100.00

CARBON DISULFIDE

T_grp_code

Chemical / Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	31.0000	UG/KG		V	135.1400
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 11 / 12 Percent achieving criteria: 91.67

CARBON TETRACHLORIDE

3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 12 / 12 Percent achieving criteria: 100.00

CHLOROBENZENE

3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 12 / 12 Percent achieving criteria: 100.00

CHLOROETHANE

3787	16-JUL-87	BH37870005D	BH37870005	12.0000	UG/KG	U		12.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	12.0000	UG/G	U	R	12.0000	UG/G	U	R	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	11.0000	UG/G	U	V	11.0000	UG/G	U	V	0.0000
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	50.0000	UG/KG	U		50.0000	UG/KG	U		0.0000

Number achieving criteria per number dup pairs: 12 / 12 Percent achieving criteria: 100.00

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
CHLOROFORM												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	1.0000	UG/G	J	A	5.0000	UG/G	U	V	133.3300
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 11 / 12								Percent achieving criteria: 91.67				
CHLOROMETHANE												
3787	16-JUL-87	BH37870005D	BH37870005	12.0000	UG/KG	U		12.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	12.0000	UG/G	U	V	12.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	11.0000	UG/G	U	V	11.0000	UG/G	U	V	0.0000
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	50.0000	UG/KG	U		50.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
DIBROMOCHLOROMETHANE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	R	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
ETHYLBENZENE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
METHYLENE CHLORIDE												
3787	16-JUL-87	BH37870005D	BH37870005	37.4000	UG/KG			10.0000	UG/KG			115.6100
P207689	05-MAY-89	SEP04890002	SEP04890002	2.0000	UG/G	JB	A	14.0000	UG/G		V	150.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	8.0000	UG/G	B	A	5.0000	UG/G	B	A	46.1500
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	4.0000	UG/G	J		9.0000	UG/G			76.9200
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	2.0000	UG/KG	J	A	1.0000	UG/KG	J	A	66.6700
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	2.0000	UG/G	J		2.0000	UG/G	J		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	1.0000	UG/KG	J	A	2.0000	UG/KG	J	A	66.6700
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	UJ	A	12.0000	UG/KG	UJ	A	66.6700
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	UJ	A	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	UJ	A	6.0000	UG/KG	UJ	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 5 / 12								Percent achieving criteria: 41.67				
STYRENE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	5.0000	UG/G	JB	V	5.0000	UG/G	U	V	0.0000
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
TETRACHLOROETHENE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
TOLUENE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
TOTAL XYLENES												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
TRICHLOROETHENE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
VINYL ACETATE												
3787	16-JUL-87	BH37870005D	BH37870005	12.0000	UG/KG	U		12.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	2.0000	UG/G	J	A	12.0000	UG/G	U	R	142.8600
P207889	01-MAY-89	SEP06890002	SEP06890002	11.0000	UG/G	U	R	11.0000	UG/G	U	V	0.0000
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	50.0000	UG/KG	U		50.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 11 / 12								Percent achieving criteria: 91.67				
VINYL CHLORIDE												
3787	16-JUL-87	BH37870005D	BH37870005	12.0000	UG/KG	U		12.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	12.0000	UG/G	U	V	12.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	11.0000	UG/G	U	V	11.0000	UG/G	U	V	0.0000
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	11.0000	UG/G	U		11.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
P219189	30-NOV-89	P2191890406	P2191890406	12.0000	UG/KG	U	V	12.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	50.0000	UG/KG	U		50.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
cis-1,3-DICHLOROPROPENE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	V	6.0000	UG/G	U	V	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
trans-1,2-DICHLOROETHENE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 1 / 1								Percent achieving criteria: 100.00				
trans-1,3-DICHLOROPROPENE												
3787	16-JUL-87	BH37870005D	BH37870005	6.0000	UG/KG	U		6.0000	UG/KG	U		0.0000
P207689	05-MAY-89	SEP04890002	SEP04890002	6.0000	UG/G	U	R	6.0000	UG/G	U	R	0.0000
P207889	01-MAY-89	SEP06890002	SEP06890002	6.0000	UG/G	U	V	5.0000	UG/G	U	V	18.1800
P209089	17-MAY-89	SEP1889BR00	SEP1889BR00	5.0000	UG/G	U		5.0000	UG/G	U		0.0000
P209189	25-MAY-89	SEP1989BR00	SEP1989BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P209389	07-JUN-89	SEP2189BR22	SEP2189BR22	6.0000	UG/G	U		6.0000	UG/G	U		0.0000
P209489	16-MAY-89	SEP2289BR12	SEP2289BR12	0.0000				0.0000				0.0000
P209889	11-MAY-89	SEP2689BR00	SEP2689BR00	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P213289	29-AUG-89	BH774038912	BH774038912	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P218389	09-NOV-89	P2183891416	P2183891416	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
P219189	30-NOV-89	P2191890406	P2191890406	6.0000	UG/KG	U	V	6.0000	UG/KG	U	V	0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	25.0000	UG/KG	U		25.0000	UG/KG	U		0.0000
Number achieving criteria per number dup pairs: 12 / 12								Percent achieving criteria: 100.00				
Total group achieving criteria per number dup pairs: 395 / 410								Total group achieving criteria: 96.34				

Appendix II.Y - Historical - Metals
Relative Percent Difference

T_grp_code

METADD

Chemical / Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
CESIUM												
40191	18-SEP-91	BH00008EB	BH00006EB	11.7000	MG/KG	U	JA	11.2000	MG/KG	U	JA	4.3700
Number achieving criteria per number dup pairs: 1 / 1								Percent achieving criteria: 100.00				
LITHIUM												
40191	18-SEP-91	BH00008EB	BH00006EB	5.1000	MG/KG	B	JA	5.6000	MG/KG	B	JA	9.3500
Number achieving criteria per number dup pairs: 1 / 1								Percent achieving criteria: 100.00				
MOLYBDENUM												
40191	18-SEP-91	BH00008EB	BH00006EB	4.1000	MG/KG	U	JA	1.2000	MG/KG	U	JA	109.4300
Number achieving criteria per number dup pairs: 0 / 1								Percent achieving criteria: 0.00				
STRONTIUM												
40191	18-SEP-91	BH00008EB	BH00006EB	83.0000	MG/KG		JA	67.9000	MG/KG		JA	20.0100
Number achieving criteria per number dup pairs: 1 / 1								Percent achieving criteria: 100.00				
TIN												
40191	18-SEP-91	BH00008EB	BH00006EB	7.7000	MG/KG	U	R	3.8000	MG/KG	U	R	67.8300
Number achieving criteria per number dup pairs: 0 / 1								Percent achieving criteria: 0.00				
Total group achieving criteria per number dup pairs: 3 / 5								Total group achieving criteria: 60.00				

SMETCLP

ALUMINUM												
3787	16-JUL-87	BH37870005D	BH37870005	8510000.0000	UG/KG		N	6000000.0000	UG/KG		N	34.6000
40191	18-SEP-91	BH00008EB	BH00006EB	9380.0000	MG/KG		V	8070.0000	MG/KG		V	15.0100
P207689	05-MAY-89	SEP04890006	SEP04890006	8900.0000	MG/KG		A	14700.0000	MG/KG			49.1500
P207889	01-MAY-89	SEP06890306	SEP06890306	7480.0000	UG/G		A	9760.0000	UG/G		A	26.4500
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	7600.0000	MG/KG		V	6760.0000	MG/KG		V	11.7000
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	5950.0000	MG/KG		V	7060.0000	MG/KG		V	17.0600
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	5060.0000	MG/KG		V	3640.0000	MG/KG		V	32.6400
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	5350.0000	MG/KG		V	6750.0000	MG/KG		V	23.1400
P213289	29-AUG-89	BH774038910	BH774038910	5100.0000	MG/KG		A	5280.0000	MG/KG		A	3.4700
P218389	08-NOV-89	P2183891216	P2183891216	3730.0000	MG/KG			2080.0000	MG/KG		V	56.8000
SP0487	30-OCT-87	SP0487004D	SP048704DH	20344.5820	MG/KG		N	18763.8203	MG/KG		N	8.0800
SP1087	10-NOV-87	SP1087017D	SP108717DH	9461.2373	MG/KG		N	7236.2070	MG/KG		N	26.6500
SP1387	06-NOV-87	SP13876DUP	SP138706DH	1886.7778	MG/KG		N	7966.8970	MG/KG		N	123.4100
SP1587	12-NOV-87	SP1587008D	SP158708DH	20545.6660	MG/KG		N	10158.8730	MG/KG		N	67.6600
Number achieving criteria per number dup pairs: 11 / 15								Percent achieving criteria: 73.33				
ANTIMONY												
3787	16-JUL-87	BH37870005D	BH37870005	6400.0000	UG/KG	UR	N	6200.0000	UG/KG	UR	N	3.1700
40191	18-SEP-91	BH00008EB	BH00006EB	63.6000	MG/KG	U	JA	21.0000	MG/KG	U	JA	100.7100
P207689	05-MAY-89	SEP04890006	SEP04890006	8.4000	MG/KG	U	V	14.5000	MG/KG	U		53.2800
P207889	01-MAY-89	SEP06890306	SEP06890306	14.4000	UG/G	U	A	14.3000	UG/G	U	A	0.7000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	2.2000	MG/KG	U	R	2.2000	MG/KG	U	R	0.0000
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	6.0000	MG/KG	U	R	5.9000	MG/KG	U	R	1.6800
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	3.1000	MG/KG	UJ	A	2.5000	MG/KG	UJ	A	21.4300
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	2.3000	MG/KG	U	R	3.9000	MG/KG	UJ	A	51.6100
P213289	29-AUG-89	BH774038910	BH774038910	2.4000	MG/KG	UJ	A	5.6000	MG/KG	UJ	A	80.0000

Appendix II.Y - Historical - Metals
Relative Percent Difference

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
P218389	08-NOV-89	P2183891216	P2183891216	13.2000	MG/KG	U		5.1000	MG/KG	U	R	88.5200
SP0487	30-OCT-87	SP0487004D	SP048704DH	12.6159	MG/KG		N	6.0618	MG/KG		N	70.1800
SP1087	10-NOV-87	SP1087017D	SP108717DH	3.8239	MG/KG		N	2.4895	MG/KG		N	42.2700
SP1387	06-NOV-87	SP13876DUP	SP138706DH	4.1735	MG/KG		N	5.4798	MG/KG		N	27.0600
SP1587	12-NOV-87	SP1587008D	SP158708DH	2.6299	MG/KG		N	2.0742	MG/KG	U	N	23.6300

Number achieving criteria per number dup pairs: 8 / 15 Percent achieving criteria: 53.33

ARSENIC

3787	16-JUL-87	BH37870005D	BH37870005	7080.0000	UG/KG	R	N	7000.0000	UG/KG		N	1.1400
40191	18-SEP-91	BH00008EB	BH00006EB	5.9000	MG/KG	N	JA	5.5000	MG/KG	N	JA	7.0200
P207689	05-MAY-89	SEP04890006	SEP04890006	4.5000	MG/KG		A	4.9000	MG/KG	U		8.5100
P207889	01-MAY-89	SEP06890306	SEP06890306	4.4000	UG/G		A	2.8000	UG/G		A	44.4400
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	1.8000	MG/KG	UJ	A	1.9000	MG/KG	UJ	A	5.4100
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	2.6000	MG/KG		A	5.3000	MG/KG		A	68.3500
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	2.2000	MG/KG		V	3.1000	MG/KG		V	33.9600
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	3.5000	MG/KG		V	2.5000	MG/KG		V	33.3300
P213289	29-AUG-89	BH774038910	BH774038910	5.3000	MG/KG		A	3.8000	MG/KG		A	32.9700
P218389	08-NOV-89	P2183891216	P2183891216	1.7000	MG/KG	U		0.9100	MG/KG	J	A	60.5400
SP0487	30-OCT-87	SP0487004D	SP048704DH	5.6000	MG/KG		N	4.3000	MG/KG		N	26.2600
SP1087	10-NOV-87	SP1087017D	SP108717DH	3.4000	MG/KG		N	3.4000	MG/KG		N	0.0000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	8.3000	MG/KG		N	10.0000	MG/KG		N	18.5800
SP1587	12-NOV-87	SP1587008D	SP158708DH	10.0000	MG/KG		N	7.0000	MG/KG		N	35.2900

Number achieving criteria per number dup pairs: 12 / 15 Percent achieving criteria: 80.00

BARIUM

3787	16-JUL-87	BH37870005D	BH37870005	122000.0000	UG/KG		N	63100.0000	UG/KG		N	63.6400
40191	18-SEP-91	BH00008EB	BH00006EB	187.0000	MG/KG		V	103.0000	MG/KG		V	57.9300
P207689	05-MAY-89	SEP04890006	SEP04890006	146.0000	MG/KG		A	80.5000	MG/KG			57.8400
P207889	01-MAY-89	SEP06890306	SEP06890306	108.0000	UG/G		A	122.0000	UG/G		A	12.1700
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	73.0000	MG/KG		V	77.4000	MG/KG		V	5.8500
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	90.7000	MG/KG		V	97.2000	MG/KG		V	6.9200
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	7.7000	MG/KG		V	93.0000	MG/KG		V	169.4100
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	181.0000	MG/KG		V	55.5000	MG/KG		V	106.1300
P213289	29-AUG-89	BH774038910	BH774038910	48.9000	MG/KG		A	55.1000	MG/KG		A	11.9200
P218389	08-NOV-89	P2183891216	P2183891216	44.0000	MG/KG	U		45.5000	MG/KG	U	V	3.3500
SP0487	30-OCT-87	SP0487004D	SP048704DH	200.1452	MG/KG		N	174.0399	MG/KG		N	13.9500
SP1087	10-NOV-87	SP1087017D	SP108717DH	87.7437	MG/KG		N	98.7589	MG/KG		N	11.8100
SP1387	06-NOV-87	SP13876DUP	SP138706DH	11.5060	MG/KG		N	27.9978	MG/KG		N	83.4900
SP1587	12-NOV-87	SP1587008D	SP158708DH	242.3069	MG/KG		N	120.7201	MG/KG		N	66.9800

Number achieving criteria per number dup pairs: 8 / 15 Percent achieving criteria: 53.33

BERYLLIUM

3787	16-JUL-87	BH37870005D	BH37870005	1150.0000	UG/KG	U	N	1100.0000	UG/KG	U	N	4.4400
40191	18-SEP-91	BH00008EB	BH00006EB	1.6000	MG/KG		JA	1.0000	MG/KG	B	JA	46.1500
P207689	05-MAY-89	SEP04890006	SEP04890006	2.7000	MG/KG		A	3.8000	MG/KG			33.8500
P207889	01-MAY-89	SEP06890306	SEP06890306	2.3000	UG/G		A	3.2000	UG/G		A	32.7300
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	2.2000	MG/KG		V	1.8000	MG/KG		V	20.0000
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	2.5000	MG/KG		A	2.7000	MG/KG		A	7.6900
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	2.9000	MG/KG		V	2.4000	MG/KG		V	18.8700
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	1.9000	MG/KG		A	2.1000	MG/KG		A	10.0000
P213289	29-AUG-89	BH774038910	BH774038910	0.8200	MG/KG	UJ	A	0.6700	MG/KG	UJ	A	20.1300
P218389	08-NOV-89	P2183891216	P2183891216	1.1000	MG/KG	U		0.9700	MG/KG	UJ	A	12.5600
SP0487	30-OCT-87	SP0487004D	SP048704DH	2.8900	MG/KG	U	N	2.3248	MG/KG	U	N	21.6800
SP1087	10-NOV-87	SP1087017D	SP108717DH	2.4354	MG/KG	U	N	3.6627	MG/KG		N	40.2500
SP1387	06-NOV-87	SP13876DUP	SP138706DH	2.3646	MG/KG	U	N	2.3240	MG/KG	U	N	1.7300
SP1587	12-NOV-87	SP1587008D	SP158708DH	2.5104	MG/KG	U	N	2.3885	MG/KG	U	N	4.9800

Appendix II.Y - Historical - Metals
Relative Percent Difference

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
Number achieving criteria per number dup pairs: 13 / 15								Percent achieving criteria: 86.67				
CADMIUM												
3787	16-JUL-87	BH37870005D	BH37870005	1150.0000	UG/KG	U	N	1100.0000	UG/KG	U	N	4.4400
40191	18-SEP-91	BH00008EB	BH00006EB	0.9000	MG/KG	B	V	0.4500	MG/KG	U	V	66.6700
P207689	05-MAY-89	SEP04890006	SEP04890006	0.7600	MG/KG	U	V	1.2000	MG/KG	U		44.9000
P207889	01-MAY-89	SEP06890306	SEP06890306	1.2000	UG/G	U	A	1.2000	UG/G	U	A	0.0000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	0.1900	MG/KG	U	R	0.1900	MG/KG	U	V	0.0000
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	0.8100	MG/KG	U	V	0.8000	MG/KG	U	V	1.2400
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.8800	MG/KG	U	V	0.7100	MG/KG	U	V	21.3800
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	0.2000	MG/KG	U	R	0.1900	MG/KG	U	R	5.1300
P213289	29-AUG-89	BH774038910	BH774038910	0.3000	MG/KG	U	V	0.7600	MG/KG	U	V	86.7900
P218389	08-NOV-89	P2183891216	P2183891216	1.1000	MG/KG	U		0.6900	MG/KG	U	V	45.8100
SP0487	30-OCT-87	SP0487004D	SP048704DH	119.1365	MG/KG		N	70.8517	MG/KG		N	50.8300
SP1087	10-NOV-87	SP1087017D	SP108717DH	2.7530	MG/KG		N	2.5593	MG/KG		N	7.2900
SP1387	06-NOV-87	SP13876DUP	SP138706DH	2.3818	MG/KG		N	2.5738	MG/KG		N	7.7500
SP1587	12-NOV-87	SP1587008D	SP158708DH	1.9617	MG/KG		N	2.3540	MG/KG		N	18.1800
Number achieving criteria per number dup pairs: 10 / 15								Percent achieving criteria: 66.67				
CALCIUM												
3787	16-JUL-87	BH37870005D	BH37870005	254000000.00	UG/KG		N	44000000.000	UG/KG		N	140.9400
40191	18-SEP-91	BH00008EB	BH00006EB	8060.0000	MG/KG	E	V	5320.0000	MG/KG	E	V	40.9600
P207689	05-MAY-89	SEP04890006	SEP04890006	102000.0000	MG/KG		V	32100.0000	MG/KG			104.2500
P207889	01-MAY-89	SEP06890306	SEP06890306	144000.0000	UG/G		A	154000.0000	UG/G		A	6.7100
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	3710.0000	MG/KG		V	3510.0000	MG/KG		V	5.5400
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	4500.0000	MG/KG		A	3970.0000	MG/KG		A	12.5100
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	3720.0000	MG/KG		V	2840.0000	MG/KG		V	26.8300
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	7600.0000	MG/KG		V	6850.0000	MG/KG		V	10.3800
P213289	29-AUG-89	BH774038910	BH774038910	3500.0000	MG/KG		A	3970.0000	MG/KG		A	12.5800
P218389	08-NOV-89	P2183891216	P2183891216	2900.0000	MG/KG			2300.0000	MG/KG		A	23.0800
SP0487	30-OCT-87	SP0487004D	SP048704DH	81473.1641	MG/KG		N	119857.7580	MG/KG		N	38.1300
SP1087	10-NOV-87	SP1087017D	SP108717DH	4378.8843	MG/KG		N	3451.5979	MG/KG		N	23.6800
SP1387	06-NOV-87	SP13876DUP	SP138706DH	1112.3563	MG/KG		N	3777.7046	MG/KG		N	109.0100
SP1587	12-NOV-87	SP1587008D	SP158708DH	4789.0874	MG/KG		N	2638.5327	MG/KG		N	57.9100
Number achieving criteria per number dup pairs: 10 / 15								Percent achieving criteria: 66.67				
CESIUM												
P207689	05-MAY-89	SEP04890006	SEP04890006	229.0000	MG/KG	U	R	241.0000	MG/KG	U		5.1100
P207889	01-MAY-89	SEP06890306	SEP06890306	240.0000	UG/G	U	A	238.0000	UG/G	U	A	0.8400
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	240.0000	MG/KG	U	V	243.0000	MG/KG	U	V	1.2400
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	247.0000	MG/KG	UJ	A	243.0000	MG/KG	UJ	A	1.6300
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	19.4000	MG/KG	U	V	15.8000	MG/KG	U	V	20.4500
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	250.0000	MG/KG	U	V	243.0000	MG/KG	U	V	2.8400
P213289	29-AUG-89	BH774038910	BH774038910	226.0000	MG/KG	U	V	231.0000	MG/KG	U	V	2.1900
P218389	08-NOV-89	P2183891216	P2183891216	22.0000	MG/KG	U		579.0000	MG/KG	U	V	185.3600
Number achieving criteria per number dup pairs: 8 / 9								Percent achieving criteria: 88.89				
CHROMIUM												
3787	16-JUL-87	BH37870005D	BH37870005	6440.0000	UG/KG		N	4400.0000	UG/KG		N	37.6400
40191	18-SEP-91	BH00008EB	BH00006EB	13.4000	MG/KG		V	10.7000	MG/KG		V	22.4100
P207689	05-MAY-89	SEP04890006	SEP04890006	7.1000	MG/KG		A	11.8000	MG/KG			49.7400
P207889	01-MAY-89	SEP06890306	SEP06890306	6.5000	UG/G		A	7.3000	UG/G		A	11.5900
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	8.6000	MG/KG		V	8.0000	MG/KG		V	7.2300
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	8.4000	MG/KG		V	9.5000	MG/KG		V	12.2900
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	7.8000	MG/KG		V	6.4000	MG/KG		V	19.7200

Appendix II.Y - Historical - Metals
Relative Percent Difference

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	5.8000	MG/KG		A	7.3000	MG/KG		V	22.9000
P213289	29-AUG-89	BH774038910	BH774038910	8.6000	MG/KG		V	6.7000	MG/KG		V	24.8400
P218389	08-NOV-89	P2183891216	P2183891216	4.9000	MG/KG			2.4000	MG/KG		A	68.4900
SP0487	30-OCT-87	SP0487004D	SP048704DH	21.8044	MG/KG		N	16.9933	MG/KG		N	24.8000
SP1087	10-NOV-87	SP1087017D	SP108717DH	7.7694	MG/KG		N	9.0557	MG/KG		N	15.2900
SP1387	06-NOV-87	SP13876DUP	SP138706DH	6.2227	MG/KG	U	N	6.1159	MG/KG	U	N	1.7300
SP1587	12-NOV-87	SP1587008D	SP158708DH	21.4551	MG/KG		N	8.5370	MG/KG		N	86.1400

Number achieving criteria per number dup pairs: 12 / 15 Percent achieving criteria: 80.00

COBALT												
3787	16-JUL-87	BH37870005D	BH37870005	4600.0000	UG/KG	U	N	4400.0000	UG/KG	U	N	4.4400
40191	18-SEP-91	BH00008EB	BH00006EB	20.1000	MG/KG		JA	13.5000	MG/KG		JA	39.2900
P207689	05-MAY-89	SEP04890006	SEP04890006	3.8000	MG/KG	UJ	A	12.0000	MG/KG	U		103.8000
P207889	01-MAY-89	SEP06890306	SEP06890306	12.0000	UG/G	U	A	11.9000	UG/G	U	A	0.8400
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	6.7000	MG/KG	U	V	18.0000	MG/KG	U	V	91.5000
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	7.5000	MG/KG	U	V	8.1000	MG/KG	U	V	7.6900
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	6.1000	MG/KG	U	V	4.9000	MG/KG	U	V	21.8200
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	4.6000	MG/KG	J	A	5.3000	MG/KG	J	A	14.1400
P213289	29-AUG-89	BH774038910	BH774038910	5.9000	MG/KG	UJ	A	5.0000	MG/KG	UJ	A	16.5100
P218389	08-NOV-89	P2183891216	P2183891216	11.0000	MG/KG	U		8.5000	MG/KG	U	V	25.6400
SP0487	30-OCT-87	SP0487004D	SP048704DH	16.7316	MG/KG	U	N	13.4591	MG/KG	U	N	21.6800
SP1087	10-NOV-87	SP1087017D	SP108717DH	14.0994	MG/KG	U	N	16.0852	MG/KG		N	13.1600
SP1387	06-NOV-87	SP13876DUP	SP138706DH	13.6900	MG/KG	U	N	13.4549	MG/KG	U	N	1.7300
SP1587	12-NOV-87	SP1587008D	SP158708DH	14.5338	MG/KG	U	N	13.8279	MG/KG	U	N	4.9800

Number achieving criteria per number dup pairs: 13 / 15 Percent achieving criteria: 86.67

COPPER												
3787	16-JUL-87	BH37870005D	BH37870005	4600.0000	UG/KG	U	N	4400.0000	UG/KG	U	N	4.4400
40191	18-SEP-91	BH00008EB	BH00006EB	44.1000	MG/KG		JA	40.1000	MG/KG		JA	9.5000
P207689	05-MAY-89	SEP04890006	SEP04890006	7.0000	MG/KG		A	7.2000	MG/KG			2.8200
P207889	01-MAY-89	SEP06890306	SEP06890306	6.1000	UG/G		A	8.2000	UG/G		A	29.3700
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	19.1000	MG/KG		V	11.8000	MG/KG		V	47.2500
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	12.0000	MG/KG		V	11.6000	MG/KG		V	3.3900
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	13.8000	MG/KG		A	10.7000	MG/KG		A	25.3100
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	13.6000	MG/KG		V	17.5000	MG/KG		V	25.0800
P213289	29-AUG-89	BH774038910	BH774038910	14.1000	MG/KG		V	14.7000	MG/KG		V	4.1700
P218389	08-NOV-89	P2183891216	P2183891216	19.8000	MG/KG			23.3000	MG/KG		V	16.2400
SP0487	30-OCT-87	SP0487004D	SP048704DH	9.0218	MG/KG		N	8.9928	MG/KG		N	0.3200
SP1087	10-NOV-87	SP1087017D	SP108717DH	10.6761	MG/KG		N	11.0292	MG/KG		N	3.2500
SP1387	06-NOV-87	SP13876DUP	SP138706DH	5.4085	MG/KG		N	16.1715	MG/KG		N	99.7500
SP1587	12-NOV-87	SP1587008D	SP158708DH	22.9607	MG/KG		N	7.1643	MG/KG		N	104.8700

Number achieving criteria per number dup pairs: 12 / 15 Percent achieving criteria: 80.00

IRON												
3787	16-JUL-87	BH37870005D	BH37870005	66200000.000	UG/KG		N	6240000.0000	UG/KG		N	165.5400
40191	18-SEP-91	BH00008EB	BH00006EB	72300.0000	MG/KG		V	24400.0000	MG/KG		V	99.0700
P207689	05-MAY-89	SEP04890006	SEP04890006	7190.0000	MG/KG		A	10100.0000	MG/KG			33.6600
P207889	01-MAY-89	SEP06890306	SEP06890306	5180.0000	UG/G		A	7660.0000	UG/G		A	38.6300
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	6840.0000	MG/KG		V	6210.0000	MG/KG		V	9.6600
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	12000.0000	MG/KG		V	14500.0000	MG/KG		V	18.8700
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	1060.0000	MG/KG		V	9620.0000	MG/KG		V	160.3000
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	5160.0000	MG/KG		V	9050.0000	MG/KG		V	54.7500
P213289	29-AUG-89	BH774038910	BH774038910	11300.0000	MG/KG		A	6330.0000	MG/KG		A	56.3800
P218389	08-NOV-89	P2183891216	P2183891216	17200.0000	MG/KG			22700.0000	MG/KG		V	27.5700
SP0487	30-OCT-87	SP0487004D	SP048704DH	13051.6309	MG/KG		N	12418.9170	MG/KG		N	4.9700
SP1087	10-NOV-87	SP1087017D	SP108717DH	10115.9355	MG/KG		N	6904.8188	MG/KG		N	37.7300

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
SP1387	06-NOV-87	SP13876DUP	SP138706DH	2795.7263	MG/KG		N	14200.1455	MG/KG		N	134.2000
SP1587	12-NOV-87	SP1587008D	SP158708DH	29505.4297	MG/KG		N	14665.5303	MG/KG		N	67.1900
Number achieving criteria per number dup pairs: 8 / 15								Percent achieving criteria: 53.33				
LEAD												
3787	16-JUL-87	BH37870005D	BH37870005	7480.0000	UG/KG		N	7610.0000	UG/KG		N	1.7200
40191	18-SEP-91	BH00008EB	BH00006EB	10.1000	MG/KG		JA	17.3000	MG/KG		JA	52.5500
P207689	05-MAY-89	SEP04890006	SEP04890006	6.9000	MG/KG		A	7.0000	MG/KG			1.4400
P207889	01-MAY-89	SEP06890306	SEP06890306	5.1000	UG/G		A	4.7000	UG/G		A	8.1600
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	21.7000	MG/KG		V	18.2000	MG/KG		V	17.5400
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	9.8000	MG/KG		A	14.7000	MG/KG		A	40.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	1.1000	MG/KG		A	6.1000	MG/KG	U	V	138.8900
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	27.5000	MG/KG		V	25.7000	MG/KG		V	6.7700
P213289	29-AUG-89	BH774038910	BH774038910	13.1000	MG/KG		A	11.2000	MG/KG		A	15.6400
P218389	08-NOV-89	P2183891216	P2183891216	12.0000	MG/KG			8.7000	MG/KG		A	31.8800
SP0487	30-OCT-87	SP0487004D	SP048704DH	5.9000	MG/KG		N	5.7000	MG/KG		N	3.4500
SP1087	10-NOV-87	SP1087017D	SP108717DH	17.0000	MG/KG		N	12.0000	MG/KG		N	34.4800
SP1387	06-NOV-87	SP13876DUP	SP138706DH	27.0000	MG/KG		N	28.0000	MG/KG		N	3.6400
SP1587	12-NOV-87	SP1587008D	SP158708DH	18.0000	MG/KG		N	9.5000	MG/KG		N	61.8200
Number achieving criteria per number dup pairs: 12 / 15								Percent achieving criteria: 80.00				
LITHIUM												
3787	16-JUL-87	BH37870005D	BH37870005	10600.0000	UG/KG		N	11000.0000	UG/KG	U	N	3.7000
P207689	05-MAY-89	SEP04890006	SEP04890006	11.8000	MG/KG		V	21.7000	MG/KG			59.1000
P207889	01-MAY-89	SEP06890306	SEP06890306	9.6000	UG/G		A	12.2000	UG/G		A	23.8500
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	3.2000	MG/KG		V	2.4000	MG/KG	U	V	28.5700
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	3.6000	MG/KG		V	3.9000	MG/KG		V	8.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	19.4000	MG/KG	UJ	A	15.8000	MG/KG	UJ	A	20.4500
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	5.1000	MG/KG		V	4.4000	MG/KG		V	14.7400
P213289	29-AUG-89	BH774038910	BH774038910	22.6000	MG/KG	U	V	23.1000	MG/KG	U	A	2.1900
P218389	08-NOV-89	P2183891216	P2183891216	22.0000	MG/KG	U		23.2000	MG/KG	U	V	5.3100
SP0487	30-OCT-87	SP0487004D	SP048704DH	100.0000	MG/KG	U	N	100.0000	MG/KG	U	N	0.0000
SP1087	10-NOV-87	SP1087017D	SP108717DH	100.0000	MG/KG	U	N	100.0000	MG/KG	U	N	0.0000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	100.0000	MG/KG	U	N	100.0000	MG/KG	U	N	0.0000
SP1587	12-NOV-87	SP1587008D	SP158708DH	100.0000	MG/KG	U	N	100.0000	MG/KG	U	N	0.0000
Number achieving criteria per number dup pairs: 13 / 14								Percent achieving criteria: 92.86				
MAGNESIUM												
3787	16-JUL-87	BH37870005D	BH37870005	3710000.0000	UG/KG		N	2050000.0000	UG/KG		N	57.6400
40191	18-SEP-91	BH00008EB	BH00006EB	3120.0000	MG/KG		V	3160.0000	MG/KG		V	1.2700
P207689	05-MAY-89	SEP04890006	SEP04890006	4780.0000	MG/KG		A	7170.0000	MG/KG			40.0000
P207889	01-MAY-89	SEP06890306	SEP06890306	3240.0000	UG/G		A	3730.0000	UG/G		A	14.0600
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	3020.0000	MG/KG		V	2640.0000	MG/KG		V	13.4300
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	1660.0000	MG/KG		V	1650.0000	MG/KG		V	0.6000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	1540.0000	MG/KG		V	1150.0000	MG/KG		V	29.0000
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	2520.0000	MG/KG		V	2410.0000	MG/KG		V	4.4600
P213289	29-AUG-89	BH774038910	BH774038910	1360.0000	MG/KG		A	1650.0000	MG/KG		A	19.2700
P218389	08-NOV-89	P2183891216	P2183891216	1270.0000	MG/KG			930.0000	MG/KG	U	V	30.9100
SP0487	30-OCT-87	SP0487004D	SP048704DH	3608.5159	MG/KG		N	3915.6394	MG/KG		N	8.1600
SP1087	10-NOV-87	SP1087017D	SP108717DH	2088.5320	MG/KG		N	1527.9768	MG/KG		N	31.0000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	606.6347	MG/KG		N	2367.0325	MG/KG		N	118.4000
SP1587	12-NOV-87	SP1587008D	SP158708DH	3264.7339	MG/KG		N	1716.9120	MG/KG		N	62.1400
Number achieving criteria per number dup pairs: 12 / 15								Percent achieving criteria: 80.00				
MANGANESE												
3787	16-JUL-87	BH37870005D	BH37870005	56800.0000	UG/KG		N	54100.0000	UG/KG		N	4.8700

Appendix II.Y - Historical - Metals
Relative Percent Difference

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
40191	18-SEP-91	BH00008EB	BH00006EB	1025.0000	MG/KG	*	JA	375.0000	MG/KG	*	JA	92.8600
P207689	05-MAY-89	SEP04890006	SEP04890006	101.0000	MG/KG		A	105.0000	MG/KG			3.8800
P207889	01-MAY-89	SEP06890306	SEP06890306	37.8000	UG/G		A	64.5000	UG/G		A	52.2000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	52.7000	MG/KG		V	140.0000	MG/KG		V	90.6100
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	228.0000	MG/KG		A	277.0000	MG/KG		A	19.4100
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	140.0000	MG/KG		V	228.0000	MG/KG		V	47.8300
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	113.0000	MG/KG		V	68.3000	MG/KG		V	49.3100
P213289	29-AUG-89	BH774038910	BH774038910	49.9000	MG/KG		A	41.6000	MG/KG		A	18.1400
P218389	08-NOV-89	P2183891216	P2183891216	180.0000	MG/KG			236.0000	MG/KG		A	26.9200
SP0487	30-OCT-87	SP0487004D	SP048704DH	224.0333	MG/KG		N	219.4141	MG/KG		N	2.0800
SP1087	10-NOV-87	SP1087017D	SP108717DH	99.9442	MG/KG		N	425.7629	MG/KG		N	123.9500
SP1387	06-NOV-87	SP13876DUP	SP138706DH	24.8044	MG/KG		N	79.1560	MG/KG		N	104.5600
SP1587	12-NOV-87	SP1587008D	SP158708DH	152.4157	MG/KG		N	92.8070	MG/KG		N	48.6200

Number achieving criteria per number dup pairs: 7 / 15 Percent achieving criteria: 46.67

MERCURY

3787	16-JUL-87	BH37870005D	BH37870005	100.0000	UG/KG	U	N	100.0000	UG/KG	U	N	0.0000
40191	18-SEP-91	BH00008EB	BH00006EB	0.1100	MG/KG	U	V	0.1100	MG/KG	U	V	0.0000
P207689	05-MAY-89	SEP04890006	SEP04890006	0.1200	MG/KG		A	0.1200	MG/KG	U		0.0000
P207889	01-MAY-89	SEP06890306	SEP06890306	0.1200	UG/G		A	0.1800	UG/G		A	40.0000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	0.2500	MG/KG	U	R	0.2400	MG/KG	U	R	4.0800
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	0.2100	MG/KG		V	0.1200	MG/KG	U	V	54.5500
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.1100	MG/KG	U	V	0.1100	MG/KG	U	V	0.0000
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	0.2600	MG/KG	U	R	0.2500	MG/KG	U	R	3.9200
P213289	29-AUG-89	BH774038910	BH774038910	0.1200	MG/KG	U	V	0.1100	MG/KG	U	V	8.7000
P218389	08-NOV-89	P2183891216	P2183891216	0.1200	MG/KG	U		0.1000	MG/KG	U	V	18.1800
SP0487	30-OCT-87	SP0487004D	SP048704DH	0.2000	MG/KG	U	N	0.2000	MG/KG	U	N	0.0000
SP1087	10-NOV-87	SP1087017D	SP108717DH	0.2000	MG/KG	U	N	0.2000	MG/KG	U	N	0.0000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	0.2000	MG/KG	U	N	0.2000	MG/KG	U	N	0.0000
SP1587	12-NOV-87	SP1587008D	SP158708DH	0.2000	MG/KG	U	N	0.2000	MG/KG	U	N	0.0000

Number achieving criteria per number dup pairs: 14 / 15 Percent achieving criteria: 93.33

MOLYBDENUM

P207689	05-MAY-89	SEP04890006	SEP04890006	7.3000	MG/KG		V	13.2000	MG/KG			57.5600
P207889	01-MAY-89	SEP06890306	SEP06890306	5.1000	UG/G		A	7.1000	UG/G		A	32.7900
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	2.4000	MG/KG	U	V	2.4000	MG/KG	U	V	0.0000
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	5.7000	MG/KG		A	6.3000	MG/KG		A	10.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	19.4000	MG/KG	U	R	15.8000	MG/KG	U	R	20.4500
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	3.7000	MG/KG		V	2.4000	MG/KG	U	V	42.6200
P213289	29-AUG-89	BH774038910	BH774038910	22.6000	MG/KG	U	V	23.1000	MG/KG	U	V	2.1900
P218389	08-NOV-89	P2183891216	P2183891216	22.0000	MG/KG	U		23.2000	MG/KG	U	V	5.3100
SP0487	30-OCT-87	SP0487004D	SP048704DH	16.7316	MG/KG	U	N	13.4591	MG/KG	U	N	21.6800
SP1087	10-NOV-87	SP1087017D	SP108717DH	14.0994	MG/KG	U	N	13.2917	MG/KG	U	N	5.9000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	13.6900	MG/KG	U	N	13.4549	MG/KG	U	N	1.7300
SP1587	12-NOV-87	SP1587008D	SP158708DH	14.5338	MG/KG	U	N	13.8279	MG/KG	U	N	4.9800

Number achieving criteria per number dup pairs: 11 / 13 Percent achieving criteria: 84.62

NICKEL

3787	16-JUL-87	BH37870005D	BH37870005	10600.0000	UG/KG		N	12500.0000	UG/KG		N	16.4500
40191	18-SEP-91	BH00008EB	BH00006EB	57.4000	MG/KG		V	33.4000	MG/KG		V	52.8600
P207689	05-MAY-89	SEP04890006	SEP04890006	5.8000	MG/KG	U	R	9.6000	MG/KG	U		49.3500
P207889	01-MAY-89	SEP06890306	SEP06890306	9.6000	UG/G	U	A	12.8000	UG/G		A	28.5700
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	10.9000	MG/KG		A	13.1000	MG/KG		A	18.3300
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	13.9000	MG/KG		A	15.7000	MG/KG		A	12.1600
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	13.4000	MG/KG		V	12.4000	MG/KG		V	7.7500

Appendix II.Y - Historical - Metals
Relative Percent Difference

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	1.1000	MG/KG	U	R	1.0000	MG/KG	U	R	9.5200
P213289	29-AUG-89	BH774038910	BH774038910	14.8000	MG/KG		V	10.4000	MG/KG		V	34.9200
P218389	08-NOV-89	P2183891216	P2183891216	13.5000	MG/KG			18.8000	MG/KG		V	32.8200
SP0487	30-OCT-87	SP0487004D	SP048704DH	58.5558	MG/KG		N	38.3826	MG/KG		N	41.6200
SP1087	10-NOV-87	SP1087017D	SP108717DH	23.7127	MG/KG	U	N	22.3542	MG/KG	U	N	5.9000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	23.0240	MG/KG	U	N	22.6288	MG/KG	U	N	1.7300
SP1587	12-NOV-87	SP1587008D	SP158708DH	40.6855	MG/KG		N	33.3887	MG/KG		N	19.7000

Number achieving criteria per number dup pairs: 12 / 15 Percent achieving criteria: 80.00

POTASSIUM

3787	16-JUL-87	BH37870005D	BH37870005	898000.0000	UG/KG		N	704000.0000	UG/KG		N	24.2200
40191	18-SEP-91	BH00008EB	BH00006EB	1121.0000	MG/KG	BE	JA	1080.0000	MG/KG	BE	JA	3.7300
P207689	05-MAY-89	SEP04890006	SEP04890006	864.0000	MG/KG	J	A	1710.0000	MG/KG			65.7300
P207889	01-MAY-89	SEP06890306	SEP06890306	1200.0000	UG/G	U	A	1190.0000	UG/G	U	A	0.8400
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	117.0000	MG/KG	U	R	118.0000	MG/KG	U	R	0.8500
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	1200.0000	MG/KG	UJ	A	1280.0000	MG/KG		A	6.4500
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	834.0000	MG/KG	UJ	A	551.0000	MG/KG		A	40.8700
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	681.0000	MG/KG	UJ	A	402.0000	MG/KG	UJ	A	51.5200
P213289	29-AUG-89	BH774038910	BH774038910	1430.0000	MG/KG		A	1600.0000	MG/KG		A	11.2200
P218389	08-NOV-89	P2183891216	P2183891216	1100.0000	MG/KG	U		620.0000	MG/KG	UJ	A	55.8100
SP0487	30-OCT-87	SP0487004D	SP048704DH	5200.0000	MG/KG		N	3500.0000	MG/KG		N	39.0800
SP1087	10-NOV-87	SP1087017D	SP108717DH	1000.0000	MG/KG		N	1100.0000	MG/KG		N	9.5200
SP1387	06-NOV-87	SP13876DUP	SP138706DH	1000.0000	MG/KG	U	N	1000.0000	MG/KG	U	N	0.0000
SP1587	12-NOV-87	SP1587008D	SP158708DH	1700.0000	MG/KG		N	1100.0000	MG/KG		N	42.8600

Number achieving criteria per number dup pairs: 10 / 15 Percent achieving criteria: 66.67

SELENIUM

3787	16-JUL-87	BH37870005D	BH37870005	330.0000	UG/KG	UR	N	360.0000	UG/KG	UR	N	8.7000
40191	18-SEP-91	BH00008EB	BH00006EB	0.4500	MG/KG	U	V	0.4400	MG/KG	U	V	2.2500
P207689	05-MAY-89	SEP04890006	SEP04890006	3.6000	MG/KG	UJ	A	11.9000	MG/KG	U		107.1000
P207889	01-MAY-89	SEP06890306	SEP06890306	5.8000	UG/G	U	A	5.8000	UG/G	U	A	0.0000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	1.8000	MG/KG	UJ	A	2.0000	MG/KG	UJ	A	10.5300
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	0.4900	MG/KG	UJ	A	0.5900	MG/KG	J	A	18.5200
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.5200	MG/KG	UJ	A	0.6400	MG/KG	UJ	A	20.6900
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	0.2500	MG/KG	U	R	0.2400	MG/KG	U	R	4.0800
P213289	29-AUG-89	BH774038910	BH774038910	0.8000	MG/KG	UJ	A	0.2500	MG/KG	UJ	A	104.7600
P218389	08-NOV-89	P2183891216	P2183891216	0.8700	MG/KG	U		0.3900	MG/KG	UJ	A	76.1900
SP0487	30-OCT-87	SP0487004D	SP048704DH	1.0000	MG/KG	U	N	1.0000	MG/KG	U	N	0.0000
SP1087	10-NOV-87	SP1087017D	SP108717DH	1.0000	MG/KG	U	N	1.0000	MG/KG	U	N	0.0000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	1.0000	MG/KG	U	N	1.0000	MG/KG	U	N	0.0000
SP1587	12-NOV-87	SP1587008D	SP158708DH	1.0000	MG/KG	U	N	1.0000	MG/KG	U	N	0.0000

Number achieving criteria per number dup pairs: 12 / 15 Percent achieving criteria: 80.00

SILVER

3787	16-JUL-87	BH37870005D	BH37870005	490.0000	UG/KG	UR	N	460.0000	UG/KG	U	N	6.3200
40191	18-SEP-91	BH00008EB	BH00006EB	0.9000	MG/KG	U	V	0.4500	MG/KG	U	V	66.6700
P207689	05-MAY-89	SEP04890006	SEP04890006	0.6000	MG/KG	UJ	A	2.4000	MG/KG	U		120.0000
P207889	01-MAY-89	SEP06890306	SEP06890306	2.4000	UG/G	U	A	2.4000	UG/G	U	A	0.0000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	0.9600	MG/KG	UJ	A	1.1000	MG/KG	UJ	A	13.5900
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	1.4000	MG/KG	UJ	A	1.4000	MG/KG	UJ	A	0.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	2.0000	MG/KG		V	1.7000	MG/KG		V	16.2200
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	0.6000	MG/KG	U	R	0.5800	MG/KG	J	R	3.3900
P213289	29-AUG-89	BH774038910	BH774038910	3.6000	MG/KG		A	0.6000	MG/KG	UJ	A	142.8600
P218389	08-NOV-89	P2183891216	P2183891216	2.2000	MG/KG	U		0.6900	MG/KG	UJ	A	104.5000
SP0487	30-OCT-87	SP0487004D	SP048704DH	5.7800	MG/KG	U	N	4.6495	MG/KG	U	N	21.6800
SP1087	10-NOV-87	SP1087017D	SP108717DH	4.8707	MG/KG	U	N	4.5917	MG/KG	U	N	5.9000

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
SP1387	06-NOV-87	SP13876DUP	SP138706DH	4.7293	MG/KG	U	N	4.6481	MG/KG	U	N	1.7300
SP1587	12-NOV-87	SP1587008D	SP158708DH	5.0208	MG/KG	U	N	4.7769	MG/KG	U	N	4.9800
Number achieving criteria per number dup pairs: 11 / 15								Percent achieving criteria: 73.33				
SODIUM												
3787	16-JUL-87	BH37870005D	BH37870005	333000.0000	UG/KG		N	268000.0000	UG/KG		N	21.6300
40191	18-SEP-91	BH00008EB	BH00006EB	186.0000	MG/KG	U	JA	152.0000	MG/KG	U	JA	20.1200
P207689	05-MAY-89	SEP04890006	SEP04890006	321.0000	MG/KG	UJ	A	1200.0000	MG/KG	U		115.5800
P207889	01-MAY-89	SEP06890306	SEP06890306	1200.0000	UG/G	U	A	1190.0000	UG/G	U	A	0.8400
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	660.0000	MG/KG	U	V	420.0000	MG/KG	U	V	44.4400
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	329.0000	MG/KG	J	A	327.0000	MG/KG	J	A	0.6100
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	93.5000	MG/KG	UJ	A	75.4000	MG/KG	UJ	A	21.4300
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	917.0000	MG/KG	U	V	985.0000	MG/KG		V	7.1500
P213289	29-AUG-89	BH774038910	BH774038910	592.0000	MG/KG	J	A	616.0000	MG/KG	J	A	3.9700
P218389	08-NOV-89	P2183891216	P2183891216	1100.0000	MG/KG	U		122.0000	MG/KG	UJ	A	160.0700
SP0487	30-OCT-87	SP0487004D	SP048704DH	1597.1088	MG/KG	U	N	1284.7343	MG/KG	U	N	21.6800
SP1087	10-NOV-87	SP1087017D	SP108717DH	1345.8563	MG/KG	U	N	1268.7500	MG/KG	U	N	5.9000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	1306.7686	MG/KG	U	N	1284.3347	MG/KG	U	N	1.7300
SP1587	12-NOV-87	SP1587008D	SP158708DH	1387.3202	MG/KG	U	N	1319.9382	MG/KG	U	N	4.9800
Number achieving criteria per number dup pairs: 12 / 15								Percent achieving criteria: 80.00				
STRONTIUM												
3787	16-JUL-87	BH37870005D	BH37870005	184000.0000	UG/KG		N	59100.0000	UG/KG		N	102.7600
P207689	05-MAY-89	SEP04890006	SEP04890006	301.0000	MG/KG		V	241.0000	MG/KG	U		22.1400
P207889	01-MAY-89	SEP06890306	SEP06890306	240.0000	UG/G	U	A	238.0000	UG/G	U	A	0.8400
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	240.0000	MG/KG	U	V	243.0000	MG/KG	U	V	1.2400
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	247.0000	MG/KG	U	V	243.0000	MG/KG	U	V	1.6300
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	21.3000	MG/KG		A	21.2000	MG/KG		A	0.4700
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	250.0000	MG/KG	U	V	243.0000	MG/KG	U	V	2.8400
P213289	29-AUG-89	BH774038910	BH774038910	226.0000	MG/KG	U	V	231.0000	MG/KG	U	V	2.1900
P218389	08-NOV-89	P2183891216	P2183891216	26.5000	MG/KG			23.2000	MG/KG	U	V	13.2800
SP0487	30-OCT-87	SP0487004D	SP048704DH	124.0441	MG/KG		N	168.0517	MG/KG		N	30.1300
SP1087	10-NOV-87	SP1087017D	SP108717DH	36.0053	MG/KG		N	39.2725	MG/KG		N	8.6800
SP1387	06-NOV-87	SP13876DUP	SP138706DH	17.8846	MG/KG		N	58.2842	MG/KG		N	106.0800
SP1587	12-NOV-87	SP1587008D	SP158708DH	61.8732	MG/KG		N	27.4365	MG/KG		N	77.1200
Number achieving criteria per number dup pairs: 11 / 14								Percent achieving criteria: 78.57				
THALLIUM												
3787	16-JUL-87	BH37870005D	BH37870005	510.0000	UG/KG	U	N	480.0000	UG/KG	U	N	6.0600
40191	18-SEP-91	BH00008EB	BH00006EB	0.2300	MG/KG	B	V	0.4400	MG/KG	B	V	62.6900
P207689	05-MAY-89	SEP04890006	SEP04890006	0.4500	MG/KG	U	R	2.5000	MG/KG	U		138.9800
P207889	01-MAY-89	SEP06890306	SEP06890306	2.3000	UG/G	U	A	2.3000	UG/G	U	A	0.0000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	0.3500	MG/KG	U	V	0.3600	MG/KG	U	V	2.8200
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	0.4900	MG/KG	U	R	0.4800	MG/KG	U	R	2.0600
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.3100	MG/KG	U	R	0.3400	MG/KG	U	R	9.2300
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	0.3700	MG/KG	U	R	0.3600	MG/KG	U	R	2.7400
P213289	29-AUG-89	BH774038910	BH774038910	0.2900	MG/KG	U	V	0.6500	MG/KG	U	V	76.6000
P218389	08-NOV-89	P2183891216	P2183891216	1.7000	MG/KG	U		0.7900	MG/KG	U	V	73.0900
SP0487	30-OCT-87	SP0487004D	SP048704DH	6.2363	MG/KG	U	N	5.0166	MG/KG	U	N	21.6800
SP1087	10-NOV-87	SP1087017D	SP108717DH	5.2552	MG/KG	U	N	4.9542	MG/KG	U	N	5.9000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	5.1026	MG/KG	U	N	5.0150	MG/KG	U	N	1.7300
SP1587	12-NOV-87	SP1587008D	SP158708DH	5.4172	MG/KG	U	N	5.1540	MG/KG	U	N	4.9800
Number achieving criteria per number dup pairs: 11 / 15								Percent achieving criteria: 73.33				
TIN												
P207689	05-MAY-89	SEP04890006	SEP04890006	22.9000	MG/KG	U	V	24.1000	MG/KG	U		5.1100

Appendix II.Y - Historical - Metals
Relative Percent Difference

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
P207889	01-MAY-89	SEP06890306	SEP06890306	24.0000	UG/G	U	A	23.8000	UG/G	U	A	0.8400
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	24.0000	MG/KG	U	V	24.3000	MG/KG	U	V	1.2400
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	24.7000	MG/KG	U	V	24.3000	MG/KG	U	V	1.6300
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	19.4000	MG/KG	U	V	15.8000	MG/KG	U	V	20.4500
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	25.0000	MG/KG	U	V	24.3000	MG/KG	U	V	2.8400
P213289	29-AUG-89	BH774038910	BH774038910	22.6000	MG/KG	U	V	23.1000	MG/KG	U	V	2.1900
P218389	08-NOV-89	P2183891216	P2183891216	29.1000	MG/KG			29.7000	MG/KG		A	2.0400

Number achieving criteria per number dup pairs: 9 / 9 Percent achieving criteria: 100.00

VANADIUM

3787	16-JUL-87	BH37870005D	BH37870005	19.8000	UG/KG		N	18900.0000	UG/KG		N	199.5800
40191	18-SEP-91	BH00008EB	BH00006EB	79.2000	MG/KG		V	30.2000	MG/KG		V	89.5800
P207689	05-MAY-89	SEP04890006	SEP04890006	25.4000	MG/KG		A	28.3000	MG/KG			10.8000
P207889	01-MAY-89	SEP06890306	SEP06890306	13.1000	UG/G		A	20.2000	UG/G		A	42.6400
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	24.4000	MG/KG		V	19.9000	MG/KG		V	20.3200
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	19.0000	MG/KG		V	23.5000	MG/KG		V	21.1800
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	9.0000	MG/KG		V	13.6000	MG/KG		V	40.7100
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	15.1000	MG/KG		V	26.2000	MG/KG		V	53.7500
P213289	29-AUG-89	BH774038910	BH774038910	15.2000	MG/KG		A	12.3000	MG/KG		A	21.0900
P218389	08-NOV-89	P2183891216	P2183891216	19.7000	MG/KG			22.8000	MG/KG		V	14.5900
SP0487	30-OCT-87	SP0487004D	SP048704DH	31.1709	MG/KG		N	32.9863	MG/KG		N	5.6600
SP1087	10-NOV-87	SP1087017D	SP108717DH	15.3812	MG/KG	U	N	14.5000	MG/KG	U	N	5.9000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	14.9345	MG/KG	U	N	21.2234	MG/KG		N	34.7900
SP1587	12-NOV-87	SP1587008D	SP158708DH	34.2087	MG/KG		N	19.8869	MG/KG		N	52.9500

Number achieving criteria per number dup pairs: 9 / 15 Percent achieving criteria: 60.00

ZINC

3787	16-JUL-87	BH37870005D	BH37870005	13300.0000	UG/KG		N	13600.0000	UG/KG		N	2.2300
40191	18-SEP-91	BH00008EB	BH00006EB	140.0000	MG/KG	E	V	105.0000	MG/KG	E	V	28.5700
P207689	05-MAY-89	SEP04890006	SEP04890006	3.2000	MG/KG	U	R	4.8000	MG/KG	U		40.0000
P207889	01-MAY-89	SEP06890306	SEP06890306	10.1000	UG/G		A	13.0000	UG/G		A	25.1100
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	46.2000	MG/KG		V	36.5000	MG/KG		V	23.4600
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	32.6000	MG/KG		V	35.9000	MG/KG		V	9.6400
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	5.9000	MG/KG		A	50.2000	MG/KG		V	157.9300
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	29.0000	MG/KG		V	54.8000	MG/KG		V	61.5800
P213289	29-AUG-89	BH774038910	BH774038910	73.7000	MG/KG		V	68.5000	MG/KG		V	7.3100
P218389	08-NOV-89	P2183891216	P2183891216	50.5000	MG/KG			59.4000	MG/KG		V	16.2000
SP0487	30-OCT-87	SP0487004D	SP048704DH	33.2655	MG/KG		N	30.6914	MG/KG		N	8.0500
SP1087	10-NOV-87	SP1087017D	SP108717DH	61.2966	MG/KG		N	44.0459	MG/KG		N	32.7500
SP1387	06-NOV-87	SP13876DUP	SP138706DH	29.5126	MG/KG		N	125.9281	MG/KG		N	124.0500
SP1587	12-NOV-87	SP1587008D	SP158708DH	54.9822	MG/KG		N	33.9256	MG/KG		N	47.3700

Number achieving criteria per number dup pairs: 11 / 15 Percent achieving criteria: 73.33
Total group achieving criteria per number dup pairs: 302 / 404 Total group achieving criteria: 74.75

Appendix II.Y - Historical - Rads
Relative Percent Difference

T_grp_code
Chemical

TRADS

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
AMERICIUM-241												
3787	16-JUL-87	BH37870005D	BH37870005	0.0200	PCI/G		N	0.4800	PCI/G		N	184.0000
40191	18-SEP-91	BH00008EB	BH00006EB	0.0000	PCI/G		V	0.0000	PCI/G		V	0.0000
P207689	05-MAY-89	SEP04890006	SEP04890006	0.0500	PCI/G			0.0600	PCI/G			18.1800
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	0.0200	PCI/G			0.0000	PCI/G			200.0000
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	0.0100	PCI/G			0.0000	PCI/G			200.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.0300	PCI/G			0.0000	PCI/G			200.0000
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	0.0900	PCI/G			0.0100	PCI/G			160.0000
P218389	08-NOV-89	P2183891216	P2183891216	0.0050	PCI/G		V	0.0040	PCI/G		V	22.2200
SP0487	30-OCT-87	SP0487004D	SP048704DH	0.1100	PCI/G		N	0.0600	PCI/G		N	58.8200
SP1087	10-NOV-87	SP1087017D	SP108717DH	0.0200	PCI/G		N	-0.0300	PCI/G		N	1000.000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	0.0300	PCI/G		N	-0.0300	PCI/G		N	.12E+10
SP1587	12-NOV-87	SP1587008D	SP158708DH	-0.0400	PCI/G		N	-0.0400	PCI/G		N	0.0000
Number achieving criteria per number dup pairs: 4 / 12								Percent achieving criteria: 33.33				
CESIUM-137												
3787	16-JUL-87	BH37870005D	BH37870005	0.0000	PCI/G		N	-0.5000	PCI/G		N	200.0000
40191	18-SEP-91	BH00008EB	BH00006EB	0.0000	PCI/G		R	0.0000	PCI/G		R	0.0000
P207689	05-MAY-89	SEP04890006	SEP04890006	0.0000	PCI/G			0.0000	PCI/G			0.0000
P207889	01-MAY-89	SEP06890306	SEP06890306	0.0000	PCI/G			0.0000	PCI/G			0.0000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	0.0000	PCI/G			0.0000	PCI/G			0.0000
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	0.0000	PCI/G			0.0000	PCI/G			0.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.0000	PCI/G			0.0000	PCI/G			0.0000
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	0.0000	PCI/G			0.0000	PCI/G			0.0000
P218389	08-NOV-89	P2183891216	P2183891216	0.0000	PCI/G			0.0000	PCI/G			0.0000
Number achieving criteria per number dup pairs: 9 / 10								Percent achieving criteria: 90.00				
GROSS ALPHA												
3787	16-JUL-87	BH37870005D	BH37870005	16.0000	PCI/G		N	15.0000	PCI/G		N	6.4500
40191	18-SEP-91	BH00008EB	BH00006EB	34.3000	PCI/G		V	25.2000	PCI/G		V	30.5900
P207689	05-MAY-89	SEP04890006	SEP04890006	26.0000	PCI/G			12.0000	PCI/G			73.6800
P207889	01-MAY-89	SEP06890306	SEP06890306	1.0000	PCI/G			0.0000	PCI/G			200.0000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	27.0000	PCI/G			20.0000	PCI/G			29.7900
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	19.0000	PCI/G			29.0000	PCI/G			41.6700
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	22.0000	PCI/G			19.0000	PCI/G			14.6300
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	28.0000	PCI/G			29.0000	PCI/G			3.5100
P218389	08-NOV-89	P2183891216	P2183891216	3.6000	PCI/L		V	4.3000	PCI/L		V	17.7200
SP0487	30-OCT-87	SP0487004D	SP048704DH	13.0000	PCI/G		N	57.0000	PCI/G		N	125.7100
SP1087	10-NOV-87	SP1087017D	SP108717DH	30.0000	PCI/G		N	21.0000	PCI/G		N	35.2900
SP1387	06-NOV-87	SP13876DUP	SP138706DH	27.0000	PCI/G		N	29.0000	PCI/G		N	7.1400
SP1587	12-NOV-87	SP1587008D	SP158708DH	10.0000	PCI/G		N	18.0000	PCI/G		N	57.1400
Number achieving criteria per number dup pairs: 9 / 14								Percent achieving criteria: 64.29				
GROSS BETA												
3787	16-JUL-87	BH37870005D	BH37870005	23.0000	PCI/G		N	22.0000	PCI/G		N	4.4400
40191	18-SEP-91	BH00008EB	BH00006EB	15.9000	PCI/G		V	19.9000	PCI/G		V	22.3500
P207689	05-MAY-89	SEP04890006	SEP04890006	22.0000	PCI/G			23.0000	PCI/G			4.4400
P207889	01-MAY-89	SEP06890306	SEP06890306	11.0000	PCI/G			13.0000	PCI/G			16.6700
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	21.0000	PCI/G			25.0000	PCI/G			17.3900
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	27.0000	PCI/G			24.0000	PCI/G			11.7600
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	15.0000	PCI/G			19.0000	PCI/G			23.5300
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	21.0000	PCI/G			22.0000	PCI/G			4.6500

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
Chemical												
P218389	08-NOV-89	P2183891216	P2183891216	13.0000	PCI/L		V	10.6000	PCI/L		V	20.3400
SP0487	30-OCT-87	SP0487004D	SP048704DH	12.0000	PCI/G		N	17.0000	PCI/G		N	34.4800
SP1087	10-NOV-87	SP1087017D	SP108717DH	23.0000	PCI/G		N	22.0000	PCI/G		N	4.4400
SP1387	06-NOV-87	SP13876DUP	SP138706DH	22.0000	PCI/G		N	22.0000	PCI/G		N	0.0000
SP1587	12-NOV-87	SP1587008D	SP158708DH	21.0000	PCI/G		N	15.0000	PCI/G		N	33.3300
Number achieving criteria per number dup pairs: 14 / 14								Percent achieving criteria: 100.00				
PLUTONIUM-239/240												
3787	16-JUL-87	BH37870005D	BH37870005	0.4900	PCI/G			2.6000	PCI/G			136.5700
40191	18-SEP-91	BH00008EB	BH00006EB	0.0010	PCI/G		V	0.0040	PCI/G		V	120.0000
P207689	05-MAY-89	SEP04890006	SEP04890006	0.0200	PCI/G			0.0200	PCI/G			0.0000
P207889	01-MAY-89	SEP06890306	SEP06890306	0.0000	PCI/G			0.0100	PCI/G			200.0000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	0.1200	PCI/G			0.0000	PCI/G			200.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.0300	PCI/G			0.0100	PCI/G			100.0000
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	0.0000	PCI/G			0.0200	PCI/G			200.0000
P218389	08-NOV-89	P2183891216	P2183891216	0.0110	PCI/G		A	0.0120	PCI/G		A	8.7000
SP0487	30-OCT-87	SP0487004D	SP048704DH	0.1400	PCI/G			0.0100	PCI/G			173.3300
SP1087	10-NOV-87	SP1087017D	SP108717DH	0.0000	PCI/G			0.0400	PCI/G			200.0000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	0.0100	PCI/G			-0.0400	PCI/G			333.3300
SP1587	12-NOV-87	SP1587008D	SP158708DH	-0.0300	PCI/G			0.0400	PCI/G			1400.000
Number achieving criteria per number dup pairs: 3 / 13								Percent achieving criteria: 23.08				
RADIUM-226												
40191	18-SEP-91	BH00008EB	BH00006EB	1.0900	PCI/G		A	0.8600	PCI/G		A	23.5900
P207689	05-MAY-89	SEP04890006	SEP04890006	0.8000	PCI/G			0.8000	PCI/G			0.0000
P207889	01-MAY-89	SEP06890306	SEP06890306	0.5000	PCI/G			0.7000	PCI/G			33.3300
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	0.8000	PCI/G			0.7000	PCI/G			13.3300
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	0.8000	PCI/G			0.8000	PCI/G			0.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.7000	PCI/G			0.8000	PCI/G			13.3300
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	0.8000	PCI/G			1.0000	PCI/G			22.2200
P218389	08-NOV-89	P2183891216	P2183891216	1.0000	PCI/G			1.1000	PCI/G			9.5200
Number achieving criteria per number dup pairs: 9 / 9								Percent achieving criteria: 100.00				
RADIUM-228												
40191	18-SEP-91	BH00008EB	BH00006EB	1.3600	PCI/G		A	0.9200	PCI/G		A	38.6000
P207689	05-MAY-89	SEP04890006	SEP04890006	1.2000	PCI/G			1.2000	PCI/G			0.0000
P207889	01-MAY-89	SEP06890306	SEP06890306	1.4000	PCI/G			1.0000	PCI/G			33.3300
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	1.5000	PCI/G			1.4000	PCI/G			6.9000
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	1.2000	PCI/G			1.3000	PCI/G			8.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	1.0000	PCI/G			0.9000	PCI/G			10.5300
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	1.7000	PCI/G			1.5000	PCI/G			12.5000
P218389	08-NOV-89	P2183891216	P2183891216	1.3000	PCI/G			2.5000	PCI/G			63.1600
Number achieving criteria per number dup pairs: 8 / 9								Percent achieving criteria: 88.89				
STRONTIUM-89,90												
3787	16-JUL-87	BH37870005D	BH37870005	0.5000	PCI/G			-0.1000	PCI/G			300.0000
40191	18-SEP-91	BH00008EB	BH00006EB	0.3500	PCI/G		A	0.2400	PCI/G		A	37.2900
P207889	01-MAY-89	SEP06890306	SEP06890306	-0.3000	PCI/G			-0.6000	PCI/G			66.6700
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	0.1000	PCI/G			0.2000	PCI/G			66.6700
SP1087	10-NOV-87	SP1087017D	SP108717DH	-0.2000	PCI/G			-0.3000	PCI/G			40.0000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	0.0000	PCI/G			0.0000	PCI/G			0.0000
SP1587	12-NOV-87	SP1587008D	SP158708DH	-0.1000	PCI/G			0.2000	PCI/G			600.0000
Number achieving criteria per number dup pairs: 4 / 8								Percent achieving criteria: 50.00				
STRONTIUM-90												

T_grp_code

Chemical Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
P207689	05-MAY-89	SEP04890006	SEP04890006	0.0000	PCI/G			0.1000	PCI/G			200.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	-0.3000	PCI/G			-0.1000	PCI/G			100.0000
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	0.2000	PCI/G			-0.6000	PCI/G			400.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.0000	PCI/G			-0.2000	PCI/G			200.0000
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	0.0000	PCI/G			-0.3000	PCI/G			200.0000
P218389	08-NOV-89	P2183891216	P2183891216	0.7300	PCI/G			0.3800	PCI/G			63.0600
Number achieving criteria per number dup pairs: 0 / 6								Percent achieving criteria: 0.00				
TRITIUM												
3787	16-JUL-87	BH37870005D	BH37870005	-0.1200	PCI/ML		N	0.0400	PCI/ML		N	400.0000
40191	18-SEP-91	BH00008EB	BH00006EB	820.0000	PCI/L		A	930.0000	PCI/L		A	12.5700
P207689	05-MAY-89	SEP04890006	SEP04890006	0.1600	PCI/ML			0.0500	PCI/ML			104.7600
P207889	01-MAY-89	SEP06890306	SEP06890306	-0.0700	PCI/ML			-0.1000	PCI/ML			35.2900
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	4.0000	PCI/ML			4.3000	PCI/ML			7.2300
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	1.4000	PCI/ML			1.4000	PCI/ML			0.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.4100	PCI/ML			0.5100	PCI/ML			21.7400
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	6.3000	PCI/ML			6.1000	PCI/ML			3.2300
P218389	08-NOV-89	P2183891216	P2183891216	380.0000	PCI/L			220.0000	PCI/L			53.3300
SP0487	30-OCT-87	SP0487004D	SP048704DH	0.6400	PCI/G		N	1.3000	PCI/G		N	68.0400
SP1087	10-NOV-87	SP1087017D	SP108717DH	0.5900	PCI/G		N	0.6100	PCI/G		N	3.3300
SP1387	06-NOV-87	SP13876DUP	SP138706DH	0.6100	PCI/G		N	0.5800	PCI/G		N	5.0400
SP1587	12-NOV-87	SP1587008D	SP158708DH	0.6000	PCI/G		N	0.5900	PCI/G		N	1.6800
Number achieving criteria per number dup pairs: 9 / 14								Percent achieving criteria: 64.29				
URANIUM, TOTAL												
3787	16-JUL-87	BH37870005D	BH37870005	0.0000				0.0000				0.0000
P207889	01-MAY-89	SEP06890306	SEP06890306	0.0000				0.0000				0.0000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
SP0487	30-OCT-87	SP0487004D	SP048704DH	0.0000				0.0000				0.0000
SP1087	10-NOV-87	SP1087017D	SP108717DH	0.0000				0.0000				0.0000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	0.0000				0.0000				0.0000
SP1587	12-NOV-87	SP1587008D	SP158708DH	0.0000				0.0000				0.0000
Number achieving criteria per number dup pairs: 7 / 7								Percent achieving criteria: 100.00				
URANIUM-233,-234												
3787	16-JUL-87	BH37870005D	BH37870005	1.2000	PCI/G		N	1.3000	PCI/G		N	8.0000
40191	18-SEP-91	BH00008EB	BH00006EB	1.1700	PCI/G		V	1.0400	PCI/G		V	11.7600
P207689	05-MAY-89	SEP04890006	SEP04890006	0.3000	PCI/G			0.6000	PCI/G			66.6700
P207889	01-MAY-89	SEP06890306	SEP06890306	0.8000	PCI/G			0.4000	PCI/G			66.6700
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	1.0000	PCI/G			1.4000	PCI/G			33.3300
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	0.7000	PCI/G			0.8000	PCI/G			13.3300
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.3000	PCI/G			0.4000	PCI/G			28.5700
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	1.1000	PCI/G			0.9000	PCI/G			20.0000
P218389	08-NOV-89	P2183891216	P2183891216	0.7000	PCI/G			1.0000	PCI/G			35.2900
SP0487	30-OCT-87	SP0487004D	SP048704DH	0.6300	PCI/G		N	1.1000	PCI/G		N	54.3400
SP1087	10-NOV-87	SP1087017D	SP108717DH	0.6000	PCI/G		N	1.0000	PCI/G		N	50.0000
SP1387	06-NOV-87	SP13876DUP	SP138706DH	1.2000	PCI/G		N	1.3000	PCI/G		N	8.0000
SP1587	12-NOV-87	SP1587008D	SP158708DH	0.7100	PCI/G		N	0.6400	PCI/G		N	10.3700
Number achieving criteria per number dup pairs: 10 / 14								Percent achieving criteria: 71.43				
URANIUM-235												
40191	18-SEP-91	BH00008EB	BH00006EB	0.0300	PCI/G		V	0.0600	PCI/G		V	66.6700
P207689	05-MAY-89	SEP04890006	SEP04890006	0.1000	PCI/G			0.0000	PCI/G			200.0000
P207889	01-MAY-89	SEP06890306	SEP06890306	0.0000	PCI/G			0.0000	PCI/G			0.0000
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	0.0000	PCI/G			0.2000	PCI/G			200.0000
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	0.0000	PCI/G			0.0000	PCI/G			0.0000

T_grp_code
Chemical

Location	Smpl_date	Smpl_num	Qc_partner	Samp_res	Samp_unit	SQu	SVa	Qc_res	Qc_unit	QQu	QVa	Rel_diff
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.0000	PCI/G			0.0000	PCI/G			0.0000
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	0.0000	PCI/G			0.0000	PCI/G			0.0000
P218389	08-NOV-89	P2183891216	P2183891216	0.1700	PCI/G			0.1000	PCI/G			51.8500

Number achieving criteria per number dup pairs: 5 / 9 Percent achieving criteria: 55.56

URANIUM-238

3787	16-JUL-87	BH37870005D	BH37870005	2.4000	PCI/G		N	3.1000	PCI/G		N	25.4500
40191	18-SEP-91	BH00008EB	BH00006EB	1.3400	PCI/G		V	1.2900	PCI/G		V	3.8000
P207689	05-MAY-89	SEP04890006	SEP04890006	0.5000	PCI/G			0.6000	PCI/G			18.1800
P207889	01-MAY-89	SEP06890306	SEP06890306	0.5000	PCI/G			0.7000	PCI/G			33.3300
P208989	12-MAY-89	SEP1789BR00	SEP1789BR00	0.0000				0.0000				0.0000
P209089	17-MAY-89	SEP1889BR12	SEP1889BR12	1.1000	PCI/G			1.3000	PCI/G			16.6700
P209189	25-MAY-89	SEP1989BR16	SEP1989BR16	0.9000	PCI/G			0.9000	PCI/G			0.0000
P209389	07-JUN-89	SEP2189BR20	SEP2189BR20	0.3000	PCI/G			0.5000	PCI/G			50.0000
P209889	11-MAY-89	SEP2689BR04	SEP2689BR04	1.0000	PCI/G			1.3000	PCI/G			26.0900
P218389	08-NOV-89	P2183891216	P2183891216	0.4700	PCI/G			0.8300	PCI/G			55.3800
SP0487	30-OCT-87	SP0487004D	SP048704DH	0.6600	PCI/G		N	0.8600	PCI/G		N	26.3200
SP1087	10-NOV-87	SP1087017D	SP108717DH	0.6500	PCI/G		N	0.9600	PCI/G		N	38.5100
SP1387	06-NOV-87	SP13876DUP	SP138706DH	1.2000	PCI/G		N	1.2000	PCI/G		N	0.0000
SP1587	12-NOV-87	SP1587008D	SP158708DH	0.6100	PCI/G		N	0.5100	PCI/G		N	17.8600

Number achieving criteria per number dup pairs: 12 / 14 Percent achieving criteria: 85.71
Total group achieving criteria per number dup pairs: 103 / 153 Total group achieving criteria: 67.32

APPENDIX II.Z

SUMMARY OF CONTAMINANTS OF INTEREST - ANALYTICAL RESULTS GREATER THAN BACKGROUND

Appendix II.2-1
Phase I Data - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
40093	BH40167AE	BH	REAL	13-JAN-93	BARIUM	106.0000	MG/KG			47.0000	V	93.87	0	6
40093	BH40170AE	BH	REAL	14-JAN-93	BARIUM	180.0000	MG/KG			49.0000	V	93.87	6	8.4
40193	BH40488AE	BH	REAL	06-JAN-93	BARIUM	142.0000	MG/KG			47.0000	V	93.87	0	6
40193	BH40493AE	BH	REAL	06-JAN-93	BARIUM	236.0000	MG/KG			49.0000	V	93.87	12	18
40193	BH40490AE	BH	REAL	06-JAN-93	BARIUM	177.0000	MG/KG			47.0000	V	93.87	6	12
40293	BH40118AE	BH	REAL	20-JAN-93	BARIUM	134.0000	MG/KG			48.0000	V	93.87	0	2.9
40393	BH40123AE	BH	REAL	29-JAN-93	BARIUM	149.0000	MG/KG			47.0000	V	93.87	0.0	5.0
40593	BH40128AE	BH	REAL	26-JAN-93	BARIUM	193.0000	MG/KG			46.0000	V	93.87	0.0	5.0
40593	BH40365AE	BH	REAL	26-JAN-93	BARIUM	124.0000	MG/KG			49.0000	V	93.87	12	18
40593	BH40400AE	BH	REAL	27-JAN-93	BARIUM	161.0000	MG/KG			49.0000	V	93.87	18.0	24.0
40593	BH40131AE	BH	REAL	26-JAN-93	BARIUM	109.0000	MG/KG			43.0000	V	93.87	6	11
40793	BH40157AE	BH	REAL	01-MAR-93	BARIUM	130.0000	MG/KG			10.0000	V	93.87	0	5
40793	BH40413AE	BH	REAL	01-MAR-93	BARIUM	162.0000	MG/KG			10.0000	V	93.87	0	5
40793	BH40160AE	BH	REAL	02-MAR-93	BARIUM	109.0000	MG/KG			10.0000	V	93.87	6.0	8.1
40893	BH40030AE	BH	REAL	15-DEC-92	BARIUM	102.0000	MG/KG			43.9000	V	93.87	0	7
40993	BH40201AE	BH	REAL	03-MAR-93	BARIUM	114.0000	MG/KG			10.0000	V	93.87	0	6
40993	BH40416AE	BH	REAL	05-MAR-93	BARIUM	104.0000	MG/KG			10.0000	V	93.87	31	35
40993	BH40204AE	BH	REAL	03-MAR-93	BARIUM	278.0000	MG/KG			10.0000	V	93.87	6	10
41593	BH40417AE	BH	REAL	06-APR-93	BARIUM	130.0000	MG/KG			10.0000	V	93.87	0	2
41593	BH40418AE	BH	REAL	06-APR-93	BARIUM	100.0000	MG/KG			10.0000	V	93.87	0	4
41693	BH40220AE	BH	REAL	22-FEB-93	BARIUM	169.0000	MG/KG			47.0000	V	93.87	6	12
42193	BH40433AE	BH	REAL	31-MAR-93	BARIUM	110.0000	MG/KG			10.0000	V	93.87	28.3	31.3
42293	BH40253AE	BH	REAL	15-APR-93	BARIUM	110.0000	MG/KG			10.0000	V	93.87	0.7	6.1
42293	BH40256AE	BH	REAL	15-APR-93	BARIUM	190.0000	MG/KG			10.0000	V	93.87	6.1	11.3
42493	BH40438AE	BH	REAL	23-MAR-93	BARIUM	268.0000	MG/KG		*	10.0000	JA	93.87	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	BARIUM	117.0000	MG/KG		*	10.0000	JA	93.87	0	4
43193	BH40306AE	BH	REAL	12-FEB-93	BARIUM	143.0000	MG/KG			47.0000	V	93.87	0.0	5.0
43293	BH40041AE	BH	REAL	29-JAN-93	BARIUM	105.0000	MG/KG			47.0000	V	93.87	0	6
43293	BH40044AE	BH	REAL	29-JAN-93	BARIUM	94.3000	MG/KG			42.0000	V	93.87	6	10
43393	BH40517AE	BH	REAL	18-MAR-93	BARIUM	240.0000	MG/KG			10.0000	V	93.87	4	7.6
43393	BH40324AE	BH	REAL	18-MAR-93	BARIUM	120.0000	MG/KG			10.0000	V	93.87	7.6	12.6
43493	BH40319AE	BH	REAL	21-APR-93	BARIUM	130.0000	MG/KG			10.0000	V	93.87	0.5	5.3
43493	BH40322AE	BH	REAL	21-APR-93	BARIUM	140.0000	MG/KG			10.0000	V	93.87	5.3	11.3
43593	BH40180AE	BH	REAL	26-JAN-93	BARIUM	109.0000	MG/KG			47.0000	V	93.87	1	6
43693	BH40518AE	BH	REAL	24-MAR-93	BARIUM	144.0000	MG/KG		*	10.0000	JA	93.87	0	2
43693	BH40525AE	BH	REAL	25-MAR-93	BARIUM	4150.0000	MG/KG		*	10.0000	JA	93.87	10	13
43893	BH40070AE	BH	REAL	05-FEB-93	BARIUM	129.0000	MG/KG			48.0000	V	93.87	0	6
44093	BH40348AE	BH	REAL	09-FEB-93	BARIUM	226.0000	MG/KG			48.0000	V	93.87	0	6
44793	BH40133AE	BH	REAL	12-JAN-93	BARIUM	135.0000	MG/KG			46.0000	V	93.87	0	2.5
44893	BH40188AE	BH	REAL	14-JAN-93	BARIUM	147.0000	MG/KG			46.0000	V	93.87	0.0	5.0
45693	BH40374AE	BH	REAL	19-MAR-93	BARIUM	98.4000	MG/KG			10.0000	V	93.87	0	6
46193	BH40385AE	BH	REAL	24-MAR-93	BARIUM	364.0000	MG/KG		*	10.0000	JA	93.87	0	6
46593	BH40713AE	BH	REAL	08-NOV-93	BARIUM	157.0000	MG/KG			40.0000	V	93.87	10.7	16.4
46693	BH40715AE	BH	REAL	08-NOV-93	BARIUM	140.0000	MG/KG			40.0000	V	93.87	0.5	2.25
46793	BH40731AE	BH	REAL	10-NOV-93	BARIUM	112.0000	MG/KG		*	40.0000	Y	93.87	2.50	4.50
46793	BH40732AE	BH	REAL	10-NOV-93	BARIUM	201.0000	MG/KG		*	40.0000	Y	93.87	4.50	6.50
46793	BH40742AE	BH	REAL	10-NOV-93	BARIUM	164.0000	MG/KG		*	40.0000	Y	93.87	8.50	14.7
46893	BH40743AE	BH	REAL	19-NOV-93	BARIUM	120.0000	MG/KG			40.0000	Y	93.87	0.50	2.50
46893	BH40746AE	BH	REAL	19-NOV-93	BARIUM	114.0000	MG/KG		B	40.0000	Y	93.87	4.60	6.60
46993	BH40757AE	BH	REAL	22-NOV-93	BARIUM	116.0000	MG/KG			40.0000	Y	93.87	1.30	3.10
47093	BH40771AE	BH	REAL	17-NOV-93	BARIUM	103.0000	MG/KG			200.0000	Y	93.87	0.70	2.70
41193	BH40052AE	BH	REAL	28-JAN-93	CADMIUM	15.5000	MG/KG			1.0000	V	2.3	6	8
41593	BH40417AE	BH	REAL	06-APR-93	CADMIUM	22.1000	MG/KG			5.0000	V	2.3	0	2
41693	BH40217AE	BH	REAL	22-FEB-93	CADMIUM	27.6000	MG/KG		N	1.0000	JA	2.3	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	CADMIUM	61.4000	MG/KG		N	1.0000	JA	2.3	6	12
41793	BH40243AE	BH	REAL	19-FEB-93	CADMIUM	3.2000	MG/KG		N	1.0000	JA	2.3	0	5

Appendix II.Z-1
Phase I Data - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
42193	BH40425AE	BH	REAL	19-MAR-93	CADMIUM	5.0000	MG/KG			5.0000	V	2.3	0	2
42493	BH40438AE	BH	REAL	23-MAR-93	CADMIUM	362.0000	MG/KG			5.0000	V	2.3	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	CADMIUM	547.0000	MG/KG			5.0000	V	2.3	0	4
42493	BH40440AE	BH	REAL	23-MAR-93	CADMIUM	37.5000	MG/KG			5.0000	V	2.3	4	6
42593	BH40446AE	BH	REAL	16-MAR-93	CADMIUM	4.7000	MG/KG			5.0000	JA	2.3	0.0	2.0
43193	BH40309AE	BH	REAL	15-FEB-93	CADMIUM	2.5000	MG/KG		N	1.0000	JA	2.3	6.0	11.0
43393	BH40510AE	BH	REAL	18-MAR-93	CADMIUM	3.6000	MG/KG			5.0000	V	2.3	0	2
43693	BH40518AE	BH	REAL	24-MAR-93	CADMIUM	48.4000	MG/KG			5.0000	V	2.3	0	2
43793	BH40332AE	BH	REAL	23-FEB-93	CADMIUM	21.7000	MG/KG			5.0000	V	2.3	0	6
43793	BH40335AE	BH	REAL	24-FEB-93	CADMIUM	37.6000	MG/KG			5.0000	V	2.3	6	11.5
46593	BH40700AE	BH	REAL	06-NOV-93	CADMIUM	63.7000	MG/KG			1.0000	V	2.3	0.75	2.75
46693	BH40715AE	BH	REAL	08-NOV-93	CADMIUM	135.0000	MG/KG			1.0000	V	2.3	0.5	2.25
46693	BH40717AE	BH	REAL	08-NOV-93	CADMIUM	5.9000	MG/KG			1.0000	JA	2.3	2.25	4.25
46793	BH40729AE	BH	REAL	10-NOV-93	CADMIUM	35.6000	MG/KG			1.0000	Y	2.3	0.50	2.50
46893	BH40754AE	BH	REAL	19-NOV-93	CADMIUM	4.8000	MG/KG			1.0000	Y	2.3	11.5	12.5
46893	BH40748AE	BH	REAL	19-NOV-93	CADMIUM	11.4000	MG/KG			1.0000	Y	2.3	6.60	8.60
46893	BH40749AE	BH	REAL	19-NOV-93	CADMIUM	7.0000	MG/KG			1.0000	Y	2.3	8.60	10.6
47093	BH40776AE	BH	REAL	18-NOV-93	CADMIUM	8.7000	MG/KG			5.0000	Y	2.3	6.8	8.8
40093	BH40167AE	BH	REAL	13-JAN-93	CALCIUM	10500.0000	MG/KG			1171.0000	V	7781.79	0	6
40193	BH40493AE	BH	REAL	06-JAN-93	CALCIUM	12700.0000	MG/KG		*	1230.0000	JA	7781.79	12	18
40193	BH40490AE	BH	REAL	06-JAN-93	CALCIUM	8080.0000	MG/KG		*	1175.0000	JA	7781.79	6	12
40593	BH40128AE	BH	REAL	26-JAN-93	CALCIUM	17600.0000	MG/KG			2286.0000	V	7781.79	0.0	5.0
40593	BH40131AE	BH	REAL	26-JAN-93	CALCIUM	50100.0000	MG/KG			2148.0000	V	7781.79	6	11
40793	BH40157AE	BH	REAL	01-MAR-93	CALCIUM	21600.0000	MG/KG			1000.0000	V	7781.79	0	5
40793	BH40413AE	BH	REAL	01-MAR-93	CALCIUM	28100.0000	MG/KG			1000.0000	V	7781.79	0	5
40793	BH40160AE	BH	REAL	02-MAR-93	CALCIUM	135000.0000	MG/KG			1000.0000	V	7781.79	6.0	8.1
40793	BH40414AE	BH	REAL	02-MAR-93	CALCIUM	60000.0000	MG/KG			1000.0000	V	7781.79	8.1	13.0
40893	BH40030AE	BH	REAL	15-DEC-92	CALCIUM	91000.0000	MG/KG			2194.4000	V	7781.79	0	7
40993	BH40201AE	BH	REAL	03-MAR-93	CALCIUM	22400.0000	MG/KG			1000.0000	V	7781.79	0	6
41193	BH40049AE	BH	REAL	28-JAN-93	CALCIUM	7910.0000	MG/KG			1159.0000	V	7781.79	0	6
41293	BH40196AE	BH	REAL	23-FEB-93	CALCIUM	47900.0000	MG/KG			1000.0000	V	7781.79	0	3.3
41593	BH40418AE	BH	REAL	06-APR-93	CALCIUM	232000.0000	MG/KG		*	1000.0000	JA	7781.79	0	4
41593	BH40419AE	BH	REAL	06-APR-93	CALCIUM	87400.0000	MG/KG		*	1000.0000	JA	7781.79	4	6
41593	BH40424AE	BH	REAL	06-APR-93	CALCIUM	54900.0000	MG/KG		*	1000.0000	JA	7781.79	4	7.9
41693	BH40217AE	BH	REAL	22-FEB-93	CALCIUM	19300.0000	MG/KG		E	1168.0000	JA	7781.79	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	CALCIUM	45900.0000	MG/KG		E	1170.0000	JA	7781.79	6	12
41793	BH40243AE	BH	REAL	19-FEB-93	CALCIUM	111000.0000	MG/KG		E	1099.0000	JA	7781.79	0	5
41793	BH40246AE	BH	REAL	22-FEB-93	CALCIUM	112000.0000	MG/KG		E	1114.0000	JA	7781.79	6	11
42293	BH40253AE	BH	REAL	15-APR-93	CALCIUM	63000.0000	MG/KG		*	1000.0000	JA	7781.79	0.7	6.1
42293	BH40256AE	BH	REAL	15-APR-93	CALCIUM	67600.0000	MG/KG		*	1000.0000	JA	7781.79	6.1	11.3
42493	BH40438AE	BH	REAL	23-MAR-93	CALCIUM	107000.0000	MG/KG			1000.0000	V	7781.79	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	CALCIUM	171000.0000	MG/KG			1000.0000	V	7781.79	0	4
42493	BH40440AE	BH	REAL	23-MAR-93	CALCIUM	24000.0000	MG/KG			1000.0000	V	7781.79	4	6
42493	BH40445AE	BH	REAL	23-MAR-93	CALCIUM	33000.0000	MG/KG			1000.0000	V	7781.79	8	10.2
42593	BH40290AE	BH	REAL	26-MAR-93	CALCIUM	11000.0000	MG/KG			1000.0000	V	7781.79	10.2	16.8
42593	BH40448AE	BH	REAL	16-MAR-93	CALCIUM	25400.0000	MG/KG			1000.0000	V	7781.79	4	6
42593	BH40450AE	BH	REAL	16-MAR-93	CALCIUM	41800.0000	MG/KG			1000.0000	V	7781.79	8	10.2
42993	BH40141AE	BH	REAL	20-JAN-93	CALCIUM	11200.0000	MG/KG			2339.0000	V	7781.79	1	6
42993	BH40144AE	BH	REAL	20-JAN-93	CALCIUM	38900.0000	MG/KG			2195.0000	V	7781.79	7	10
43193	BH40306AE	BH	REAL	12-FEB-93	CALCIUM	35200.0000	MG/KG		E	1183.0000	JA	7781.79	0.0	5.0
43293	BH40041AE	BH	REAL	29-JAN-93	CALCIUM	7840.0000	MG/KG			1166.0000	V	7781.79	0	6
43393	BH40510AE	BH	REAL	18-MAR-93	CALCIUM	58300.0000	MG/KG			1000.0000	V	7781.79	0	2
43393	BH40512AE	BH	REAL	18-MAR-93	CALCIUM	177000.0000	MG/KG			1000.0000	V	7781.79	4	5.4
43493	BH40319AE	BH	REAL	21-APR-93	CALCIUM	129000.0000	MG/KG		*	1000.0000	JA	7781.79	0.5	5.3
43493	BH40322AE	BH	REAL	21-APR-93	CALCIUM	68400.0000	MG/KG		*	1000.0000	JA	7781.79	5.3	11.3
43593	BH40180AE	BH	REAL	26-JAN-93	CALCIUM	9330.0000	MG/KG			2361.0000	V	7781.79	1	6
43693	BH40518AE	BH	REAL	24-MAR-93	CALCIUM	73200.0000	MG/KG			1000.0000	V	7781.79	0	2

Appendix II.2-1
Phase I Data - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
43693	BH40519AE	BH	REAL	24-MAR-93	CALCIUM	175000.0000	MG/KG			1000.0000	V	7781.79	0	4
43693	BH40525AE	BH	REAL	25-MAR-93	CALCIUM	13800.0000	MG/KG			1000.0000	V	7781.79	10	13
43793	BH40332AE	BH	REAL	23-FEB-93	CALCIUM	8320.0000	MG/KG			1000.0000	V	7781.79	0	6
43893	BH40073AE	BH	REAL	08-FEB-93	CALCIUM	10800.0000	MG/KG			1063.0000	V	7781.79	6	12
43993	BH40353AE	BH	REAL	10-FEB-93	CALCIUM	102000.0000	MG/KG		E	1163.0000	JA	7781.79	0	6
44093	BH40348AE	BH	REAL	09-FEB-93	CALCIUM	57800.0000	MG/KG			1205.0000	V	7781.79	0	6
44193	BH40429AE	BH	REAL	31-MAR-93	CALCIUM	8310.0000	MG/KG			1080.0000	V	7781.79	23.4	29.4
44393	BH40033AE	BH	REAL	08-FEB-93	CALCIUM	24700.0000	MG/KG			1083.0000	V	7781.79	0.0	5.0
44593	BH40001AE	BH	REAL	14-DEC-92	CALCIUM	21400.0000	MG/KG			2267.6000	V	7781.79	0	6.2
44593	BH40005AE	BH	REAL	14-DEC-92	CALCIUM	15700.0000	MG/KG			2274.0000	V	7781.79	6.2	11.4
45693	BH40374AE	BH	REAL	19-MAR-93	CALCIUM	15100.0000	MG/KG			1000.0000	V	7781.79	0	6
45793	BH40557AE	BH	REAL	18-MAR-93	CALCIUM	138000.0000	MG/KG			1000.0000	V	7781.79	0	4
45893	BH40377AE	BH	REAL	16-MAR-93	CALCIUM	9880.0000	MG/KG			1000.0000	V	7781.79	0	6
46193	BH40385AE	BH	REAL	24-MAR-93	CALCIUM	13500.0000	MG/KG			1000.0000	V	7781.79	0	6
46593	BH40700AE	BH	REAL	06-NOV-93	CALCIUM	33200.0000	MG/KG			1000.0000	V	7781.79	0.75	2.75
46593	BH40702AE	BH	REAL	06-NOV-93	CALCIUM	17500.0000	MG/KG			1000.0000	V	7781.79	2.75	4.75
46793	BH40731AE	BH	REAL	10-NOV-93	CALCIUM	193000.0000	MG/KG		*	1000.0000	Y	7781.79	2.50	4.50
46793	BH40732AE	BH	REAL	10-NOV-93	CALCIUM	325000.0000	MG/KG		*	1000.0000	Y	7781.79	4.50	6.50
46793	BH40740AE	BH	REAL	10-NOV-93	CALCIUM	328000.0000	MG/KG		*	1000.0000	Y	7781.79	6.50	8.50
46793	BH40742AE	BH	REAL	10-NOV-93	CALCIUM	11500.0000	MG/KG		*	1000.0000	Y	7781.79	8.50	14.7
46893	BH40743AE	BH	REAL	19-NOV-93	CALCIUM	34300.0000	MG/KG			1000.0000	Y	7781.79	0.50	2.50
46893	BH40754AE	BH	REAL	19-NOV-93	CALCIUM	70200.0000	MG/KG			1000.0000	Y	7781.79	11.5	12.5
46893	BH40745AE	BH	REAL	19-NOV-93	CALCIUM	45900.0000	MG/KG			1000.0000	Y	7781.79	2.50	4.60
46893	BH40746AE	BH	REAL	19-NOV-93	CALCIUM	231000.0000	MG/KG			1000.0000	Y	7781.79	4.60	6.60
46893	BH40748AE	BH	REAL	19-NOV-93	CALCIUM	65100.0000	MG/KG			1000.0000	Y	7781.79	6.60	8.60
46893	BH40749AE	BH	REAL	19-NOV-93	CALCIUM	11400.0000	MG/KG			1000.0000	Y	7781.79	8.60	10.6
47093	BH40771AE	BH	REAL	17-NOV-93	CALCIUM	11300.0000	MG/KG		*	5000.0000	Y	7781.79	0.70	2.70
47093	BH40773AE	BH	REAL	17-NOV-93	CALCIUM	71500.0000	MG/KG		*	5000.0000	Y	7781.79	2.70	4.70
40093	BH40170AE	BH	REAL	14-JAN-93	MANGANESE	252.0000	MG/KG		*	4.0000	JA	190.5	6	8.4
40193	BH40488AE	BH	REAL	06-JAN-93	MANGANESE	288.0000	MG/KG		N	4.0000	JA	190.5	0	6
40193	BH40493AE	BH	REAL	06-JAN-93	MANGANESE	193.0000	MG/KG		N	4.0000	JA	190.5	12	18
40193	BH40495AE	BH	REAL	06-JAN-93	MANGANESE	346.0000	MG/KG		N	4.0000	JA	190.5	18	24
40193	BH40490AE	BH	REAL	06-JAN-93	MANGANESE	208.0000	MG/KG		N	4.0000	JA	190.5	6	12
40293	BH40118AE	BH	REAL	20-JAN-93	MANGANESE	208.0000	MG/KG		N	4.0000	JA	190.5	0	2.9
40393	BH40123AE	BH	REAL	29-JAN-93	MANGANESE	300.0000	MG/KG		EN*	4.0000	JA	190.5	0.0	5.0
40593	BH40128AE	BH	REAL	26-JAN-93	MANGANESE	740.0000	MG/KG		N	3.0000	JA	190.5	0.0	5.0
40593	BH40400AE	BH	REAL	27-JAN-93	MANGANESE	231.0000	MG/KG		N	4.0000	JA	190.5	18.0	24.0
40593	BH40131AE	BH	REAL	26-JAN-93	MANGANESE	197.0000	MG/KG		N	3.0000	JA	190.5	6	11
40793	BH40157AE	BH	REAL	01-MAR-93	MANGANESE	243.0000	MG/KG			10.0000	V	190.5	0	5
40793	BH40413AE	BH	REAL	01-MAR-93	MANGANESE	291.0000	MG/KG			10.0000	V	190.5	0	5
40793	BH40414AE	BH	REAL	02-MAR-93	MANGANESE	197.0000	MG/KG			10.0000	V	190.5	8.1	13.0
40893	BH40030AE	BH	REAL	15-DEC-92	MANGANESE	358.0000	MG/KG		*	3.3000	JA	190.5	0	7
40993	BH40201AE	BH	REAL	03-MAR-93	MANGANESE	214.0000	MG/KG			10.0000	V	190.5	0	6
40993	BH40415AE	BH	REAL	05-MAR-93	MANGANESE	213.0000	MG/KG			10.0000	V	190.5	20	31
40993	BH40204AE	BH	REAL	03-MAR-93	MANGANESE	3140.0000	MG/KG			10.0000	V	190.5	6	10
41193	BH40052AE	BH	REAL	28-JAN-93	MANGANESE	728.0000	MG/KG		EN*	3.0000	JA	190.5	6	8
41293	BH40196AE	BH	REAL	23-FEB-93	MANGANESE	345.0000	MG/KG			10.0000	V	190.5	0	3.3
42193	BH40426AE	BH	REAL	19-MAR-93	MANGANESE	210.0000	MG/KG			10.0000	V	190.5	0	4
42393	BH40261AE	BH	REAL	27-JAN-93	MANGANESE	219.0000	MG/KG		N	3.0000	JA	190.5	0	6
42493	BH40438AE	BH	REAL	23-MAR-93	MANGANESE	1220.0000	MG/KG		N*	10.0000	JA	190.5	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	MANGANESE	307.0000	MG/KG		N*	10.0000	JA	190.5	0	4
43293	BH40044AE	BH	REAL	29-JAN-93	MANGANESE	540.0000	MG/KG		EN*	3.0000	JA	190.5	6	10
43393	BH40324AE	BH	REAL	18-MAR-93	MANGANESE	250.0000	MG/KG			10.0000	V	190.5	7.6	12.6
43593	BH40180AE	BH	REAL	26-JAN-93	MANGANESE	1000.0000	MG/KG		N	4.0000	JA	190.5	1	6
43693	BH40518AE	BH	REAL	24-MAR-93	MANGANESE	788.0000	MG/KG		N*	10.0000	JA	190.5	0	2
43693	BH40525AE	BH	REAL	25-MAR-93	MANGANESE	616.0000	MG/KG		N*	10.0000	JA	190.5	10	13
43793	BH40335AE	BH	REAL	24-FEB-93	MANGANESE	505.0000	MG/KG			10.0000	V	190.5	6	11.5

Appendix II.Z-1
Phase I Data - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
44193	BH40081AE	BH	REAL	21-DEC-92	MANGANESE	253.0000	MG/KG		*	3.2000	JA	190.5	6	12
44393	BH40033AE	BH	REAL	08-FEB-93	MANGANESE	200.0000	MG/KG		EN*	3.0000	JA	190.5	0.0	5.0
44793	BH40133AE	BH	REAL	12-JAN-93	MANGANESE	423.0000	MG/KG		*	3.0000	JA	190.5	0	2.5
44893	BH40188AE	BH	REAL	14-JAN-93	MANGANESE	236.0000	MG/KG		*	3.0000	JA	190.5	0.0	5.0
45793	BH40557AE	BH	REAL	18-MAR-93	MANGANESE	290.0000	MG/KG			10.0000	V	190.5	0	4
46893	BH40743AE	BH	REAL	19-NOV-93	MANGANESE	245.0000	MG/KG			3.0000	Y	190.5	0.50	2.50
46893	BH40749AE	BH	REAL	19-NOV-93	MANGANESE	423.0000	MG/KG			3.0000	Y	190.5	8.60	10.6
46993	BH40757AE	BH	REAL	22-NOV-93	MANGANESE	247.0000	MG/KG			3.0000	Y	190.5	1.30	3.10
47093	BH40771AE	BH	REAL	17-NOV-93	MANGANESE	214.0000	MG/KG			15.0000	Y	190.5	0.70	2.70
40593	BH40400AE	BH	REAL	27-JAN-93	POTASSIUM	1640.0000	MG/KG			2463.0000	JA	1562.86	18.0	24.0
40793	BH40413AE	BH	REAL	01-MAR-93	POTASSIUM	2210.0000	MG/KG			1000.0000	V	1562.86	0	5
40993	BH40201AE	BH	REAL	03-MAR-93	POTASSIUM	1680.0000	MG/KG			1000.0000	V	1562.86	0	6
40993	BH40206AE	BH	REAL	05-MAR-93	POTASSIUM	3340.0000	MG/KG			1000.0000	V	1562.86	10	20
40993	BH40415AE	BH	REAL	05-MAR-93	POTASSIUM	4380.0000	MG/KG			1000.0000	V	1562.86	20	31
40993	BH40416AE	BH	REAL	05-MAR-93	POTASSIUM	1730.0000	MG/KG			1000.0000	V	1562.86	31	35
41593	BH40417AE	BH	REAL	06-APR-93	POTASSIUM	12600.0000	MG/KG			1000.0000	JA	1562.86	0	2
41593	BH40418AE	BH	REAL	06-APR-93	POTASSIUM	5080.0000	MG/KG			1000.0000	JA	1562.86	0	4
41593	BH40419AE	BH	REAL	06-APR-93	POTASSIUM	3030.0000	MG/KG			1000.0000	JA	1562.86	4	6
41593	BH40424AE	BH	REAL	06-APR-93	POTASSIUM	2000.0000	MG/KG			1000.0000	JA	1562.86	4	7.9
41693	BH40217AE	BH	REAL	22-FEB-93	POTASSIUM	3330.0000	MG/KG			1168.0000	V	1562.86	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	POTASSIUM	6600.0000	MG/KG			1170.0000	V	1562.86	6	12
41793	BH40246AE	BH	REAL	22-FEB-93	POTASSIUM	1790.0000	MG/KG			1114.0000	V	1562.86	6	11
41993	BH40062AE	BH	REAL	13-JAN-93	POTASSIUM	1830.0000	MG/KG			1101.0000	V	1562.86	0	6
42193	BH40425AE	BH	REAL	19-MAR-93	POTASSIUM	4670.0000	MG/KG			1000.0000	V	1562.86	0	2
42193	BH40426AE	BH	REAL	19-MAR-93	POTASSIUM	2300.0000	MG/KG			1000.0000	V	1562.86	0	4
42293	BH40253AE	BH	REAL	15-APR-93	POTASSIUM	1990.0000	MG/KG			1000.0000	JA	1562.86	0.7	6.1
42293	BH40256AE	BH	REAL	15-APR-93	POTASSIUM	2400.0000	MG/KG			1000.0000	JA	1562.86	6.1	11.3
42393	BH40261AE	BH	REAL	27-JAN-93	POTASSIUM	1700.0000	MG/KG			2153.0000	JA	1562.86	0	6
42393	BH40264AE	BH	REAL	27-JAN-93	POTASSIUM	1700.0000	MG/KG			2119.0000	JA	1562.86	6	8.1
42493	BH40438AE	BH	REAL	23-MAR-93	POTASSIUM	2890.0000	MG/KG			1000.0000	JA	1562.86	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	POTASSIUM	1860.0000	MG/KG			1000.0000	JA	1562.86	0	4
42493	BH40440AE	BH	REAL	23-MAR-93	POTASSIUM	1760.0000	MG/KG			1000.0000	JA	1562.86	4	6
42593	BH40446AE	BH	REAL	16-MAR-93	POTASSIUM	5520.0000	MG/KG			1000.0000	V	1562.86	0.0	2.0
42593	BH40290AE	BH	REAL	26-MAR-93	POTASSIUM	1590.0000	MG/KG			1000.0000	JA	1562.86	10.2	16.8
42993	BH40141AE	BH	REAL	20-JAN-93	POTASSIUM	2190.0000	MG/KG			2339.0000	JA	1562.86	1	6
42993	BH40144AE	BH	REAL	20-JAN-93	POTASSIUM	1930.0000	MG/KG			2195.0000	JA	1562.86	7	10
43193	BH40306AE	BH	REAL	12-FEB-93	POTASSIUM	3890.0000	MG/KG			1183.0000	V	1562.86	0.0	5.0
43293	BH40041AE	BH	REAL	29-JAN-93	POTASSIUM	1820.0000	MG/KG			1166.0000	V	1562.86	0	6
43393	BH40510AE	BH	REAL	18-MAR-93	POTASSIUM	6770.0000	MG/KG			1000.0000	V	1562.86	0	2
43393	BH40511AE	BH	REAL	18-MAR-93	POTASSIUM	3050.0000	MG/KG			1000.0000	V	1562.86	0	4
43393	BH40512AE	BH	REAL	18-MAR-93	POTASSIUM	3230.0000	MG/KG			1000.0000	V	1562.86	4	5.4
43393	BH40517AE	BH	REAL	18-MAR-93	POTASSIUM	3590.0000	MG/KG			1000.0000	V	1562.86	4	7.6
43493	BH40322AE	BH	REAL	21-APR-93	POTASSIUM	1800.0000	MG/KG			1000.0000	JA	1562.86	5.3	11.3
43593	BH40180AE	BH	REAL	26-JAN-93	POTASSIUM	1630.0000	MG/KG			2361.0000	JA	1562.86	1	6
43693	BH40518AE	BH	REAL	24-MAR-93	POTASSIUM	5500.0000	MG/KG			1000.0000	JA	1562.86	0	2
43693	BH40519AE	BH	REAL	24-MAR-93	POTASSIUM	3500.0000	MG/KG			1000.0000	JA	1562.86	0	4
43693	BH40525AE	BH	REAL	25-MAR-93	POTASSIUM	2150.0000	MG/KG			1000.0000	JA	1562.86	10	13
43693	BH40520AE	BH	REAL	24-MAR-93	POTASSIUM	3530.0000	MG/KG			1000.0000	JA	1562.86	4	6
43693	BH40521AE	BH	REAL	25-MAR-93	POTASSIUM	2140.0000	MG/KG			1000.0000	JA	1562.86	4	8
43693	BH40522AE	BH	REAL	25-MAR-93	POTASSIUM	2190.0000	MG/KG			1000.0000	JA	1562.86	8	10
43793	BH40332AE	BH	REAL	23-FEB-93	POTASSIUM	1840.0000	MG/KG			1000.0000	V	1562.86	0	6
43793	BH40335AE	BH	REAL	24-FEB-93	POTASSIUM	1990.0000	MG/KG			1000.0000	V	1562.86	6	11.5
44093	BH40348AE	BH	REAL	09-FEB-93	POTASSIUM	1660.0000	MG/KG			1205.0000	V	1562.86	0	6
44193	BH40078AE	BH	REAL	21-DEC-92	POTASSIUM	2030.0000	MG/KG			2412.8000	V	1562.86	0	6
44393	BH40033AE	BH	REAL	08-FEB-93	POTASSIUM	1700.0000	MG/KG			1083.0000	V	1562.86	0.0	5.0
44593	BH40001AE	BH	REAL	14-DEC-92	POTASSIUM	1580.0000	MG/KG			2267.6000	V	1562.86	0	6.2
44793	BH40133AE	BH	REAL	12-JAN-93	POTASSIUM	2030.0000	MG/KG			1160.0000	V	1562.86	0	2.5

Appendix II.Z-1
Phase I Data - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
44893	BH40188AE	BH	REAL	14-JAN-93	POTASSIUM	1580.0000	MG/KG			1155.0000	V	1562.86	0.0	5.0
45693	BH40374AE	BH	REAL	19-MAR-93	POTASSIUM	1770.0000	MG/KG			1000.0000	V	1562.86	0	6
45893	BH40380AE	BH	REAL	16-MAR-93	POTASSIUM	1860.0000	MG/KG			1000.0000	V	1562.86	6	8.7
46193	BH40385AE	BH	REAL	24-MAR-93	POTASSIUM	1970.0000	MG/KG			1000.0000	JA	1562.86	0	6
46593	BH40700AE	BH	REAL	06-NOV-93	POTASSIUM	2650.0000	MG/KG			1000.0000	V	1562.86	0.75	2.75
46593	BH40702AE	BH	REAL	06-NOV-93	POTASSIUM	2360.0000	MG/KG			1000.0000	V	1562.86	2.75	4.75
46593	BH40703AE	BH	REAL	06-NOV-93	POTASSIUM	2500.0000	MG/KG			1000.0000	V	1562.86	4.75	6.75
46593	BH40705AE	BH	REAL	08-NOV-93	POTASSIUM	1880.0000	MG/KG			1000.0000	V	1562.86	4.75	8.75
46693	BH40715AE	BH	REAL	08-NOV-93	POTASSIUM	21100.0000	MG/KG			1000.0000	V	1562.86	0.5	2.25
46693	BH40717AE	BH	REAL	08-NOV-93	POTASSIUM	6700.0000	MG/KG			1000.0000	V	1562.86	2.25	4.25
46693	BH40718AE	BH	REAL	09-NOV-93	POTASSIUM	5260.0000	MG/KG			1000.0000	V	1562.86	4.6	6.6
46693	BH40726AE	BH	REAL	09-NOV-93	POTASSIUM	7870.0000	MG/KG			1000.0000	V	1562.86	6.6	7.6
46793	BH40729AE	BH	REAL	10-NOV-93	POTASSIUM	10700.0000	MG/KG			1000.0000	Y	1562.86	0.50	2.50
46793	BH40731AE	BH	REAL	10-NOV-93	POTASSIUM	6840.0000	MG/KG			1000.0000	Y	1562.86	2.50	4.50
46793	BH40732AE	BH	REAL	10-NOV-93	POTASSIUM	1570.0000	MG/KG			1000.0000	Y	1562.86	4.50	6.50
46893	BH40754AE	BH	REAL	19-NOV-93	POTASSIUM	1650.0000	MG/KG			1000.0000	Y	1562.86	11.5	12.5
46893	BH40748AE	BH	REAL	19-NOV-93	POTASSIUM	1870.0000	MG/KG			1000.0000	Y	1562.86	6.60	8.60
46993	BH40757AE	BH	REAL	22-NOV-93	POTASSIUM	5060.0000	MG/KG			1000.0000	Y	1562.86	1.30	3.10
46993	BH40759AE	BH	REAL	22-NOV-93	POTASSIUM	1880.0000	MG/KG			1000.0000	Y	1562.86	3.30	5.0
46993	BH40768AE	BH	REAL	22-NOV-93	POTASSIUM	6120.0000	MG/KG			1000.0000	Y	1562.86	5.50	7.00
47093	BH40774AE	BH	REAL	17-NOV-93	POTASSIUM	1610.0000	MG/KG			5000.0000	Y	1562.86	4.80	6.80
47093	BH40776AE	BH	REAL	18-NOV-93	POTASSIUM	1920.0000	MG/KG			5000.0000	Y	1562.86	6.8	8.8
40993	BH40206AE	BH	REAL	05-MAR-93	SODIUM	3950.0000	MG/KG			1000.0000	V	2720	10	20
40993	BH40415AE	BH	REAL	05-MAR-93	SODIUM	5220.0000	MG/KG			1000.0000	V	2720	20	31
41593	BH40417AE	BH	REAL	06-APR-93	SODIUM	5650.0000	MG/KG			1000.0000	JA	2720	0	2
41593	BH40418AE	BH	REAL	06-APR-93	SODIUM	3050.0000	MG/KG			1000.0000	JA	2720	0	4
42193	BH40425AE	BH	REAL	19-MAR-93	SODIUM	3170.0000	MG/KG			1000.0000	V	2720	0	2
42593	BH40446AE	BH	REAL	16-MAR-93	SODIUM	3060.0000	MG/KG			1000.0000	V	2720	0.0	2.0
43393	BH40510AE	BH	REAL	18-MAR-93	SODIUM	4800.0000	MG/KG			1000.0000	V	2720	0	2
43393	BH40517AE	BH	REAL	18-MAR-93	SODIUM	5990.0000	MG/KG			1000.0000	V	2720	4	7.6
43693	BH40518AE	BH	REAL	24-MAR-93	SODIUM	2760.0000	MG/KG			1000.0000	JA	2720	0	2
43693	BH40519AE	BH	REAL	24-MAR-93	SODIUM	3130.0000	MG/KG			1000.0000	JA	2720	0	4
46693	BH40715AE	BH	REAL	08-NOV-93	SODIUM	10200.0000	MG/KG			1000.0000	V	2720	0.5	2.25
46693	BH40717AE	BH	REAL	08-NOV-93	SODIUM	4790.0000	MG/KG			1000.0000	V	2720	2.25	4.25
46693	BH40718AE	BH	REAL	09-NOV-93	SODIUM	3000.0000	MG/KG			1000.0000	V	2720	4.6	6.6
46693	BH40726AE	BH	REAL	09-NOV-93	SODIUM	5800.0000	MG/KG			1000.0000	V	2720	6.6	7.6
46793	BH40729AE	BH	REAL	10-NOV-93	SODIUM	5450.0000	MG/KG			1000.0000	Y	2720	0.50	2.50
46793	BH40731AE	BH	REAL	10-NOV-93	SODIUM	6770.0000	MG/KG			1000.0000	Y	2720	2.50	4.50
46993	BH40757AE	BH	REAL	22-NOV-93	SODIUM	3900.0000	MG/KG			1000.0000	Y	2720	1.30	3.10
46993	BH40768AE	BH	REAL	22-NOV-93	SODIUM	7010.0000	MG/KG			1000.0000	Y	2720	5.50	7.00
40093	BH40167AE	BH	REAL	13-JAN-93	ZINC	48.6000	MG/KG			5.0000	V	23.64	0	6
40093	BH40170AE	BH	REAL	14-JAN-93	ZINC	70.9000	MG/KG			5.0000	V	23.64	6	8.4
40193	BH40488AE	BH	REAL	06-JAN-93	ZINC	53.1000	MG/KG		EN	5.0000	JA	23.64	0	6
40193	BH40493AE	BH	REAL	06-JAN-93	ZINC	39.9000	MG/KG		EN	5.0000	JA	23.64	12	18
40193	BH40495AE	BH	REAL	06-JAN-93	ZINC	32.5000	MG/KG		EN	5.0000	JA	23.64	18	24
40193	BH40490AE	BH	REAL	06-JAN-93	ZINC	59.2000	MG/KG		EN	5.0000	JA	23.64	6	12
40293	BH40118AE	BH	REAL	20-JAN-93	ZINC	49.8000	MG/KG			5.0000	V	23.64	0	2.9
40393	BH40123AE	BH	REAL	29-JAN-93	ZINC	55.1000	MG/KG		E	5.0000	JA	23.64	0.0	5.0
40593	BH40128AE	BH	REAL	26-JAN-93	ZINC	90.4000	MG/KG			5.0000	V	23.64	0.0	5.0
40593	BH40365AE	BH	REAL	26-JAN-93	ZINC	115.0000	MG/KG			5.0000	V	23.64	12	18
40593	BH40400AE	BH	REAL	27-JAN-93	ZINC	67.4000	MG/KG			5.0000	V	23.64	18.0	24.0
40593	BH40131AE	BH	REAL	26-JAN-93	ZINC	34.1000	MG/KG			4.0000	V	23.64	6	11
40793	BH40157AE	BH	REAL	01-MAR-93	ZINC	38.6000	MG/KG			10.0000	V	23.64	0	5
40793	BH40413AE	BH	REAL	01-MAR-93	ZINC	54.3000	MG/KG			10.0000	V	23.64	0	5
40793	BH40414AE	BH	REAL	02-MAR-93	ZINC	44.2000	MG/KG			10.0000	JA	23.64	8.1	13.0
40993	BH40201AE	BH	REAL	03-MAR-93	ZINC	30.7000	MG/KG			10.0000	V	23.64	0	6

Appendix II.Z-1
Phase I Data - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
40993	BH40415AE	BH	REAL	05-MAR-93	ZINC	61.2000	MG/KG			10.0000	JA	23.64	20	31
40993	BH40416AE	BH	REAL	05-MAR-93	ZINC	71.3000	MG/KG			10.0000	JA	23.64	31	35
41193	BH40052AE	BH	REAL	28-JAN-93	ZINC	24.2000	MG/KG		E	4.0000	JA	23.64	6	8
41593	BH40417AE	BH	REAL	06-APR-93	ZINC	53.2000	MG/KG			10.0000	V	23.64	0	2
41693	BH40217AE	BH	REAL	22-FEB-93	ZINC	28.5000	MG/KG			5.0000	V	23.64	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	ZINC	50.9000	MG/KG			5.0000	JA	23.64	6	12
41993	BH40062AE	BH	REAL	13-JAN-93	ZINC	28.6000	MG/KG			4.0000	V	23.64	0	6
42093	BH40483AE	BH	REAL	08-JAN-93	ZINC	63.0000	MG/KG			4.0000	V	23.64	0	6
42193	BH40425AE	BH	REAL	19-MAR-93	ZINC	28.5000	MG/KG		N*	10.0000	JA	23.64	0	2
42193	BH40091AE	BH	REAL	30-MAR-93	ZINC	61.5000	MG/KG			10.0000	V	23.64	16	22
42193	BH40430AE	BH	REAL	30-MAR-93	ZINC	54.9000	MG/KG			10.0000	V	23.64	22	28.3
42193	BH40433AE	BH	REAL	31-MAR-93	ZINC	110.0000	MG/KG		N*	10.0000	JA	23.64	28.3	31.3
42193	BH40432AE	BH	REAL	19-MAR-93	ZINC	31.1000	MG/KG		N*	10.0000	JA	23.64	4.0	9.9
42193	BH40086AE	BH	REAL	30-MAR-93	ZINC	46.8000	MG/KG			10.0000	V	23.64	9.9	16
42293	BH40253AE	BH	REAL	15-APR-93	ZINC	35.7000	MG/KG			10.0000	JA	23.64	0.7	6.1
42293	BH40256AE	BH	REAL	15-APR-93	ZINC	39.3000	MG/KG			10.0000	JA	23.64	6.1	11.3
42393	BH40261AE	BH	REAL	27-JAN-93	ZINC	40.9000	MG/KG			4.0000	V	23.64	0	6
42393	BH40264AE	BH	REAL	27-JAN-93	ZINC	30.9000	MG/KG			4.0000	V	23.64	6	8.1
42493	BH40438AE	BH	REAL	23-MAR-93	ZINC	44.6000	MG/KG			10.0000	V	23.64	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	ZINC	37.5000	MG/KG			10.0000	V	23.64	0	4
42493	BH40445AE	BH	REAL	23-MAR-93	ZINC	44.6000	MG/KG			10.0000	V	23.64	8	10.2
42593	BH40446AE	BH	REAL	16-MAR-93	ZINC	45.1000	MG/KG			10.0000	JA	23.64	0.0	2.0
42593	BH40290AE	BH	REAL	26-MAR-93	ZINC	56.3000	MG/KG			10.0000	V	23.64	10.2	16.8
42593	BH40450AE	BH	REAL	16-MAR-93	ZINC	38.6000	MG/KG			10.0000	V	23.64	8	10.2
42993	BH40141AE	BH	REAL	20-JAN-93	ZINC	37.2000	MG/KG			5.0000	V	23.64	1	6
43193	BH40306AE	BH	REAL	12-FEB-93	ZINC	39.6000	MG/KG			5.0000	JA	23.64	0.0	5.0
43293	BH40041AE	BH	REAL	29-JAN-93	ZINC	39.4000	MG/KG		E	5.0000	JA	23.64	0	6
43293	BH40044AE	BH	REAL	29-JAN-93	ZINC	25.0000	MG/KG		E	4.0000	JA	23.64	6	10
43393	BH40510AE	BH	REAL	18-MAR-93	ZINC	24.6000	MG/KG		N*	10.0000	JA	23.64	0	2
43393	BH40517AE	BH	REAL	18-MAR-93	ZINC	46.6000	MG/KG		N*	10.0000	JA	23.64	4	7.6
43393	BH40324AE	BH	REAL	18-MAR-93	ZINC	76.9000	MG/KG		N*	10.0000	JA	23.64	7.6	12.6
43493	BH40322AE	BH	REAL	21-APR-93	ZINC	26.8000	MG/KG			10.0000	JA	23.64	5.3	11.3
43593	BH40180AE	BH	REAL	26-JAN-93	ZINC	85.2000	MG/KG			5.0000	V	23.64	1	6
43693	BH40518AE	BH	REAL	24-MAR-93	ZINC	27.2000	MG/KG			10.0000	V	23.64	0	2
43693	BH40525AE	BH	REAL	25-MAR-93	ZINC	91.6000	MG/KG			10.0000	V	23.64	10	13
43793	BH40332AE	BH	REAL	23-FEB-93	ZINC	51.3000	MG/KG			10.0000	V	23.64	0	6
43893	BH40070AE	BH	REAL	05-FEB-93	ZINC	27.6000	MG/KG		E	5.0000	JA	23.64	0	6
44093	BH40348AE	BH	REAL	09-FEB-93	ZINC	30.7000	MG/KG		E	5.0000	JA	23.64	0	6
44193	BH40078AE	BH	REAL	21-DEC-92	ZINC	49.7000	MG/KG			6.8000	V	23.64	0	6
44193	BH40429AE	BH	REAL	31-MAR-93	ZINC	74.5000	MG/KG		N*	10.0000	JA	23.64	23.4	29.4
44193	BH40568AE	BH	REAL	31-MAR-93	ZINC	73.3000	MG/KG		N*	10.0000	JA	23.64	29.4	35.4
44193	BH40569AE	BH	REAL	31-MAR-93	ZINC	130.0000	MG/KG		N*	10.0000	JA	23.64	35.4	41.6
44193	BH40570AE	BH	REAL	31-MAR-93	ZINC	60.4000	MG/KG		N*	10.0000	JA	23.64	41.6	47.6
44193	BH40089AE	BH	REAL	31-MAR-93	ZINC	160.0000	MG/KG		N*	10.0000	JA	23.64	47.6	50.2
44393	BH40033AE	BH	REAL	08-FEB-93	ZINC	168.0000	MG/KG		E	6.0000	JA	23.64	0.0	5.0
44593	BH40001AE	BH	REAL	14-DEC-92	ZINC	31.8000	MG/KG			4.5000	V	23.64	0	6.2
44593	BH40005AE	BH	REAL	14-DEC-92	ZINC	44.5000	MG/KG			4.5000	V	23.64	6.2	11.4
44793	BH40133AE	BH	REAL	12-JAN-93	ZINC	43.5000	MG/KG			5.0000	V	23.64	0	2.5
44893	BH40188AE	BH	REAL	14-JAN-93	ZINC	67.2000	MG/KG			5.0000	V	23.64	0.0	5.0
44893	BH40191AE	BH	REAL	14-JAN-93	ZINC	28.8000	MG/KG			5.0000	V	23.64	6.2	12.2
45693	BH40374AE	BH	REAL	19-MAR-93	ZINC	76.2000	MG/KG		N*	10.0000	JA	23.64	0	6
45893	BH40377AE	BH	REAL	16-MAR-93	ZINC	31.2000	MG/KG			10.0000	V	23.64	0	6
45893	BH40380AE	BH	REAL	16-MAR-93	ZINC	35.2000	MG/KG			10.0000	V	23.64	6	8.7
45893	BH40382AE	BH	REAL	16-MAR-93	ZINC	52.1000	MG/KG			10.0000	V	23.64	8.7	22
46193	BH40385AE	BH	REAL	24-MAR-93	ZINC	92.8000	MG/KG			10.0000	V	23.64	0	6
46593	BH40713AE	BH	REAL	08-NOV-93	ZINC	53.5000	MG/KG			4.0000	V	23.64	10.7	16.4
46593	BH40711AE	BH	REAL	08-NOV-93	ZINC	67.1000	MG/KG			4.0000	V	23.64	8.75	10.7
46693	BH40715AE	BH	REAL	08-NOV-93	ZINC	45.3000	MG/KG			4.0000	V	23.64	0.5	2.25

Appendix II.Z-1
Phase I Data - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
46693	BH40728AE	BH	REAL	09-NOV-93	ZINC	42.5000	MG/KG			4.0000	Y	23.64	8.6	14.8
46793	BH40729AE	BH	REAL	10-NOV-93	ZINC	28.3000	MG/KG		E	4.0000	Y	23.64	0.50	2.50
46793	BH40742AE	BH	REAL	10-NOV-93	ZINC	68.1000	MG/KG		E	4.0000	Y	23.64	8.50	14.7
46993	BH40768AE	BH	REAL	22-NOV-93	ZINC	49.0000	MG/KG			4.0000	Y	23.64	5.50	7.00

Appendix II.Z-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
40993	BH40201AE	BH	REAL	03-MAR-93	AMERICIUM-241	0.2500	PCI/G	.058		0.0030	V	0.01	0	6
40993	BH40416AE	BH	REAL	05-MAR-93	AMERICIUM-241	0.0130	PCI/G	.01	J	0.0020	V	0.01	31	35
40993	BH40204AE	BH	REAL	03-MAR-93	AMERICIUM-241	0.0420	PCI/G	.028		0.0170	V	0.01	6	10
41193	BH40049AE	BH	REAL	28-JAN-93	AMERICIUM-241	0.2900	PCI/G	.052	B	0.0020	V	0.01	0	6
41293	BH40196AE	BH	REAL	23-FEB-93	AMERICIUM-241	0.3500	PCI/G	.062		0.0020	A	0.01	0	3.3
41593	BH40417AE	BH	REAL	06-APR-93	AMERICIUM-241	0.5000	PCI/G	.076		0.0050	V	0.01	0	2
41593	BH40418AE	BH	REAL	06-APR-93	AMERICIUM-241	0.1200	PCI/G	.046		0.0110	V	0.01	0	4
41693	BH40217AE	BH	REAL	22-FEB-93	AMERICIUM-241	2.7000	PCI/G	.42		0.0050	A	0.01	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	AMERICIUM-241	0.2800	PCI/G	.048		0.0020	A	0.01	6	12
41793	BH40243AE	BH	REAL	19-FEB-93	AMERICIUM-241	2.1000	PCI/G	.39		0.0190	A	0.01	0	5
41793	BH40246AE	BH	REAL	22-FEB-93	AMERICIUM-241	0.0690	PCI/G	.03		0.0150	A	0.01	6	11
41993	BH40062AE	BH	REAL	13-JAN-93	AMERICIUM-241	0.2800	PCI/G	.03		0.0100	A	0.01	0	6
42193	BH40425AE	BH	REAL	19-MAR-93	AMERICIUM-241	0.0880	PCI/G	.026		0.0070	A	0.01	0	2
42293	BH40253AE	BH	REAL	15-APR-93	AMERICIUM-241	0.0759	PCI/G	.0175		0.0022	V	0.01	0.7	6.1
42393	BH40261AE	BH	REAL	27-JAN-93	AMERICIUM-241	0.6900	PCI/G	.088		0.0060	V	0.01	0	6
42393	BH40264AE	BH	REAL	27-JAN-93	AMERICIUM-241	0.0630	PCI/G	.02		0.0020	V	0.01	6	8.1
42493	BH40438AE	BH	REAL	23-MAR-93	AMERICIUM-241	1.1000	PCI/G	.25		0.0620	V	0.01	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	AMERICIUM-241	0.1700	PCI/G	.04		0.0110	V	0.01	0	4
42493	BH40445AE	BH	REAL	23-MAR-93	AMERICIUM-241	0.0150	PCI/G	.012	J	0.0090	V	0.01	8	10.2
42593	BH40446AE	BH	REAL	16-MAR-93	AMERICIUM-241	0.0280	PCI/G	.014		0.0050	V	0.01	0.0	2.0
42593	BH40449AE	BH	REAL	16-MAR-93	AMERICIUM-241	0.0110	PCI/G	.008	J	0.0050	V	0.01	4	8
43193	BH40306AE	BH	REAL	12-FEB-93	AMERICIUM-241	0.9000	PCI/G	.12		0.0050	A	0.01	0.0	5.0
43193	BH40309AE	BH	REAL	15-FEB-93	AMERICIUM-241	0.0110	PCI/G	.01	J	0.0090	A	0.01	6.0	11.0
43393	BH40510AE	BH	REAL	18-MAR-93	AMERICIUM-241	0.0210	PCI/G	.012		0.0020	A	0.01	0	2
43493	BH40319AE	BH	REAL	21-APR-93	AMERICIUM-241	0.0302	PCI/G	.0106		0.0023	V	0.01	0.5	5.3
43593	BH40180AE	BH	REAL	26-JAN-93	AMERICIUM-241	4.0000	PCI/G	.46		0.0020	V	0.01	1	6
43693	BH40518AE	BH	REAL	24-MAR-93	AMERICIUM-241	2.4800	PCI/G	.266		0.0047	A	0.01	0	2
43793	BH40332AE	BH	REAL	23-FEB-93	AMERICIUM-241	6.1000	PCI/G	.72		0.0070	A	0.01	0	6
43793	BH40335AE	BH	REAL	24-FEB-93	AMERICIUM-241	0.0720	PCI/G	.03		0.0120	A	0.01	6	11.5
43893	BH40070AE	BH	REAL	05-FEB-93	AMERICIUM-241	1.4000	PCI/G	.15	B	0.0080	V	0.01	0	6
43993	BH40353AE	BH	REAL	10-FEB-93	AMERICIUM-241	0.2643	PCI/G	.0394		0.0020	A	0.01	0	6
44093	BH40348AE	BH	REAL	09-FEB-93	AMERICIUM-241	1.8000	PCI/G	.19		0.0060	V	0.01	0	6
44793	BH40133AE	BH	REAL	12-JAN-93	AMERICIUM-241	0.0509	PCI/G	.014		0.0040	A	0.01	0	2.5
46593	BH40700AE	BH	REAL	06-NOV-93	AMERICIUM-241	0.4892	PCI/G	.065		0.0056	A	0.01	0.75	2.75
46593	BH40713AE	BH	REAL	08-NOV-93	AMERICIUM-241	0.0428	PCI/G	.0128		0.0042	A	0.01	10.7	16.4
46593	BH40702AE	BH	REAL	06-NOV-93	AMERICIUM-241	0.0161	PCI/G	.0083		0.0044	Y	0.01	2.75	4.75
46593	BH40711AE	BH	REAL	08-NOV-93	AMERICIUM-241	0.0334	PCI/G	.0117		0.0040	A	0.01	8.75	10.7
46693	BH40715AE	BH	REAL	08-NOV-93	AMERICIUM-241	1.8000	PCI/G	.197		0.0046	Y	0.01	0.5	2.25
46693	BH40717AE	BH	REAL	08-NOV-93	AMERICIUM-241	0.1607	PCI/G	.0284		0.0043	Y	0.01	2.25	4.25
46693	BH40718AE	BH	REAL	09-NOV-93	AMERICIUM-241	0.0144	PCI/G	.00755		0.0046	A	0.01	4.6	6.6
46693	BH40726AE	BH	REAL	09-NOV-93	AMERICIUM-241	0.0683	PCI/G	.0172		0.0039	A	0.01	6.6	7.6
46693	BH40728AE	BH	REAL	09-NOV-93	AMERICIUM-241	0.0328	PCI/G	.0118		0.0042	A	0.01	8.6	14.8
46793	BH40729AE	BH	REAL	10-NOV-93	AMERICIUM-241	0.1672	PCI/G	.0311		0.0051	V	0.01	0.50	2.50
46793	BH40732AE	BH	REAL	10-NOV-93	AMERICIUM-241	0.0217	PCI/G	.00969		0.0050	V	0.01	4.50	6.50
46793	BH40742AE	BH	REAL	10-NOV-93	AMERICIUM-241	0.0101	PCI/G	.00717		0.0059	V	0.01	8.50	14.7
46893	BH40743AE	BH	REAL	19-NOV-93	AMERICIUM-241	0.0166	PCI/G	.00756		0.0042	V	0.01	0.50	2.50
46893	BH40754AE	BH	REAL	19-NOV-93	AMERICIUM-241	0.0488	PCI/G	.0135		0.0042	V	0.01	11.5	12.5
47093	BH40771AE	BH	REAL	17-NOV-93	AMERICIUM-241	0.0135	PCI/G	.00813		0.0065	V	0.01	0.70	2.70
47093	BH40774AE	BH	REAL	17-NOV-93	AMERICIUM-241	0.0157	PCI/G	.00835		0.0056	V	0.01	4.80	6.80
47093	BH40776AE	BH	REAL	18-NOV-93	AMERICIUM-241	0.0304	PCI/G	.011		0.0061	V	0.01	6.8	8.8
40993	BH40201AE	BH	REAL	03-MAR-93	CESIUM-134	0.0000	PCI/G			0.1100	Z	ND	0	6
40993	BH40206AE	BH	REAL	05-MAR-93	CESIUM-134	0.0000	PCI/G			0.0550	Z	ND	10	20
40993	BH40415AE	BH	REAL	05-MAR-93	CESIUM-134	0.0000	PCI/G			0.0600	Z	ND	20	31
40993	BH40416AE	BH	REAL	05-MAR-93	CESIUM-134	0.0000	PCI/G			0.0620	Z	ND	31	35
40993	BH40204AE	BH	REAL	03-MAR-93	CESIUM-134	0.0000	PCI/G			0.1100	Z	ND	6	10
41193	BH40049AE	BH	REAL	28-JAN-93	CESIUM-134	0.0090	PCI/G	0.23		0.2100	V	ND	0	6

Appendix II.Z-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41193	BH40052AE	BH	REAL	28-JAN-93	CESIUM-134	0.0030	PCI/G	0.105		0.1100	V	ND	6	8
41293	BH40196AE	BH	REAL	23-FEB-93	CESIUM-134	0.0050	PCI/G	0.079		0.1100	V	ND	0	3.3
41593	BH40417AE	BH	REAL	06-APR-93	CESIUM-134	0.0000	PCI/G			0.0950	Z	ND	0	2
41593	BH40418AE	BH	REAL	06-APR-93	CESIUM-134	0.0000	PCI/G			0.0990	Z	ND	0	4
41593	BH40419AE	BH	REAL	06-APR-93	CESIUM-134	0.0000	PCI/G			0.1000	Z	ND	4	6
41593	BH40424AE	BH	REAL	06-APR-93	CESIUM-134	0.0000	PCI/G			0.0850	Z	ND	4	7.9
41693	BH40217AE	BH	REAL	22-FEB-93	CESIUM-134	0.0070	PCI/G	0.096		0.1000	V	ND	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	CESIUM-134	0.0050	PCI/G	0.080		0.1100	V	ND	6	12
41793	BH40243AE	BH	REAL	19-FEB-93	CESIUM-134	0.0050	PCI/G	0.082		0.1200	V	ND	0	5
41793	BH40246AE	BH	REAL	22-FEB-93	CESIUM-134	0.0050	PCI/G	0.078		0.1100	V	ND	6	11
41993	BH40062AE	BH	REAL	13-JAN-93	CESIUM-134	0.0000	PCI/G			0.2000		ND	0	6
41993	BH40065AE	BH	REAL	14-JAN-93	CESIUM-134	0.0000	PCI/G			0.0800		ND	6	12
42193	BH40425AE	BH	REAL	19-MAR-93	CESIUM-134	0.0000	PCI/G			0.1500	Z	ND	0	2
42193	BH40426AE	BH	REAL	19-MAR-93	CESIUM-134	0.0000	PCI/G			0.0970	Z	ND	0	4
42193	BH40091AE	BH	REAL	30-MAR-93	CESIUM-134	0.0000	PCI/G			0.0860	Z	ND	16	22
42193	BH40430AE	BH	REAL	30-MAR-93	CESIUM-134	0.0000	PCI/G			0.0740	Z	ND	22	28.3
42193	BH40433AE	BH	REAL	31-MAR-93	CESIUM-134	0.0000	PCI/G			0.0730	Z	ND	28.3	31.3
42193	BH40427AE	BH	REAL	19-MAR-93	CESIUM-134	0.0000	PCI/G			0.1100	Z	ND	4	6
42193	BH40432AE	BH	REAL	19-MAR-93	CESIUM-134	0.0000	PCI/G			0.0770	Z	ND	4.0	9.9
42193	BH40086AE	BH	REAL	30-MAR-93	CESIUM-134	0.0000	PCI/G			0.0760	Z	ND	9.9	16
42293	BH40253AE	BH	REAL	15-APR-93	CESIUM-134	0.0003	PCI/G	.0221	J	0.0372	Z	ND	0.7	6.1
42293	BH40258AE	BH	REAL	20-APR-93	CESIUM-134	0.0021	PCI/G	.0243	J	0.0410	Z	ND	11.3	12.9
42293	BH40256AE	BH	REAL	15-APR-93	CESIUM-134	0.0053	PCI/G	.0312	J	0.0517	Z	ND	6.1	11.3
42393	BH40261AE	BH	REAL	27-JAN-93	CESIUM-134	0.0000	PCI/G			0.1100	Z	ND	0	6
42393	BH40264AE	BH	REAL	27-JAN-93	CESIUM-134	0.0000	PCI/G			0.1200	Z	ND	6	8.1
42493	BH40438AE	BH	REAL	23-MAR-93	CESIUM-134	0.0000	PCI/G			0.1100	Z	ND	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	CESIUM-134	0.0000	PCI/G			0.0990	Z	ND	0	4
42493	BH40440AE	BH	REAL	23-MAR-93	CESIUM-134	0.0000	PCI/G			0.1000	Z	ND	4	6
42493	BH40441AE	BH	REAL	23-MAR-93	CESIUM-134	0.0000	PCI/G			0.1000	Z	ND	4	8
42493	BH40445AE	BH	REAL	23-MAR-93	CESIUM-134	0.0000	PCI/G			0.1000	Z	ND	8	10.2
42593	BH40447AE	BH	REAL	16-MAR-93	CESIUM-134	0.0000	PCI/G			0.0750	Z	ND	0	4
42593	BH40446AE	BH	REAL	16-MAR-93	CESIUM-134	0.0000	PCI/G			0.0760	Z	ND	0.0	2.0
42593	BH40290AE	BH	REAL	26-MAR-93	CESIUM-134	0.0000	PCI/G			0.0740	Z	ND	10.2	16.8
42593	BH40448AE	BH	REAL	16-MAR-93	CESIUM-134	0.0000	PCI/G			0.0710	Z	ND	4	6
42593	BH40449AE	BH	REAL	16-MAR-93	CESIUM-134	0.0000	PCI/G			0.0800	Z	ND	4	8
42593	BH40450AE	BH	REAL	16-MAR-93	CESIUM-134	0.0000	PCI/G			0.0980	Z	ND	8	10.2
43193	BH40306AE	BH	REAL	12-FEB-93	CESIUM-134	0.0050	PCI/G	0.076		0.1000	V	ND	0.0	5.0
43193	BH40309AE	BH	REAL	15-FEB-93	CESIUM-134	0.0070	PCI/G	0.098		0.1100	V	ND	6.0	11.0
43393	BH40510AE	BH	REAL	18-MAR-93	CESIUM-134	0.0000	PCI/G			0.0980	Z	ND	0	2
43393	BH40511AE	BH	REAL	18-MAR-93	CESIUM-134	0.0000	PCI/G			0.1100	Z	ND	0	4
43393	BH40512AE	BH	REAL	18-MAR-93	CESIUM-134	0.0000	PCI/G			0.0880	Z	ND	4	5.4
43393	BH40517AE	BH	REAL	18-MAR-93	CESIUM-134	0.0000	PCI/G			0.1000	Z	ND	4	7.6
43393	BH40324AE	BH	REAL	18-MAR-93	CESIUM-134	0.0000	PCI/G			0.1000	Z	ND	7.6	12.6
43493	BH40319AE	BH	REAL	21-APR-93	CESIUM-134	-0.0070	PCI/G	.025	J	0.0410	Z	ND	0.5	5.3
43493	BH40322AE	BH	REAL	21-APR-93	CESIUM-134	0.0103	PCI/G	.0207	J	0.0353	Z	ND	5.3	11.3
43593	BH40180AE	BH	REAL	26-JAN-93	CESIUM-134	0.0000	PCI/G			0.1000	Z	ND	1	6
43693	BH40525AE	BH	REAL	25-MAR-93	CESIUM-134	0.0000	PCI/G			0.0960	Z	ND	10	13
43693	BH40521AE	BH	REAL	25-MAR-93	CESIUM-134	0.0000	PCI/G			0.1000	Z	ND	4	8
43693	BH40522AE	BH	REAL	25-MAR-93	CESIUM-134	0.0000	PCI/G			0.1000	Z	ND	8	10
43793	BH40332AE	BH	REAL	23-FEB-93	CESIUM-134	0.0050	PCI/G	0.085		0.1200	V	ND	0	6
43793	BH40335AE	BH	REAL	24-FEB-93	CESIUM-134	0.0070	PCI/G	0.098		0.1100	V	ND	6	11.5
43893	BH40070AE	BH	REAL	05-FEB-93	CESIUM-134	0.0030	PCI/G	0.102		0.0970	V	ND	0	6
43893	BH40073AE	BH	REAL	08-FEB-93	CESIUM-134	0.0030	PCI/G	0.102		0.1000	V	ND	6	12
44093	BH40348AE	BH	REAL	09-FEB-93	CESIUM-134	0.0000	PCI/G			0.1100	Z	ND	0	6
46593	BH40700AE	BH	REAL	06-NOV-93	CESIUM-134	-0.0064	PCI/G	.0134	J	0.0215	V	ND	0.75	2.75
46593	BH40713AE	BH	REAL	08-NOV-93	CESIUM-134	-0.0224	PCI/G	.0246	J	0.0385	V	ND	10.7	16.4
46593	BH40702AE	BH	REAL	06-NOV-93	CESIUM-134	0.0035	PCI/G	.0135	J	2.2130	Y	ND	2.75	4.75
46593	BH40703AE	BH	REAL	06-NOV-93	CESIUM-134	0.0007	PCI/G	.0132	J	0.0215	V	ND	4.75	6.75

Appendix II.Z-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
46593	BH40705AE	BH	REAL	08-NOV-93	CESIUM-134	-0.0117	PCI/G	.0173	J	0.0268	V	ND	4.75	8.75
46593	BH40711AE	BH	REAL	08-NOV-93	CESIUM-134	0.0085	PCI/G	.0148	J	0.0254	V	ND	8.75	10.7
46693	BH40715AE	BH	REAL	08-NOV-93	CESIUM-134	-0.0002	PCI/G	.0151	J	2.5530	Y	ND	0.5	2.25
46693	BH40717AE	BH	REAL	08-NOV-93	CESIUM-134	-0.0070	PCI/G	.0128	J	2.0470	Y	ND	2.25	4.25
46693	BH40718AE	BH	REAL	09-NOV-93	CESIUM-134	-0.0059	PCI/G	.0163	J	0.0262	V	ND	4.6	6.6
46693	BH40726AE	BH	REAL	09-NOV-93	CESIUM-134	-0.0093	PCI/G	.0177	J	0.0290	V	ND	6.6	7.6
46693	BH40728AE	BH	REAL	09-NOV-93	CESIUM-134	-0.0147	PCI/G	.0175	J	0.0273	V	ND	8.6	14.8
46793	BH40729AE	BH	REAL	10-NOV-93	CESIUM-134	-0.0017	PCI/G	.0144	J	0.0236	V	ND	0.50	2.50
46793	BH40731AE	BH	REAL	10-NOV-93	CESIUM-134	-0.0043	PCI/G	.0147	J	0.0240	V	ND	2.50	4.50
46793	BH40732AE	BH	REAL	10-NOV-93	CESIUM-134	0.0097	PCI/G	.0145	X	0.0250	V	ND	4.50	6.50
46793	BH40740AE	BH	REAL	10-NOV-93	CESIUM-134	0.0108	PCI/G	.0142	X	0.0240	V	ND	6.50	8.50
46793	BH40742AE	BH	REAL	10-NOV-93	CESIUM-134	0.0077	PCI/G	.0138	J	0.0224	V	ND	8.50	14.7
46893	BH40743AE	BH	REAL	19-NOV-93	CESIUM-134	0.0025	PCI/G	.0124	J	0.0207	V	ND	0.50	2.50
46893	BH40754AE	BH	REAL	19-NOV-93	CESIUM-134	-0.0172	PCI/G	.0176	J	0.0280	V	ND	11.5	12.5
46893	BH40745AE	BH	REAL	19-NOV-93	CESIUM-134	0.0122	PCI/G	.0118	J	0.0208	V	ND	2.50	4.60
46893	BH40746AE	BH	REAL	19-NOV-93	CESIUM-134	-0.0138	PCI/G	.0124	J	0.0199	V	ND	4.60	6.60
46893	BH40748AE	BH	REAL	19-NOV-93	CESIUM-134	-0.0044	PCI/G	.0135	J	0.0220	V	ND	6.60	8.60
46893	BH40749AE	BH	REAL	19-NOV-93	CESIUM-134	-0.0043	PCI/G	.013	J	0.0210	V	ND	8.60	10.6
46993	BH40757AE	BH	REAL	22-NOV-93	CESIUM-134	0.0123	PCI/G	.0122	J	0.0214	V	ND	1.30	3.10
46993	BH40759AE	BH	REAL	22-NOV-93	CESIUM-134	-0.0076	PCI/G	.0122	J	0.0190	V	ND	3.30	5.0
46993	BH40768AE	BH	REAL	22-NOV-93	CESIUM-134	-0.0315	PCI/G	.0198	J	0.0298	V	ND	5.50	7.00
46993	BH40770AE	BH	REAL	22-NOV-93	CESIUM-134	-0.0057	PCI/G	.0136	J	0.0110	V	ND	7.20	13.1
47093	BH40771AE	BH	REAL	17-NOV-93	CESIUM-134	-0.0075	PCI/G	.0134	J	0.0220	V	ND	0.70	2.70
47093	BH40773AE	BH	REAL	17-NOV-93	CESIUM-134	0.0027	PCI/G	.0127	X	0.0210	V	ND	2.70	4.70
47093	BH40774AE	BH	REAL	17-NOV-93	CESIUM-134	0.0116	PCI/G	.0137	X	0.0240	V	ND	4.80	6.80
47093	BH40776AE	BH	REAL	18-NOV-93	CESIUM-134	-0.0013	PCI/G	.0101	J	0.0160	V	ND	6.8	8.8
41793	BH40243AE	BH	REAL	19-FEB-93	CESIUM-137	0.4200	PCI/G	0.15	J	0.1800	V	0.166	0	5
43793	BH40332AE	BH	REAL	23-FEB-93	CESIUM-137	0.4000	PCI/G	0.25	J	0.3500	V	0.166	0	6
40293	BH40118AE	BH	REAL	20-JAN-93	GROSS BETA	37.0000	PCI/G	5.2		5.7000	A	27.99	0	2.9
40593	BH40400AE	BH	REAL	27-JAN-93	GROSS BETA	29.0000	PCI/G	4.7		5.4000	A	27.99	18.0	24.0
40993	BH40201AE	BH	REAL	03-MAR-93	GROSS BETA	35.0000	PCI/G	5.1		5.7000	V	27.99	0	6
40993	BH40204AE	BH	REAL	03-MAR-93	GROSS BETA	31.0000	PCI/G	4.8		5.2000	V	27.99	6	10
41193	BH40049AE	BH	REAL	28-JAN-93	GROSS BETA	33.0000	PCI/G	4.7	B	4.9000	A	27.99	0	6
41193	BH40052AE	BH	REAL	28-JAN-93	GROSS BETA	42.0000	PCI/G	5.3	B	5.3000	A	27.99	6	8
41593	BH40417AE	BH	REAL	06-APR-93	GROSS BETA	46.0000	PCI/G	5.0		4.8000	V	27.99	0	2
41593	BH40418AE	BH	REAL	06-APR-93	GROSS BETA	40.0000	PCI/G	4.9		5.0000	V	27.99	0	4
41693	BH40217AE	BH	REAL	22-FEB-93	GROSS BETA	33.0000	PCI/G	4.4		4.6000	V	27.99	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	GROSS BETA	28.0000	PCI/G	4.5		4.9000	V	27.99	6	12
41793	BH40246AE	BH	REAL	22-FEB-93	GROSS BETA	30.0000	PCI/G	4.5		4.6000	V	27.99	6	11
42093	BH40483AE	BH	REAL	08-JAN-93	GROSS BETA	30.2700	PCI/G	3.42		2.5100	V	27.99	0	6
42193	BH40425AE	BH	REAL	19-MAR-93	GROSS BETA	35.0000	PCI/G	4.4		4.5000	V	27.99	0	2
42193	BH40427AE	BH	REAL	19-MAR-93	GROSS BETA	30.0000	PCI/G	4.3		4.6000	V	27.99	4	6
42293	BH40253AE	BH	REAL	15-APR-93	GROSS BETA	45.0400	PCI/G	4.43		2.0730	V	27.99	0.7	6.1
42293	BH40256AE	BH	REAL	15-APR-93	GROSS BETA	33.7700	PCI/G	3.63		1.9430	V	27.99	6.1	11.3
42393	BH40261AE	BH	REAL	27-JAN-93	GROSS BETA	50.0000	PCI/G	6		6.4000	A	27.99	0	6
42393	BH40264AE	BH	REAL	27-JAN-93	GROSS BETA	55.0000	PCI/G	5.7		4.9000	A	27.99	6	8.1
42493	BH40440AE	BH	REAL	23-MAR-93	GROSS BETA	31.0000	PCI/G	4.4		4.8000	A	27.99	4	6
42493	BH40441AE	BH	REAL	23-MAR-93	GROSS BETA	28.0000	PCI/G	4.5		5.0000	A	27.99	4	8
42593	BH40446AE	BH	REAL	16-MAR-93	GROSS BETA	52.0000	PCI/G	4.5		3.4000	V	27.99	0.0	2.0
42593	BH40448AE	BH	REAL	16-MAR-93	GROSS BETA	32.0000	PCI/G	4.1		4.2000	V	27.99	4	6
42593	BH40449AE	BH	REAL	16-MAR-93	GROSS BETA	28.0000	PCI/G	4.2		4.7000	V	27.99	4	8
42993	BH40141AE	BH	REAL	20-JAN-93	GROSS BETA	31.9000	PCI/G	6.8		2.7000	A	27.99	1	6
43193	BH40306AE	BH	REAL	12-FEB-93	GROSS BETA	36.0000	PCI/G	5.1		5.5000	V	27.99	0.0	5.0
43193	BH40309AE	BH	REAL	15-FEB-93	GROSS BETA	37.0000	PCI/G	5.2		5.5000	V	27.99	6.0	11.0
43293	BH40041AE	BH	REAL	29-JAN-93	GROSS BETA	40.0000	PCI/G	5		4.8000	A	27.99	0	6
43293	BH40044AE	BH	REAL	29-JAN-93	GROSS BETA	45.0000	PCI/G	5		4.6000	A	27.99	6	10

Appendix II.Z-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
43393	BH40510AE	BH	REAL	18-MAR-93	GROSS BETA	30.0000	PCI/G	4.5		5.0000	V	27.99	0	2
43393	BH40511AE	BH	REAL	18-MAR-93	GROSS BETA	45.0000	PCI/G	4.9		4.6000	V	27.99	0	4
43593	BH40180AE	BH	REAL	26-JAN-93	GROSS BETA	46.0000	PCI/G	5.8		6.3000	A	27.99	1	6
43693	BH40518AE	BH	REAL	24-MAR-93	GROSS BETA	31.4200	PCI/G	3.49		2.0200	V	27.99	0	2
43793	BH40332AE	BH	REAL	23-FEB-93	GROSS BETA	37.0000	PCI/G	4.9		5.0000	V	27.99	0	6
43793	BH40335AE	BH	REAL	24-FEB-93	GROSS BETA	35.0000	PCI/G	4.9		5.0000	V	27.99	6	11.5
43893	BH40073AE	BH	REAL	08-FEB-93	GROSS BETA	34.0000	PCI/G	5.0	B	5.3000	A	27.99	6	12
44093	BH40348AE	BH	REAL	09-FEB-93	GROSS BETA	42.0000	PCI/G	5.3		5.2000	A	27.99	0	6
44193	BH40081AE	BH	REAL	21-DEC-92	GROSS BETA	30.9000	PCI/G	6.6		2.8000	A	27.99	6	12
44393	BH40033AE	BH	REAL	08-FEB-93	GROSS BETA	30.0000	PCI/G	5.0	B	5.7000	A	27.99	0.0	5.0
44893	BH40191AE	BH	REAL	14-JAN-93	GROSS BETA	30.3000	PCI/G	6.5		2.7000	A	27.99	6.2	12.2
46593	BH40703AE	BH	REAL	06-NOV-93	GROSS BETA	31.0700	PCI/G	3.47		2.0603	V	27.99	4.75	6.75
46693	BH40715AE	BH	REAL	08-NOV-93	GROSS BETA	45.9600	PCI/G	4.49		2.1020	Y	27.99	0.5	2.25
46693	BH40717AE	BH	REAL	08-NOV-93	GROSS BETA	35.3200	PCI/G	3.74		1.9423	Y	27.99	2.25	4.25
46693	BH40718AE	BH	REAL	09-NOV-93	GROSS BETA	33.0400	PCI/G	3.58		1.9430	V	27.99	4.6	6.6
46693	BH40726AE	BH	REAL	09-NOV-93	GROSS BETA	32.4100	PCI/G	3.54		1.9599	V	27.99	6.6	7.6
46693	BH40728AE	BH	REAL	09-NOV-93	GROSS BETA	37.9600	PCI/G	3.94		2.0603	V	27.99	8.6	14.8
46793	BH40742AE	BH	REAL	10-NOV-93	GROSS BETA	28.1800	PCI/G	3.24		1.9226	V	27.99	8.50	14.7
46893	BH40748AE	BH	REAL	19-NOV-93	GROSS BETA	29.9800	PCI/G	3.39		2.0331	V	27.99	6.60	8.60
46993	BH40757AE	BH	REAL	22-NOV-93	GROSS BETA	42.6100	PCI/G	4.26		2.0374	V	27.99	1.30	3.10
46993	BH40759AE	BH	REAL	22-NOV-93	GROSS BETA	32.0900	PCI/G	3.55		2.1209	V	27.99	3.30	5.0
46993	BH40768AE	BH	REAL	22-NOV-93	GROSS BETA	37.9200	PCI/G	3.93		2.0047	V	27.99	5.50	7.00
47093	BH40774AE	BH	REAL	17-NOV-93	GROSS BETA	33.2200	PCI/G	3.61		2.0015	V	27.99	4.80	6.80
40993	BH40201AE	BH	REAL	03-MAR-93	PLUTONIUM-239/240	1.6000	PCI/G	.24		0.0020	A	0.02	0	6
40993	BH40204AE	BH	REAL	03-MAR-93	PLUTONIUM-239/240	0.0390	PCI/G	.022		0.0080	A	0.02	6	10
41193	BH40049AE	BH	REAL	28-JAN-93	PLUTONIUM-239/240	0.3900	PCI/G	.11		0.0140	V	0.02	0	6
41193	BH40052AE	BH	REAL	28-JAN-93	PLUTONIUM-239/240	0.8300	PCI/G	.18		0.0100	V	0.02	6	8
41293	BH40196AE	BH	REAL	23-FEB-93	PLUTONIUM-239/240	0.2800	PCI/G	.066		0.0030	V	0.02	0	3.3
41593	BH40417AE	BH	REAL	06-APR-93	PLUTONIUM-239/240	1.0000	PCI/G	.16		0.0020	V	0.02	0	2
41593	BH40418AE	BH	REAL	06-APR-93	PLUTONIUM-239/240	0.0370	PCI/G	.032		0.0170	V	0.02	0	4
41693	BH40217AE	BH	REAL	22-FEB-93	PLUTONIUM-239/240	3.0000	PCI/G	.4		0.0040	V	0.02	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	PLUTONIUM-239/240	0.2900	PCI/G	.07		0.0080	V	0.02	6	12
41793	BH40243AE	BH	REAL	19-FEB-93	PLUTONIUM-239/240	2.9000	PCI/G	.64		0.0370	V	0.02	0	5
41993	BH40062AE	BH	REAL	13-JAN-93	PLUTONIUM-239/240	0.1800	PCI/G	.022		0.0040	A	0.02	0	6
42193	BH40425AE	BH	REAL	19-MAR-93	PLUTONIUM-239/240	0.0580	PCI/G	.028	B	0.0040	A	0.02	0	2
42293	BH40253AE	BH	REAL	15-APR-93	PLUTONIUM-239/240	0.4016	PCI/G	.0552		0.0026	A	0.02	0.7	6.1
42393	BH40261AE	BH	REAL	27-JAN-93	PLUTONIUM-239/240	0.7500	PCI/G	.13	B	0.0030	A	0.02	0	6
42393	BH40264AE	BH	REAL	27-JAN-93	PLUTONIUM-239/240	0.1500	PCI/G	.066	B	0.0070	A	0.02	6	8.1
42493	BH40438AE	BH	REAL	23-MAR-93	PLUTONIUM-239/240	0.1100	PCI/G	.032		0.0020	V	0.02	0	2
42593	BH40447AE	BH	REAL	16-MAR-93	PLUTONIUM-239/240	0.0460	PCI/G	.026		0.0150	V	0.02	0	4
42593	BH40446AE	BH	REAL	16-MAR-93	PLUTONIUM-239/240	0.2900	PCI/G	.064		0.0070	V	0.02	0.0	2.0
43193	BH40306AE	BH	REAL	12-FEB-93	PLUTONIUM-239/240	1.3000	PCI/G	.18		0.0020	V	0.02	0.0	5.0
43393	BH40510AE	BH	REAL	18-MAR-93	PLUTONIUM-239/240	0.0980	PCI/G	.032	B	0.0020	A	0.02	0	2
43493	BH40319AE	BH	REAL	21-APR-93	PLUTONIUM-239/240	0.2417	PCI/G	.0421		0.0034	V	0.02	0.5	5.3
43593	BH40180AE	BH	REAL	26-JAN-93	PLUTONIUM-239/240	25.0000	PCI/G	2.9	B	0.0040	A	0.02	1	6
43693	BH40518AE	BH	REAL	24-MAR-93	PLUTONIUM-239/240	0.9876	PCI/G	.144		0.0059	A	0.02	0	2
43793	BH40332AE	BH	REAL	23-FEB-93	PLUTONIUM-239/240	4.0000	PCI/G	.49		0.0050	V	0.02	0	6
43793	BH40335AE	BH	REAL	24-FEB-93	PLUTONIUM-239/240	0.0260	PCI/G	.014	J	0.0020	V	0.02	6	11.5
43893	BH40070AE	BH	REAL	05-FEB-93	PLUTONIUM-239/240	0.6100	PCI/G	.1	B	0.0020	V	0.02	0	6
43893	BH40073AE	BH	REAL	08-FEB-93	PLUTONIUM-239/240	0.1400	PCI/G	.048	B	0.0040	V	0.02	6	12
43993	BH40353AE	BH	REAL	10-FEB-93	PLUTONIUM-239/240	0.1369	PCI/G	.0288		0.0100	A	0.02	0	6
44093	BH40348AE	BH	REAL	09-FEB-93	PLUTONIUM-239/240	0.0480	PCI/G	.022	B	0.0070	A	0.02	0	6
44793	BH40133AE	BH	REAL	12-JAN-93	PLUTONIUM-239/240	0.1623	PCI/G	.0291		0.0070	A	0.02	0	2.5
46593	BH40700AE	BH	REAL	06-NOV-93	PLUTONIUM-239/240	0.9232	PCI/G	.12		0.0077	A	0.02	0.75	2.75
46593	BH40702AE	BH	REAL	06-NOV-93	PLUTONIUM-239/240	0.0214	PCI/G	.00977		0.0029	Y	0.02	2.75	4.75
46593	BH40703AE	BH	REAL	06-NOV-93	PLUTONIUM-239/240	0.0431	PCI/G	.023		0.0222	A	0.02	4.75	6.75
46693	BH40715AE	BH	REAL	08-NOV-93	PLUTONIUM-239/240	0.7060	PCI/G	.115		0.0222	Y	0.02	0.5	2.25

Appendix II.Z-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
46693	BH40717AE	BH	REAL	08-NOV-93	PLUTONIUM-239/240	0.0493	PCI/G	.0206		0.0163	Y	0.02	2.25	4.25
46793	BH40729AE	BH	REAL	10-NOV-93	PLUTONIUM-239/240	0.0449	PCI/G	.0212		0.0064	V	0.02	0.50	2.50
46893	BH40743AE	BH	REAL	19-NOV-93	PLUTONIUM-239/240	0.0382	PCI/G	.0134		0.0078	A	0.02	0.50	2.50
46993	BH40757AE	BH	REAL	22-NOV-93	PLUTONIUM-239/240	0.0799	PCI/G	.0206		0.0082	A	0.02	1.30	3.10
40993	BH40201AE	BH	REAL	03-MAR-93	RADIUM-226	1.1000	PCI/G	0.30		0.3400	V	0.65	0	6
40993	BH40416AE	BH	REAL	05-MAR-93	RADIUM-226	0.9300	PCI/G	0.17		0.2100	V	0.65	31	35
40993	BH40204AE	BH	REAL	03-MAR-93	RADIUM-226	0.6700	PCI/G	0.27		0.3600	V	0.65	6	10
41293	BH40196AE	BH	REAL	23-FEB-93	RADIUM-226	0.8400	PCI/G	0.28		0.3500	V	0.65	0	3.3
41593	BH40417AE	BH	REAL	06-APR-93	RADIUM-226	0.8800	PCI/G	0.33		0.4500	V	0.65	0	2
41593	BH40418AE	BH	REAL	06-APR-93	RADIUM-226	0.6900	PCI/G	0.34		0.4900	V	0.65	0	4
41693	BH40217AE	BH	REAL	22-FEB-93	RADIUM-226	0.8200	PCI/G	0.29		0.3700	V	0.65	0	6
42193	BH40425AE	BH	REAL	19-MAR-93	RADIUM-226	1.0000	PCI/G	0.43		0.5400	V	0.65	0	2
42193	BH40426AE	BH	REAL	19-MAR-93	RADIUM-226	0.7300	PCI/G	0.26		0.3400	V	0.65	0	4
42193	BH40091AE	BH	REAL	30-MAR-93	RADIUM-226	0.8900	PCI/G	0.23		0.2600	V	0.65	16	22
42193	BH40430AE	BH	REAL	30-MAR-93	RADIUM-226	0.8400	PCI/G	0.24		0.3000	V	0.65	22	28.3
42193	BH40433AE	BH	REAL	31-MAR-93	RADIUM-226	0.8900	PCI/G	0.24		0.3200	V	0.65	28.3	31.3
42193	BH40086AE	BH	REAL	30-MAR-93	RADIUM-226	0.7000	PCI/G	0.21		0.2800	V	0.65	9.9	16
42293	BH40256AE	BH	REAL	15-APR-93	RADIUM-226	0.6753	PCI/G	.138	X	0.0800	R	0.65	6.1	11.3
42393	BH40261AE	BH	REAL	27-JAN-93	RADIUM-226	0.9400	PCI/G	0.29		0.3900	A	0.65	0	6
42393	BH40264AE	BH	REAL	27-JAN-93	RADIUM-226	1.1000	PCI/G	0.31		0.4200	A	0.65	6	8.1
42493	BH40438AE	BH	REAL	23-MAR-93	RADIUM-226	1.1000	PCI/G	.29		0.3500		0.65	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	RADIUM-226	0.8600	PCI/G	.28		0.3700		0.65	0	4
42493	BH40445AE	BH	REAL	23-MAR-93	RADIUM-226	0.6600	PCI/G	.25		0.3300		0.65	8	10.2
42593	BH40446AE	BH	REAL	16-MAR-93	RADIUM-226	0.9300	PCI/G	0.25		0.3300	V	0.65	0.0	2.0
42593	BH40290AE	BH	REAL	26-MAR-93	RADIUM-226	0.9000	PCI/G	0.21		0.2600	V	0.65	10.2	16.8
43393	BH40510AE	BH	REAL	18-MAR-93	RADIUM-226	0.8000	PCI/G	0.29		0.3800	V	0.65	0	2
43393	BH40517AE	BH	REAL	18-MAR-93	RADIUM-226	1.9000	PCI/G	0.32		0.3600	V	0.65	4	7.6
43393	BH40324AE	BH	REAL	18-MAR-93	RADIUM-226	0.8400	PCI/G	0.33		0.4500	V	0.65	7.6	12.6
43593	BH40180AE	BH	REAL	26-JAN-93	RADIUM-226	0.7500	PCI/G	0.26		0.3600	A	0.65	1	6
43693	BH40525AE	BH	REAL	25-MAR-93	RADIUM-226	1.0000	PCI/G	.31		0.4100		0.65	10	13
43693	BH40520AE	BH	REAL	24-MAR-93	RADIUM-226	0.8360	PCI/G	.127	X	0.0980	R	0.65	4	6
43793	BH40332AE	BH	REAL	23-FEB-93	RADIUM-226	0.8500	PCI/G	0.29		0.3700	V	0,65	0	6
43893	BH40070AE	BH	REAL	05-FEB-93	RADIUM-226	0.9300	PCI/G	0.28		0.3700	A	0.65	0	6
43993	BH40353AE	BH	REAL	10-FEB-93	RADIUM-226	0.6609	PCI/G	.112	X	0.1010	R	0.65	0	6
44093	BH40348AE	BH	REAL	09-FEB-93	RADIUM-226	0.7500	PCI/G	0.22		0.3000	A	0.65	0	6
44793	BH40133AE	BH	REAL	12-JAN-93	RADIUM-226	0.7531	PCI/G	.123		0.2070	R	0.65	0	2.5
46593	BH40700AE	BH	REAL	06-NOV-93	RADIUM-226	1.8220	PCI/G	.423	X	0.1910	V	0.65	0.75	2.75
46593	BH40713AE	BH	REAL	08-NOV-93	RADIUM-226	1.9540	PCI/G	.729	X	0.3260	V	0.65	10.7	16.4
46593	BH40702AE	BH	REAL	06-NOV-93	RADIUM-226	1.0000	PCI/G	.395	X	0.0000	Y	0.65	2.75	4.75
46593	BH40703AE	BH	REAL	06-NOV-93	RADIUM-226	1.5850	PCI/G	.398	X	0.1920	V	0.65	4.75	6.75
46593	BH40705AE	BH	REAL	08-NOV-93	RADIUM-226	1.8930	PCI/G	.549	X	0.2580	V	0.65	4.75	8.75
46593	BH40711AE	BH	REAL	08-NOV-93	RADIUM-226	1.7130	PCI/G	.488	X	0.2280	V	0.65	8.75	10.7
46693	BH40715AE	BH	REAL	08-NOV-93	RADIUM-226	5.8880	PCI/G	.856	X	0.0000	Y	0.65	0.5	2.25
46693	BH40717AE	BH	REAL	08-NOV-93	RADIUM-226	1.2430	PCI/G	.387	X	0.0000	Y	0.65	2.25	4.25
46693	BH40718AE	BH	REAL	09-NOV-93	RADIUM-226	2.1130	PCI/G	.505	X	0.2340	V	0.65	4.6	6.6
46693	BH40726AE	BH	REAL	09-NOV-93	RADIUM-226	3.2760	PCI/G	.638	X	0.2690	V	0.65	6.6	7.6
46693	BH40728AE	BH	REAL	09-NOV-93	RADIUM-226	2.6770	PCI/G	.619	X	0.2290	V	0.65	8.6	14.8
46793	BH40729AE	BH	REAL	10-NOV-93	RADIUM-226	3.0720	PCI/G	.62	X	0.2330	A	0.65	0.50	2.50
46793	BH40731AE	BH	REAL	10-NOV-93	RADIUM-226	2.0690	PCI/G	.634	X	0.2160	A	0.65	2.50	4.50
46793	BH40732AE	BH	REAL	10-NOV-93	RADIUM-226	2.2430	PCI/G	.55	X	0.1980	A	0.65	4.50	6.50
46793	BH40740AE	BH	REAL	10-NOV-93	RADIUM-226	1.9180	PCI/G	.456	X	0.2340	A	0.65	6.50	8.50
46793	BH40742AE	BH	REAL	10-NOV-93	RADIUM-226	2.3370	PCI/G	.524	X	0.2170	A	0.65	8.50	14.7
46893	BH40743AE	BH	REAL	19-NOV-93	RADIUM-226	0.9226	PCI/G	.45	X	0.1870	A	0.65	0.50	2.50
46893	BH40754AE	BH	REAL	19-NOV-93	RADIUM-226	2.0750	PCI/G	.561	X	0.2410	A	0.65	11.5	12.5
46893	BH40745AE	BH	REAL	19-NOV-93	RADIUM-226	1.0700	PCI/G	.386	X	0.1780	A	0.65	2.50	4.60
46893	BH40746AE	BH	REAL	19-NOV-93	RADIUM-226	0.9510	PCI/G	.36	X	0.1620	A	0.65	4.60	6.60
46893	BH40748AE	BH	REAL	19-NOV-93	RADIUM-226	1.6230	PCI/G	.441	X	0.1900	A	0.65	6.60	8.60

Appendix II.2-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
46893	BH40749AE	BH	REAL	19-NOV-93	RADIUM-226	1.5070	PCI/G	.398	X	0.1790	A	0.65	8.60	10.6
46993	BH40757AE	BH	REAL	22-NOV-93	RADIUM-226	4.5380	PCI/G	.644	X	0.1930	A	0.65	1.30	3.10
46993	BH40759AE	BH	REAL	22-NOV-93	RADIUM-226	2.8640	PCI/G	.524	X	0.1810	A	0.65	3.30	5.0
46993	BH40768AE	BH	REAL	22-NOV-93	RADIUM-226	6.8380	PCI/G	.92	X	0.2650	A	0.65	5.50	7.00
46993	BH40770AE	BH	REAL	22-NOV-93	RADIUM-226	1.5650	PCI/G	.448	X	0.1860	A	0.65	7.20	13.1
47093	BH40771AE	BH	REAL	17-NOV-93	RADIUM-226	1.1640	PCI/G	.402	X	0.2080	A	0.65	0.70	2.70
47093	BH40773AE	BH	REAL	17-NOV-93	RADIUM-226	1.1010	PCI/G	.364	X	0.2100	A	0.65	2.70	4.70
47093	BH40774AE	BH	REAL	17-NOV-93	RADIUM-226	1.3010	PCI/G	.456	X	0.2040	A	0.65	4.80	6.80
47093	BH40776AE	BH	REAL	18-NOV-93	RADIUM-226	1.1500	PCI/G	.35	X	0.1470	A	0.65	6.8	8.8
42193	BH40432AE	BH	REAL	19-MAR-93	STRONTIUM-89,90	0.6700	PCI/G	0.26	J	0.3400	V	0.54	4.0	9.9
42293	BH40253AE	BH	REAL	15-APR-93	STRONTIUM-89,90	0.6828	PCI/G	.178		0.0384	A	0.54	0.7	6.1
42393	BH40264AE	BH	REAL	27-JAN-93	STRONTIUM-89,90	0.8000	PCI/G	0.40	J	0.5500	JA	0.54	6	8.1
42593	BH40446AE	BH	REAL	16-MAR-93	STRONTIUM-89,90	0.7400	PCI/G	0.32	J	0.4200	V	0.54	0.0	2.0
43193	BH40306AE	BH	REAL	12-FEB-93	STRONTIUM-89,90	0.6200	PCI/G	0.40	J	0.5700	JA	0.54	0.0	5.0
43193	BH40309AE	BH	REAL	15-FEB-93	STRONTIUM-89,90	0.8800	PCI/G	0.26	BJ	0.3100	A	0.54	6.0	11.0
43693	BH40518AE	BH	REAL	24-MAR-93	STRONTIUM-89,90	0.5517	PCI/G	.148		0.0399	V	0.54	0	2
46693	BH40728AE	BH	REAL	09-NOV-93	STRONTIUM-89,90	0.6411	PCI/G	.168		0.0412	A	0.54	8.6	14.8
46793	BH40732AE	BH	REAL	10-NOV-93	STRONTIUM-89,90	0.7136	PCI/G	.193		0.0377	A	0.54	4.50	6.50
46893	BH40745AE	BH	REAL	19-NOV-93	STRONTIUM-89,90	0.6400	PCI/G	.045		0.0610	A	0.54	2.50	4.60
46893	BH40746AE	BH	REAL	19-NOV-93	STRONTIUM-89,90	0.7258	PCI/G	.181		0.0638	A	0.54	4.60	6.60
46993	BH40757AE	BH	REAL	22-NOV-93	STRONTIUM-89,90	0.6789	PCI/G	.182		0.0385	A	0.54	1.30	3.10
40093	BH40170AE	BH	REAL	14-JAN-93	TRITIUM	277.0000	PCI/L	123		190.0000	JA	212.2	6	8.4
40193	BH40490AE	BH	REAL	06-JAN-93	TRITIUM	408.0000	PCI/L	549		930.0000	JA	212.2	6	12
40293	BH40118AE	BH	REAL	20-JAN-93	TRITIUM	520.0000	PCI/L	310		490.0000	A	212.2	0	2.9
40593	BH40128AE	BH	REAL	26-JAN-93	TRITIUM	400.0000	PCI/L	250		380.0000	A	212.2	0.0	5.0
40593	BH40400AE	BH	REAL	27-JAN-93	TRITIUM	1400.0000	PCI/L	370		510.0000	A	212.2	18.0	24.0
40593	BH40131AE	BH	REAL	26-JAN-93	TRITIUM	980.0000	PCI/L	370		570.0000	JA	212.2	6	11
40793	BH40160AE	BH	REAL	02-MAR-93	TRITIUM	1100.0000	PCI/L	280	B	360.0000	A	212.2	6.0	8.1
40793	BH40414AE	BH	REAL	02-MAR-93	TRITIUM	770.0000	PCI/L	310		460.0000	A	212.2	8.1	13.0
40893	BH40030AE	BH	REAL	15-DEC-92	TRITIUM	2390.0000	PCI/L	360		200.0000	JA	212.2	0	7
40993	BH40201AE	BH	REAL	03-MAR-93	TRITIUM	670.0000	PCI/L	250	B	360.0000	A	212.2	0	6
40993	BH40206AE	BH	REAL	05-MAR-93	TRITIUM	2900.0000	PCI/L	350	B	360.0000	A	212.2	10	20
40993	BH40415AE	BH	REAL	05-MAR-93	TRITIUM	3100.0000	PCI/L	360	B	360.0000	A	212.2	20	31
40993	BH40204AE	BH	REAL	03-MAR-93	TRITIUM	440.0000	PCI/L	240	B	360.0000	A	212.2	6	10
41193	BH40052AE	BH	REAL	28-JAN-93	TRITIUM	2400.0000	PCI/L	340		370.0000	A	212.2	6	8
41593	BH40417AE	BH	REAL	06-APR-93	TRITIUM	12000.0000	PCI/L	720		500.0000	A	212.2	0	2
41593	BH40418AE	BH	REAL	06-APR-93	TRITIUM	16000.0000	PCI/L	740		420.0000	A	212.2	0	4
41593	BH40419AE	BH	REAL	06-APR-93	TRITIUM	11000.0000	PCI/L	620		420.0000	A	212.2	4	6
41593	BH40424AE	BH	REAL	06-APR-93	TRITIUM	8000.0000	PCI/L	520		380.0000	A	212.2	4	7.9
41693	BH40217AE	BH	REAL	22-FEB-93	TRITIUM	810.0000	PCI/L	290	B	410.0000	A	212.2	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	TRITIUM	1200.0000	PCI/L	290	B	390.0000	A	212.2	6	12
41793	BH40243AE	BH	REAL	19-FEB-93	TRITIUM	1000.0000	PCI/L	380		590.0000	A	212.2	0	5
41793	BH40246AE	BH	REAL	22-FEB-93	TRITIUM	3900.0000	PCI/L	400	B	390.0000	A	212.2	6	11
42193	BH40425AE	BH	REAL	19-MAR-93	TRITIUM	41000.0000	PCI/L	1100		390.0000	A	212.2	0	2
42193	BH40426AE	BH	REAL	19-MAR-93	TRITIUM	34000.0000	PCI/L	970		330.0000	A	212.2	0	4
42193	BH40091AE	BH	REAL	30-MAR-93	TRITIUM	1100.0000	PCI/L	230	B	250.0000	A	212.2	16	22
42193	BH40430AE	BH	REAL	30-MAR-93	TRITIUM	590.0000	PCI/L	200	B	250.0000	A	212.2	22	28.3
42193	BH40433AE	BH	REAL	31-MAR-93	TRITIUM	760.0000	PCI/L	210	B	250.0000	A	212.2	28.3	31.3
42193	BH40427AE	BH	REAL	19-MAR-93	TRITIUM	28000.0000	PCI/L	910		360.0000	A	212.2	4	6
42193	BH40432AE	BH	REAL	19-MAR-93	TRITIUM	1200.0000	PCI/L	270		340.0000	A	212.2	4.0	9.9
42193	BH40086AE	BH	REAL	30-MAR-93	TRITIUM	1300.0000	PCI/L	240	B	250.0000	A	212.2	9.9	16
42293	BH40258AE	BH	REAL	20-APR-93	TRITIUM	3168.0000	PCI/L	407		248.2000	V	212.2	11.3	12.9
42293	BH40256AE	BH	REAL	15-APR-93	TRITIUM	1952.0000	PCI/L	327		248.2000	V	212.2	6.1	11.3
42393	BH40261AE	BH	REAL	27-JAN-93	TRITIUM	1300.0000	PCI/L	300		400.0000	A	212.2	0	6
42493	BH40438AE	BH	REAL	23-MAR-93	TRITIUM	10000.0000	PCI/L	600		410.0000	A	212.2	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	TRITIUM	7000.0000	PCI/L	490		380.0000	A	212.2	0	4

Appendix II.2-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
42493	BH40440AE	BH	REAL	23-MAR-93	TRITIUM	1100.0000	PCI/L	280		370.0000	A	212.2	4	6
42493	BH40441AE	BH	REAL	23-MAR-93	TRITIUM	440.0000	PCI/L	250		370.0000	A	212.2	4	8
42593	BH40447AE	BH	REAL	16-MAR-93	TRITIUM	11000.0000	PCI/L	600		380.0000	A	212.2	0	4
42593	BH40446AE	BH	REAL	16-MAR-93	TRITIUM	12000.0000	PCI/L	630		400.0000	A	212.2	0.0	2.0
42593	BH40290AE	BH	REAL	26-MAR-93	TRITIUM	790.0000	PCI/L	210	B	250.0000	A	212.2	10.2	16.8
42593	BH40448AE	BH	REAL	16-MAR-93	TRITIUM	6700.0000	PCI/L	480		380.0000	A	212.2	4	6
42593	BH40449AE	BH	REAL	16-MAR-93	TRITIUM	5100.0000	PCI/L	430		370.0000	A	212.2	4	8
42593	BH40450AE	BH	REAL	16-MAR-93	TRITIUM	1400.0000	PCI/L	290		370.0000	A	212.2	8	10.2
42993	BH40141AE	BH	REAL	20-JAN-93	TRITIUM	2700.0000	PCI/L	370		270.0000	JA	212.2	1	6
43193	BH40309AE	BH	REAL	15-FEB-93	TRITIUM	3800.0000	PCI/L	390	B	380.0000	A	212.2	6.0	11.0
43393	BH40510AE	BH	REAL	18-MAR-93	TRITIUM	26000.0000	PCI/L	960		480.0000	A	212.2	0	2
43393	BH40511AE	BH	REAL	18-MAR-93	TRITIUM	20000.0000	PCI/L	790		410.0000	A	212.2	0	4
43393	BH40512AE	BH	REAL	18-MAR-93	TRITIUM	26000.0000	PCI/L	880		400.0000	A	212.2	4	5.4
43393	BH40517AE	BH	REAL	18-MAR-93	TRITIUM	62000.0000	PCI/L	1300		400.0000	A	212.2	4	7.6
43393	BH40324AE	BH	REAL	18-MAR-93	TRITIUM	13000.0000	PCI/L	630		400.0000	A	212.2	7.6	12.6
43493	BH40319AE	BH	REAL	21-APR-93	TRITIUM	351.7000	PCI/L	231		248.2000	V	212.2	0.5	5.3
43593	BH40180AE	BH	REAL	26-JAN-93	TRITIUM	1300.0000	PCI/L	310		410.0000	A	212.2	1	6
43693	BH40518AE	BH	REAL	24-MAR-93	TRITIUM	5336.0000	PCI/L	558		260.0000	V	212.2	0	2
43693	BH40519AE	BH	REAL	24-MAR-93	TRITIUM	14400.0000	PCI/L	1210		260.0000	V	212.2	0	4
43693	BH40525AE	BH	REAL	25-MAR-93	TRITIUM	13000.0000	PCI/L	640		410.0000	A	212.2	10	13
43693	BH40520AE	BH	REAL	24-MAR-93	TRITIUM	21620.0000	PCI/L	1730		260.0000	V	212.2	4	6
43693	BH40521AE	BH	REAL	25-MAR-93	TRITIUM	11000.0000	PCI/L	590		410.0000	A	212.2	4	8
43693	BH40522AE	BH	REAL	25-MAR-93	TRITIUM	15000.0000	PCI/L	680		410.0000	A	212.2	8	10
43793	BH40332AE	BH	REAL	23-FEB-93	TRITIUM	600.0000	PCI/L	360		600.0000	A	212.2	0	6
43793	BH40335AE	BH	REAL	24-FEB-93	TRITIUM	770.0000	PCI/L	280	B	400.0000	A	212.2	6	11.5
44093	BH40348AE	BH	REAL	09-FEB-93	TRITIUM	570.0000	PCI/L	340		560.0000	A	212.2	0	6
44093	BH40351AE	BH	REAL	10-FEB-93	TRITIUM	350.0000	PCI/L	235		252.7000	V	212.2	6	10.4
44193	BH40078AE	BH	REAL	21-DEC-92	TRITIUM	329.0000	PCI/L	145		200.0000	JA	212.2	0	6
44193	BH40429AE	BH	REAL	31-MAR-93	TRITIUM	920.0000	PCI/L	220	B	260.0000	A	212.2	23.4	29.4
44193	BH40568AE	BH	REAL	31-MAR-93	TRITIUM	590.0000	PCI/L	200	B	250.0000	A	212.2	29.4	35.4
44193	BH40569AE	BH	REAL	31-MAR-93	TRITIUM	570.0000	PCI/L	210	B	270.0000	A	212.2	35.4	41.6
44193	BH40570AE	BH	REAL	31-MAR-93	TRITIUM	880.0000	PCI/L	340	B	450.0000	A	212.2	41.6	47.6
44193	BH40089AE	BH	REAL	31-MAR-93	TRITIUM	550.0000	PCI/L	220	B	290.0000	A	212.2	47.6	50.2
45693	BH40374AE	BH	REAL	19-MAR-93	TRITIUM	1800.0000	PCI/L	300		340.0000	A	212.2	0	6
45893	BH40382AE	BH	REAL	16-MAR-93	TRITIUM	1045.0000	PCI/L	273		260.0000	V	212.2	8.7	22
46193	BH40385AE	BH	REAL	24-MAR-93	TRITIUM	3300.0000	PCI/L	360		350.0000	A	212.2	0	6
46593	BH40700AE	BH	REAL	06-NOV-93	TRITIUM	25590.0000	PCI/L	2010		235.8000	V	212.2	0.75	2.75
46593	BH40713AE	BH	REAL	08-NOV-93	TRITIUM	4817.0000	PCI/L	521		235.8000	V	212.2	10.7	16.4
46593	BH40702AE	BH	REAL	06-NOV-93	TRITIUM	12160.0000	PCI/L	1040		235.8000	Y	212.2	2.75	4.75
46593	BH40703AE	BH	REAL	06-NOV-93	TRITIUM	7430.0000	PCI/L	705		235.8000	V	212.2	4.75	6.75
46593	BH40705AE	BH	REAL	08-NOV-93	TRITIUM	9093.0000	PCI/L	823		235.8000	V	212.2	4.75	8.75
46593	BH40711AE	BH	REAL	08-NOV-93	TRITIUM	11610.0000	PCI/L	1000		235.8000	V	212.2	8.75	10.7
46693	BH40715AE	BH	REAL	08-NOV-93	TRITIUM	46610.0000	PCI/L	3540		235.8000	Y	212.2	0.5	2.25
46693	BH40717AE	BH	REAL	08-NOV-93	TRITIUM	48400.0000	PCI/L	3670		235.8000	Y	212.2	2.25	4.25
46693	BH40718AE	BH	REAL	09-NOV-93	TRITIUM	5644.0000	PCI/L	579		235.8000	V	212.2	4.6	6.6
46693	BH40726AE	BH	REAL	09-NOV-93	TRITIUM	43060.0000	PCI/L	3280		235.8000	V	212.2	6.6	7.6
46693	BH40728AE	BH	REAL	09-NOV-93	TRITIUM	21540.0000	PCI/L	1720		235.8000	V	212.2	8.6	14.8
46793	BH40729AE	BH	REAL	10-NOV-93	TRITIUM	34090.0000	PCI/L	2630		253.4000	V	212.2	0.50	2.50
46793	BH40731AE	BH	REAL	10-NOV-93	TRITIUM	57980.0000	PCI/L	4360	X	230.0000	V	212.2	2.50	4.50
46793	BH40732AE	BH	REAL	10-NOV-93	TRITIUM	42090.0000	PCI/L	3210	X	230.0000	V	212.2	4.50	6.50
46793	BH40740AE	BH	REAL	10-NOV-93	TRITIUM	33180.0000	PCI/L	2560	X	230.0000	V	212.2	6.50	8.50
46793	BH40742AE	BH	REAL	10-NOV-93	TRITIUM	14540.0000	PCI/L	1210		253.4000	V	212.2	8.50	14.7
46893	BH40743AE	BH	REAL	19-NOV-93	TRITIUM	3860.0000	PCI/L	477		273.0000	V	212.2	0.50	2.50
46893	BH40754AE	BH	REAL	19-NOV-93	TRITIUM	8141.0000	PCI/L	764	X	240.0000	V	212.2	11.5	12.5
46893	BH40745AE	BH	REAL	19-NOV-93	TRITIUM	5842.0000	PCI/L	606		273.0000	V	212.2	2.50	4.60
46893	BH40746AE	BH	REAL	19-NOV-93	TRITIUM	8680.0000	PCI/L	805		273.0000	V	212.2	4.60	6.60
46893	BH40748AE	BH	REAL	19-NOV-93	TRITIUM	6778.0000	PCI/L	668	X	240.0000	V	212.2	6.60	8.60
46893	BH40749AE	BH	REAL	19-NOV-93	TRITIUM	5929.0000	PCI/L	609	X	240.0000	V	212.2	8.60	10.6

Appendix II.Z-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
46993	BH40757AE	BH	REAL	22-NOV-93	TRITIUM	13680.0000	PCI/L	1160		273.0000	V	212.2	1.30	3.10
46993	BH40759AE	BH	REAL	22-NOV-93	TRITIUM	5295.0000	PCI/L	564	X	230.0000	V	212.2	3.30	5.0
46993	BH40768AE	BH	REAL	22-NOV-93	TRITIUM	21870.0000	PCI/L	1760		273.0000	V	212.2	5.50	7.00
46993	BH40770AE	BH	REAL	22-NOV-93	TRITIUM	5802.0000	PCI/L	607	X	260.0000	V	212.2	7.20	13.1
47093	BH40771AE	BH	REAL	17-NOV-93	TRITIUM	2417.0000	PCI/L	354	X	230.0000	V	212.2	0.70	2.70
47093	BH40773AE	BH	REAL	17-NOV-93	TRITIUM	6639.0000	PCI/L	643	X	230.0000	V	212.2	2.70	4.70
47093	BH40774AE	BH	REAL	17-NOV-93	TRITIUM	6074.0000	PCI/L	604	X	230.0000	V	212.2	4.80	6.80
47093	BH40776AE	BH	REAL	18-NOV-93	TRITIUM	6668.0000	PCI/L	660	X	240.0000	V	212.2	6.8	8.8
40093	BH40170AE	BH	REAL	14-JAN-93	URANIUM-233,-234	1.1100	PCI/G	.27		0.0370	A	0.53	6	8.4
40193	BH40488AE	BH	REAL	06-JAN-93	URANIUM-233,-234	0.8660	PCI/G	.198		0.0160	A	0.53	0	6
40193	BH40495AE	BH	REAL	06-JAN-93	URANIUM-233,-234	1.2500	PCI/G	.26		0.0170	A	0.53	18	24
40193	BH40490AE	BH	REAL	06-JAN-93	URANIUM-233,-234	0.6650	PCI/G	.177		0.0130	A	0.53	6	12
40293	BH40118AE	BH	REAL	20-JAN-93	URANIUM-233,-234	1.8000	PCI/G	.48	B	0.0180	A	0.53	0	2.9
40393	BH40123AE	BH	REAL	29-JAN-93	URANIUM-233,-234	1.6000	PCI/G	.49	B	0.0590	V	0.53	0.0	5.0
40593	BH40128AE	BH	REAL	26-JAN-93	URANIUM-233,-234	0.9100	PCI/G	.31	B	0.0300	V	0.53	0.0	5.0
40593	BH40365AE	BH	REAL	26-JAN-93	URANIUM-233,-234	0.8500	PCI/G	.3	B	0.0180	V	0.53	12	18
40593	BH40400AE	BH	REAL	27-JAN-93	URANIUM-233,-234	0.9500	PCI/G	.32		0.0300	A	0.53	18.0	24.0
40593	BH40131AE	BH	REAL	26-JAN-93	URANIUM-233,-234	0.9900	PCI/G	.39	B	0.0260	V	0.53	6	11
40793	BH40157AE	BH	REAL	01-MAR-93	URANIUM-233,-234	1.3000	PCI/G	.17	B	0.0120	A	0.53	0	5
40793	BH40413AE	BH	REAL	01-MAR-93	URANIUM-233,-234	1.5000	PCI/G	.19	B	0.0120	A	0.53	0	5
40793	BH40160AE	BH	REAL	02-MAR-93	URANIUM-233,-234	1.3000	PCI/G	.17	B	0.0050	A	0.53	6.0	8.1
40793	BH40414AE	BH	REAL	02-MAR-93	URANIUM-233,-234	1.2000	PCI/G	.16	B	0.0120	A	0.53	8.1	13.0
40993	BH40201AE	BH	REAL	03-MAR-93	URANIUM-233,-234	2.7000	PCI/G	.86	B	0.0340	A	0.53	0	6
40993	BH40206AE	BH	REAL	05-MAR-93	URANIUM-233,-234	2.7000	PCI/G	.71	B	0.0390	A	0.53	10	20
40993	BH40415AE	BH	REAL	05-MAR-93	URANIUM-233,-234	1.9000	PCI/G	.5	B	0.0310	A	0.53	20	31
40993	BH40416AE	BH	REAL	05-MAR-93	URANIUM-233,-234	0.9600	PCI/G	.39	B	0.0680	A	0.53	31	35
40993	BH40204AE	BH	REAL	03-MAR-93	URANIUM-233,-234	1.2000	PCI/G	.5	B	0.0340	A	0.53	6	10
41193	BH40049AE	BH	REAL	28-JAN-93	URANIUM-233,-234	0.7500	PCI/G	.33	B	0.0250	V	0.53	0	6
41193	BH40052AE	BH	REAL	28-JAN-93	URANIUM-233,-234	1.3000	PCI/G	.58	B	0.1200	A	0.53	6	8
41293	BH40196AE	BH	REAL	23-FEB-93	URANIUM-233,-234	1.3000	PCI/G	.4	B	0.0310	A	0.53	0	3.3
41593	BH40417AE	BH	REAL	06-APR-93	URANIUM-233,-234	15.0000	PCI/G	2.2	B	0.0210	A	0.53	0	2
41593	BH40418AE	BH	REAL	06-APR-93	URANIUM-233,-234	12.0000	PCI/G	1.7	B	0.0380	A	0.53	0	4
41593	BH40419AE	BH	REAL	06-APR-93	URANIUM-233,-234	8.5000	PCI/G	1.4	B	0.0230	A	0.53	4	6
41593	BH40424AE	BH	REAL	06-APR-93	URANIUM-233,-234	1.8000	PCI/G	.42	B	0.0240	A	0.53	4	7.9
41693	BH40217AE	BH	REAL	22-FEB-93	URANIUM-233,-234	9.3000	PCI/G	1.3	B	0.0110	A	0.53	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	URANIUM-233,-234	3.4000	PCI/G	.63	B	0.0130	A	0.53	6	12
41793	BH40243AE	BH	REAL	19-FEB-93	URANIUM-233,-234	1.9000	PCI/G	.62	B	0.0490	A	0.53	0	5
41793	BH40246AE	BH	REAL	22-FEB-93	URANIUM-233,-234	1.2000	PCI/G	.54	B	0.0670	A	0.53	6	11
41993	BH40062AE	BH	REAL	13-JAN-93	URANIUM-233,-234	1.0000	PCI/G	.22		0.0900	V	0.53	0	6
42093	BH40483AE	BH	REAL	08-JAN-93	URANIUM-233,-234	1.5380	PCI/G	.359		0.0570	A	0.53	0	6
42193	BH40425AE	BH	REAL	19-MAR-93	URANIUM-233,-234	21.0000	PCI/G	3.1	B	0.0240	V	0.53	0	2
42193	BH40426AE	BH	REAL	19-MAR-93	URANIUM-233,-234	1.7000	PCI/G	.44	B	0.0160	V	0.53	0	4
42193	BH40091AE	BH	REAL	30-MAR-93	URANIUM-233,-234	0.7800	PCI/G	.15	B	0.0070	A	0.53	16	22
42193	BH40430AE	BH	REAL	30-MAR-93	URANIUM-233,-234	0.8300	PCI/G	.15	B	0.0070	A	0.53	22	28.3
42193	BH40433AE	BH	REAL	31-MAR-93	URANIUM-233,-234	1.0000	PCI/G	.18	B	0.0070	A	0.53	28.3	31.3
42193	BH40427AE	BH	REAL	19-MAR-93	URANIUM-233,-234	1.1000	PCI/G	.45	B	0.0510	V	0.53	4	6
42193	BH40432AE	BH	REAL	19-MAR-93	URANIUM-233,-234	0.7200	PCI/G	.23	B	0.0210	V	0.53	4.0	9.9
42193	BH40086AE	BH	REAL	30-MAR-93	URANIUM-233,-234	0.9900	PCI/G	.17	B	0.0060	A	0.53	9.9	16
42293	BH40253AE	BH	REAL	15-APR-93	URANIUM-233,-234	0.8929	PCI/G	.331		0.1256	A	0.53	0.7	6.1
42293	BH40258AE	BH	REAL	20-APR-93	URANIUM-233,-234	0.9361	PCI/G	.257		0.0646	A	0.53	11.3	12.9
42293	BH40256AE	BH	REAL	15-APR-93	URANIUM-233,-234	0.9066	PCI/G	.249		0.0701	A	0.53	6.1	11.3
42393	BH40261AE	BH	REAL	27-JAN-93	URANIUM-233,-234	1.6000	PCI/G	.38		0.0130	A	0.53	0	6
42393	BH40264AE	BH	REAL	27-JAN-93	URANIUM-233,-234	0.9100	PCI/G	.28		0.0150	A	0.53	6	8.1
42493	BH40438AE	BH	REAL	23-MAR-93	URANIUM-233,-234	3.8000	PCI/G	.82	B	0.0190	A	0.53	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	URANIUM-233,-234	0.9100	PCI/G	.36		0.0630	A	0.53	0	4
42493	BH40440AE	BH	REAL	23-MAR-93	URANIUM-233,-234	0.9700	PCI/G	.35	B	0.0210	A	0.53	4	6
42493	BH40441AE	BH	REAL	23-MAR-93	URANIUM-233,-234	0.8400	PCI/G	.3	B	0.0180	A	0.53	4	8

Appendix II.Z-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
42493	BH40745AE	BH	REAL	23-MAR-93	URANIUM-233,-234	1.0000	PCI/G	.35	B	0.0200	A	0.53	8	10.2
42593	BH40447AE	BH	REAL	16-MAR-93	URANIUM-233,-234	1.0000	PCI/G	.28		0.0380	A	0.53	0	4
42593	BH40446AE	BH	REAL	16-MAR-93	URANIUM-233,-234	11.0000	PCI/G	2		0.0330	A	0.53	0.0	2.0
42593	BH40290AE	BH	REAL	26-MAR-93	URANIUM-233,-234	0.8400	PCI/G	.16	B	0.0080	A	0.53	10.2	16.8
42593	BH40448AE	BH	REAL	16-MAR-93	URANIUM-233,-234	1.5000	PCI/G	.36	B	0.0210	A	0.53	4	6
42593	BH40449AE	BH	REAL	16-MAR-93	URANIUM-233,-234	1.2000	PCI/G	.31	B	0.0210	A	0.53	4	8
42593	BH40450AE	BH	REAL	16-MAR-93	URANIUM-233,-234	1.2000	PCI/G	.31		0.0310	A	0.53	8	10.2
42993	BH40141AE	BH	REAL	20-JAN-93	URANIUM-233,-234	1.8000	PCI/G	.37		0.0220	A	0.53	1	6
42993	BH40144AE	BH	REAL	20-JAN-93	URANIUM-233,-234	1.1100	PCI/G	.23		0.0160	A	0.53	7	10
43193	BH40306AE	BH	REAL	12-FEB-93	URANIUM-233,-234	1.0000	PCI/G	.29	B	0.0140	A	0.53	0.0	5.0
43193	BH40309AE	BH	REAL	15-FEB-93	URANIUM-233,-234	2.0000	PCI/G	.62	B	0.0260	A	0.53	6.0	11.0
43293	BH40041AE	BH	REAL	29-JAN-93	URANIUM-233,-234	1.0000	PCI/G	.3		0.0360	A	0.53	0	6
43393	BH40510AE	BH	REAL	18-MAR-93	URANIUM-233,-234	4.9000	PCI/G	.81	B	0.0360	V	0.53	0	2
43393	BH40511AE	BH	REAL	18-MAR-93	URANIUM-233,-234	2.2000	PCI/G	.57	B	0.0800	V	0.53	0	4
43393	BH40512AE	BH	REAL	18-MAR-93	URANIUM-233,-234	4.0000	PCI/G	.65	B	0.0100	V	0.53	4	5.4
43393	BH40517AE	BH	REAL	18-MAR-93	URANIUM-233,-234	2.5000	PCI/G	.51	B	0.0220	V	0.53	4	7.6
43393	BH40324AE	BH	REAL	18-MAR-93	URANIUM-233,-234	1.0000	PCI/G	.34	B	0.0480	V	0.53	7.6	12.6
43493	BH40319AE	BH	REAL	21-APR-93	URANIUM-233,-234	0.9911	PCI/G	.252		0.0595	A	0.53	0.5	5.3
43493	BH40322AE	BH	REAL	21-APR-93	URANIUM-233,-234	0.9099	PCI/G	.252		0.0664	A	0.53	5.3	11.3
43593	BH40180AE	BH	REAL	26-JAN-93	URANIUM-233,-234	1.8000	PCI/G	.37		0.0110	A	0.53	1	6
43693	BH40518AE	BH	REAL	24-MAR-93	URANIUM-233,-234	5.1150	PCI/G	.533		0.0201	A	0.53	0	2
43693	BH40519AE	BH	REAL	24-MAR-93	URANIUM-233,-234	3.9030	PCI/G	.421		0.0176	A	0.53	0	4
43693	BH40525AE	BH	REAL	25-MAR-93	URANIUM-233,-234	1.5000	PCI/G	.46	B	0.0210	A	0.53	10	13
43693	BH40520AE	BH	REAL	24-MAR-93	URANIUM-233,-234	3.4040	PCI/G	.371		0.0216	A	0.53	4	6
43693	BH40521AE	BH	REAL	25-MAR-93	URANIUM-233,-234	2.2000	PCI/G	.55	B	0.0180	A	0.53	4	8
43693	BH40522AE	BH	REAL	25-MAR-93	URANIUM-233,-234	5.4000	PCI/G	1.1	B	0.0330	A	0.53	8	10
43793	BH40332AE	BH	REAL	23-FEB-93	URANIUM-233,-234	17.0000	PCI/G	2.4	B	0.0200	A	0.53	0	6
43793	BH40335AE	BH	REAL	24-FEB-93	URANIUM-233,-234	1.1000	PCI/G	.47	B	0.0540	A	0.53	6	11.5
43893	BH40070AE	BH	REAL	05-FEB-93	URANIUM-233,-234	0.9100	PCI/G	.36	B	0.0610	V	0.53	0	6
43893	BH40073AE	BH	REAL	08-FEB-93	URANIUM-233,-234	1.2000	PCI/G	.38	B	0.0340	V	0.53	6	12
43993	BH40353AE	BH	REAL	10-FEB-93	URANIUM-233,-234	1.0740	PCI/G	.262		0.0466		0.53	0	6
44093	BH40348AE	BH	REAL	09-FEB-93	URANIUM-233,-234	0.7800	PCI/G	.26		0.0500	A	0.53	0	6
44093	BH40351AE	BH	REAL	10-FEB-93	URANIUM-233,-234	0.5887	PCI/G	.189		0.0512		0.53	6	10.4
44193	BH40429AE	BH	REAL	31-MAR-93	URANIUM-233,-234	0.9500	PCI/G	.31	B	0.0290	A	0.53	23.4	29.4
44193	BH40568AE	BH	REAL	31-MAR-93	URANIUM-233,-234	1.5000	PCI/G	.54	B	0.0860	A	0.53	29.4	35.4
44193	BH40569AE	BH	REAL	31-MAR-93	URANIUM-233,-234	2.2000	PCI/G	.55	B	0.0180	A	0.53	35.4	41.6
44193	BH40570AE	BH	REAL	31-MAR-93	URANIUM-233,-234	1.7000	PCI/G	.25	B	0.0070	A	0.53	41.6	47.6
44193	BH40089AE	BH	REAL	31-MAR-93	URANIUM-233,-234	1.5000	PCI/G	.22	B	0.0220	A	0.53	47.6	50.2
44393	BH40033AE	BH	REAL	08-FEB-93	URANIUM-233,-234	0.6700	PCI/G	.24	B	0.0260	V	0.53	0.0	5.0
44793	BH40133AE	BH	REAL	12-JAN-93	URANIUM-233,-234	0.9501	PCI/G	.236		0.0280	A	0.53	0	2.5
44893	BH40188AE	BH	REAL	14-JAN-93	URANIUM-233,-234	1.1500	PCI/G	.29		0.0250	A	0.53	0.0	5.0
44893	BH40191AE	BH	REAL	14-JAN-93	URANIUM-233,-234	1.0500	PCI/G	.24		0.0190	A	0.53	6.2	12.2
45693	BH40374AE	BH	REAL	19-MAR-93	URANIUM-233,-234	1.4000	PCI/G	.37	B	0.0150	V	0.53	0	6
45793	BH40557AE	BH	REAL	18-MAR-93	URANIUM-233,-234	0.5900	PCI/G	.19	B	0.0110	A	0.53	0	4
45893	BH40377AE	BH	REAL	16-MAR-93	URANIUM-233,-234	0.9945	PCI/G	.142		0.0305	A	0.53	0	6
45893	BH40380AE	BH	REAL	16-MAR-93	URANIUM-233,-234	0.8543	PCI/G	.122		0.0170	A	0.53	6	8.7
45893	BH40382AE	BH	REAL	16-MAR-93	URANIUM-233,-234	1.5170	PCI/G	.179		0.0143	A	0.53	8.7	22
46193	BH40385AE	BH	REAL	24-MAR-93	URANIUM-233,-234	0.8700	PCI/G	.31	B	0.0180	V	0.53	0	6
46593	BH40700AE	BH	REAL	06-NOV-93	URANIUM-233,-234	2.2080	PCI/G	.533		0.0922	A	0.53	0.75	2.75
46593	BH40713AE	BH	REAL	08-NOV-93	URANIUM-233,-234	1.0550	PCI/G	.321		0.1204	A	0.53	10.7	16.4
46593	BH40702AE	BH	REAL	06-NOV-93	URANIUM-233,-234	0.5662	PCI/G	.179		0.0592	Y	0.53	2.75	4.75
46593	BH40703AE	BH	REAL	06-NOV-93	URANIUM-233,-234	2.3430	PCI/G	.522		0.0800	A	0.53	4.75	6.75
46593	BH40705AE	BH	REAL	08-NOV-93	URANIUM-233,-234	1.5960	PCI/G	.391		0.0728	A	0.53	4.75	8.75
46593	BH40711AE	BH	REAL	08-NOV-93	URANIUM-233,-234	0.8666	PCI/G	.236		0.0639	A	0.53	8.75	10.7
46693	BH40715AE	BH	REAL	08-NOV-93	URANIUM-233,-234	14.5400	PCI/G	2.37		0.1169	Y	0.53	0.5	2.25
46693	BH40717AE	BH	REAL	08-NOV-93	URANIUM-233,-234	1.4720	PCI/G	.358		0.0736	Y	0.53	2.25	4.25
46693	BH40718AE	BH	REAL	09-NOV-93	URANIUM-233,-234	2.5700	PCI/G	.583		0.0922	A	0.53	4.6	6.6
46693	BH40726AE	BH	REAL	09-NOV-93	URANIUM-233,-234	3.8250	PCI/G	.759		0.0739	A	0.53	6.6	7.6

Appendix II.Z-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
46693	BH40728AE	BH	REAL	09-NOV-93	URANIUM-233,-234	1.5470	PCI/G	.418		0.0923	A	0.53	8.6	14.8
46793	BH40729AE	BH	REAL	10-NOV-93	URANIUM-233,-234	4.9330	PCI/G	1.16		0.1143	A	0.53	0.50	2.50
46793	BH40731AE	BH	REAL	10-NOV-93	URANIUM-233,-234	1.1540	PCI/G	.41		0.1377	A	0.53	2.50	4.50
46793	BH40732AE	BH	REAL	10-NOV-93	URANIUM-233,-234	1.4330	PCI/G	.38		0.0904	A	0.53	4.50	6.50
46793	BH40740AE	BH	REAL	10-NOV-93	URANIUM-233,-234	1.5790	PCI/G	.751		0.2327	R	0.53	6.50	8.50
46793	BH40742AE	BH	REAL	10-NOV-93	URANIUM-233,-234	1.4450	PCI/G	.458		0.1115	A	0.53	8.50	14.7
46893	BH40743AE	BH	REAL	19-NOV-93	URANIUM-233,-234	1.0260	PCI/G	.312		0.0868	V	0.53	0.50	2.50
46893	BH40754AE	BH	REAL	19-NOV-93	URANIUM-233,-234	1.0480	PCI/G	.3		0.0887	V	0.53	11.5	12.5
46893	BH40745AE	BH	REAL	19-NOV-93	URANIUM-233,-234	0.8734	PCI/G	.293		0.1012	V	0.53	2.50	4.60
46893	BH40746AE	BH	REAL	19-NOV-93	URANIUM-233,-234	0.8201	PCI/G	.255		0.0863	V	0.53	4.60	6.60
46893	BH40748AE	BH	REAL	19-NOV-93	URANIUM-233,-234	2.0820	PCI/G	.448		0.0654	V	0.53	6.60	8.60
46893	BH40749AE	BH	REAL	19-NOV-93	URANIUM-233,-234	1.9940	PCI/G	.482		0.0870	V	0.53	8.60	10.6
46993	BH40757AE	BH	REAL	22-NOV-93	URANIUM-233,-234	13.9900	PCI/G	2.17		0.0724	V	0.53	1.30	3.10
46993	BH40759AE	BH	REAL	22-NOV-93	URANIUM-233,-234	6.0530	PCI/G	1.11		0.0841	V	0.53	3.30	5.0
46993	BH40768AE	BH	REAL	22-NOV-93	URANIUM-233,-234	10.9900	PCI/G	1.76		0.0736	V	0.53	5.50	7.00
46993	BH40770AE	BH	REAL	22-NOV-93	URANIUM-233,-234	1.1130	PCI/G	.343		0.0859	V	0.53	7.20	13.1
47093	BH40771AE	BH	REAL	17-NOV-93	URANIUM-233,-234	0.6156	PCI/G	.271		0.1157	A	0.53	0.70	2.70
47093	BH40774AE	BH	REAL	17-NOV-93	URANIUM-233,-234	1.5150	PCI/G	.405		0.1262	A	0.53	4.80	6.80
47093	BH40776AE	BH	REAL	18-NOV-93	URANIUM-233,-234	1.4160	PCI/G	.343		0.0708	V	0.53	6.8	8.8
40993	BH40415AE	BH	REAL	05-MAR-93	URANIUM-235	0.1300	PCI/G	.11	J	0.0480	A	0.1	20	31
41593	BH40417AE	BH	REAL	06-APR-93	URANIUM-235	0.5900	PCI/G	.2	B	0.0130	A	0.1	0	2
41593	BH40418AE	BH	REAL	06-APR-93	URANIUM-235	0.3000	PCI/G	.14	B	0.0120	A	0.1	0	4
41593	BH40419AE	BH	REAL	06-APR-93	URANIUM-235	0.2700	PCI/G	.14	BJ	0.0140	A	0.1	4	6
41593	BH40424AE	BH	REAL	06-APR-93	URANIUM-235	0.1300	PCI/G	.096	J	0.0370	A	0.1	4	7.9
41693	BH40217AE	BH	REAL	22-FEB-93	URANIUM-235	0.3900	PCI/G	.15		0.0110	A	0.1	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	URANIUM-235	0.1300	PCI/G	.09	J	0.0130	A	0.1	6	12
41993	BH40062AE	BH	REAL	13-JAN-93	URANIUM-235	0.1200	PCI/G	.068	J	0.0900	V	0.1	0	6
42193	BH40425AE	BH	REAL	19-MAR-93	URANIUM-235	0.8700	PCI/G	.27	B	0.0140	V	0.1	0	2
42193	BH40426AE	BH	REAL	19-MAR-93	URANIUM-235	0.1400	PCI/G	.1	BJ	0.0160	V	0.1	0	4
42193	BH40427AE	BH	REAL	19-MAR-93	URANIUM-235	0.1800	PCI/G	.16	J	0.0300	V	0.1	4	6
42493	BH40438AE	BH	REAL	23-MAR-93	URANIUM-235	0.2900	PCI/G	.17	J	0.0320	A	0.1	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	URANIUM-235	0.1400	PCI/G	.13	J	0.0240	A	0.1	0	4
42493	BH40440AE	BH	REAL	23-MAR-93	URANIUM-235	0.1100	PCI/G	.11	J	0.0640	A	0.1	4	6
42593	BH40446AE	BH	REAL	16-MAR-93	URANIUM-235	0.2600	PCI/G	.16	J	0.0190	A	0.1	0.0	2.0
43393	BH40512AE	BH	REAL	18-MAR-93	URANIUM-235	0.1400	PCI/G	.084	BJ	0.0180	V	0.1	4	5.4
43393	BH40517AE	BH	REAL	18-MAR-93	URANIUM-235	0.1300	PCI/G	.092	BJ	0.0130	V	0.1	4	7.6
43693	BH40518AE	BH	REAL	24-MAR-93	URANIUM-235	0.1651	PCI/G	.044		0.0213	A	0.1	0	2
43693	BH40519AE	BH	REAL	24-MAR-93	URANIUM-235	0.1128	PCI/G	.0356		0.0131	A	0.1	0	4
43693	BH40521AE	BH	REAL	25-MAR-93	URANIUM-235	0.1200	PCI/G	.11	J	0.0300	A	0.1	4	8
43693	BH40522AE	BH	REAL	25-MAR-93	URANIUM-235	0.2600	PCI/G	.16	J	0.0200	A	0.1	8	10
43793	BH40332AE	BH	REAL	23-FEB-93	URANIUM-235	0.5400	PCI/G	.19		0.0120	A	0.1	0	6
45693	BH40374AE	BH	REAL	19-MAR-93	URANIUM-235	0.1100	PCI/G	.088	BJ	0.0150	V	0.1	0	6
46693	BH40715AE	BH	REAL	08-NOV-93	URANIUM-235	0.4156	PCI/G	.18		0.0823	Y	0.1	0.5	2.25
46693	BH40718AE	BH	REAL	09-NOV-93	URANIUM-235	0.1591	PCI/G	.112		0.0796	A	0.1	4.6	6.6
46693	BH40726AE	BH	REAL	09-NOV-93	URANIUM-235	0.1154	PCI/G	.0909		0.0687	A	0.1	6.6	7.6
46793	BH40729AE	BH	REAL	10-NOV-93	URANIUM-235	0.3064	PCI/G	.194		0.1030	A	0.1	0.50	2.50
46893	BH40748AE	BH	REAL	19-NOV-93	URANIUM-235	0.1179	PCI/G	.0864		0.0767	V	0.1	6.60	8.60
46893	BH40749AE	BH	REAL	19-NOV-93	URANIUM-235	0.1386	PCI/G	.103		0.0783	V	0.1	8.60	10.6
46993	BH40757AE	BH	REAL	22-NOV-93	URANIUM-235	0.5193	PCI/G	.191		0.0546	V	0.1	1.30	3.10
46993	BH40759AE	BH	REAL	22-NOV-93	URANIUM-235	0.1713	PCI/G	.112		0.0634	V	0.1	3.30	5.0
46993	BH40768AE	BH	REAL	22-NOV-93	URANIUM-235	0.3832	PCI/G	.164		0.0822	V	0.1	5.50	7.00
47093	BH40774AE	BH	REAL	17-NOV-93	URANIUM-235	0.1185	PCI/G	.0969		0.0874	A	0.1	4.80	6.80
40093	BH40170AE	BH	REAL	14-JAN-93	URANIUM-238	1.1000	PCI/G	.26		0.0220	A	0.63	6	8.4
40193	BH40488AE	BH	REAL	06-JAN-93	URANIUM-238	0.7970	PCI/G	.187		0.0160	A	0.63	0	6
40193	BH40495AE	BH	REAL	06-JAN-93	URANIUM-238	1.2600	PCI/G	.26		0.0000	A	0.63	18	24
40193	BH40490AE	BH	REAL	06-JAN-93	URANIUM-238	0.7380	PCI/G	.192		0.0130	A	0.63	6	12

Appendix II.Z-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
40293	BH40118AE	BH	REAL	20-JAN-93	URANIUM-238	1.8000	PCI/G	.49	B	0.0180	A	0.63	0	2.9
40393	BH40123AE	BH	REAL	29-JAN-93	URANIUM-238	1.9000	PCI/G	.55	B	0.0220	V	0.63	0.0	5.0
40593	BH40128AE	BH	REAL	26-JAN-93	URANIUM-238	1.4000	PCI/G	.39	B	0.0180	V	0.63	0.0	5.0
40593	BH40400AE	BH	REAL	27-JAN-93	URANIUM-238	1.1000	PCI/G	.34	B	0.0180	A	0.63	18.0	24.0
40593	BH40131AE	BH	REAL	26-JAN-93	URANIUM-238	1.1000	PCI/G	.41	B	0.0260	V	0.63	6	11
40793	BH40157AE	BH	REAL	01-MAR-93	URANIUM-238	1.2000	PCI/G	.16	B	0.0120	A	0.63	0	5
40793	BH40413AE	BH	REAL	01-MAR-93	URANIUM-238	1.0000	PCI/G	.15	B	0.0050	A	0.63	0	5
40793	BH40160AE	BH	REAL	02-MAR-93	URANIUM-238	1.1000	PCI/G	.15	B	0.0050	A	0.63	6.0	8.1
40793	BH40414AE	BH	REAL	02-MAR-93	URANIUM-238	1.3000	PCI/G	.17	B	0.0120	A	0.63	8.1	13.0
40993	BH40201AE	BH	REAL	03-MAR-93	URANIUM-238	1.7000	PCI/G	.64	B	0.0340	A	0.63	0	6
40993	BH40206AE	BH	REAL	05-MAR-93	URANIUM-238	2.5000	PCI/G	.69	B	0.0230	A	0.63	10	20
40993	BH40415AE	BH	REAL	05-MAR-93	URANIUM-238	2.2000	PCI/G	.54	B	0.0480	A	0.63	20	31
40993	BH40416AE	BH	REAL	05-MAR-93	URANIUM-238	1.1000	PCI/G	.43		0.0800	A	0.63	31	35
40993	BH40204AE	BH	REAL	03-MAR-93	URANIUM-238	0.8700	PCI/G	.42	B	0.0340	A	0.63	6	10
41193	BH40049AE	BH	REAL	28-JAN-93	URANIUM-238	0.9000	PCI/G	.36	B	0.0250	V	0.63	0	6
41193	BH40052AE	BH	REAL	28-JAN-93	URANIUM-238	1.1000	PCI/G	.51	B	0.1600	A	0.63	6	8
41293	BH40196AE	BH	REAL	23-FEB-93	URANIUM-238	1.2000	PCI/G	.37	B	0.0180	A	0.63	0	3.3
41593	BH40417AE	BH	REAL	06-APR-93	URANIUM-238	8.3000	PCI/G	1.3	B	0.0210	A	0.63	0	2
41593	BH40418AE	BH	REAL	06-APR-93	URANIUM-238	5.7000	PCI/G	.93	B	0.0210	A	0.63	0	4
41593	BH40419AE	BH	REAL	06-APR-93	URANIUM-238	4.4000	PCI/G	.8	B	0.0140	A	0.63	4	6
41593	BH40424AE	BH	REAL	06-APR-93	URANIUM-238	1.2000	PCI/G	.32	B	0.0140	A	0.63	4	7.9
41693	BH40217AE	BH	REAL	22-FEB-93	URANIUM-238	5.1000	PCI/G	.81	B	0.0180	A	0.63	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	URANIUM-238	1.5000	PCI/G	.36	B	0.0130	A	0.63	6	12
41793	BH40243AE	BH	REAL	19-FEB-93	URANIUM-238	1.4000	PCI/G	.52	B	0.0290	A	0.63	0	5
41793	BH40246AE	BH	REAL	22-FEB-93	URANIUM-238	1.0000	PCI/G	.49	B	0.0400	A	0.63	6	11
41993	BH40062AE	BH	REAL	13-JAN-93	URANIUM-238	0.7700	PCI/G	.18		0.0700	V	0.63	0	6
42093	BH40483AE	BH	REAL	08-JAN-93	URANIUM-238	0.8473	PCI/G	.245		0.0510	A	0.63	0	6
42193	BH40425AE	BH	REAL	19-MAR-93	URANIUM-238	11.0000	PCI/G	1.7	B	0.0140	V	0.63	0	2
42193	BH40426AE	BH	REAL	19-MAR-93	URANIUM-238	1.1000	PCI/G	.34	B	0.0490	V	0.63	0	4
42193	BH40091AE	BH	REAL	30-MAR-93	URANIUM-238	1.0000	PCI/G	.18	B	0.0070	A	0.63	16	22
42193	BH40430AE	BH	REAL	30-MAR-93	URANIUM-238	0.9400	PCI/G	.17	B	0.0240	A	0.63	22	28.3
42193	BH40433AE	BH	REAL	31-MAR-93	URANIUM-238	1.1000	PCI/G	.18	B	0.0070	A	0.63	28.3	31.3
42193	BH40427AE	BH	REAL	19-MAR-93	URANIUM-238	1.1000	PCI/G	.46	B	0.0510	V	0.63	4	6
42193	BH40432AE	BH	REAL	19-MAR-93	URANIUM-238	0.9300	PCI/G	.26	B	0.0120	V	0.63	4.0	9.9
42193	BH40086AE	BH	REAL	30-MAR-93	URANIUM-238	1.1000	PCI/G	.17	B	0.0160	A	0.63	9.9	16
42293	BH40253AE	BH	REAL	15-APR-93	URANIUM-238	0.8252	PCI/G	.315		0.1161	A	0.63	0.7	6.1
42293	BH40256AE	BH	REAL	15-APR-93	URANIUM-238	0.9267	PCI/G	.252		0.0473	A	0.63	6.1	11.3
42393	BH40261AE	BH	REAL	27-JAN-93	URANIUM-238	1.3000	PCI/G	.34	B	0.0130	A	0.63	0	6
42393	BH40264AE	BH	REAL	27-JAN-93	URANIUM-238	1.1000	PCI/G	.32	B	0.0150	A	0.63	6	8.1
42493	BH40438AE	BH	REAL	23-MAR-93	URANIUM-238	2.1000	PCI/G	.54	B	0.0320	A	0.63	0	2
42493	BH40439AE	BH	REAL	23-MAR-93	URANIUM-238	1.3000	PCI/G	.44	B	0.0240	A	0.63	0	4
42493	BH40440AE	BH	REAL	23-MAR-93	URANIUM-238	1.1000	PCI/G	.38	B	0.0540	A	0.63	4	6
42493	BH40441AE	BH	REAL	23-MAR-93	URANIUM-238	0.6800	PCI/G	.26	B	0.0300	A	0.63	4	8
42493	BH40445AE	BH	REAL	23-MAR-93	URANIUM-238	0.6900	PCI/G	.28	B	0.0200	A	0.63	8	10.2
42593	BH40447AE	BH	REAL	16-MAR-93	URANIUM-238	0.8700	PCI/G	.25		0.0210	A	0.63	0	4
42593	BH40446AE	BH	REAL	16-MAR-93	URANIUM-238	6.9000	PCI/G	1.3		0.0330	A	0.63	0.0	2.0
42593	BH40290AE	BH	REAL	26-MAR-93	URANIUM-238	0.8900	PCI/G	.17	B	0.0080	A	0.63	10.2	16.8
42593	BH40448AE	BH	REAL	16-MAR-93	URANIUM-238	1.7000	PCI/G	.38		0.0130	A	0.63	4	6
42593	BH40449AE	BH	REAL	16-MAR-93	URANIUM-238	1.3000	PCI/G	.32		0.0120	A	0.63	4	8
42593	BH40450AE	BH	REAL	16-MAR-93	URANIUM-238	0.9200	PCI/G	.26		0.0200	A	0.63	8	10.2
42993	BH40141AE	BH	REAL	20-JAN-93	URANIUM-238	0.8270	PCI/G	.22		0.0220	A	0.63	1	6
42993	BH40144AE	BH	REAL	20-JAN-93	URANIUM-238	0.7680	PCI/G	.184		0.0160	A	0.63	7	10
43193	BH40306AE	BH	REAL	12-FEB-93	URANIUM-238	1.1000	PCI/G	.31	B	0.0140	A	0.63	0.0	5.0
43193	BH40309AE	BH	REAL	15-FEB-93	URANIUM-238	1.7000	PCI/G	.56	B	0.0260	A	0.63	6.0	11.0
43293	BH40041AE	BH	REAL	29-JAN-93	URANIUM-238	0.9200	PCI/G	.28	B	0.0140	A	0.63	0	6
43293	BH40044AE	BH	REAL	29-JAN-93	URANIUM-238	0.8800	PCI/G	.27	B	0.0240	A	0.63	6	10
43393	BH40510AE	BH	REAL	18-MAR-93	URANIUM-238	4.4000	PCI/G	.74	B	0.0120	V	0.63	0	2
43393	BH40511AE	BH	REAL	18-MAR-93	URANIUM-238	2.3000	PCI/G	.58	B	0.0190	V	0.63	0	4

Appendix II.Z-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
43393	BH40512AE	BH	REAL	18-MAR-93	URANIUM-238	3.0000	PCI/G	.52	B	0.0180	V	0.63	4	5.4
43393	BH40517AE	BH	REAL	18-MAR-93	URANIUM-238	2.2000	PCI/G	.47	B	0.0130	V	0.63	4	7.6
43393	BH40324AE	BH	REAL	18-MAR-93	URANIUM-238	1.7000	PCI/G	.46	B	0.0310	V	0.63	7.6	12.6
43493	BH40319AE	BH	REAL	21-APR-93	URANIUM-238	0.9620	PCI/G	.248		0.0710	A	0.63	0.5	5.3
43493	BH40322AE	BH	REAL	21-APR-93	URANIUM-238	0.7680	PCI/G	.227		0.0607	A	0.63	5.3	11.3
43593	BH40180AE	BH	REAL	26-JAN-93	URANIUM-238	1.2000	PCI/G	.29	B	0.0110	A	0.63	1	6
43693	BH40518AE	BH	REAL	24-MAR-93	URANIUM-238	6.2660	PCI/G	.643		0.0186	A	0.63	0	2
43693	BH40519AE	BH	REAL	24-MAR-93	URANIUM-238	3.9490	PCI/G	.425		0.0176	A	0.63	0	4
43693	BH40525AE	BH	REAL	25-MAR-93	URANIUM-238	1.4000	PCI/G	.44	B	0.0210	A	0.63	10	13
43693	BH40520AE	BH	REAL	24-MAR-93	URANIUM-238	2.6040	PCI/G	.295		0.0189	A	0.63	4	6
43693	BH40521AE	BH	REAL	25-MAR-93	URANIUM-238	2.6000	PCI/G	.62	B	0.0180	A	0.63	4	8
43693	BH40522AE	BH	REAL	25-MAR-93	URANIUM-238	4.7000	PCI/G	1	B	0.0330	A	0.63	8	10
43793	BH40332AE	BH	REAL	23-FEB-93	URANIUM-238	5.9000	PCI/G	.94	B	0.0120	A	0.63	0	6
43793	BH40335AE	BH	REAL	24-FEB-93	URANIUM-238	0.7200	PCI/G	.36	B	0.0540	A	0.63	6	11.5
43893	BH40070AE	BH	REAL	05-FEB-93	URANIUM-238	1.4000	PCI/G	.47	B	0.0390	V	0.63	0	6
43893	BH40073AE	BH	REAL	08-FEB-93	URANIUM-238	0.6800	PCI/G	.28	B	0.0200	V	0.63	6	12
43993	BH40353AE	BH	REAL	10-FEB-93	URANIUM-238	1.0830	PCI/G	.264		0.0531		0.63	0	6
44093	BH40348AE	BH	REAL	09-FEB-93	URANIUM-238	0.8300	PCI/G	.27	B	0.0570	A	0.63	0	6
44193	BH40429AE	BH	REAL	31-MAR-93	URANIUM-238	1.4000	PCI/G	.39	B	0.0170	A	0.63	23.4	29.4
44193	BH40568AE	BH	REAL	31-MAR-93	URANIUM-238	1.6000	PCI/G	.55	B	0.0740	A	0.63	29.4	35.4
44193	BH40569AE	BH	REAL	31-MAR-93	URANIUM-238	1.9000	PCI/G	.49	B	0.0180	A	0.63	35.4	41.6
44193	BH40570AE	BH	REAL	31-MAR-93	URANIUM-238	2.0000	PCI/G	.27	B	0.0180	A	0.63	41.6	47.6
44193	BH40089AE	BH	REAL	31-MAR-93	URANIUM-238	1.6000	PCI/G	.23	B	0.0070	A	0.63	47.6	50.2
44393	BH40033AE	BH	REAL	08-FEB-93	URANIUM-238	0.9500	PCI/G	.3	B	0.0150	V	0.63	0.0	5.0
44793	BH40133AE	BH	REAL	12-JAN-93	URANIUM-238	0.9583	PCI/G	.237		0.0370	A	0.63	0	2.5
44893	BH40188AE	BH	REAL	14-JAN-93	URANIUM-238	1.0700	PCI/G	.28		0.0250	A	0.63	0.0	5.0
44893	BH40191AE	BH	REAL	14-JAN-93	URANIUM-238	1.0800	PCI/G	.24		0.0190	A	0.63	6.2	12.2
45693	BH40374AE	BH	REAL	19-MAR-93	URANIUM-238	1.4000	PCI/G	.37	B	0.0150	V	0.63	0	6
45793	BH40557AE	BH	REAL	18-MAR-93	URANIUM-238	0.7300	PCI/G	.22		0.0110	A	0.63	0	4
45893	BH40377AE	BH	REAL	16-MAR-93	URANIUM-238	0.9261	PCI/G	.134		0.0073	A	0.63	0	6
45893	BH40380AE	BH	REAL	16-MAR-93	URANIUM-238	1.0510	PCI/G	.142		0.0186	A	0.63	6	8.7
45893	BH40382AE	BH	REAL	16-MAR-93	URANIUM-238	1.2760	PCI/G	.156		0.0143	A	0.63	8.7	22
46193	BH40385AE	BH	REAL	24-MAR-93	URANIUM-238	1.4000	PCI/G	.41	B	0.0180	V	0.63	0	6
46593	BH40700AE	BH	REAL	06-NOV-93	URANIUM-238	1.3800	PCI/G	.387		0.0772	A	0.63	0.75	2.75
46593	BH40713AE	BH	REAL	08-NOV-93	URANIUM-238	1.2730	PCI/G	.359		0.0788	A	0.63	10.7	16.4
46593	BH40702AE	BH	REAL	06-NOV-93	URANIUM-238	1.4000	PCI/G	.315		0.0316	Y	0.63	2.75	4.75
46593	BH40703AE	BH	REAL	06-NOV-93	URANIUM-238	1.7680	PCI/G	.429		0.0800	A	0.63	4.75	6.75
46593	BH40705AE	BH	REAL	08-NOV-93	URANIUM-238	1.4720	PCI/G	.371		0.0688	A	0.63	4.75	8.75
46593	BH40711AE	BH	REAL	08-NOV-93	URANIUM-238	1.2370	PCI/G	.294		0.0328	A	0.63	8.75	10.7
46693	BH40715AE	BH	REAL	08-NOV-93	URANIUM-238	5.2840	PCI/G	.984		0.0740	Y	0.63	0.5	2.25
46693	BH40717AE	BH	REAL	08-NOV-93	URANIUM-238	0.9380	PCI/G	.268		0.0673	Y	0.63	2.25	4.25
46693	BH40718AE	BH	REAL	09-NOV-93	URANIUM-238	1.5940	PCI/G	.418		0.0796	A	0.63	4.6	6.6
46693	BH40726AE	BH	REAL	09-NOV-93	URANIUM-238	1.9680	PCI/G	.466		0.0783	A	0.63	6.6	7.6
46693	BH40728AE	BH	REAL	09-NOV-93	URANIUM-238	1.5900	PCI/G	.425		0.0772	A	0.63	8.6	14.8
46793	BH40729AE	BH	REAL	10-NOV-93	URANIUM-238	2.6240	PCI/G	.719		0.1424	A	0.63	0.50	2.50
46793	BH40731AE	BH	REAL	10-NOV-93	URANIUM-238	0.9931	PCI/G	.374		0.1321	A	0.63	2.50	4.50
46793	BH40732AE	BH	REAL	10-NOV-93	URANIUM-238	1.2330	PCI/G	.344		0.0753	A	0.63	4.50	6.50
46793	BH40740AE	BH	REAL	10-NOV-93	URANIUM-238	1.2570	PCI/G	.651		0.2581	R	0.63	6.50	8.50
46793	BH40742AE	BH	REAL	10-NOV-93	URANIUM-238	1.5460	PCI/G	.479		0.1115	A	0.63	8.50	14.7
46893	BH40743AE	BH	REAL	19-NOV-93	URANIUM-238	0.9252	PCI/G	.292		0.0655	V	0.63	0.50	2.50
46893	BH40754AE	BH	REAL	19-NOV-93	URANIUM-238	1.0720	PCI/G	.303		0.0693	V	0.63	11.5	12.5
46893	BH40745AE	BH	REAL	19-NOV-93	URANIUM-238	0.7835	PCI/G	.274		0.0842	V	0.63	2.50	4.60
46893	BH40746AE	BH	REAL	19-NOV-93	URANIUM-238	0.7800	PCI/G	.247		0.0714	V	0.63	4.60	6.60
46893	BH40748AE	BH	REAL	19-NOV-93	URANIUM-238	1.5780	PCI/G	.37		0.0518	V	0.63	6.60	8.60
46893	BH40749AE	BH	REAL	19-NOV-93	URANIUM-238	1.7860	PCI/G	.447		0.0483	V	0.63	8.60	10.6
46993	BH40757AE	BH	REAL	22-NOV-93	URANIUM-238	11.4600	PCI/G	1.81		0.0755	V	0.63	1.30	3.10
46993	BH40759AE	BH	REAL	22-NOV-93	URANIUM-238	4.7250	PCI/G	.903		0.0801	V	0.63	3.30	5.0
46993	BH40768AE	BH	REAL	22-NOV-93	URANIUM-238	9.2880	PCI/G	1.52		0.0701	V	0.63	5.50	7.00

Appendix II.Z-1
Phase I Data - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
46993	BH40770AE	BH	REAL	22-NOV-93	URANIUM-238	1.1500	PCI/G	.35		0.0910	V	0.63	7.20	13.1
47093	BH40771AE	BH	REAL	17-NOV-93	URANIUM-238	0.9419	PCI/G	.347		0.1093	A	0.63	0.70	2.70
47093	BH40774AE	BH	REAL	17-NOV-93	URANIUM-238	1.3770	PCI/G	.378		0.0833	A	0.63	4.80	6.80
47093	BH40776AE	BH	REAL	18-NOV-93	URANIUM-238	1.0580	PCI/G	.284		0.0568	V	0.63	6.8	8.8

Appendix II.Z-1
Phase I Data - Borehole - WQHP
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
40193	BH40495AE	BH	REAL	06-JAN-93	CYANIDE	2.6800	UG/G			0.5000	V	ND	18	24
40593	BH40400AE	BH	REAL	27-JAN-93	CYANIDE	4.2600	UG/G			0.5000	V	ND	18.0	24.0
40993	BH40201AE	BH	REAL	03-MAR-93	CYANIDE	0.7080	UG/G			0.5000	V	ND	0	6
41593	BH40419AE	BH	REAL	06-APR-93	CYANIDE	16.2000	UG/G			0.5000	V	ND	4	6
41793	BH40243AE	BH	REAL	19-FEB-93	CYANIDE	0.5250	UG/G			0.5000	V	ND	0	5
41793	BH40246AE	BH	REAL	22-FEB-93	CYANIDE	0.5250	UG/G			0.5000	V	ND	6	11
42193	BH40427AE	BH	REAL	19-MAR-93	CYANIDE	43.0000	UG/G			0.5000	V	ND	4	6
42493	BH40440AE	BH	REAL	23-MAR-93	CYANIDE	1.6900	UG/G			0.5000	V	ND	4	6
42593	BH40448AE	BH	REAL	16-MAR-93	CYANIDE	8.4900	UG/G			0.5000	JA	ND	4	6
43193	BH40306AE	BH	REAL	12-FEB-93	CYANIDE	0.5990	UG/G			0.5000	V	ND	0.0	5.0
43393	BH40512AE	BH	REAL	18-MAR-93	CYANIDE	0.8960	UG/G			0.5000	JA	ND	4	5.4
43693	BH40520AE	BH	REAL	24-MAR-93	CYANIDE	1.9100	UG/G			0.5000	V	ND	4	6
46193	BH40385AE	BH	REAL	24-MAR-93	CYANIDE	1.5300	UG/G			0.5000	V	ND	0	6
46693	BH40792AE	BH	REAL	09-NOV-93	CYANIDE	6.8100	UG/G			0.5000	V	ND	0.5	6.60
46693	BH40728AE	BH	REAL	09-NOV-93	CYANIDE	1.9400	UG/G			0.5000	V	ND	8.6	14.8
46793	BH40798AE	BH	REAL	10-NOV-93	CYANIDE	30.7000	UG/G			0.5000	V	ND	0.50	6.50
46793	BH40742AE	BH	REAL	10-NOV-93	CYANIDE	1.2800	UG/G			0.5000	V	ND	8.50	14.7
46893	BH40804AE	BH	REAL	19-NOV-93	CYANIDE	2.0200	UG/G			0.5000	V	ND	0.50	6.60
40193	BH40495AE	BH	REAL	06-JAN-93	NITRATE/NITRITE	142.0000	MG/KG			0.2400		7.1	18	24
40193	BH40495AE	BH	REAL	06-JAN-93	NITRATE/NITRITE	142.0000	MG/KG			0.2400	V	7.1	18	24
40593	BH40365AE	BH	REAL	26-JAN-93	NITRATE/NITRITE	13.2000	MG/KG			0.2400	V	7.1	12	18
40593	BH40400AE	BH	REAL	27-JAN-93	NITRATE/NITRITE	387.0000	MG/KG			0.2400	V	7.1	18.0	24.0
40793	BH40160AE	BH	REAL	02-MAR-93	NITRATE/NITRITE	11.3000	MG/KG			0.2500	V	7.1	6.0	8.1
40793	BH40414AE	BH	REAL	02-MAR-93	NITRATE/NITRITE	23.4000	MG/KG			0.7200	V	7.1	8.1	13.0
40993	BH40201AE	BH	REAL	03-MAR-93	NITRATE/NITRITE	170.0000	MG/KG			4.6600	V	7.1	0	6
40993	BH40206AE	BH	REAL	05-MAR-93	NITRATE/NITRITE	1670.0000	MG/KG			113.0000	V	7.1	10	20
40993	BH40415AE	BH	REAL	05-MAR-93	NITRATE/NITRITE	1080.0000	MG/KG			113.0000	V	7.1	20	31
40993	BH40416AE	BH	REAL	05-MAR-93	NITRATE/NITRITE	505.0000	MG/KG			23.9000	V	7.1	31	35
40993	BH40204AE	BH	REAL	03-MAR-93	NITRATE/NITRITE	57.3000	MG/KG			4.4200	V	7.1	6	10
41193	BH40049AE	BH	REAL	28-JAN-93	NITRATE/NITRITE	12.1000	MG/KG			0.2300	V	7.1	0	6
41193	BH40052AE	BH	REAL	28-JAN-93	NITRATE/NITRITE	41.8000	MG/KG			0.2400	V	7.1	6	8
41293	BH40196AE	BH	REAL	23-FEB-93	NITRATE/NITRITE	48.9000	MG/KG			2.1900	V	7.1	0	3.3
41593	BH40418AE	BH	REAL	06-APR-93	NITRATE/NITRITE	2120.0000	MG/KG			127.0000		7.1	0	4
41593	BH40424AE	BH	REAL	06-APR-93	NITRATE/NITRITE	470.0000	MG/KG			24.3000		7.1	4	7.9
41693	BH40217AE	BH	REAL	22-FEB-93	NITRATE/NITRITE	74.8000	MG/KG			2.2300	V	7.1	0	6
41693	BH40220AE	BH	REAL	22-FEB-93	NITRATE/NITRITE	183.0000	MG/KG			5.7800	V	7.1	6	12
41793	BH40243AE	BH	REAL	19-FEB-93	NITRATE/NITRITE	19.0000	MG/KG			0.2200	V	7.1	0	5
41793	BH40246AE	BH	REAL	22-FEB-93	NITRATE/NITRITE	343.0000	MG/KG			10.9000	V	7.1	6	11
41993	BH40062AE	BH	REAL	13-JAN-93	NITRATE/NITRITE	56.4000	MG/KG			0.2200	V	7.1	0	6
42093	BH40483AE	BH	REAL	08-JAN-93	NITRATE/NITRITE	22.3000	MG/KG			0.2400	V	7.1	0	6
42193	BH40426AE	BH	REAL	19-MAR-93	NITRATE/NITRITE	6100.0000	MG/KG			478.0000	V	7.1	0	4
42193	BH40091AE	BH	REAL	30-MAR-93	NITRATE/NITRITE	51.0000	MG/KG			1.2400		7.1	16	22
42193	BH40432AE	BH	REAL	19-MAR-93	NITRATE/NITRITE	21.9000	MG/KG			1.1500	V	7.1	4	9.9
42193	BH40086AE	BH	REAL	30-MAR-93	NITRATE/NITRITE	25.1000	MG/KG			0.4900		7.1	9.9	16
42293	BH40258AE	BH	REAL	20-APR-93	NITRATE/NITRITE	21.1000	MG/KG			0.2400	V	7.1	11.3	12.9
42393	BH40261AE	BH	REAL	27-JAN-93	NITRATE/NITRITE	21.8000	MG/KG			0.2200	V	7.1	0	6
42493	BH40439AE	BH	REAL	23-MAR-93	NITRATE/NITRITE	1150.0000	MG/KG			48.3000	V	7.1	0	4
42493	BH40441AE	BH	REAL	23-MAR-93	NITRATE/NITRITE	17.1000	MG/KG			0.2200	V	7.1	4	8
42493	BH40445AE	BH	REAL	23-MAR-93	NITRATE/NITRITE	11.8000	MG/KG			0.2400	V	7.1	8	10.2
42593	BH40447AE	BH	REAL	16-MAR-93	NITRATE/NITRITE	1810.0000	MG/KG			111.0000	V	7.1	0	4
42593	BH40290AE	BH	REAL	26-MAR-93	NITRATE/NITRITE	88.3000	MG/KG			3.4900		7.1	10.2	16.8
42593	BH40449AE	BH	REAL	16-MAR-93	NITRATE/NITRITE	422.0000	MG/KG			10.9000	V	7.1	4	8
42593	BH40450AE	BH	REAL	16-MAR-93	NITRATE/NITRITE	187.0000	MG/KG			5.9900	V	7.1	8	10.2
42993	BH40141AE	BH	REAL	20-JAN-93	NITRATE/NITRITE	26.0000	MG/KG			0.2200	V	7.1	1	6
42993	BH40141AE	BH	REAL	20-JAN-93	NITRATE/NITRITE	26.0000	MG/KG			0.2200		7.1	1	6
42993	BH40144AE	BH	REAL	20-JAN-93	NITRATE/NITRITE	286.0000	MG/KG			0.2200	V	7.1	7	10

Appendix II.Z-1
Phase I Data - Borehole - WQHP
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
42993	BH40144AE	BH	REAL	20-JAN-93	NITRATE/NITRITE	286.0000	MG/KG			0.2200		7.1	7	10
43193	BH40306AE	BH	REAL	12-FEB-93	NITRATE/NITRITE	7.4800	MG/KG			0.2500	V	7.1	0.0	5.0
43193	BH40309AE	BH	REAL	15-FEB-93	NITRATE/NITRITE	141.0000	MG/KG			4.4300	V	7.1	6.0	11.0
43393	BH40511AE	BH	REAL	18-MAR-93	NITRATE/NITRITE	1610.0000	MG/KG			212.0000	V	7.1	0	4
43393	BH40517AE	BH	REAL	18-MAR-93	NITRATE/NITRITE	2040.0000	MG/KG			124.0000	V	7.1	4	7.6
43393	BH40324AE	BH	REAL	18-MAR-93	NITRATE/NITRITE	656.0000	MG/KG			23.4000	V	7.1	7.6	12.6
43693	BH40519AE	BH	REAL	24-MAR-93	NITRATE/NITRITE	1000.0000	MG/KG			44.3000	V	7.1	0	4
43693	BH40525AE	BH	REAL	25-MAR-93	NITRATE/NITRITE	553.0000	MG/KG			11.8000	V	7.1	10	13
43693	BH40521AE	BH	REAL	25-MAR-93	NITRATE/NITRITE	349.0000	MG/KG			10.3000	V	7.1	4	8
43793	BH40332AE	BH	REAL	23-FEB-93	NITRATE/NITRITE	21.3000	MG/KG			0.9600	V	7.1	0	6
43993	BH40353AE	BH	REAL	10-FEB-93	NITRATE/NITRITE	8.4500	MG/KG			0.2300	V	7.1	0	6
44093	BH40351AE	BH	REAL	10-FEB-93	NITRATE/NITRITE	7.8800	MG/KG			0.2200	V	7.1	6	10.4
44593	BH40001AE	BH	REAL	14-DEC-92	NITRATE/NITRITE	45.9000	UG/G			0.2000	V	7.1	0	6.2
44593	BH40005AE	BH	REAL	14-DEC-92	NITRATE/NITRITE	15.5000	UG/G			0.2000	V	7.1	6.2	11.4
44893	BH40191AE	BH	REAL	14-JAN-93	NITRATE/NITRITE	7.7000	MG/KG			0.2300	V	7.1	6.2	12.2
45693	BH40374AE	BH	REAL	19-MAR-93	NITRATE/NITRITE	221.0000	MG/KG			25.6000	V	7.1	0	6
45893	BH40380AE	BH	REAL	16-MAR-93	NITRATE/NITRITE	7.1300	MG/KG			0.2500	V	7.1	6	8.7
45893	BH40382AE	BH	REAL	16-MAR-93	NITRATE/NITRITE	112.0000	MG/KG			4.6700	V	7.1	8.7	22
46193	BH40385AE	BH	REAL	24-MAR-93	NITRATE/NITRITE	214.0000	MG/KG			4.8600	V	7.1	0	6
46593	BH40785AE	BH	REAL	06-NOV-93	NITRATE/NITRITE	5200.0000	UG/G			0.5000	V	7.1	0.75	4.75
46593	BH40713AE	BH	REAL	08-NOV-93	NITRATE/NITRITE	668.0000	UG/G			0.5000	V	7.1	10.7	16.4
46593	BH40787AE	BH	REAL	08-NOV-93	NITRATE/NITRITE	634.0000	UG/G			0.5000	V	7.1	6.75	8.75
46593	BH40790AE	BH	REAL	08-NOV-93	NITRATE/NITRITE	507.0000	UG/G			0.5000	V	7.1	8.75	10.7
46693	BH40791AE	BH	REAL	08-NOV-93	NITRATE/NITRITE	462.0000	UG/G			0.5000	V	7.1	0.5	4.25
46693	BH40796AE	BH	REAL	09-NOV-93	NITRATE/NITRITE	1030.0000	UG/G			0.2000	JA	7.1	6.60	7.60
46693	BH40728AE	BH	REAL	09-NOV-93	NITRATE/NITRITE	558.0000	UG/G			0.2000	JA	7.1	8.6	14.8
46793	BH40797AE	BH	REAL	10-NOV-93	NITRATE/NITRITE	2640.0000	UG/G			0.2000	JA	7.1	0.50	4.50
46793	BH40802AE	BH	REAL	10-NOV-93	NITRATE/NITRITE	1050.0000	UG/G			0.2000	JA	7.1	6.50	8.50
46793	BH40742AE	BH	REAL	10-NOV-93	NITRATE/NITRITE	791.0000	UG/G			0.2000	JA	7.1	8.50	14.7
46893	BH40803AE	BH	REAL	19-NOV-93	NITRATE/NITRITE	115.0000	UG/G			0.2000	JA	7.1	0.50	4.60
46893	BH40808AE	BH	REAL	19-NOV-93	NITRATE/NITRITE	496.0000	UG/G			0.2000	JA	7.1	11.5	12.5
46893	BH40805AE	BH	REAL	19-NOV-93	NITRATE/NITRITE	162.0000	UG/G			0.2000	JA	7.1	4.60	8.60
46993	BH40809AE	BH	REAL	22-NOV-93	NITRATE/NITRITE	311.0000	UG/G			0.2000	JA	7.1	1.30	5.00
46993	BH40814AE	BH	REAL	22-NOV-93	NITRATE/NITRITE	2860.0000	UG/G			0.2000	JA	7.1	5.50	7.00
46993	BH40770AE	BH	REAL	22-NOV-93	NITRATE/NITRITE	308.0000	UG/G			0.2000	JA	7.1	7.20	13.1
47093	BH40815AE	BH	REAL	17-NOV-93	NITRATE/NITRITE	46.9000	UG/G			0.2000	JA	7.1	0.7	4.7
47093	BH40817AE	BH	REAL	18-NOV-93	NITRATE/NITRITE	128.0000	UG/G			0.2000	JA	7.1	4.80	8.80

Appendix II.Z-1
Historical - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
3787	BH378725BR	BH	REAL	17-JUL-87	BARIUM	390.0000	MG/KG			0.0000	N	93.87	25.0	26.2
3987	BH398714CT	BH	REAL	12-AUG-87	BARIUM	413.0000	MG/KG			0.0000	N	93.87	14.5	17.0
3987	BH398717BR	BH	REAL	12-AUG-87	BARIUM	94.0000	MG/KG			0.0000	N	93.87	17.0	19.5
40191	BH00003EB	BH	REAL	18-SEP-91	BARIUM	213.0000	MG/KG			40.0000	V	93.87	0.0	6.0
40191	BH00006EB	BH	REAL	18-SEP-91	BARIUM	103.0000	MG/KG			40.0000	V	93.87	12.0	16.0
5687	BH568702DH	BH	REAL	10-SEP-87	BARIUM	107.0000	MG/KG			0.0000	N	93.87	2.0	3.5
P207589	SEP0389BR0003	BH	REAL	18-MAY-89	BARIUM	193.0000	MG/KG			46.9000		93.87	0.0	3.0
P207589	SEP0389BR0309	BH	REAL	18-MAY-89	BARIUM	155.0000	MG/KG			40.0000	V	93.87	3.0	9.4
P207589	SEP0389BR0915	BH	REAL	18-MAY-89	BARIUM	128.0000	MG/KG			40.0000	V	93.87	9.4	15.4
P207789	SEP0589BR0006	BH	REAL	05-MAY-89	BARIUM	151.0000	MG/KG			40.0000	A	93.87	0.0	5.8
P207789	SEP0589BR1318	BH	REAL	05-MAY-89	BARIUM	204.0000	MG/KG			40.0000	A	93.87	12.9	18.3
P207889	SEP06890003	BH	REAL	01-MAY-89	BARIUM	269.0000	UG/G			51.7000	A	93.87	0.0	2.9
P207889	SEP06890306	BH	REAL	01-MAY-89	BARIUM	122.0000	UG/G			47.7000	A	93.87	2.9	5.5
P207989	SEP0789BR0306	BH	REAL	02-MAY-89	BARIUM	119.0000	MG/KG			40.0000	V	93.87	2.6	6.0
P207989	SEP0789BR0612	BH	REAL	02-MAY-89	BARIUM	216.0000	MG/KG			40.0000	V	93.87	6.0	12.2
P208889	SEP1689BR0004	BH	REAL	09-MAY-89	BARIUM	131.0000	MG/KG			43.6000		93.87	0.0	3.5
P208889	SEP1689BR0410	BH	REAL	09-MAY-89	BARIUM	11600.0000	MG/KG			40.0000	V	93.87	3.5	9.5
P208989	SEP1789BR0003	BH	REAL	12-MAY-89	BARIUM	761.0000	MG/KG			40.0000	V	93.87	0.0	0.3
P208989	SEP1789BR0309	BH	REAL	12-MAY-89	BARIUM	199.0000	MG/KG			40.0000	V	93.87	3.0	8.6
P208989	SEP1789BR0915	BH	REAL	12-MAY-89	BARIUM	1100.0000	MG/KG			40.0000	V	93.87	8.6	14.6
P209089	SEP1889BR0309	BH	REAL	17-MAY-89	BARIUM	196.0000	MG/KG			40.0000	A	93.87	3.5	8.6
P209189	SEP1989BR0003	BH	REAL	25-MAY-89	BARIUM	128.0000	MG/KG			44.5000		93.87	0.0	3.0
P209189	SEP1989BR1622	BH	REAL	25-MAY-89	BARIUM	97.2000	MG/KG			40.0000	V	93.87	16.3	22.3
P209389	SEP2189BR0003	BH	REAL	07-JUN-89	BARIUM	143.0000	MG/KG			35.4000		93.87	0.0	3.0
P209389	SEP2189BR1420	BH	REAL	07-JUN-89	BARIUM	96.1000	MG/KG			40.0000	V	93.87	14.2	20.2
P209589	SEP2389BR0004	BH	REAL	10-MAY-89	BARIUM	97.7000	MG/KG			40.0000	V	93.87	0.0	4.1
P209689	SEP2489BR0006	BH	REAL	03-MAY-89	BARIUM	144.0000	MG/KG			48.6000		93.87	0.0	5.6
P209689	SEP2489BR1218	BH	REAL	03-MAY-89	BARIUM	174.0000	MG/KG			40.0000	V	93.87	12.2	18.2
P209889	SEP2689BR0004	BH	REAL	11-MAY-89	BARIUM	152.0000	MG/KG			40.0000	V	93.87	0.0	3.9
P210189	SEP3089BR0003	BH	REAL	19-MAY-89	BARIUM	228.0000	UG/G			50.0000		93.87	0.0	3.0
P210189	SEP3089BR1521	BH	REAL	19-MAY-89	BARIUM	203.0000	MG/KG			40.0000	V	93.87	14.6	20.6
P210189	SEP3089BR2127	BH	REAL	19-MAY-89	BARIUM	169.0000	MG/KG			40.0000	V	93.87	20.6	26.6
P210289	SEP3189BR0003	BH	REAL	15-MAY-89	BARIUM	136.0000	MG/KG			50.1000		93.87	0.0	3.0
P210289	SEP3189BR0306	BH	REAL	15-MAY-89	BARIUM	145.0000	MG/KG			40.0000	V	93.87	3.0	5.2
P210289	SEP3189BR0713	BH	REAL	15-MAY-89	BARIUM	254.0000	MG/KG			40.0000	V	93.87	6.6	13.0
P213089	BH77401890003	BH	REAL	29-AUG-89	BARIUM	115.0000	MG/KG			40.0000	A	93.87	0.0	3.0
P213089	BH77401890305	BH	REAL	29-AUG-89	BARIUM	101.0000	MG/KG			40.0000	A	93.87	3.0	5.0
P213189	BH77402890003	BH	REAL	30-AUG-89	BARIUM	99.6000	MG/KG			40.0000	A	93.87	0.0	3.0
P213289	BH77403890003	BH	REAL	29-AUG-89	BARIUM	120.0000	MG/KG			46.1000		93.87	0.0	3.0
P213389	BH77404890003	BH	REAL	30-AUG-89	BARIUM	111.0000	MG/KG			40.0000	A	93.87	0.0	2.3
P218389	P2183890312	BH	REAL	08-NOV-89	BARIUM	99.9000	MG/KG			40.0000	V	93.87	2.9	10.5
P219189	P2191890003	BH	REAL	30-NOV-89	BARIUM	102.0000	UG/G			46.8000		93.87	0.0	3.0
P219189	P2191891116	BH	REAL	30-NOV-89	BARIUM	116.0000	MG/KG			40.0000	A	93.87	11.0	14.4
P219489	P2194891418	BH	REAL	05-DEC-89	BARIUM	114.0000	MG/KG			40.0000	A	93.87	14.0	18.0
P219489	P2194891822	BH	REAL	05-DEC-89	BARIUM	192.0000	MG/KG			36.9000		93.87	18.0	22.0
SP0187	SP018705DH	BH	REAL	27-OCT-87	BARIUM	113.9977	MG/KG			0.0000	N	93.87	5.0	6.3
SP0187	SP018713DH	BH	REAL	27-OCT-87	BARIUM	94.8918	MG/KG			0.0000	N	93.87	12.7	14.9
SP0187	SP018723DH	BH	REAL	28-OCT-87	BARIUM	115.0266	MG/KG			0.0000	N	93.87	22.7	24.1
SP0287	SP028708UC	BH	REAL	29-OCT-87	BARIUM	122.4280	MG/KG			0.0000	N	93.87	7.6	10.1
SP0387	SP038702DH	BH	REAL	21-OCT-87	BARIUM	124.0000	UG/KG			0.0000	N	93.87	2.0	3.5
SP0487	SP048704DH	BH	REAL	30-OCT-87	BARIUM	174.0399	MG/KG			0.0000	N	93.87	4.0	5.8
SP0487	SP048707DH	BH	REAL	30-OCT-87	BARIUM	169.9247	MG/KG			0.0000	N	93.87	7.0	8.7
SP0487	SP048727DH	BH	REAL	02-NOV-87	BARIUM	919.3092	MG/KG			0.0000	N	93.87	27.0	29.5
SP0587	SP058702DH	BH	REAL	05-NOV-87	BARIUM	166.1240	MG/KG			0.0000	N	93.87	2.0	3.3
SP0587	SP058707DH	BH	REAL	05-NOV-87	BARIUM	132.2499	MG/KG			0.0000	N	93.87	7.0	8.3
SP0587	SP058710DH	BH	REAL	05-NOV-87	BARIUM	201.6574	MG/KG			0.0000	N	93.87	9.5	10.1
SP0587	SP058712DH	BH	REAL	05-NOV-87	BARIUM	110.3728	MG/KG			0.0000	N	93.87	12.8	14.4

Appendix II.Z-1
Historical - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SP0687	SP068708DH	BH	REAL	18-NOV-87	BARIUM	95.7360	MG/KG			0.0000	N	93.87	8.0	10.4
SP0687	SP068711DH	BH	REAL	18-NOV-87	BARIUM	152.5921	MG/KG			0.0000	N	93.87	10.5	12.4
SP0787	SP078700DH	BH	REAL	12-NOV-87	BARIUM	125.3209	MG/KG			0.0000	N	93.87	0.0	1.8
SP0787	SP078713DH	BH	REAL	12-NOV-87	BARIUM	147.8362	MG/KG			0.0000	N	93.87	13.0	14.8
SP0987	SP098703UC	BH	REAL	02-NOV-87	BARIUM	100.7019	MG/KG			0.0000	N	93.87	3.0	5.1
SP1087	SP108702DH	BH	REAL	09-NOV-87	BARIUM	166.1359	MG/KG			0.0000	N	93.87	2.0	3.9
SP1087	SP108704BR	BH	REAL	09-NOV-87	BARIUM	130.7416	MG/KG			0.0000	N	93.87	4.0	5.0
SP1087	SP108705DH	BH	REAL	09-NOV-87	BARIUM	95.1661	MG/KG			0.0000	N	93.87	5.0	7.0
SP1087	SP108711DH	BH	REAL	09-NOV-87	BARIUM	120.2224	MG/KG			0.0000	N	93.87	11.0	13.0
SP1087	SP108717DH	BH	REAL	10-NOV-87	BARIUM	98.7589	MG/KG			0.0000	N	93.87	17.0	19.0
SP1087	SP108719DH	BH	REAL	10-NOV-87	BARIUM	94.4078	MG/KG			0.0000	N	93.87	19.0	21.0
SP1087	SP108723DH	BH	REAL	11-NOV-87	BARIUM	108.5335	MG/KG			0.0000	N	93.87	22.7	23.7
SP1187	SP118708DH	BH	REAL	03-NOV-87	BARIUM	105.1292	MG/KG			0.0000	N	93.87	8.8	11.3
SP1187	SP118716DH	BH	REAL	04-NOV-87	BARIUM	117.5529	MG/KG			0.0000	N	93.87	16.5	17.8
SP1287	SP128716DH	BH	REAL	09-NOV-87	BARIUM	143.0413	MG/KG			0.0000	N	93.87	16.5	19.0
SP1287	SP128719DH	BH	REAL	09-NOV-87	BARIUM	171.3810	MG/KG			0.0000	N	93.87	19.0	21.5
SP1287	SP128731DH	BH	REAL	11-NOV-87	BARIUM	97.8809	MG/KG			0.0000	N	93.87	31.5	32.2
SP1387	SP138700UC	BH	REAL	06-NOV-87	BARIUM	161.2726	MG/KG			0.0000	N	93.87	0.0	1.5
SP1587	SP158702DH	BH	REAL	12-NOV-87	BARIUM	181.5944	MG/KG			0.0000	N	93.87	2.0	2.8
SP1587	SP158708DH	BH	REAL	12-NOV-87	BARIUM	120.7201	MG/KG			0.0000	N	93.87	8.0	10.0
SP1587	SP158710DH	BH	REAL	12-NOV-87	BARIUM	178.9242	MG/KG			0.0000	N	93.87	10.0	12.0
SP1587	SP158714CT	BH	REAL	13-NOV-87	BARIUM	144.4901	MG/KG			0.0000	N	93.87	14.5	17.0
SP1587	SP158717BR	BH	REAL	13-NOV-87	BARIUM	260.8080	MG/KG			0.0000	N	93.87	17.0	19.5
SP1687	SP168711BR	BH	REAL	07-JAN-88	BARIUM	345.0614	MG/KG			0.0000	N	93.87	11.2	13.4
3787	BH37871113	BH	REAL	17-JUL-87	CADMIUM	3.2000	MG/KG			0.0000	N	2.3	11.0	12.3
3787	BH378721CT	BH	REAL	17-JUL-87	CADMIUM	2.9000	MG/KG			0.0000	N	2.3	18.0	21.7
3787	BH378725BR	BH	REAL	17-JUL-87	CADMIUM	3.3000	MG/KG			0.0000	N	2.3	25.0	26.2
3987	BH398702DH	BH	REAL	12-AUG-87	CADMIUM	6.2000	MG/KG			0.0000	N	2.3	2.0	3.4
3987	BH398714CT	BH	REAL	12-AUG-87	CADMIUM	4.3000	MG/KG			0.0000	N	2.3	14.5	17.0
3987	BH398719DH	BH	REAL	12-AUG-87	CADMIUM	4.0000	MG/KG			0.0000	N	2.3	19.5	22.0
P209089	SEP1889BR0003	BH	REAL	17-MAY-89	CADMIUM	11.8000	MG/KG			1.1000		2.3	0.0	3.2
P209089	SEP1889BR0309	BH	REAL	17-MAY-89	CADMIUM	60.4000	MG/KG			1.0000	V	2.3	3.5	8.6
P210189	SEP3089BR0003	BH	REAL	19-MAY-89	CADMIUM	4.2000	UG/G			1.2000		2.3	0.0	3.0
SP0187	SP018704DH	BH	REAL	27-OCT-87	CADMIUM	2.3604	MG/KG			0.0000	N	2.3	4.0	5.0
SP0187	SP018716BR	BH	REAL	28-OCT-87	CADMIUM	2.6807	MG/KG			0.0000	N	2.3	15.2	16.7
SP0287	SP02870008	BH	REAL	29-OCT-87	CADMIUM	2.3847	MG/KG			0.0000	N	2.3	0.0	10.1
SP0287	SP028708UC	BH	REAL	29-OCT-87	CADMIUM	5.0679	MG/KG			0.0000	N	2.3	7.6	10.1
SP0287	SP028711CT	BH	REAL	29-OCT-87	CADMIUM	3.5114	MG/KG			0.0000	N	2.3	10.1	12.6
SP0287	SP028713BR	BH	REAL	29-OCT-87	CADMIUM	2.6465	MG/KG			0.0000	N	2.3	12.6	15.1
SP0487	SP048702DH	BH	REAL	30-OCT-87	CADMIUM	54.1000	MG/KG			0.0000	N	2.3	2.0	3.7
SP0487	SP048704DH	BH	REAL	30-OCT-87	CADMIUM	70.8517	MG/KG			0.0000	N	2.3	4.0	5.8
SP0487	SP048707DH	BH	REAL	30-OCT-87	CADMIUM	7.4073	MG/KG			0.0000	N	2.3	7.0	8.7
SP0487	SP048712DH	BH	REAL	03-NOV-87	CADMIUM	3.5616	MG/KG			0.0000	N	2.3	12.0	14.5
SP0487	SP048717DH	BH	REAL	03-NOV-87	CADMIUM	2.9979	MG/KG			0.0000	N	2.3	17.0	19.5
SP0487	SP048720DH	BH	REAL	03-NOV-87	CADMIUM	2.6828	MG/KG			0.0000	N	2.3	19.5	22.0
SP0487	SP048722DH	BH	REAL	03-NOV-87	CADMIUM	2.7825	MG/KG			0.0000	N	2.3	22.0	24.5
SP0487	SP048725DH	BH	REAL	03-NOV-87	CADMIUM	2.8991	MG/KG			0.0000	N	2.3	24.5	27.0
SP0487	SP048727DH	BH	REAL	02-NOV-87	CADMIUM	3.9734	MG/KG			0.0000	N	2.3	27.0	29.5
SP0487	SP048730DH	BH	REAL	02-NOV-87	CADMIUM	2.7885	MG/KG			0.0000	N	2.3	29.5	32.0
SP0587	SP058702DH	BH	REAL	05-NOV-87	CADMIUM	16.4508	MG/KG			0.0000	N	2.3	2.0	3.3
SP0587	SP058704DH	BH	REAL	05-NOV-87	CADMIUM	10.4682	MG/KG			0.0000	N	2.3	4.0	5.6
SP0587	SP058707DH	BH	REAL	05-NOV-87	CADMIUM	83.6809	MG/KG			0.0000	N	2.3	7.0	8.3
SP0587	SP058710DH	BH	REAL	05-NOV-87	CADMIUM	21.9674	MG/KG			0.0000	N	2.3	9.5	10.1
SP0587	SP058712DH	BH	REAL	05-NOV-87	CADMIUM	19.9581	MG/KG			0.0000	N	2.3	12.8	14.4
SP058/	SP058716DH	BH	REAL	05-NOV-87	CADMIUM	7.3013	MG/KG			0.0000	N	2.3	15.3	17.3
SP0687	SP068711DH	BH	REAL	18-NOV-87	CADMIUM	4.4463	MG/KG			0.0000	N	2.3	10.5	12.4
SP0687	SP068718DH	BH	REAL	18-NOV-87	CADMIUM	3.6249	MG/KG			0.0000	N	2.3	18.0	20.5

Appendix II.Z-1
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Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SP0687	SP068721DH	BH	REAL	18-NOV-87	CADMIUM	3.1385	MG/KG			0.0000	N	2.3	20.5	23.0
SP0687	SP068724DH	BH	REAL	19-NOV-87	CADMIUM	2.9506	MG/KG			0.0000	N	2.3	23.2	25.7
SP0687	SP068726DH	BH	REAL	19-NOV-87	CADMIUM	2.6979	MG/KG			0.0000	N	2.3	25.7	28.2
SP0787	SP078700DH	BH	REAL	12-NOV-87	CADMIUM	8.0138	MG/KG			0.0000	N	2.3	0.0	1.8
SP0787	SP078702DH	BH	REAL	12-NOV-87	CADMIUM	3.3661	MG/KG			0.0000	N	2.3	2.0	3.8
SP0787	SP078711DH	BH	REAL	12-NOV-87	CADMIUM	2.6252	MG/KG			0.0000	N	2.3	10.5	12.2
SP0787	SP078713DH	BH	REAL	12-NOV-87	CADMIUM	3.3610	MG/KG			0.0000	N	2.3	13.0	14.8
SP0787	SP078716DH	BH	REAL	13-NOV-87	CADMIUM	3.8855	MG/KG			0.0000	N	2.3	15.5	16.7
SP0787	SP078721CT	BH	REAL	13-NOV-87	CADMIUM	2.5787	MG/KG			0.0000	N	2.3	20.5	23.0
SP0787	SP078723BR	BH	REAL	13-NOV-87	CADMIUM	2.8051	MG/KG			0.0000	N	2.3	23.0	26.0
SP0787	SP078726DH	BH	REAL	13-NOV-87	CADMIUM	2.8779	MG/KG			0.0000	N	2.3	26.0	28.5
SP0987	SP098703UC	BH	REAL	02-NOV-87	CADMIUM	2.6679	MG/KG			0.0000	N	2.3	3.0	5.1
SP1087	SP108700DH	BH	REAL	09-NOV-87	CADMIUM	4.0355	MG/KG			0.0000	N	2.3	0.0	1.8
SP1087	SP108702DH	BH	REAL	09-NOV-87	CADMIUM	3.0477	MG/KG			0.0000	N	2.3	2.0	3.9
SP1087	SP108704BR	BH	REAL	09-NOV-87	CADMIUM	3.1792	MG/KG			0.0000	N	2.3	4.0	5.0
SP1087	SP108707DH	BH	REAL	09-NOV-87	CADMIUM	2.8176	MG/KG			0.0000	N	2.3	7.0	9.0
SP1087	SP108711DH	BH	REAL	09-NOV-87	CADMIUM	2.6483	MG/KG			0.0000	N	2.3	11.0	13.0
SP1087	SP108715DH	BH	REAL	09-NOV-87	CADMIUM	2.6610	MG/KG			0.0000	N	2.3	15.0	16.9
SP1087	SP108717DH	BH	REAL	10-NOV-87	CADMIUM	2.5593	MG/KG			0.0000	N	2.3	17.0	19.0
SP1087	SP108719DH	BH	REAL	10-NOV-87	CADMIUM	100.6616	MG/KG			0.0000	N	2.3	19.0	21.0
SP1087	SP108721WT	BH	REAL	10-NOV-87	CADMIUM	2.7127	MG/KG			0.0000	N	2.3	21.0	23.0
SP1087	SP108723DH	BH	REAL	11-NOV-87	CADMIUM	2.8459	MG/KG			0.0000	N	2.3	22.7	23.7
SP1087	SP108724DH	BH	REAL	11-NOV-87	CADMIUM	2.9537	MG/KG			0.0000	N	2.3	23.7	25.7
SP1187	SP11870008	BH	REAL	04-NOV-87	CADMIUM	2.3714	MG/KG			0.0000	N	2.3	0.0	8.8
SP1187	SP118708DH	BH	REAL	03-NOV-87	CADMIUM	3.4179	MG/KG			0.0000	N	2.3	8.8	11.3
SP1187	SP118724DH	BH	REAL	04-NOV-87	CADMIUM	2.8755	MG/KG			0.0000	N	2.3	24.0	26.5
SP1187	SP118729DH	BH	REAL	05-NOV-87	CADMIUM	2.6353	MG/KG			0.0000	N	2.3	29.0	31.5
SP1287	SP12870916	BH	REAL	10-NOV-87	CADMIUM	3.5042	MG/KG			0.0000	N	2.3	9.0	16.5
SP1287	SP128716DH	BH	REAL	09-NOV-87	CADMIUM	3.2367	MG/KG			0.0000	N	2.3	16.5	19.0
SP1287	SP128719DH	BH	REAL	09-NOV-87	CADMIUM	2.9804	MG/KG			0.0000	N	2.3	19.0	21.5
SP1287	SP128721DH	BH	REAL	10-NOV-87	CADMIUM	3.3034	MG/KG			0.0000	N	2.3	21.5	24.0
SP1287	SP128724DH	BH	REAL	10-NOV-87	CADMIUM	2.3462	MG/KG			0.0000	N	2.3	24.0	25.2
SP1287	SP128726DH	BH	REAL	10-NOV-87	CADMIUM	2.4906	MG/KG			0.0000	N	2.3	26.5	29.0
SP1287	SP128729DH	BH	REAL	10-NOV-87	CADMIUM	2.5691	MG/KG			0.0000	N	2.3	29.0	31.5
SP1287	SP128731DH	BH	REAL	11-NOV-87	CADMIUM	3.3635	MG/KG			0.0000	N	2.3	31.5	32.2
SP1287	SP128734DH	BH	REAL	11-NOV-87	CADMIUM	3.2716	MG/KG			0.0000	N	2.3	34.0	34.5
SP1287	SP128739DH	BH	REAL	11-NOV-87	CADMIUM	2.6334	MG/KG			0.0000	N	2.3	39.0	41.5
SP1287	SP128741DH	BH	REAL	11-NOV-87	CADMIUM	2.6319	MG/KG			0.0000	N	2.3	41.5	44.0
SP1387	SP138703BR	BH	REAL	06-NOV-87	CADMIUM	2.4268	MG/KG			0.0000	N	2.3	3.5	6.5
SP1387	SP138706DH	BH	REAL	06-NOV-87	CADMIUM	2.5738	MG/KG			0.0000	N	2.3	6.5	9.0
SP1387	SP138711DH	BH	REAL	06-NOV-87	CADMIUM	2.7270	MG/KG			0.0000	N	2.3	11.5	14.0
SP1487	SP148702CT	BH	REAL	11-NOV-87	CADMIUM	2.7228	MG/KG			0.0000	N	2.3	2.0	4.0
SP1487	SP148704BR	BH	REAL	12-NOV-87	CADMIUM	2.3047	MG/KG			0.0000	N	2.3	4.0	7.0
SP1587	SP158702DH	BH	REAL	12-NOV-87	CADMIUM	2.6556	MG/KG			0.0000	N	2.3	2.0	2.8
SP1587	SP158708DH	BH	REAL	12-NOV-87	CADMIUM	2.3540	MG/KG			0.0000	N	2.3	8.0	10.0
SP1587	SP158710DH	BH	REAL	12-NOV-87	CADMIUM	2.7760	MG/KG			0.0000	N	2.3	10.0	12.0
SP1587	SP158712WT	BH	REAL	13-NOV-87	CADMIUM	2.3505	MG/KG			0.0000	N	2.3	12.0	14.5
SP1587	SP158714CT	BH	REAL	13-NOV-87	CADMIUM	2.4669	MG/KG			0.0000	N	2.3	14.5	17.0
SP1587	SP158717BR	BH	REAL	13-NOV-87	CADMIUM	3.0263	MG/KG			0.0000	N	2.3	17.0	19.5
SP1687	SP168708UC	BH	REAL	07-JAN-88	CADMIUM	3.5248	MG/KG			0.0000	N	2.3	6.0	8.0
SP1687	SP168710CT	BH	REAL	07-JAN-88	CADMIUM	3.2897	MG/KG			0.0000	N	2.3	10.0	11.2
SP1687	SP168711BR	BH	REAL	07-JAN-88	CADMIUM	2.9897	MG/KG			0.0000	N	2.3	11.2	13.4
3787	BH378705WS	BH	REAL	16-JUL-87	CALCIUM	47300.0000	MG/KG			0.0000	N	7781.79	5.0	5.0
3787	BH37871113	BH	REAL	17-JUL-87	CALCIUM	15800.0000	MG/KG			0.0000	N	7781.79	11.0	12.3
3787	BH378721CT	BH	REAL	17-JUL-87	CALCIUM	12800.0000	MG/KG			0.0000	N	7781.79	18.0	21.7
3887	BH38870010	BH	REAL	14-JUL-87	CALCIUM	48600.0000	MG/KG			0.0000	N	7781.79	0.0	9.5
3987	BH398702DH	BH	REAL	12-AUG-87	CALCIUM	16100.0000	MG/KG			0.0000	N	7781.79	2.0	3.4

Appendix II.Z-1
Historical - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
3987	BH398704DH	BH	REAL	12-AUG-87	CALCIUM	24400.0000	MG/KG			0.0000	N	7781.79	4.0	5.5
3987	BH398707DH	BH	REAL	12-AUG-87	CALCIUM	12200.0000	MG/KG			0.0000	N	7781.79	7.0	8.0
40191	BH00003EB	BH	REAL	18-SEP-91	CALCIUM	177000.0000	MG/KG		E	1000.0000	V	7781.79	0.0	6.0
40291	BH00013EB	BH	REAL	19-SEP-91	CALCIUM	71200.0000	MG/KG			1000.0000	V	7781.79	0.0	6.0
40291	BH00016EB	BH	REAL	19-SEP-91	CALCIUM	79900.0000	MG/KG			1000.0000	V	7781.79	6.0	12.0
5687	BH568702DH	BH	REAL	10-SEP-87	CALCIUM	217000.0000	MG/KG			0.0000	N	7781.79	2.0	3.5
5687	BH568709DH	BH	REAL	10-SEP-87	CALCIUM	13300.0000	MG/KG			0.0000	N	7781.79	9.5	10.4
5687	BH568712DH	BH	REAL	10-SEP-87	CALCIUM	7950.0000	MG/KG			0.0000	N	7781.79	12.0	14.0
P207589	SEP0389BR0003	BH	REAL	18-MAY-89	CALCIUM	115000.0000	MG/KG			11700.0000		7781.79	0.0	3.0
P207589	SEP0389BR0309	BH	REAL	18-MAY-89	CALCIUM	93500.0000	MG/KG			2000.0000	A	7781.79	3.0	9.4
P207589	SEP0389BR0915	BH	REAL	18-MAY-89	CALCIUM	8560.0000	MG/KG			2000.0000	A	7781.79	9.4	15.4
P207689	SEP04890006	BH	REAL	05-MAY-89	CALCIUM	32100.0000	MG/KG			12000.0000		7781.79	0.0	5.7
P207689	SEP04891215	BH	REAL	05-MAY-89	CALCIUM	10900.0000	MG/KG			2000.0000	V	7781.79	12.6	15.3
P207789	SEP0589BR0006	BH	REAL	05-MAY-89	CALCIUM	104000.0000	MG/KG			2000.0000	V	7781.79	0.0	5.8
P207789	SEP0589BR0613	BH	REAL	05-MAY-89	CALCIUM	79200.0000	MG/KG			2000.0000	V	7781.79	6.3	12.9
P207789	SEP0589BR1318	BH	REAL	05-MAY-89	CALCIUM	23500.0000	MG/KG			2000.0000	V	7781.79	12.9	18.3
P207889	SEP06890003	BH	REAL	01-MAY-89	CALCIUM	9620.0000	UG/G			1290.0000	A	7781.79	0.0	2.9
P207889	SEP06890306	BH	REAL	01-MAY-89	CALCIUM	154000.0000	UG/G			1190.0000	A	7781.79	2.9	5.5
P207989	SEP0789BR0003	BH	REAL	02-MAY-89	CALCIUM	14000.0000	MG/KG			2000.0000	A	7781.79	0.0	2.6
P207989	SEP0789BR0306	BH	REAL	02-MAY-89	CALCIUM	72300.0000	MG/KG			2000.0000	A	7781.79	2.6	6.0
P207989	SEP0789BR0612	BH	REAL	02-MAY-89	CALCIUM	22800.0000	MG/KG			2000.0000	A	7781.79	6.0	12.2
P207989	SEP0789BR1218	BH	REAL	02-MAY-89	CALCIUM	13900.0000	MG/KG			2000.0000	A	7781.79	12.2	18.2
P208889	SEP1689BR0004	BH	REAL	09-MAY-89	CALCIUM	45500.0000	MG/KG			10900.0000		7781.79	0.0	3.5
P208889	SEP1689BR0410	BH	REAL	09-MAY-89	CALCIUM	62100.0000	MG/KG			2000.0000	A	7781.79	3.5	9.5
P208989	SEP1789BR0003	BH	REAL	12-MAY-89	CALCIUM	9780.0000	MG/KG			2000.0000	V	7781.79	0.0	0.3
P208989	SEP1789BR0915	BH	REAL	12-MAY-89	CALCIUM	9240.0000	MG/KG			2000.0000	V	7781.79	8.6	14.6
P209089	SEP1889BR0003	BH	REAL	17-MAY-89	CALCIUM	24300.0000	MG/KG			1110.0000		7781.79	0.0	3.2
P209089	SEP1889BR0309	BH	REAL	17-MAY-89	CALCIUM	80800.0000	MG/KG			2000.0000	V	7781.79	3.5	8.6
P209189	SEP1989BR0003	BH	REAL	25-MAY-89	CALCIUM	12400.0000	MG/KG			1110.0000		7781.79	0.0	3.0
P209389	SEP2189BR0912	BH	REAL	07-JUN-89	CALCIUM	9550.0000	MG/KG			2000.0000	V	7781.79	9.0	11.8
P209489	SEP2289BR0307	BH	REAL	16-MAY-89	CALCIUM	40000.0000	MG/KG			2000.0000	A	7781.79	3.0	7.4
P209489	SEP2289BR0912	BH	REAL	16-MAY-89	CALCIUM	41100.0000	MG/KG			2000.0000	A	7781.79	8.9	12.0
P209689	SEP2489BR0006	BH	REAL	03-MAY-89	CALCIUM	117000.0000	MG/KG			12200.0000		7781.79	0.0	5.6
P209789	SEP25890006	BH	REAL	04-MAY-89	CALCIUM	17800.0000	MG/KG			2000.0000	V	7781.79	0.0	6.2
P209789	SEP25891216	BH	REAL	04-MAY-89	CALCIUM	12300.0000	MG/KG			2000.0000	V	7781.79	12.0	15.2
P209889	SEP2689BR0004	BH	REAL	11-MAY-89	CALCIUM	39400.0000	MG/KG			2000.0000	V	7781.79	0.0	3.9
P209889	SEP2689BR1016	BH	REAL	11-MAY-89	CALCIUM	7810.0000	MG/KG			2000.0000	V	7781.79	9.9	15.9
P210189	SEP3089BR0003	BH	REAL	19-MAY-89	CALCIUM	28700.0000	UG/G			1250.0000		7781.79	0.0	3.0
P210189	SEP3089BR2127	BH	REAL	19-MAY-89	CALCIUM	7920.0000	MG/KG			2000.0000	A	7781.79	20.6	26.6
P210289	SEP3189BR0003	BH	REAL	15-MAY-89	CALCIUM	43800.0000	MG/KG			12500.0000		7781.79	0.0	3.0
P210289	SEP3189BR0713	BH	REAL	15-MAY-89	CALCIUM	48900.0000	MG/KG			2000.0000	V	7781.79	6.6	13.0
P213089	BH77401890003	BH	REAL	29-AUG-89	CALCIUM	8780.0000	MG/KG			2000.0000	A	7781.79	0.0	3.0
P213289	BH77403890003	BH	REAL	29-AUG-89	CALCIUM	10000.0000	MG/KG			1150.0000		7781.79	0.0	3.0
P213289	BH77403890309	BH	REAL	29-AUG-89	CALCIUM	10400.0000	MG/KG			2000.0000	A	7781.79	3.0	9.0
P218389	P2183890003	BH	REAL	08-NOV-89	CALCIUM	16900.0000	MG/KG			2000.0000	A	7781.79	0.0	2.9
P219189	P2191890003	BH	REAL	30-NOV-89	CALCIUM	10500.0000	UG/G			1170.0000		7781.79	0.0	3.0
P219489	P2194890307	BH	REAL	05-DEC-89	CALCIUM	20100.0000	MG/KG			2000.0000	A	7781.79	3.0	7.0
P219489	P2194891418	BH	REAL	05-DEC-89	CALCIUM	18500.0000	MG/KG			2000.0000	A	7781.79	14.0	18.0
P219489	P2194891822	BH	REAL	05-DEC-89	CALCIUM	31300.0000	MG/KG			922.0000		7781.79	18.0	22.0
SP0187	SP018704DH	BH	REAL	27-OCT-87	CALCIUM	14408.6016	MG/KG			0.0000	N	7781.79	4.0	5.0
SP0287	SP02870008	BH	REAL	29-OCT-87	CALCIUM	18390.1172	MG/KG			0.0000	N	7781.79	0.0	10.1
SP0287	SP028708UC	BH	REAL	29-OCT-87	CALCIUM	126076.0310	MG/KG			0.0000	N	7781.79	7.6	10.1
SP0287	SP028711CT	BH	REAL	29-OCT-87	CALCIUM	50604.6523	MG/KG			0.0000	N	7781.79	10.1	12.6
SP0287	SP028713BR	BH	REAL	29-OCT-87	CALCIUM	26297.0117	MG/KG			0.0000	N	7781.79	12.6	15.1
SP0387	SP038716BR	BH	REAL	26-OCT-87	CALCIUM	10347.8857	MG/KG			0.0000	N	7781.79	15.2	16.9
SP0487	SP048704DH	BH	REAL	30-OCT-87	CALCIUM	119857.7580	MG/KG			0.0000	N	7781.79	4.0	5.8
SP0487	SP048707DH	BH	REAL	30-OCT-87	CALCIUM	161428.2660	MG/KG			0.0000	N	7781.79	7.0	8.7
SP0487	SP048712DH	BH	REAL	03-NOV-87	CALCIUM	11990.9922	MG/KG			0.0000	N	7781.79	12.0	14.5

Appendix II.Z-1
Historical - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SP0487	SP048727DH	BH	REAL	02-NOV-87	CALCIUM	38269.7031	MG/KG			0.0000	N	7781.79	27.0	29.5
SP0587	SP058707DH	BH	REAL	05-NOV-87	CALCIUM	90979.6250	MG/KG			0.0000	N	7781.79	7.0	8.3
SP0587	SP058710DH	BH	REAL	05-NOV-87	CALCIUM	48641.1992	MG/KG			0.0000	N	7781.79	9.5	10.1
SP0587	SP058712DH	BH	REAL	05-NOV-87	CALCIUM	20810.4473	MG/KG			0.0000	N	7781.79	12.8	14.4
SP0687	SP068711DH	BH	REAL	18-NOV-87	CALCIUM	143650.5310	MG/KG			0.0000	N	7781.79	10.5	12.4
SP0687	SP068713DH	BH	REAL	18-NOV-87	CALCIUM	8907.6943	MG/KG			0.0000	N	7781.79	13.0	14.3
SP0687	SP068716DH	BH	REAL	18-NOV-87	CALCIUM	12081.1406	MG/KG			0.0000	N	7781.79	15.5	17.7
SP0687	SP068718DH	BH	REAL	18-NOV-87	CALCIUM	48271.4219	MG/KG			0.0000	N	7781.79	18.0	20.5
SP0687	SP068721DH	BH	REAL	18-NOV-87	CALCIUM	8135.2412	MG/KG			0.0000	N	7781.79	20.5	23.0
SP0787	SP078700DH	BH	REAL	12-NOV-87	CALCIUM	48884.2734	MG/KG			0.0000	N	7781.79	0.0	1.8
SP0787	SP078702DH	BH	REAL	12-NOV-87	CALCIUM	10644.3926	MG/KG			0.0000	N	7781.79	2.0	3.8
SP0787	SP078716DH	BH	REAL	13-NOV-87	CALCIUM	56105.0820	MG/KG			0.0000	N	7781.79	15.5	16.7
SP0987	SP098703UC	BH	REAL	02-NOV-87	CALCIUM	39907.7461	MG/KG			0.0000	N	7781.79	3.0	5.1
SP1087	SP108700DH	BH	REAL	09-NOV-87	CALCIUM	17391.3359	MG/KG			0.0000	N	7781.79	0.0	1.8
SP1087	SP108702DH	BH	REAL	09-NOV-87	CALCIUM	39223.7422	MG/KG			0.0000	N	7781.79	2.0	3.9
SP1087	SP108704BR	BH	REAL	09-NOV-87	CALCIUM	20445.0566	MG/KG			0.0000	N	7781.79	4.0	5.0
SP1087	SP108705DH	BH	REAL	09-NOV-87	CALCIUM	13617.8330	MG/KG			0.0000	N	7781.79	5.0	7.0
SP1187	SP118719DH	BH	REAL	04-NOV-87	CALCIUM	7882.5796	MG/KG			0.0000	N	7781.79	19.0	21.5
SP1287	SP128716DH	BH	REAL	09-NOV-87	CALCIUM	17224.7480	MG/KG			0.0000	N	7781.79	16.5	19.0
SP1287	SP128734DH	BH	REAL	11-NOV-87	CALCIUM	9273.2734	MG/KG			0.0000	N	7781.79	34.0	34.5
SP1687	SP168708UC	BH	REAL	07-JAN-88	CALCIUM	63857.2344	MG/KG			0.0000	N	7781.79	6.0	8.0
SP1687	SP168710CT	BH	REAL	07-JAN-88	CALCIUM	85844.5313	MG/KG			0.0000	N	7781.79	10.0	11.2
SP1687	SP168711BR	BH	REAL	07-JAN-88	CALCIUM	10273.9453	MG/KG			0.0000	N	7781.79	11.2	13.4
SP1587	SP158702DH	BH	REAL	12-NOV-87	LITHIUM	100.0000	MG/KG			0.0000	N	83.2	2.0	2.8
3787	BH378725BR	BH	REAL	17-JUL-87	MANGANESE	1610.0000	MG/KG			0.0000	N	190.5	25.0	26.2
3987	BH398707DH	BH	REAL	12-AUG-87	MANGANESE	352.0000	MG/KG			0.0000	N	190.5	7.0	8.0
3987	BH398712UC	BH	REAL	12-AUG-87	MANGANESE	325.0000	MG/KG			0.0000	N	190.5	12.0	14.0
3987	BH398714CT	BH	REAL	12-AUG-87	MANGANESE	3090.0000	MG/KG			0.0000	N	190.5	14.5	17.0
3987	BH398717BR	BH	REAL	12-AUG-87	MANGANESE	453.0000	MG/KG			0.0000	N	190.5	17.0	19.5
40191	BH00006EB	BH	REAL	18-SEP-91	MANGANESE	375.0000	MG/KG			3.0000	JA	190.5	12.0	16.0
5687	BH568709DH	BH	REAL	10-SEP-87	MANGANESE	292.0000	MG/KG			0.0000	N	190.5	9.5	10.4
P207589	SEP0389BR0003	BH	REAL	18-MAY-89	MANGANESE	225.0000	MG/KG			3.5000		190.5	0.0	3.0
P207989	SEP0789BR0306	BH	REAL	02-MAY-89	MANGANESE	192.0000	MG/KG			3.0000	A	190.5	2.6	6.0
P208889	SEP1689BR1016	BH	REAL	09-MAY-89	MANGANESE	192.0000	MG/KG			3.0000	A	190.5	9.5	15.3
P208989	SEP1789BR0003	BH	REAL	12-MAY-89	MANGANESE	192.0000	MG/KG			3.0000	V	190.5	0.0	0.3
P208989	SEP1789BR0309	BH	REAL	12-MAY-89	MANGANESE	636.0000	MG/KG			3.0000	V	190.5	3.0	8.6
P209089	SEP1889BR0309	BH	REAL	17-MAY-89	MANGANESE	269.0000	MG/KG			3.0000	A	190.5	3.5	8.6
P209189	SEP1989BR0003	BH	REAL	25-MAY-89	MANGANESE	205.0000	MG/KG			3.3000		190.5	0.0	3.0
P209189	SEP1989BR1622	BH	REAL	25-MAY-89	MANGANESE	277.0000	MG/KG			3.0000	A	190.5	16.3	22.3
P209289	SEP20890003	BH	REAL	08-JUN-89	MANGANESE	249.0000	MG/KG			3.0000	V	190.5	0.0	3.0
P209289	SEP20890309	BH	REAL	08-JUN-89	MANGANESE	456.0000	MG/KG			3.0000	V	190.5	3.0	9.2
P209289	SEP20890912	BH	REAL	08-JUN-89	MANGANESE	238.0000	MG/KG			3.0000	V	190.5	9.2	12.2
P209289	SEP20891418	BH	REAL	08-JUN-89	MANGANESE	198.0000	MG/KG			3.0000	A	190.5	13.8	17.8
P209389	SEP2189BR0003	BH	REAL	07-JUN-89	MANGANESE	242.0000	MG/KG			2.7000		190.5	0.0	3.0
P209389	SEP2189BR0309	BH	REAL	07-JUN-89	MANGANESE	277.0000	MG/KG			3.0000	A	190.5	3.0	9.0
P209389	SEP2189BR1420	BH	REAL	07-JUN-89	MANGANESE	259.0000	MG/KG			3.0000	V	190.5	14.2	20.2
P209389	SEP2189BR2026	BH	REAL	07-JUN-89	MANGANESE	228.0000	MG/KG			3.0000	V	190.5	20.2	26.2
P209489	SEP2289BR1213	BH	REAL	16-MAY-89	MANGANESE	198.0000	MG/KG			3.0000	A	190.5	12.0	13.3
P209689	SEP2489BR0006	BH	REAL	03-MAY-89	MANGANESE	240.0000	MG/KG			3.6000		190.5	0.0	5.6
P209689	SEP2489BR1218	BH	REAL	03-MAY-89	MANGANESE	1620.0000	MG/KG			3.0000	A	190.5	12.2	18.2
P209889	SEP2689BR0004	BH	REAL	11-MAY-89	MANGANESE	192.0000	MG/KG			3.0000	V	190.5	0.0	3.9
P209889	SEP2689BR1016	BH	REAL	11-MAY-89	MANGANESE	232.0000	MG/KG			3.0000	V	190.5	9.9	15.9
P210189	SEP3089BR0003	BH	REAL	19-MAY-89	MANGANESE	231.0000	UG/G			3.8000		190.5	0.0	3.0
P210189	SEP3089BR1521	BH	REAL	19-MAY-89	MANGANESE	533.0000	MG/KG			3.0000	A	190.5	14.6	20.6
P210189	SEP3089BR2127	BH	REAL	19-MAY-89	MANGANESE	382.0000	MG/KG			3.0000	A	190.5	20.6	26.6
P210289	SEP3189BR0306	BH	REAL	15-MAY-89	MANGANESE	226.0000	MG/KG			3.0000	V	190.5	3.0	5.2

Appendix II.Z-1
Historical - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P213089	BH77401890003	BH	REAL	29-AUG-89	MANGANESE	419.0000	MG/KG			3.0000	A	190.5	0.0	3.0
P213089	BH77401890305	BH	REAL	29-AUG-89	MANGANESE	204.0000	MG/KG			3.0000	A	190.5	3.0	5.0
P213189	BH77402890307	BH	REAL	30-AUG-89	MANGANESE	284.0000	MG/KG			3.0000	A	190.5	3.0	7.0
P213289	BH77403890003	BH	REAL	29-AUG-89	MANGANESE	413.0000	MG/KG			3.5000		190.5	0.0	3.0
P213389	BH77404890003	BH	REAL	30-AUG-89	MANGANESE	228.0000	MG/KG			3.0000	A	190.5	0.0	2.3
P218389	P2183890312	BH	REAL	08-NOV-89	MANGANESE	594.0000	MG/KG			3.0000	A	190.5	2.9	10.5
P218389	P2183891216	BH	REAL	08-NOV-89	MANGANESE	236.0000	MG/KG			3.0000	A	190.5	12.0	16.0
P219189	P2191890711	BH	REAL	30-NOV-89	MANGANESE	232.0000	MG/KG			3.0000	A	190.5	7.0	11.0
P219489	P2194890307	BH	REAL	05-DEC-89	MANGANESE	357.0000	MG/KG			3.0000	A	190.5	3.0	7.0
P219489	P2194891418	BH	REAL	05-DEC-89	MANGANESE	248.0000	MG/KG			3.0000	A	190.5	14.0	18.0
P219489	P2194891822	BH	REAL	05-DEC-89	MANGANESE	245.0000	MG/KG			2.8000		190.5	18.0	22.0
P219589	P2195890003	BH	REAL	07-DEC-89	MANGANESE	562.0000	MG/KG			3.0000	V	190.5	0.0	3.0
P219589	P2195890711	BH	REAL	07-DEC-89	MANGANESE	196.0000	MG/KG			3.0000	V	190.5	8.0	10.9
SP0187	SP018704DH	BH	REAL	27-OCT-87	MANGANESE	197.1495	MG/KG			0.0000	N	190.5	4.0	5.0
SP0187	SP018711DH	BH	REAL	27-OCT-87	MANGANESE	293.9701	MG/KG			0.0000	N	190.5	10.5	12.2
SP0187	SP018713DH	BH	REAL	27-OCT-87	MANGANESE	407.8099	MG/KG			0.0000	N	190.5	12.7	14.9
SP0187	SP018723DH	BH	REAL	28-OCT-87	MANGANESE	313.5940	MG/KG			0.0000	N	190.5	22.7	24.1
SP0287	SP02870008	BH	REAL	29-OCT-87	MANGANESE	218.2263	MG/KG			0.0000	N	190.5	0.0	10.1
SP0387	SP038702DH	BH	REAL	21-OCT-87	MANGANESE	558.0000	UG/KG			0.0000	N	190.5	2.0	3.5
SP0487	SP048704DH	BH	REAL	30-OCT-87	MANGANESE	219.4141	MG/KG			0.0000	N	190.5	4.0	5.8
SP0587	SP058707DH	BH	REAL	05-NOV-87	MANGANESE	508.8988	MG/KG			0.0000	N	190.5	7.0	8.3
SP0587	SP058710DH	BH	REAL	05-NOV-87	MANGANESE	802.1201	MG/KG			0.0000	N	190.5	9.5	10.1
SP0587	SP058712DH	BH	REAL	05-NOV-87	MANGANESE	233.2486	MG/KG			0.0000	N	190.5	12.8	14.4
SP0687	SP068708DH	BH	REAL	18-NOV-87	MANGANESE	289.6226	MG/KG			0.0000	N	190.5	8.0	10.4
SP0787	SP078700DH	BH	REAL	12-NOV-87	MANGANESE	269.5365	MG/KG			0.0000	N	190.5	0.0	1.8
SP0787	SP078711DH	BH	REAL	12-NOV-87	MANGANESE	290.6646	MG/KG			0.0000	N	190.5	10.5	12.2
SP0787	SP078713DH	BH	REAL	12-NOV-87	MANGANESE	224.2056	MG/KG			0.0000	N	190.5	13.0	14.8
SP0787	SP078716DH	BH	REAL	13-NOV-87	MANGANESE	212.0189	MG/KG			0.0000	N	190.5	15.5	16.7
SP1087	SP108702DH	BH	REAL	09-NOV-87	MANGANESE	205.3798	MG/KG			0.0000	N	190.5	2.0	3.9
SP1087	SP108704BR	BH	REAL	09-NOV-87	MANGANESE	509.1434	MG/KG			0.0000	N	190.5	4.0	5.0
SP1087	SP108717DH	BH	REAL	10-NOV-87	MANGANESE	425.7629	MG/KG			0.0000	N	190.5	17.0	19.0
SP1187	SP118714DH	BH	REAL	04-NOV-87	MANGANESE	205.1515	MG/KG			0.0000	N	190.5	14.0	15.1
SP1187	SP118716DH	BH	REAL	04-NOV-87	MANGANESE	330.1747	MG/KG			0.0000	N	190.5	16.5	17.8
SP1187	SP118729DH	BH	REAL	05-NOV-87	MANGANESE	275.8702	MG/KG			0.0000	N	190.5	29.0	31.5
SP1287	SP128719DH	BH	REAL	09-NOV-87	MANGANESE	223.2827	MG/KG			0.0000	N	190.5	19.0	21.5
SP1387	SP138700UC	BH	REAL	06-NOV-87	MANGANESE	225.6887	MG/KG			0.0000	N	190.5	0.0	1.5
SP1487	SP148702CT	BH	REAL	11-NOV-87	MANGANESE	219.7527	MG/KG			0.0000	N	190.5	2.0	4.0
SP1587	SP158702DH	BH	REAL	12-NOV-87	MANGANESE	512.2239	MG/KG			0.0000	N	190.5	2.0	2.8
SP1587	SP158710DH	BH	REAL	12-NOV-87	MANGANESE	501.7424	MG/KG			0.0000	N	190.5	10.0	12.0
SP1687	SP168711BR	BH	REAL	07-JAN-88	MANGANESE	1257.9821	MG/KG			0.0000	N	190.5	11.2	13.4
P207689	SEP04890006	BH	REAL	05-MAY-89	POTASSIUM	1710.0000	MG/KG			1200.0000		1562.86	0.0	5.7
P207889	SEP06890003	BH	REAL	01-MAY-89	POTASSIUM	2820.0000	UG/G			1290.0000	A	1562.86	0.0	2.9
P207989	SEP0789BR0003	BH	REAL	02-MAY-89	POTASSIUM	1750.0000	MG/KG			2000.0000	V	1562.86	0.0	2.6
P208889	SEP1689BR0004	BH	REAL	09-MAY-89	POTASSIUM	2520.0000	MG/KG			1090.0000		1562.86	0.0	3.5
P209089	SEP1889BR0309	BH	REAL	17-MAY-89	POTASSIUM	2370.0000	MG/KG			2000.0000	A	1562.86	3.5	8.6
P209189	SEP1989BR0003	BH	REAL	25-MAY-89	POTASSIUM	1980.0000	MG/KG			1110.0000		1562.86	0.0	3.0
P209189	SEP1989BR0309	BH	REAL	25-MAY-89	POTASSIUM	3740.0000	MG/KG			2000.0000	V	1562.86	3.0	9.5
P209189	SEP1989BR1016	BH	REAL	25-MAY-89	POTASSIUM	1570.0000	MG/KG			2000.0000	V	1562.86	10.3	16.3
P209389	SEP2189BR0912	BH	REAL	07-JUN-89	POTASSIUM	2210.0000	MG/KG			2000.0000	V	1562.86	9.0	11.8
P209589	SEP2389BR0004	BH	REAL	10-MAY-89	POTASSIUM	2590.0000	MG/KG			2000.0000	A	1562.86	0.0	4.1
P209589	SEP2389BR0410	BH	REAL	10-MAY-89	POTASSIUM	1950.0000	MG/KG			2000.0000	A	1562.86	4.1	10.0
P209589	SEP2389BR1015	BH	REAL	10-MAY-89	POTASSIUM	1580.0000	MG/KG			2000.0000	A	1562.86	10.0	14.5
P210189	SEP3089BR0003	BH	REAL	19-MAY-89	POTASSIUM	4320.0000	UG/G			125.0000		1562.86	0.0	3.0
P210189	SEP3089BR0309	BH	REAL	19-MAY-89	POTASSIUM	4620.0000	MG/KG			2000.0000	A	1562.86	3.0	9.0
P210189	SEP3089BR2127	BH	REAL	19-MAY-89	POTASSIUM	1770.0000	MG/KG			2000.0000	A	1562.86	20.6	26.6
P210289	SEP3189BR0003	BH	REAL	15-MAY-89	POTASSIUM	2340.0000	MG/KG			1250.0000		1562.86	0.0	3.0
P213089	BH77401890305	BH	REAL	29-AUG-89	POTASSIUM	3470.0000	MG/KG			2000.0000	V	1562.86	3.0	5.0

Appendix II.2-1
Historical - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P213089	BH77401890507	BH	REAL	29-AUG-89	POTASSIUM	1680.0000	MG/KG			2000.0000	A	1562.86	5.0	7.0
P213189	BH77402890003	BH	REAL	30-AUG-89	POTASSIUM	2310.0000	MG/KG			2000.0000	A	1562.86	0.0	3.0
P213189	BH77402890307	BH	REAL	30-AUG-89	POTASSIUM	2530.0000	MG/KG			2000.0000	A	1562.86	3.0	7.0
P213289	BH77403890003	BH	REAL	29-AUG-89	POTASSIUM	2230.0000	MG/KG			1150.0000		1562.86	0.0	3.0
P213289	BH77403890309	BH	REAL	29-AUG-89	POTASSIUM	2680.0000	MG/KG			2000.0000	A	1562.86	3.0	9.0
P213289	BH77403891014	BH	REAL	29-AUG-89	POTASSIUM	1600.0000	MG/KG			2000.0000	A	1562.86	10.0	14.0
P213389	BH77404890003	BH	REAL	30-AUG-89	POTASSIUM	1890.0000	MG/KG			2000.0000	A	1562.86	0.0	2.3
P219489	P2194891418	BH	REAL	05-DEC-89	POTASSIUM	3570.0000	MG/KG			2000.0000	V	1562.86	14.0	18.0
P219489	P2194891822	BH	REAL	05-DEC-89	POTASSIUM	3010.0000	MG/KG			922.0000		1562.86	18.0	22.0
SP0187	SP018704DH	BH	REAL	27-OCT-87	POTASSIUM	2300.0000	MG/KG			0.0000	N	1562.86	4.0	5.0
SP0187	SP018705DH	BH	REAL	27-OCT-87	POTASSIUM	3600.0000	MG/KG			0.0000	N	1562.86	5.0	6.3
SP0287	SP02870008	BH	REAL	29-OCT-87	POTASSIUM	1600.0000	MG/KG			0.0000	N	1562.86	0.0	10.1
SP0487	SP048702DH	BH	REAL	30-OCT-87	POTASSIUM	1700.0000	MG/KG			0.0000	N	1562.86	2.0	3.7
SP0487	SP048704DH	BH	REAL	30-OCT-87	POTASSIUM	3500.0000	MG/KG			0.0000	N	1562.86	4.0	5.8
SP0487	SP048707DH	BH	REAL	30-OCT-87	POTASSIUM	1600.0000	MG/KG			0.0000	N	1562.86	7.0	8.7
SP0487	SP048712DH	BH	REAL	03-NOV-87	POTASSIUM	1600.0000	MG/KG			0.0000	N	1562.86	12.0	14.5
SP0587	SP058702DH	BH	REAL	05-NOV-87	POTASSIUM	2600.0000	MG/KG			0.0000	N	1562.86	2.0	3.3
SP0587	SP058704DH	BH	REAL	05-NOV-87	POTASSIUM	2600.0000	MG/KG			0.0000	N	1562.86	4.0	5.6
SP0587	SP058707DH	BH	REAL	05-NOV-87	POTASSIUM	2900.0000	MG/KG			0.0000	N	1562.86	7.0	8.3
SP0587	SP058710DH	BH	REAL	05-NOV-87	POTASSIUM	3900.0000	MG/KG			0.0000	N	1562.86	9.5	10.1
SP0587	SP058712DH	BH	REAL	05-NOV-87	POTASSIUM	3800.0000	MG/KG			0.0000	N	1562.86	12.8	14.4
SP0587	SP058716DH	BH	REAL	05-NOV-87	POTASSIUM	3400.0000	MG/KG			0.0000	N	1562.86	15.3	17.3
SP0687	SP068708DH	BH	REAL	18-NOV-87	POTASSIUM	3300.0000	MG/KG			0.0000	N	1562.86	8.0	10.4
SP0687	SP068721DH	BH	REAL	18-NOV-87	POTASSIUM	2200.0000	MG/KG			0.0000	N	1562.86	20.5	23.0
SP0687	SP068726DH	BH	REAL	19-NOV-87	POTASSIUM	2000.0000	MG/KG			0.0000	N	1562.86	25.7	28.2
SP0787	SP078700DH	BH	REAL	12-NOV-87	POTASSIUM	4300.0000	MG/KG			0.0000	N	1562.86	0.0	1.8
SP0787	SP078702DH	BH	REAL	12-NOV-87	POTASSIUM	2500.0000	MG/KG			0.0000	N	1562.86	2.0	3.8
SP0787	SP078711DH	BH	REAL	12-NOV-87	POTASSIUM	2400.0000	MG/KG			0.0000	N	1562.86	10.5	12.2
SP0787	SP078713DH	BH	REAL	12-NOV-87	POTASSIUM	1700.0000	MG/KG			0.0000	N	1562.86	13.0	14.8
SP0787	SP078721CT	BH	REAL	13-NOV-87	POTASSIUM	2100.0000	MG/KG			0.0000	N	1562.86	20.5	23.0
SP0887	SP088703UC	BH	REAL	29-OCT-87	POTASSIUM	4000.0000	MG/KG			0.0000	N	1562.86	3.5	6.5
SP0887	SP088706CT	BH	REAL	29-OCT-87	POTASSIUM	3500.0000	MG/KG			0.0000	N	1562.86	6.9	8.5
SP1087	SP108700DH	BH	REAL	09-NOV-87	POTASSIUM	3600.0000	MG/KG			0.0000	N	1562.86	0.0	1.8
SP1087	SP108702DH	BH	REAL	09-NOV-87	POTASSIUM	1600.0000	MG/KG			0.0000	N	1562.86	2.0	3.9
SP1187	SP118714DH	BH	REAL	04-NOV-87	POTASSIUM	1600.0000	MG/KG			0.0000	N	1562.86	14.0	15.1
SP1187	SP118716DH	BH	REAL	04-NOV-87	POTASSIUM	1900.0000	MG/KG			0.0000	N	1562.86	16.5	17.8
SP1287	SP128719DH	BH	REAL	09-NOV-87	POTASSIUM	2100.0000	MG/KG			0.0000	N	1562.86	19.0	21.5
SP1287	SP128721DH	BH	REAL	10-NOV-87	POTASSIUM	3000.0000	MG/KG			0.0000	N	1562.86	21.5	24.0
SP1587	SP158714CT	BH	REAL	13-NOV-87	POTASSIUM	1600.0000	MG/KG			0.0000	N	1562.86	14.5	17.0
P210189	SEP3089BR0309	BH	REAL	19-MAY-89	SODIUM	3450.0000	MG/KG			2000.0000	V	2720	3.0	9.0
SP0587	SP058716DH	BH	REAL	05-NOV-87	SODIUM	3578.0984	MG/KG			0.0000	N	2720	15.3	17.3
3787	BH37871113	BH	REAL	17-JUL-87	ZINC	31.0000	MG/KG			0.0000	N	23.64	11.0	12.3
3787	BH378721CT	BH	REAL	17-JUL-87	ZINC	29.0000	MG/KG			0.0000	N	23.64	18.0	21.7
3787	BH378725BR	BH	REAL	17-JUL-87	ZINC	66.0000	MG/KG			0.0000	N	23.64	25.0	26.2
3887	BH388720BR	BH	REAL	14-JUL-87	ZINC	40.0000	MG/KG			0.0000	N	23.64	20.4	21.3
3987	BH398702DH	BH	REAL	12-AUG-87	ZINC	26.0000	MG/KG			0.0000	N	23.64	2.0	3.4
3987	BH398714CT	BH	REAL	12-AUG-87	ZINC	36.0000	MG/KG			0.0000	N	23.64	14.5	17.0
3987	BH398717BR	BH	REAL	12-AUG-87	ZINC	34.0000	MG/KG			0.0000	N	23.64	17.0	19.5
3987	BH398719DH	BH	REAL	12-AUG-87	ZINC	48.0000	MG/KG			0.0000	N	23.64	19.5	22.0
40191	BH00006EB	BH	REAL	18-SEP-91	ZINC	105.0000	MG/KG		E	4.0000	V	23.64	12.0	16.0
40291	BH00013EB	BH	REAL	19-SEP-91	ZINC	26.3000	MG/KG			4.0000	V	23.64	0.0	6.0
40291	BH00016EB	BH	REAL	19-SEP-91	ZINC	37.9000	MG/KG			4.0000	V	23.64	6.0	12.0
P207589	SEP0389BR0003	BH	REAL	18-MAY-89	ZINC	48.8000	MG/KG			4.7000		23.64	0.0	3.0
P207589	SEP0389BR0915	BH	REAL	18-MAY-89	ZINC	124.0000	MG/KG			4.0000	A	23.64	9.4	15.4
P207589	SEP0389BR1521	BH	REAL	18-MAY-89	ZINC	38.0000	MG/KG			4.0000	A	23.64	15.4	21.4
P207789	SEP0589BR1318	BH	REAL	05-MAY-89	ZINC	29.7000	MG/KG			4.0000	A	23.64	12.9	18.3

Appendix II.Z-1
Historical - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P207889	SEP06890003	BH	REAL	01-MAY-89	ZINC	45.3000	UG/G			5.2000	A	23.64	0.0	2.9
P207989	SEP0789BR0612	BH	REAL	02-MAY-89	ZINC	93.4000	MG/KG			4.0000	V	23.64	6.0	12.2
P207989	SEP0789BR1218	BH	REAL	02-MAY-89	ZINC	41.4000	MG/KG			4.0000	V	23.64	12.2	18.2
P208889	SEP1689BR0004	BH	REAL	09-MAY-89	ZINC	37.4000	MG/KG			4.4000		23.64	0.0	3.5
P208889	SEP1689BR0410	BH	REAL	09-MAY-89	ZINC	29.2000	MG/KG			4.0000	A	23.64	3.5	9.5
P208889	SEP1689BR1016	BH	REAL	09-MAY-89	ZINC	37.9000	MG/KG			4.0000	A	23.64	9.5	15.3
P208989	SEP1789BR0003	BH	REAL	12-MAY-89	ZINC	34.0000	MG/KG			4.0000	V	23.64	0.0	0.3
P208989	SEP1789BR0309	BH	REAL	12-MAY-89	ZINC	56.2000	MG/KG			4.0000	V	23.64	3.0	8.6
P209089	SEP1889BR1218	BH	REAL	17-MAY-89	ZINC	36.5000	MG/KG			4.0000	V	23.64	11.5	17.5
P209089	SEP1889BR1824	BH	REAL	17-MAY-89	ZINC	101.0000	MG/KG			4.0000	V	23.64	17.5	23.5
P209189	SEP1989BR0003	BH	REAL	25-MAY-89	ZINC	29.9000	MG/KG			4.4000		23.64	0.0	3.0
P209189	SEP1989BR1622	BH	REAL	25-MAY-89	ZINC	35.9000	MG/KG			4.0000	V	23.64	16.3	22.3
P209289	SEP20890003	BH	REAL	08-JUN-89	ZINC	41.7000	MG/KG			4.0000	V	23.64	0.0	3.0
P209289	SEP20890912	BH	REAL	08-JUN-89	ZINC	24.4000	MG/KG			4.0000	V	23.64	9.2	12.2
P209289	SEP20891418	BH	REAL	08-JUN-89	ZINC	90.9000	MG/KG			4.0000	A	23.64	13.8	17.8
P209389	SEP2189BR0003	BH	REAL	07-JUN-89	ZINC	48.1000	MG/KG			3.5000		23.64	0.0	3.0
P209389	SEP2189BR0309	BH	REAL	07-JUN-89	ZINC	28.0000	MG/KG			4.0000	A	23.64	3.0	9.0
P209389	SEP2189BR0912	BH	REAL	07-JUN-89	ZINC	40.5000	MG/KG			4.0000	V	23.64	9.0	11.8
P209389	SEP2189BR1420	BH	REAL	07-JUN-89	ZINC	36.3000	MG/KG			4.0000	V	23.64	14.2	20.2
P209389	SEP2189BR2026	BH	REAL	07-JUN-89	ZINC	50.2000	MG/KG			4.0000	V	23.64	20.2	26.2
P209489	SEP2289BR1213	BH	REAL	16-MAY-89	ZINC	25.3000	MG/KG			4.0000	V	23.64	12.0	13.3
P209489	SEP2289BR1416	BH	REAL	16-MAY-89	ZINC	35.8000	MG/KG			4.0000	V	23.64	14.0	15.6
P209589	SEP2389BR0410	BH	REAL	10-MAY-89	ZINC	24.1000	MG/KG			4.0000	A	23.64	4.1	10.0
P209589	SEP2389BR1015	BH	REAL	10-MAY-89	ZINC	40.6000	MG/KG			4.0000	A	23.64	10.0	14.5
P209689	SEP2489BR1218	BH	REAL	03-MAY-89	ZINC	487.0000	MG/KG			4.0000	V	23.64	12.2	18.2
P209689	SEP2489BR1824	BH	REAL	03-MAY-89	ZINC	50.5000	MG/KG			4.0000	V	23.64	18.2	24.2
P209889	SEP2689BR0004	BH	REAL	11-MAY-89	ZINC	32.5000	MG/KG			4.0000	V	23.64	0.0	3.9
P209889	SEP2689BR0410	BH	REAL	11-MAY-89	ZINC	54.8000	MG/KG			4.0000	V	23.64	3.9	9.9
P209889	SEP2689BR1016	BH	REAL	11-MAY-89	ZINC	45.3000	MG/KG			4.0000	V	23.64	9.9	15.9
P210189	SEP3089BR0003	BH	REAL	19-MAY-89	ZINC	63.0000	UG/G			5.0000		23.64	0.0	3.0
P210189	SEP3089BR0309	BH	REAL	19-MAY-89	ZINC	26.9000	MG/KG			4.0000	A	23.64	3.0	9.0
P210189	SEP3089BR1521	BH	REAL	19-MAY-89	ZINC	82.6000	MG/KG			4.0000	A	23.64	14.6	20.6
P210189	SEP3089BR2127	BH	REAL	19-MAY-89	ZINC	60.7000	MG/KG			4.0000	A	23.64	20.6	26.6
P210289	SEP3189BR0003	BH	REAL	15-MAY-89	ZINC	46.1000	MG/KG			5.0000		23.64	0.0	3.0
P210289	SEP3189BR0713	BH	REAL	15-MAY-89	ZINC	48.0000	MG/KG			4.0000	V	23.64	6.6	13.0
P210289	SEP3189BR1319	BH	REAL	15-MAY-89	ZINC	66.6000	MG/KG			4.0000	V	23.64	13.0	19.0
P213089	BH77401890003	BH	REAL	29-AUG-89	ZINC	112.0000	MG/KG			4.0000	V	23.64	0.0	3.0
P213089	BH77401890305	BH	REAL	29-AUG-89	ZINC	68.1000	MG/KG			5.0000	V	23.64	3.0	5.0
P213089	BH77401890507	BH	REAL	29-AUG-89	ZINC	41.3000	MG/KG			4.0000	V	23.64	5.0	7.0
P213089	BH77401890709	BH	REAL	29-AUG-89	ZINC	61.2000	MG/KG			4.0000	V	23.64	7.0	9.0
P213089	BH77401890913	BH	REAL	29-AUG-89	ZINC	66.5000	MG/KG			4.0000	V	23.64	9.0	13.0
P213189	BH77402890003	BH	REAL	30-AUG-89	ZINC	56.5000	MG/KG			4.0000	V	23.64	0.0	3.0
P213189	BH77402890307	BH	REAL	30-AUG-89	ZINC	87.5000	MG/KG			4.0000	V	23.64	3.0	7.0
P213189	BH77402890710	BH	REAL	30-AUG-89	ZINC	64.5000	MG/KG			4.0000	V	23.64	7.0	10.0
P213189	BH77402891014	BH	REAL	30-AUG-89	ZINC	80.4000	MG/KG			4.0000	V	23.64	10.0	14.0
P213289	BH77403890003	BH	REAL	29-AUG-89	ZINC	62.8000	MG/KG			4.6000		23.64	0.0	3.0
P213289	BH77403890309	BH	REAL	29-AUG-89	ZINC	61.9000	MG/KG			40.0000	V	23.64	3.0	9.0
P213289	BH77403891014	BH	REAL	29-AUG-89	ZINC	68.5000	MG/KG			4.0000	V	23.64	10.0	14.0
P213389	BH77404890003	BH	REAL	30-AUG-89	ZINC	106.0000	MG/KG			4.0000	V	23.64	0.0	2.3
P213389	BH77404890309	BH	REAL	30-AUG-89	ZINC	108.0000	MG/KG			4.0000	V	23.64	3.0	9.3
P213389	BH77404890914	BH	REAL	30-AUG-89	ZINC	135.0000	MG/KG			4.0000	V	23.64	9.5	13.4
P218389	P2183890003	BH	REAL	08-NOV-89	ZINC	28.2000	MG/KG			4.0000	V	23.64	0.0	2.9
P218389	P2183891216	BH	REAL	08-NOV-89	ZINC	59.4000	MG/KG			4.0000	V	23.64	12.0	16.0
P219189	P2191890003	BH	REAL	30-NOV-89	ZINC	93.4000	UG/G			4.7000		23.64	0.0	3.0
P219189	P2191890711	BH	REAL	30-NOV-89	ZINC	118.0000	MG/KG			4.0000	A	23.64	7.0	11.0
P219189	P2191891116	BH	REAL	30-NOV-89	ZINC	126.0000	MG/KG			4.0000	A	23.64	11.0	14.4
P219489	P2194890003	BH	REAL	05-DEC-89	ZINC	27.7000	MG/KG			3.5000		23.64	0.0	3.0
P219489	P2194891418	BH	REAL	05-DEC-89	ZINC	47.9000	MG/KG			4.0000	A	23.64	14.0	18.0

Appendix II.Z-1
Historical - Borehole - Metals
Detections Above 95%UCL

location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P219489	P2194891822	BH	REAL	05-DEC-89	ZINC	61.4000	MG/KG			3.7000		23.64	18.0	22.0
P219489	P2194892226	BH	REAL	06-DEC-89	ZINC	39.1000	UG/G			4.1000		23.64	22.0	26.0
P219589	P2195890003	BH	REAL	07-DEC-89	ZINC	34.1000	MG/KG			4.0000	V	23.64	0.0	3.0
P219589	P2195890307	BH	REAL	07-DEC-89	ZINC	81.7000	UG/G			3.7000		23.64	3.0	7.3
P219589	P2195890711	BH	REAL	07-DEC-89	ZINC	47.1000	MG/KG			4.0000	V	23.64	8.0	10.9
SP0187	SP018704DH	BH	REAL	27-OCT-87	ZINC	53.9971	MG/KG			0.0000	N	23.64	4.0	5.0
SP0187	SP018705DH	BH	REAL	27-OCT-87	ZINC	47.4883	MG/KG			0.0000	N	23.64	5.0	6.3
SP0187	SP018716BR	BH	REAL	28-OCT-87	ZINC	29.0552	MG/KG			0.0000	N	23.64	15.2	16.7
SP0187	SP018721DH	BH	REAL	28-OCT-87	ZINC	54.7891	MG/KG			0.0000	N	23.64	20.2	22.3
SP0187	SP018723DH	BH	REAL	28-OCT-87	ZINC	51.1263	MG/KG			0.0000	N	23.64	22.7	24.1
SP0287	SP02870008	BH	REAL	29-OCT-87	ZINC	34.2756	MG/KG			0.0000	N	23.64	0.0	10.1
SP0387	SP038702DH	BH	REAL	21-OCT-87	ZINC	33.6000	UG/KG			0.0000	N	23.64	2.0	3.5
SP0387	SP038711DH	BH	REAL	26-OCT-87	ZINC	25.3936	MG/KG			0.0000	N	23.64	10.3	11.6
SP0387	SP038713CT	BH	REAL	26-OCT-87	ZINC	33.4917	MG/KG			0.0000	N	23.64	12.8	14.4
SP0387	SP038716BR	BH	REAL	26-OCT-87	ZINC	46.6971	MG/KG			0.0000	N	23.64	15.2	16.9
SP0487	SP048704DH	BH	REAL	30-OCT-87	ZINC	30.6914	MG/KG			0.0000	N	23.64	4.0	5.8
SP0487	SP048712DH	BH	REAL	03-NOV-87	ZINC	79.6810	MG/KG			0.0000	N	23.64	12.0	14.5
SP0487	SP048717DH	BH	REAL	03-NOV-87	ZINC	73.5248	MG/KG			0.0000	N	23.64	17.0	19.5
SP0487	SP048720DH	BH	REAL	03-NOV-87	ZINC	34.1478	MG/KG			0.0000	N	23.64	19.5	22.0
SP0487	SP048725DH	BH	REAL	03-NOV-87	ZINC	34.9453	MG/KG			0.0000	N	23.64	24.5	27.0
SP0487	SP048727DH	BH	REAL	02-NOV-87	ZINC	48.8023	MG/KG			0.0000	N	23.64	27.0	29.5
SP0487	SP048730DH	BH	REAL	02-NOV-87	ZINC	49.8176	MG/KG			0.0000	N	23.64	29.5	32.0
SP0487	SP048732DH	BH	REAL	04-NOV-87	ZINC	38.0185	MG/KG			0.0000	N	23.64	32.0	34.0
SP0587	SP058702DH	BH	REAL	05-NOV-87	ZINC	32.5544	MG/KG			0.0000	N	23.64	2.0	3.3
SP0587	SP058704DH	BH	REAL	05-NOV-87	ZINC	26.2507	MG/KG			0.0000	N	23.64	4.0	5.6
SP0587	SP058707DH	BH	REAL	05-NOV-87	ZINC	24.7452	MG/KG			0.0000	N	23.64	7.0	8.3
SP0587	SP058716DH	BH	REAL	05-NOV-87	ZINC	37.0399	MG/KG			0.0000	N	23.64	15.3	17.3
SP0687	SP068708DH	BH	REAL	18-NOV-87	ZINC	33.2483	MG/KG			0.0000	N	23.64	8.0	10.4
SP0687	SP068718DH	BH	REAL	18-NOV-87	ZINC	61.0207	MG/KG			0.0000	N	23.64	18.0	20.5
SP0687	SP068721DH	BH	REAL	18-NOV-87	ZINC	72.7185	MG/KG			0.0000	N	23.64	20.5	23.0
SP0687	SP068724DH	BH	REAL	19-NOV-87	ZINC	114.4193	MG/KG			0.0000	N	23.64	23.2	25.7
SP0687	SP068726DH	BH	REAL	19-NOV-87	ZINC	74.3914	MG/KG			0.0000	N	23.64	25.7	28.2
SP0787	SP078700DH	BH	REAL	12-NOV-87	ZINC	50.6823	MG/KG			0.0000	N	23.64	0.0	1.8
SP0787	SP078702DH	BH	REAL	12-NOV-87	ZINC	25.9905	MG/KG			0.0000	N	23.64	2.0	3.8
SP0787	SP078711DH	BH	REAL	12-NOV-87	ZINC	37.2169	MG/KG			0.0000	N	23.64	10.5	12.2
SP0787	SP078713DH	BH	REAL	12-NOV-87	ZINC	31.8398	MG/KG			0.0000	N	23.64	13.0	14.8
SP0787	SP078721CT	BH	REAL	13-NOV-87	ZINC	64.3106	MG/KG			0.0000	N	23.64	20.5	23.0
SP0787	SP078723BR	BH	REAL	13-NOV-87	ZINC	59.5645	MG/KG			0.0000	N	23.64	23.0	26.0
SP0787	SP078726DH	BH	REAL	13-NOV-87	ZINC	71.8803	MG/KG			0.0000	N	23.64	26.0	28.5
SP0887	SP088706CT	BH	REAL	29-OCT-87	ZINC	34.3555	MG/KG			0.0000	N	23.64	6.9	8.5
SP0887	SP088709BR	BH	REAL	29-OCT-87	ZINC	26.6176	MG/KG			0.0000	N	23.64	9.0	11.5
SP0987	SP098703UC	BH	REAL	02-NOV-87	ZINC	49.9437	MG/KG			0.0000	N	23.64	3.0	5.1
SP0987	SP098706CT	BH	REAL	02-NOV-87	ZINC	28.7914	MG/KG			0.0000	N	23.64	6.0	8.5
SP0987	SP098708BR	BH	REAL	02-NOV-87	ZINC	68.6979	MG/KG			0.0000	N	23.64	8.5	11.0
SP1087	SP108700DH	BH	REAL	09-NOV-87	ZINC	37.2888	MG/KG			0.0000	N	23.64	0.0	1.8
SP1087	SP108702DH	BH	REAL	09-NOV-87	ZINC	53.4563	MG/KG			0.0000	N	23.64	2.0	3.9
SP1087	SP108704BR	BH	REAL	09-NOV-87	ZINC	68.2930	MG/KG			0.0000	N	23.64	4.0	5.0
SP1087	SP108705DH	BH	REAL	09-NOV-87	ZINC	65.8006	MG/KG			0.0000	N	23.64	5.0	7.0
SP1087	SP108711DH	BH	REAL	09-NOV-87	ZINC	35.5319	MG/KG			0.0000	N	23.64	11.0	13.0
SP1087	SP108713DH	BH	REAL	09-NOV-87	ZINC	36.0759	MG/KG			0.0000	N	23.64	13.0	14.9
SP1087	SP108715DH	BH	REAL	09-NOV-87	ZINC	42.2293	MG/KG			0.0000	N	23.64	15.0	16.9
SP1087	SP108717DH	BH	REAL	10-NOV-87	ZINC	44.0459	MG/KG			0.0000	N	23.64	17.0	19.0
SP1087	SP108719DH	BH	REAL	10-NOV-87	ZINC	51.9555	MG/KG			0.0000	N	23.64	19.0	21.0
SP1087	SP108721WT	BH	REAL	10-NOV-87	ZINC	50.9199	MG/KG			0.0000	N	23.64	21.0	23.0
SP1087	SP108723DH	BH	REAL	11-NOV-87	ZINC	36.1526	MG/KG			0.0000	N	23.64	22.7	23.7
SP1087	SP108724DH	BH	REAL	11-NOV-87	ZINC	55.8000	MG/KG			0.0000	N	23.64	23.7	25.7
SP1187	SP11870008	BH	REAL	04-NOV-87	ZINC	30.7846	MG/KG			0.0000	N	23.64	0.0	8.8
SP1187	SP118708DH	BH	REAL	03-NOV-87	ZINC	39.9186	MG/KG			0.0000	N	23.64	8.8	11.3

Appendix II.Z-1
Historical - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SP1187	SP118711DH	BH	REAL	04-NOV-87	ZINC	45.0616	MG/KG			0.0000	N	23.64	11.5	14.0
SP1187	SP118714DH	BH	REAL	04-NOV-87	ZINC	49.9613	MG/KG			0.0000	N	23.64	14.0	15.1
SP1187	SP118716DH	BH	REAL	04-NOV-87	ZINC	46.5113	MG/KG			0.0000	N	23.64	16.5	17.8
SP1187	SP118719DH	BH	REAL	04-NOV-87	ZINC	46.6868	MG/KG			0.0000	N	23.64	19.0	21.5
SP1187	SP118724DH	BH	REAL	04-NOV-87	ZINC	45.7804	MG/KG			0.0000	N	23.64	24.0	26.5
SP1187	SP118726DH	BH	REAL	04-NOV-87	ZINC	49.2546	MG/KG			0.0000	N	23.64	26.5	29.0
SP1187	SP118729DH	BH	REAL	05-NOV-87	ZINC	84.2792	MG/KG			0.0000	N	23.64	29.0	31.5
SP1287	SP12870009	BH	REAL	10-NOV-87	ZINC	24.5063	MG/KG			0.0000	N	23.64	0.0	9.0
SP1287	SP12870916	BH	REAL	10-NOV-87	ZINC	25.5437	MG/KG			0.0000	N	23.64	9.0	16.5
SP1287	SP128716DH	BH	REAL	09-NOV-87	ZINC	50.4929	MG/KG			0.0000	N	23.64	16.5	19.0
SP1287	SP128719DH	BH	REAL	09-NOV-87	ZINC	66.4235	MG/KG			0.0000	N	23.64	19.0	21.5
SP1287	SP128721DH	BH	REAL	10-NOV-87	ZINC	32.9833	MG/KG			0.0000	N	23.64	21.5	24.0
SP1287	SP128726DH	BH	REAL	10-NOV-87	ZINC	27.5781	MG/KG			0.0000	N	23.64	26.5	29.0
SP1287	SP128729DH	BH	REAL	10-NOV-87	ZINC	42.5013	MG/KG			0.0000	N	23.64	29.0	31.5
SP1287	SP128731DH	BH	REAL	11-NOV-87	ZINC	91.2125	MG/KG			0.0000	N	23.64	31.5	32.2
SP1287	SP128734DH	BH	REAL	11-NOV-87	ZINC	116.4405	MG/KG			0.0000	N	23.64	34.0	34.5
SP1287	SP128739DH	BH	REAL	11-NOV-87	ZINC	68.9244	MG/KG			0.0000	N	23.64	39.0	41.5
SP1287	SP128741DH	BH	REAL	11-NOV-87	ZINC	65.6830	MG/KG			0.0000	N	23.64	41.5	44.0
SP1387	SP138700UC	BH	REAL	06-NOV-87	ZINC	61.7086	MG/KG			0.0000	N	23.64	0.0	1.5
SP1387	SP138701CT	BH	REAL	06-NOV-87	ZINC	36.8736	MG/KG			0.0000	N	23.64	1.5	3.5
SP1387	SP138703BR	BH	REAL	06-NOV-87	ZINC	63.1754	MG/KG			0.0000	N	23.64	3.5	6.5
SP1387	SP138706DH	BH	REAL	06-NOV-87	ZINC	125.9281	MG/KG			0.0000	N	23.64	6.5	9.0
SP1387	SP138711DH	BH	REAL	06-NOV-87	ZINC	24.7254	MG/KG			0.0000	N	23.64	11.5	14.0
SP1487	SP148702CT	BH	REAL	11-NOV-87	ZINC	68.3428	MG/KG			0.0000	N	23.64	2.0	4.0
SP1487	SP148704BR	BH	REAL	12-NOV-87	ZINC	34.9346	MG/KG			0.0000	N	23.64	4.0	7.0
SP1587	SP158702DH	BH	REAL	12-NOV-87	ZINC	62.1157	MG/KG			0.0000	N	23.64	2.0	2.8
SP1587	SP158708DH	BH	REAL	12-NOV-87	ZINC	33.9256	MG/KG			0.0000	N	23.64	8.0	10.0
SP1587	SP158710DH	BH	REAL	12-NOV-87	ZINC	45.2158	MG/KG			0.0000	N	23.64	10.0	12.0
SP1587	SP158712WT	BH	REAL	13-NOV-87	ZINC	46.0462	MG/KG			0.0000	N	23.64	12.0	14.5
SP1587	SP158714CT	BH	REAL	13-NOV-87	ZINC	75.3688	MG/KG			0.0000	N	23.64	14.5	17.0
SP1587	SP158717BR	BH	REAL	13-NOV-87	ZINC	84.9410	MG/KG			0.0000	N	23.64	17.0	19.5
SP1687	SP168710CT	BH	REAL	07-JAN-88	ZINC	24.1451	MG/KG			0.0000	N	23.64	10.0	11.2
SP1687	SP168711BR	BH	REAL	07-JAN-88	ZINC	50.6642	MG/KG			0.0000	N	23.64	11.2	13.4

Appendix II.Z-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
3787	BH378705WS	BH	REAL	16-JUL-87	AMERICIUM-241	0.0700	PCI/G	.18		0.0000	N	0.01	5.0	5.0
3787	BH378721CT	BH	REAL	17-JUL-87	AMERICIUM-241	0.0600	PCI/G	.18		0.0000	N	0.01	18.0	21.7
3787	BH378725BR	BH	REAL	17-JUL-87	AMERICIUM-241	0.0500	PCI/G	.18		0.0000	N	0.01	25.0	26.2
3887	BH388720BR	BH	REAL	14-JUL-87	AMERICIUM-241	0.0800	PCI/G	.07		0.0000	N	0.01	20.4	21.3
3987	BH398707DH	BH	REAL	12-AUG-87	AMERICIUM-241	0.0200	PCI/G	.08		0.0000	N	0.01	7.0	8.0
3987	BH398712UC	BH	REAL	12-AUG-87	AMERICIUM-241	0.0600	PCI/G	.09		0.0000	N	0.01	12.0	14.0
3987	BH398714CT	BH	REAL	12-AUG-87	AMERICIUM-241	0.0800	PCI/G	.12		0.0000	N	0.01	14.5	17.0
5687	BH568709DH	BH	REAL	10-SEP-87	AMERICIUM-241	0.0400	PCI/G	.06		0.0000	N	0.01	9.5	10.4
5687	BH568712DH	BH	REAL	10-SEP-87	AMERICIUM-241	0.0900	PCI/G	.09		0.0000	N	0.01	12.0	14.0
5687	BH568717WT	BH	REAL	11-SEP-87	AMERICIUM-241	0.0800	PCI/G	.1		0.0000	N	0.01	17.0	18.9
5687	BH568720CT	BH	REAL	11-SEP-87	AMERICIUM-241	0.0300	PCI/G	.06		0.0000	N	0.01	19.5	22.0
P207589	SEP0389BR0003	BH	REAL	18-MAY-89	AMERICIUM-241	0.0500	PCI/G	.02		0.0100		0.01	0.0	3.0
P207589	SEP0389BR1521	BH	REAL	18-MAY-89	AMERICIUM-241	0.0200	PCI/G	.02		0.0200		0.01	15.4	21.4
P207689	SEP04890006	BH	REAL	05-MAY-89	AMERICIUM-241	0.0600	PCI/G	.03		0.0200		0.01	0.0	5.7
P207789	SEP0589BR0006	BH	REAL	05-MAY-89	AMERICIUM-241	0.1200	PCI/G	.04		0.0200		0.01	0.0	5.8
P209089	SEP1889BR0003	BH	REAL	17-MAY-89	AMERICIUM-241	0.7700	PCI/G	.05		0.0100		0.01	0.0	3.2
P209289	SEP20890003	BH	REAL	08-JUN-89	AMERICIUM-241	0.1500	PCI/G	.04		0.0200		0.01	0.0	3.0
P209289	SEP20890309	BH	REAL	08-JUN-89	AMERICIUM-241	0.0300	PCI/G	.02		0.0100		0.01	3.0	9.2
P209289	SEP20890912	BH	REAL	08-JUN-89	AMERICIUM-241	0.0200	PCI/G	.02		0.0100		0.01	9.2	12.2
P209389	SEP2189BR0003	BH	REAL	07-JUN-89	AMERICIUM-241	0.0200	PCI/G	.01		0.0100		0.01	0.0	3.0
P209489	SEP2289BR1213	BH	REAL	16-MAY-89	AMERICIUM-241	0.0200	PCI/G	.02		0.0100		0.01	12.0	13.3
P209689	SEP2489BR1824	BH	REAL	03-MAY-89	AMERICIUM-241	0.0200	PCI/G	.02		0.0200	A	0.01	18.2	24.2
P210189	SEP3089BR0309	BH	REAL	19-MAY-89	AMERICIUM-241	0.2100	PCI/G	.06		0.0200		0.01	3.0	9.0
P210189	SEP3089BR0915	BH	REAL	19-MAY-89	AMERICIUM-241	0.1300	PCI/G	.04		0.0100		0.01	9.0	14.6
P210189	SEP3089BR1521	BH	REAL	19-MAY-89	AMERICIUM-241	0.1000	PCI/G	.04		0.0200		0.01	14.6	20.6
P210189	SEP3089BR2127	BH	REAL	19-MAY-89	AMERICIUM-241	0.1000	PCI/G	.04		0.0200		0.01	20.6	26.6
P210289	SEP3189BR1319	BH	REAL	15-MAY-89	AMERICIUM-241	0.0900	PCI/G	.04		0.0200		0.01	13.0	19.0
P218389	P2183890003	BH	REAL	08-NOV-89	AMERICIUM-241	0.1760	PCI/G	.031		0.0090	V	0.01	0.0	2.9
P218389	P2183890003	BH	REAL	08-NOV-89	AMERICIUM-241	0.1760	PCI/G	.031		0.0090		0.01	0.0	2.9
P218389	P2183890312	BH	REAL	08-NOV-89	AMERICIUM-241	0.0110	PCI/G	.007		0.0060	V	0.01	2.9	10.5
P218389	P2183890312	BH	REAL	08-NOV-89	AMERICIUM-241	0.0110	PCI/G	.007		0.0060		0.01	2.9	10.5
P219189	P2191890003	BH	REAL	30-NOV-89	AMERICIUM-241	0.0660	PCI/G	.017		0.0070		0.01	0.0	3.0
P219489	P2194890003	BH	REAL	05-DEC-89	AMERICIUM-241	0.0260	PCI/G	.014		0.0070		0.01	0.0	3.0
P219489	P2194890307	BH	REAL	05-DEC-89	AMERICIUM-241	0.0130	PCI/G	.017		0.0200		0.01	3.0	7.0
P219489	P2194890911	BH	REAL	05-DEC-89	AMERICIUM-241	0.0140	PCI/G	.01		0.0000		0.01	9.3	11.0
P219489	P2194891114	BH	REAL	05-DEC-89	AMERICIUM-241	0.0320	PCI/G	.019		0.0000		0.01	11.0	14.0
P219489	P2194891822	BH	REAL	05-DEC-89	AMERICIUM-241	0.0160	PCI/G	.012		0.0000		0.01	18.0	22.0
P219589	P2195890003	BH	REAL	07-DEC-89	AMERICIUM-241	0.0510	PCI/L	.022		0.0130	A	0.01	0.0	3.0
P219589	P2195890003	BH	REAL	07-DEC-89	AMERICIUM-241	0.0510	PCI/G	.022		0.0130		0.01	0.0	3.0
P219589	P2195890307	BH	REAL	07-DEC-89	AMERICIUM-241	0.1120	PCI/L	.026		0.0060	A	0.01	3.0	7.3
P219589	P2195890307	BH	REAL	07-DEC-89	AMERICIUM-241	0.1120	PCI/G	.026		0.0060		0.01	3.0	7.3
P219589	P2195890711	BH	REAL	07-DEC-89	AMERICIUM-241	0.0570	PCI/L	.016		0.0050	A	0.01	8.0	10.9
P219589	P2195890711	BH	REAL	07-DEC-89	AMERICIUM-241	0.0570	PCI/G	.016		0.0050		0.01	8.0	10.9
SP0187	SP018704DH	BH	REAL	27-OCT-87	AMERICIUM-241	0.0200	PCI/G	.06		0.0000	N	0.01	4.0	5.0
SP0187	SP018705DH	BH	REAL	27-OCT-87	AMERICIUM-241	0.0600	PCI/G	.07		0.0000	N	0.01	5.0	6.3
SP0187	SP018711DH	BH	REAL	27-OCT-87	AMERICIUM-241	0.0500	PCI/G	.08		0.0000	N	0.01	10.5	12.2
SP0187	SP018713DH	BH	REAL	27-OCT-87	AMERICIUM-241	0.0400	PCI/G	.07		0.0000	N	0.01	12.7	14.9
SP0187	SP0187168R	BH	REAL	28-OCT-87	AMERICIUM-241	0.0700	PCI/G	.08		0.0000	N	0.01	15.2	16.7
SP0187	SP018721DH	BH	REAL	28-OCT-87	AMERICIUM-241	0.0700	PCI/G	.08		0.0000	N	0.01	20.2	22.3
SP0187	SP018723DH	BH	REAL	28-OCT-87	AMERICIUM-241	0.0800	PCI/G	.08		0.0000	N	0.01	22.7	24.1
SP0287	SP02870008	BH	REAL	29-OCT-87	AMERICIUM-241	0.2200	PCI/G	.13		0.0000	N	0.01	0.0	10.1
SP0287	SP028708UC	BH	REAL	29-OCT-87	AMERICIUM-241	0.0200	PCI/G	.06		0.0000	N	0.01	7.6	10.1
SP0287	SP028713BR	BH	REAL	29-OCT-87	AMERICIUM-241	0.0400	PCI/G	.07		0.0000	N	0.01	12.6	15.1
SP0387	SP038711DH	BH	REAL	26-OCT-87	AMERICIUM-241	0.0900	PCI/G	.12		0.0000	N	0.01	10.3	11.6
SP0387	SP038713CT	BH	REAL	26-OCT-87	AMERICIUM-241	0.0500	PCI/G	.08		0.0000	N	0.01	12.8	14.4
SP0387	SP038716BR	BH	REAL	26-OCT-87	AMERICIUM-241	0.0300	PCI/G	.07		0.0000	N	0.01	15.2	16.9
SP0487	SP048702DH	BH	REAL	30-OCT-87	AMERICIUM-241	1.2000	PCI/G	.2		0.0000	N	0.01	2.0	3.7

Appendix II.Z-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SP0487	SP048704DH	BH	REAL	30-OCT-87	AMERICIUM-241	0.0600	PCI/G	.08		0.0000	N	0.01	4.0	5.8
SP0487	SP048707DH	BH	REAL	30-OCT-87	AMERICIUM-241	0.0600	PCI/G	.08		0.0000	N	0.01	7.0	8.7
SP0487	SP048712DH	BH	REAL	03-NOV-87	AMERICIUM-241	0.0300	PCI/G	.07		0.0000	N	0.01	12.0	14.5
SP0487	SP048720DH	BH	REAL	03-NOV-87	AMERICIUM-241	0.1000	PCI/G	.09		0.0000	N	0.01	19.5	22.0
SP0487	SP048727DH	BH	REAL	02-NOV-87	AMERICIUM-241	0.0200	PCI/G	.07		0.0000	N	0.01	27.0	29.5
SP0487	SP048730DH	BH	REAL	02-NOV-87	AMERICIUM-241	0.0300	PCI/G	.07		0.0000	N	0.01	29.5	32.0
SP0487	SP048732DH	BH	REAL	04-NOV-87	AMERICIUM-241	0.0200	PCI/G	.07		0.0000	N	0.01	32.0	34.0
SP0587	SP058702DH	BH	REAL	05-NOV-87	AMERICIUM-241	0.0800	PCI/G	.07		0.0000	N	0.01	2.0	3.3
SP0587	SP058704DH	BH	REAL	05-NOV-87	AMERICIUM-241	0.1300	PCI/G	.08		0.0000	N	0.01	4.0	5.6
SP0587	SP058707DH	BH	REAL	05-NOV-87	AMERICIUM-241	0.0600	PCI/G	.06		0.0000	N	0.01	7.0	8.3
SP0587	SP058712DH	BH	REAL	05-NOV-87	AMERICIUM-241	0.0400	PCI/G	.05		0.0000	N	0.01	12.8	14.4
SP0587	SP058716DH	BH	REAL	05-NOV-87	AMERICIUM-241	0.0500	PCI/G	.07		0.0000	N	0.01	15.3	17.3
SP0687	SP068708DH	BH	REAL	18-NOV-87	AMERICIUM-241	0.0700	PCI/G	.1		0.0000	N	0.01	8.0	10.4
SP0687	SP068713DH	BH	REAL	18-NOV-87	AMERICIUM-241	0.0800	PCI/G	.11		0.0000	N	0.01	13.0	14.3
SP0687	SP068718DH	BH	REAL	18-NOV-87	AMERICIUM-241	0.0400	PCI/G	.1		0.0000	N	0.01	18.0	20.5
SP0687	SP068721DH	BH	REAL	18-NOV-87	AMERICIUM-241	0.0300	PCI/G	.1		0.0000	N	0.01	20.5	23.0
SP0687	SP068724DH	BH	REAL	19-NOV-87	AMERICIUM-241	0.0400	PCI/G	.09		0.0000	N	0.01	23.2	25.7
SP0687	SP068726DH	BH	REAL	19-NOV-87	AMERICIUM-241	0.0500	PCI/G	.1		0.0000	N	0.01	25.7	28.2
SP0787	SP078700DH	BH	REAL	12-NOV-87	AMERICIUM-241	0.6100	PCI/G	.18		0.0000	N	0.01	0.0	1.8
SP0787	SP078702DH	BH	REAL	12-NOV-87	AMERICIUM-241	0.2100	PCI/G	.17		0.0000	N	0.01	2.0	3.8
SP0787	SP078718WT	BH	REAL	13-NOV-87	AMERICIUM-241	0.0500	PCI/G	.1		0.0000	N	0.01	18.0	19.3
SP0887	SP088703UC	BH	REAL	29-OCT-87	AMERICIUM-241	0.0200	PCI/G	.06		0.0000	N	0.01	3.5	6.5
SP0887	SP088709BR	BH	REAL	29-OCT-87	AMERICIUM-241	0.0600	PCI/G	.09		0.0000	N	0.01	9.0	11.5
SP0987	SP098703UC	BH	REAL	02-NOV-87	AMERICIUM-241	0.0200	PCI/G	.08		0.0000	N	0.01	3.0	5.1
SP0987	SP098706CT	BH	REAL	02-NOV-87	AMERICIUM-241	0.0600	PCI/G	.08		0.0000	N	0.01	6.0	8.5
SP1087	SP108700DH	BH	REAL	09-NOV-87	AMERICIUM-241	0.5900	PCI/G	.19		0.0000	N	0.01	0.0	1.8
SP1087	SP108702DH	BH	REAL	09-NOV-87	AMERICIUM-241	0.0700	PCI/G	.09		0.0000	N	0.01	2.0	3.9
SP1087	SP108704BR	BH	REAL	09-NOV-87	AMERICIUM-241	0.0900	PCI/G	.07		0.0000	N	0.01	4.0	5.0
SP1087	SP108705DH	BH	REAL	09-NOV-87	AMERICIUM-241	0.1600	PCI/G	.09		0.0000	N	0.01	5.0	7.0
SP1087	SP108707DH	BH	REAL	09-NOV-87	AMERICIUM-241	0.0600	PCI/G	.06		0.0000	N	0.01	7.0	9.0
SP1087	SP108709DH	BH	REAL	09-NOV-87	AMERICIUM-241	0.0700	PCI/G	.06		0.0000	N	0.01	9.0	11.0
SP1087	SP108715DH	BH	REAL	09-NOV-87	AMERICIUM-241	0.0300	PCI/G	.06		0.0000	N	0.01	15.0	16.9
SP1087	SP108719DH	BH	REAL	10-NOV-87	AMERICIUM-241	0.1100	PCI/G	.09		0.0000	N	0.01	19.0	21.0
SP1087	SP108723DH	BH	REAL	11-NOV-87	AMERICIUM-241	0.0400	PCI/G	.06		0.0000	N	0.01	22.7	23.7
SP1187	SP118708DH	BH	REAL	03-NOV-87	AMERICIUM-241	0.0200	PCI/G	.07		0.0000	N	0.01	8.8	11.3
SP1187	SP118716DH	BH	REAL	04-NOV-87	AMERICIUM-241	0.0200	PCI/G	.06		0.0000	N	0.01	16.5	17.8
SP1287	SP12870916	BH	REAL	10-NOV-87	AMERICIUM-241	0.0500	PCI/G	.06		0.0000	N	0.01	9.0	16.5
SP1287	SP128716DH	BH	REAL	09-NOV-87	AMERICIUM-241	0.0300	PCI/G	.05		0.0000	N	0.01	16.5	19.0
SP1287	SP128724DH	BH	REAL	10-NOV-87	AMERICIUM-241	0.0300	PCI/G	.06		0.0000	N	0.01	24.0	25.2
SP1287	SP128726DH	BH	REAL	10-NOV-87	AMERICIUM-241	0.0300	PCI/G	.09		0.0000	N	0.01	26.5	29.0
SP1287	SP128729DH	BH	REAL	10-NOV-87	AMERICIUM-241	0.0200	PCI/G	.07		0.0000	N	0.01	29.0	31.5
SP1587	SP158712WT	BH	REAL	13-NOV-87	AMERICIUM-241	0.0300	PCI/G	.1		0.0000	N	0.01	12.0	14.5
SP1587	SP158714CT	BH	REAL	13-NOV-87	AMERICIUM-241	0.0500	PCI/G	.1		0.0000	N	0.01	14.5	17.0
SP1687	SP168710CT	BH	REAL	07-JAN-88	AMERICIUM-241	0.0300	PCI/G	.09		0.0000	N	0.01	10.0	11.2
SP1687	SP168711BR	BH	REAL	07-JAN-88	AMERICIUM-241	0.0200	PCI/G	.1		0.0000	N	0.01	11.2	13.4
3787	BH378705WS	BH	REAL	16-JUL-87	CESIUM-137	0.7000	PCI/G	.8		0.0000	N	0.166	5.0	5.0
3787	BH37871113	BH	REAL	17-JUL-87	CESIUM-137	0.8000	PCI/G	1.3		0.0000	N	0.166	11.0	12.3
3787	BH378721CT	BH	REAL	17-JUL-87	CESIUM-137	4.7000	PCI/G	2		0.0000	N	0.166	18.0	21.7
3887	BH388720BR	BH	REAL	14-JUL-87	CESIUM-137	0.3000	PCI/G	1.2		0.0000	N	0.166	20.4	21.3
P210289	SEP3189BR0003	BH	REAL	15-MAY-89	CESIUM-137	0.3000	PCI/G	.1		0.1000		0.166	0.0	3.0
P218389	P2183890003	BH	REAL	08-NOV-89	CESIUM-137	0.5000	PCI/G	.2		0.2000		0.166	0.0	2.9
P218389	P2183890312	BH	REAL	08-NOV-89	CESIUM-137	0.3000	PCI/G	.2		0.2000		0.166	2.9	10.5
P219489	P2194890003	BH	REAL	05-DEC-89	CESIUM-137	0.2200	PCI/G	.2		0.1100	R	0.166	0.0	3.0
P219489	P2194890003	BH	REAL	05-DEC-89	CESIUM-137	0.2200	PCI/G	.2		0.1100		0.166	0.0	3.0
3787	BH378721CT	BH	REAL	17-JUL-87	GROSS BETA	34.0000	PCI/G	6		0.0000	N	27.99	18.0	21.7
3787	BH378725BR	BH	REAL	17-JUL-87	GROSS BETA	30.0000	PCI/G	6		0.0000	N	27.99	25.0	26.2

Appendix II.Z-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
40191	BH00004EB	BH	REAL	18-SEP-91	GROSS BETA	32.9000	PCI/G	6.9		5.4000	V	27.99	6.0	12.0
5687	BH568712DH	BH	REAL	10-SEP-87	GROSS BETA	28.0000	PCI/G	6		0.0000	N	27.99	12.0	14.0
P207689	SEP04891215	BH	REAL	05-MAY-89	GROSS BETA	28.0000	PCI/G	6		7.0000		27.99	12.6	15.3
P207989	SEP0789BR1218	BH	REAL	02-MAY-89	GROSS BETA	28.0000	PCI/G	6		8.0000		27.99	12.2	18.2
P208889	SEP1689BR1016	BH	REAL	09-MAY-89	GROSS BETA	29.0000	PCI/G	6		7.0000		27.99	9.5	15.3
P208989	SEP1789BR0309	BH	REAL	12-MAY-89	GROSS BETA	30.0000	PCI/G	6		8.0000		27.99	3.0	8.6
P209489	SEP2289BR1416	BH	REAL	16-MAY-89	GROSS BETA	28.0000	PCI/G	6		8.0000		27.99	14.0	15.6
P209589	SEP2389BR0004	BH	REAL	10-MAY-89	GROSS BETA	28.0000	PCI/G	6		7.0000		27.99	0.0	4.1
P209589	SEP2389BR0410	BH	REAL	10-MAY-89	GROSS BETA	29.0000	PCI/G	6		8.0000		27.99	4.1	10.0
P209689	SEP2489BR0612	BH	REAL	03-MAY-89	GROSS BETA	32.0000	PCI/G	6		8.0000		27.99	6.2	12.2
P209689	SEP2489BR1824	BH	REAL	03-MAY-89	GROSS BETA	30.0000	PCI/G	6		8.0000		27.99	18.2	24.2
P209789	SEP25890006	BH	REAL	04-MAY-89	GROSS BETA	28.0000	PCI/G	6		7.0000		27.99	0.0	6.2
P210189	SEP3089BR0003	BH	REAL	19-MAY-89	GROSS BETA	120.0000	PCI/G	70		110.0000		27.99	0.0	3.0
P210189	SEP3089BR1521	BH	REAL	19-MAY-89	GROSS BETA	29.0000	PCI/G	7		9.0000		27.99	14.6	20.6
P210189	SEP3089BR2127	BH	REAL	19-MAY-89	GROSS BETA	28.0000	PCI/G	6		9.0000		27.99	20.6	26.6
P210289	SEP3189BR1319	BH	REAL	15-MAY-89	GROSS BETA	32.0000	PCI/G	6		8.0000		27.99	13.0	19.0
P219189	P2191890003	BH	REAL	30-NOV-89	GROSS BETA	39.1000	PCI/G	5.2		5.4000	V	27.99	0.0	3.0
P219189	P2191891116	BH	REAL	30-NOV-89	GROSS BETA	32.4000	PCI/G	5.2		6.0000	V	27.99	11.0	14.4
P219489	P2194890003	BH	REAL	05-DEC-89	GROSS BETA	30.0000	PCI/G	4.9		5.6000		27.99	0.0	3.0
P219489	P2194890709	BH	REAL	05-DEC-89	GROSS BETA	35.0000	PCI/G	5.1		5.5000		27.99	7.0	9.3
P219489	P2194890911	BH	REAL	05-DEC-89	GROSS BETA	30.4000	PCI/G	4.8		5.3000		27.99	9.3	11.0
P219489	P2194891114	BH	REAL	05-DEC-89	GROSS BETA	30.3000	PCI/G	5.1		5.9000		27.99	11.0	14.0
P219489	P2194891822	BH	REAL	05-DEC-89	GROSS BETA	31.8000	PCI/G	5.1		5.9000		27.99	18.0	22.0
P219489	P2194892226	BH	REAL	06-DEC-89	GROSS BETA	32.1000	PCI/G	5.5		6.4000		27.99	22.0	26.0
P219589	P2195890003	BH	REAL	07-DEC-89	GROSS BETA	31.5000	PCI/G	5		5.6000	V	27.99	0.0	3.0
P219589	P2195890307	BH	REAL	07-DEC-89	GROSS BETA	29.0000	PCI/G	5		5.8000	V	27.99	3.0	7.3
P219589	P2195890711	BH	REAL	07-DEC-89	GROSS BETA	35.6000	PCI/G	5.1		5.5000	V	27.99	8.0	10.9
P219589	P2195891117	BH	REAL	07-DEC-89	GROSS BETA	36.4000	PCI/G	5.1		5.3000	V	27.99	10.9	16.7
P219589	P2195891719	BH	REAL	07-DEC-89	GROSS BETA	34.6000	PCI/G	5.8		5.8000	V	27.99	16.7	18.7
SP0187	SP018711DH	BH	REAL	27-OCT-87	GROSS BETA	29.0000	PCI/G	7		0.0000	N	27.99	10.5	12.2
SP0187	SP018713DH	BH	REAL	27-OCT-87	GROSS BETA	33.0000	PCI/G	7		0.0000	N	27.99	12.7	14.9
SP0287	SP02870008	BH	REAL	29-OCT-87	GROSS BETA	36.0000	PCI/G	7		0.0000	N	27.99	0.0	10.1
SP0287	SP028711CT	BH	REAL	29-OCT-87	GROSS BETA	30.0000	PCI/G	7		0.0000	N	27.99	10.1	12.6
SP0487	SP048712DH	BH	REAL	03-NOV-87	GROSS BETA	31.0000	PCI/G	6		0.0000	N	27.99	12.0	14.5
SP0687	SP068724DH	BH	REAL	19-NOV-87	GROSS BETA	28.0000	PCI/G	6		0.0000	N	27.99	23.2	25.7
SP0887	SP088703UC	BH	REAL	29-OCT-87	GROSS BETA	28.0000	PCI/G	6		0.0000	N	27.99	3.5	6.5
SP0987	SP098706CT	BH	REAL	02-NOV-87	GROSS BETA	28.0000	PCI/G	6		0.0000	N	27.99	6.0	8.5
SP1087	SP108709DH	BH	REAL	09-NOV-87	GROSS BETA	29.0000	PCI/G	7		0.0000	N	27.99	9.0	11.0
SP1187	SP11870008	BH	REAL	04-NOV-87	GROSS BETA	28.0000	PCI/G	6		0.0000	N	27.99	0.0	8.8
SP1187	SP118708DH	BH	REAL	03-NOV-87	GROSS BETA	32.0000	PCI/G	6		0.0000	N	27.99	8.8	11.3
SP1187	SP118719DH	BH	REAL	04-NOV-87	GROSS BETA	30.0000	PCI/G	7		0.0000	N	27.99	19.0	21.5
SP1187	SP118721DH	BH	REAL	04-NOV-87	GROSS BETA	28.0000	PCI/G	6		0.0000	N	27.99	21.5	24.0
SP1187	SP118724DH	BH	REAL	04-NOV-87	GROSS BETA	29.0000	PCI/G	6		0.0000	N	27.99	24.0	26.5
SP1187	SP118726DH	BH	REAL	04-NOV-87	GROSS BETA	32.0000	PCI/G	6		0.0000	N	27.99	26.5	29.0
SP1187	SP118729DH	BH	REAL	05-NOV-87	GROSS BETA	31.0000	PCI/G	6		0.0000	N	27.99	29.0	31.5
SP1287	SP128721DH	BH	REAL	10-NOV-87	GROSS BETA	28.0000	PCI/G	6		0.0000	N	27.99	21.5	24.0
SP1287	SP128729DH	BH	REAL	10-NOV-87	GROSS BETA	31.0000	PCI/G	7		0.0000	N	27.99	29.0	31.5
SP1287	SP128731DH	BH	REAL	11-NOV-87	GROSS BETA	28.0000	PCI/G	6		0.0000	N	27.99	31.5	32.2
SP1387	SP138709DH	BH	REAL	06-NOV-87	GROSS BETA	29.0000	PCI/G	7		0.0000	N	27.99	9.0	11.5
SP1587	SP158714CT	BH	REAL	13-NOV-87	GROSS BETA	30.0000	PCI/G	6		0.0000	N	27.99	14.5	17.0
SP1587	SP158717BR	BH	REAL	13-NOV-87	GROSS BETA	31.0000	PCI/G	6		0.0000	N	27.99	17.0	19.5
3787	BH378705WS	BH	REAL	16-JUL-87	PLUTONIUM-239/240	0.1100	PCI/G	.11		0.0000		0.02	5.0	5.0
3887	BH38870010	BH	REAL	14-JUL-87	PLUTONIUM-239/240	0.0800	PCI/G	.13		0.0000		0.02	0.0	9.5
3987	BH398702DH	BH	REAL	12-AUG-87	PLUTONIUM-239/240	0.0300	PCI/G	.1		0.0000		0.02	2.0	3.4
3987	BH398717BR	BH	REAL	12-AUG-87	PLUTONIUM-239/240	0.0400	PCI/G	.11		0.0000		0.02	17.0	19.5
3987	BH398719DH	BH	REAL	12-AUG-87	PLUTONIUM-239/240	0.0800	PCI/G	.13		0.0000		0.02	19.5	22.0
40291	BH00013EB	BH	REAL	19-SEP-91	PLUTONIUM-239/240	0.0250	PCI/G	.01		0.0040	V	0.02	0.0	6.0

Appendix II.Z-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P207589	SEP0389BR0003	BH	REAL	18-MAY-89	PLUTONIUM-239/240	0.2200	PCI/G	.04		0.0100		0.02	0.0	3.0
P207789	SEP0589BR0006	BH	REAL	05-MAY-89	PLUTONIUM-239/240	0.0800	PCI/G	.03		0.0100		0.02	0.0	5.8
P207989	SEP0789BR0003	BH	REAL	02-MAY-89	PLUTONIUM-239/240	0.0500	PCI/G	.02		0.0000		0.02	0.0	2.6
P209089	SEP1889BR0003	BH	REAL	17-MAY-89	PLUTONIUM-239/240	1.6000	PCI/G	.1		0.0200		0.02	0.0	3.2
P209089	SEP1889BR0309	BH	REAL	17-MAY-89	PLUTONIUM-239/240	0.1600	PCI/G	.03		0.0100		0.02	3.5	8.6
P209189	SEP1989BR1016	BH	REAL	25-MAY-89	PLUTONIUM-239/240	0.0700	PCI/G	.02		0.0100		0.02	10.3	16.3
P209189	SEP1989BR1622	BH	REAL	25-MAY-89	PLUTONIUM-239/240	0.0400	PCI/G	.02		0.0100		0.02	16.3	22.3
P209389	SEP2189BR0003	BH	REAL	07-JUN-89	PLUTONIUM-239/240	0.0300	PCI/G	.02		0.0100		0.02	0.0	3.0
P209389	SEP2189BR0912	BH	REAL	07-JUN-89	PLUTONIUM-239/240	0.0900	PCI/G	.03		0.0200		0.02	9.0	11.8
P209489	SEP2289BR0307	BH	REAL	16-MAY-89	PLUTONIUM-239/240	0.0300	PCI/G	.02		0.0100		0.02	3.0	7.4
P209589	SEP2389BR0004	BH	REAL	10-MAY-89	PLUTONIUM-239/240	0.1700	PCI/G	.03		0.0000		0.02	0.0	4.1
P209789	SEP25890006	BH	REAL	04-MAY-89	PLUTONIUM-239/240	0.0300	PCI/G	.02		0.0000		0.02	0.0	6.2
P210189	SEP3089BR0309	BH	REAL	19-MAY-89	PLUTONIUM-239/240	0.8300	PCI/G	.06		0.0100		0.02	3.0	9.0
P210189	SEP3089BR0915	BH	REAL	19-MAY-89	PLUTONIUM-239/240	0.7000	PCI/G	.05		0.0100		0.02	9.0	14.6
P210189	SEP3089BR1521	BH	REAL	19-MAY-89	PLUTONIUM-239/240	0.0800	PCI/G	.02		0.0100		0.02	14.6	20.6
P210189	SEP3089BR2127	BH	REAL	19-MAY-89	PLUTONIUM-239/240	0.0400	PCI/G	.02		0.0100		0.02	20.6	26.6
P210289	SEP3189BR0003	BH	REAL	15-MAY-89	PLUTONIUM-239/240	2.5000	PCI/G	.1		0.0100		0.02	0.0	3.0
P210289	SEP3189BR0306	BH	REAL	15-MAY-89	PLUTONIUM-239/240	0.0500	PCI/G	.02		0.0100		0.02	3.0	5.2
P210289	SEP3189BR1319	BH	REAL	15-MAY-89	PLUTONIUM-239/240	0.0500	PCI/G	.03		0.0200		0.02	13.0	19.0
P218389	P2183890003	BH	REAL	08-NOV-89	PLUTONIUM-239/240	0.2860	PCI/G	.036		0.0040	A	0.02	0.0	2.9
P218389	P2183890003	BH	REAL	08-NOV-89	PLUTONIUM-239/240	0.2860	PCI/G	.036		0.0040		0.02	0.0	2.9
P219189	P2191890003	BH	REAL	30-NOV-89	PLUTONIUM-239/240	0.5260	PCI/G	.069		0.0050	A	0.02	0.0	3.0
P219489	P2194890003	BH	REAL	05-DEC-89	PLUTONIUM-239/240	0.0650	PCI/G	.017		0.0040		0.02	0.0	3.0
P219589	P2195890003	BH	REAL	07-DEC-89	PLUTONIUM-239/240	0.1030	PCI/G	.024		0.0000	A	0.02	0.0	3.0
P219589	P2195890307	BH	REAL	07-DEC-89	PLUTONIUM-239/240	0.1180	PCI/G	.024		0.0040	A	0.02	3.0	7.3
P219589	P2195890711	BH	REAL	07-DEC-89	PLUTONIUM-239/240	0.1300	PCI/G	.027		0.0000	A	0.02	8.0	10.9
SP0187	SP018704DH	BH	REAL	27-OCT-87	PLUTONIUM-239/240	0.0900	PCI/G	.14		0.0000		0.02	4.0	5.0
SP0187	SP018705DH	BH	REAL	27-OCT-87	PLUTONIUM-239/240	0.3200	PCI/G	.17		0.0000		0.02	5.0	6.3
SP0187	SP018711DH	BH	REAL	27-OCT-87	PLUTONIUM-239/240	0.0900	PCI/G	.14		0.0000		0.02	10.5	12.2
SP0187	SP018723DH	BH	REAL	28-OCT-87	PLUTONIUM-239/240	0.0400	PCI/G	.15		0.0000		0.02	22.7	24.1
SP0287	SP02870008	BH	REAL	29-OCT-87	PLUTONIUM-239/240	0.1300	PCI/G	.15		0.0000		0.02	0.0	10.1
SP0287	SP028711CT	BH	REAL	29-OCT-87	PLUTONIUM-239/240	0.0600	PCI/G	.14		0.0000		0.02	10.1	12.6
SP0387	SP038702DH	BH	REAL	21-OCT-87	PLUTONIUM-239/240	0.0800	PCI/G	.1		0.0000		0.02	2.0	3.5
SP0387	SP038711DH	BH	REAL	26-OCT-87	PLUTONIUM-239/240	0.0500	PCI/G	.15		0.0000		0.02	10.3	11.6
SP0387	SP038716BR	BH	REAL	26-OCT-87	PLUTONIUM-239/240	0.0300	PCI/G	.12		0.0000		0.02	15.2	16.9
SP0487	SP048702DH	BH	REAL	30-OCT-87	PLUTONIUM-239/240	1.9000	PCI/G	.3		0.0000		0.02	2.0	3.7
SP0487	SP048707DH	BH	REAL	30-OCT-87	PLUTONIUM-239/240	0.0500	PCI/G	.11		0.0000		0.02	7.0	8.7
SP0487	SP048717DH	BH	REAL	03-NOV-87	PLUTONIUM-239/240	0.0300	PCI/G	.11		0.0000		0.02	17.0	19.5
SP0487	SP048730DH	BH	REAL	02-NOV-87	PLUTONIUM-239/240	0.0300	PCI/G	.1		0.0000		0.02	29.5	32.0
SP0587	SP058702DH	BH	REAL	05-NOV-87	PLUTONIUM-239/240	0.0900	PCI/G	.11		0.0000		0.02	2.0	3.3
SP0587	SP058707DH	BH	REAL	05-NOV-87	PLUTONIUM-239/240	0.0400	PCI/G	.09		0.0000		0.02	7.0	8.3
SP0587	SP058712DH	BH	REAL	05-NOV-87	PLUTONIUM-239/240	0.1300	PCI/G	.11		0.0000		0.02	12.8	14.4
SP0587	SP058716DH	BH	REAL	05-NOV-87	PLUTONIUM-239/240	0.5000	PCI/G	.16		0.0000		0.02	15.3	17.3
SP0687	SP068708DH	BH	REAL	18-NOV-87	PLUTONIUM-239/240	0.0900	PCI/G	.08		0.0000		0.02	8.0	10.4
SP0687	SP068713DH	BH	REAL	18-NOV-87	PLUTONIUM-239/240	0.0300	PCI/G	.09		0.0000		0.02	13.0	14.3
SP0687	SP068718DH	BH	REAL	18-NOV-87	PLUTONIUM-239/240	0.0500	PCI/G	.09		0.0000		0.02	18.0	20.5
SP0687	SP068726DH	BH	REAL	19-NOV-87	PLUTONIUM-239/240	0.1600	PCI/G	.22		0.0000		0.02	25.7	28.2
SP0787	SP078700DH	BH	REAL	12-NOV-87	PLUTONIUM-239/240	2.2000	PCI/G	.3		0.0000		0.02	0.0	1.8
SP0787	SP078702DH	BH	REAL	12-NOV-87	PLUTONIUM-239/240	0.1000	PCI/G	.11		0.0000		0.02	2.0	3.8
SP0787	SP078711DH	BH	REAL	12-NOV-87	PLUTONIUM-239/240	0.0600	PCI/G	.1		0.0000		0.02	10.5	12.2
SP0787	SP078713DH	BH	REAL	12-NOV-87	PLUTONIUM-239/240	0.0300	PCI/G	.1		0.0000		0.02	13.0	14.8
SP0787	SP078726DH	BH	REAL	13-NOV-87	PLUTONIUM-239/240	0.0500	PCI/G	.11		0.0000		0.02	26.0	28.5
SP0887	SP088709BR	BH	REAL	29-OCT-87	PLUTONIUM-239/240	0.0300	PCI/G	.11		0.0000		0.02	9.0	11.5
SP1087	SP108700DH	BH	REAL	09-NOV-87	PLUTONIUM-239/240	3.5000	PCI/G	.3		0.0000		0.02	0.0	1.8
SP1087	SP108702DH	BH	REAL	09-NOV-87	PLUTONIUM-239/240	0.2400	PCI/G	.12		0.0000		0.02	2.0	3.9
SP1087	SP108704BR	BH	REAL	09-NOV-87	PLUTONIUM-239/240	0.1300	PCI/G	.11		0.0000		0.02	4.0	5.0
SP1087	SP108705DH	BH	REAL	09-NOV-87	PLUTONIUM-239/240	0.0600	PCI/G	.13		0.0000		0.02	5.0	7.0
SP1087	SP108709DH	BH	REAL	09-NOV-87	PLUTONIUM-239/240	0.0300	PCI/G	.09		0.0000		0.02	9.0	11.0

Appendix II.Z-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SP1087	SP108713DH	BH	REAL	09-NOV-87	PLUTONIUM-239/240	0.0300	PCI/G	.09		0.0000		0.02	13.0	14.9
SP1087	SP108717DH	BH	REAL	10-NOV-87	PLUTONIUM-239/240	0.0400	PCI/G	.11		0.0000		0.02	17.0	19.0
SP1187	SP118726DH	BH	REAL	04-NOV-87	PLUTONIUM-239/240	0.0500	PCI/G	.11		0.0000		0.02	26.5	29.0
SP1287	SP128719DH	BH	REAL	09-NOV-87	PLUTONIUM-239/240	0.0300	PCI/G	.1		0.0000		0.02	19.0	21.5
SP1387	SP138700UC	BH	REAL	06-NOV-87	PLUTONIUM-239/240	0.0500	PCI/G	.12		0.0000		0.02	0.0	1.5
SP1387	SP138701CT	BH	REAL	06-NOV-87	PLUTONIUM-239/240	0.0500	PCI/G	.1		0.0000		0.02	1.5	3.5
SP1587	SP158708DH	BH	REAL	12-NOV-87	PLUTONIUM-239/240	0.0400	PCI/G	.1		0.0000		0.02	8.0	10.0
40191	BH00006EB	BH	REAL	18-SEP-91	RADIUM-226	0.8600	PCI/G	.31		0.2700	A	0.65	12.0	16.0
40191	BH00004EB	BH	REAL	18-SEP-91	RADIUM-226	0.6700	PCI/G	.24		0.2100	A	0.65	6.0	12.0
P207589	SEP0389BR0003	BH	REAL	18-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	0.0	3.0
P207589	SEP0389BR0309	BH	REAL	18-MAY-89	RADIUM-226	0.9000	PCI/G	.1		0.1000		0.65	3.0	9.4
P207589	SEP0389BR0915	BH	REAL	18-MAY-89	RADIUM-226	1.4000	PCI/G	.1		0.1000		0.65	9.4	15.4
P207589	SEP0389BR1521	BH	REAL	18-MAY-89	RADIUM-226	0.9000	PCI/G	.1		0.1000		0.65	15.4	21.4
P207689	SEP04890006	BH	REAL	05-MAY-89	RADIUM-226	0.8000	PCI/G	.1		0.1000		0.65	0.0	5.7
P207689	SEP04891215	BH	REAL	05-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	12.6	15.3
P207789	SEP0589BR0006	BH	REAL	05-MAY-89	RADIUM-226	0.8000	PCI/G	.1		0.1000		0.65	0.0	5.8
P207789	SEP0589BR0613	BH	REAL	05-MAY-89	RADIUM-226	0.8000	PCI/G	.1		0.1000		0.65	6.3	12.9
P207789	SEP0589BR1318	BH	REAL	05-MAY-89	RADIUM-226	0.9000	PCI/G	.1		0.1000		0.65	12.9	18.3
P207789	SEP0589BR1824	BH	REAL	05-MAY-89	RADIUM-226	0.8000	PCI/G	.1		0.1000		0.65	18.3	24.3
P207889	SEP06890306	BH	REAL	01-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.0000		0.65	2.9	5.5
P207989	SEP0789BR0003	BH	REAL	02-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.0000		0.65	0.0	2.6
P207989	SEP0789BR0306	BH	REAL	02-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.0000		0.65	2.6	6.0
P207989	SEP0789BR0612	BH	REAL	02-MAY-89	RADIUM-226	1.3000	PCI/G	.1		0.0000		0.65	6.0	12.2
P207989	SEP0789BR1218	BH	REAL	02-MAY-89	RADIUM-226	1.0000	PCI/G	.1		0.0000		0.65	12.2	18.2
P208889	SEP1689BR0004	BH	REAL	09-MAY-89	RADIUM-226	1.1000	PCI/G	.1		0.0000		0.65	0.0	3.5
P208889	SEP1689BR0410	BH	REAL	09-MAY-89	RADIUM-226	0.8000	PCI/G	.1		0.0000		0.65	3.5	9.5
P208889	SEP1689BR1016	BH	REAL	09-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.0000		0.65	9.5	15.3
P208989	SEP1789BR0003	BH	REAL	12-MAY-89	RADIUM-226	0.9000	PCI/G	.1		0.0000		0.65	0.0	0.3
P208989	SEP1789BR0309	BH	REAL	12-MAY-89	RADIUM-226	1.1000	PCI/G	.1		0.0000		0.65	3.0	8.6
P208989	SEP1789BR0915	BH	REAL	12-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.0000		0.65	8.6	14.6
P209089	SEP1889BR0003	BH	REAL	17-MAY-89	RADIUM-226	0.9000	PCI/G	.1		0.1000		0.65	0.0	3.2
P209089	SEP1889BR0309	BH	REAL	17-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	3.5	8.6
P209089	SEP1889BR1218	BH	REAL	17-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	11.5	17.5
P209089	SEP1889BR1824	BH	REAL	17-MAY-89	RADIUM-226	0.9000	PCI/G	.1		0.1000		0.65	17.5	23.5
P209189	SEP1989BR0003	BH	REAL	25-MAY-89	RADIUM-226	0.8000	PCI/G	.1		0.1000		0.65	0.0	3.0
P209189	SEP1989BR1016	BH	REAL	25-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	10.3	16.3
P209189	SEP1989BR1622	BH	REAL	25-MAY-89	RADIUM-226	0.8000	PCI/G	.1		0.1000		0.65	16.3	22.3
P209289	SEP20890003	BH	REAL	08-JUN-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	0.0	3.0
P209389	SEP2189BR0003	BH	REAL	07-JUN-89	RADIUM-226	1.3000	PCI/G	.1		0.1000		0.65	0.0	3.0
P209389	SEP2189BR0912	BH	REAL	07-JUN-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	9.0	11.8
P209389	SEP2189BR1420	BH	REAL	07-JUN-89	RADIUM-226	0.8000	PCI/G	.1		0.1000		0.65	14.2	20.2
P209389	SEP2189BR2026	BH	REAL	07-JUN-89	RADIUM-226	0.8000	PCI/G	.1		0.1000		0.65	20.2	26.2
P209489	SEP2289BR0912	BH	REAL	16-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	8.9	12.0
P209489	SEP2289BR1213	BH	REAL	16-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	12.0	13.3
P209489	SEP2289BR1621	BH	REAL	16-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	16.0	21.0
P209589	SEP2389BR0004	BH	REAL	10-MAY-89	RADIUM-226	1.1000	PCI/G	.1		0.0000		0.65	0.0	4.1
P209589	SEP2389BR0410	BH	REAL	10-MAY-89	RADIUM-226	0.9000	PCI/G	.1		0.0000		0.65	4.1	10.0
P209589	SEP2389BR1015	BH	REAL	10-MAY-89	RADIUM-226	1.0000	PCI/G	.1		0.0000		0.65	10.0	14.5
P209689	SEP2489BR0612	BH	REAL	03-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.0000		0.65	6.2	12.2
P209689	SEP2489BR1218	BH	REAL	03-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.0000		0.65	12.2	18.2
P209689	SEP2489BR1824	BH	REAL	03-MAY-89	RADIUM-226	1.0000	PCI/G	.1		0.0000		0.65	18.2	24.2
P209789	SEP25890006	BH	REAL	04-MAY-89	RADIUM-226	0.8000	PCI/G	.1		0.0000		0.65	0.0	6.2
P209789	SEP25891216	BH	REAL	04-MAY-89	RADIUM-226	0.9000	PCI/G	.1		0.0000		0.65	12.0	15.2
P209889	SEP2689BR0410	BH	REAL	11-MAY-89	RADIUM-226	1.0000	PCI/G	.1		0.1000		0.65	3.9	9.9
P209889	SEP2689BR1016	BH	REAL	11-MAY-89	RADIUM-226	1.7000	PCI/G	.1		0.1000		0.65	9.9	15.9
P210189	SEP3089BR0003	BH	REAL	19-MAY-89	RADIUM-226	1.0000	PCI/G	.1		0.1000		0.65	0.0	3.0
P210189	SEP3089BR0309	BH	REAL	19-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	3.0	9.0

Appendix II.2-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P210189	SEP3089BR0915	BH	REAL	19-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	9.0	14.6
P210189	SEP3089BR1521	BH	REAL	19-MAY-89	RADIUM-226	0.9000	PCI/G	.1		0.1000		0.65	14.6	20.6
P210189	SEP3089BR2127	BH	REAL	19-MAY-89	RADIUM-226	0.9000	PCI/G	.1		0.1000		0.65	20.6	26.6
P210289	SEP3189BR0003	BH	REAL	15-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	0.0	3.0
P210289	SEP3189BR0306	BH	REAL	15-MAY-89	RADIUM-226	0.7000	PCI/G	.1		0.1000		0.65	3.0	5.2
P210289	SEP3189BR0713	BH	REAL	15-MAY-89	RADIUM-226	0.9000	PCI/G	.1		0.1000		0.65	6.6	13.0
P210289	SEP3189BR1319	BH	REAL	15-MAY-89	RADIUM-226	1.2000	PCI/G	.1		0.1000		0.65	13.0	19.0
P218389	P2183891216	BH	REAL	08-NOV-89	RADIUM-226	1.1000	PCI/G	.3		0.3000		0.65	12.0	16.0
P219189	P2191890003	BH	REAL	30-NOV-89	RADIUM-226	1.1000	PCI/G	.4		0.4000		0.65	0.0	3.0
P219189	P2191890711	BH	REAL	30-NOV-89	RADIUM-226	1.3000	PCI/G	.7		0.6000		0.65	7.0	11.0
P219189	P2191891116	BH	REAL	30-NOV-89	RADIUM-226	1.7000	PCI/G	.8		0.7000		0.65	11.0	14.4
P219489	P2194890003	BH	REAL	05-DEC-89	RADIUM-226	0.8000	PCI/G	.3		0.3000	V	0.65	0.0	3.0
P219489	P2194890003	BH	REAL	05-DEC-89	RADIUM-226	0.8000	PCI/G	.3		0.3000		0.65	0.0	3.0
P219489	P2194890709	BH	REAL	05-DEC-89	RADIUM-226	1.2000	PCI/G	.3		0.3000	V	0.65	7.0	9.3
P219489	P2194890709	BH	REAL	05-DEC-89	RADIUM-226	1.2000	PCI/G	.3		0.3000		0.65	7.0	9.3
P219489	P2194890911	BH	REAL	05-DEC-89	RADIUM-226	0.8000	PCI/G	.2		0.3000	V	0.65	9.3	11.0
P219489	P2194890911	BH	REAL	05-DEC-89	RADIUM-226	0.8000	PCI/G	.2		0.3000		0.65	9.3	11.0
P219489	P2194891418	BH	REAL	05-DEC-89	RADIUM-226	0.9000	PCI/G	.4		0.4000	V	0.65	14.0	18.0
P219489	P2194891418	BH	REAL	05-DEC-89	RADIUM-226	0.9000	PCI/G	.4		0.4000		0.65	14.0	18.0
P219489	P2194891822	BH	REAL	05-DEC-89	RADIUM-226	0.9000	PCI/G	.4		0.4000	V	0.65	18.0	22.0
P219489	P2194891822	BH	REAL	05-DEC-89	RADIUM-226	0.9000	PCI/G	.4		0.4000		0.65	18.0	22.0
P219589	P2195890003	BH	REAL	07-DEC-89	RADIUM-226	0.8000	PCI/G	.3		0.3000		0.65	0.0	3.0
P219589	P2195890307	BH	REAL	07-DEC-89	RADIUM-226	0.8000	PCI/G	.2		0.2000		0.65	3.0	7.3
P219589	P2195890711	BH	REAL	07-DEC-89	RADIUM-226	0.8000	PCI/G	.2		0.2000		0.65	8.0	10.9
P219589	P2195891117	BH	REAL	07-DEC-89	RADIUM-226	0.9000	PCI/G	.2		0.2000		0.65	10.9	16.7
P219589	P2195891719	BH	REAL	07-DEC-89	RADIUM-226	1.0000	PCI/G	.2		0.2000		0.65	16.7	18.7
3987	BH398712UC	BH	REAL	12-AUG-87	STRONTIUM-89,90	1.1000	PCI/G	.5		0.0000		0.54	12.0	14.0
3987	BH398719DH	BH	REAL	12-AUG-87	STRONTIUM-89,90	0.6000	PCI/G	.5		0.0000		0.54	19.5	22.0
SP0487	SP048712DH	BH	REAL	03-NOV-87	STRONTIUM-89,90	0.6000	PCI/G	.6		0.0000		0.54	12.0	14.5
SP0687	SP068718DH	BH	REAL	18-NOV-87	STRONTIUM-89,90	0.6000	PCI/G	.7		0.0000		0.54	18.0	20.5
SP0787	SP078723BR	BH	REAL	13-NOV-87	STRONTIUM-89,90	0.6000	PCI/G	.9		0.0000		0.54	23.0	26.0
SP1087	SP108709DH	BH	REAL	09-NOV-87	STRONTIUM-89,90	1.1000	PCI/G	.9		0.0000		0.54	9.0	11.0
SP1287	SP128734DH	BH	REAL	11-NOV-87	STRONTIUM-89,90	0.8000	PCI/G	.8		0.0000		0.54	34.0	34.5
40191	BH00003EB	BH	REAL	18-SEP-91	TRITIUM	390.0000	PCI/L	241		360.0000	A	212.2	0.0	6.0
40191	BH00006EB	BH	REAL	18-SEP-91	TRITIUM	930.0000	PCI/L	274		360.0000	A	212.2	12.0	16.0
40191	BH00004EB	BH	REAL	18-SEP-91	TRITIUM	1150.0000	PCI/L	286		360.0000	A	212.2	6.0	12.0
40291	BH00013EB	BH	REAL	19-SEP-91	TRITIUM	300.0000	PCI/L	240		370.0000	A	212.2	0.0	6.0
40291	BH00016EB	BH	REAL	19-SEP-91	TRITIUM	760.0000	PCI/L	263		360.0000	A	212.2	6.0	12.0
P218389	P2183890003	BH	REAL	08-NOV-89	TRITIUM	7430.0000	PCI/L	700		740.0000		212.2	0.0	2.9
P218389	P2183891216	BH	REAL	08-NOV-89	TRITIUM	220.0000	PCI/L	110		170.0000		212.2	12.0	16.0
P219189	P2191890003	BH	REAL	30-NOV-89	TRITIUM	1790.0000	PCI/L	260		290.0000		212.2	0.0	3.0
P219189	P2191890711	BH	REAL	30-NOV-89	TRITIUM	1940.0000	PCI/L	250		280.0000		212.2	7.0	11.0
P219189	P2191891116	BH	REAL	30-NOV-89	TRITIUM	1230.0000	PCI/L	220		280.0000		212.2	11.0	14.4
P219489	P2194891114	BH	REAL	05-DEC-89	TRITIUM	1860.0000	PCI/L	270		330.0000		212.2	11.0	14.0
P219489	P2194891418	BH	REAL	05-DEC-89	TRITIUM	1490.0000	PCI/L	240		300.0000		212.2	14.0	18.0
P219489	P2194891822	BH	REAL	05-DEC-89	TRITIUM	650.0000	PCI/L	220		320.0000		212.2	18.0	22.0
P219589	P2195890003	BH	REAL	07-DEC-89	TRITIUM	320.0000	PCI/L	190		290.0000		212.2	0.0	3.0
P219589	P2195890307	BH	REAL	07-DEC-89	TRITIUM	350.0000	PCI/L	180		270.0000		212.2	3.0	7.3
P219589	P2195890711	BH	REAL	07-DEC-89	TRITIUM	490.0000	PCI/L	190		280.0000		212.2	8.0	10.9
P219589	P2195891117	BH	REAL	07-DEC-89	TRITIUM	630.0000	PCI/L	200		280.0000		212.2	10.9	16.7
P219589	P2195891719	BH	REAL	07-DEC-89	TRITIUM	1400.0000	PCI/L	230		260.0000		212.2	16.7	18.7
3787	BH378705WS	BH	REAL	16-JUL-87	URANIUM-233,-234	0.5400	PCI/G	.14		0.0000	N	0.53	5.0	5.0
3787	BH378725BR	BH	REAL	17-JUL-87	URANIUM-233,-234	1.4000	PCI/G	.4		0.0000	N	0.53	25.0	26.2
40191	BH00006EB	BH	REAL	18-SEP-91	URANIUM-233,-234	1.0400	PCI/G	.33		0.0240	V	0.53	12.0	16.0
40191	BH00004EB	BH	REAL	18-SEP-91	URANIUM-233,-234	0.7300	PCI/G	.22		0.0180	V	0.53	6.0	12.0

Appendix II.Z-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
40291	BH00013EB	BH	REAL	19-SEP-91	URANIUM-233,-234	0.6300	PCI/G	.2		0.0170	V	0.53	0.0	6.0
40291	BH00016EB	BH	REAL	19-SEP-91	URANIUM-233,-234	0.6300	PCI/G	.2		0.0160	V	0.53	6.0	12.0
5687	BH568702DH	BH	REAL	10-SEP-87	URANIUM-233,-234	0.6100	PCI/G	.2		0.0000	N	0.53	2.0	3.5
5687	BH568717WT	BH	REAL	11-SEP-87	URANIUM-233,-234	3.4000	PCI/G	.3		0.0000	N	0.53	17.0	18.9
5687	BH568720CT	BH	REAL	11-SEP-87	URANIUM-233,-234	0.5700	PCI/G	.13		0.0000	N	0.53	19.5	22.0
5687	BH568722BR	BH	REAL	11-SEP-87	URANIUM-233,-234	0.8000	PCI/G	.15		0.0000	N	0.53	22.0	24.3
P207589	SEP0389BR0003	BH	REAL	18-MAY-89	URANIUM-233,-234	0.7000	PCI/G	.2		0.1000		0.53	0.0	3.0
P207589	SEP0389BR0309	BH	REAL	18-MAY-89	URANIUM-233,-234	0.8000	PCI/G	.2		0.1000		0.53	3.0	9.4
P207589	SEP0389BR0915	BH	REAL	18-MAY-89	URANIUM-233,-234	2.2000	PCI/G	.3		0.1000		0.53	9.4	15.4
P207589	SEP0389BR1521	BH	REAL	18-MAY-89	URANIUM-233,-234	0.9000	PCI/G	.3		0.2000		0.53	15.4	21.4
P207689	SEP04890006	BH	REAL	05-MAY-89	URANIUM-233,-234	0.6000	PCI/G	.2		0.1000		0.53	0.0	5.7
P207689	SEP04890612	BH	REAL	05-MAY-89	URANIUM-233,-234	0.9000	PCI/G	.2		0.1000		0.53	6.2	12.6
P207689	SEP04891215	BH	REAL	05-MAY-89	URANIUM-233,-234	0.9000	PCI/G	.2		0.1000		0.53	12.6	15.3
P207789	SEP0589BR0006	BH	REAL	05-MAY-89	URANIUM-233,-234	0.7000	PCI/G	.2		0.1000		0.53	0.0	5.8
P207789	SEP0589BR0613	BH	REAL	05-MAY-89	URANIUM-233,-234	1.0000	PCI/G	.2		0.1000		0.53	6.3	12.9
P207789	SEP0589BR1318	BH	REAL	05-MAY-89	URANIUM-233,-234	1.4000	PCI/G	.3		0.1000		0.53	12.9	18.3
P207789	SEP0589BR1824	BH	REAL	05-MAY-89	URANIUM-233,-234	1.1000	PCI/G	.3		0.1000		0.53	18.3	24.3
P207989	SEP0789BR0003	BH	REAL	02-MAY-89	URANIUM-233,-234	0.6000	PCI/G	.2		0.1000		0.53	0.0	2.6
P207989	SEP0789BR0306	BH	REAL	02-MAY-89	URANIUM-233,-234	1.2000	PCI/G	.3		0.1000		0.53	2.6	6.0
P207989	SEP0789BR0612	BH	REAL	02-MAY-89	URANIUM-233,-234	1.9000	PCI/G	.4		0.1000		0.53	6.0	12.2
P207989	SEP0789BR1218	BH	REAL	02-MAY-89	URANIUM-233,-234	0.9000	PCI/G	.3		0.1000		0.53	12.2	18.2
P208889	SEP1689BR0004	BH	REAL	09-MAY-89	URANIUM-233,-234	1.2000	PCI/G	.2		0.1000		0.53	0.0	3.5
P208889	SEP1689BR0410	BH	REAL	09-MAY-89	URANIUM-233,-234	0.7000	PCI/G	.2		0.1000		0.53	3.5	9.5
P208889	SEP1689BR1016	BH	REAL	09-MAY-89	URANIUM-233,-234	0.9000	PCI/G	.2		0.1000		0.53	9.5	15.3
P208989	SEP1789BR0003	BH	REAL	12-MAY-89	URANIUM-233,-234	0.8000	PCI/G	.2		0.1000		0.53	0.0	0.3
P208989	SEP1789BR0309	BH	REAL	12-MAY-89	URANIUM-233,-234	0.8000	PCI/G	.2		0.1000		0.53	3.0	8.6
P209089	SEP1889BR1218	BH	REAL	17-MAY-89	URANIUM-233,-234	1.4000	PCI/G	.5		0.1000		0.53	11.5	17.5
P209089	SEP1889BR1824	BH	REAL	17-MAY-89	URANIUM-233,-234	1.3000	PCI/G	.3		0.1000		0.53	17.5	23.5
P209189	SEP1989BR0003	BH	REAL	25-MAY-89	URANIUM-233,-234	1.9000	PCI/G	.3		0.1000		0.53	0.0	3.0
P209189	SEP1989BR1016	BH	REAL	25-MAY-89	URANIUM-233,-234	0.6000	PCI/G	.1		0.1000		0.53	10.3	16.3
P209189	SEP1989BR1622	BH	REAL	25-MAY-89	URANIUM-233,-234	0.8000	PCI/G	.2		0.1000		0.53	16.3	22.3
P209289	SEP20890003	BH	REAL	08-JUN-89	URANIUM-233,-234	0.7000	PCI/G	.2		0.1000		0.53	0.0	3.0
P209289	SEP20890912	BH	REAL	08-JUN-89	URANIUM-233,-234	0.9000	PCI/G	.2		0.1000		0.53	9.2	12.2
P209389	SEP2189BR0003	BH	REAL	07-JUN-89	URANIUM-233,-234	0.7000	PCI/G	.2		0.1000		0.53	0.0	3.0
P209389	SEP2189BR1420	BH	REAL	07-JUN-89	URANIUM-233,-234	1.3000	PCI/G	.1		0.1000		0.53	14.2	20.2
P209489	SEP2289BR0307	BH	REAL	16-MAY-89	URANIUM-233,-234	0.6000	PCI/G	.1		0.1000		0.53	3.0	7.4
P209489	SEP2289BR0912	BH	REAL	16-MAY-89	URANIUM-233,-234	0.9000	PCI/G	.2		0.1000		0.53	8.9	12.0
P209489	SEP2289BR1416	BH	REAL	16-MAY-89	URANIUM-233,-234	0.6000	PCI/G	.2		0.1000		0.53	14.0	15.6
P209589	SEP2389BR0004	BH	REAL	10-MAY-89	URANIUM-233,-234	1.0000	PCI/G	.2		0.1000		0.53	0.0	4.1
P209589	SEP2389BR0410	BH	REAL	10-MAY-89	URANIUM-233,-234	1.4000	PCI/G	.3		0.1000		0.53	4.1	10.0
P209589	SEP2389BR1015	BH	REAL	10-MAY-89	URANIUM-233,-234	0.7000	PCI/G	.2		0.1000		0.53	10.0	14.5
P209689	SEP2489BR0612	BH	REAL	03-MAY-89	URANIUM-233,-234	0.6000	PCI/G	.2		0.1000		0.53	6.2	12.2
P209689	SEP2489BR1218	BH	REAL	03-MAY-89	URANIUM-233,-234	0.7000	PCI/G	.2		0.1000		0.53	12.2	18.2
P209689	SEP2489BR1824	BH	REAL	03-MAY-89	URANIUM-233,-234	0.7000	PCI/G	.2		0.1000		0.53	18.2	24.2
P209789	SEP25891216	BH	REAL	04-MAY-89	URANIUM-233,-234	0.7000	PCI/G	.2		0.0000		0.53	12.0	15.2
P209889	SEP2689BR0410	BH	REAL	11-MAY-89	URANIUM-233,-234	0.9000	PCI/G	.2		0.1000		0.53	3.9	9.9
P209889	SEP2689BR1016	BH	REAL	11-MAY-89	URANIUM-233,-234	1.7000	PCI/G	.3		0.1000		0.53	9.9	15.9
P210189	SEP3089BR0003	BH	REAL	19-MAY-89	URANIUM-233,-234	1.6000	PCI/G	.2		0.1000		0.53	0.0	3.0
P210189	SEP3089BR0309	BH	REAL	19-MAY-89	URANIUM-233,-234	7.1000	PCI/G	.6		0.1000		0.53	3.0	9.0
P210189	SEP3089BR0915	BH	REAL	19-MAY-89	URANIUM-233,-234	0.7000	PCI/G	.2		0.1000		0.53	9.0	14.6
P210189	SEP3089BR1521	BH	REAL	19-MAY-89	URANIUM-233,-234	1.5000	PCI/G	.3		0.1000		0.53	14.6	20.6
P210189	SEP3089BR2127	BH	REAL	19-MAY-89	URANIUM-233,-234	1.2000	PCI/G	.3		0.1000		0.53	20.6	26.6
P210289	SEP3189BR0003	BH	REAL	15-MAY-89	URANIUM-233,-234	1.3000	PCI/G	.3		0.1000		0.53	0.0	3.0
P210289	SEP3189BR0306	BH	REAL	15-MAY-89	URANIUM-233,-234	0.8000	PCI/G	.2		0.1000		0.53	3.0	5.2
P210289	SEP3189BR0713	BH	REAL	15-MAY-89	URANIUM-233,-234	1.3000	PCI/G	.2		0.1000		0.53	6.6	13.0
P210289	SEP3189BR1319	BH	REAL	15-MAY-89	URANIUM-233,-234	1.8000	PCI/G	.3		0.1000		0.53	13.0	19.0
P218389	P2183891216	BH	REAL	08-NOV-89	URANIUM-233,-234	1.0000	PCI/G	.37		0.0000		0.53	12.0	16.0
P219189	P2191890003	BH	REAL	30-NOV-89	URANIUM-233,-234	0.8200	PCI/L	.37		0.1100	A	0.53	0.0	3.0

Appendix II.2-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P219189	P2191890003	BH	REAL	30-NOV-89	URANIUM-233,-234	0.8200	PCI/G	.37		0.1100		0.53	0.0	3.0
P219189	P2191890711	BH	REAL	30-NOV-89	URANIUM-233,-234	1.1300	PCI/L	.36		0.0400	A	0.53	7.0	11.0
P219189	P2191890711	BH	REAL	30-NOV-89	URANIUM-233,-234	1.1300	PCI/G	.36		0.0400		0.53	7.0	11.0
P219189	P2191891116	BH	REAL	30-NOV-89	URANIUM-233,-234	1.7800	PCI/L	.67		0.1500	A	0.53	11.0	14.4
P219189	P2191891116	BH	REAL	30-NOV-89	URANIUM-233,-234	1.7800	PCI/G	.67		0.1500		0.53	11.0	14.4
P219489	P2194891822	BH	REAL	05-DEC-89	URANIUM-233,-234	0.8500	PCI/G	.33		0.0600		0.53	18.0	22.0
P219489	P2194892226	BH	REAL	06-DEC-89	URANIUM-233,-234	0.5700	PCI/G	.22		0.0000		0.53	22.0	26.0
P219589	P2195890003	BH	REAL	07-DEC-89	URANIUM-233,-234	0.8900	PCI/L	.27		0.0000	A	0.53	0.0	3.0
P219589	P2195890003	BH	REAL	07-DEC-89	URANIUM-233,-234	0.8900	PCI/G	.27		0.0000		0.53	0.0	3.0
P219589	P2195890307	BH	REAL	07-DEC-89	URANIUM-233,-234	0.6200	PCI/L	.24		0.0000	A	0.53	3.0	7.3
P219589	P2195890307	BH	REAL	07-DEC-89	URANIUM-233,-234	0.6200	PCI/G	.24		0.0000		0.53	3.0	7.3
SP0187	SP018704DH	BH	REAL	27-OCT-87	URANIUM-233,-234	1.7000	PCI/G	.4		0.0000	N	0.53	4.0	5.0
SP0187	SP018705DH	BH	REAL	27-OCT-87	URANIUM-233,-234	2.0000	PCI/G	.4		0.0000	N	0.53	5.0	6.3
SP0187	SP018716BR	BH	REAL	28-OCT-87	URANIUM-233,-234	0.7000	PCI/G	.14		0.0000	N	0.53	15.2	16.7
SP0187	SP018721DH	BH	REAL	28-OCT-87	URANIUM-233,-234	0.5700	PCI/G	.14		0.0000	N	0.53	20.2	22.3
SP0187	SP018723DH	BH	REAL	28-OCT-87	URANIUM-233,-234	0.7700	PCI/G	.16		0.0000	N	0.53	22.7	24.1
SP0287	SP02870008	BH	REAL	29-OCT-87	URANIUM-233,-234	1.5000	PCI/G	.3		0.0000	N	0.53	0.0	10.1
SP0287	SP028708UC	BH	REAL	29-OCT-87	URANIUM-233,-234	0.5800	PCI/G	.16		0.0000	N	0.53	7.6	10.1
SP0287	SP028711CT	BH	REAL	29-OCT-87	URANIUM-233,-234	0.5400	PCI/G	.14		0.0000	N	0.53	10.1	12.6
SP0387	SP038702DH	BH	REAL	21-OCT-87	URANIUM-233,-234	1.3000	PCI/G	.2		0.0000	N	0.53	2.0	3.5
SP0387	SP038711DH	BH	REAL	26-OCT-87	URANIUM-233,-234	0.6300	PCI/G	.21		0.0000	N	0.53	10.3	11.6
SP0387	SP038713CT	BH	REAL	26-OCT-87	URANIUM-233,-234	0.6100	PCI/G	.18		0.0000	N	0.53	12.8	14.4
SP0387	SP038716BR	BH	REAL	26-OCT-87	URANIUM-233,-234	0.7700	PCI/G	.18		0.0000	N	0.53	15.2	16.9
SP0487	SP048702DH	BH	REAL	30-OCT-87	URANIUM-233,-234	1.6000	PCI/G	.2		0.0000	N	0.53	2.0	3.7
SP0487	SP048704DH	BH	REAL	30-OCT-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	4.0	5.8
SP0487	SP048707DH	BH	REAL	30-OCT-87	URANIUM-233,-234	0.8600	PCI/G	.17		0.0000	N	0.53	7.0	8.7
SP0487	SP048712DH	BH	REAL	03-NOV-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	12.0	14.5
SP0487	SP048717DH	BH	REAL	03-NOV-87	URANIUM-233,-234	1.0000	PCI/G	.2		0.0000	N	0.53	17.0	19.5
SP0487	SP048720DH	BH	REAL	03-NOV-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	19.5	22.0
SP0487	SP048722DH	BH	REAL	03-NOV-87	URANIUM-233,-234	1.6000	PCI/G	.4		0.0000	N	0.53	22.0	24.5
SP0487	SP048725DH	BH	REAL	03-NOV-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	24.5	27.0
SP0487	SP048727DH	BH	REAL	02-NOV-87	URANIUM-233,-234	0.5800	PCI/G	.18		0.0000	N	0.53	27.0	29.5
SP0487	SP048730DH	BH	REAL	02-NOV-87	URANIUM-233,-234	0.8200	PCI/G	.18		0.0000	N	0.53	29.5	32.0
SP0587	SP058702DH	BH	REAL	05-NOV-87	URANIUM-233,-234	0.7500	PCI/G	.15		0.0000	N	0.53	2.0	3.3
SP0587	SP058704DH	BH	REAL	05-NOV-87	URANIUM-233,-234	0.7600	PCI/G	.16		0.0000	N	0.53	4.0	5.6
SP0587	SP058710DH	BH	REAL	05-NOV-87	URANIUM-233,-234	1.7000	PCI/G	.2		0.0000	N	0.53	9.5	10.1
SP0587	SP058712DH	BH	REAL	05-NOV-87	URANIUM-233,-234	1.2000	PCI/G	.2		0.0000	N	0.53	12.8	14.4
SP0587	SP058716DH	BH	REAL	05-NOV-87	URANIUM-233,-234	1.2000	PCI/G	.2		0.0000	N	0.53	15.3	17.3
SP0687	SP068711DH	BH	REAL	18-NOV-87	URANIUM-233,-234	0.7500	PCI/G	.17		0.0000	N	0.53	10.5	12.4
SP0687	SP068716DH	BH	REAL	18-NOV-87	URANIUM-233,-234	0.7000	PCI/G	.15		0.0000	N	0.53	15.5	17.7
SP0687	SP068718DH	BH	REAL	18-NOV-87	URANIUM-233,-234	1.8000	PCI/G	.3		0.0000	N	0.53	18.0	20.5
SP0687	SP068721DH	BH	REAL	18-NOV-87	URANIUM-233,-234	1.2000	PCI/G	.2		0.0000	N	0.53	20.5	23.0
SP0687	SP068724DH	BH	REAL	19-NOV-87	URANIUM-233,-234	1.4000	PCI/G	.2		0.0000	N	0.53	23.2	25.7
SP0687	SP068726DH	BH	REAL	19-NOV-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	25.7	28.2
SP0787	SP078700DH	BH	REAL	12-NOV-87	URANIUM-233,-234	0.9700	PCI/G	.26		0.0000	N	0.53	0.0	1.8
SP0787	SP078702DH	BH	REAL	12-NOV-87	URANIUM-233,-234	0.6000	PCI/G	.12		0.0000	N	0.53	2.0	3.8
SP0787	SP078716DH	BH	REAL	13-NOV-87	URANIUM-233,-234	0.6000	PCI/G	.13		0.0000	N	0.53	15.5	16.7
SP0787	SP078718WT	BH	REAL	13-NOV-87	URANIUM-233,-234	0.8800	PCI/G	.18		0.0000	N	0.53	18.0	19.3
SP0787	SP078721CT	BH	REAL	13-NOV-87	URANIUM-233,-234	1.5000	PCI/G	.2		0.0000	N	0.53	20.5	23.0
SP0787	SP078723BR	BH	REAL	13-NOV-87	URANIUM-233,-234	1.2000	PCI/G	.2		0.0000	N	0.53	23.0	26.0
SP0787	SP078726DH	BH	REAL	13-NOV-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	26.0	28.5
SP0887	SP088703UC	BH	REAL	29-OCT-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	3.5	6.5
SP0887	SP088706CT	BH	REAL	29-OCT-87	URANIUM-233,-234	0.8700	PCI/G	.15		0.0000	N	0.53	6.9	8.5
SP0887	SP088709BR	BH	REAL	29-OCT-87	URANIUM-233,-234	1.0000	PCI/G	.2		0.0000	N	0.53	9.0	11.5
SP0987	SP098706CT	BH	REAL	02-NOV-87	URANIUM-233,-234	0.9400	PCI/G	.18		0.0000	N	0.53	6.0	8.5
SP0987	SP098708BR	BH	REAL	02-NOV-87	URANIUM-233,-234	0.8400	PCI/G	.16		0.0000	N	0.53	8.5	11.0
SP1087	SP108700DH	BH	REAL	09-NOV-87	URANIUM-233,-234	1.4000	PCI/G	.2		0.0000	N	0.53	0.0	1.8
SP1087	SP108702DH	BH	REAL	09-NOV-87	URANIUM-233,-234	3.7000	PCI/G	.4		0.0000	N	0.53	2.0	3.9

Appendix II.Z-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SP1087	SP108704BR	BH	REAL	09-NOV-87	URANIUM-233,-234	1.6000	PCI/G	.2		0.0000	N	0.53	4.0	5.0
SP1087	SP108705DH	BH	REAL	09-NOV-87	URANIUM-233,-234	1.0000	PCI/G	.2		0.0000	N	0.53	5.0	7.0
SP1087	SP108707DH	BH	REAL	09-NOV-87	URANIUM-233,-234	0.6600	PCI/G	.13		0.0000	N	0.53	7.0	9.0
SP1087	SP108709DH	BH	REAL	09-NOV-87	URANIUM-233,-234	1.0000	PCI/G	.2		0.0000	N	0.53	9.0	11.0
SP1087	SP108715DH	BH	REAL	09-NOV-87	URANIUM-233,-234	0.6300	PCI/G	.15		0.0000	N	0.53	15.0	16.9
SP1087	SP108717DH	BH	REAL	10-NOV-87	URANIUM-233,-234	1.0000	PCI/G	.2		0.0000	N	0.53	17.0	19.0
SP1087	SP108719DH	BH	REAL	10-NOV-87	URANIUM-233,-234	1.4000	PCI/G	.2		0.0000	N	0.53	19.0	21.0
SP1087	SP108721WT	BH	REAL	10-NOV-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	21.0	23.0
SP1087	SP108723DH	BH	REAL	11-NOV-87	URANIUM-233,-234	1.2000	PCI/G	.2		0.0000	N	0.53	22.7	23.7
SP1187	SP11870008	BH	REAL	04-NOV-87	URANIUM-233,-234	0.7700	PCI/G	.21		0.0000	N	0.53	0.0	8.8
SP1187	SP118708DH	BH	REAL	03-NOV-87	URANIUM-233,-234	1.2000	PCI/G	.2		0.0000	N	0.53	8.8	11.3
SP1187	SP118711DH	BH	REAL	04-NOV-87	URANIUM-233,-234	1.1000	PCI/G	.3		0.0000	N	0.53	11.5	14.0
SP1187	SP118714DH	BH	REAL	04-NOV-87	URANIUM-233,-234	0.8400	PCI/G	.2		0.0000	N	0.53	14.0	15.1
SP1187	SP118716DH	BH	REAL	04-NOV-87	URANIUM-233,-234	1.7000	PCI/G	.2		0.0000	N	0.53	16.5	17.8
SP1187	SP118719DH	BH	REAL	04-NOV-87	URANIUM-233,-234	1.3000	PCI/G	.2		0.0000	N	0.53	19.0	21.5
SP1187	SP118721DH	BH	REAL	04-NOV-87	URANIUM-233,-234	0.8700	PCI/G	.23		0.0000	N	0.53	21.5	24.0
SP1187	SP118724DH	BH	REAL	04-NOV-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	24.0	26.5
SP1187	SP118726DH	BH	REAL	04-NOV-87	URANIUM-233,-234	1.2000	PCI/G	.2		0.0000	N	0.53	26.5	29.0
SP1187	SP118729DH	BH	REAL	05-NOV-87	URANIUM-233,-234	0.8400	PCI/G	.16		0.0000	N	0.53	29.0	31.5
SP1287	SP12870009	BH	REAL	10-NOV-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	0.0	9.0
SP1287	SP12870916	BH	REAL	10-NOV-87	URANIUM-233,-234	1.2000	PCI/G	.2		0.0000	N	0.53	9.0	16.5
SP1287	SP128716DH	BH	REAL	09-NOV-87	URANIUM-233,-234	0.8600	PCI/G	.16		0.0000	N	0.53	16.5	19.0
SP1287	SP128721DH	BH	REAL	10-NOV-87	URANIUM-233,-234	0.8500	PCI/G	.16		0.0000	N	0.53	21.5	24.0
SP1287	SP128726DH	BH	REAL	10-NOV-87	URANIUM-233,-234	0.8300	PCI/G	.16		0.0000	N	0.53	26.5	29.0
SP1287	SP128729DH	BH	REAL	10-NOV-87	URANIUM-233,-234	1.7000	PCI/G	.2		0.0000	N	0.53	29.0	31.5
SP1287	SP128731DH	BH	REAL	11-NOV-87	URANIUM-233,-234	1.6000	PCI/G	.2		0.0000	N	0.53	31.5	32.2
SP1287	SP128734DH	BH	REAL	11-NOV-87	URANIUM-233,-234	1.5000	PCI/G	.2		0.0000	N	0.53	34.0	34.5
SP1287	SP128739DH	BH	REAL	11-NOV-87	URANIUM-233,-234	1.7000	PCI/G	.3		0.0000	N	0.53	39.0	41.5
SP1287	SP128741DH	BH	REAL	11-NOV-87	URANIUM-233,-234	1.2000	PCI/G	.2		0.0000	N	0.53	41.5	44.0
SP1387	SP138700UC	BH	REAL	06-NOV-87	URANIUM-233,-234	0.7700	PCI/G	.18		0.0000	N	0.53	0.0	1.5
SP1387	SP138701CT	BH	REAL	06-NOV-87	URANIUM-233,-234	0.6600	PCI/G	.18		0.0000	N	0.53	1.5	3.5
SP1387	SP138703BR	BH	REAL	06-NOV-87	URANIUM-233,-234	1.3000	PCI/G	.2		0.0000	N	0.53	3.5	6.5
SP1387	SP138706DH	BH	REAL	06-NOV-87	URANIUM-233,-234	1.3000	PCI/G	.2		0.0000	N	0.53	6.5	9.0
SP1387	SP138709DH	BH	REAL	06-NOV-87	URANIUM-233,-234	1.2000	PCI/G	.2		0.0000	N	0.53	9.0	11.5
SP1387	SP138711DH	BH	REAL	06-NOV-87	URANIUM-233,-234	1.7000	PCI/G	.2		0.0000	N	0.53	11.5	14.0
SP1487	SP148702CT	BH	REAL	11-NOV-87	URANIUM-233,-234	0.9300	PCI/G	.17		0.0000	N	0.53	2.0	4.0
SP1487	SP148704BR	BH	REAL	12-NOV-87	URANIUM-233,-234	0.6700	PCI/G	.14		0.0000	N	0.53	4.0	7.0
SP1587	SP158708DH	BH	REAL	12-NOV-87	URANIUM-233,-234	0.6400	PCI/G	.14		0.0000	N	0.53	8.0	10.0
SP1587	SP158710DH	BH	REAL	12-NOV-87	URANIUM-233,-234	0.8200	PCI/G	.17		0.0000	N	0.53	10.0	12.0
SP1587	SP158712WT	BH	REAL	13-NOV-87	URANIUM-233,-234	1.2000	PCI/G	.2		0.0000	N	0.53	12.0	14.5
SP1587	SP158714CT	BH	REAL	13-NOV-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	14.5	17.0
SP1587	SP158717BR	BH	REAL	13-NOV-87	URANIUM-233,-234	1.1000	PCI/G	.2		0.0000	N	0.53	17.0	19.5
SP1687	SP168710CT	BH	REAL	07-JAN-88	URANIUM-233,-234	0.6200	PCI/G	.13		0.0000	N	0.53	10.0	11.2
SP1687	SP168711BR	BH	REAL	07-JAN-88	URANIUM-233,-234	0.5500	PCI/G	.13		0.0000	N	0.53	11.2	13.4
P207689	SEP04890612	BH	REAL	05-MAY-89	URANIUM-235	0.2000	PCI/G	.1		0.1000		0.1	6.2	12.6
P208989	SEP1789BR0915	BH	REAL	12-MAY-89	URANIUM-235	0.2000	PCI/G	.1		0.1000		0.1	8.6	14.6
P209089	SEP1889BR1218	BH	REAL	17-MAY-89	URANIUM-235	0.2000	PCI/G	.2		0.1000		0.1	11.5	17.5
P209389	SEP2189BR1420	BH	REAL	07-JUN-89	URANIUM-235	0.2000	PCI/G	.1		0.1000		0.1	14.2	20.2
P210189	SEP3089BR0309	BH	REAL	19-MAY-89	URANIUM-235	0.3000	PCI/G	.1		0.1000		0.1	3.0	9.0
P218389	P2183890003	BH	REAL	08-NOV-89	URANIUM-235	0.1100	PCI/G	.11		0.0000		0.1	0.0	2.9
P219189	P2191891116	BH	REAL	30-NOV-89	URANIUM-235	0.1500	PCI/L	.17		0.0000	A	0.1	11.0	14.4
P219189	P2191891116	BH	REAL	30-NOV-89	URANIUM-235	0.1500	PCI/G	.17		0.0000		0.1	11.0	14.4
3787	BH378705WS	BH	REAL	16-JUL-87	URANIUM-238	0.6600	PCI/G	.14		0.0000	N	0.63	5.0	5.0
3787	BH378725BR	BH	REAL	17-JUL-87	URANIUM-238	1.6000	PCI/G	.4		0.0000	N	0.63	25.0	26.2
3887	BH388720BR	BH	REAL	14-JUL-87	URANIUM-238	0.8100	PCI/G	.16		0.0000	N	0.63	20.4	21.3
3987	BH398704DH	BH	REAL	12-AUG-87	URANIUM-238	0.6800	PCI/G	.16		0.0000	N	0.63	4.0	5.5

Appendix II.2-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
3987	BH398714CT	BH	REAL	12-AUG-87	URANIUM-238	1.8000	PCI/G	.2		0.0000	N	0.63	14.5	17.0
40191	BH00006EB	BH	REAL	18-SEP-91	URANIUM-238	1.2900	PCI/G	.39		0.0240	V	0.63	12.0	16.0
40191	BH00004EB	BH	REAL	18-SEP-91	URANIUM-238	0.9200	PCI/G	.26		0.0180	V	0.63	6.0	12.0
40291	BH00013EB	BH	REAL	19-SEP-91	URANIUM-238	0.6800	PCI/G	.21		0.0170	V	0.63	0.0	6.0
40291	BH00016EB	BH	REAL	19-SEP-91	URANIUM-238	0.8200	PCI/G	.23		0.0160	V	0.63	6.0	12.0
5687	BH568702DH	BH	REAL	10-SEP-87	URANIUM-238	0.7800	PCI/G	.22		0.0000	N	0.63	2.0	3.5
5687	BH568717WT	BH	REAL	11-SEP-87	URANIUM-238	3.9000	PCI/G	.3		0.0000	N	0.63	17.0	18.9
5687	BH568720CT	BH	REAL	11-SEP-87	URANIUM-238	0.6800	PCI/G	.14		0.0000	N	0.63	19.5	22.0
5687	BH568722BR	BH	REAL	11-SEP-87	URANIUM-238	1.2000	PCI/G	.2		0.0000	N	0.63	22.0	24.3
P207589	SEP0389BR0915	BH	REAL	18-MAY-89	URANIUM-238	1.9000	PCI/G	.3		0.1000		0.63	9.4	15.4
P207589	SEP0389BR1521	BH	REAL	18-MAY-89	URANIUM-238	1.1000	PCI/G	.3		0.2000		0.63	15.4	21.4
P207689	SEP04891215	BH	REAL	05-MAY-89	URANIUM-238	1.1000	PCI/G	.2		0.1000		0.63	12.6	15.3
P207789	SEP0589BR0006	BH	REAL	05-MAY-89	URANIUM-238	0.8000	PCI/G	.2		0.1000		0.63	0.0	5.8
P207789	SEP0589BR0613	BH	REAL	05-MAY-89	URANIUM-238	0.7000	PCI/G	.2		0.1000		0.63	6.3	12.9
P207789	SEP0589BR1318	BH	REAL	05-MAY-89	URANIUM-238	1.3000	PCI/G	.2		0.1000		0.63	12.9	18.3
P207789	SEP0589BR1824	BH	REAL	05-MAY-89	URANIUM-238	1.2000	PCI/G	.3		0.1000		0.63	18.3	24.3
P207889	SEP06890306	BH	REAL	01-MAY-89	URANIUM-238	0.7000	PCI/G	.2		0.1000		0.63	2.9	5.5
P207989	SEP0789BR0306	BH	REAL	02-MAY-89	URANIUM-238	1.0000	PCI/G	.3		0.1000		0.63	2.6	6.0
P207989	SEP0789BR0612	BH	REAL	02-MAY-89	URANIUM-238	1.7000	PCI/G	.4		0.1000		0.63	6.0	12.2
P207989	SEP0789BR1218	BH	REAL	02-MAY-89	URANIUM-238	1.2000	PCI/G	.3		0.1000		0.63	12.2	18.2
P208889	SEP1689BR0004	BH	REAL	09-MAY-89	URANIUM-238	1.1000	PCI/G	.2		0.1000		0.63	0.0	3.5
P208889	SEP1689BR0410	BH	REAL	09-MAY-89	URANIUM-238	1.1000	PCI/G	.2		0.1000		0.63	3.5	9.5
P208889	SEP1689BR1016	BH	REAL	09-MAY-89	URANIUM-238	1.0000	PCI/G	.2		0.1000		0.63	9.5	15.3
P208989	SEP1789BR0003	BH	REAL	12-MAY-89	URANIUM-238	0.7000	PCI/G	.2		0.1000		0.63	0.0	0.3
P208989	SEP1789BR0309	BH	REAL	12-MAY-89	URANIUM-238	1.2000	PCI/G	.3		0.1000		0.63	3.0	8.6
P208989	SEP1789BR0915	BH	REAL	12-MAY-89	URANIUM-238	1.3000	PCI/G	.3		0.1000		0.63	8.6	14.6
P209089	SEP1889BR1218	BH	REAL	17-MAY-89	URANIUM-238	1.3000	PCI/G	.5		0.1000		0.63	11.5	17.5
P209089	SEP1889BR1824	BH	REAL	17-MAY-89	URANIUM-238	1.1000	PCI/G	.3		0.2000		0.63	17.5	23.5
P209189	SEP1989BR0003	BH	REAL	25-MAY-89	URANIUM-238	1.0000	PCI/G	.2		0.1000		0.63	0.0	3.0
P209189	SEP1989BR1622	BH	REAL	25-MAY-89	URANIUM-238	0.9000	PCI/G	.3		0.1000		0.63	16.3	22.3
P209289	SEP20890912	BH	REAL	08-JUN-89	URANIUM-238	0.8000	PCI/G	.2		0.1000		0.63	9.2	12.2
P209389	SEP2189BR0003	BH	REAL	07-JUN-89	URANIUM-238	0.7000	PCI/G	.1		0.1000		0.63	0.0	3.0
P209389	SEP2189BR1420	BH	REAL	07-JUN-89	URANIUM-238	1.3000	PCI/G	.1		0.1000		0.63	14.2	20.2
P209489	SEP2289BR0912	BH	REAL	16-MAY-89	URANIUM-238	0.8000	PCI/G	.2		0.1000		0.63	8.9	12.0
P209489	SEP2289BR1621	BH	REAL	16-MAY-89	URANIUM-238	0.7000	PCI/G	.2		0.1000		0.63	16.0	21.0
P209589	SEP2389BR0004	BH	REAL	10-MAY-89	URANIUM-238	0.9000	PCI/G	.2		0.1000		0.63	0.0	4.1
P209589	SEP2389BR0410	BH	REAL	10-MAY-89	URANIUM-238	1.3000	PCI/G	.3		0.1000		0.63	4.1	10.0
P209589	SEP2389BR1015	BH	REAL	10-MAY-89	URANIUM-238	0.7000	PCI/G	.2		0.1000		0.63	10.0	14.5
P209689	SEP2489BR1824	BH	REAL	03-MAY-89	URANIUM-238	0.8000	PCI/G	.2		0.1000		0.63	18.2	24.2
P209789	SEP25891216	BH	REAL	04-MAY-89	URANIUM-238	0.9000	PCI/G	.2		0.0000		0.63	12.0	15.2
P209889	SEP2689BR0410	BH	REAL	11-MAY-89	URANIUM-238	1.3000	PCI/G	.3		0.1000		0.63	3.9	9.9
P209889	SEP2689BR1016	BH	REAL	11-MAY-89	URANIUM-238	1.7000	PCI/G	.3		0.1000		0.63	9.9	15.9
P210189	SEP3089BR0003	BH	REAL	19-MAY-89	URANIUM-238	1.1000	PCI/G	.2		0.1000		0.63	0.0	3.0
P210189	SEP3089BR0309	BH	REAL	19-MAY-89	URANIUM-238	1.4000	PCI/G	.3		0.1000		0.63	3.0	9.0
P210189	SEP3089BR1521	BH	REAL	19-MAY-89	URANIUM-238	1.4000	PCI/G	.3		0.1000		0.63	14.6	20.6
P210189	SEP3089BR2127	BH	REAL	19-MAY-89	URANIUM-238	1.3000	PCI/G	.3		0.1000		0.63	20.6	26.6
P210289	SEP3189BR0003	BH	REAL	15-MAY-89	URANIUM-238	1.2000	PCI/G	.2		0.1000		0.63	0.0	3.0
P210289	SEP3189BR0306	BH	REAL	15-MAY-89	URANIUM-238	0.8000	PCI/G	.2		0.1000		0.63	3.0	5.2
P210289	SEP3189BR0713	BH	REAL	15-MAY-89	URANIUM-238	1.1000	PCI/G	.2		0.1000		0.63	6.6	13.0
P210289	SEP3189BR1319	BH	REAL	15-MAY-89	URANIUM-238	1.9000	PCI/G	.3		0.1000		0.63	13.0	19.0
P218389	P2183891216	BH	REAL	08-NOV-89	URANIUM-238	0.8300	PCI/G	.34		0.0000		0.63	12.0	16.0
P219189	P2191890003	BH	REAL	30-NOV-89	URANIUM-238	0.9000	PCI/L	.38		0.0000	A	0.63	0.0	3.0
P219189	P2191890003	BH	REAL	30-NOV-89	URANIUM-238	0.9000	PCI/G	.38		0.0000		0.63	0.0	3.0
P219189	P2191890711	BH	REAL	30-NOV-89	URANIUM-238	1.0300	PCI/L	.34		0.0500	A	0.63	7.0	11.0
P219189	P2191890711	BH	REAL	30-NOV-89	URANIUM-238	1.0300	PCI/G	.34		0.0500		0.63	7.0	11.0
P219189	P2191891116	BH	REAL	30-NOV-89	URANIUM-238	1.5500	PCI/L	.61		0.0700	A	0.63	11.0	14.4
P219189	P2191891116	BH	REAL	30-NOV-89	URANIUM-238	1.5500	PCI/G	.61		0.0700		0.63	11.0	14.4
P219489	P2194891822	BH	REAL	05-DEC-89	URANIUM-238	0.6800	PCI/G	.3		0.1000		0.63	18.0	22.0

Appendix II.2-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P219489	P2194892226	BH	REAL	06-DEC-89	URANIUM-238	0.6600	PCI/G	.24		0.0000		0.63	22.0	26.0
P219589	P2195890003	BH	REAL	07-DEC-89	URANIUM-238	0.7200	PCI/L	.24		0.0300	A	0.63	0.0	3.0
P219589	P2195890003	BH	REAL	07-DEC-89	URANIUM-238	0.7200	PCI/G	.24		0.0300		0.63	0.0	3.0
P219589	P2195890307	BH	REAL	07-DEC-89	URANIUM-238	0.7500	PCI/L	.27		0.0000	A	0.63	3.0	7.3
P219589	P2195890307	BH	REAL	07-DEC-89	URANIUM-238	0.7500	PCI/G	.27		0.0000		0.63	3.0	7.3
SP0187	SP018704DH	BH	REAL	27-OCT-87	URANIUM-238	2.1000	PCI/G	.5		0.0000	N	0.63	4.0	5.0
SP0187	SP018705DH	BH	REAL	27-OCT-87	URANIUM-238	2.8000	PCI/G	.5		0.0000	N	0.63	5.0	6.3
SP0187	SP018721DH	BH	REAL	28-OCT-87	URANIUM-238	0.7100	PCI/G	.15		0.0000	N	0.63	20.2	22.3
SP0187	SP018723DH	BH	REAL	28-OCT-87	URANIUM-238	0.7800	PCI/G	.16		0.0000	N	0.63	22.7	24.1
SP0287	SP02870008	BH	REAL	29-OCT-87	URANIUM-238	1.2000	PCI/G	.2		0.0000	N	0.63	0.0	10.1
SP0387	SP038702DH	BH	REAL	21-OCT-87	URANIUM-238	1.1000	PCI/G	.2		0.0000	N	0.63	2.0	3.5
SP0387	SP038711DH	BH	REAL	26-OCT-87	URANIUM-238	0.6700	PCI/G	.22		0.0000	N	0.63	10.3	11.6
SP0387	SP038716BR	BH	REAL	26-OCT-87	URANIUM-238	0.7000	PCI/G	.18		0.0000	N	0.63	15.2	16.9
SP0487	SP048702DH	BH	REAL	30-OCT-87	URANIUM-238	0.9300	PCI/G	.16		0.0000	N	0.63	2.0	3.7
SP0487	SP048704DH	BH	REAL	30-OCT-87	URANIUM-238	0.8600	PCI/G	.15		0.0000	N	0.63	4.0	5.8
SP0487	SP048707DH	BH	REAL	30-OCT-87	URANIUM-238	0.8100	PCI/G	.16		0.0000	N	0.63	7.0	8.7
SP0487	SP048712DH	BH	REAL	03-NOV-87	URANIUM-238	1.0000	PCI/G	.2		0.0000	N	0.63	12.0	14.5
SP0487	SP048717DH	BH	REAL	03-NOV-87	URANIUM-238	1.0000	PCI/G	.2		0.0000	N	0.63	17.0	19.5
SP0487	SP048720DH	BH	REAL	03-NOV-87	URANIUM-238	1.2000	PCI/G	.2		0.0000	N	0.63	19.5	22.0
SP0487	SP048722DH	BH	REAL	03-NOV-87	URANIUM-238	1.3000	PCI/G	.3		0.0000	N	0.63	22.0	24.5
SP0487	SP048725DH	BH	REAL	03-NOV-87	URANIUM-238	1.2000	PCI/G	.2		0.0000	N	0.63	24.5	27.0
SP0487	SP048727DH	BH	REAL	02-NOV-87	URANIUM-238	0.7000	PCI/G	.19		0.0000	N	0.63	27.0	29.5
SP0487	SP048730DH	BH	REAL	02-NOV-87	URANIUM-238	0.9800	PCI/G	.18		0.0000	N	0.63	29.5	32.0
SP0487	SP048732DH	BH	REAL	04-NOV-87	URANIUM-238	0.7100	PCI/G	.13		0.0000	N	0.63	32.0	34.0
SP0587	SP058702DH	BH	REAL	05-NOV-87	URANIUM-238	0.6400	PCI/G	.13		0.0000	N	0.63	2.0	3.3
SP0587	SP058704DH	BH	REAL	05-NOV-87	URANIUM-238	0.6400	PCI/G	.14		0.0000	N	0.63	4.0	5.6
SP0587	SP058710DH	BH	REAL	05-NOV-87	URANIUM-238	1.4000	PCI/G	.2		0.0000	N	0.63	9.5	10.1
SP0587	SP058712DH	BH	REAL	05-NOV-87	URANIUM-238	0.9200	PCI/G	.15		0.0000	N	0.63	12.8	14.4
SP0587	SP058716DH	BH	REAL	05-NOV-87	URANIUM-238	0.9500	PCI/G	.18		0.0000	N	0.63	15.3	17.3
SP0687	SP068711DH	BH	REAL	18-NOV-87	URANIUM-238	0.7200	PCI/G	.16		0.0000	N	0.63	10.5	12.4
SP0687	SP068716DH	BH	REAL	18-NOV-87	URANIUM-238	0.8200	PCI/G	.16		0.0000	N	0.63	15.5	17.7
SP0687	SP068718DH	BH	REAL	18-NOV-87	URANIUM-238	1.7000	PCI/G	.2		0.0000	N	0.63	18.0	20.5
SP0687	SP068721DH	BH	REAL	18-NOV-87	URANIUM-238	1.6000	PCI/G	.2		0.0000	N	0.63	20.5	23.0
SP0687	SP068724DH	BH	REAL	19-NOV-87	URANIUM-238	1.0000	PCI/G	.2		0.0000	N	0.63	23.2	25.7
SP0687	SP068726DH	BH	REAL	19-NOV-87	URANIUM-238	1.3000	PCI/G	.2		0.0000	N	0.63	25.7	28.2
SP0787	SP078700DH	BH	REAL	12-NOV-87	URANIUM-238	0.9100	PCI/G	.26		0.0000	N	0.63	0.0	1.8
SP0787	SP078718WT	BH	REAL	13-NOV-87	URANIUM-238	0.7000	PCI/G	.16		0.0000	N	0.63	18.0	19.3
SP0787	SP078721CT	BH	REAL	13-NOV-87	URANIUM-238	1.6000	PCI/G	.2		0.0000	N	0.63	20.5	23.0
SP0787	SP078723BR	BH	REAL	13-NOV-87	URANIUM-238	1.6000	PCI/G	.2		0.0000	N	0.63	23.0	26.0
SP0787	SP078726DH	BH	REAL	13-NOV-87	URANIUM-238	1.2000	PCI/G	.2		0.0000	N	0.63	26.0	28.5
SP0887	SP088703UC	BH	REAL	29-OCT-87	URANIUM-238	1.0000	PCI/G	.2		0.0000	N	0.63	3.5	6.5
SP0887	SP088706CT	BH	REAL	29-OCT-87	URANIUM-238	0.6500	PCI/G	.13		0.0000	N	0.63	6.9	8.5
SP0887	SP088709BR	BH	REAL	29-OCT-87	URANIUM-238	0.7900	PCI/G	.17		0.0000	N	0.63	9.0	11.5
SP0987	SP098706CT	BH	REAL	02-NOV-87	URANIUM-238	1.1000	PCI/G	.2		0.0000	N	0.63	6.0	8.5
SP0987	SP098708BR	BH	REAL	02-NOV-87	URANIUM-238	0.9100	PCI/G	.16		0.0000	N	0.63	8.5	11.0
SP1087	SP108700DH	BH	REAL	09-NOV-87	URANIUM-238	0.6700	PCI/G	.16		0.0000	N	0.63	0.0	1.8
SP1087	SP108702DH	BH	REAL	09-NOV-87	URANIUM-238	0.8800	PCI/G	.18		0.0000	N	0.63	2.0	3.9
SP1087	SP108704BR	BH	REAL	09-NOV-87	URANIUM-238	0.6800	PCI/G	.14		0.0000	N	0.63	4.0	5.0
SP1087	SP108705DH	BH	REAL	09-NOV-87	URANIUM-238	0.6800	PCI/G	.14		0.0000	N	0.63	5.0	7.0
SP1087	SP108709DH	BH	REAL	09-NOV-87	URANIUM-238	0.9700	PCI/G	.19		0.0000	N	0.63	9.0	11.0
SP1087	SP108711DH	BH	REAL	09-NOV-87	URANIUM-238	0.6400	PCI/G	.14		0.0000	N	0.63	11.0	13.0
SP1087	SP108713DH	BH	REAL	09-NOV-87	URANIUM-238	0.7300	PCI/G	.18		0.0000	N	0.63	13.0	14.9
SP1087	SP108715DH	BH	REAL	09-NOV-87	URANIUM-238	0.7000	PCI/G	.16		0.0000	N	0.63	15.0	16.9
SP1087	SP108717DH	BH	REAL	10-NOV-87	URANIUM-238	0.9600	PCI/G	.17		0.0000	N	0.63	17.0	19.0
SP1087	SP108719DH	BH	REAL	10-NOV-87	URANIUM-238	1.4000	PCI/G	.2		0.0000	N	0.63	19.0	21.0
SP1087	SP108721WT	BH	REAL	10-NOV-87	URANIUM-238	0.9900	PCI/G	.19		0.0000	N	0.63	21.0	23.0
SP1087	SP108723DH	BH	REAL	11-NOV-87	URANIUM-238	1.1000	PCI/G	.2		0.0000	N	0.63	22.7	23.7
SP1187	SP11870008	BH	REAL	04-NOV-87	URANIUM-238	0.8300	PCI/G	.21		0.0000	N	0.63	0.0	8.8

Appendix II.Z-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SP1187	SP118708DH	BH	REAL	03-NOV-87	URANIUM-238	1.2000	PCI/G	.2		0.0000	N	0.63	8.8	11.3
SP1187	SP118711DH	BH	REAL	04-NOV-87	URANIUM-238	1.3000	PCI/G	.3		0.0000	N	0.63	11.5	14.0
SP1187	SP118714DH	BH	REAL	04-NOV-87	URANIUM-238	0.8300	PCI/G	.19		0.0000	N	0.63	14.0	15.1
SP1187	SP118716DH	BH	REAL	04-NOV-87	URANIUM-238	1.7000	PCI/G	.2		0.0000	N	0.63	16.5	17.8
SP1187	SP118719DH	BH	REAL	04-NOV-87	URANIUM-238	1.4000	PCI/G	.2		0.0000	N	0.63	19.0	21.5
SP1187	SP118721DH	BH	REAL	04-NOV-87	URANIUM-238	0.8600	PCI/G	.22		0.0000	N	0.63	21.5	24.0
SP1187	SP118724DH	BH	REAL	04-NOV-87	URANIUM-238	0.9100	PCI/G	.19		0.0000	N	0.63	24.0	26.5
SP1187	SP118726DH	BH	REAL	04-NOV-87	URANIUM-238	1.1000	PCI/G	.2		0.0000	N	0.63	26.5	29.0
SP1187	SP118729DH	BH	REAL	05-NOV-87	URANIUM-238	0.9100	PCI/G	.17		0.0000	N	0.63	29.0	31.5
SP1287	SP12870009	BH	REAL	10-NOV-87	URANIUM-238	1.1000	PCI/G	.2		0.0000	N	0.63	0.0	9.0
SP1287	SP12870916	BH	REAL	10-NOV-87	URANIUM-238	1.1000	PCI/G	.2		0.0000	N	0.63	9.0	16.5
SP1287	SP128716DH	BH	REAL	09-NOV-87	URANIUM-238	0.7700	PCI/G	.15		0.0000	N	0.63	16.5	19.0
SP1287	SP128719DH	BH	REAL	09-NOV-87	URANIUM-238	0.7600	PCI/G	.15		0.0000	N	0.63	19.0	21.5
SP1287	SP128721DH	BH	REAL	10-NOV-87	URANIUM-238	0.8400	PCI/G	.16		0.0000	N	0.63	21.5	24.0
SP1287	SP128726DH	BH	REAL	10-NOV-87	URANIUM-238	0.8600	PCI/G	.16		0.0000	N	0.63	26.5	29.0
SP1287	SP128729DH	BH	REAL	10-NOV-87	URANIUM-238	1.5000	PCI/G	.2		0.0000	N	0.63	29.0	31.5
SP1287	SP128731DH	BH	REAL	11-NOV-87	URANIUM-238	1.4000	PCI/G	.2		0.0000	N	0.63	31.5	32.2
SP1287	SP128734DH	BH	REAL	11-NOV-87	URANIUM-238	1.3000	PCI/G	.2		0.0000	N	0.63	34.0	34.5
SP1287	SP128739DH	BH	REAL	11-NOV-87	URANIUM-238	1.6000	PCI/G	.2		0.0000	N	0.63	39.0	41.5
SP1287	SP128741DH	BH	REAL	11-NOV-87	URANIUM-238	1.1000	PCI/G	.2		0.0000	N	0.63	41.5	44.0
SP1387	SP138700UC	BH	REAL	06-NOV-87	URANIUM-238	0.9300	PCI/G	.19		0.0000	N	0.63	0.0	1.5
SP1387	SP138701CT	BH	REAL	06-NOV-87	URANIUM-238	1.1000	PCI/G	.2		0.0000	N	0.63	1.5	3.5
SP1387	SP138703BR	BH	REAL	06-NOV-87	URANIUM-238	1.5000	PCI/G	.2		0.0000	N	0.63	3.5	6.5
SP1387	SP138706DH	BH	REAL	06-NOV-87	URANIUM-238	1.2000	PCI/G	.2		0.0000	N	0.63	6.5	9.0
SP1387	SP138709DH	BH	REAL	06-NOV-87	URANIUM-238	1.3000	PCI/G	.2		0.0000	N	0.63	9.0	11.5
SP1387	SP138711DH	BH	REAL	06-NOV-87	URANIUM-238	1.5000	PCI/G	.2		0.0000	N	0.63	11.5	14.0
SP1487	SP148702CT	BH	REAL	11-NOV-87	URANIUM-238	1.1000	PCI/G	.2		0.0000	N	0.63	2.0	4.0
SP1487	SP148704BR	BH	REAL	12-NOV-87	URANIUM-238	0.6400	PCI/G	.14		0.0000	N	0.63	4.0	7.0
SP1587	SP158712WT	BH	REAL	13-NOV-87	URANIUM-238	1.3000	PCI/G	.2		0.0000	N	0.63	12.0	14.5
SP1587	SP158714CT	BH	REAL	13-NOV-87	URANIUM-238	1.1000	PCI/G	.2		0.0000	N	0.63	14.5	17.0
SP1587	SP158717BR	BH	REAL	13-NOV-87	URANIUM-238	1.2000	PCI/G	.2		0.0000	N	0.63	17.0	19.5
SP1687	SP168708UC	BH	REAL	07-JAN-88	URANIUM-238	0.6500	PCI/G	.14		0.0000	N	0.63	6.0	8.0

Appendix II.Z-1
Phase I Data - Surface Soil - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41693	SS40410AE	SS	REAL	12-FEB-93	BERYLLIUM	1.5000	MG/KG			1.0000	V	0.92	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	BERYLLIUM	2.1000	MG/KG			1.0000	V	0.92	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	BERYLLIUM	3.6000	MG/KG			1.0000	V	0.92	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	BERYLLIUM	2.3000	MG/KG			1.0000	V	0.92	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	BERYLLIUM	3.3000	MG/KG			5.0000	V	0.92	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	BERYLLIUM	4.6000	MG/KG			5.0000	V	0.92	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	BERYLLIUM	2.2000	MG/KG			5.0000	V	0.92	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	BERYLLIUM	1.8000	MG/KG			5.0000	V	0.92	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BERYLLIUM	9.6000	MG/KG			5.0000	V	0.92	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	BERYLLIUM	1.8000	MG/KG			5.0000	V	0.92	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BERYLLIUM	2.5000	MG/KG			5.0000	V	0.92	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	CADMIUM	3.1000	MG/KG			1.2000	JA	0.64	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	CADMIUM	3.2000	MG/KG			5.0000	V	0.64	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	CADMIUM	8.0000	MG/KG			2.0000	V	0.64	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	CADMIUM	4.3000	MG/KG			5.0000	V	0.64	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	CADMIUM	14.3000	MG/KG		N	1.0000	JA	0.64	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	CADMIUM	30.1000	MG/KG			1.0000	V	0.64	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	CADMIUM	6.3000	MG/KG			1.0000	V	0.64	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	CADMIUM	1.8000	MG/KG		N	1.0000	JA	0.64	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	CADMIUM	1.5000	MG/KG		N	1.0000	JA	0.64	0.000	0.167
42293	SS40078AE	SS	REAL	15-APR-93	CADMIUM	1.9000	MG/KG			5.0000	V	0.64	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	CADMIUM	1.7000	MG/KG			1.0000	V	0.64	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	CADMIUM	5.6000	MG/KG			1.0000	V	0.64	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	CADMIUM	3.5000	MG/KG			1.0000	V	0.64	0.000	0.167
43493	SS40086AE	SS	REAL	21-APR-93	CADMIUM	3.7000	MG/KG			5.0000	V	0.64	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	CADMIUM	42.2000	MG/KG		N	1.0000	JA	0.64	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	CADMIUM	58.3000	MG/KG			1.0000	V	0.64	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	CADMIUM	1.9000	MG/KG			1.0000	V	0.64	0.000	0.167
44893	SS40070AE	SS	REAL	14-JAN-93	CADMIUM	1.6000	MG/KG		N	1.0000	JA	0.64	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	CADMIUM	1.9000	MG/KG			5.0000	V	0.64	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	CADMIUM	6.4000	MG/KG			5.0000	V	0.64	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	CADMIUM	12.5000	MG/KG			1.4000	V	0.64	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	CADMIUM	23.9000	MG/KG			5.0000	V	0.64	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	CADMIUM	133.0000	MG/KG			5.0000	V	0.64	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	CADMIUM	17.3000	MG/KG			5.0000	V	0.64	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	CADMIUM	2.5000	MG/KG			1.1000	JA	0.64	0.000	0.167
SS401393	SS40029AE	SS	REAL	29-DEC-92	CADMIUM	2.1000	MG/KG			1.4000	JA	0.64	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	CADMIUM	1.5000	MG/KG			1.3000	JA	0.64	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	CADMIUM	6.1000	MG/KG		N	1.0000	JA	0.64	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	CADMIUM	2.3000	MG/KG			1.2000	JA	0.64	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	CADMIUM	1.7000	MG/KG		N	1.0000	JA	0.64	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	CADMIUM	356.0000	MG/KG			5.0000	V	0.64	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	CADMIUM	194.0000	MG/KG			5.0000	V	0.64	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	CADMIUM	14.6000	MG/KG			5.0000	V	0.64	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	CADMIUM	382.0000	MG/KG			5.0000	V	0.64	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	CADMIUM	1.9000	MG/KG			5.0000	JA	0.64	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	CADMIUM	2.5000	MG/KG			5.0000	JA	0.64	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	CADMIUM	1.3000	MG/KG			5.0000	JA	0.64	0.000	0.167
40393	SS40053AE	SS	REAL	28-JAN-93	CALCIUM	9760.0000	MG/KG			1295.0000	V	8282.95	0.000	0.167
40593	SS40054AE	SS	REAL	22-JAN-93	CALCIUM	10400.0000	MG/KG			2670.0000	V	8282.95	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	CALCIUM	39400.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	CALCIUM	20400.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	CALCIUM	29700.0000	MG/KG			2415.5000	V	8282.95	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	CALCIUM	13000.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	CALCIUM	44100.0000	MG/KG			1802.0000	V	8282.95	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41293	SS40071AE	SS	REAL	23-FEB-93	CALCIUM	22800.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	CALCIUM	11300.0000	MG/KG		E	1337.0000	JA	8282.95	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	CALCIUM	30000.0000	MG/KG			1138.0000	V	8282.95	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	CALCIUM	10500.0000	MG/KG			2436.0000	V	8282.95	0.000	0.167
42293	SS40078AE	SS	REAL	15-APR-93	CALCIUM	56500.0000	MG/KG		•	1000.0000	JA	8282.95	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	CALCIUM	39500.0000	MG/KG			1101.0000	V	8282.95	0.000	0.167
43493	SS40086AE	SS	REAL	21-APR-93	CALCIUM	79400.0000	MG/KG		•	1000.0000	JA	8282.95	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	CALCIUM	13500.0000	MG/KG		E	1167.0000	JA	8282.95	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	CALCIUM	69600.0000	MG/KG			1182.0000	V	8282.95	0.000	0.167
43993	SS40091AE	SS	REAL	04-FEB-93	CALCIUM	15100.0000	MG/KG			1130.0000	V	8282.95	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	CALCIUM	72500.0000	MG/KG			1192.0000	V	8282.95	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	CALCIUM	29800.0000	MG/KG			2294.0000	V	8282.95	0.000	0.167
44593	SS40001AE	SS	REAL	11-DEC-92	CALCIUM	21100.0000	MG/KG			2199.5000	V	8282.95	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	CALCIUM	17000.0000	MG/KG			1404.0000	V	8282.95	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	CALCIUM	40700.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	CALCIUM	16000.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	CALCIUM	32100.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
SS400193	SS40017AE	SS	REAL	29-DEC-92	CALCIUM	25700.0000	MG/KG			2269.9000	V	8282.95	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	CALCIUM	11600.0000	MG/KG			2848.6000	V	8282.95	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	CALCIUM	19300.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	CALCIUM	9250.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	CALCIUM	68400.0000	MG/KG			2325.3000	V	8282.95	0.000	0.167
SS401293	SS40028AE	SS	REAL	29-DEC-92	CALCIUM	10800.0000	MG/KG			2240.1000	V	8282.95	0.000	0.167
SS401393	SS40029AE	SS	REAL	29-DEC-92	CALCIUM	24200.0000	MG/KG			2890.6000	V	8282.95	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	CALCIUM	24300.0000	MG/KG			2587.3000	V	8282.95	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	CALCIUM	40100.0000	MG/KG			2314.8000	V	8282.95	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	CALCIUM	15100.0000	MG/KG		•	1284.0000	JA	8282.95	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	CALCIUM	63200.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	CALCIUM	248000.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	CALCIUM	18100.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	CALCIUM	55500.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	CALCIUM	31500.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
40093	SS40060AE	SS	REAL	13-JAN-93	MERCURY	0.2100	MG/KG			0.1000	V	0.03	0.000	0.167
40293	SS40042AE	SS	REAL	20-JAN-93	MERCURY	0.2100	MG/KG			0.3000	JA	0.03	0.000	0.167
40593	SS40054AE	SS	REAL	22-JAN-93	MERCURY	0.2000	MG/KG			0.3000	JA	0.03	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	MERCURY	0.3500	MG/KG			0.2000	JA	0.03	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	MERCURY	0.1800	MG/KG			0.0500	V	0.03	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	MERCURY	0.1200	MG/KG			0.0400	V	0.03	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	MERCURY	0.1300	MG/KG			0.2000	JA	0.03	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	MERCURY	0.1400	MG/KG			0.2000	JA	0.03	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	MERCURY	0.3300	MG/KG			0.0400	V	0.03	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	MERCURY	0.4800	MG/KG			0.0500	V	0.03	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	MERCURY	0.4000	MG/KG			0.2000	V	0.03	0.000	0.167
44893	SS40070AE	SS	REAL	14-JAN-93	MERCURY	0.1700	MG/KG			0.1000	V	0.03	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	MERCURY	0.1400	MG/KG		BN	0.3000	JA	0.03	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	MERCURY	0.2000	MG/KG		N	0.2000	JA	0.03	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	MERCURY	0.7800	MG/KG		N	0.2000	JA	0.03	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	MERCURY	0.0700	MG/KG		BN	0.2000	JA	0.03	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	MERCURY	0.0800	MG/KG		BN	0.3000	JA	0.03	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	MERCURY	1.8000	MG/KG		N	0.2000	JA	0.03	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	MERCURY	0.3400	MG/KG		N	0.2000	JA	0.03	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	MERCURY	1.7000	MG/KG		N	0.2000	JA	0.03	0.000	0.167
40093	SS40060AE	SS	REAL	13-JAN-93	SILICON	2340.0000	MG/KG			27.0000	JA	202.7	0.000	0.167
40193	SS40485AE	SS	REAL	05-JAN-93	SILICON	4570.0000	MG/KG			28.0000	JA	202.7	0.000	0.167
40293	SS40042AE	SS	REAL	20-JAN-93	SILICON	1190.0000	MG/KG		N	28.0000	JA	202.7	0.000	0.167
40393	SS40053AE	SS	REAL	28-JAN-93	SILICON	3550.0000	MG/KG			26.0000	JA	202.7	0.000	0.167

Appendix II.2-1
Phase I Data - Surface Soil - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
40593	SS40054AE	SS	REAL	22-JAN-93	SILICON	1240.0000	MG/KG		N	27.0000	JA	202.7	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	SILICON	3880.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	SILICON	3430.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	SILICON	1860.0000	MG/KG			24.2000	JA	202.7	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	SILICON	2890.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	SILICON	4530.0000	MG/KG			36.0000	JA	202.7	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	SILICON	3320.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	SILICON	2020.0000	MG/KG		E	27.0000	JA	202.7	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	SILICON	4300.0000	MG/KG			23.0000	JA	202.7	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	SILICON	1110.0000	MG/KG		N	24.0000	JA	202.7	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	SILICON	1550.0000	MG/KG			24.0000	JA	202.7	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	SILICON	573.0000	MG/KG			21.0000	JA	202.7	0.000	0.167
42293	SS40078AE	SS	REAL	15-APR-93	SILICON	10400.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	SILICON	808.0000	MG/KG		N	21.0000	JA	202.7	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	SILICON	3920.0000	MG/KG			31.0000	JA	202.7	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	SILICON	595.0000	MG/KG		N	23.0000	JA	202.7	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	SILICON	3160.0000	MG/KG			22.0000	JA	202.7	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	SILICON	2600.0000	MG/KG			25.0000	JA	202.7	0.000	0.167
43493	SS40086AE	SS	REAL	21-APR-93	SILICON	8430.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	SILICON	463.0000	MG/KG		N	21.0000	JA	202.7	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	SILICON	1280.0000	MG/KG		E	23.0000	JA	202.7	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	SILICON	2610.0000	MG/KG			24.0000	JA	202.7	0.000	0.167
43993	SS40091AE	SS	REAL	04-FEB-93	SILICON	1970.0000	MG/KG			23.0000	JA	202.7	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	SILICON	4400.0000	MG/KG			24.0000	JA	202.7	0.000	0.167
44193	SS40011AE	SS	REAL	18-DEC-92	SILICON	1370.0000	MG/KG			22.6000	JA	202.7	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	SILICON	738.0000	MG/KG		N	23.0000	JA	202.7	0.000	0.167
44593	SS40001AE	SS	REAL	11-DEC-92	SILICON	1460.0000	MG/KG			22.0000	JA	202.7	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	SILICON	1830.0000	MG/KG			28.0000	JA	202.7	0.000	0.167
44893	SS40070AE	SS	REAL	14-JAN-93	SILICON	1690.0000	MG/KG			29.0000	JA	202.7	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	SILICON	9430.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	SILICON	1280.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	SILICON	4230.0000	MG/KG		•	100.0000	JA	202.7	0.000	0.167
SS400193	SS40017AE	SS	REAL	29-DEC-92	SILICON	1710.0000	MG/KG			22.7000	JA	202.7	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	SILICON	2540.0000	MG/KG			28.5000	JA	202.7	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	SILICON	6420.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	SILICON	1720.0000	MG/KG			22.0000	JA	202.7	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	SILICON	3610.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	SILICON	4200.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	SILICON	1770.0000	MG/KG			23.3000	JA	202.7	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	SILICON	3660.0000	MG/KG			26.0000	JA	202.7	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	SILICON	2440.0000	MG/KG			23.0000	JA	202.7	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	SILICON	1350.0000	MG/KG			22.6000	JA	202.7	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	SILICON	3500.0000	MG/KG			28.0000	JA	202.7	0.000	0.167
SS401293	SS40028AE	SS	REAL	29-DEC-92	SILICON	1210.0000	MG/KG			22.4000	JA	202.7	0.000	0.167
SS401393	SS40029AE	SS	REAL	29-DEC-92	SILICON	2040.0000	MG/KG			28.9000	JA	202.7	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	SILICON	1130.0000	MG/KG			22.1000	JA	202.7	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	SILICON	1680.0000	MG/KG			25.9000	JA	202.7	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	SILICON	1260.0000	MG/KG			21.0000	JA	202.7	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	SILICON	3070.0000	MG/KG			24.0000	JA	202.7	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	SILICON	1600.0000	MG/KG			22.0000	JA	202.7	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	SILICON	1190.0000	MG/KG			23.1000	JA	202.7	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	SILICON	3630.0000	MG/KG			26.0000	JA	202.7	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	SILICON	2360.0000	MG/KG			23.0000	JA	202.7	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	SILICON	866.0000	MG/KG			21.2000	JA	202.7	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	SILICON	2060.0000	MG/KG			23.0000	JA	202.7	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	SILICON	4480.0000	MG/KG			26.0000	JA	202.7	0.000	0.167
SS402593	SS40041AE	SS	REAL	30-DEC-92	SILICON	3730.0000	MG/KG			27.0000	JA	202.7	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	SILICON	1630.0000	MG/KG			23.0000	JA	202.7	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SS402793	SS40043AE	SS	REAL	20-MAY-93	SILICON	4030.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	SILICON	4100.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	SILICON	4910.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	SILICON	11300.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	SILICON	11300.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	SILICON	10100.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	SILICON	6120.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	SILICON	2530.0000	MG/KG		E	100.0000	JA	202.7	0.000	0.167
SS403593	SS40051AE	SS	REAL	17-MAY-93	SILICON	2210.0000	MG/KG		E	100.0000	JA	202.7	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	SILICON	2370.0000	MG/KG		E	100.0000	JA	202.7	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	SILVER	3.6000	MG/KG		N	10.0000	V	0.58	0.000	0.167
44593	SS40001AE	SS	REAL	11-DEC-92	SILVER	2.2000	MG/KG		N	2.2000	JA	0.58	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	SILVER	1.6000	MG/KG		BN	5.0000	JA	0.58	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	SILVER	1.3000	MG/KG		BN	5.0000	JA	0.58	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	SILVER	2.6000	MG/KG		N	5.0000	JA	0.58	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	SODIUM	1150.0000	MG/KG		B	1000.0000	V	165.4	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	SODIUM	841.0000	MG/KG		B	1337.0000	V	165.4	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	SODIUM	378.0000	MG/KG		B	1030.0000	V	165.4	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	SODIUM	381.0000	MG/KG		B	2281.0000	V	165.4	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	SODIUM	639.0000	MG/KG		B	2101.0000	V	165.4	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	SODIUM	1490.0000	MG/KG			1000.0000	V	165.4	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	SODIUM	1300.0000	MG/KG			1000.0000	JA	165.4	0.000	0.167
SS401393	SS40029AE	SS	REAL	29-DEC-92	SODIUM	901.0000	MG/KG		B	2890.6000	V	165.4	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	SODIUM	390.0000	MG/KG		B	1000.0000	V	165.4	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	SODIUM	1620.0000	MG/KG		B	1000.0000	V	165.4	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	SODIUM	2440.0000	MG/KG			1000.0000	V	165.4	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	SODIUM	1270.0000	MG/KG		B	1000.0000	V	165.4	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - WQHP
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
40093	SS40060AE	SS	REAL	13-JAN-93	NITRATE/NITRITE	1.2700	MG/KG			0.2800	V	1.11	0.000	0.167
40193	SS40485AE	SS	REAL	05-JAN-93	NITRATE/NITRITE	4.7000	MG/KG			0.2800		1.11	0.000	0.167
40193	SS40485AE	SS	REAL	05-JAN-93	NITRATE/NITRITE	4.7000	MG/KG			0.2800	V	1.11	0.000	0.167
40293	SS40042AE	SS	REAL	20-JAN-93	NITRATE/NITRITE	1.3000	MG/KG			0.2700	V	1.11	0.000	0.167
40393	SS40053AE	SS	REAL	28-JAN-93	NITRATE/NITRITE	1.4000	MG/KG			0.2700	V	1.11	0.000	0.167
40593	SS40054AE	SS	REAL	22-JAN-93	NITRATE/NITRITE	6.4000	MG/KG			0.2800	V	1.11	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	NITRATE/NITRITE	29.8000	MG/KG			1.0800	V	1.11	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	NITRATE/NITRITE	7.6900	MG/KG			0.3500	V	1.11	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	NITRATE/NITRITE	2.9400	UG/G			0.2000	V	1.11	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	NITRATE/NITRITE	20.7000	MG/KG			0.7100	V	1.11	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	NITRATE/NITRITE	16.8000	MG/KG			0.2400	V	1.11	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	NITRATE/NITRITE	38.9000	MG/KG			1.3300	V	1.11	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	NITRATE/NITRITE	15.5000	MG/KG			0.2700	V	1.11	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	NITRATE/NITRITE	8.5000	MG/KG			0.2300	V	1.11	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	NITRATE/NITRITE	7.8000	MG/KG			0.2400	V	1.11	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	NITRATE/NITRITE	6.7000	MG/KG			0.2400	V	1.11	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	NITRATE/NITRITE	112.0000	MG/KG			0.2100	V	1.11	0.000	0.167
42293	SS40078AE	SS	REAL	15-APR-93	NITRATE/NITRITE	1.3300	MG/KG			0.2300	V	1.11	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	NITRATE/NITRITE	7.8000	MG/KG			0.2100	V	1.11	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	NITRATE/NITRITE	13.6000	MG/KG			0.3100	V	1.11	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	NITRATE/NITRITE	8.3000	MG/KG			0.2200	V	1.11	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	NITRATE/NITRITE	5.1000	MG/KG			0.2200	V	1.11	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	NITRATE/NITRITE	13.6000	MG/KG			0.2500		1.11	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	NITRATE/NITRITE	2.6000	MG/KG			0.2100	V	1.11	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	NITRATE/NITRITE	5.9900	MG/KG			0.2300	V	1.11	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	NITRATE/NITRITE	10.0000	MG/KG			0.2400	V	1.11	0.000	0.167
43993	SS40091AE	SS	REAL	04-FEB-93	NITRATE/NITRITE	2.7000	MG/KG			0.2300	V	1.11	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	NITRATE/NITRITE	19.8000	MG/KG			0.2400	V	1.11	0.000	0.167
44193	SS40011AE	SS	REAL	18-DEC-92	NITRATE/NITRITE	1.6000	MG/KG			0.2200	V	1.11	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	NITRATE/NITRITE	1.6000	MG/KG			0.2300	V	1.11	0.000	0.167
44593	SS40001AE	SS	REAL	11-DEC-92	NITRATE/NITRITE	83.3000	UG/G			0.2000	V	1.11	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	NITRATE/NITRITE	2.2000	MG/KG			0.2700	V	1.11	0.000	0.167
44893	SS40070AE	SS	REAL	14-JAN-93	NITRATE/NITRITE	4.6000	MG/KG			0.2600	V	1.11	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	NITRATE/NITRITE	369.0000	MG/KG			5.7000	V	1.11	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	NITRATE/NITRITE	19.5000	MG/KG			0.3000	V	1.11	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	NITRATE/NITRITE	272.0000	MG/KG			6.2200	V	1.11	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	NITRATE/NITRITE	14.6000	MG/KG			0.2700	V	1.11	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	NITRATE/NITRITE	6.2400	MG/KG			0.2100	V	1.11	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	1.1300	MG/KG			0.2300		1.11	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	1.1300	MG/KG			0.2300	V	1.11	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	NITRATE/NITRITE	11.9000	MG/KG			0.2000	V	1.11	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	NITRATE/NITRITE	2.9000	MG/KG			0.2300	V	1.11	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	NITRATE/NITRITE	3.3700	MG/KG			0.2700		1.11	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	NITRATE/NITRITE	3.3700	MG/KG			0.2700	V	1.11	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	NITRATE/NITRITE	1.9200	MG/KG			0.2300		1.11	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	NITRATE/NITRITE	1.9200	MG/KG			0.2300	V	1.11	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	NITRATE/NITRITE	1.9000	MG/KG			0.2200	V	1.11	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	2.3300	MG/KG			0.2900		1.11	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	2.3300	MG/KG			0.2900	V	1.11	0.000	0.167
SS401393	SS40029AE	SS	REAL	29-DEC-92	NITRATE/NITRITE	250.0000	MG/KG			0.2800	V	1.11	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	NITRATE/NITRITE	1.9000	MG/KG			0.2300	V	1.11	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	NITRATE/NITRITE	4.1000	MG/KG			0.2600	V	1.11	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	4.5700	MG/KG			0.2100		1.11	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	4.5700	MG/KG			0.2100	V	1.11	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	NITRATE/NITRITE	1.4100	MG/KG			0.2400		1.11	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	NITRATE/NITRITE	1.4100	MG/KG			0.2400	V	1.11	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	2.3100	MG/KG			0.2300		1.11	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - WQHP
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SS401893	SS40034AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	2.3100	MG/KG			0.2300	V	1.11	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	3.7200	MG/KG			0.2400		1.11	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	3.7200	MG/KG			0.2400	V	1.11	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	NITRATE/NITRITE	7.4400	MG/KG			0.2400		1.11	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	NITRATE/NITRITE	7.4400	MG/KG			0.2400	V	1.11	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	NITRATE/NITRITE	1.8000	MG/KG			0.2100	V	1.11	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	1.4200	MG/KG			0.2300		1.11	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	1.4200	MG/KG			0.2300	V	1.11	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	2.8600	MG/KG			0.2600		1.11	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	2.8600	MG/KG			0.2600	V	1.11	0.000	0.167
SS402593	SS40041AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	2.1900	MG/KG			0.2700		1.11	0.000	0.167
SS402593	SS40041AE	SS	REAL	30-DEC-92	NITRATE/NITRITE	2.1900	MG/KG			0.2700	V	1.11	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	NITRATE/NITRITE	3.6700	MG/KG			0.2300		1.11	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	NITRATE/NITRITE	3.6700	MG/KG			0.2300	V	1.11	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	NITRATE/NITRITE	3.4200	MG/KG			0.2200	V	1.11	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	NITRATE/NITRITE	21.5000	MG/KG			1.0600	V	1.11	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	NITRATE/NITRITE	4.8100	MG/KG			0.2100	V	1.11	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	NITRATE/NITRITE	464.0000	MG/KG			21.1000	V	1.11	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	NITRATE/NITRITE	765.0000	MG/KG			27.5000	V	1.11	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	NITRATE/NITRITE	1.8300	MG/KG			0.2700	V	1.11	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	NITRATE/NITRITE	429.0000	MG/KG			18.9000	V	1.11	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	NITRATE/NITRITE	3.7800	MG/KG			0.2500	V	1.11	0.000	0.167
SS403593	SS40051AE	SS	REAL	17-MAY-93	NITRATE/NITRITE	4.7800	MG/KG			0.2400	V	1.11	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	NITRATE/NITRITE	1.9000	MG/KG			0.2300	V	1.11	0.000	0.167

Appendix II.Z-1
Phase I Data - Subgrade - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41593	SS40073AE	SS	REAL	06-APR-93	CADMIUM	6.8000	MG/KG			5.0000	V	0.64	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	CADMIUM	3.5000	MG/KG			5.0000	V	0.64	0.333	0.500
42493	SS40083AE	SS	REAL	08-MAR-93	CADMIUM	9.8000	MG/KG			5.0000	V	0.64	0.417	0.583
42593	SS40082AE	SS	REAL	09-MAR-93	CADMIUM	6.0000	MG/KG			5.0000	V	0.64	0.333	0.500
43393	SS40087AE	SS	REAL	09-MAR-93	CADMIUM	1.8000	MG/KG			5.0000	V	0.64	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	CADMIUM	5.4000	MG/KG			5.0000	V	0.64	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	CADMIUM	56.7000	MG/KG			1.0000	JA	0.64	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	CADMIUM	23.7000	MG/KG			1.0000	JA	0.64	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	CADMIUM	24.4000	MG/KG			1.0000	JA	0.64	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	CALCIUM	15600.0000	MG/KG			1000.0000	V	8282.95	0.583	0.667
46893	SS40143AE	SS	REAL	18-NOV-93	CALCIUM	8320.0000	MG/KG		•	5000.0000	Y	8282.95	0.300	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	CALCIUM	17700.0000	MG/KG			1000.0000	Y	8282.95	0.833	1.333
47093	SS40145AE	SS	REAL	17-NOV-93	CALCIUM	14700.0000	MG/KG		•	5000.0000	Y	8282.95	0.042	0.058
41593	SS40073AE	SS	REAL	06-APR-93	MERCURY	0.3200	MG/KG			0.2000	V	0.03	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	MERCURY	0.2700	MG/KG			0.2000	V	0.03	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	MERCURY	0.5700	MG/KG			0.1000	V	0.03	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	MERCURY	0.5700	MG/KG			0.1000	V	0.03	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	MERCURY	0.3400	MG/KG			0.1000	V	0.03	0.333	0.500
41593	SS40073AE	SS	REAL	06-APR-93	SILICON	5370.0000	MG/KG			100.0000	JA	202.7	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	SILICON	1120.0000	MG/KG		N	100.0000	JA	202.7	0.333	0.500
42493	SS40083AE	SS	REAL	08-MAR-93	SILICON	901.0000	MG/KG		N	100.0000	JA	202.7	0.417	0.583
42593	SS40082AE	SS	REAL	09-MAR-93	SILICON	1140.0000	MG/KG		N	100.0000	JA	202.7	0.333	0.500
43393	SS40087AE	SS	REAL	09-MAR-93	SILICON	997.0000	MG/KG		N	100.0000	JA	202.7	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	SILICON	1110.0000	MG/KG		N	100.0000	JA	202.7	0.333	0.500
41593	SS40073AE	SS	REAL	06-APR-93	SODIUM	3160.0000	MG/KG			1000.0000	JA	165.4	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	SODIUM	1460.0000	MG/KG			1000.0000	V	165.4	0.333	0.500
42493	SS40083AE	SS	REAL	08-MAR-93	SODIUM	358.0000	MG/KG		B	1000.0000	V	165.4	0.417	0.583
42593	SS40082AE	SS	REAL	09-MAR-93	SODIUM	988.0000	MG/KG		B	1000.0000	V	165.4	0.333	0.500
43393	SS40087AE	SS	REAL	09-MAR-93	SODIUM	1930.0000	MG/KG			1000.0000	V	165.4	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	SODIUM	1070.0000	MG/KG			1000.0000	V	165.4	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	SODIUM	2610.0000	MG/KG			1000.0000	V	165.4	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	SODIUM	3660.0000	MG/KG			1000.0000	V	165.4	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	SODIUM	2460.0000	MG/KG			1000.0000	V	165.4	0.333	0.500
46893	SS40143AE	SS	REAL	18-NOV-93	SODIUM	268.0000	MG/KG		B	5000.0000	Y	165.4	0.300	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	SODIUM	7440.0000	MG/KG			1000.0000	Y	165.4	0.833	1.333

Appendix II.Z-1
Phase I Data - Subgrade - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41593	SS40073AE	SS	REAL	06-APR-93	AMERICIUM-241	3.3000	PCI/G	.37		0.0050	V	0.027	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	AMERICIUM-241	0.0652	PCI/G	.0283		0.0000	A	0.027	0.333	0.500
42493	SS40083AE	SS	REAL	08-MAR-93	AMERICIUM-241	4.9000	PCI/G	.8		0.0480	V	0.027	0.417	0.583
42593	SS40082AE	SS	REAL	09-MAR-93	AMERICIUM-241	0.1510	PCI/G	.049		0.0000	A	0.027	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	AMERICIUM-241	2.1700	PCI/G	.48		0.0000	A	0.027	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	AMERICIUM-241	2.7830	PCI/G	.304		0.0053	Y	0.027	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	AMERICIUM-241	44.6800	PCI/G	4.97		0.0043	Y	0.027	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	AMERICIUM-241	11.6900	PCI/G	1.32		0.0087	Y	0.027	0.333	0.500
46893	SS40143AE	SS	REAL	18-NOV-93	AMERICIUM-241	0.0697	PCI/G	.0166		0.0057	V	0.027	0.300	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	AMERICIUM-241	0.0286	PCI/G	.0123		0.0034	V	0.027	0.833	1.333
41593	SS40073AE	SS	REAL	06-APR-93	CESIUM-134	0.0000	PCI/G			0.1100	Z	ND	0.333	0.500
42493	SS40083AE	SS	REAL	08-MAR-93	CESIUM-134	0.0000	PCI/G			0.1300	Z	ND	0.417	0.583
46593	SS40140AE	SS	REAL	02-NOV-93	CESIUM-134	-0.0155	PCI/G	.0146	J	2.2780	Y	ND	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	CESIUM-134	-0.0023	PCI/G	.015	J	2.4160	Y	ND	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	CESIUM-134	0.0016	PCI/G	.0131	J	2.1310	Y	ND	0.333	0.500
46893	SS40143AE	SS	REAL	18-NOV-93	CESIUM-134	-0.0200	PCI/G	.0139	J	0.0216	V	ND	0.300	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	CESIUM-134	-0.0027	PCI/G	.0124	J	0.0210	V	ND	0.833	1.333
47093	SS40145AE	SS	REAL	17-NOV-93	CESIUM-134	0.0082	PCI/G	.0132	J	0.0222	V	ND	0.042	0.058
41593	SS40073AE	SS	REAL	06-APR-93	GROSS ALPHA	75.0000	PCI/G	6.3		3.1000	A	22.9	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	GROSS ALPHA	24.6000	PCI/G	6.6		3.9000	A	22.9	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	GROSS ALPHA	39.6000	PCI/G	9.5		3.9000	A	22.9	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	GROSS ALPHA	29.5700	PCI/G	6.23		2.8422	Y	22.9	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	GROSS ALPHA	67.3900	PCI/G	10.7		2.3724	Y	22.9	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	GROSS ALPHA	34.7200	PCI/G	6.92		3.1619	Y	22.9	0.333	0.500
41593	SS40073AE	SS	REAL	06-APR-93	PLUTONIUM-239/240	14.0000	PCI/G	1.9		0.0070	V	0.062	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	PLUTONIUM-239/240	0.2800	PCI/G	.078		0.0000	A	0.062	0.333	0.500
42593	SS40082AE	SS	REAL	09-MAR-93	PLUTONIUM-239/240	2.5500	PCI/G	.57		0.0000	A	0.062	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	PLUTONIUM-239/240	4.5500	PCI/G	1.02		0.0110	A	0.062	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	PLUTONIUM-239/240	19.7800	PCI/G	2.25		0.0062	Y	0.062	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	PLUTONIUM-239/240	8.5370	PCI/G	.847		0.0077	Y	0.062	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	PLUTONIUM-239/240	12.8700	PCI/G	1.39		0.0128	Y	0.062	0.333	0.500
46893	SS40143AE	SS	REAL	18-NOV-93	PLUTONIUM-239/240	0.1876	PCI/G	.0326		0.0027	A	0.062	0.300	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	PLUTONIUM-239/240	0.2787	PCI/G	.0462		0.0033	V	0.062	0.833	1.333
41593	SS40073AE	SS	REAL	06-APR-93	TRITIUM	13000.0000	PCI/L	740		510.0000	A	ND	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	TRITIUM	50300.0000	PCI/L	5900		2600.0000	JA	ND	0.333	0.500
42493	SS40083AE	SS	REAL	08-MAR-93	TRITIUM	2400.0000	PCI/L	330	B	360.0000	A	ND	0.417	0.583
42593	SS40082AE	SS	REAL	09-MAR-93	TRITIUM	13300.0000	PCI/L	1500		430.0000	JA	ND	0.333	0.500
43393	SS40087AE	SS	REAL	09-MAR-93	TRITIUM	46400.0000	PCI/L	5400		2040.0000	JA	ND	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	TRITIUM	5630.0000	PCI/L	830		730.0000	JA	ND	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	TRITIUM	32470.0000	PCI/L	2520		235.8000	Y	ND	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	TRITIUM	49120.0000	PCI/L	3730		235.8000	Y	ND	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	TRITIUM	25690.0000	PCI/L	2020		235.8000	Y	ND	0.333	0.500
46893	SS40143AE	SS	REAL	18-NOV-93	TRITIUM	4103.0000	PCI/L	494		273.0000	V	ND	0.300	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	TRITIUM	15500.0000	PCI/L	1290	X	240.0000	V	ND	0.833	1.333
47093	SS40145AE	SS	REAL	17-NOV-93	TRITIUM	2044.0000	PCI/L	330		253.4000	V	ND	0.042	0.058
41593	SS40073AE	SS	REAL	06-APR-93	URANIUM-233,-234	11.0000	PCI/G	1.7	B	0.0140	A	1.22	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	URANIUM-233,-234	3.9300	PCI/G	.87		0.0180	V	1.22	0.333	0.500
42593	SS40082AE	SS	REAL	09-MAR-93	URANIUM-233,-234	5.2100	PCI/G	1.2		0.0410	V	1.22	0.333	0.500
43393	SS40087AE	SS	REAL	09-MAR-93	URANIUM-233,-234	1.9500	PCI/G	.47		0.0270	V	1.22	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	URANIUM-233,-234	2.1400	PCI/G	.52		0.0200	V	1.22	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	URANIUM-233,-234	14.1700	PCI/G	2.52		0.0977	Y	1.22	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	URANIUM-233,-234	63.4000	PCI/G	10.4		0.1085	Y	1.22	0.333	0.500

Appendix II.Z-1
Phase I Data - Subgrade - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
46793	SS40142AE	SS	REAL	03-NOV-93	URANIUM-233,-234	11.6600	PCI/G	2		0.0749	Y	1.22	0.333	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	URANIUM-233,-234	11.7800	PCI/G	2.02		0.1002	V	1.22	0.833	1.333
41593	SS40073AE	SS	REAL	06-APR-93	URANIUM-235	0.2900	PCI/G	.14	J	0.0230	A	0.09	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	URANIUM-235	0.1650	PCI/G	.069		0.0000	V	0.09	0.333	0.500
42593	SS40082AE	SS	REAL	09-MAR-93	URANIUM-235	0.2190	PCI/G	.105		0.0000	V	0.09	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	URANIUM-235	0.4828	PCI/G	.216		0.0774	Y	0.09	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	URANIUM-235	1.6890	PCI/G	.46		0.0757	Y	0.09	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	URANIUM-235	0.3833	PCI/G	.178		0.0749	Y	0.09	0.333	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	URANIUM-235	0.3993	PCI/G	.183		0.0855	V	0.09	0.833	1.333
41593	SS40073AE	SS	REAL	06-APR-93	URANIUM-238	7.0000	PCI/G	1.2	B	0.0140	A	1.27	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	URANIUM-238	2.7100	PCI/G	.61		0.0180	V	1.27	0.333	0.500
42593	SS40082AE	SS	REAL	09-MAR-93	URANIUM-238	2.9500	PCI/G	.71		0.0000	V	1.27	0.333	0.500
43393	SS40087AE	SS	REAL	09-MAR-93	URANIUM-238	1.4200	PCI/G	.36		0.0180	V	1.27	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	URANIUM-238	2.2100	PCI/G	.53		0.0200	V	1.27	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	URANIUM-238	6.6290	PCI/G	1.3		0.0977	Y	1.27	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	URANIUM-238	25.4700	PCI/G	4.31		0.0903	Y	1.27	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	URANIUM-238	5.9160	PCI/G	1.12		0.0853	Y	1.27	0.333	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	URANIUM-238	9.9980	PCI/G	1.74		0.0807	V	1.27	0.833	1.333

Appendix II.Z-1
Phase I Data - Subgrade - WQHP
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41593	SS40073AE	SS	REAL	06-APR-93	NITRATE/NITRITE	1500.0000	MG/KG			42.2000		1.11	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	NITRATE/NITRITE	923.0000	MG/KG			41.6000	V	1.11	0.333	0.500
42493	SS40083AE	SS	REAL	08-MAR-93	NITRATE/NITRITE	433.0000	MG/KG			21.0000	V	1.11	0.417	0.583
42593	SS40082AE	SS	REAL	09-MAR-93	NITRATE/NITRITE	747.0000	MG/KG			31.7000	V	1.11	0.333	0.500
43393	SS40087AE	SS	REAL	09-MAR-93	NITRATE/NITRITE	915.0000	MG/KG			42.1000	V	1.11	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	NITRATE/NITRITE	305.0000	MG/KG			21.0000	V	1.11	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	NITRATE/NITRITE	1850.0000	UG/G			0.2000	V	1.11	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	NITRATE/NITRITE	2230.0000	UG/G			0.2000	V	1.11	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	NITRATE/NITRITE	848.0000	UG/G			0.2000	V	1.11	0.333	0.500
46893	SS40143AE	SS	REAL	18-NOV-93	NITRATE/NITRITE	23.5000	UG/G			0.2000	JA	1.11	0.300	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	NITRATE/NITRITE	5170.0000	UG/G			0.2000	JA	1.11	0.833	1.333
47093	SS40145AE	SS	REAL	17-NOV-93	NITRATE/NITRITE	22.1000	UG/G			0.2000	JA	1.11	0.042	0.058

Appendix II.Z-1
Phase I Data - Surface Soil - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
40093	SS40060AE	SS	REAL	13-JAN-93	AMERICIUM-241	0.0350	PCI/G	.0167		0.0000	V	0.027	0.000	0.167
40193	SS40485AE	SS	REAL	05-JAN-93	AMERICIUM-241	0.0519	PCI/G	.0213		0.0000	V	0.027	0.000	0.167
40293	SS40042AE	SS	REAL	20-JAN-93	AMERICIUM-241	0.0280	PCI/G	.016		0.0120	V	0.027	0.000	0.167
40393	SS40053AE	SS	REAL	28-JAN-93	AMERICIUM-241	0.0810	PCI/G	.026		0.0080	V	0.027	0.000	0.167
40593	SS40054AE	SS	REAL	22-JAN-93	AMERICIUM-241	0.0400	PCI/G	.016		0.0040	V	0.027	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	AMERICIUM-241	0.5800	PCI/G	.1		0.0220	V	0.027	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	AMERICIUM-241	2.1000	PCI/G	.24		0.0240	V	0.027	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	AMERICIUM-241	1.5000	PCI/G	.23		0.0300	V	0.027	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	AMERICIUM-241	2.5000	PCI/G	.36		0.0540	V	0.027	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	AMERICIUM-241	4.5000	PCI/G	.7		0.0270	V	0.027	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	AMERICIUM-241	2.0000	PCI/G	.44	B	0.0080	A	0.027	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	AMERICIUM-241	12.0000	PCI/G	2.7		0.0500	A	0.027	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	AMERICIUM-241	8.9620	PCI/G	.903		0.0024	A	0.027	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	AMERICIUM-241	1.1300	PCI/G	.25		0.0000	V	0.027	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	AMERICIUM-241	0.4300	PCI/G	.042		0.0100	A	0.027	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	AMERICIUM-241	0.4600	PCI/G	.044		0.0100	V	0.027	0.000	0.167
42293	SS40078AE	SS	REAL	15-APR-93	AMERICIUM-241	0.0585	PCI/G	.015		0.0042	V	0.027	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	AMERICIUM-241	0.2300	PCI/G	.046		0.0050	V	0.027	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	AMERICIUM-241	0.3400	PCI/G	.054		0.0060	V	0.027	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	AMERICIUM-241	0.5600	PCI/G	.06		0.0200	V	0.027	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	AMERICIUM-241	6.8790	PCI/G	.681		0.0039	R	0.027	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	AMERICIUM-241	4.4000	PCI/G	.66		0.0270	V	0.027	0.000	0.167
43493	SS40086AE	SS	REAL	21-APR-93	AMERICIUM-241	0.0856	PCI/G	.0199		0.0025	V	0.027	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	AMERICIUM-241	0.0980	PCI/G	.03		0.0080	V	0.027	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	AMERICIUM-241	110.0000	PCI/G	18		0.0520	A	0.027	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	AMERICIUM-241	1.7000	PCI/G	.34		0.0470	V	0.027	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	AMERICIUM-241	0.9700	PCI/G	.23		0.0590	V	0.027	0.000	0.167
44193	SS40011AE	SS	REAL	18-DEC-92	AMERICIUM-241	0.1600	PCI/G	.022		0.0100	V	0.027	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	AMERICIUM-241	0.4080	PCI/G	.101		0.0100	V	0.027	0.000	0.167
44593	SS40001AE	SS	REAL	11-DEC-92	AMERICIUM-241	0.5200	PCI/G	.053		0.0100	V	0.027	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	AMERICIUM-241	0.2255	PCI/G	.037		0.0040	A	0.027	0.000	0.167
44893	SS40070AE	SS	REAL	14-JAN-93	AMERICIUM-241	0.0457	PCI/G	.0211		0.0000	V	0.027	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	AMERICIUM-241	0.1600	PCI/G	.036		0.0070	A	0.027	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	AMERICIUM-241	1.5000	PCI/G	.32		0.0600	V	0.027	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	AMERICIUM-241	0.5800	PCI/G	.098		0.0070	A	0.027	0.000	0.167
SS400193	SS40017AE	SS	REAL	29-DEC-92	AMERICIUM-241	0.4795	PCI/G	.0642		0.0026		0.027	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	AMERICIUM-241	2.7830	PCI/G	.295		0.0025		0.027	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	AMERICIUM-241	27.0000	PCI/G	2.3		0.6000	A	0.027	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	AMERICIUM-241	0.7054	PCI/G	.0879		0.0026		0.027	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	AMERICIUM-241	92.0000	PCI/G	6.9		0.5000	A	0.027	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	AMERICIUM-241	55.0000	PCI/G	4.1		1.0000	A	0.027	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	AMERICIUM-241	1.1470	PCI/G	.129		0.0023		0.027	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	AMERICIUM-241	0.1974	PCI/G	.0329		0.0040	A	0.027	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	AMERICIUM-241	20.1800	PCI/G	2.19		0.0080	A	0.027	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	AMERICIUM-241	1.0350	PCI/G	.121		0.0070		0.027	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	AMERICIUM-241	0.0333	PCI/G	.0111		0.0000	A	0.027	0.000	0.167
SS401293	SS40028AE	SS	REAL	29-DEC-92	AMERICIUM-241	0.0584	PCI/G	.0161		0.0026		0.027	0.000	0.167
SS401393	SS40029AE	SS	REAL	29-DEC-92	AMERICIUM-241	0.2156	PCI/G	.036		0.0026		0.027	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	AMERICIUM-241	1.2380	PCI/G	.143		0.0027		0.027	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	AMERICIUM-241	0.9783	PCI/G	.118		0.0077		0.027	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	AMERICIUM-241	2.1320	PCI/G	.231		0.0043		0.027	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	AMERICIUM-241	0.1631	PCI/G	.0284		0.0030	A	0.027	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	AMERICIUM-241	16.4300	PCI/G	1.8		0.0039		0.027	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	AMERICIUM-241	7.0450	PCI/G	.725		0.0071		0.027	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	AMERICIUM-241	0.1260	PCI/G	.0252		0.0020	A	0.027	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	AMERICIUM-241	2.1050	PCI/G	.235		0.0050	A	0.027	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	AMERICIUM-241	0.0540	PCI/G	.0188		0.0000	A	0.027	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SS402393	SS40039AE	SS	REAL	30-DEC-92	AMERICIUM-241	1.3810	PCI/G	.154		0.0025		0.027	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	AMERICIUM-241	0.0522	PCI/G	.0141		0.0000	A	0.027	0.000	0.167
SS402593	SS40041AE	SS	REAL	30-DEC-92	AMERICIUM-241	0.0363	PCI/G	.0127		0.0000	A	0.027	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	AMERICIUM-241	0.3602	PCI/G	.0586		0.0000	A	0.027	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	AMERICIUM-241	220.0000	PCI/G	54		2.1000		0.027	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	AMERICIUM-241	130.0000	PCI/G	7.5		0.8000	A	0.027	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	AMERICIUM-241	3.2000	PCI/G	0.44		0.3000	A	0.027	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	AMERICIUM-241	7.5000	PCI/G	.87		0.0050		0.027	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	AMERICIUM-241	0.4500	PCI/G	.076		0.0050		0.027	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	AMERICIUM-241	0.9300	PCI/G	.15		0.0140		0.027	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	AMERICIUM-241	0.2000	PCI/G	.046		0.0080		0.027	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	AMERICIUM-241	0.0460	PCI/G	.022		0.0030		0.027	0.000	0.167
SS403593	SS40051AE	SS	REAL	17-MAY-93	AMERICIUM-241	0.0460	PCI/G	.022		0.0030		0.027	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	AMERICIUM-241	0.2500	PCI/G	.058		0.0120		0.027	0.000	0.167
40293	SS40042AE	SS	REAL	20-JAN-93	CESIUM-134	0.0000	PCI/G			0.0790	Z	ND	0.000	0.167
40393	SS40053AE	SS	REAL	28-JAN-93	CESIUM-134	0.0000	PCI/G			0.1100	Z	ND	0.000	0.167
40593	SS40054AE	SS	REAL	22-JAN-93	CESIUM-134	0.0000	PCI/G			0.1200	Z	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	CESIUM-134	0.0000	PCI/G			0.1400	Z	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	CESIUM-134	0.0000	PCI/G			0.1400	Z	ND	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	CESIUM-134	0.0000	PCI/G			0.3000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	CESIUM-134	0.0000	PCI/G			0.1500	Z	ND	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	CESIUM-134	0.0060	PCI/G	0.205		0.1100	V	ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	CESIUM-134	0.0120	PCI/G	0.185		0.2400	V	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	CESIUM-134	0.0050	PCI/G	0.074		0.0990	V	ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	CESIUM-134	-0.0442	PCI/G	.0334	J	0.0526	A	ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	CESIUM-134	0.0000	PCI/G			0.2000		ND	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	CESIUM-134	0.0000	PCI/G			0.0800		ND	0.000	0.167
42293	SS40078AE	SS	REAL	15-APR-93	CESIUM-134	-0.0109	PCI/G	.0291	J	0.0463	Z	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	CESIUM-134	0.0030	PCI/G	0.091		0.1200	V	ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	CESIUM-134	0.0060	PCI/G	0.166		0.1400	V	ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	CESIUM-134	0.0000	PCI/G			0.1000		ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	CESIUM-134	-0.2390	PCI/G	.0495	J	0.0549	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	CESIUM-134	0.0000	PCI/G			0.1000	Z	ND	0.000	0.167
43493	SS40086AE	SS	REAL	21-APR-93	CESIUM-134	0.0067	PCI/G	.0256	J	0.0436	Z	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	CESIUM-134	0.0000	PCI/G			0.0750	Z	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	CESIUM-134	0.0070	PCI/G	0.076		0.0910	V	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	CESIUM-134	0.0020	PCI/G	0.070		0.1100	V	ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	CESIUM-134	0.0000	PCI/G			0.0770	Z	ND	0.000	0.167
44193	SS40011AE	SS	REAL	18-DEC-92	CESIUM-134	0.0000	PCI/G			0.2000		ND	0.000	0.167
44593	SS40001AE	SS	REAL	11-DEC-92	CESIUM-134	0.0000	PCI/G			0.2000		ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	CESIUM-134	-0.0281	PCI/G	.0284	J	0.0437		ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	CESIUM-134	0.0000	PCI/G			0.1000	Z	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	CESIUM-134	0.0000	PCI/G			0.0750	Z	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	CESIUM-134	0.0000	PCI/G			0.0990	Z	ND	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	CESIUM-134	0.0000	PCI/G			0.2000		ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	CESIUM-134	0.0000	PCI/G			0.2000		ND	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	CESIUM-134	0.0000	PCI/G			0.2000		ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	CESIUM-134	-0.0083	PCI/G	.0294	J	0.0488		ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	CESIUM-134	0.0333	PCI/G	.0262	J	0.0486		ND	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	CESIUM-134	-0.0320	PCI/G	.0289	J	0.0457		ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	CESIUM-134	0.0081	PCI/G	.0264	J	0.0447		ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	CESIUM-134	0.0218	PCI/G	.0289	J	0.0518		ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	CESIUM-134	-0.0669	PCI/G	.0319	J	0.0476		ND	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	CESIUM-134	-0.0016	PCI/G	.0332	J	0.0545		ND	0.000	0.167
SS402593	SS40041AE	SS	REAL	30-DEC-92	CESIUM-134	-0.0346	PCI/G	.0248	J	0.0379		ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	CESIUM-134	-0.0100	PCI/G	.0298	J	0.0482		ND	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	CESIUM-134	0.0000	PCI/G			0.0750		ND	0.000	0.167

Appendix II.2-1
Phase I Data - Surface Soil - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SS402893	SS40044AE	SS	REAL	27-MAY-93	CESIUM-134	0.0000	PCI/G			0.2000		ND	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	CESIUM-134	0.0000	PCI/G			0.1000		ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	CESIUM-134	0.0000	PCI/G			0.1100		ND	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	CESIUM-134	0.0000	PCI/G			0.0740		ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	CESIUM-134	0.0000	PCI/G			0.0750		ND	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	CESIUM-134	0.0000	PCI/G			0.0790		ND	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	CESIUM-134	0.0000	PCI/G			0.0730		ND	0.000	0.167
SS403593	SS40051AE	SS	REAL	17-MAY-93	CESIUM-134	0.0000	PCI/G			0.0760		ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	CESIUM-134	0.0000	PCI/G			0.0740		ND	0.000	0.167
40593	SS40054AE	SS	REAL	22-JAN-93	GROSS ALPHA	28.0000	PCI/G	4.1		2.1000	A	22.9	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	GROSS ALPHA	24.0000	PCI/G	3.7		2.4000	A	22.9	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	GROSS ALPHA	36.0000	PCI/G	4.3		2.0000	A	22.9	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	GROSS ALPHA	43.0000	PCI/G	4.9		2.2000	A	22.9	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	GROSS ALPHA	47.0000	PCI/G	5.3		2.9000	A	22.9	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	GROSS ALPHA	27.0000	PCI/G	4.4		3.9000	A	22.9	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	GROSS ALPHA	65.0000	PCI/G	6		2.8000	A	22.9	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	GROSS ALPHA	36.0700	PCI/G	6.99		2.2839	Y	22.9	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	GROSS ALPHA	29.0000	PCI/G	4.2		2.7000	A	22.9	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	GROSS ALPHA	31.0000	PCI/G	4.4		2.9000	A	22.9	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	GROSS ALPHA	52.0000	PCI/G	5.4		2.8000	A	22.9	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	GROSS ALPHA	28.0000	PCI/G	4.3		3.2000	A	22.9	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	GROSS ALPHA	260.0000	PCI/G	11		2.1000	A	22.9	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	GROSS ALPHA	110.0000	PCI/G	7.8		3.9000	A	22.9	0.000	0.167
43993	SS40091AE	SS	REAL	04-FEB-93	GROSS ALPHA	32.0000	PCI/G	5.1		4.9000	A	22.9	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	GROSS ALPHA	45.0000	PCI/G	4.8		2.7000	A	22.9	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	GROSS ALPHA	43.0000	PCI/G	4.8		2.1000	R	22.9	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	GROSS ALPHA	94.0000	PCI/G	6.3		2.0000	R	22.9	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	GROSS ALPHA	170.0000	PCI/G	17		4.0000	R	22.9	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	GROSS ALPHA	54.0000	PCI/G	9.7		5.0000	R	22.9	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	GROSS ALPHA	43.4100	PCI/G	7.96		2.8300	V	22.9	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	GROSS ALPHA	24.4400	PCI/G	5.55		2.7703		22.9	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	GROSS ALPHA	49.5700	PCI/G	8.65		2.5404		22.9	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	GROSS ALPHA	29.8300	PCI/G	6.19		2.1883		22.9	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	GROSS ALPHA	24.2600	PCI/G	5.5		2.3100	V	22.9	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	GROSS ALPHA	26.2800	PCI/G	5.8		2.7737		22.9	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	GROSS ALPHA	28.4200	PCI/G	6.05		2.4000	V	22.9	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	GROSS ALPHA	440.0000	PCI/G	14		3.6000		22.9	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	GROSS ALPHA	200.0000	PCI/G	11		3.0000	R	22.9	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	GROSS ALPHA	59.0000	PCI/G	6.3		4.0000	R	22.9	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	GROSS ALPHA	250.0000	PCI/G	11		1.9000		22.9	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	GROSS ALPHA	46.0000	PCI/G	5		2.0000		22.9	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	GROSS ALPHA	34.0000	PCI/G	4.2		2.0000		22.9	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	GROSS ALPHA	32.0000	PCI/G	4		2.8000		22.9	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	GROSS ALPHA	36.0000	PCI/G	4.6		2.8000		22.9	0.000	0.167
SS403593	SS40051AE	SS	REAL	17-MAY-93	GROSS ALPHA	26.0000	PCI/G	3.9		2.6000		22.9	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	GROSS ALPHA	28.0000	PCI/G	4.2		3.5000		22.9	0.000	0.167
40193	SS40485AE	SS	REAL	05-JAN-93	PLUTONIUM-239/240	0.0788	PCI/G	.0351		0.0000	A	0.062	0.000	0.167
40393	SS40053AE	SS	REAL	28-JAN-93	PLUTONIUM-239/240	0.0890	PCI/G	.046		0.0150	A	0.062	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	PLUTONIUM-239/240	1.0000	PCI/G	.15		0.0020	V	0.062	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	PLUTONIUM-239/240	3.3000	PCI/G	.65		0.0270	V	0.062	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	PLUTONIUM-239/240	1.2000	PCI/G	.081		0.0070	R	0.062	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	PLUTONIUM-239/240	7.9000	PCI/G	1.5		0.0050	V	0.062	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	PLUTONIUM-239/240	3.4000	PCI/G	.57		0.0110	V	0.062	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	PLUTONIUM-239/240	1.9000	PCI/G	.52		0.0370	A	0.062	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	PLUTONIUM-239/240	4.9000	PCI/G	1		0.0060	V	0.062	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	PLUTONIUM-239/240	9.0330	PCI/G	.899		0.0078	A	0.062	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41893	SS40003AE	SS	REAL	18-JAN-93	PLUTONIUM-239/240	1.0400	PCI/G	.27		0.0000	A	0.062	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	PLUTONIUM-239/240	1.2000	PCI/G	.091		0.0050	R	0.062	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	PLUTONIUM-239/240	0.2600	PCI/G	.027		0.0040	R	0.062	0.000	0.167
42293	SS40078AE	SS	REAL	15-APR-93	PLUTONIUM-239/240	0.3215	PCI/G	.0492		0.0077	V	0.062	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	PLUTONIUM-239/240	0.4300	PCI/G	.08		0.0020	V	0.062	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	PLUTONIUM-239/240	0.3100	PCI/G	.06		0.0070	V	0.062	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	PLUTONIUM-239/240	0.9000	PCI/G	.072		0.0060	R	0.062	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	PLUTONIUM-239/240	5.3240	PCI/G	.532		0.0027	A	0.062	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	PLUTONIUM-239/240	4.2000	PCI/G	.61		0.0020	A	0.062	0.000	0.167
43493	SS40086AE	SS	REAL	21-APR-93	PLUTONIUM-239/240	0.6421	PCI/G	.0792		0.0071	V	0.062	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	PLUTONIUM-239/240	0.6800	PCI/G	.12		0.0080	A	0.062	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	PLUTONIUM-239/240	17.0000	PCI/G	3.7		0.0060	V	0.062	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	PLUTONIUM-239/240	2.1000	PCI/G	.29		0.0060	V	0.062	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	PLUTONIUM-239/240	0.3900	PCI/G	.17		0.0290	A	0.062	0.000	0.167
44193	SS40011AE	SS	REAL	18-DEC-92	PLUTONIUM-239/240	0.0690	PCI/G	.015		0.0070	R	0.062	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	PLUTONIUM-239/240	0.2110	PCI/G	.063		0.0100	A	0.062	0.000	0.167
44593	SS40001AE	SS	REAL	11-DEC-92	PLUTONIUM-239/240	0.2800	PCI/G	.035		0.0060	R	0.062	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	PLUTONIUM-239/240	0.4437	PCI/G	.0779		0.0070	A	0.062	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	PLUTONIUM-239/240	0.1600	PCI/G	.046	B	0.0030	A	0.062	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	PLUTONIUM-239/240	4.9000	PCI/G	1.2		0.0190	A	0.062	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	PLUTONIUM-239/240	1.2000	PCI/G	.22	B	0.0150	A	0.062	0.000	0.167
SS400193	SS40017AE	SS	REAL	29-DEC-92	PLUTONIUM-239/240	0.2337	PCI/G	.0505		0.0055		0.062	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	PLUTONIUM-239/240	5.5280	PCI/G	.582		0.0124		0.062	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	PLUTONIUM-239/240	15.0000	PCI/G	2.6		0.9000	R	0.062	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	PLUTONIUM-239/240	0.8244	PCI/G	.107		0.0096		0.062	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	PLUTONIUM-239/240	32.0000	PCI/G	3.3		0.3000	R	0.062	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	PLUTONIUM-239/240	28.0000	PCI/G	3.6		0.8000	R	0.062	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	PLUTONIUM-239/240	0.4302	PCI/G	.0714		0.0129		0.062	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	PLUTONIUM-239/240	0.3370	PCI/G	.0584		0.0080	A	0.062	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	PLUTONIUM-239/240	10.0500	PCI/G	1.11		0.0000	A	0.062	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	PLUTONIUM-239/240	1.5270	PCI/G	.182		0.0086		0.062	0.000	0.167
SS401393	SS40029AE	SS	REAL	29-DEC-92	PLUTONIUM-239/240	0.1907	PCI/G	.0349		0.0052		0.062	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	PLUTONIUM-239/240	2.7340	PCI/G	.316		0.0089		0.062	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	PLUTONIUM-239/240	3.0770	PCI/G	.332		0.0079		0.062	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	PLUTONIUM-239/240	1.8640	PCI/G	.208		0.0033		0.062	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	PLUTONIUM-239/240	0.2640	PCI/G	.0447		0.0050	A	0.062	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	PLUTONIUM-239/240	7.4480	PCI/G	.758		0.0073		0.062	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	PLUTONIUM-239/240	2.8300	PCI/G	.302		0.0061		0.062	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	PLUTONIUM-239/240	0.3909	PCI/G	.0773		0.0110	A	0.062	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	PLUTONIUM-239/240	9.2190	PCI/G	1.02		0.0000	A	0.062	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	PLUTONIUM-239/240	5.3290	PCI/G	.563		0.0036		0.062	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	PLUTONIUM-239/240	0.1225	PCI/G	.0336		0.0090	A	0.062	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	PLUTONIUM-239/240	1.4460	PCI/G	.177		0.0070	A	0.062	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	PLUTONIUM-239/240	56.0000	PCI/G	10		0.0300		0.062	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	PLUTONIUM-239/240	76.0000	PCI/G	7.1		1.0000	R	0.062	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	PLUTONIUM-239/240	0.9600	PCI/G	0.45		0.6000	R	0.062	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	PLUTONIUM-239/240	19.0000	PCI/G	3.2		0.0180		0.062	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	PLUTONIUM-239/240	0.5000	PCI/G	.06		0.0010		0.062	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	PLUTONIUM-239/240	2.1000	PCI/G	.22		0.0010		0.062	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	PLUTONIUM-239/240	0.4600	PCI/G	.058		0.0030		0.062	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	PLUTONIUM-239/240	0.1200	PCI/G	.022		0.0060		0.062	0.000	0.167
SS403593	SS40051AE	SS	REAL	17-MAY-93	PLUTONIUM-239/240	0.0800	PCI/G	.018		0.0060		0.062	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	PLUTONIUM-239/240	0.1600	PCI/G	.026		0.0080		0.062	0.000	0.167
40093	SS40060AE	SS	REAL	13-JAN-93	TRITIUM	20100.0000	PCI/L	2200		615.0000	JA	ND	0.000	0.167
40193	SS40485AE	SS	REAL	05-JAN-93	TRITIUM	118000.0000	PCI/L	12000		1360.0000	JA	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	TRITIUM	520.0000	PCI/L	260		390.0000	V	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	TRITIUM	480.0000	PCI/L	260		390.0000	V	ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41193	SS40007AE	SS	REAL	28-JAN-93	TRITIUM	640.0000	PCI/L	260		380.0000	A	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	TRITIUM	870.0000	PCI/L	350		530.0000	A	ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	TRITIUM	5.8180	PCI/L	217	J	252.7000	V	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	TRITIUM	900.0000	PCI/L	210		270.0000	JA	ND	0.000	0.167
42293	SS40078AE	SS	REAL	15-APR-93	TRITIUM	21.4200	PCI/L	214	J	248.2000	V	ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	TRITIUM	48.4800	PCI/L	219	J	252.7000	V	ND	0.000	0.167
43493	SS40086AE	SS	REAL	21-APR-93	TRITIUM	129.3000	PCI/L	219	J	248.2000	V	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	TRITIUM	280.0000	PCI/L	131		200.0000	JA	ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	TRITIUM	124.6000	PCI/L	224	J	260.0000	V	ND	0.000	0.167
44893	SS40070AE	SS	REAL	14-JAN-93	TRITIUM	227000.0000	PCI/L	23000		1120.0000	JA	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	TRITIUM	1300.0000	PCI/L	280		340.0000	A	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	TRITIUM	480.0000	PCI/L	280		430.0000	A	ND	0.000	0.167
SS400193	SS40017AE	SS	REAL	29-DEC-92	TRITIUM	-59.5000	PCI/L	215	J	0.0000		ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	TRITIUM	140.4000	PCI/L	226	X	0.0000		ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	TRITIUM	37.0500	PCI/L	220	X	0.0000		ND	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	TRITIUM	-7.8000	PCI/L	218	J	0.0000		ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	TRITIUM	134.5000	PCI/L	224	J	260.0000	V	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	TRITIUM	68.2600	PCI/L	221	J	260.0000	V	ND	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	TRITIUM	22.4300	PCI/L	219	X	0.0000		ND	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	TRITIUM	164.8000	PCI/L	226	J	260.0000	V	ND	0.000	0.167
SS401293	SS40028AE	SS	REAL	29-DEC-92	TRITIUM	74.1200	PCI/L	222	X	0.0000		ND	0.000	0.167
SS401393	SS40029AE	SS	REAL	29-DEC-92	TRITIUM	1254.0000	PCI/L	289	X	0.0000		ND	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	TRITIUM	155.1000	PCI/L	226	X	0.0000		ND	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	TRITIUM	48.7600	PCI/L	221	X	0.0000		ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	TRITIUM	113.1000	PCI/L	224	X	0.0000		ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	TRITIUM	146.3000	PCI/L	225	J	260.0000	V	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	TRITIUM	153.1000	PCI/L	226	X	0.0000		ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	TRITIUM	10.7300	PCI/L	219	X	0.0000		ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	TRITIUM	155.1000	PCI/L	226	J	260.0000	V	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	TRITIUM	54.5700	PCI/L	220	J	260.0000	V	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	TRITIUM	-58.0000	PCI/L	167		200.0000	JA	ND	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	TRITIUM	-26.3000	PCI/L	217	J	0.0000		ND	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	TRITIUM	137.5000	PCI/L	225	J	260.0000	V	ND	0.000	0.167
SS402593	SS40041AE	SS	REAL	30-DEC-92	TRITIUM	56.5600	PCI/L	220	J	260.0000	V	ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	TRITIUM	179.3000	PCI/L	227	J	260.0000	V	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	TRITIUM	250.0000	PCI/L	140	J	200.0000	V	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	TRITIUM	1600.0000	PCI/L	300		350.0000		ND	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	TRITIUM	820.0000	PCI/L	260		340.0000		ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	TRITIUM	550.0000	PCI/L	240		340.0000		ND	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	TRITIUM	710.0000	PCI/L	250		340.0000		ND	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	TRITIUM	940.0000	PCI/L	300		480.0000		ND	0.000	0.167
SS403593	SS40051AE	SS	REAL	17-MAY-93	TRITIUM	620.0000	PCI/L	290		470.0000		ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	TRITIUM	490.0000	PCI/L	280		450.0000		ND	0.000	0.167
40093	SS40060AE	SS	REAL	13-JAN-93	URANIUM-233,-234	1.2700	PCI/G	.27		0.0190	A	1.22	0.000	0.167
40293	SS40042AE	SS	REAL	20-JAN-93	URANIUM-233,-234	1.3000	PCI/G	.36	B	0.0260	A	1.22	0.000	0.167
40593	SS40054AE	SS	REAL	22-JAN-93	URANIUM-233,-234	1.3000	PCI/G	.35	B	0.0160	A	1.22	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	URANIUM-233,-234	2.5000	PCI/G	.42	B	0.0130	A	1.22	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	URANIUM-233,-234	1.9000	PCI/G	.38	B	0.0110	A	1.22	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	URANIUM-233,-234	2.9000	PCI/G	.65	B	0.0170	A	1.22	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	URANIUM-233,-234	2.4000	PCI/G	.69	B	0.0420	V	1.22	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	URANIUM-233,-234	2.3000	PCI/G	.55	B	0.0170	A	1.22	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	URANIUM-233,-234	3.5070	PCI/G	.642		0.0610	A	1.22	0.000	0.167
42293	SS40078AE	SS	REAL	15-APR-93	URANIUM-233,-234	1.4260	PCI/G	.388		0.0883	A	1.22	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	URANIUM-233,-234	2.7000	PCI/G	.65	B	0.0180	V	1.22	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	URANIUM-233,-234	1.5090	PCI/G	.329		0.0644	A	1.22	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	URANIUM-233,-234	1.5000	PCI/G	.33		0.0110	A	1.22	0.000	0.167
43493	SS40086AE	SS	REAL	21-APR-93	URANIUM-233,-234	1.5200	PCI/G	.352		0.0723	A	1.22	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
43793	SS40088AE	SS	REAL	12-FEB-93	URANIUM-233,-234	6.1000	PCI/G	1.6	B	0.0370	A	1.22	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	URANIUM-233,-234	2.1000	PCI/G	.48	B	0.0520	V	1.22	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	URANIUM-233,-234	2.9000	PCI/G	.7	B	0.0610	V	1.22	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	URANIUM-233,-234	2.4000	PCI/G	.47	B	0.0120	A	1.22	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	URANIUM-233,-234	6.6000	PCI/G	.97	B	0.0280	V	1.22	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	URANIUM-233,-234	2.8720	PCI/G	.639		0.0756		1.22	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	URANIUM-233,-234	2.3000	PCI/G	0.44		0.1000	V	1.22	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	URANIUM-233,-234	14.0000	PCI/G	1.4		0.1000	V	1.22	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	URANIUM-233,-234	1.3000	PCI/G	0.25		0.0800	V	1.22	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	URANIUM-233,-234	1.8220	PCI/G	.37		0.0260	A	1.22	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	URANIUM-233,-234	1.7320	PCI/G	.418		0.0947		1.22	0.000	0.167
SS401393	SS40029AE	SS	REAL	29-DEC-92	URANIUM-233,-234	5.8220	PCI/G	.905		0.0584		1.22	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	URANIUM-233,-234	1.3270	PCI/G	.288		0.0455		1.22	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	URANIUM-233,-234	1.2840	PCI/G	.328		0.0537		1.22	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	URANIUM-233,-234	2.3120	PCI/G	.51		0.0806		1.22	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	URANIUM-233,-234	3.3100	PCI/G	.558		0.0522		1.22	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	URANIUM-233,-234	3.1650	PCI/G	.658		0.0821		1.22	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	URANIUM-233,-234	1.2470	PCI/G	.287		0.0210	A	1.22	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	URANIUM-233,-234	7.9000	PCI/G	.73	B	0.0060		1.22	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	URANIUM-233,-234	5.7000	PCI/G	0.65		0.1000	V	1.22	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	URANIUM-233,-234	41.0000	PCI/G	3.4	B	0.0190		1.22	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	URANIUM-233,-234	5.0000	PCI/G	.41	B	0.0210		1.22	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	URANIUM-233,-234	2.1000	PCI/G	.25	B	0.0130		1.22	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	URANIUM-233,-234	3.3000	PCI/G	.37	B	0.0060		1.22	0.000	0.167
40093	SS40060AE	SS	REAL	13-JAN-93	URANIUM-235	0.0998	PCI/G	.0668		0.0190	A	0.09	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	URANIUM-235	0.1800	PCI/G	.09	J	0.0130	A	0.09	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	URANIUM-235	0.1300	PCI/G	.084	J	0.0290	A	0.09	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	URANIUM-235	0.2500	PCI/G	.15	J	0.0170	A	0.09	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	URANIUM-235	0.1163	PCI/G	.0805		0.0536	A	0.09	0.000	0.167
42293	SS40078AE	SS	REAL	15-APR-93	URANIUM-235	0.1241	PCI/G	.0979		0.0739	A	0.09	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	URANIUM-235	0.1100	PCI/G	.093	J	0.1000	V	0.09	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	URANIUM-235	0.5300	PCI/G	.33		0.0370	A	0.09	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	URANIUM-235	0.2100	PCI/G	.13	J	0.0460	V	0.09	0.000	0.167
43993	SS40091AE	SS	REAL	04-FEB-93	URANIUM-235	0.1200	PCI/G	.13	J	0.0260	V	0.09	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	URANIUM-235	0.5100	PCI/G	.23	B	0.0200	V	0.09	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	URANIUM-235	0.1800	PCI/G	.1	J	0.0200	A	0.09	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	URANIUM-235	0.1900	PCI/G	.1	BJ	0.0100	V	0.09	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	URANIUM-235	0.0927	PCI/G	.0842		0.0502		0.09	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	URANIUM-235	0.1400	PCI/G	0.095	J	0.1000	V	0.09	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	URANIUM-235	0.7500	PCI/G	0.19		0.0800	V	0.09	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	URANIUM-235	0.0979	PCI/G	.0911	J	0.1168		0.09	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	URANIUM-235	0.1145	PCI/G	.0843		0.0595		0.09	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	URANIUM-235	0.1330	PCI/G	.0761		0.0378		0.09	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	URANIUM-235	0.1309	PCI/G	.0975		0.0739		0.09	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	URANIUM-235	0.4900	PCI/G	.1		0.0240		0.09	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	URANIUM-235	0.3000	PCI/G	0.12		0.0800	V	0.09	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	URANIUM-235	2.3000	PCI/G	.28		0.0060		0.09	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	URANIUM-235	0.1800	PCI/G	.046	J	0.0040		0.09	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	URANIUM-235	0.1700	PCI/G	.058	J	0.0060		0.09	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	URANIUM-238	1.9000	PCI/G	.36	B	0.0430	A	1.27	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	URANIUM-238	1.6000	PCI/G	.43	B	0.0170	A	1.27	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	URANIUM-238	2.6000	PCI/G	.6	B	0.0290	A	1.27	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	URANIUM-238	2.2680	PCI/G	.464		0.0692	A	1.27	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	URANIUM-238	1.3000	PCI/G	.45	B	0.0780	V	1.27	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	URANIUM-238	1.7970	PCI/G	.371		0.0625	A	1.27	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	URANIUM-238	1.4000	PCI/G	.32	B	0.0190	A	1.27	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
43793	SS40088AE	SS	REAL	12-FEB-93	URANIUM-238	5.0000	PCI/G	1.4	B	0.0620	A	1.27	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	URANIUM-238	5.2000	PCI/G	.95	B	0.0250	V	1.27	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	URANIUM-238	1.9000	PCI/G	.53	B	0.0200	V	1.27	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	URANIUM-238	2.3000	PCI/G	.47		0.0120	A	1.27	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	URANIUM-238	4.1000	PCI/G	.67	B	0.0100	V	1.27	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	URANIUM-238	1.4730	PCI/G	.402		0.0976		1.27	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	URANIUM-238	2.2000	PCI/G	0.41		0.1000	V	1.27	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	URANIUM-238	8.4000	PCI/G	0.89		0.1000	V	1.27	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	URANIUM-238	1.3000	PCI/G	0.23		0.0700	V	1.27	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	URANIUM-238	1.2760	PCI/G	.29		0.0150	A	1.27	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	URANIUM-238	1.4290	PCI/G	.368		0.1168		1.27	0.000	0.167
SS401393	SS40029AE	SS	REAL	29-DEC-92	URANIUM-238	3.5740	PCI/G	.608		0.0408		1.27	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	URANIUM-238	1.3390	PCI/G	.29		0.0381		1.27	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	URANIUM-238	2.5170	PCI/G	.453		0.0542		1.27	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	URANIUM-238	1.4290	PCI/G	.376		0.0783		1.27	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	URANIUM-238	1.3250	PCI/G	.298		0.0260	A	1.27	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	URANIUM-238	6.3000	PCI/G	.61	B	0.0060		1.27	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	URANIUM-238	4.7000	PCI/G	0.56		0.0900	V	1.27	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	URANIUM-238	1.5000	PCI/G	0.35		0.1000	V	1.27	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	URANIUM-238	27.0000	PCI/G	2.3	B	0.0140		1.27	0.000	0.167
SS403193	SS40047AE	SS	REAL	20-MAY-93	URANIUM-238	3.3000	PCI/G	.29	B	0.0240		1.27	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	URANIUM-238	2.0000	PCI/G	.24	B	0.0050		1.27	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	URANIUM-238	2.3000	PCI/G	.29	B	0.0150		1.27	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	URANIUM-238	1.5000	PCI/G	.23	B	0.0160		1.27	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	URANIUM-238	1.3000	PCI/G	.2	B	0.0060		1.27	0.000	0.167

Appendix II.Z-1
Phase I Data - Subgrade - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41593	SS40073AE	SS	REAL	06-APR-93	AMERICIUM-241	3.3000	PCI/G	.37		0.0050	V	0.027	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	AMERICIUM-241	0.0652	PCI/G	.0283		0.0000	A	0.027	0.333	0.500
42493	SS40083AE	SS	REAL	08-MAR-93	AMERICIUM-241	4.9000	PCI/G	.8		0.0480	V	0.027	0.417	0.583
42593	SS40082AE	SS	REAL	09-MAR-93	AMERICIUM-241	0.1510	PCI/G	.049		0.0000	A	0.027	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	AMERICIUM-241	2.1700	PCI/G	.48		0.0000	A	0.027	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	AMERICIUM-241	2.7830	PCI/G	.304		0.0053	Y	0.027	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	AMERICIUM-241	44.6800	PCI/G	4.97		0.0043	Y	0.027	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	AMERICIUM-241	11.6900	PCI/G	1.32		0.0087	Y	0.027	0.333	0.500
46893	SS40143AE	SS	REAL	18-NOV-93	AMERICIUM-241	0.0697	PCI/G	.0166		0.0057	V	0.027	0.300	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	AMERICIUM-241	0.0286	PCI/G	.0123		0.0034	V	0.027	0.833	1.333
41593	SS40073AE	SS	REAL	06-APR-93	CESIUM-134	0.0000	PCI/G			0.1100	Z	ND	0.333	0.500
42493	SS40083AE	SS	REAL	08-MAR-93	CESIUM-134	0.0000	PCI/G			0.1300	Z	ND	0.417	0.583
46593	SS40140AE	SS	REAL	02-NOV-93	CESIUM-134	-0.0155	PCI/G	.0146	J	2.2780	Y	ND	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	CESIUM-134	-0.0023	PCI/G	.015	J	2.4160	Y	ND	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	CESIUM-134	0.0016	PCI/G	.0131	J	2.1310	Y	ND	0.333	0.500
46893	SS40143AE	SS	REAL	18-NOV-93	CESIUM-134	-0.0200	PCI/G	.0139	J	0.0216	V	ND	0.300	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	CESIUM-134	-0.0027	PCI/G	.0124	J	0.0210	V	ND	0.833	1.333
47093	SS40145AE	SS	REAL	17-NOV-93	CESIUM-134	0.0082	PCI/G	.0132	J	0.0222	V	ND	0.042	0.058
41593	SS40073AE	SS	REAL	06-APR-93	GROSS ALPHA	75.0000	PCI/G	6.3		3.1000	A	22.9	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	GROSS ALPHA	24.6000	PCI/G	6.6		3.9000	A	22.9	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	GROSS ALPHA	39.6000	PCI/G	9.5		3.9000	A	22.9	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	GROSS ALPHA	29.5700	PCI/G	6.23		2.8422	Y	22.9	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	GROSS ALPHA	67.3900	PCI/G	10.7		2.3724	Y	22.9	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	GROSS ALPHA	34.7200	PCI/G	6.92		3.1619	Y	22.9	0.333	0.500
41593	SS40073AE	SS	REAL	06-APR-93	PLUTONIUM-239/240	14.0000	PCI/G	1.9		0.0070	V	0.062	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	PLUTONIUM-239/240	0.2800	PCI/G	.078		0.0000	A	0.062	0.333	0.500
42593	SS40082AE	SS	REAL	09-MAR-93	PLUTONIUM-239/240	2.5500	PCI/G	.57		0.0000	A	0.062	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	PLUTONIUM-239/240	4.5500	PCI/G	1.02		0.0110	A	0.062	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	PLUTONIUM-239/240	19.7800	PCI/G	2.25		0.0062	Y	0.062	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	PLUTONIUM-239/240	8.5370	PCI/G	.847		0.0077	Y	0.062	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	PLUTONIUM-239/240	12.8700	PCI/G	1.39		0.0128	Y	0.062	0.333	0.500
46893	SS40143AE	SS	REAL	18-NOV-93	PLUTONIUM-239/240	0.1876	PCI/G	.0326		0.0027	A	0.062	0.300	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	PLUTONIUM-239/240	0.2787	PCI/G	.0462		0.0033	V	0.062	0.833	1.333
41593	SS40073AE	SS	REAL	06-APR-93	TRITIUM	13000.0000	PCI/L	740		510.0000	A	ND	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	TRITIUM	50300.0000	PCI/L	5900		2600.0000	JA	ND	0.333	0.500
42493	SS40083AE	SS	REAL	08-MAR-93	TRITIUM	2400.0000	PCI/L	330	B	360.0000	A	ND	0.417	0.583
42593	SS40082AE	SS	REAL	09-MAR-93	TRITIUM	13300.0000	PCI/L	1500		430.0000	JA	ND	0.333	0.500
43393	SS40087AE	SS	REAL	09-MAR-93	TRITIUM	46400.0000	PCI/L	5400		2040.0000	JA	ND	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	TRITIUM	5630.0000	PCI/L	830		730.0000	JA	ND	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	TRITIUM	32470.0000	PCI/L	2520		235.8000	Y	ND	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	TRITIUM	49120.0000	PCI/L	3730		235.8000	Y	ND	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	TRITIUM	25690.0000	PCI/L	2020		235.8000	Y	ND	0.333	0.500
46893	SS40143AE	SS	REAL	18-NOV-93	TRITIUM	4103.0000	PCI/L	494		273.0000	V	ND	0.300	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	TRITIUM	15500.0000	PCI/L	1290	X	240.0000	V	ND	0.833	1.333
47093	SS40145AE	SS	REAL	17-NOV-93	TRITIUM	2044.0000	PCI/L	330		253.4000	V	ND	0.042	0.058
41593	SS40073AE	SS	REAL	06-APR-93	URANIUM-233,-234	11.0000	PCI/G	1.7	B	0.0140	A	1.22	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	URANIUM-233,-234	3.9300	PCI/G	.87		0.0180	V	1.22	0.333	0.500
42593	SS40082AE	SS	REAL	09-MAR-93	URANIUM-233,-234	5.2100	PCI/G	1.2		0.0410	V	1.22	0.333	0.500
43393	SS40087AE	SS	REAL	09-MAR-93	URANIUM-233,-234	1.9500	PCI/G	.47		0.0270	V	1.22	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	URANIUM-233,-234	2.1400	PCI/G	.52		0.0200	V	1.22	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	URANIUM-233,-234	14.1700	PCI/G	2.52		0.0977	Y	1.22	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	URANIUM-233,-234	63.4000	PCI/G	10.4		0.1085	Y	1.22	0.333	0.500

Appendix II.Z-1
Phase I Data - Subgrade - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
46793	SS40142AE	SS	REAL	03-NOV-93	URANIUM-233,-234	11.6600	PCI/G	2		0.0749	Y	1.22	0.333	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	URANIUM-233,-234	11.7800	PCI/G	2.02		0.1002	V	1.22	0.833	1.333
41593	SS40073AE	SS	REAL	06-APR-93	URANIUM-235	0.2900	PCI/G	.14	J	0.0230	A	0.09	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	URANIUM-235	0.1650	PCI/G	.069		0.0000	V	0.09	0.333	0.500
42593	SS40082AE	SS	REAL	09-MAR-93	URANIUM-235	0.2190	PCI/G	.105		0.0000	V	0.09	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	URANIUM-235	0.4828	PCI/G	.216		0.0774	Y	0.09	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	URANIUM-235	1.6890	PCI/G	.46		0.0757	Y	0.09	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	URANIUM-235	0.3833	PCI/G	.178		0.0749	Y	0.09	0.333	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	URANIUM-235	0.3993	PCI/G	.183		0.0855	V	0.09	0.833	1.333
41593	SS40073AE	SS	REAL	06-APR-93	URANIUM-238	7.0000	PCI/G	1.2	B	0.0140	A	1.27	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	URANIUM-238	2.7100	PCI/G	.61		0.0180	V	1.27	0.333	0.500
42593	SS40082AE	SS	REAL	09-MAR-93	URANIUM-238	2.9500	PCI/G	.71		0.0000	V	1.27	0.333	0.500
43393	SS40087AE	SS	REAL	09-MAR-93	URANIUM-238	1.4200	PCI/G	.36		0.0180	V	1.27	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	URANIUM-238	2.2100	PCI/G	.53		0.0200	V	1.27	0.333	0.500
46593	SS40140AE	SS	REAL	02-NOV-93	URANIUM-238	6.6290	PCI/G	1.3		0.0977	Y	1.27	0.583	0.667
46693	SS40141AE	SS	REAL	03-NOV-93	URANIUM-238	25.4700	PCI/G	4.31		0.0903	Y	1.27	0.333	0.500
46793	SS40142AE	SS	REAL	03-NOV-93	URANIUM-238	5.9160	PCI/G	1.12		0.0853	Y	1.27	0.333	0.500
46993	SS40144AE	SS	REAL	22-NOV-93	URANIUM-238	9.9980	PCI/G	1.74		0.0807	V	1.27	0.833	1.333

Appendix II.2-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
40693	SS40057AE	SS	REAL	25-FEB-93	BENZO(a)ANTHRACENE	450.0000	UG/KG		J	600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	BENZO(a)ANTHRACENE	460.0000	UG/KG		J	600.0000	A	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BENZO(a)ANTHRACENE	490.0000	UG/KG		J	590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BENZO(a)ANTHRACENE	520.0000	UG/KG		J	590.0000	A	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BENZO(a)ANTHRACENE	320.0000	UG/KG		J	390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BENZO(a)ANTHRACENE	320.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	BENZO(a)ANTHRACENE	150.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	BENZO(a)ANTHRACENE	170.0000	UG/KG		J	740.0000		ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	BENZO(a)ANTHRACENE	180.0000	UG/KG		J	740.0000	A	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	BENZO(a)ANTHRACENE	66.0000	UG/KG		J	450.0000	A	ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	BENZO(a)ANTHRACENE	81.0000	UG/KG		J	390.0000		ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	BENZO(a)ANTHRACENE	79.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BENZO(a)ANTHRACENE	103.0000	UG/KG		J	400.0000		ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BENZO(a)ANTHRACENE	102.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	BENZO(a)ANTHRACENE	110.0000	UG/KG		J	400.0000		ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	BENZO(a)ANTHRACENE	120.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	BENZO(a)ANTHRACENE	210.0000	UG/KG		J	360.0000		ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	BENZO(a)ANTHRACENE	210.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	BENZO(a)ANTHRACENE	63.0000	UG/KG		J	520.0000		ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	BENZO(a)ANTHRACENE	63.0000	UG/KG		J	520.0000	A	ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BENZO(a)ANTHRACENE	56.0000	UG/KG		J	370.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BENZO(a)ANTHRACENE	54.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	BENZO(a)ANTHRACENE	56.0000	UG/KG		J	360.0000		ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	BENZO(a)ANTHRACENE	53.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	BENZO(a)ANTHRACENE	1100.0000	UG/KG			420.0000		ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	BENZO(a)ANTHRACENE	1100.0000	UG/KG			420.0000	JA	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BENZO(a)ANTHRACENE	68.0000	UG/KG		J	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BENZO(a)ANTHRACENE	69.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	BENZO(a)ANTHRACENE	57.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	BENZO(a)ANTHRACENE	110.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	BENZO(a)ANTHRACENE	53.0000	UG/KG		J	400.0000		ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	BENZO(a)ANTHRACENE	51.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BENZO(a)ANTHRACENE	67.0000	UG/KG		J	380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BENZO(a)ANTHRACENE	68.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	BENZO(a)ANTHRACENE	210.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	BENZO(a)ANTHRACENE	490.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	BENZO(a)ANTHRACENE	80.0000	UG/KG		J	420.0000	A	ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	BENZO(a)ANTHRACENE	140.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	BENZO(a)ANTHRACENE	170.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	BENZO(a)ANTHRACENE	840.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	BENZO(a)ANTHRACENE	51.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	BENZO(a)ANTHRACENE	86.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	BENZO(a)ANTHRACENE	46.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	BENZO(a)ANTHRACENE	1900.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	BENZO(a)ANTHRACENE	103.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	BENZO(a)ANTHRACENE	56.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	BENZO(a)ANTHRACENE	330.0000	UG/KG		J	430.0000	A	ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	BENZO(a)ANTHRACENE	94.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	BENZO(a)ANTHRACENE	410.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	BENZO(a)ANTHRACENE	120.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	BENZO(a)ANTHRACENE	140.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	BENZO(a)ANTHRACENE	38.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	BENZO(a)ANTHRACENE	850.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	BENZO(a)ANTHRACENE	59.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	BENZO(a)ANTHRACENE	130.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	BENZO(a)ANTHRACENE	40.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	BENZO(a)ANTHRACENE	170.0000	UG/KG		J	380.0000	A	ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt limit	Val	Background	From	To
SS402793	SS40043AE	SS	REAL	20-MAY-93	BENZO(a)ANTHRACENE	420.0000	UG/KG			370.0000	V	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BENZO(a)ANTHRACENE	110.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BENZO(a)ANTHRACENE	87.0000	UG/KG		J	350.0000	Z	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BENZO(a)ANTHRACENE	160.0000	UG/KG		J	700.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BENZO(a)ANTHRACENE	130.0000	UG/KG		J	1400.0000	Z	ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	BENZO(a)ANTHRACENE	100.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	BENZO(a)ANTHRACENE	160.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	BENZO(a)PYRENE	560.0000	UG/KG		J	600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	BENZO(a)PYRENE	550.0000	UG/KG		J	600.0000	A	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BENZO(a)PYRENE	630.0000	UG/KG			590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BENZO(a)PYRENE	590.0000	UG/KG			590.0000	JA	ND	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	BENZO(a)PYRENE	88.0000	UG/KG		J	330.0000	A	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BENZO(a)PYRENE	380.0000	UG/KG		J	390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BENZO(a)PYRENE	360.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	BENZO(a)PYRENE	180.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	BENZO(a)PYRENE	250.0000	UG/KG		J	740.0000		ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	BENZO(a)PYRENE	230.0000	UG/KG		J	740.0000	A	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	BENZO(a)PYRENE	67.0000	UG/KG		J	450.0000	A	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BENZO(a)PYRENE	130.0000	UG/KG		J	400.0000		ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BENZO(a)PYRENE	130.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	BENZO(a)PYRENE	140.0000	UG/KG		J	400.0000		ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	BENZO(a)PYRENE	140.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	BENZO(a)PYRENE	240.0000	UG/KG		J	360.0000		ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	BENZO(a)PYRENE	240.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	BENZO(a)PYRENE	72.0000	UG/KG		J	520.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BENZO(a)PYRENE	62.0000	UG/KG		J	370.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BENZO(a)PYRENE	60.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	BENZO(a)PYRENE	990.0000	UG/KG			420.0000		ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	BENZO(a)PYRENE	1000.0000	UG/KG			420.0000	JA	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BENZO(a)PYRENE	82.0000	UG/KG		J	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BENZO(a)PYRENE	86.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	BENZO(a)PYRENE	57.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BENZO(a)PYRENE	84.0000	UG/KG		J	380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BENZO(a)PYRENE	72.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	BENZO(a)PYRENE	200.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	BENZO(a)PYRENE	530.0000	UG/KG			500.0000	V	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	BENZO(a)PYRENE	87.0000	UG/KG		J	420.0000	A	ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	BENZO(a)PYRENE	170.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	BENZO(a)PYRENE	230.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	BENZO(a)PYRENE	900.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	BENZO(a)PYRENE	65.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	BENZO(a)PYRENE	45.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	BENZO(a)PYRENE	78.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	BENZO(a)PYRENE	63.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	BENZO(a)PYRENE	2100.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	BENZO(a)PYRENE	110.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	BENZO(a)PYRENE	56.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	BENZO(a)PYRENE	350.0000	UG/KG		J	430.0000	A	ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	BENZO(a)PYRENE	102.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	BENZO(a)PYRENE	470.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	BENZO(a)PYRENE	150.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	BENZO(a)PYRENE	160.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	BENZO(a)PYRENE	48.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	BENZO(a)PYRENE	980.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	BENZO(a)PYRENE	120.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	BENZO(a)PYRENE	140.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	BENZO(a)PYRENE	48.0000	UG/KG		J	440.0000	A	ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SS402693	SS40199AE	SS	REAL	04-JAN-93	BENZO(a)PYRENE	210.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	BENZO(a)PYRENE	470.0000	UG/KG			370.0000	V	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BENZO(a)PYRENE	130.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BENZO(a)PYRENE	130.0000	UG/KG		J	350.0000	Z	ND	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	BENZO(a)PYRENE	36.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BENZO(a)PYRENE	180.0000	UG/KG		J	700.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BENZO(a)PYRENE	150.0000	UG/KG		J	1400.0000	Z	ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	BENZO(a)PYRENE	110.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	BENZO(a)PYRENE	200.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
40393	SS40053AE	SS	REAL	28-JAN-93	BENZO(b)FLUORANTHENE	70.0000	UG/KG		JX	440.0000	A	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	BENZO(b)FLUORANTHENE	870.0000	UG/KG		X	600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	BENZO(b)FLUORANTHENE	890.0000	UG/KG		X	600.0000	JA	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BENZO(b)FLUORANTHENE	940.0000	UG/KG		X	590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BENZO(b)FLUORANTHENE	910.0000	UG/KG		X	590.0000	JA	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BENZO(b)FLUORANTHENE	580.0000	UG/KG		X	390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BENZO(b)FLUORANTHENE	570.0000	UG/KG		X	390.0000	JA	ND	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	BENZO(b)FLUORANTHENE	270.0000	UG/KG		JX	500.0000	A	ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	BENZO(b)FLUORANTHENE	400.0000	UG/KG		JX	740.0000		ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	BENZO(b)FLUORANTHENE	370.0000	UG/KG		JX	740.0000	A	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	BENZO(b)FLUORANTHENE	110.0000	UG/KG		JX	450.0000	A	ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	BENZO(b)FLUORANTHENE	180.0000	UG/KG		JX	390.0000		ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	BENZO(b)FLUORANTHENE	180.0000	UG/KG		JX	390.0000	A	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BENZO(b)FLUORANTHENE	190.0000	UG/KG		JX	400.0000		ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BENZO(b)FLUORANTHENE	200.0000	UG/KG		JX	400.0000	A	ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	BENZO(b)FLUORANTHENE	190.0000	UG/KG		JX	400.0000		ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	BENZO(b)FLUORANTHENE	240.0000	UG/KG		JX	400.0000	A	ND	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	BENZO(b)FLUORANTHENE	40.0000	UG/KG		JX	350.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	BENZO(b)FLUORANTHENE	360.0000	UG/KG		JX	360.0000		ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	BENZO(b)FLUORANTHENE	370.0000	UG/KG		X	360.0000	JA	ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	BENZO(b)FLUORANTHENE	120.0000	UG/KG		JX	520.0000		ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	BENZO(b)FLUORANTHENE	130.0000	UG/KG		JX	520.0000	A	ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BENZO(b)FLUORANTHENE	95.0000	UG/KG		JX	370.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BENZO(b)FLUORANTHENE	100.0000	UG/KG		JX	370.0000	A	ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	BENZO(b)FLUORANTHENE	110.0000	UG/KG		JX	360.0000		ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	BENZO(b)FLUORANTHENE	100.0000	UG/KG		JX	360.0000	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	BENZO(b)FLUORANTHENE	1800.0000	UG/KG		X	420.0000		ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	BENZO(b)FLUORANTHENE	1800.0000	UG/KG		X	420.0000	JA	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BENZO(b)FLUORANTHENE	140.0000	UG/KG		JX	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BENZO(b)FLUORANTHENE	150.0000	UG/KG		JX	350.0000	A	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	BENZO(b)FLUORANTHENE	100.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	BENZO(b)FLUORANTHENE	230.0000	UG/KG		JX	400.0000	A	ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	BENZO(b)FLUORANTHENE	85.0000	UG/KG		JX	400.0000	A	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BENZO(b)FLUORANTHENE	120.0000	UG/KG		JX	380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BENZO(b)FLUORANTHENE	110.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	BENZO(b)FLUORANTHENE	51.0000	UG/KG		JX	440.0000		ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	BENZO(b)FLUORANTHENE	60.0000	UG/KG		JX	440.0000	A	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	BENZO(b)FLUORANTHENE	290.0000	UG/KG		JX	480.0000	A	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	BENZO(b)FLUORANTHENE	840.0000	UG/KG		X	500.0000	JA	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	BENZO(b)FLUORANTHENE	140.0000	UG/KG		JX	420.0000	A	ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	BENZO(b)FLUORANTHENE	280.0000	UG/KG		JX	460.0000	A	ND	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	BENZO(b)FLUORANTHENE	350.0000	UG/KG		X	350.0000	JA	ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	BENZO(b)FLUORANTHENE	1400.0000	UG/KG		X	380.0000	JA	ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	BENZO(b)FLUORANTHENE	64.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	BENZO(b)FLUORANTHENE	64.0000	UG/KG		JX	360.0000	A	ND	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	BENZO(b)FLUORANTHENE	120.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	BENZO(b)FLUORANTHENE	94.0000	UG/KG		JX	460.0000	A	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	BENZO(b)FLUORANTHENE	3300.0000	UG/KG		X	380.0000	JA	ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SS401093	SS40026AE	SS	REAL	29-DEC-92	BENZO(b)FLUORANTHENE	170.0000	UG/KG		JX	360.0000	A	ND	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	BENZO(b)FLUORANTHENE	76.0000	UG/KG		JX	480.0000	A	ND	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	BENZO(b)FLUORANTHENE	96.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	BENZO(b)FLUORANTHENE	530.0000	UG/KG		X	430.0000	JA	ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	BENZO(b)FLUORANTHENE	190.0000	UG/KG		JX	360.0000	A	ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	BENZO(b)FLUORANTHENE	750.0000	UG/KG		X	390.0000	JA	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	BENZO(b)FLUORANTHENE	270.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	BENZO(b)FLUORANTHENE	260.0000	UG/KG		JX	400.0000	A	ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	BENZO(b)FLUORANTHENE	71.0000	UG/KG		JX	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	BENZO(b)FLUORANTHENE	1700.0000	UG/KG		X	390.0000	JA	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	BENZO(b)FLUORANTHENE	94.0000	UG/KG		JX	350.0000	A	ND	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	BENZO(b)FLUORANTHENE	210.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	BENZO(b)FLUORANTHENE	69.0000	UG/KG		JX	440.0000	A	ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	BENZO(b)FLUORANTHENE	340.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	BENZO(b)FLUORANTHENE	540.0000	UG/KG			370.0000	V	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BENZO(b)FLUORANTHENE	140.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BENZO(b)FLUORANTHENE	150.0000	UG/KG		J	350.0000	Z	ND	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	BENZO(b)FLUORANTHENE	32.0000	UG/KG		JX	340.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BENZO(b)FLUORANTHENE	160.0000	UG/KG		J	700.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BENZO(b)FLUORANTHENE	210.0000	UG/KG		JX	1400.0000	Z	ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	BENZO(b)FLUORANTHENE	100.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	BENZO(b)FLUORANTHENE	90.0000	UG/KG		JX	630.0000	A	ND	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	BENZO(b)FLUORANTHENE	52.0000	UG/KG		JX	420.0000	A	ND	0.000	0.167
SS403593	SS40051AE	SS	REAL	17-MAY-93	BENZO(b)FLUORANTHENE	43.0000	UG/KG		JX	390.0000	A	ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	BENZO(b)FLUORANTHENE	210.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	BENZO(ghi)PERYLENE	460.0000	UG/KG		J	600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	BENZO(ghi)PERYLENE	410.0000	UG/KG		J	600.0000	A	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BENZO(ghi)PERYLENE	460.0000	UG/KG		J	590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BENZO(ghi)PERYLENE	400.0000	UG/KG		J	590.0000	A	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BENZO(ghi)PERYLENE	250.0000	UG/KG		J	390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BENZO(ghi)PERYLENE	260.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	BENZO(ghi)PERYLENE	120.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	BENZO(ghi)PERYLENE	55.0000	UG/KG		J	450.0000	A	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BENZO(ghi)PERYLENE	110.0000	UG/KG		J	400.0000		ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BENZO(ghi)PERYLENE	110.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	BENZO(ghi)PERYLENE	103.0000	UG/KG		J	400.0000		ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	BENZO(ghi)PERYLENE	82.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	BENZO(ghi)PERYLENE	220.0000	UG/KG		J	360.0000		ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	BENZO(ghi)PERYLENE	200.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BENZO(ghi)PERYLENE	59.0000	UG/KG		J	370.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BENZO(ghi)PERYLENE	55.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	BENZO(ghi)PERYLENE	570.0000	UG/KG			420.0000		ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	BENZO(ghi)PERYLENE	520.0000	UG/KG			420.0000	JA	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BENZO(ghi)PERYLENE	86.0000	UG/KG		J	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BENZO(ghi)PERYLENE	71.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	BENZO(ghi)PERYLENE	54.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	BENZO(ghi)PERYLENE	87.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BENZO(ghi)PERYLENE	81.0000	UG/KG		J	380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BENZO(ghi)PERYLENE	81.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	BENZO(ghi)PERYLENE	160.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	BENZO(ghi)PERYLENE	110.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	BENZO(ghi)PERYLENE	210.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	BENZO(ghi)PERYLENE	590.0000	UG/KG			380.0000	JA	ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	BENZO(ghi)PERYLENE	70.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	BENZO(ghi)PERYLENE	45.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	BENZO(ghi)PERYLENE	58.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	BENZO(ghi)PERYLENE	1300.0000	UG/KG			380.0000	JA	ND	0.000	0.167

Appendix II.2-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SS401093	SS40026AE	SS	REAL	29-DEC-92	BENZO(ghi)PERYLENE	69.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	BENZO(ghi)PERYLENE	240.0000	UG/KG		J	430.0000	A	ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	BENZO(ghi)PERYLENE	80.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	BENZO(ghi)PERYLENE	300.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	BENZO(ghi)PERYLENE	130.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	BENZO(ghi)PERYLENE	110.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	BENZO(ghi)PERYLENE	900.0000	UG/KG			390.0000	JA	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	BENZO(ghi)PERYLENE	15.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	BENZO(ghi)PERYLENE	76.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	BENZO(ghi)PERYLENE	180.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	BENZO(ghi)PERYLENE	330.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BENZO(ghi)PERYLENE	140.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BENZO(ghi)PERYLENE	96.0000	UG/KG		J	350.0000	Z	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BENZO(ghi)PERYLENE	130.0000	UG/KG		J	700.0000	A	ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	BENZO(ghi)PERYLENE	84.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	BENZO(ghi)PERYLENE	170.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
40393	SS40053AE	SS	REAL	28-JAN-93	BENZO(k)FLUORANTHENE	85.0000	UG/KG		JX	440.0000	A	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	BENZO(k)FLUORANTHENE	1100.0000	UG/KG		X	600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	BENZO(k)FLUORANTHENE	1100.0000	UG/KG		X	600.0000	JA	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BENZO(k)FLUORANTHENE	1200.0000	UG/KG		X	590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BENZO(k)FLUORANTHENE	1100.0000	UG/KG		X	590.0000	JA	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BENZO(k)FLUORANTHENE	720.0000	UG/KG		X	390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BENZO(k)FLUORANTHENE	700.0000	UG/KG		X	390.0000	JA	ND	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	BENZO(k)FLUORANTHENE	330.0000	UG/KG		JX	500.0000	A	ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	BENZO(k)FLUORANTHENE	490.0000	UG/KG		JX	740.0000		ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	BENZO(k)FLUORANTHENE	460.0000	UG/KG		JX	740.0000	A	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	BENZO(k)FLUORANTHENE	140.0000	UG/KG		JX	450.0000	A	ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	BENZO(k)FLUORANTHENE	180.0000	UG/KG		JX	390.0000		ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	BENZO(k)FLUORANTHENE	220.0000	UG/KG		JX	390.0000	A	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BENZO(k)FLUORANTHENE	280.0000	UG/KG		JX	400.0000		ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BENZO(k)FLUORANTHENE	300.0000	UG/KG		JX	400.0000	A	ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	BENZO(k)FLUORANTHENE	280.0000	UG/KG		JX	400.0000		ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	BENZO(k)FLUORANTHENE	360.0000	UG/KG		JX	400.0000	A	ND	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	BENZO(k)FLUORANTHENE	59.0000	UG/KG		JX	350.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	BENZO(k)FLUORANTHENE	440.0000	UG/KG		X	360.0000		ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	BENZO(k)FLUORANTHENE	450.0000	UG/KG		X	360.0000	JA	ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	BENZO(k)FLUORANTHENE	150.0000	UG/KG		JX	520.0000		ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	BENZO(k)FLUORANTHENE	150.0000	UG/KG		JX	520.0000	A	ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BENZO(k)FLUORANTHENE	140.0000	UG/KG		JX	370.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BENZO(k)FLUORANTHENE	150.0000	UG/KG		JX	370.0000	A	ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	BENZO(k)FLUORANTHENE	100.0000	UG/KG		JX	360.0000		ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	BENZO(k)FLUORANTHENE	120.0000	UG/KG		JX	360.0000	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	BENZO(k)FLUORANTHENE	1700.0000	UG/KG		X	420.0000		ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	BENZO(k)FLUORANTHENE	2200.0000	UG/KG		X	420.0000	JA	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BENZO(k)FLUORANTHENE	180.0000	UG/KG		JX	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BENZO(k)FLUORANTHENE	190.0000	UG/KG		JX	350.0000	A	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	BENZO(k)FLUORANTHENE	130.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	BENZO(k)FLUORANTHENE	220.0000	UG/KG		JX	400.0000	A	ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	BENZO(k)FLUORANTHENE	100.0000	UG/KG		JX	400.0000	A	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BENZO(k)FLUORANTHENE	180.0000	UG/KG		JX	380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BENZO(k)FLUORANTHENE	160.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	BENZO(k)FLUORANTHENE	75.0000	UG/KG		JX	440.0000		ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	BENZO(k)FLUORANTHENE	89.0000	UG/KG		JX	440.0000	A	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	BENZO(k)FLUORANTHENE	340.0000	UG/KG		JX	480.0000	A	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	BENZO(k)FLUORANTHENE	970.0000	UG/KG		X	500.0000	JA	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	BENZO(k)FLUORANTHENE	170.0000	UG/KG		JX	420.0000	A	ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	BENZO(k)FLUORANTHENE	330.0000	UG/KG		JX	460.0000	R	ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SS400393	SS40019AE	SS	REAL	27-MAY-93	BENZO(k)FLUORANTHENE	430.0000	UG/KG		X	350.0000	JA	ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	BENZO(k)FLUORANTHENE	1500.0000	UG/KG		X	380.0000	JA	ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	BENZO(k)FLUORANTHENE	42.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	BENZO(k)FLUORANTHENE	78.0000	UG/KG		JX	360.0000	A	ND	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	BENZO(k)FLUORANTHENE	130.0000	UG/KG		JX	380.0000	R	ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	BENZO(k)FLUORANTHENE	110.0000	UG/KG		JX	460.0000	A	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	BENZO(k)FLUORANTHENE	3700.0000	UG/KG		X	380.0000	JA	ND	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	BENZO(k)FLUORANTHENE	190.0000	UG/KG		JX	360.0000	R	ND	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	BENZO(k)FLUORANTHENE	86.0000	UG/KG		JX	480.0000	A	ND	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	BENZO(k)FLUORANTHENE	110.0000	UG/KG		JX	380.0000	R	ND	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	BENZO(k)FLUORANTHENE	630.0000	UG/KG		X	430.0000	R	ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	BENZO(k)FLUORANTHENE	210.0000	UG/KG		JX	360.0000	A	ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	BENZO(k)FLUORANTHENE	850.0000	UG/KG		X	390.0000	JA	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	BENZO(k)FLUORANTHENE	300.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	BENZO(k)FLUORANTHENE	300.0000	UG/KG		JX	400.0000	R	ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	BENZO(k)FLUORANTHENE	80.0000	UG/KG		JX	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	BENZO(k)FLUORANTHENE	1900.0000	UG/KG		X	390.0000	JA	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	BENZO(k)FLUORANTHENE	100.0000	UG/KG		JX	350.0000	R	ND	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	BENZO(k)FLUORANTHENE	240.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	BENZO(k)FLUORANTHENE	78.0000	UG/KG		JX	440.0000	A	ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	BENZO(k)FLUORANTHENE	380.0000	UG/KG		JX	380.0000	A	ND	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	BENZO(k)FLUORANTHENE	280.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BENZO(k)FLUORANTHENE	81.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BENZO(k)FLUORANTHENE	81.0000	UG/KG		J	350.0000	Z	ND	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	BENZO(k)FLUORANTHENE	32.0000	UG/KG		JX	340.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BENZO(k)FLUORANTHENE	110.0000	UG/KG		J	700.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BENZO(k)FLUORANTHENE	310.0000	UG/KG		JX	1400.0000	Z	ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	BENZO(k)FLUORANTHENE	75.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	BENZO(k)FLUORANTHENE	110.0000	UG/KG		JX	630.0000	A	ND	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	BENZO(k)FLUORANTHENE	62.0000	UG/KG		JX	420.0000	A	ND	0.000	0.167
SS403593	SS40051AE	SS	REAL	17-MAY-93	BENZO(k)FLUORANTHENE	50.0000	UG/KG		JX	390.0000	A	ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	BENZO(k)FLUORANTHENE	130.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
40193	SS40485AE	SS	REAL	05-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	1100.0000	UG/KG			460.0000	V	ND	0.000	0.167
40293	SS40042AE	SS	REAL	20-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	59.0000	UG/KG		J	450.0000	A	ND	0.000	0.167
40393	SS40053AE	SS	REAL	28-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	75.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	130.0000	UG/KG		J	600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	110.0000	UG/KG		J	600.0000	A	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	160.0000	UG/KG		J	590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	160.0000	UG/KG		J	590.0000	A	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	130.0000	UG/KG		J	390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	110.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	74.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	320.0000	UG/KG		J	740.0000		ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	260.0000	UG/KG		J	740.0000	A	ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	130.0000	UG/KG		J	390.0000		ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	130.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	4400.0000	UG/KG			400.0000		ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	4000.0000	UG/KG			400.0000	V	ND	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	200.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	82.0000	UG/KG		BJ	360.0000		ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	130.0000	UG/KG		J	520.0000		ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	130.0000	UG/KG		J	520.0000	A	ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	87.0000	UG/KG		J	370.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	81.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	1100.0000	UG/KG			360.0000		ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	1000.0000	UG/KG			360.0000	V	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	660.0000	UG/KG			420.0000		ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
43293	SS40006AE	SS	REAL	29-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	600.0000	UG/KG			420.0000	JA	ND	0.000	0.167
43493	SS40086AE	SS	REAL	21-APR-93	BIS(2-ETHYLHEXYL)PHTHALATE	42.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
43493	SS40086AE	SS	REAL	21-APR-93	BIS(2-ETHYLHEXYL)PHTHALATE	41.0000	UG/KG		J	380.0000	Z	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	101.0000	UG/KG		J	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	89.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	56.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	160.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
43993	SS40091AE	SS	REAL	04-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	44.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	66.0000	UG/KG		J	400.0000		ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	BIS(2-ETHYLHEXYL)PHTHALATE	69.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44193	SS40011AE	SS	REAL	18-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	2600.0000	UG/KG			360.0000	V	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	4100.0000	UG/KG			380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	3800.0000	UG/KG			380.0000	V	ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	3200.0000	UG/KG			440.0000		ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	3600.0000	UG/KG			440.0000	V	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	73.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	180.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	480.0000	UG/KG			420.0000	V	ND	0.000	0.167
SS400193	SS40017AE	SS	REAL	29-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	79.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	3300.0000	UG/KG			460.0000	V	ND	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	BIS(2-ETHYLHEXYL)PHTHALATE	44.0000	UG/KG		BJ	360.0000	Z	ND	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	66.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	43.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	68.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	68.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	42.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	270.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	740.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	540.0000	UG/KG			400.0000	V	ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	45.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	270.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	BIS(2-ETHYLHEXYL)PHTHALATE	43.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	BIS(2-ETHYLHEXYL)PHTHALATE	340.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	BIS(2-ETHYLHEXYL)PHTHALATE	140.0000	UG/KG		BJ	350.0000	Z	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BIS(2-ETHYLHEXYL)PHTHALATE	21000.0000	UG/KG		BE	700.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	BIS(2-ETHYLHEXYL)PHTHALATE	24000.0000	UG/KG		BE	1400.0000	Z	ND	0.000	0.167
SS403593	SS40051AE	SS	REAL	17-MAY-93	BIS(2-ETHYLHEXYL)PHTHALATE	44.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	BIS(2-ETHYLHEXYL)PHTHALATE	180.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	CHRYSENE	580.0000	UG/KG		J	600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	CHRYSENE	590.0000	UG/KG		J	600.0000	A	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	CHRYSENE	640.0000	UG/KG			590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	CHRYSENE	630.0000	UG/KG			590.0000	V	ND	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	CHRYSENE	96.0000	UG/KG		J	330.0000	A	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	CHRYSENE	380.0000	UG/KG		J	390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	CHRYSENE	380.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	CHRYSENE	180.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	CHRYSENE	230.0000	UG/KG		J	740.0000		ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	CHRYSENE	240.0000	UG/KG		J	740.0000	A	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	CHRYSENE	78.0000	UG/KG		J	450.0000	A	ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	CHRYSENE	110.0000	UG/KG		J	390.0000		ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	CHRYSENE	110.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	CHRYSENE	150.0000	UG/KG		J	400.0000		ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	CHRYSENE	150.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	CHRYSENE	140.0000	UG/KG		J	400.0000		ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	CHRYSENE	140.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	CHRYSENE	250.0000	UG/KG		J	360.0000		ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	CHRYSENE	260.0000	UG/KG		J	360.0000	A	ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
42693	SS40080AE	SS	REAL	02-FEB-93	CHRYSENE	78.0000	UG/KG		J	520.0000		ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	CHRYSENE	77.0000	UG/KG		J	520.0000	A	ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	CHRYSENE	77.0000	UG/KG		J	370.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	CHRYSENE	75.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	CHRYSENE	73.0000	UG/KG		J	360.0000		ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	CHRYSENE	73.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	CHRYSENE	1200.0000	UG/KG			420.0000		ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	CHRYSENE	1200.0000	UG/KG			420.0000	JA	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	CHRYSENE	85.0000	UG/KG		J	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	CHRYSENE	89.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	CHRYSENE	69.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	CHRYSENE	140.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	CHRYSENE	58.0000	UG/KG		J	400.0000		ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	CHRYSENE	58.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	CHRYSENE	86.0000	UG/KG		J	380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	CHRYSENE	82.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	CHRYSENE	210.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	CHRYSENE	570.0000	UG/KG			500.0000	V	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	CHRYSENE	96.0000	UG/KG		J	420.0000	A	ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	CHRYSENE	190.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	CHRYSENE	210.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	CHRYSENE	950.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	CHRYSENE	66.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	CHRYSENE	89.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	CHRYSENE	61.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	CHRYSENE	2200.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	CHRYSENE	120.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	CHRYSENE	62.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	CHRYSENE	390.0000	UG/KG		J	430.0000	A	ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	CHRYSENE	120.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	CHRYSENE	470.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	CHRYSENE	170.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	CHRYSENE	160.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	CHRYSENE	42.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	CHRYSENE	1070.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	CHRYSENE	64.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	CHRYSENE	140.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	CHRYSENE	44.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	CHRYSENE	210.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	CHRYSENE	560.0000	UG/KG			370.0000	V	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	CHRYSENE	130.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	CHRYSENE	120.0000	UG/KG		J	350.0000	Z	ND	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	CHRYSENE	36.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	CHRYSENE	180.0000	UG/KG		J	700.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	CHRYSENE	190.0000	UG/KG		J	1400.0000	Z	ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	CHRYSENE	120.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	CHRYSENE	220.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
40193	SS40485AE	SS	REAL	05-JAN-93	DI-n-BUTYL PHTHALATE	79.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	DI-n-BUTYL PHTHALATE	63.0000	UG/KG		J	600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	DI-n-BUTYL PHTHALATE	66.0000	UG/KG		J	600.0000	A	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	DI-n-BUTYL PHTHALATE	77.0000	UG/KG		J	590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	DI-n-BUTYL PHTHALATE	80.0000	UG/KG		J	590.0000	A	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	DI-n-BUTYL PHTHALATE	41.0000	UG/KG		J	390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	DI-n-BUTYL PHTHALATE	43.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	DI-n-BUTYL PHTHALATE	96.0000	UG/KG		J	740.0000	A	ND	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	DI-n-BUTYL PHTHALATE	36.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	DI-n-BUTYL PHTHALATE	77.0000	UG/KG		BJ	360.0000		ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
42693	SS40080AE	SS	REAL	02-FEB-93	DI-n-BUTYL PHTHALATE	61.0000	UG/KG		J	520.0000		ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	DI-n-BUTYL PHTHALATE	62.0000	UG/KG		J	520.0000	A	ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	DI-n-BUTYL PHTHALATE	58.0000	UG/KG		J	360.0000		ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	DI-n-BUTYL PHTHALATE	55.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	DI-n-BUTYL PHTHALATE	80.0000	UG/KG		J	420.0000		ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	DI-n-BUTYL PHTHALATE	79.0000	UG/KG		J	420.0000	A	ND	0.000	0.167
43493	SS40086AE	SS	REAL	21-APR-93	DI-n-BUTYL PHTHALATE	84.0000	UG/KG		J	380.0000	Z	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	DI-n-BUTYL PHTHALATE	39.0000	UG/KG		J	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	DI-n-BUTYL PHTHALATE	39.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	DI-n-BUTYL PHTHALATE	900.0000	UG/KG			400.0000	V	ND	0.000	0.167
44193	SS40011AE	SS	REAL	18-DEC-92	DI-n-BUTYL PHTHALATE	91.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	DI-n-BUTYL PHTHALATE	740.0000	UG/KG			380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	DI-n-BUTYL PHTHALATE	730.0000	UG/KG			380.0000	V	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	DI-n-BUTYL PHTHALATE	120.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	DI-n-BUTYL PHTHALATE	104.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	DI-n-BUTYL PHTHALATE	93.0000	UG/KG		J	420.0000	A	ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	DI-n-BUTYL PHTHALATE	41.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	DI-n-BUTYL PHTHALATE	65.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	DI-n-BUTYL PHTHALATE	49.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	DI-n-BUTYL PHTHALATE	1700.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	DI-n-BUTYL PHTHALATE	50.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	DI-n-BUTYL PHTHALATE	53.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	DI-n-BUTYL PHTHALATE	900.0000	UG/KG			350.0000	V	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	DI-n-BUTYL PHTHALATE	53.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	DI-n-BUTYL PHTHALATE	45.0000	UG/KG		J	350.0000	Z	ND	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	DI-n-BUTYL PHTHALATE	51.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	DI-n-BUTYL PHTHALATE	160.0000	UG/KG		J	700.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	DI-n-BUTYL PHTHALATE	170.0000	UG/KG		J	1400.0000	Z	ND	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	DI-n-BUTYL PHTHALATE	67.0000	UG/KG		J	630.0000	A	ND	0.000	0.167
40393	SS40053AE	SS	REAL	28-JAN-93	FLUORANTHENE	70.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	FLUORANTHENE	1100.0000	UG/KG			600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	FLUORANTHENE	1200.0000	UG/KG			600.0000	V	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	FLUORANTHENE	1400.0000	UG/KG			590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	FLUORANTHENE	1400.0000	UG/KG			590.0000	V	ND	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	FLUORANTHENE	190.0000	UG/KG		J	330.0000	A	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	FLUORANTHENE	710.0000	UG/KG			390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	FLUORANTHENE	770.0000	UG/KG			390.0000	V	ND	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	FLUORANTHENE	370.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	FLUORANTHENE	400.0000	UG/KG		J	740.0000		ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	FLUORANTHENE	430.0000	UG/KG		J	740.0000	A	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	FLUORANTHENE	140.0000	UG/KG		J	450.0000	A	ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	FLUORANTHENE	200.0000	UG/KG		J	390.0000		ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	FLUORANTHENE	220.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	FLUORANTHENE	250.0000	UG/KG		J	400.0000		ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	FLUORANTHENE	270.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	FLUORANTHENE	230.0000	UG/KG		J	400.0000		ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	FLUORANTHENE	290.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	FLUORANTHENE	48.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	FLUORANTHENE	420.0000	UG/KG			360.0000		ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	FLUORANTHENE	500.0000	UG/KG			360.0000	V	ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	FLUORANTHENE	120.0000	UG/KG		J	520.0000		ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	FLUORANTHENE	130.0000	UG/KG		J	520.0000	A	ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	FLUORANTHENE	140.0000	UG/KG		J	370.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	FLUORANTHENE	150.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	FLUORANTHENE	97.0000	UG/KG		J	360.0000		ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	FLUORANTHENE	130.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	FLUORANTHENE	2500.0000	UG/KG			420.0000		ND	0.000	0.167

Appendix II.2-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
43293	SS40006AE	SS	REAL	29-JAN-93	FLUORANTHENE	3000.0000	UG/KG			420.0000	JA	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	FLUORANTHENE	110.0000	UG/KG		J	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	FLUORANTHENE	130.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	FLUORANTHENE	120.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	FLUORANTHENE	280.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	FLUORANTHENE	99.0000	UG/KG		J	400.0000		ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	FLUORANTHENE	110.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44193	SS40011AE	SS	REAL	18-DEC-92	FLUORANTHENE	52.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	FLUORANTHENE	150.0000	UG/KG		J	380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	FLUORANTHENE	160.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	FLUORANTHENE	49.0000	UG/KG		J	440.0000		ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	FLUORANTHENE	72.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	FLUORANTHENE	540.0000	UG/KG			480.0000	V	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	FLUORANTHENE	1100.0000	UG/KG			500.0000	V	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	FLUORANTHENE	190.0000	UG/KG		J	420.0000	A	ND	0.000	0.167
SS400193	SS40017AE	SS	REAL	29-DEC-92	FLUORANTHENE	54.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	FLUORANTHENE	320.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	FLUORANTHENE	340.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	FLUORANTHENE	1700.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	FLUORANTHENE	108.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	FLUORANTHENE	47.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	FLUORANTHENE	54.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	FLUORANTHENE	200.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	FLUORANTHENE	110.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	FLUORANTHENE	4700.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	FLUORANTHENE	270.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	FLUORANTHENE	65.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	FLUORANTHENE	110.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	FLUORANTHENE	710.0000	UG/KG			430.0000	V	ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	FLUORANTHENE	250.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	FLUORANTHENE	920.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	FLUORANTHENE	310.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	FLUORANTHENE	300.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	FLUORANTHENE	90.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	FLUORANTHENE	2100.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	FLUORANTHENE	150.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	FLUORANTHENE	310.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	FLUORANTHENE	92.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	FLUORANTHENE	370.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	FLUORANTHENE	1000.0000	UG/KG			370.0000	V	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	FLUORANTHENE	210.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	FLUORANTHENE	220.0000	UG/KG		J	350.0000	Z	ND	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	FLUORANTHENE	63.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	FLUORANTHENE	300.0000	UG/KG		J	700.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	FLUORANTHENE	270.0000	UG/KG		J	1400.0000	Z	ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	FLUORANTHENE	220.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	FLUORANTHENE	98.0000	UG/KG		J	630.0000	A	ND	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	FLUORANTHENE	43.0000	UG/KG		J	420.0000	A	ND	0.000	0.167
SS403593	SS40051AE	SS	REAL	17-MAY-93	FLUORANTHENE	40.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	FLUORANTHENE	200.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	INDENO(1,2,3-cd)PYRENE	510.0000	UG/KG		J	600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	INDENO(1,2,3-cd)PYRENE	480.0000	UG/KG		J	600.0000	A	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	INDENO(1,2,3-cd)PYRENE	550.0000	UG/KG		J	590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	INDENO(1,2,3-cd)PYRENE	480.0000	UG/KG		J	590.0000	A	ND	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	INDENO(1,2,3-cd)PYRENE	76.0000	UG/KG		J	330.0000	A	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	INDENO(1,2,3-cd)PYRENE	290.0000	UG/KG		J	390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	INDENO(1,2,3-cd)PYRENE	270.0000	UG/KG		J	390.0000	A	ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41193	SS40007AE	SS	REAL	28-JAN-93	INDENO(1,2,3-cd)PYRENE	140.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	INDENO(1,2,3-cd)PYRENE	60.0000	UG/KG		J	450.0000	A	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	INDENO(1,2,3-cd)PYRENE	120.0000	UG/KG		J	400.0000		ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	INDENO(1,2,3-cd)PYRENE	110.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	INDENO(1,2,3-cd)PYRENE	105.0000	UG/KG		J	400.0000		ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	INDENO(1,2,3-cd)PYRENE	90.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	INDENO(1,2,3-cd)PYRENE	210.0000	UG/KG		J	360.0000		ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	INDENO(1,2,3-cd)PYRENE	210.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	INDENO(1,2,3-cd)PYRENE	61.0000	UG/KG		J	370.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	INDENO(1,2,3-cd)PYRENE	58.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	INDENO(1,2,3-cd)PYRENE	660.0000	UG/KG			420.0000		ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	INDENO(1,2,3-cd)PYRENE	590.0000	UG/KG			420.0000	JA	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	INDENO(1,2,3-cd)PYRENE	85.0000	UG/KG		J	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	INDENO(1,2,3-cd)PYRENE	70.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	INDENO(1,2,3-cd)PYRENE	55.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	INDENO(1,2,3-cd)PYRENE	99.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	INDENO(1,2,3-cd)PYRENE	74.0000	UG/KG		J	380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	INDENO(1,2,3-cd)PYRENE	77.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	INDENO(1,2,3-cd)PYRENE	170.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	INDENO(1,2,3-cd)PYRENE	410.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	INDENO(1,2,3-cd)PYRENE	79.0000	UG/KG		J	420.0000	A	ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	INDENO(1,2,3-cd)PYRENE	110.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	INDENO(1,2,3-cd)PYRENE	210.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	INDENO(1,2,3-cd)PYRENE	650.0000	UG/KG			380.0000	JA	ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	INDENO(1,2,3-cd)PYRENE	73.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	INDENO(1,2,3-cd)PYRENE	42.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	INDENO(1,2,3-cd)PYRENE	61.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	INDENO(1,2,3-cd)PYRENE	1600.0000	UG/KG			380.0000	JA	ND	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	INDENO(1,2,3-cd)PYRENE	74.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	INDENO(1,2,3-cd)PYRENE	51.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	INDENO(1,2,3-cd)PYRENE	270.0000	UG/KG		J	430.0000	A	ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	INDENO(1,2,3-cd)PYRENE	90.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	INDENO(1,2,3-cd)PYRENE	300.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	INDENO(1,2,3-cd)PYRENE	140.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	INDENO(1,2,3-cd)PYRENE	120.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	INDENO(1,2,3-cd)PYRENE	43.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	INDENO(1,2,3-cd)PYRENE	930.0000	UG/KG			390.0000	JA	ND	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	INDENO(1,2,3-cd)PYRENE	87.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	INDENO(1,2,3-cd)PYRENE	170.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	INDENO(1,2,3-cd)PYRENE	340.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	INDENO(1,2,3-cd)PYRENE	150.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	INDENO(1,2,3-cd)PYRENE	109.0000	UG/KG		J	350.0000	Z	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	INDENO(1,2,3-cd)PYRENE	110.0000	UG/KG		J	700.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	INDENO(1,2,3-cd)PYRENE	110.0000	UG/KG		J	1400.0000	Z	ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	INDENO(1,2,3-cd)PYRENE	87.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	INDENO(1,2,3-cd)PYRENE	150.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	PHENANTHRENE	860.0000	UG/KG			600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	PHENANTHRENE	860.0000	UG/KG			600.0000	V	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	PHENANTHRENE	1100.0000	UG/KG			590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	PHENANTHRENE	1100.0000	UG/KG			590.0000	V	ND	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	PHENANTHRENE	120.0000	UG/KG		J	330.0000	A	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	PHENANTHRENE	470.0000	UG/KG			390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	PHENANTHRENE	490.0000	UG/KG			390.0000	V	ND	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	PHENANTHRENE	270.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	PHENANTHRENE	280.0000	UG/KG		J	740.0000		ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	PHENANTHRENE	270.0000	UG/KG		J	740.0000	A	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	PHENANTHRENE	98.0000	UG/KG		J	450.0000	A	ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41793	SS40077AE	SS	REAL	09-FEB-93	PHENANTHRENE	140.0000	UG/KG		J	390.0000		ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	PHENANTHRENE	140.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	PHENANTHRENE	180.0000	UG/KG		J	400.0000		ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	PHENANTHRENE	180.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	PHENANTHRENE	180.0000	UG/KG		J	400.0000		ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	PHENANTHRENE	180.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	PHENANTHRENE	37.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	PHENANTHRENE	340.0000	UG/KG		J	360.0000		ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	PHENANTHRENE	340.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	PHENANTHRENE	95.0000	UG/KG		J	520.0000		ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	PHENANTHRENE	99.0000	UG/KG		J	520.0000	A	ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	PHENANTHRENE	130.0000	UG/KG		J	370.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	PHENANTHRENE	130.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	PHENANTHRENE	86.0000	UG/KG		J	360.0000		ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	PHENANTHRENE	81.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	PHENANTHRENE	2300.0000	UG/KG			420.0000		ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	PHENANTHRENE	2300.0000	UG/KG			420.0000	JA	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	PHENANTHRENE	56.0000	UG/KG		J	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	PHENANTHRENE	57.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	PHENANTHRENE	87.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	PHENANTHRENE	170.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	PHENANTHRENE	82.0000	UG/KG		J	400.0000		ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	PHENANTHRENE	78.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	PHENANTHRENE	130.0000	UG/KG		J	380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	PHENANTHRENE	130.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	PHENANTHRENE	390.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	PHENANTHRENE	940.0000	UG/KG			500.0000	V	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	PHENANTHRENE	150.0000	UG/KG		J	420.0000	A	ND	0.000	0.167
SS400193	SS40017AE	SS	REAL	29-DEC-92	PHENANTHRENE	41.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	PHENANTHRENE	220.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	PHENANTHRENE	310.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	PHENANTHRENE	1200.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	PHENANTHRENE	77.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	PHENANTHRENE	40.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	PHENANTHRENE	190.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	PHENANTHRENE	73.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	PHENANTHRENE	3700.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	PHENANTHRENE	190.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	PHENANTHRENE	65.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401593	SS40031AE	SS	REAL	29-DEC-92	PHENANTHRENE	680.0000	UG/KG			430.0000	V	ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	PHENANTHRENE	160.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	PHENANTHRENE	610.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	PHENANTHRENE	220.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	PHENANTHRENE	180.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	PHENANTHRENE	55.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	PHENANTHRENE	1500.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	PHENANTHRENE	120.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	PHENANTHRENE	180.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	PHENANTHRENE	65.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	PHENANTHRENE	190.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	PHENANTHRENE	950.0000	UG/KG			370.0000	V	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	PHENANTHRENE	180.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	PHENANTHRENE	160.0000	UG/KG		J	350.0000	Z	ND	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	PHENANTHRENE	38.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	PHENANTHRENE	290.0000	UG/KG		J	700.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	PHENANTHRENE	260.0000	UG/KG		J	1400.0000	Z	ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	PHENANTHRENE	180.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	PHENANTHRENE	74.0000	UG/KG		J	630.0000	A	ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SS403693	SS40052AE	SS	REAL	17-MAY-93	PHENANTHRENE	74.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
40393	SS40053AE	SS	REAL	28-JAN-93	PYRENE	71.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	PYRENE	1300.0000	UG/KG			600.0000		ND	0.000	0.167
40693	SS40057AE	SS	REAL	25-FEB-93	PYRENE	1200.0000	UG/KG			600.0000	V	ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	PYRENE	1600.0000	UG/KG			590.0000		ND	0.000	0.167
40793	SS40058AE	SS	REAL	25-FEB-93	PYRENE	1400.0000	UG/KG			590.0000	V	ND	0.000	0.167
40893	SS40004AE	SS	REAL	15-DEC-92	PYRENE	180.0000	UG/KG		J	330.0000	A	ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	PYRENE	930.0000	UG/KG			390.0000		ND	0.000	0.167
40993	SS40072AE	SS	REAL	26-FEB-93	PYRENE	820.0000	UG/KG			390.0000	V	ND	0.000	0.167
41193	SS40007AE	SS	REAL	28-JAN-93	PYRENE	340.0000	UG/KG		J	500.0000	A	ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	PYRENE	490.0000	UG/KG		J	740.0000		ND	0.000	0.167
41293	SS40071AE	SS	REAL	23-FEB-93	PYRENE	420.0000	UG/KG		J	740.0000	A	ND	0.000	0.167
41693	SS40410AE	SS	REAL	12-FEB-93	PYRENE	150.0000	UG/KG		J	450.0000	A	ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	PYRENE	180.0000	UG/KG		J	390.0000		ND	0.000	0.167
41793	SS40077AE	SS	REAL	09-FEB-93	PYRENE	270.0000	UG/KG		J	390.0000	A	ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	PYRENE	330.0000	UG/KG		J	400.0000		ND	0.000	0.167
41893	SS40003AE	SS	REAL	18-JAN-93	PYRENE	290.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	PYRENE	280.0000	UG/KG		J	400.0000		ND	0.000	0.167
41993	SS40009AE	SS	REAL	13-JAN-93	PYRENE	310.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
42093	SS40480AE	SS	REAL	08-JAN-93	PYRENE	53.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	PYRENE	730.0000	UG/KG			360.0000		ND	0.000	0.167
42393	SS40079AE	SS	REAL	27-JAN-93	PYRENE	660.0000	UG/KG			360.0000	JA	ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	PYRENE	190.0000	UG/KG		J	520.0000		ND	0.000	0.167
42693	SS40080AE	SS	REAL	02-FEB-93	PYRENE	210.0000	UG/KG		J	520.0000	A	ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	PYRENE	190.0000	UG/KG		J	370.0000		ND	0.000	0.167
42993	SS40056AE	SS	REAL	18-JAN-93	PYRENE	170.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	PYRENE	130.0000	UG/KG		J	360.0000		ND	0.000	0.167
43193	SS40084AE	SS	REAL	09-FEB-93	PYRENE	150.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	PYRENE	2500.0000	UG/KG			420.0000		ND	0.000	0.167
43293	SS40006AE	SS	REAL	29-JAN-93	PYRENE	2900.0000	UG/KG			420.0000	JA	ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	PYRENE	180.0000	UG/KG		J	350.0000		ND	0.000	0.167
43593	SS40061AE	SS	REAL	25-JAN-93	PYRENE	140.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
43793	SS40088AE	SS	REAL	12-FEB-93	PYRENE	140.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
43893	SS40010AE	SS	REAL	05-FEB-93	PYRENE	230.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	PYRENE	100.0000	UG/KG		J	400.0000		ND	0.000	0.167
44093	SS40090AE	SS	REAL	09-FEB-93	PYRENE	140.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
44193	SS40011AE	SS	REAL	18-DEC-92	PYRENE	48.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	PYRENE	200.0000	UG/KG		J	380.0000		ND	0.000	0.167
44393	SS40005AE	SS	REAL	18-JAN-93	PYRENE	190.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	PYRENE	76.0000	UG/KG		J	440.0000		ND	0.000	0.167
44793	SS40055AE	SS	REAL	11-JAN-93	PYRENE	86.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
45693	SS40094AE	SS	REAL	19-MAR-93	PYRENE	460.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
45793	SS40015AE	SS	REAL	18-MAR-93	PYRENE	1200.0000	UG/KG			500.0000	V	ND	0.000	0.167
46193	SS40096AE	SS	REAL	24-MAR-93	PYRENE	200.0000	UG/KG		J	420.0000	A	ND	0.000	0.167
SS400193	SS40017AE	SS	REAL	29-DEC-92	PYRENE	54.0000	UG/KG		J	370.0000	A	ND	0.000	0.167
SS400293	SS40018AE	SS	REAL	29-DEC-92	PYRENE	350.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400393	SS40019AE	SS	REAL	27-MAY-93	PYRENE	570.0000	UG/KG			350.0000	V	ND	0.000	0.167
SS400493	SS40020AE	SS	REAL	30-DEC-92	PYRENE	1300.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS400593	SS40021AE	SS	REAL	27-MAY-93	PYRENE	130.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	PYRENE	100.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS400693	SS40022AE	SS	REAL	27-MAY-93	PYRENE	53.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
SS400793	SS40023AE	SS	REAL	29-DEC-92	PYRENE	180.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS400893	SS40024AE	SS	REAL	04-JAN-93	PYRENE	93.0000	UG/KG		J	460.0000	A	ND	0.000	0.167
SS400993	SS40025AE	SS	REAL	31-DEC-92	PYRENE	3600.0000	UG/KG			380.0000	V	ND	0.000	0.167
SS401093	SS40026AE	SS	REAL	29-DEC-92	PYRENE	260.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401193	SS40027AE	SS	REAL	30-DEC-92	PYRENE	51.0000	UG/KG		J	480.0000	A	ND	0.000	0.167
SS401493	SS40030AE	SS	REAL	29-DEC-92	PYRENE	130.0000	UG/KG		J	380.0000	A	ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
SS401593	SS40031AE	SS	REAL	29-DEC-92	PYRENE	760.0000	UG/KG			430.0000	V	ND	0.000	0.167
SS401693	SS40032AE	SS	REAL	30-DEC-92	PYRENE	180.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
SS401793	SS40033AE	SS	REAL	31-DEC-92	PYRENE	670.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS401893	SS40034AE	SS	REAL	30-DEC-92	PYRENE	260.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS401993	SS40035AE	SS	REAL	29-DEC-92	PYRENE	320.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402093	SS40036AE	SS	REAL	30-DEC-92	PYRENE	66.0000	UG/KG		J	400.0000	A	ND	0.000	0.167
SS402193	SS40037AE	SS	REAL	04-JAN-93	PYRENE	1900.0000	UG/KG			390.0000	V	ND	0.000	0.167
SS402293	SS40038AE	SS	REAL	29-DEC-92	PYRENE	130.0000	UG/KG		J	350.0000	A	ND	0.000	0.167
SS402393	SS40039AE	SS	REAL	30-DEC-92	PYRENE	210.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402493	SS40040AE	SS	REAL	30-DEC-92	PYRENE	65.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS402693	SS40199AE	SS	REAL	04-JAN-93	PYRENE	310.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
SS402793	SS40043AE	SS	REAL	20-MAY-93	PYRENE	1100.0000	UG/KG			370.0000	V	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	PYRENE	370.0000	UG/KG			350.0000	V	ND	0.000	0.167
SS402893	SS40044AE	SS	REAL	27-MAY-93	PYRENE	210.0000	UG/KG		J	350.0000	Z	ND	0.000	0.167
SS402993	SS40045AE	SS	REAL	27-MAY-93	PYRENE	57.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	PYRENE	310.0000	UG/KG		J	700.0000	A	ND	0.000	0.167
SS403093	SS40046AE	SS	REAL	20-MAY-93	PYRENE	310.0000	UG/KG		J	1400.0000	Z	ND	0.000	0.167
SS403293	SS40048AE	SS	REAL	20-MAY-93	PYRENE	210.0000	UG/KG		J	440.0000	A	ND	0.000	0.167
SS403393	SS40049AE	SS	REAL	20-MAY-93	PYRENE	90.0000	UG/KG		J	630.0000	A	ND	0.000	0.167
SS403493	SS40050AE	SS	REAL	17-MAY-93	PYRENE	49.0000	UG/KG		J	420.0000	A	ND	0.000	0.167
SS403693	SS40052AE	SS	REAL	17-MAY-93	PYRENE	210.0000	UG/KG		J	390.0000	A	ND	0.000	0.167

Appendix II.Z-1
Phase I Data - Subgrade - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
42193	SS40012AE	SS	REAL	10-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	80.0000	UG/KG		J	350.0000	A	ND	0.333	0.500
42493	SS40083AE	SS	REAL	08-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	83.0000	UG/KG		J	350.0000	A	ND	0.417	0.583
42593	SS40082AE	SS	REAL	09-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	65.0000	UG/KG		J	350.0000	A	ND	0.333	0.500
43393	SS40087AE	SS	REAL	09-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	1100.0000	UG/KG			350.0000	V	ND	0.333	0.500
43693	SS40089AE	SS	REAL	10-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	120.0000	UG/KG		J	350.0000	A	ND	0.333	0.500
42193	SS40012AE	SS	REAL	10-MAR-93	DI-n-BUTYL PHTHALATE	50.0000	UG/KG		J	350.0000	A	ND	0.333	0.500

Appendix II.Z-1
Phase I Data - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
43893	BH40071AE	BH	REAL	05-FEB-93	2-BUTANONE	11.0000	UG/KG		J	12.0000	A	ND	1.15	1.30
40193	BH40486AE	BH	REAL	06-JAN-93	ACETONE	14.0000	UG/KG			11.0000	V	ND	1.1	1.3
40193	BH40491AE	BH	REAL	06-JAN-93	ACETONE	8.0000	UG/KG		J	12.0000	A	ND	12.9	13.1
40193	BH40492AE	BH	REAL	06-JAN-93	ACETONE	35.0000	UG/KG			12.0000	V	ND	16.7	16.9
40393	BH40125AE	BH	REAL	29-JAN-93	ACETONE	14.0000	UG/KG			12.0000	V	ND	5.8	6.0
40593	BH40394AE	BH	REAL	26-JAN-93	ACETONE	48.0000	UG/KG			24.0000	JA	ND	17.8	18.0
40593	BH40399AE	BH	REAL	27-JAN-93	ACETONE	47.0000	UG/KG			12.0000	JA	ND	21.8	22.0
40993	BH40202AE	BH	REAL	03-MAR-93	ACETONE	15.0000	UG/KG			11.0000	V	ND	1.35	1.60
40993	BH40208AE	BH	REAL	05-MAR-93	ACETONE	15.0000	UG/KG			12.0000	V	ND	31.3	31.4
40993	BH40203AE	BH	REAL	03-MAR-93	ACETONE	13.0000	UG/KG			11.0000	V	ND	5.25	5.50
40993	BH40205AE	BH	REAL	03-MAR-93	ACETONE	13.0000	UG/KG			11.0000	V	ND	9.4	9.6
41193	BH40051AE	BH	REAL	28-JAN-93	ACETONE	13.0000	UG/KG			11.0000	V	ND	5.5	5.75
41193	BH40053AE	BH	REAL	28-JAN-93	ACETONE	17.0000	UG/KG			13.0000	V	ND	9.75	10.1
41593	BH40211AE	BH	REAL	06-APR-93	ACETONE	16.0000	UG/KG			10.0000	JA	ND	4.85	5.1
42093	BH40484AE	BH	REAL	08-JAN-93	ACETONE	52.0000	UG/KG		J	57.0000	A	ND	1.3	1.5
42093	BH40104AE	BH	REAL	08-JAN-93	ACETONE	35.0000	UG/KG			12.0000	V	ND	5.7	5.9
42293	BH40257AE	BH	REAL	15-APR-93	ACETONE	42.0000	UG/KG			12.0000	JA	ND	10.9	11.1
42293	BH40254AE	BH	REAL	15-APR-93	ACETONE	17.0000	UG/KG			11.0000	JA	ND	3.7	3.9
42293	BH40255AE	BH	REAL	15-APR-93	ACETONE	51.0000	UG/KG			10.0000	JA	ND	7.3	7.5
42393	BH40263AE	BH	REAL	27-JAN-93	ACETONE	43.0000	UG/KG			10.0000	JA	ND	5.55	5.80
42593	BH40291AE	BH	REAL	16-MAR-93	ACETONE	140.0000	UG/KG		B	12.0000	V	ND	1.7	1.9
42593	BH40292AE	BH	REAL	16-MAR-93	ACETONE	140.0000	UG/KG		B	11.0000	V	ND	5.4	5.6
42593	BH40294AE	BH	REAL	16-MAR-93	ACETONE	120.0000	UG/KG		B	12.0000	V	ND	9.8	10.0
43493	BH40323AE	BH	REAL	21-APR-93	ACETONE	84.0000	UG/KG			11.0000	V	ND	10.1	10.3
43493	BH40321AE	BH	REAL	21-APR-93	ACETONE	110.0000	UG/KG			12.0000	V	ND	5.3	5.5
43693	BH40347AE	BH	REAL	25-MAR-93	ACETONE	28.0000	UG/KG			12.0000	V	ND	12.6	12.8
43993	BH40354AE	BH	REAL	10-FEB-93	ACETONE	72.0000	UG/KG			11.0000	V	ND	1.1	1.35
43993	BH40355AE	BH	REAL	10-FEB-93	ACETONE	14.0000	UG/KG			11.0000	V	ND	5.2	5.45
44093	BH40349AE	BH	REAL	09-FEB-93	ACETONE	15.0000	UG/KG		J	23.0000	A	ND	1.3	1.5
44093	BH40352AE	BH	REAL	10-FEB-93	ACETONE	15.0000	UG/KG			12.0000	V	ND	14.55	14.8
44093	BH40350AE	BH	REAL	09-FEB-93	ACETONE	11.0000	UG/KG		B	11.0000	V	ND	5.55	5.8
44393	BH40037AE	BH	REAL	08-FEB-93	ACETONE	11.0000	UG/KG		J	13.0000	A	ND	9.6	9.8
45893	BH40379AE	BH	REAL	16-MAR-93	ACETONE	60.0000	UG/KG		B	12.0000	V	ND	5.0	5.25
46293	BH40566AE	BH	REAL	25-MAR-93	ACETONE	21.0000	UG/KG			13.0000	V	ND	2.4	2.6
46693	BH40716AE	BH	REAL	08-NOV-93	ACETONE	65.0000	UG/KG			10.0000	Y	ND	1.20	1.45
46693	BH40727AE	BH	REAL	09-NOV-93	ACETONE	17.0000	UG/KG			10.0000	Y	ND	14.3	14.6
46693	BH40719AE	BH	REAL	09-NOV-93	ACETONE	35.0000	UG/KG			10.0000	Y	ND	5.75	6.00
46893	BH40744AE	BH	REAL	19-NOV-93	ACETONE	37.0000	UG/KG			10.0000	JA	ND	1.35	1.60
46893	BH40750AE	BH	REAL	19-NOV-93	ACETONE	40.0000	UG/KG			10.0000	JA	ND	10.0	10.3
46893	BH40747AE	BH	REAL	19-NOV-93	ACETONE	46.0000	UG/KG			10.0000	JA	ND	6.15	6.40
42193	BH40433AE	BH	REAL	31-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	210.0000	UG/KG		BJ	400.0000		ND	28.3	31.3
42193	BH40427AE	BH	REAL	19-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	45.0000	UG/KG		J	360.0000	A	ND	4	6
42493	BH40440AE	BH	REAL	23-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	38.0000	UG/KG		J	360.0000	A	ND	4	6
42493	BH40440AE	BH	REAL	23-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	48.0000	UG/KG		J	360.0000	Z	ND	4	6
43693	BH40520AE	BH	REAL	24-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	50.0000	UG/KG		J	360.0000	A	ND	4	6
44193	BH40429AE	BH	REAL	31-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	82.0000	UG/KG		BJ	420.0000		ND	23.4	29.4
44193	BH40569AE	BH	REAL	31-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	46.0000	UG/KG		BJ	380.0000		ND	35.4	41.6
44193	BH40570AE	BH	REAL	31-MAR-93	BIS(2-ETHYLHEXYL)PHTHALATE	5300.0000	UG/KG		B	380.0000		ND	41.6	47.6
46593	BH40713AE	BH	REAL	08-NOV-93	BIS(2-ETHYLHEXYL)PHTHALATE	46.0000	UG/KG		J	330.0000	A	ND	10.7	16.4
42193	BH40427AE	BH	REAL	19-MAR-93	DI-n-BUTYL PHTHALATE	46.0000	UG/KG		J	360.0000	A	ND	4	6
42193	BH40086AE	BH	REAL	30-MAR-93	DI-n-BUTYL PHTHALATE	51.0000	UG/KG		BJ	410.0000		ND	9.9	16
42493	BH40440AE	BH	REAL	23-MAR-93	DI-n-BUTYL PHTHALATE	54.0000	UG/KG		J	360.0000	A	ND	4	6
42493	BH40440AE	BH	REAL	23-MAR-93	DI-n-BUTYL PHTHALATE	45.0000	UG/KG		J	360.0000	Z	ND	4	6
43393	BH40324AE	BH	REAL	18-MAR-93	DI-n-BUTYL PHTHALATE	52.0000	UG/KG		J	390.0000	A	ND	7.6	12.6

Appendix II.Z-1
Phase I Data - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
43693	BH40520AE	BH	REAL	24-MAR-93	DI-n-BUTYL PHTHALATE	98.0000	UG/KG		J	360.0000	A	ND	4	6
44193	BH40568AE	BH	REAL	31-MAR-93	DI-n-BUTYL PHTHALATE	53.0000	UG/KG		BJ	410.0000		ND	29.4	35.4
44193	BH40570AE	BH	REAL	31-MAR-93	DI-n-BUTYL PHTHALATE	260.0000	UG/KG		BJ	380.0000		ND	41.6	47.6
40093	BH40168AE	BH	REAL	13-JAN-93	METHYLENE CHLORIDE	3.0000	UG/KG		J	6.0000	A	ND	1.3	1.5
40093	BH40169AE	BH	REAL	13-JAN-93	METHYLENE CHLORIDE	12.0000	UG/KG			6.0000	V	ND	4.3	4.55
40093	BH40171AE	BH	REAL	14-JAN-93	METHYLENE CHLORIDE	9.0000	UG/KG		J	30.0000	A	ND	9.7	9.95
40193	BH40486AE	BH	REAL	06-JAN-93	METHYLENE CHLORIDE	2.0000	UG/KG		J	5.0000	A	ND	1.1	1.3
40193	BH40491AE	BH	REAL	06-JAN-93	METHYLENE CHLORIDE	7.0000	UG/KG			6.0000	V	ND	12.9	13.1
40193	BH40492AE	BH	REAL	06-JAN-93	METHYLENE CHLORIDE	11.0000	UG/KG			6.0000	V	ND	16.7	16.9
40193	BH40494AE	BH	REAL	06-JAN-93	METHYLENE CHLORIDE	16.0000	UG/KG			6.0000	V	ND	21.2	21.4
40193	BH40496AE	BH	REAL	06-JAN-93	METHYLENE CHLORIDE	11.0000	UG/KG			6.0000	V	ND	24.7	24.9
40193	BH40487AE	BH	REAL	06-JAN-93	METHYLENE CHLORIDE	3.0000	UG/KG		J	6.0000	A	ND	5.1	5.3
40193	BH40489AE	BH	REAL	06-JAN-93	METHYLENE CHLORIDE	9.0000	UG/KG			6.0000	V	ND	8.5	8.7
40293	BH40119AE	BH	REAL	20-JAN-93	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	1.6	1.8
40293	BH40120AE	BH	REAL	20-JAN-93	METHYLENE CHLORIDE	1.0000	UG/KG		J	6.0000	A	ND	5.8	6.0
40393	BH40125AE	BH	REAL	29-JAN-93	METHYLENE CHLORIDE	6.0000	UG/KG			6.0000	V	ND	5.8	6.0
40593	BH40129AE	BH	REAL	26-JAN-93	METHYLENE CHLORIDE	25.0000	UG/KG			6.0000	V	ND	1.7	1.9
40593	BH40393AE	BH	REAL	26-JAN-93	METHYLENE CHLORIDE	18.0000	UG/KG			6.0000	V	ND	13.8	14.0
40593	BH40394AE	BH	REAL	26-JAN-93	METHYLENE CHLORIDE	9.0000	UG/KG		J	12.0000	A	ND	17.8	18.0
40593	BH40399AE	BH	REAL	27-JAN-93	METHYLENE CHLORIDE	19.0000	UG/KG			6.0000	V	ND	21.8	22.0
40593	BH40130AE	BH	REAL	26-JAN-93	METHYLENE CHLORIDE	8.0000	UG/KG			5.0000	V	ND	5.0	5.2
40593	BH40132AE	BH	REAL	26-JAN-93	METHYLENE CHLORIDE	17.0000	UG/KG			6.0000	V	ND	9.4	9.6
40693	BH40151AE	BH	REAL	26-FEB-93	METHYLENE CHLORIDE	7.0000	UG/KG			6.0000	V	ND	1.4	1.6
40993	BH40202AE	BH	REAL	03-MAR-93	METHYLENE CHLORIDE	3.0000	UG/KG		J	6.0000	A	ND	1.35	1.60
40993	BH40203AE	BH	REAL	03-MAR-93	METHYLENE CHLORIDE	1.0000	UG/KG		J	5.0000	A	ND	5.25	5.50
41193	BH40053AE	BH	REAL	28-JAN-93	METHYLENE CHLORIDE	7.0000	UG/KG			7.0000	V	ND	9.75	10.1
41593	BH40216AE	BH	REAL	06-APR-93	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	7.45	7.7
41693	BH40223AE	BH	REAL	22-FEB-93	METHYLENE CHLORIDE	20.0000	UG/KG			6.0000	V	ND	17.1	17.4
41693	BH40218AE	BH	REAL	22-FEB-93	METHYLENE CHLORIDE	8.0000	UG/KG			5.0000	V	ND	2.15	2.40
41693	BH40219AE	BH	REAL	22-FEB-93	METHYLENE CHLORIDE	39.0000	UG/KG			7.0000	V	ND	5.55	5.70
41693	BH40221AE	BH	REAL	22-FEB-93	METHYLENE CHLORIDE	16.0000	UG/KG			6.0000	V	ND	9.65	9.80
41793	BH40244AE	BH	REAL	19-FEB-93	METHYLENE CHLORIDE	3.0000	UG/KG		J	5.0000	A	ND	2.5	2.7
41793	BH40245AE	BH	REAL	19-FEB-93	METHYLENE CHLORIDE	4.0000	UG/KG		J	6.0000	A	ND	5.4	5.6
41993	BH40063AE	BH	REAL	13-JAN-93	METHYLENE CHLORIDE	6.0000	UG/KG			5.0000	V	ND	1.6	1.8
41993	BH40064AE	BH	REAL	13-JAN-93	METHYLENE CHLORIDE	2.0000	UG/KG		J	5.0000	A	ND	5.2	5.4
41993	BH40066AE	BH	REAL	14-JAN-93	METHYLENE CHLORIDE	5.0000	UG/KG		J	6.0000	A	ND	9.6	9.8
42393	BH40262AE	BH	REAL	27-JAN-93	METHYLENE CHLORIDE	7.0000	UG/KG			6.0000	V	ND	1.0	1.25
42393	BH40265AE	BH	REAL	27-JAN-93	METHYLENE CHLORIDE	5.0000	UG/KG		J	6.0000	A	ND	10.1	10.4
42393	BH40263AE	BH	REAL	27-JAN-93	METHYLENE CHLORIDE	5.0000	UG/KG			5.0000	V	ND	5.55	5.80
42493	BH40283AE	BH	REAL	23-MAR-93	METHYLENE CHLORIDE	8.0000	UG/KG			6.0000	V	ND	2.4	2.6
42493	BH40284AE	BH	REAL	23-MAR-93	METHYLENE CHLORIDE	2.0000	UG/KG		J	5.0000	A	ND	4.7	4.9
42493	BH40289AE	BH	REAL	23-MAR-93	METHYLENE CHLORIDE	7.0000	UG/KG			6.0000	V	ND	9.8	10.0
42593	BH40291AE	BH	REAL	16-MAR-93	METHYLENE CHLORIDE	69.0000	UG/KG			6.0000	V	ND	1.7	1.9
42593	BH40292AE	BH	REAL	16-MAR-93	METHYLENE CHLORIDE	31.0000	UG/KG			5.0000	V	ND	5.4	5.6
42593	BH40294AE	BH	REAL	16-MAR-93	METHYLENE CHLORIDE	65.0000	UG/KG			6.0000	V	ND	9.8	10.0
42993	BH40147AE	BH	REAL	20-JAN-93	METHYLENE CHLORIDE	9.0000	UG/KG			6.0000	V	ND	13.8	14.0
43293	BH40045AE	BH	REAL	29-JAN-93	METHYLENE CHLORIDE	3.0000	UG/KG		J	6.0000	A	ND	11.1	11.3
43393	BH40326AE	BH	REAL	18-MAR-93	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	5.3	5.5
43393	BH40331AE	BH	REAL	18-MAR-93	METHYLENE CHLORIDE	3.0000	UG/KG		J	6.0000	A	ND	9.2	9.4
43593	BH40181AE	BH	REAL	26-JAN-93	METHYLENE CHLORIDE	12.0000	UG/KG			6.0000	V	ND	1.35	1.6
43593	BH40187AE	BH	REAL	26-JAN-93	METHYLENE CHLORIDE	25.0000	UG/KG			6.0000	V	ND	9.75	10.0
43793	BH40339AE	BH	REAL	24-FEB-93	METHYLENE CHLORIDE	1.0000	UG/KG		J	6.0000	A	ND	14.2	14.5
43893	BH40071AE	BH	REAL	05-FEB-93	METHYLENE CHLORIDE	7.0000	UG/KG			6.0000	V	ND	1.15	1.30
43893	BH40074AE	BH	REAL	08-FEB-93	METHYLENE CHLORIDE	10.0000	UG/KG			5.0000	V	ND	12.35	12.6
43893	BH40072AE	BH	REAL	05-FEB-93	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	5.50	5.75
43893	BH40076AE	BH	REAL	05-FEB-93	METHYLENE CHLORIDE	6.0000	UG/KG		J	6.0000	A	ND	9.15	9.4
43993	BH40354AE	BH	REAL	10-FEB-93	METHYLENE CHLORIDE	7.0000	UG/KG			6.0000	V	ND	1.1	1.35

Appendix II.Z-1
Phase I Data - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
43993	BH40360AE	BH	REAL	15-FEB-93	METHYLENE CHLORIDE	5.0000	UG/KG		J	7.0000	A	ND	17.0	17.25
44093	BH40349AE	BH	REAL	09-FEB-93	METHYLENE CHLORIDE	11.0000	UG/KG		J	12.0000	A	ND	1.3	1.5
44093	BH40352AE	BH	REAL	10-FEB-93	METHYLENE CHLORIDE	12.0000	UG/KG			6.0000	V	ND	14.55	14.8
44093	BH40350AE	BH	REAL	09-FEB-93	METHYLENE CHLORIDE	19.0000	UG/KG			6.0000	V	ND	5.55	5.8
44393	BH40035AE	BH	REAL	08-FEB-93	METHYLENE CHLORIDE	13.0000	UG/KG			12.0000	V	ND	5.4	5.6
44393	BH40037AE	BH	REAL	08-FEB-93	METHYLENE CHLORIDE	4.0000	UG/KG		J	6.0000	A	ND	9.6	9.8
44793	BH40135AE	BH	REAL	12-JAN-93	METHYLENE CHLORIDE	7.0000	UG/KG			6.0000	V	ND	4.1	4.35
44893	BH40190AE	BH	REAL	14-JAN-93	METHYLENE CHLORIDE	5.0000	UG/KG		J	6.0000	A	ND	1.55	1.8
44893	BH40195AE	BH	REAL	15-JAN-93	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	12.0	12.2
44893	BH40194AE	BH	REAL	15-JAN-93	METHYLENE CHLORIDE	4.0000	UG/KG		J	6.0000	A	ND	15.9	16.1
44893	BH40189AE	BH	REAL	14-JAN-93	METHYLENE CHLORIDE	3.0000	UG/KG		J	6.0000	A	ND	5.55	5.80
44893	BH40192AE	BH	REAL	15-JAN-93	METHYLENE CHLORIDE	9.0000	UG/KG			6.0000	V	ND	7.0	7.2
45693	BH40376AE	BH	REAL	19-MAR-93	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	5.35	5.6
45693	BH40373AE	BH	REAL	19-MAR-93	METHYLENE CHLORIDE	3.0000	UG/KG		J	6.0000	A	ND	8.55	8.8
45793	BH40560AE	BH	REAL	18-MAR-93	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	5.45	5.7
45893	BH40378AE	BH	REAL	16-MAR-93	METHYLENE CHLORIDE	49.0000	UG/KG			6.0000	V	ND	2.2	2.4
45893	BH40379AE	BH	REAL	16-MAR-93	METHYLENE CHLORIDE	71.0000	UG/KG			6.0000	V	ND	5.0	5.25
45893	BH40381AE	BH	REAL	16-MAR-93	METHYLENE CHLORIDE	24.0000	UG/KG			5.0000	V	ND	9.25	9.5
46193	BH40387AE	BH	REAL	24-MAR-93	METHYLENE CHLORIDE	5.0000	UG/KG		J	6.0000	A	ND	7.6	7.8
46893	BH40755AE	BH	REAL	19-NOV-93	METHYLENE CHLORIDE	5.0000	UG/KG		J	5.0000	A	ND	11.9	12.2
46893	BH40747AE	BH	REAL	19-NOV-93	METHYLENE CHLORIDE	4.0000	UG/KG		J	5.0000	A	ND	6.15	6.40
40093	BH40168AE	BH	REAL	13-JAN-93	TOLUENE	130.0000	UG/KG			6.0000	V	ND	1.3	1.5
40093	BH40169AE	BH	REAL	13-JAN-93	TOLUENE	170.0000	UG/KG			6.0000	V	ND	4.3	4.55
40093	BH40171AE	BH	REAL	14-JAN-93	TOLUENE	330.0000	UG/KG			30.0000	V	ND	9.7	9.95
40193	BH40486AE	BH	REAL	06-JAN-93	TOLUENE	47.0000	UG/KG			5.0000	V	ND	1.1	1.3
40193	BH40491AE	BH	REAL	06-JAN-93	TOLUENE	88.0000	UG/KG			6.0000	V	ND	12.9	13.1
40193	BH40492AE	BH	REAL	06-JAN-93	TOLUENE	230.0000	UG/KG			6.0000	V	ND	16.7	16.9
40193	BH40494AE	BH	REAL	06-JAN-93	TOLUENE	103.0000	UG/KG			6.0000	V	ND	21.2	21.4
40193	BH40496AE	BH	REAL	06-JAN-93	TOLUENE	120.0000	UG/KG			6.0000	V	ND	24.7	24.9
40193	BH40487AE	BH	REAL	06-JAN-93	TOLUENE	200.0000	UG/KG			6.0000	V	ND	5.1	5.3
40193	BH40489AE	BH	REAL	06-JAN-93	TOLUENE	150.0000	UG/KG			6.0000	V	ND	8.5	8.7
40293	BH40119AE	BH	REAL	20-JAN-93	TOLUENE	13.0000	UG/KG			6.0000	V	ND	1.6	1.8
40293	BH40120AE	BH	REAL	20-JAN-93	TOLUENE	56.0000	UG/KG			6.0000	V	ND	5.8	6.0
40393	BH40124AE	BH	REAL	29-JAN-93	TOLUENE	110.0000	UG/KG			6.0000	V	ND	1.7	1.9
40393	BH40125AE	BH	REAL	29-JAN-93	TOLUENE	88.0000	UG/KG			6.0000	V	ND	5.8	6.0
40593	BH40129AE	BH	REAL	26-JAN-93	TOLUENE	120.0000	UG/KG			6.0000	V	ND	1.7	1.9
40593	BH40393AE	BH	REAL	26-JAN-93	TOLUENE	150.0000	UG/KG			6.0000	V	ND	13.8	14.0
40593	BH40394AE	BH	REAL	26-JAN-93	TOLUENE	250.0000	UG/KG			12.0000	V	ND	17.8	18.0
40593	BH40399AE	BH	REAL	27-JAN-93	TOLUENE	110.0000	UG/KG			6.0000	V	ND	21.8	22.0
40593	BH40130AE	BH	REAL	26-JAN-93	TOLUENE	180.0000	UG/KG			5.0000	V	ND	5.0	5.2
40593	BH40132AE	BH	REAL	26-JAN-93	TOLUENE	160.0000	UG/KG			6.0000	V	ND	9.4	9.6
40693	BH40151AE	BH	REAL	26-FEB-93	TOLUENE	110.0000	UG/KG			6.0000	V	ND	1.4	1.6
40793	BH40158AE	BH	REAL	01-MAR-93	TOLUENE	1200.0000	UG/KG			32.0000	V	ND	1.3	1.5
40793	BH40159AE	BH	REAL	01-MAR-93	TOLUENE	150.0000	UG/KG			6.0000	V	ND	5.3	5.5
40793	BH40161AE	BH	REAL	02-MAR-93	TOLUENE	54.0000	UG/KG			6.0000	V	ND	9.7	9.9
40893	BH40031AE	BH	REAL	15-DEC-92	TOLUENE	1100.0000	UG/KG			5.0000	V	ND	.55	.8
40893	BH40032AE	BH	REAL	15-DEC-92	TOLUENE	72.0000	UG/KG			5.0000	V	ND	4.35	4.6
40893	BH40029AE	BH	REAL	15-DEC-92	TOLUENE	220.0000	UG/KG			5.0000	V	ND	6.75	7.0
40993	BH40202AE	BH	REAL	03-MAR-93	TOLUENE	130.0000	UG/KG			6.0000	V	ND	1.35	1.60
40993	BH40208AE	BH	REAL	05-MAR-93	TOLUENE	17.0000	UG/KG			6.0000	V	ND	31.3	31.4
40993	BH40203AE	BH	REAL	03-MAR-93	TOLUENE	71.0000	UG/KG			5.0000	V	ND	5.25	5.50
40993	BH40205AE	BH	REAL	03-MAR-93	TOLUENE	23.0000	UG/KG			6.0000	V	ND	9.4	9.6
41193	BH40050AE	BH	REAL	28-JAN-93	TOLUENE	21.0000	UG/KG			6.0000	V	ND	1.35	1.60
41193	BH40051AE	BH	REAL	28-JAN-93	TOLUENE	95.0000	UG/KG			5.0000	V	ND	5.5	5.75
41193	BH40053AE	BH	REAL	28-JAN-93	TOLUENE	180.0000	UG/KG			7.0000	V	ND	9.75	10.1
41293	BH40197AE	BH	REAL	23-FEB-93	TOLUENE	180.0000	UG/KG			28.0000	V	ND	1.4	1.6
41293	BH40198AE	BH	REAL	24-FEB-93	TOLUENE	100.0000	UG/KG			6.0000	V	ND	6.0	6.2

Appendix II.Z-1
Phase I Data - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
41593	BH40210AE	BH	REAL	06-APR-93	TOLUENE	470.0000	UG/KG			28.0000	V	ND	1.85	2.1
41593	BH40211AE	BH	REAL	06-APR-93	TOLUENE	97.0000	UG/KG			5.0000	V	ND	4.85	5.1
41593	BH40216AE	BH	REAL	06-APR-93	TOLUENE	46.0000	UG/KG			6.0000	V	ND	7.45	7.7
41693	BH40223AE	BH	REAL	22-FEB-93	TOLUENE	120.0000	UG/KG			6.0000	V	ND	17.1	17.4
41693	BH40218AE	BH	REAL	22-FEB-93	TOLUENE	96.0000	UG/KG			5.0000	V	ND	2.15	2.40
41693	BH40219AE	BH	REAL	22-FEB-93	TOLUENE	170.0000	UG/KG			7.0000	V	ND	5.55	5.70
41693	BH40221AE	BH	REAL	22-FEB-93	TOLUENE	89.0000	UG/KG			6.0000	V	ND	9.65	9.80
41793	BH40244AE	BH	REAL	19-FEB-93	TOLUENE	140.0000	UG/KG			5.0000	V	ND	2.5	2.7
41793	BH40245AE	BH	REAL	19-FEB-93	TOLUENE	89.0000	UG/KG			6.0000	V	ND	5.4	5.6
41993	BH40063AE	BH	REAL	13-JAN-93	TOLUENE	210.0000	UG/KG			5.0000	V	ND	1.6	1.8
41993	BH40064AE	BH	REAL	13-JAN-93	TOLUENE	18.0000	UG/KG			5.0000	V	ND	5.2	5.4
41993	BH40066AE	BH	REAL	14-JAN-93	TOLUENE	28.0000	UG/KG			6.0000	V	ND	9.6	9.8
42093	BH40484AE	BH	REAL	08-JAN-93	TOLUENE	260.0000	UG/KG			29.0000	V	ND	1.3	1.5
42093	BH40104AE	BH	REAL	08-JAN-93	TOLUENE	200.0000	UG/KG			6.0000	V	ND	5.7	5.9
42193	BH40436AE	BH	REAL	19-MAR-93	TOLUENE	180.0000	UG/KG			12.0000	V	ND	1.8	2.0
42193	BH40437AE	BH	REAL	19-MAR-93	TOLUENE	21.0000	UG/KG			5.0000	V	ND	6.1	6.3
42193	BH40090AE	BH	REAL	30-MAR-93	TOLUENE	76.0000	UG/KG			6.0000	V	ND	9.5	9.7
42293	BH40257AE	BH	REAL	15-APR-93	TOLUENE	93.0000	UG/KG			6.0000	JA	ND	10.9	11.1
42293	BH40254AE	BH	REAL	15-APR-93	TOLUENE	18.0000	UG/KG			6.0000	JA	ND	3.7	3.9
42293	BH40255AE	BH	REAL	15-APR-93	TOLUENE	57.0000	UG/KG			5.0000	JA	ND	7.3	7.5
42393	BH40262AE	BH	REAL	27-JAN-93	TOLUENE	36.0000	UG/KG			6.0000	V	ND	1.0	1.25
42393	BH40265AE	BH	REAL	27-JAN-93	TOLUENE	39.0000	UG/KG			6.0000	V	ND	10.1	10.4
42393	BH40263AE	BH	REAL	27-JAN-93	TOLUENE	27.0000	UG/KG			5.0000	V	ND	5.55	5.80
42493	BH40283AE	BH	REAL	23-MAR-93	TOLUENE	150.0000	UG/KG			6.0000	V	ND	2.4	2.6
42493	BH40284AE	BH	REAL	23-MAR-93	TOLUENE	12.0000	UG/KG			5.0000	V	ND	4.7	4.9
42493	BH40289AE	BH	REAL	23-MAR-93	TOLUENE	84.0000	UG/KG			6.0000	V	ND	9.8	10.0
42593	BH40291AE	BH	REAL	16-MAR-93	TOLUENE	150.0000	UG/KG			6.0000	V	ND	1.7	1.9
42593	BH40292AE	BH	REAL	16-MAR-93	TOLUENE	56.0000	UG/KG			5.0000	V	ND	5.4	5.6
42593	BH40294AE	BH	REAL	16-MAR-93	TOLUENE	91.0000	UG/KG			6.0000	V	ND	9.8	10.0
42993	BH40143AE	BH	REAL	20-JAN-93	TOLUENE	3.0000	UG/KG		J	5.0000	A	ND	1.35	1.6
42993	BH40147AE	BH	REAL	20-JAN-93	TOLUENE	160.0000	UG/KG			6.0000	V	ND	13.8	14.0
42993	BH40145AE	BH	REAL	20-JAN-93	TOLUENE	68.0000	UG/KG			6.0000	V	ND	5.35	5.6
42993	BH40142AE	BH	REAL	20-JAN-93	TOLUENE	21.0000	UG/KG			7.0000	V	ND	9.35	9.5
43193	BH40307AE	BH	REAL	12-FEB-93	TOLUENE	200.0000	UG/KG			11.0000	V	ND	1.5	1.7
43193	BH40308AE	BH	REAL	12-FEB-93	TOLUENE	4.0000	UG/KG		J	5.0000	A	ND	5.6	5.8
43293	BH40045AE	BH	REAL	29-JAN-93	TOLUENE	38.0000	UG/KG			6.0000	V	ND	11.1	11.3
43293	BH40042AE	BH	REAL	29-JAN-93	TOLUENE	90.0000	UG/KG			7.0000	V	ND	2.25	2.50
43293	BH40043AE	BH	REAL	29-JAN-93	TOLUENE	18.0000	UG/KG			5.0000	V	ND	5.15	5.30
43393	BH40325AE	BH	REAL	18-MAR-93	TOLUENE	38.0000	UG/KG			5.0000	V	ND	2.0	2.2
43393	BH40326AE	BH	REAL	18-MAR-93	TOLUENE	86.0000	UG/KG			6.0000	V	ND	5.3	5.5
43393	BH40331AE	BH	REAL	18-MAR-93	TOLUENE	69.0000	UG/KG			6.0000	V	ND	9.2	9.4
43493	BH40320AE	BH	REAL	21-APR-93	TOLUENE	42.0000	UG/KG			6.0000	V	ND	1.9	2.1
43493	BH40323AE	BH	REAL	21-APR-93	TOLUENE	120.0000	UG/KG			6.0000	V	ND	10.1	10.3
43493	BH40321AE	BH	REAL	21-APR-93	TOLUENE	160.0000	UG/KG			6.0000	V	ND	5.3	5.5
43593	BH40181AE	BH	REAL	26-JAN-93	TOLUENE	70.0000	UG/KG			6.0000	V	ND	1.35	1.6
43593	BH40182AE	BH	REAL	26-JAN-93	TOLUENE	2.0000	UG/KG		J	5.0000	A	ND	5.0	5.25
43593	BH40187AE	BH	REAL	26-JAN-93	TOLUENE	56.0000	UG/KG			6.0000	V	ND	9.75	10.0
43693	BH40347AE	BH	REAL	25-MAR-93	TOLUENE	120.0000	UG/KG			6.0000	V	ND	12.6	12.8
43693	BH40341AE	BH	REAL	24-MAR-93	TOLUENE	7.0000	UG/KG			6.0000	V	ND	2.7	2.9
43693	BH40342AE	BH	REAL	25-MAR-93	TOLUENE	34.0000	UG/KG			5.0000	V	ND	6.3	6.5
43693	BH40344AE	BH	REAL	25-MAR-93	TOLUENE	30.0000	UG/KG			5.0000	V	ND	9.3	9.5
43793	BH40333AE	BH	REAL	23-FEB-93	TOLUENE	84.0000	UG/KG			5.0000	V	ND	1.25	1.40
43793	BH40339AE	BH	REAL	24-FEB-93	TOLUENE	92.0000	UG/KG			6.0000	V	ND	14.2	14.5
43793	BH40334AE	BH	REAL	23-FEB-93	TOLUENE	150.0000	UG/KG			6.0000	V	ND	5.25	5.50
43793	BH40336AE	BH	REAL	24-FEB-93	TOLUENE	4.0000	UG/KG		J	5.0000	A	ND	9.25	9.40
43893	BH40071AE	BH	REAL	05-FEB-93	TOLUENE	37.0000	UG/KG			6.0000	V	ND	1.15	1.30
43893	BH40074AE	BH	REAL	08-FEB-93	TOLUENE	170.0000	UG/KG			5.0000	V	ND	12.35	12.6
43893	BH40077AE	BH	REAL	08-FEB-93	TOLUENE	130.0000	UG/KG			31.0000	V	ND	15.0	15.25

Appendix II.Z-1
Phase I Data - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
43893	BH40072AE	BH	REAL	05-FEB-93	TOLUENE	21.0000	UG/KG			6.0000	V	ND	5.50	5.75
43893	BH40076AE	BH	REAL	05-FEB-93	TOLUENE	110.0000	UG/KG			6.0000	V	ND	9.15	9.4
43993	BH40354AE	BH	REAL	10-FEB-93	TOLUENE	73.0000	UG/KG			6.0000	V	ND	1.1	1.35
43993	BH40360AE	BH	REAL	15-FEB-93	TOLUENE	73.0000	UG/KG			7.0000	V	ND	17.0	17.25
43993	BH40355AE	BH	REAL	10-FEB-93	TOLUENE	15.0000	UG/KG			5.0000	V	ND	5.2	5.45
44093	BH40349AE	BH	REAL	09-FEB-93	TOLUENE	150.0000	UG/KG			12.0000	V	ND	1.3	1.5
44093	BH40352AE	BH	REAL	10-FEB-93	TOLUENE	140.0000	UG/KG			6.0000	V	ND	14.55	14.8
44093	BH40350AE	BH	REAL	09-FEB-93	TOLUENE	170.0000	UG/KG			6.0000	V	ND	5.55	5.8
44193	BH40079AE	BH	REAL	21-DEC-92	TOLUENE	290.0000	UG/KG			28.0000	V	ND	0.3	0.5
44193	BH40084AE	BH	REAL	21-DEC-92	TOLUENE	150.0000	UG/KG			6.0000	V	ND	13.8	14.0
44193	BH40080AE	BH	REAL	21-DEC-92	TOLUENE	22.0000	UG/KG			6.0000	V	ND	4.3	4.5
44193	BH40082AE	BH	REAL	21-DEC-92	TOLUENE	33.0000	UG/KG			5.0000	V	ND	8.4	8.6
44393	BH40034AE	BH	REAL	08-FEB-93	TOLUENE	780.0000	UG/KG			28.0000	V	ND	1.1	1.3
44393	BH40035AE	BH	REAL	08-FEB-93	TOLUENE	300.0000	UG/KG			12.0000	V	ND	5.4	5.6
44393	BH40037AE	BH	REAL	08-FEB-93	TOLUENE	75.0000	UG/KG			6.0000	V	ND	9.6	9.8
44593	BH40002AE	BH	REAL	14-DEC-92	TOLUENE	210.0000	UG/KG			5.0000	V	ND	0.5	0.7
44593	BH40006AE	BH	REAL	14-DEC-92	TOLUENE	120.0000	UG/KG			5.0000	V	ND	13.8	14.0
44593	BH40003AE	BH	REAL	14-DEC-92	TOLUENE	62.0000	UG/KG			5.0000	V	ND	5.6	5.8
44593	BH40004AE	BH	REAL	14-DEC-92	TOLUENE	97.0000	UG/KG			5.0000	V	ND	9.3	9.5
44793	BH40137AE	BH	REAL	12-JAN-93	TOLUENE	670.0000	UG/KG			27.0000	V	ND	1.4	1.55
44793	BH40135AE	BH	REAL	12-JAN-93	TOLUENE	120.0000	UG/KG			6.0000	V	ND	4.1	4.35
44893	BH40190AE	BH	REAL	14-JAN-93	TOLUENE	110.0000	UG/KG			6.0000	V	ND	1.55	1.8
44893	BH40195AE	BH	REAL	15-JAN-93	TOLUENE	76.0000	UG/KG			6.0000	V	ND	12.0	12.2
44893	BH40194AE	BH	REAL	15-JAN-93	TOLUENE	97.0000	UG/KG			6.0000	V	ND	15.9	16.1
44893	BH40189AE	BH	REAL	14-JAN-93	TOLUENE	120.0000	UG/KG			6.0000	V	ND	5.55	5.80
44893	BH40192AE	BH	REAL	15-JAN-93	TOLUENE	130.0000	UG/KG			6.0000	V	ND	7.0	7.2
45693	BH40375AE	BH	REAL	19-MAR-93	TOLUENE	120.0000	UG/KG			7.0000	V	ND	1.05	1.3
45693	BH40376AE	BH	REAL	19-MAR-93	TOLUENE	110.0000	UG/KG			6.0000	V	ND	5.35	5.6
45693	BH40373AE	BH	REAL	19-MAR-93	TOLUENE	220.0000	UG/KG			6.0000	V	ND	8.55	8.8
45793	BH40558AE	BH	REAL	18-MAR-93	TOLUENE	450.0000	UG/KG			32.0000	V	ND	1.25	1.5
45793	BH40560AE	BH	REAL	18-MAR-93	TOLUENE	86.0000	UG/KG			6.0000	V	ND	5.45	5.7
45893	BH40378AE	BH	REAL	16-MAR-93	TOLUENE	120.0000	UG/KG			6.0000	V	ND	2.2	2.4
45893	BH40379AE	BH	REAL	16-MAR-93	TOLUENE	48.0000	UG/KG			6.0000	V	ND	5.0	5.25
45893	BH40381AE	BH	REAL	16-MAR-93	TOLUENE	66.0000	UG/KG			5.0000	V	ND	9.25	9.5
46193	BH40386AE	BH	REAL	24-MAR-93	TOLUENE	360.0000	UG/KG			30.0000	V	ND	0.4	0.6
46193	BH40387AE	BH	REAL	24-MAR-93	TOLUENE	72.0000	UG/KG			6.0000	V	ND	7.6	7.8
46293	BH40566AE	BH	REAL	25-MAR-93	TOLUENE	160.0000	UG/KG			6.0000	V	ND	2.4	2.6
46593	BH40704AE	BH	REAL	06-NOV-93	TOLUENE	18.0000	UG/KG			5.0000	Y	ND	5.75	6.75
46593	BH40712AE	BH	REAL	08-NOV-93	TOLUENE	66.0000	UG/KG			5.0000	Y	ND	9.95	10.2
46693	BH40716AE	BH	REAL	08-NOV-93	TOLUENE	130.0000	UG/KG			5.0000	Y	ND	1.20	1.45
46693	BH40727AE	BH	REAL	09-NOV-93	TOLUENE	22.0000	UG/KG			5.0000	Y	ND	14.3	14.6
46693	BH40719AE	BH	REAL	09-NOV-93	TOLUENE	21.0000	UG/KG			5.0000	Y	ND	5.75	6.00
46693	BH40719AE	BH	REAL	09-NOV-93	TOLUENE	10.0000	UG/KG			5.0000	Y	ND	5.75	6.00
46793	BH40730AE	BH	REAL	10-NOV-93	TOLUENE	61.0000	UG/KG			5.0000	Y	ND	1.25	1.50
46793	BH40733AE	BH	REAL	10-NOV-93	TOLUENE	39.0000	UG/KG			5.0000	Y	ND	5.75	6.00
46793	BH40741AE	BH	REAL	10-NOV-93	TOLUENE	97.0000	UG/KG			5.0000	Y	ND	8.05	8.30
46893	BH40744AE	BH	REAL	19-NOV-93	TOLUENE	110.0000	UG/KG			5.0000	V	ND	1.35	1.60
46893	BH40750AE	BH	REAL	19-NOV-93	TOLUENE	41.0000	UG/KG			5.0000	V	ND	10.0	10.3
46893	BH40755AE	BH	REAL	19-NOV-93	TOLUENE	59.0000	UG/KG			5.0000	V	ND	11.9	12.2
46893	BH40747AE	BH	REAL	19-NOV-93	TOLUENE	57.0000	UG/KG			5.0000	V	ND	6.15	6.40
46993	BH40758AE	BH	REAL	22-NOV-93	TOLUENE	32.0000	UG/KG			5.0000	V	ND	2.65	2.90
46993	BH40769AE	BH	REAL	22-NOV-93	TOLUENE	66.0000	UG/KG			5.0000	V	ND	6.55	6.80

Appendix II.Z-1
Historical - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
3987	BH398702DH	BH	REAL	12-AUG-87	2-BUTANONE	40.0000	UG/KG		J	0.0000		ND	2.0	3.4
3987	BH398704DH	BH	REAL	12-AUG-87	2-BUTANONE	56.0000	UG/KG			0.0000		ND	4.0	5.5
3987	BH398707DH	BH	REAL	12-AUG-87	2-BUTANONE	88.0000	UG/KG			0.0000		ND	7.0	8.0
3987	BH398712UC	BH	REAL	12-AUG-87	2-BUTANONE	48.0000	UG/KG		J	0.0000		ND	12.0	14.0
3987	BH398714CT	BH	REAL	12-AUG-87	2-BUTANONE	72.0000	UG/KG			0.0000		ND	14.5	17.0
3987	BH398717BR	BH	REAL	12-AUG-87	2-BUTANONE	58.0000	UG/KG			0.0000		ND	17.0	19.5
3987	BH398719DH	BH	REAL	12-AUG-87	2-BUTANONE	55.0000	UG/KG			0.0000		ND	19.5	22.0
P207589	SEP0389BR2022	BH	REAL	18-MAY-89	2-BUTANONE	2.0000	UG/G		J	12.0000		ND	20.1	22.1
P207889	SEP06890406	BH	REAL	01-MAY-89	2-BUTANONE	1.0000	UG/G		J	12.0000	A	ND	4.5	5.5
P210189	SEP3089BR0002	BH	REAL	19-MAY-89	2-BUTANONE	370.0000	UG/KG		JB	1300.0000	R	ND	0.0	2.3
P210189	SEP3089BR0406	BH	REAL	19-MAY-89	2-BUTANONE	300.0000	UG/KG		JB	1400.0000	R	ND	4.6	6.6
P210189	SEP3089BR0810	BH	REAL	19-MAY-89	2-BUTANONE	470.0000	UG/KG		J	1400.0000	R	ND	8.6	9.4
P210189	SEP3089BR1214	BH	REAL	19-MAY-89	2-BUTANONE	530.0000	UG/KG		JB	1200.0000	R	ND	12.6	13.6
P210189	SEP3089BR1618	BH	REAL	19-MAY-89	2-BUTANONE	330.0000	UG/KG		JB	1400.0000	R	ND	16.6	18.6
P210189	SEP3089BR2022	BH	REAL	19-MAY-89	2-BUTANONE	550.0000	UG/KG		JB	1400.0000	R	ND	20.6	22.6
P210189	SEP3089BR2426	BH	REAL	19-MAY-89	2-BUTANONE	690.0000	UG/KG		JB	1500.0000	R	ND	24.6	26.6
SP0687	SP068708DH	BH	REAL	18-NOV-87	2-BUTANONE	12.0000	UG/KG		J	50.0000		ND	8.0	10.4
SP1187	SP118714DH	BH	REAL	04-NOV-87	2-BUTANONE	29.3000	UG/KG		J	50.0000		ND	14.0	15.1
02691	BH00123WCU2	BH	REAL	12-NOV-91	ACETONE	12.0000	UG/KG		B	10.0000		ND	13.8	14.0
02691	BH00121WCU2	BH	REAL	12-NOV-91	ACETONE	14.0000	UG/KG		B	10.0000		ND	3.7	3.9
3787	BH378705WS	BH	REAL	16-JUL-87	ACETONE	99.0000	UG/KG			0.0000		ND	5.0	5.0
3787	BH37871113	BH	REAL	17-JUL-87	ACETONE	48.0000	UG/KG		JB	0.0000		ND	11.0	12.3
3787	BH378721CT	BH	REAL	17-JUL-87	ACETONE	130.0000	UG/KG		B	0.0000		ND	18.0	21.7
3787	BH378725BR	BH	REAL	17-JUL-87	ACETONE	150.0000	UG/KG		B	0.0000		ND	25.0	26.2
3887	BH38870010	BH	REAL	14-JUL-87	ACETONE	86.0000	UG/KG		JB	0.0000		ND	0.0	9.5
3887	BH388710WS	BH	REAL	14-JUL-87	ACETONE	120.0000	UG/KG		B	0.0000		ND	9.5	10.9
3887	BH388720BR	BH	REAL	14-JUL-87	ACETONE	87.0000	UG/KG		B	0.0000		ND	20.4	21.3
3987	BH398702DH	BH	REAL	12-AUG-87	ACETONE	79.0000	UG/KG			0.0000		ND	2.0	3.4
3987	BH398704DH	BH	REAL	12-AUG-87	ACETONE	170.0000	UG/KG			0.0000		ND	4.0	5.5
3987	BH398707DH	BH	REAL	12-AUG-87	ACETONE	220.0000	UG/KG			0.0000		ND	7.0	8.0
3987	BH398712UC	BH	REAL	12-AUG-87	ACETONE	150.0000	UG/KG			0.0000		ND	12.0	14.0
3987	BH398714CT	BH	REAL	12-AUG-87	ACETONE	170.0000	UG/KG			0.0000		ND	14.5	17.0
3987	BH398717BR	BH	REAL	12-AUG-87	ACETONE	120.0000	UG/KG			0.0000		ND	17.0	19.5
3987	BH398719DH	BH	REAL	12-AUG-87	ACETONE	140.0000	UG/KG			0.0000		ND	19.5	22.0
40191	BH00007EB	BH	REAL	18-SEP-91	ACETONE	4.0000	UG/KG		J	10.0000	A	ND	15.7	16.0
40191	BH00005EB	BH	REAL	18-SEP-91	ACETONE	5.0000	UG/KG		J	10.0000	A	ND	9.75	10.0
5687	BH568717WT	BH	REAL	11-SEP-87	ACETONE	74.0000	UG/KG		B	0.0000		ND	17.0	18.9
5687	BH568720CT	BH	REAL	11-SEP-87	ACETONE	120.0000	UG/KG		B	0.0000		ND	19.5	22.0
5687	BH568722BR	BH	REAL	11-SEP-87	ACETONE	110.0000	UG/KG		B	0.0000		ND	22.0	24.3
P207589	SEP0389BR0810	BH	REAL	18-MAY-89	ACETONE	14.0000	UG/G		B	12.0000		ND	8.1	9.7
P207589	SEP0389BR1214	BH	REAL	18-MAY-89	ACETONE	12.0000	UG/G		JB	13.0000		ND	12.1	14.1
P207589	SEP0389BR1618	BH	REAL	18-MAY-89	ACETONE	12.0000	UG/G		B	12.0000		ND	16.1	18.1
P207689	SEP04890002	BH	REAL	05-MAY-89	ACETONE	8.0000	UG/G		J	12.0000	A	ND	0.0	1.6
P207689	SEP04890406	BH	REAL	05-MAY-89	ACETONE	11.0000	UG/G			11.0000	A	ND	4.2	5.7
P207689	SEP04890810	BH	REAL	05-MAY-89	ACETONE	7.0000	UG/G		J	11.0000	A	ND	8.2	10.0
P207689	SEP04891214	BH	REAL	05-MAY-89	ACETONE	9.0000	UG/G		J	13.0000	A	ND	12.2	14.2
P207789	SEP0589BR0002	BH	REAL	05-MAY-89	ACETONE	14.0000	UG/G			12.0000	A	ND	0.0	1.4
P207789	SEP0589BR0406	BH	REAL	05-MAY-89	ACETONE	9.0000	UG/G		J	11.0000	A	ND	4.3	5.8
P207889	SEP06890002	BH	REAL	01-MAY-89	ACETONE	4.0000	UG/G		JB	11.0000	A	ND	0.0	1.0
P207989	SEP0789BR0002	BH	REAL	02-MAY-89	ACETONE	4.0000	UG/G		J	11.0000	A	ND	0.0	2.0
P207989	SEP0789BR0406	BH	REAL	02-MAY-89	ACETONE	14.0000	UG/G			12.0000	A	ND	4.2	6.2
P207989	SEP0789BR0608	BH	REAL	02-MAY-89	ACETONE	6.0000	UG/G		J	13.0000	A	ND	6.2	8.2
P207989	SEP0789BR1012	BH	REAL	02-MAY-89	ACETONE	4.0000	UG/G		J	12.0000	A	ND	10.2	12.2
P207989	SEP0789BR1416	BH	REAL	02-MAY-89	ACETONE	5.0000	UG/G		J	12.0000	A	ND	14.2	16.2
P207989	SEP0789BR1820	BH	REAL	02-MAY-89	ACETONE	4.0000	UG/G		J	12.0000	A	ND	18.2	20.2
P208889	SEP1689BR0002	BH	REAL	09-MAY-89	ACETONE	11.0000	UG/G		J	13.0000	A	ND	0.0	1.0

Appendix II.Z-1
Historical - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P208889	SEP1789BR1618	BH	REAL	09-MAY-89	ACETONE	9.0000	UG/G		J	12.0000	A	ND	15.5	17.5
P208989	SEP1789BR0002	BH	REAL	12-MAY-89	ACETONE	6.0000	UG/KG		J	12.0000	A	ND	0.0	0.3
P208989	SEP1789BR0406	BH	REAL	12-MAY-89	ACETONE	6.0000	UG/KG		J	12.0000	A	ND	4.6	6.6
P208989	SEP1789BR0810	BH	REAL	12-MAY-89	ACETONE	14.0000	UG/KG			12.0000	V	ND	8.6	10.6
P208989	SEP1789BR1618	BH	REAL	12-MAY-89	ACETONE	15.0000	UG/KG			12.0000	V	ND	16.6	18.6
P209089	SEP1889BR0810	BH	REAL	17-MAY-89	ACETONE	5.0000	UG/G		J	10.0000		ND	7.5	8.6
P209089	SEP1889BR1214	BH	REAL	17-MAY-89	ACETONE	4.0000	UG/G		J	12.0000		ND	11.5	13.5
P209189	SEP1989BR0002	BH	REAL	25-MAY-89	ACETONE	22.0000	UG/KG		B	12.0000	A	ND	0.0	1.3
P209189	SEP1989BR0406	BH	REAL	25-MAY-89	ACETONE	30.0000	UG/KG		B	12.0000	A	ND	4.3	6.3
P209189	SEP1989BR0810	BH	REAL	25-MAY-89	ACETONE	23.0000	UG/KG		B	11.0000	A	ND	8.3	9.5
P209189	SEP1989BR1214	BH	REAL	25-MAY-89	ACETONE	24.0000	UG/KG		B	12.0000	A	ND	12.3	14.3
P209189	SEP1989BR1618	BH	REAL	25-MAY-89	ACETONE	31.0000	UG/KG		B	12.0000	A	ND	16.3	18.3
P209189	SEP1989BR2223	BH	REAL	25-MAY-89	ACETONE	12.0000	UG/KG		B	12.0000	A	ND	22.3	23.3
P209289	SEP20891214	BH	REAL	08-JUN-89	ACETONE	8.0000	UG/G		J	12.0000		ND	11.8	12.2
P209289	SEP20891618	BH	REAL	08-JUN-89	ACETONE	9.0000	UG/G		J	12.0000		ND	15.8	17.8
P209389	SEP2189BR0406	BH	REAL	07-JUN-89	ACETONE	24.0000	UG/G			11.0000		ND	4.2	5.8
P209389	SEP2189BR0810	BH	REAL	07-JUN-89	ACETONE	6.0000	UG/G		J	12.0000		ND	8.2	9.8
P209389	SEP2189BR1416	BH	REAL	07-JUN-89	ACETONE	11.0000	UG/G		J	12.0000		ND	14.2	16.2
P209389	SEP2189BR1820	BH	REAL	07-JUN-89	ACETONE	6.0000	UG/G		J	11.0000		ND	18.2	20.2
P209389	SEP2189BR2224	BH	REAL	07-JUN-89	ACETONE	8.0000	UG/G		J	11.0000		ND	22.2	24.2
P209489	SEP2289BR0002	BH	REAL	16-MAY-89	ACETONE	2.0000	UG/KG		J	11.0000	A	ND	0.0	1.2
P209489	SEP2289BR1214	BH	REAL	16-MAY-89	ACETONE	5.0000	UG/KG		J	11.0000	A	ND	12.0	13.3
P209489	SEP2289BR1618	BH	REAL	16-MAY-89	ACETONE	4.0000	UG/KG		J	12.0000	A	ND	16.0	18.0
P209589	SEP2389BR0002	BH	REAL	10-MAY-89	ACETONE	18.0000	UG/G		J	80.0000	A	ND	0.0	2.0
P209589	SEP2389BR0406	BH	REAL	10-MAY-89	ACETONE	13.0000	UG/G			12.0000	A	ND	4.0	6.0
P209589	SEP2389BR0810	BH	REAL	10-MAY-89	ACETONE	49.0000	UG/G			11.0000	A	ND	8.0	10.0
P209589	SEP2389BR1820	BH	REAL	10-MAY-89	ACETONE	10.0000	UG/G		J	12.0000	A	ND	18.3	20.3
P209689	SEP2489BR0002	BH	REAL	03-MAY-89	ACETONE	4.0000	UG/G		J	11.0000	A	ND	0.0	1.0
P209689	SEP2489BR1618	BH	REAL	03-MAY-89	ACETONE	5.0000	UG/G		J	12.0000		ND	16.2	18.2
P209689	SEP2489BR2022	BH	REAL	03-MAY-89	ACETONE	6.0000	UG/G		J	12.0000	A	ND	20.2	22.2
P209689	SEP2489BR2426	BH	REAL	03-MAY-89	ACETONE	5.0000	UG/G		J	12.0000	A	ND	24.2	26.2
P209789	SEP25890002	BH	REAL	04-MAY-89	ACETONE	3.0000	UG/G		JB	10.0000	A	ND	0.0	1.0
P209789	SEP25890810	BH	REAL	04-MAY-89	ACETONE	18.0000	UG/G		B	12.0000	A	ND	8.2	9.6
P209789	SEP25891214	BH	REAL	04-MAY-89	ACETONE	11.0000	UG/G		JB	12.0000	A	ND	12.2	14.2
P210189	SEP3089BR0002	BH	REAL	19-MAY-89	ACETONE	640.0000	UG/KG		JB	1300.0000	A	ND	0.0	2.3
P210189	SEP3089BR0406	BH	REAL	19-MAY-89	ACETONE	800.0000	UG/KG		JB	1400.0000	A	ND	4.6	6.6
P210189	SEP3089BR1214	BH	REAL	19-MAY-89	ACETONE	990.0000	UG/KG		JB	1200.0000	A	ND	12.6	13.6
P210189	SEP3089BR2022	BH	REAL	19-MAY-89	ACETONE	2700.0000	UG/KG		B	1400.0000	A	ND	20.6	22.6
P210189	SEP3089BR2426	BH	REAL	19-MAY-89	ACETONE	1700.0000	UG/KG		B	1500.0000	A	ND	24.6	26.6
P210289	SEP3189BR0002	BH	REAL	15-MAY-89	ACETONE	4.0000	UG/KG		J	12.0000	A	ND	0.0	1.7
P210289	SEP3189BR1214	BH	REAL	15-MAY-89	ACETONE	6.0000	UG/KG		J	12.0000	A	ND	12.0	14.0
P210289	SEP3189BR1618	BH	REAL	15-MAY-89	ACETONE	6.0000	UG/KG		J	12.0000	A	ND	16.0	18.0
P213089	BH77401890102	BH	REAL	29-AUG-89	ACETONE	10.0000	UG/KG		J	10.0000	A	ND	1.0	2.0
P213089	BH77401890204	BH	REAL	29-AUG-89	ACETONE	8.0000	UG/KG		J	10.0000	A	ND	2.0	3.2
P213089	BH77401890406	BH	REAL	29-AUG-89	ACETONE	9.0000	UG/KG		J	10.0000	A	ND	4.0	5.4
P213089	BH77401890608	BH	REAL	29-AUG-89	ACETONE	15.0000	UG/KG			10.0000	V	ND	6.0	7.3
P213089	BH77401890810	BH	REAL	29-AUG-89	ACETONE	9.0000	UG/KG		J	10.0000	A	ND	8.0	10.0
P213089	BH77401891012	BH	REAL	29-AUG-89	ACETONE	4.0000	UG/KG		J	10.0000	A	ND	10.0	12.0
P213089	BH77401891213	BH	REAL	29-AUG-89	ACETONE	3.0000	UG/KG		J	10.0000	V	ND	12.0	13.0
P213289	BH77403890002	BH	REAL	29-AUG-89	ACETONE	7.0000	UG/G		J	12.0000		ND	0.5	2.0
P213289	BH77403890204	BH	REAL	29-AUG-89	ACETONE	22.0000	UG/KG			10.0000	V	ND	2.0	4.0
P213389	BH77404890002	BH	REAL	30-AUG-89	ACETONE	2.0000	UG/KG		J	10.0000	S	ND	0.0	0.6
P213389	BH77404890204	BH	REAL	30-AUG-89	ACETONE	3.0000	UG/KG		J	10.0000	A	ND	2.0	2.3
P213389	BH77404890910	BH	REAL	30-AUG-89	ACETONE	4.0000	UG/KG		J	10.0000	A	ND	9.0	9.3
P213389	BH77404891012	BH	REAL	30-AUG-89	ACETONE	3.0000	UG/KG		J	10.0000	A	ND	10.0	11.9
P218389	P2183890204	BH	REAL	08-NOV-89	ACETONE	20.0000	UG/KG		J	10.0000	A	ND	2.0	4.0
P218389	P2183890406	BH	REAL	08-NOV-89	ACETONE	25.0000	UG/KG			10.0000	A	ND	4.0	5.3
P218389	P2183890608	BH	REAL	08-NOV-89	ACETONE	36.0000	UG/KG		J	10.0000	A	ND	6.0	6.8

Appendix II.2-1
Historical - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P218389	P2183891012	BH	REAL	08-NOV-89	ACETONE	21.0000	UG/KG		J	10.0000	A	ND	10.0	10.5
P218389	P2183891214	BH	REAL	08-NOV-89	ACETONE	10.0000	UG/KG		J	10.0000	A	ND	12.0	14.0
P218389	P2183891416	BH	REAL	08-NOV-89	ACETONE	11.0000	UG/KG		J	10.0000	A	ND	14.0	16.0
P219489	P2194890204	BH	REAL	05-DEC-89	ACETONE	200.0000	UG/KG		J	10.0000	A	ND	2.0	3.9
P219489	P2194890608	BH	REAL	05-DEC-89	ACETONE	60.0000	UG/G			11.0000		ND	3.0	7.8
P219489	P2194890406	BH	REAL	05-DEC-89	ACETONE	150.0000	UG/KG		J	10.0000	A	ND	4.0	6.0
P219489	P2194890810	BH	REAL	05-DEC-89	ACETONE	120.0000	UG/KG			10.0000	A	ND	8.0	10.0
P219489	P2194891416	BH	REAL	05-DEC-89	ACETONE	92.0000	UG/KG		J	10.0000	A	ND	14.0	16.0
P219589	P2195890002	BH	REAL	07-DEC-89	ACETONE	100.0000	UG/KG		J	10.0000	A	ND	0.0	1.0
P219589	P2195890204	BH	REAL	07-DEC-89	ACETONE	44.0000	UG/KG		J	10.0000	A	ND	2.0	4.0
P219589	P2195890406	BH	REAL	07-DEC-89	ACETONE	6.0000	UG/KG		J	10.0000	A	ND	4.0	5.4
P219589	P2195891214	BH	REAL	07-DEC-89	ACETONE	32.0000	UG/KG		J	10.0000	A	ND	12.0	13.2
P219589	P2195891618	BH	REAL	07-DEC-89	ACETONE	4.0000	UG/KG		JB	10.0000	A	ND	16.0	17.2
P219589	P2195891820	BH	REAL	07-DEC-89	ACETONE	44.0000	UG/KG		J	10.0000	A	ND	18.0	20.0
3787	BH378705WS	BH	REAL	16-JUL-87	BIS(2-ETHYLHEXYL)PHTHALATE	420.0000	UG/KG			0.0000	N	ND	5.0	5.0
3787	BH37871113	BH	REAL	17-JUL-87	BIS(2-ETHYLHEXYL)PHTHALATE	280.0000	UG/KG		J	0.0000	N	ND	11.0	12.3
3787	BH378721CT	BH	REAL	17-JUL-87	BIS(2-ETHYLHEXYL)PHTHALATE	550.0000	UG/KG			0.0000	N	ND	18.0	21.7
3787	BH378725BR	BH	REAL	17-JUL-87	BIS(2-ETHYLHEXYL)PHTHALATE	420.0000	UG/KG			0.0000	N	ND	25.0	26.2
3887	BH38870010	BH	REAL	14-JUL-87	BIS(2-ETHYLHEXYL)PHTHALATE	4600.0000	UG/KG			0.0000	N	ND	0.0	9.5
3887	BH388710WS	BH	REAL	14-JUL-87	BIS(2-ETHYLHEXYL)PHTHALATE	2500.0000	UG/KG			0.0000	N	ND	9.5	10.9
3887	BH388720BR	BH	REAL	14-JUL-87	BIS(2-ETHYLHEXYL)PHTHALATE	12000.0000	UG/KG			0.0000	N	ND	20.4	21.3
3987	BH398702DH	BH	REAL	12-AUG-87	BIS(2-ETHYLHEXYL)PHTHALATE	370.0000	UG/KG			0.0000	N	ND	2.0	3.4
3987	BH398704DH	BH	REAL	12-AUG-87	BIS(2-ETHYLHEXYL)PHTHALATE	280.0000	UG/KG		J	0.0000	N	ND	4.0	5.5
3987	BH398707DH	BH	REAL	12-AUG-87	BIS(2-ETHYLHEXYL)PHTHALATE	180.0000	UG/KG		J	0.0000	N	ND	7.0	8.0
3987	BH398712UC	BH	REAL	12-AUG-87	BIS(2-ETHYLHEXYL)PHTHALATE	240.0000	UG/KG		J	0.0000	N	ND	12.0	14.0
3987	BH398714CT	BH	REAL	12-AUG-87	BIS(2-ETHYLHEXYL)PHTHALATE	250.0000	UG/KG		J	0.0000	N	ND	14.5	17.0
3987	BH398717BR	BH	REAL	12-AUG-87	BIS(2-ETHYLHEXYL)PHTHALATE	250.0000	UG/KG		J	0.0000	N	ND	17.0	19.5
3987	BH398719DH	BH	REAL	12-AUG-87	BIS(2-ETHYLHEXYL)PHTHALATE	210.0000	UG/KG		J	0.0000	N	ND	19.5	22.0
5687	BH568717WT	BH	REAL	11-SEP-87	BIS(2-ETHYLHEXYL)PHTHALATE	1100.0000	UG/KG		B	0.0000	N	ND	17.0	18.9
5687	BH568720CT	BH	REAL	11-SEP-87	BIS(2-ETHYLHEXYL)PHTHALATE	880.0000	UG/KG		B	0.0000	N	ND	19.5	22.0
5687	BH568722BR	BH	REAL	11-SEP-87	BIS(2-ETHYLHEXYL)PHTHALATE	1000.0000	UG/KG		B	0.0000	N	ND	22.0	24.3
SP0387	SP038702DH	BH	REAL	21-OCT-87	BIS(2-ETHYLHEXYL)PHTHALATE	830.0000	UG/KG			330.0000		ND	2.0	3.5
P207889	SEP06890406	BH	REAL	01-MAY-89	CHLOROFORM	1.0000	UG/G		J	6.0000	A	ND	4.5	5.5
P209289	SEP20891214	BH	REAL	08-JUN-89	CHLOROFORM	8.0000	UG/G			6.0000		ND	11.8	12.2
P209389	SEP2189BR0810	BH	REAL	07-JUN-89	CHLOROFORM	15.0000	UG/G			6.0000		ND	8.2	9.8
P209689	SEP2489BR0002	BH	REAL	03-MAY-89	CHLOROFORM	1.0000	UG/G		J	5.0000	A	ND	0.0	1.0
P209689	SEP2489BR1214	BH	REAL	03-MAY-89	CHLOROFORM	1.0000	UG/G		J	6.0000	A	ND	12.2	14.2
P219489	P2194892426	BH	REAL	06-DEC-89	CHLOROFORM	2.0000	UG/KG		J	5.0000	A	ND	24.0	26.0
SP0187	SP018704DH	BH	REAL	27-OCT-87	CHLOROFORM	6.0000	UG/KG		J	25.0000		ND	4.0	5.0
SP0187	SP018713DH	BH	REAL	27-OCT-87	CHLOROFORM	6.0000	UG/KG		J	25.0000		ND	12.7	14.9
SP0287	SP028711CT	BH	REAL	29-OCT-87	CHLOROFORM	18.0000	UG/KG		J	25.0000		ND	10.1	12.6
SP0287	SP028713BR	BH	REAL	29-OCT-87	CHLOROFORM	6.0000	UG/KG		J	25.0000		ND	12.6	15.1
SP0387	SP038716BR	BH	REAL	26-OCT-87	CHLOROFORM	5.0000	UG/KG		J	25.0000		ND	15.2	16.9
SP0487	SP048710DH	BH	REAL	03-NOV-87	CHLOROFORM	11.0000	UG/KG		J	25.0000		ND	9.5	10.1
SP0487	SP048712DH	BH	REAL	03-NOV-87	CHLOROFORM	10.0000	UG/KG		J	25.0000		ND	12.0	14.5
SP0887	SP088709BR	BH	REAL	29-OCT-87	CHLOROFORM	10.0000	UG/KG		J	25.0000		ND	9.0	11.5
SP0987	SP098703UC	BH	REAL	02-NOV-87	CHLOROFORM	10.0000	UG/KG		J	25.0000		ND	3.0	5.1
3787	BH378725BR	BH	REAL	17-JUL-87	DI-n-BUTYL PHTHALATE	41.0000	UG/KG		J	0.0000	N	ND	25.0	26.2
3887	BH38870010	BH	REAL	14-JUL-87	DI-n-BUTYL PHTHALATE	41.0000	UG/KG		J	0.0000	N	ND	0.0	9.5
3887	BH388710WS	BH	REAL	14-JUL-87	DI-n-BUTYL PHTHALATE	73.0000	UG/KG		J	0.0000	N	ND	9.5	10.9
3887	BH388720BR	BH	REAL	14-JUL-87	DI-n-BUTYL PHTHALATE	100.0000	UG/KG		J	0.0000	N	ND	20.4	21.3
5687	BH568717WT	BH	REAL	11-SEP-87	DI-n-BUTYL PHTHALATE	50.0000	UG/KG		JB	0.0000	N	ND	17.0	18.9
5687	BH568720CT	BH	REAL	11-SEP-87	DI-n-BUTYL PHTHALATE	50.0000	UG/KG		JB	0.0000	N	ND	19.5	22.0
5687	BH568722BR	BH	REAL	11-SEP-87	DI-n-BUTYL PHTHALATE	47.0000	UG/KG		JB	0.0000	N	ND	22.0	24.3
SP0387	SP038702DH	BH	REAL	21-OCT-87	DI-n-BUTYL PHTHALATE	44.0000	UG/KG		J	330.0000		ND	2.0	3.5

Appendix II.Z-1
Historical - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
02691	BH00123WCU2	BH	REAL	12-NOV-91	METHYLENE CHLORIDE	3.0000	UG/KG		BJ	5.0000		ND	13.8	14.0
02691	BH00121WCU2	BH	REAL	12-NOV-91	METHYLENE CHLORIDE	2.0000	UG/KG		BJ	5.0000		ND	3.7	3.9
3787	BH378705WS	BH	REAL	16-JUL-87	METHYLENE CHLORIDE	12.0000	UG/KG		J	0.0000		ND	5.0	5.0
3787	BH37871113	BH	REAL	17-JUL-87	METHYLENE CHLORIDE	17.0000	UG/KG		JB	0.0000		ND	11.0	12.3
3787	BH378721CT	BH	REAL	17-JUL-87	METHYLENE CHLORIDE	12.0000	UG/KG		JB	0.0000		ND	18.0	21.7
3787	BH378725BR	BH	REAL	17-JUL-87	METHYLENE CHLORIDE	17.0000	UG/KG		JB	0.0000		ND	25.0	26.2
3887	BH38870010	BH	REAL	14-JUL-87	METHYLENE CHLORIDE	12.0000	UG/KG		J	0.0000		ND	0.0	9.5
3887	BH388710WS	BH	REAL	14-JUL-87	METHYLENE CHLORIDE	12.0000	UG/KG		J	0.0000		ND	9.5	10.9
3887	BH388720BR	BH	REAL	14-JUL-87	METHYLENE CHLORIDE	12.0000	UG/KG		J	0.0000		ND	20.4	21.3
5687	BH568717WT	BH	REAL	11-SEP-87	METHYLENE CHLORIDE	5.0000	UG/KG		J	0.0000		ND	17.0	18.9
5687	BH568720CT	BH	REAL	11-SEP-87	METHYLENE CHLORIDE	48.0000	UG/KG			0.0000		ND	19.5	22.0
5687	BH568722BR	BH	REAL	11-SEP-87	METHYLENE CHLORIDE	26.0000	UG/KG			0.0000		ND	22.0	24.3
P207589	SEP0389BR0002	BH	REAL	18-MAY-89	METHYLENE CHLORIDE	4.0000	UG/G		J	6.0000		ND	0.0	2.1
P207589	SEP0389BR0406	BH	REAL	18-MAY-89	METHYLENE CHLORIDE	7.0000	UG/G		B	6.0000		ND	4.1	5.4
P207589	SEP0389BR0810	BH	REAL	18-MAY-89	METHYLENE CHLORIDE	6.0000	UG/G		B	6.0000		ND	8.1	9.7
P207589	SEP0389BR1214	BH	REAL	18-MAY-89	METHYLENE CHLORIDE	6.0000	UG/G		B	6.0000		ND	12.1	14.1
P207589	SEP0389BR1618	BH	REAL	18-MAY-89	METHYLENE CHLORIDE	6.0000	UG/G		B	6.0000		ND	16.1	18.1
P207589	SEP0389BR2022	BH	REAL	18-MAY-89	METHYLENE CHLORIDE	6.0000	UG/G		B	6.0000		ND	20.1	22.1
P207689	SEP04890002	BH	REAL	05-MAY-89	METHYLENE CHLORIDE	14.0000	UG/G			6.0000	V	ND	0.0	1.6
P207689	SEP04890406	BH	REAL	05-MAY-89	METHYLENE CHLORIDE	18.0000	UG/G			6.0000	V	ND	4.2	5.7
P207689	SEP04890810	BH	REAL	05-MAY-89	METHYLENE CHLORIDE	21.0000	UG/G			6.0000	V	ND	8.2	10.0
P207689	SEP04891214	BH	REAL	05-MAY-89	METHYLENE CHLORIDE	26.0000	UG/G			6.0000	V	ND	12.2	14.2
P207789	SEP0589BR0002	BH	REAL	05-MAY-89	METHYLENE CHLORIDE	19.0000	UG/G			6.0000	V	ND	0.0	1.4
P207789	SEP0589BR0406	BH	REAL	05-MAY-89	METHYLENE CHLORIDE	11.0000	UG/G			6.0000	V	ND	4.3	5.8
P207789	SEP0589BR0810	BH	REAL	05-MAY-89	METHYLENE CHLORIDE	7.0000	UG/G			6.0000	V	ND	8.3	10.3
P207789	SEP0589BR1214	BH	REAL	05-MAY-89	METHYLENE CHLORIDE	3.0000	UG/G		J	6.0000	A	ND	12.3	14.3
P207789	SEP0589BR1618	BH	REAL	05-MAY-89	METHYLENE CHLORIDE	4.0000	UG/G		J	6.0000	A	ND	16.3	18.3
P207789	SEP0589BR2022	BH	REAL	05-MAY-89	METHYLENE CHLORIDE	4.0000	UG/G		J	6.0000	A	ND	20.3	22.3
P207789	SEP0589BR2426	BH	REAL	05-MAY-89	METHYLENE CHLORIDE	3.0000	UG/G		J	6.0000	A	ND	24.3	26.3
P207889	SEP06890002	BH	REAL	01-MAY-89	METHYLENE CHLORIDE	5.0000	UG/G		B	5.0000	A	ND	0.0	1.0
P207889	SEP06890406	BH	REAL	01-MAY-89	METHYLENE CHLORIDE	7.0000	UG/G		B	6.0000	A	ND	4.5	5.5
P207989	SEP0789BR0002	BH	REAL	02-MAY-89	METHYLENE CHLORIDE	9.0000	UG/G			6.0000	A	ND	0.0	2.0
P207989	SEP0789BR0406	BH	REAL	02-MAY-89	METHYLENE CHLORIDE	20.0000	UG/G			6.0000	A	ND	4.2	6.2
P207989	SEP0789BR0608	BH	REAL	02-MAY-89	METHYLENE CHLORIDE	16.0000	UG/G			6.0000	A	ND	6.2	8.2
P207989	SEP0789BR1012	BH	REAL	02-MAY-89	METHYLENE CHLORIDE	5.0000	UG/G		J	6.0000	A	ND	10.2	12.2
P207989	SEP0789BR1416	BH	REAL	02-MAY-89	METHYLENE CHLORIDE	3.0000	UG/G		J	6.0000	A	ND	14.2	16.2
P207989	SEP0789BR1820	BH	REAL	02-MAY-89	METHYLENE CHLORIDE	4.0000	UG/G		J	6.0000	A	ND	18.2	20.2
P208889	SEP1689BR0406	BH	REAL	09-MAY-89	METHYLENE CHLORIDE	1.0000	UG/G		J	6.0000	A	ND	3.5	5.5
P208889	SEP1689BR0810	BH	REAL	09-MAY-89	METHYLENE CHLORIDE	2.0000	UG/G		J	6.0000	A	ND	7.5	9.5
P208889	SEP1689BR1214	BH	REAL	09-MAY-89	METHYLENE CHLORIDE	2.0000	UG/G		J	6.0000	A	ND	11.5	13.5
P208889	SEP1689BR1618	BH	REAL	09-MAY-89	METHYLENE CHLORIDE	2.0000	UG/G		J	6.0000	A	ND	15.5	17.5
P208989	SEP1789BR0002	BH	REAL	12-MAY-89	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	0.0	0.3
P208989	SEP1789BR0406	BH	REAL	12-MAY-89	METHYLENE CHLORIDE	3.0000	UG/KG		J	6.0000	A	ND	4.6	6.6
P208989	SEP1789BR0810	BH	REAL	12-MAY-89	METHYLENE CHLORIDE	8.0000	UG/KG			6.0000	V	ND	8.6	10.6
P208989	SEP1789BR1214	BH	REAL	12-MAY-89	METHYLENE CHLORIDE	15.0000	UG/KG			6.0000	V	ND	12.6	14.6
P208989	SEP1789BR1618	BH	REAL	12-MAY-89	METHYLENE CHLORIDE	17.0000	UG/KG			6.0000	V	ND	16.6	18.6
P209089	SEP1889BR0002	BH	REAL	17-MAY-89	METHYLENE CHLORIDE	9.0000	UG/G			5.0000		ND	0.0	1.5
P209089	SEP1889BR0406	BH	REAL	17-MAY-89	METHYLENE CHLORIDE	2.0000	UG/G		J	6.0000		ND	3.5	5.2
P209089	SEP1889BR0810	BH	REAL	17-MAY-89	METHYLENE CHLORIDE	1.0000	UG/G		J	5.0000		ND	7.5	8.6
P209089	SEP1889BR1214	BH	REAL	17-MAY-89	METHYLENE CHLORIDE	10.0000	UG/G			6.0000		ND	11.5	13.5
P209089	SEP1889BR1618	BH	REAL	17-MAY-89	METHYLENE CHLORIDE	17.0000	UG/G			6.0000		ND	15.5	17.5
P209089	SEP1889BR2022	BH	REAL	17-MAY-89	METHYLENE CHLORIDE	13.0000	UG/G			6.0000		ND	19.5	21.5
P209089	SEP1889BR2426	BH	REAL	17-MAY-89	METHYLENE CHLORIDE	5.0000	UG/G		J	6.0000		ND	23.5	25.5
P209189	SEP1989BR0002	BH	REAL	25-MAY-89	METHYLENE CHLORIDE	1.0000	UG/KG		J	6.0000	A	ND	0.0	1.3
P209189	SEP1989BR0406	BH	REAL	25-MAY-89	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	4.3	6.3
P209189	SEP1989BR0810	BH	REAL	25-MAY-89	METHYLENE CHLORIDE	2.0000	UG/KG		J	5.0000	A	ND	8.3	9.5
P209189	SEP1989BR1214	BH	REAL	25-MAY-89	METHYLENE CHLORIDE	3.0000	UG/KG		J	6.0000	A	ND	12.3	14.3

Appendix II.Z-1
Historical - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P209189	SEP1989BR1618	BH	REAL	25-MAY-89	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	16.3	18.3
P209189	SEP1989BR2021	BH	REAL	25-MAY-89	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	20.3	21.3
P209189	SEP1989BR2223	BH	REAL	25-MAY-89	METHYLENE CHLORIDE	7.0000	UG/KG			6.0000	V	ND	22.3	23.3
P209289	SEP20890002	BH	REAL	08-JUN-89	METHYLENE CHLORIDE	2.0000	UG/G		J	6.0000		ND	0.0	1.2
P209289	SEP20890406	BH	REAL	08-JUN-89	METHYLENE CHLORIDE	2.0000	UG/G		J	6.0000		ND	3.0	5.8
P209289	SEP20890810	BH	REAL	08-JUN-89	METHYLENE CHLORIDE	6.0000	UG/G			5.0000		ND	7.8	9.2
P209289	SEP20891214	BH	REAL	08-JUN-89	METHYLENE CHLORIDE	6.0000	UG/G			6.0000		ND	11.8	12.2
P209289	SEP20891618	BH	REAL	08-JUN-89	METHYLENE CHLORIDE	8.0000	UG/G			6.0000		ND	15.8	17.8
P209389	SEP2189BR0002	BH	REAL	07-JUN-89	METHYLENE CHLORIDE	8.0000	UG/G			6.0000		ND	0.0	1.7
P209389	SEP2189BR0406	BH	REAL	07-JUN-89	METHYLENE CHLORIDE	3.0000	UG/G		J	6.0000		ND	4.2	5.8
P209389	SEP2189BR0810	BH	REAL	07-JUN-89	METHYLENE CHLORIDE	4.0000	UG/G		J	6.0000		ND	8.2	9.8
P209389	SEP2189BR1416	BH	REAL	07-JUN-89	METHYLENE CHLORIDE	3.0000	UG/G		J	6.0000		ND	14.2	16.2
P209389	SEP2189BR1820	BH	REAL	07-JUN-89	METHYLENE CHLORIDE	2.0000	UG/G		J	6.0000		ND	18.2	20.2
P209389	SEP2189BR2224	BH	REAL	07-JUN-89	METHYLENE CHLORIDE	2.0000	UG/G		J	6.0000		ND	22.2	24.2
P209489	SEP2289BR0002	BH	REAL	16-MAY-89	METHYLENE CHLORIDE	3.0000	UG/KG		J	6.0000	A	ND	0.0	1.2
P209489	SEP2289BR0406	BH	REAL	16-MAY-89	METHYLENE CHLORIDE	5.0000	UG/KG			5.0000	A	ND	4.0	5.2
P209489	SEP2289BR0810	BH	REAL	16-MAY-89	METHYLENE CHLORIDE	14.0000	UG/KG			6.0000	V	ND	8.0	9.8
P209489	SEP2289BR1214	BH	REAL	16-MAY-89	METHYLENE CHLORIDE	11.0000	UG/KG			6.0000	V	ND	12.0	13.3
P209489	SEP2289BR1618	BH	REAL	16-MAY-89	METHYLENE CHLORIDE	15.0000	UG/KG			6.0000	V	ND	16.0	18.0
P209489	SEP2289BR2022	BH	REAL	16-MAY-89	METHYLENE CHLORIDE	4.0000	UG/KG		J	6.0000	A	ND	20.0	22.0
P209589	SEP2389BR0002	BH	REAL	10-MAY-89	METHYLENE CHLORIDE	17.0000	UG/G		J	40.0000	A	ND	0.0	2.0
P209589	SEP2389BR0406	BH	REAL	10-MAY-89	METHYLENE CHLORIDE	13.0000	UG/G		B	6.0000	A	ND	4.0	6.0
P209589	SEP2389BR0810	BH	REAL	10-MAY-89	METHYLENE CHLORIDE	14.0000	UG/G		B	6.0000	A	ND	8.0	10.0
P209589	SEP2389BR1416	BH	REAL	10-MAY-89	METHYLENE CHLORIDE	14.0000	UG/G		B	6.0000	A	ND	14.0	14.5
P209589	SEP2389BR1820	BH	REAL	10-MAY-89	METHYLENE CHLORIDE	12.0000	UG/G		B	6.0000	A	ND	18.3	20.3
P209689	SEP2489BR0002	BH	REAL	03-MAY-89	METHYLENE CHLORIDE	4.0000	UG/G		JB	5.0000	A	ND	0.0	1.0
P209689	SEP2489BR0406	BH	REAL	03-MAY-89	METHYLENE CHLORIDE	3.0000	UG/G		JB	6.0000	A	ND	4.2	5.6
P209689	SEP2489BR0810	BH	REAL	03-MAY-89	METHYLENE CHLORIDE	2.0000	UG/G		JB	6.0000	A	ND	8.2	8.9
P209689	SEP2489BR1214	BH	REAL	03-MAY-89	METHYLENE CHLORIDE	2.0000	UG/G		JB	6.0000	A	ND	12.2	14.2
P209689	SEP2489BR1618	BH	REAL	03-MAY-89	METHYLENE CHLORIDE	3.0000	UG/G		JB	6.0000		ND	16.2	18.2
P209689	SEP2489BR2022	BH	REAL	03-MAY-89	METHYLENE CHLORIDE	2.0000	UG/G		JB	6.0000	A	ND	20.2	22.2
P209689	SEP2489BR2426	BH	REAL	03-MAY-89	METHYLENE CHLORIDE	6.0000	UG/G			6.0000	A	ND	24.2	26.2
P209789	SEP25890002	BH	REAL	04-MAY-89	METHYLENE CHLORIDE	2.0000	UG/G		JB	5.0000	A	ND	0.0	1.0
P209789	SEP25890406	BH	REAL	04-MAY-89	METHYLENE CHLORIDE	0.0000	UG/G		J	6.0000	A	ND	4.2	6.2
P209789	SEP25890810	BH	REAL	04-MAY-89	METHYLENE CHLORIDE	3.0000	UG/G		JB	6.0000	A	ND	8.2	9.6
P209789	SEP25891214	BH	REAL	04-MAY-89	METHYLENE CHLORIDE	2.0000	UG/G		JB	6.0000	A	ND	12.2	14.2
P209889	SEP2689BR0002	BH	REAL	11-MAY-89	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	0.0	1.9
P209889	SEP2689BR0406	BH	REAL	11-MAY-89	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	3.9	5.9
P209889	SEP2689BR0810	BH	REAL	11-MAY-89	METHYLENE CHLORIDE	3.0000	UG/KG		J	6.0000	A	ND	7.9	9.9
P209889	SEP2689BR1214	BH	REAL	11-MAY-89	METHYLENE CHLORIDE	7.0000	UG/KG			6.0000	V	ND	11.9	13.1
P210189	SEP3089BR0002	BH	REAL	19-MAY-89	METHYLENE CHLORIDE	540.0000	UG/KG		JB	650.0000	A	ND	0.0	2.3
P210189	SEP3089BR0406	BH	REAL	19-MAY-89	METHYLENE CHLORIDE	480.0000	UG/KG		JB	720.0000	A	ND	4.6	6.6
P210189	SEP3089BR0810	BH	REAL	19-MAY-89	METHYLENE CHLORIDE	380.0000	UG/KG		J	690.0000	A	ND	8.6	9.4
P210189	SEP3089BR1214	BH	REAL	19-MAY-89	METHYLENE CHLORIDE	450.0000	UG/KG		JB	610.0000	A	ND	12.6	13.6
P210189	SEP3089BR1618	BH	REAL	19-MAY-89	METHYLENE CHLORIDE	540.0000	UG/KG		JB	690.0000	A	ND	16.6	18.6
P210189	SEP3089BR2022	BH	REAL	19-MAY-89	METHYLENE CHLORIDE	630.0000	UG/KG		JB	690.0000	A	ND	20.6	22.6
P210189	SEP3089BR2426	BH	REAL	19-MAY-89	METHYLENE CHLORIDE	590.0000	UG/KG		JB	740.0000	A	ND	24.6	26.6
P210289	SEP3189BR0002	BH	REAL	15-MAY-89	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	0.0	1.7
P210289	SEP3189BR0406	BH	REAL	15-MAY-89	METHYLENE CHLORIDE	2.0000	UG/KG		JB	6.0000	A	ND	4.0	5.2
P210289	SEP3189BR0810	BH	REAL	15-MAY-89	METHYLENE CHLORIDE	2.0000	UG/KG		JB	6.0000	A	ND	8.0	10.0
P210289	SEP3189BR1214	BH	REAL	15-MAY-89	METHYLENE CHLORIDE	2.0000	UG/KG		J	6.0000	A	ND	12.0	14.0
P210289	SEP3189BR1618	BH	REAL	15-MAY-89	METHYLENE CHLORIDE	1.0000	UG/KG		J	6.0000	A	ND	16.0	18.0
P213289	BH77403890002	BH	REAL	29-AUG-89	METHYLENE CHLORIDE	2.0000	UG/G		J	6.0000		ND	0.5	2.0
P213289	BH77403890204	BH	REAL	29-AUG-89	METHYLENE CHLORIDE	2.0000	UG/KG		J	5.0000	A	ND	2.0	4.0
P218389	P2183890204	BH	REAL	08-NOV-89	METHYLENE CHLORIDE	7.0000	UG/KG		B	5.0000	V	ND	2.0	4.0
P218389	P2183890608	BH	REAL	08-NOV-89	METHYLENE CHLORIDE	11.0000	UG/KG		B	5.0000	V	ND	6.0	6.8
P218389	P2183891012	BH	REAL	08-NOV-89	METHYLENE CHLORIDE	7.0000	UG/KG		B	5.0000	V	ND	10.0	10.5
P219189	P2191891416	BH	REAL	30-NOV-89	METHYLENE CHLORIDE	4.0000	UG/G		JB	6.0000		ND	14.0	14.4

Appendix II.Z-1
Historical - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
P219489	P2194890608	BH	REAL	05-DEC-89	METHYLENE CHLORIDE	9.0000	UG/G			6.0000		ND	3.0	7.8
P219589	P2195890406	BH	REAL	07-DEC-89	METHYLENE CHLORIDE	5.0000	UG/KG		J	5.0000	A	ND	4.0	5.4
P219589	P2195891618	BH	REAL	07-DEC-89	METHYLENE CHLORIDE	7.0000	UG/KG		B	5.0000	A	ND	16.0	17.2
SP0387	SP038702DH	BH	REAL	21-OCT-87	METHYLENE CHLORIDE	13.0000	UG/KG		JB	0.0000		ND	2.0	3.5
SP0387	SP038713CT	BH	REAL	26-OCT-87	METHYLENE CHLORIDE	18.0000	UG/KG		J	25.0000		ND	12.8	14.4
SP0687	SP068708DH	BH	REAL	18-NOV-87	METHYLENE CHLORIDE	52.0000	UG/KG			25.0000		ND	8.0	10.4
SP0687	SP068718DH	BH	REAL	18-NOV-87	METHYLENE CHLORIDE	6.8000	UG/KG		J	25.0000		ND	18.0	20.5
02691	BH00121WCU2	BH	REAL	12-NOV-91	TOLUENE	1.0000	UG/KG		J	5.0000		ND	3.7	3.9
40191	BH00007EB	BH	REAL	18-SEP-91	TOLUENE	6.0000	UG/KG		J	5.0000	V	ND	15.7	16.0
40191	BH00001EB	BH	REAL	18-SEP-91	TOLUENE	2.0000	UG/KG		J	5.0000	A	ND	3.75	4.0
40291	BH00012EB	BH	REAL	19-SEP-91	TOLUENE	3.0000	UG/KG		J	5.0000	A	ND	1.75	2.0
P207789	SEP0589BR0002	BH	REAL	05-MAY-89	TOLUENE	1.0000	UG/G		J	6.0000	A	ND	0.0	1.4
P209289	SEP20891214	BH	REAL	08-JUN-89	TOLUENE	2.0000	UG/G		J	6.0000		ND	11.8	12.2
P209289	SEP20891618	BH	REAL	08-JUN-89	TOLUENE	3.0000	UG/G		J	6.0000		ND	15.8	17.8
P210189	SEP3089BR2022	BH	REAL	19-MAY-89	TOLUENE	340.0000	UG/KG		J	690.0000	A	ND	20.6	22.6
P218389	P2183890406	BH	REAL	08-NOV-89	TOLUENE	2.0000	UG/KG		J	5.0000	A	ND	4.0	5.3
P219489	P2194890002	BH	REAL	05-DEC-89	TOLUENE	4.0000	UG/KG		J	5.0000	A	ND	0.0	1.7

Appendix II.Z-1
Historical - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
0160	GT00031T	BH	REAL	27-FEB-92	BARIUM	183.0000	MG/KG			40.0000	V	93.87	0	28
0260	BP00036IT	BH	REAL	19-MAY-92	BARIUM	785.0000	MG/KG			40.0000	V	93.87	0	33
0360	BP00037IT	BH	REAL	20-MAY-92	BARIUM	112.0000	MG/KG			40.0000	V	93.87	0	32
0460	BP00038IT	BH	REAL	20-MAY-92	BARIUM	150.0000	MG/KG			40.0000	V	93.87	0	30
0671	BP00241T	BH	REAL	30-APR-92	BARIUM	156.0000	MG/KG			40.0000	V	93.87	0	20
0360	BP00037IT	BH	REAL	20-MAY-92	CADMIUM	8.5000	MG/KG			1.0000	V	2.3	0	32
0460	BP00038IT	BH	REAL	20-MAY-92	CADMIUM	3.2000	MG/KG			1.0000	V	2.3	0	30
0160	GT00031T	BH	REAL	27-FEB-92	CALCIUM	17000.0000	MG/KG			1000.0000	JA	7781.79	0	28
0260	BP00036IT	BH	REAL	19-MAY-92	CALCIUM	25000.0000	MG/KG		*	1000.0000	JA	7781.79	0	33
0460	BP00038IT	BH	REAL	20-MAY-92	CALCIUM	13500.0000	MG/KG		*	1000.0000	JA	7781.79	0	30
0671	BP00241T	BH	REAL	30-APR-92	MANGANESE	225.0000	MG/KG			3.0000	V	190.5	0	20
0160	GT00031T	BH	REAL	27-FEB-92	ZINC	94.1000	MG/KG			4.0000	JA	23.64	0	28
0260	BP00036IT	BH	REAL	19-MAY-92	ZINC	262.0000	MG/KG		E*	4.0000	JA	23.64	0	33
0360	BP00037IT	BH	REAL	20-MAY-92	ZINC	664.0000	MG/KG		E*	4.0000	JA	23.64	0	32
0460	BP00038IT	BH	REAL	20-MAY-92	ZINC	602.0000	MG/KG		E*	4.0000	JA	23.64	0	30
0560	BP00034IT	BH	REAL	19-MAY-92	ZINC	676.0000	MG/KG		E*	4.0000	JA	23.64	0	21
0671	BP00241T	BH	REAL	30-APR-92	ZINC	51.9000	MG/KG			4.0000	JA	23.64	0	20

Appendix II.Z-1
Historical - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
0160	GT0003IT	BH	REAL	27-FEB-92	ACETONE	49.0000	UG/KG		B	10.0000	JA	ND	0	28
0160	GT0003IT	BH	REAL	27-FEB-92	TOLUENE	50.0000	UG/KG			5.0000	V	ND	0	28
0671	BP0024IT	BH	REAL	30-APR-92	TOLUENE	5.0000	UG/KG		J	5.0000	A	ND	0	20

Appendix II.2-1
Historical - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
0260	BP00036IT	BH	REAL	19-MAY-92	AMERICIUM-241	0.0316	PCI/G	.0134		0.0000	V	0.01	0	33
0360	BP00037IT	BH	REAL	20-MAY-92	AMERICIUM-241	0.0508	PCI/G	.0204		0.0080	V	0.01	0	32
0460	BP00038IT	BH	REAL	20-MAY-92	AMERICIUM-241	0.0969	PCI/G	.0289		0.0000	V	0.01	0	30
0560	BP00034IT	BH	REAL	19-MAY-92	AMERICIUM-241	0.0107	PCI/G	.00806	J	0.0060	V	0.01	0	21
0560	BP00034IT	BH	REAL	19-MAY-92	GROSS BETA	30.0400	PCI/G	3.37		2.4000	A	27.99	0	21
2086	BP00050AE	BH	REAL	26-APR-93	GROSS BETA	31.1000	PCI/G	6.7		2.8000	A	27.99	0.0	10.0
0160	GT0003IT	BH	REAL	27-FEB-92	PLUTONIUM-239/240	23.5600	PCI/G	2.27		0.0300		0.02	0	28
0260	BP00036IT	BH	REAL	19-MAY-92	PLUTONIUM-239/240	0.0354	PCI/G	.0146		0.0000	V	0.02	0	33
0360	BP00037IT	BH	REAL	20-MAY-92	PLUTONIUM-239/240	0.0593	PCI/G	.0482		0.0130	V	0.02	0	32
0460	BP00038IT	BH	REAL	20-MAY-92	PLUTONIUM-239/240	0.0327	PCI/G	.0262		0.0190	V	0.02	0	30
0560	BP00034IT	BH	REAL	19-MAY-92	PLUTONIUM-239/240	0.0343	PCI/G	.018		0.0090	V	0.02	0	21
0160	GT0003IT	BH	REAL	27-FEB-92	RADIUM-226	1.1060	PCI/G	.186		0.1100	R	0.65	0	28
0260	BP00036IT	BH	REAL	19-MAY-92	RADIUM-226	0.9608	PCI/G	.163		0.0900	R	0.65	0	33
0360	BP00037IT	BH	REAL	20-MAY-92	RADIUM-226	1.0310	PCI/G	.212		0.1100	R	0.65	0	32
0460	BP00038IT	BH	REAL	20-MAY-92	RADIUM-226	0.9221	PCI/G	.17		0.1100	R	0.65	0	30
0671	BP0024IT	BH	REAL	30-APR-92	RADIUM-226	0.7026	PCI/L	.108		0.0800	R	0.65	0	20
0160	GT0003IT	BH	REAL	27-FEB-92	URANIUM-233,-234	0.9499	PCI/G	.229		0.3000		0.53	0	28
0260	BP00036IT	BH	REAL	19-MAY-92	URANIUM-233,-234	1.8750	PCI/G	.619		0.0990	A	0.53	0	33
0360	BP00037IT	BH	REAL	20-MAY-92	URANIUM-233,-234	0.9347	PCI/G	.482		0.1030	R	0.53	0	32
0460	BP00038IT	BH	REAL	20-MAY-92	URANIUM-233,-234	1.0490	PCI/G	.318		0.0000	A	0.53	0	30
0560	BP00034IT	BH	REAL	19-MAY-92	URANIUM-233,-234	0.9739	PCI/G	.303		0.0000	A	0.53	0	21
0671	BP0024IT	BH	REAL	30-APR-92	URANIUM-233,-234	0.8648	PCI/G	.237		0.0000	A	0.53	0	20
0160	GT0003IT	BH	REAL	27-FEB-92	URANIUM-238	0.9519	PCI/G	.229		0.3000		0.63	0	28
0260	BP00036IT	BH	REAL	19-MAY-92	URANIUM-238	1.3490	PCI/G	.498		0.0000	A	0.63	0	33
0360	BP00037IT	BH	REAL	20-MAY-92	URANIUM-238	1.2160	PCI/G	.568		0.1460	R	0.63	0	32
0460	BP00038IT	BH	REAL	20-MAY-92	URANIUM-238	0.7926	PCI/G	.268		0.0380	A	0.63	0	30
0560	BP00034IT	BH	REAL	19-MAY-92	URANIUM-238	0.9890	PCI/G	.307		0.0380	A	0.63	0	21
0671	BP0024IT	BH	REAL	30-APR-92	URANIUM-238	0.8752	PCI/G	.239		0.0260	A	0.63	0	20

Appendix II.Z-1
WARP - Borehole - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
05093	BH00064AE	BH	REAL	30-APR-93	BARIUM	152.0000	MG/KG			10.0000	V	93.87	6	12
05193	BH00066AE	BH	REAL	28-APR-93	BARIUM	190.0000	MG/KG			10.0000	V	93.87	0	6
05393	BH00076AE	BH	REAL	03-MAY-93	BARIUM	99.8000	MG/KG			10.0000	V	93.87	0	6
05393	BH00084AE	BH	REAL	03-MAY-93	BARIUM	143.0000	MG/KG			10.0000	V	93.87	12	18
05093	BH00061AE	BH	REAL	30-APR-93	CALCIUM	14500.0000	MG/KG			1000.0000	V	7781.79	0	6
05093	BH00064AE	BH	REAL	30-APR-93	CALCIUM	29100.0000	MG/KG			1000.0000	V	7781.79	6	12
05193	BH00066AE	BH	REAL	28-APR-93	CALCIUM	80800.0000	MG/KG		*	1000.0000	JA	7781.79	0	6
05193	BH00069AE	BH	REAL	28-APR-93	CALCIUM	33600.0000	MG/KG		*	1000.0000	JA	7781.79	6	12
05293	BH00071AE	BH	REAL	11-MAY-93	CALCIUM	39400.0000	MG/KG			1000.0000	V	7781.79	0	5.2
05293	BH00074AE	BH	REAL	12-MAY-93	CALCIUM	15200.0000	MG/KG			1000.0000	V	7781.79	5.2	10.3
05393	BH00076AE	BH	REAL	03-MAY-93	CALCIUM	131000.0000	MG/KG			1000.0000	V	7781.79	0	6
05393	BH00081AE	BH	REAL	03-MAY-93	CALCIUM	9150.0000	MG/KG			1000.0000	V	7781.79	6	12
05193	BH00069AE	BH	REAL	28-APR-93	MANGANESE	210.0000	MG/KG			10.0000	V	190.5	6	12
05193	BH00066AE	BH	REAL	28-APR-93	POTASSIUM	1760.0000	MG/KG			1000.0000	JA	1562.86	0	6
05393	BH00076AE	BH	REAL	03-MAY-93	POTASSIUM	2010.0000	MG/KG			1000.0000	V	1562.86	0	6
05193	BH00066AE	BH	REAL	28-APR-93	ZINC	33.7000	MG/KG			10.0000	JA	23.64	0	6
05293	BH00071AE	BH	REAL	11-MAY-93	ZINC	28.9000	MG/KG			10.0000	V	23.64	0	5.2
05293	BH00074AE	BH	REAL	12-MAY-93	ZINC	39.0000	MG/KG			10.0000	V	23.64	5.2	10.3
05393	BH00076AE	BH	REAL	03-MAY-93	ZINC	26.7000	MG/KG			10.0000	JA	23.64	0	6
05393	BH00079AE	BH	REAL	03-MAY-93	ZINC	33.2000	MG/KG			10.0000	V	23.64	18	22.1
05393	BH00081AE	BH	REAL	03-MAY-93	ZINC	53.3000	MG/KG			10.0000	V	23.64	6	12
05393	BH00084AE	BH	REAL	03-MAY-93	ZINC	56.4000	MG/KG			10.0000	V	23.64	12	18

Appendix II.2-1
WARP - Borehole - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
05393	BH00084AE	BH	REAL	03-MAY-93	GROSS BETA	34.7000	PCI/G	7.4		3.0000	V	27.99	12	18
05093	BH00061AE	BH	REAL	30-APR-93	TRITIUM	228.0000	PCI/L	120		200.0000	Y	212.2	0	6
05093	BH00064AE	BH	REAL	30-APR-93	TRITIUM	3520.0000	PCI/L	590		630.0000	Y	212.2	6	12
05193	BH00069AE	BH	REAL	28-APR-93	TRITIUM	2290.0000	PCI/L	310		220.0000	JA	212.2	6	12
05293	BH00071AE	BH	REAL	11-MAY-93	TRITIUM	577.0000	PCI/L	236		370.0000	Y	212.2	0	5.2
05293	BH00074AE	BH	REAL	12-MAY-93	TRITIUM	252.0000	PCI/L	121		200.0000	Y	212.2	5.2	10.3
05393	BH00076AE	BH	REAL	03-MAY-93	TRITIUM	3400.0000	PCI/L	580		590.0000		212.2	0	6
05393	BH00081AE	BH	REAL	03-MAY-93	TRITIUM	524.0000	PCI/L	240		370.0000		212.2	6	12
05093	BH00061AE	BH	REAL	30-APR-93	URANIUM-233,-234	0.6730	PCI/G	.179		0.0120	A	0.53	0	6
05093	BH00064AE	BH	REAL	30-APR-93	URANIUM-233,-234	0.8040	PCI/G	.205		0.0240	A	0.53	6	12
05193	BH00066AE	BH	REAL	28-APR-93	URANIUM-233,-234	0.6790	PCI/G	.178		0.0240	A	0.53	0	6
05193	BH00069AE	BH	REAL	28-APR-93	URANIUM-233,-234	0.5370	PCI/G	.148		0.0240	A	0.53	6	12
05293	BH00074AE	BH	REAL	12-MAY-93	URANIUM-233,-234	0.5730	PCI/G	.147		0.0370	A	0.53	5.2	10.3
05393	BH00076AE	BH	REAL	03-MAY-93	URANIUM-233,-234	0.8440	PCI/G	.215		0.0300	A	0.53	0	6
05393	BH00079AE	BH	REAL	03-MAY-93	URANIUM-233,-234	0.9180	PCI/G	.23		0.0320	A	0.53	18	22.1
05393	BH00081AE	BH	REAL	03-MAY-93	URANIUM-233,-234	1.0800	PCI/G	.27		0.0270	A	0.53	6	12
05393	BH00084AE	BH	REAL	03-MAY-93	URANIUM-233,-234	3.9900	PCI/G	.87		0.0320	A	0.53	12	18
05393	BH00084AE	BH	REAL	03-MAY-93	URANIUM-235	0.1460	PCI/G	.063		0.0290	A	0.1	12	18
05093	BH00064AE	BH	REAL	30-APR-93	URANIUM-238	0.7760	PCI/G	.199		0.0240	A	0.63	6	12
05193	BH00066AE	BH	REAL	28-APR-93	URANIUM-238	0.7490	PCI/G	.193		0.0290	A	0.63	0	6
05393	BH00076AE	BH	REAL	03-MAY-93	URANIUM-238	0.8400	PCI/G	.215		0.0350	A	0.63	0	6
05393	BH00079AE	BH	REAL	03-MAY-93	URANIUM-238	1.1000	PCI/G	.27		0.0290	A	0.63	18	22.1
05393	BH00081AE	BH	REAL	03-MAY-93	URANIUM-238	1.0200	PCI/G	.26		0.0270	A	0.63	6	12
05393	BH00084AE	BH	REAL	03-MAY-93	URANIUM-238	2.9900	PCI/G	.66		0.0280	A	0.63	12	18

Appendix II.Z-1
WARP - Borehole - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
05193	BH00070AE	BH	REAL	28-APR-93	ACETONE	11.0000	UG/KG		J	12.0000	A	ND	9.1	9.3
05393	BH00080AE	BH	REAL	03-MAY-93	METHYLENE CHLORIDE	5.0000	UG/KG		J	6.0000	A	ND	8.5	8.7
05093	BH00062AE	BH	REAL	30-APR-93	TOLUENE	200.0000	UG/KG			5.0000	V	ND	1.4	1.6
05093	BH00063AE	BH	REAL	30-APR-93	TOLUENE	74.0000	UG/KG			5.0000	V	ND	5.3	5.5
05093	BH00065AE	BH	REAL	30-APR-93	TOLUENE	150.0000	UG/KG			6.0000	V	ND	9.8	10
05193	BH00067AE	BH	REAL	28-APR-93	TOLUENE	120.0000	UG/KG			6.0000	V	ND	1.3	1.4
05193	BH00068AE	BH	REAL	28-APR-93	TOLUENE	230.0000	UG/KG			6.0000	V	ND	6.0	6.2
05193	BH00070AE	BH	REAL	28-APR-93	TOLUENE	170.0000	UG/KG			6.0000	V	ND	9.1	9.3
05193	BH00085AE	BH	REAL	28-APR-93	TOLUENE	130.0000	UG/KG			6.0000	V	ND	13.7	13.9
05293	BH00072AE	BH	REAL	11-MAY-93	TOLUENE	32.0000	UG/KG			5.0000	V	ND	1.3	1.5
05293	BH00073AE	BH	REAL	11-MAY-93	TOLUENE	2.0000	UG/KG		J	5.0000	A	ND	4.5	4.7
05293	BH00074AE	BH	REAL	12-MAY-93	TOLUENE	100.0000	UG/KG			6.0000	V	ND	5.2	10.3
05393	BH00077AE	BH	REAL	03-MAY-93	TOLUENE	2.0000	UG/KG		J	5.0000	A	ND	1.7	1.9
05393	BH00078AE	BH	REAL	03-MAY-93	TOLUENE	240.0000	UG/KG			6.0000	V	ND	5.6	5.8
05393	BH00080AE	BH	REAL	03-MAY-93	TOLUENE	160.0000	UG/KG			6.0000	V	ND	8.5	8.7

Appendix II.Z-1
WARP - Borehole - WQHP
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
05293	BH00071AE	BH	REAL	11-MAY-93	CYANIDE	0.5600	UG/G			0.5000	V	ND	0	5.2
05293	BH00074AE	BH	REAL	12-MAY-93	CYANIDE	0.5200	UG/G			0.5000	V	ND	5.2	10.3
05093	BH00064AE	BH	REAL	30-APR-93	NITRATE/NITRITE	180.0000	MG/KG			2.3400	V	7.1	6	12
05193	BH00069AE	BH	REAL	28-APR-93	NITRATE/NITRITE	23.9000	MG/KG			1.1100	V	7.1	6	12
05393	BH00081AE	BH	REAL	03-MAY-93	NITRATE/NITRITE	12.5000	MG/KG			0.2400	V	7.1	6	12

Appendix II.Z-1
WARP - Surface Soil - Metals
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
05093	SS00002AE	SS	REAL	30-APR-93	BERYLLIUM	4.3000	MG/KG			5.0000	V	0.92	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	CADMIUM	41.8000	MG/KG			5.0000	JA	0.64	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	CADMIUM	1.7000	MG/KG			5.0000	V	0.64	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	CADMIUM	1.1000	MG/KG			5.0000	JA	0.64	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	CALCIUM	28600.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	CALCIUM	77500.0000	MG/KG		•	1000.0000	JA	8282.95	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	CALCIUM	37100.0000	MG/KG			1000.0000	V	8282.95	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	MERCURY	0.2000	MG/KG			0.2000	V	0.03	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	MERCURY	0.1300	MG/KG			0.2000	V	0.03	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	SILICON	6260.0000	MG/KG			100.0000	V	202.7	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	SILICON	9150.0000	MG/KG			100.0000	JA	202.7	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	SILICON	2200.0000	MG/KG		E	100.0000	JA	202.7	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	SILVER	2.9000	MG/KG			10.0000	V	0.58	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	SODIUM	1120.0000	MG/KG			1000.0000	V	165.4	0.000	0.167

Appendix II.Z-1
WARP - Surface Soil - Rads
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
05093	SS00002AE	SS	REAL	30-APR-93	AMERICIUM-241	6.9500	PCI/G	1.46		0.0070	A	0.027	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	AMERICIUM-241	0.8320	PCI/G	.189		0.0040	A	0.027	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	AMERICIUM-241	0.0772	PCI/G	.0288		0.0050	A	0.027	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	AMERICIUM-241	6.9900	PCI/G	1.49		0.0120	A	0.027	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	GROSS ALPHA	67.6000	PCI/G	15.2		4.7400	A	22.9	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	GROSS ALPHA	32.0000	PCI/G	7.9		3.9000	V	22.9	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	PLUTONIUM-239/240	5.5900	PCI/G	1.2		0.0080	A	0.062	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	PLUTONIUM-239/240	0.4210	PCI/G	.103		0.0120	A	0.062	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	PLUTONIUM-239/240	0.1200	PCI/G	.04		0.0050	A	0.062	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	PLUTONIUM-239/240	2.1700	PCI/G	.48		0.0140	A	0.062	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	TRITIUM	539.0000	PCI/L	405		670.0000	JA	ND	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	TRITIUM	329000.0000	PCI/L	73000		2300.0000	Y	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	URANIUM-233,-234	4.3000	PCI/G	.95		0.0250	A	1.22	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	URANIUM-235	0.1520	PCI/G	.067		0.0310	A	0.09	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	URANIUM-238	2.7200	PCI/G	.61		0.0120	A	1.27	0.000	0.167

Appendix II.Z-1
WARP - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
05093	SS00002AE	SS	REAL	30-APR-93	BENZO(a)ANTHRACENE	250.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	BENZO(a)ANTHRACENE	230.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	BENZO(a)ANTHRACENE	170.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	BENZO(a)ANTHRACENE	48.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	BENZO(a)ANTHRACENE	52.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	BENZO(a)PYRENE	280.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	BENZO(a)PYRENE	290.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	BENZO(a)PYRENE	44.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	BENZO(a)PYRENE	210.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	BENZO(a)PYRENE	51.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	BENZO(a)PYRENE	61.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	BENZO(b)FLUORANTHENE	520.0000	UG/KG		X	360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	BENZO(b)FLUORANTHENE	490.0000	UG/KG		X	360.0000	JA	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	BENZO(b)FLUORANTHENE	57.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	BENZO(b)FLUORANTHENE	61.0000	UG/KG		J	380.0000	Z	ND	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	BENZO(b)FLUORANTHENE	470.0000	UG/KG		X	340.0000	JA	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	BENZO(b)FLUORANTHENE	92.0000	UG/KG		JX	360.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	BENZO(b)FLUORANTHENE	65.0000	UG/KG		JX	360.0000	A	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	BENZO(ghi)PERYLENE	190.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	BENZO(ghi)PERYLENE	160.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	BENZO(ghi)PERYLENE	50.0000	UG/KG		J	380.0000	Z	ND	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	BENZO(ghi)PERYLENE	230.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	BENZO(ghi)PERYLENE	38.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	BENZO(ghi)PERYLENE	41.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	BENZO(k)FLUORANTHENE	620.0000	UG/KG		X	360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	BENZO(k)FLUORANTHENE	620.0000	UG/KG		X	360.0000	JA	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	BENZO(k)FLUORANTHENE	44.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	BENZO(k)FLUORANTHENE	48.0000	UG/KG		J	380.0000	Z	ND	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	BENZO(k)FLUORANTHENE	610.0000	UG/KG		X	340.0000	JA	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	BENZO(k)FLUORANTHENE	110.0000	UG/KG		JX	360.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	BENZO(k)FLUORANTHENE	44.0000	UG/KG		JX	360.0000	A	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	BIS(2-ETHYLHEXYL)PHTHALATE	1300.0000	UG/KG			360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	BIS(2-ETHYLHEXYL)PHTHALATE	1400.0000	UG/KG			360.0000	JA	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	BIS(2-ETHYLHEXYL)PHTHALATE	81.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	BIS(2-ETHYLHEXYL)PHTHALATE	84.0000	UG/KG		J	380.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	BIS(2-ETHYLHEXYL)PHTHALATE	70.0000	UG/KG		BJ	360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	CHRYSENE	320.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	CHRYSENE	310.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	CHRYSENE	230.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	CHRYSENE	63.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	CHRYSENE	63.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	DI-n-BUTYL PHTHALATE	48.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	DI-n-BUTYL PHTHALATE	40.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	DI-n-BUTYL PHTHALATE	39.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	DI-n-BUTYL PHTHALATE	38.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	FLUORANTHENE	560.0000	UG/KG			360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	FLUORANTHENE	540.0000	UG/KG			360.0000	V	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	FLUORANTHENE	66.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	FLUORANTHENE	69.0000	UG/KG		J	380.0000	Z	ND	0.000	0.167

Appendix II.Z-1
WARP - Surface Soil - VOA
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
05293	SS00004AE	SS	REAL	11-MAY-93	FLUORANTHENE	390.0000	UG/KG			340.0000	V	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	FLUORANTHENE	110.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	FLUORANTHENE	110.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	INDENO(1,2,3-cd)PYRENE	180.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	INDENO(1,2,3-cd)PYRENE	190.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	INDENO(1,2,3-cd)PYRENE	48.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	INDENO(1,2,3-cd)PYRENE	240.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	INDENO(1,2,3-cd)PYRENE	43.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	INDENO(1,2,3-cd)PYRENE	39.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	PHENANTHRENE	440.0000	UG/KG			360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	PHENANTHRENE	440.0000	UG/KG			360.0000	V	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	PHENANTHRENE	50.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	PHENANTHRENE	48.0000	UG/KG		J	380.0000	Z	ND	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	PHENANTHRENE	210.0000	UG/KG		J	340.0000	A	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	PHENANTHRENE	86.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	PHENANTHRENE	82.0000	UG/KG		J	360.0000	A	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	PYRENE	770.0000	UG/KG			360.0000	Z	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	PYRENE	710.0000	UG/KG			360.0000	JA	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	PYRENE	64.0000	UG/KG		J	380.0000	A	ND	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	PYRENE	70.0000	UG/KG		J	380.0000	Z	ND	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	PYRENE	350.0000	UG/KG			340.0000	V	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	PYRENE	150.0000	UG/KG		J	360.0000	Z	ND	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	PYRENE	130.0000	UG/KG		J	360.0000	A	ND	0.000	0.167

Appendix II.Z-1
WARP - Surface Soil - WQHP
Detections Above 95%UCL

Location	Smpl_num	SType	Qc_code	Smpl_date	Chemical	Result	Units	Error	Qual	Dt_limit	Val	Background	From	To
05393	SS00005AE	SS	REAL	03-MAY-93	AROCLOR-1254	1610.0000	UG/KG		D	870.0000	JA	ND	0.000	0.167
05093	SS00002AE	SS	REAL	30-APR-93	NITRATE/NITRITE	6.9400	MG/KG			0.2100	V	1.11	0.000	0.167
05193	SS00003AE	SS	REAL	28-APR-93	NITRATE/NITRITE	5.5100	MG/KG			0.2300	V	1.11	0.000	0.167
05293	SS00004AE	SS	REAL	11-MAY-93	NITRATE/NITRITE	4.2700	MG/KG			0.2100	V	1.11	0.000	0.167
05393	SS00005AE	SS	REAL	03-MAY-93	NITRATE/NITRITE	34.3000	MG/KG			1.1000	V	1.11	0.000	0.167