

ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL
VOLUME III: GEOTECHNICAL

Manual No.: 5-21000-OPS-GT
Procedure No.: Table of Contents, Rev 50
Page: 1 of 4
Effective Date: 01/10/94
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET
WHICH INCLUDES:

VOLUME I: FIELD OPERATIONS (FO)
VOLUME II: GROUNDWATER (GW)
VOLUME III: GEOTECHNICAL (GT)
VOLUME IV: SURFACE WATER (SW)
VOLUME V: ECOLOGY (EE)
VOLUME VI: AIR (AP)

EG&G
SUPERSEDED
DOCUMENT

TABLE OF CONTENTS
FOR VOLUME III: GEOTECHNICAL

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
GT.01	Logging Alluvial and Bedrock Material	2	05/12/92
DCN 92.01	Specialized Logging Form	2	11/13/92
DCN 93.01	Logging	2	01/15/93
DCN 93.02	Logging Deliverables Standard Practices	2	01/25/93
DCN 93.03	Core Log QC Change	2	06/18/93
DCN 93.04	Lithologic Descriptions	2	07/15/93
DCN 93.05	Logging with Well Points	2	07/28/93
DCN 93.06	SVE Core Description	2	08/20/93
GT.02	Drilling and Sampling Using Hollow Stem Auger Techniques	2	05/12/92
DCN 92.01	Superseded by DCN 92.03 07/27/92	2	EXPIRED
DCN 92.02	Superseded by DCN 92.03 07/27/92	2	EXPIRED
DCN92.03	EXPIRED	2	EXPIRED
DCN 92.04	Prevention of Down Hole Contamination EXTENDED	2	7/28/93
•DCN 92.05	EXPIRED	2	EXPIRED
•DCN 93.01	INCORPORATED	2	01/10/94
•DCN 93.02	INCORPORATED	2	01/10/94
•DCN 93.03	INCORPORATED	2	01/10/94
•DCN 93.04	INCORPORATED	2	01/10/94
•93-DMR-000955	Form GT.2A Modification	2	01/10/94
•93-DMR-000960	QC Sample Collection Modification	2	01/10/94

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JUNE 11, 1991

ADMIN RECORD

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**Manual No.: 5-21000-OPS-GT
Procedure No.: Table of Contents, Rev 50
Page: 2 of 4
Effective Date: 01/10/94
Organization: Environmental Management**

Procedure No.	Title	Rev. No.	Effective Date
GT.03	Isolating Bedrock from Alluvium with Grouted Surface Casing	2	05/12/92
DCN 92.03	EXPIRED	2	EXPIRED
DCN 93.01	Data Quality Objectives for PLF Investigations	2	02/10/93
•DCN 93.02	INCORPORATED	2	01/10/94
•DCN 93.03	INCORPORATED	2	01/10/94
•DCN 93.04	INCORPORATED	2	01/10/94
•93-DMR-000956	Form GT.3A Modification	2	01/10/94
GT.04	Rotary Drilling and Rock Coring	2	05/12/92
•93-DMR-000957	FORM GT.4A Modification	2	01/10/94
GT.05	Plugging and Abandonment of Boreholes	2	05/12/92
•DCN 92.01	INCORPORATED	2	01/10/94
•DCN 93.01	INCORPORATED	2	01/10/94
•93-DMR-000961	Form GT.5A Modification	2	01/10/94
GT.06	Monitoring Wells and Piezometer Installation	2	05/12/92
DCN 92.05	EXPIRED	2	EXPIRED
DCN 92.06	EXPIRED (replaced with DCN 93.01)	2	EXPIRED
•DCN92.07	EXPIRED Provide Consistency	2	EXPIRED
•DCN 93.01	EXPIRED Borehole Advancement	2	EXPIRED
DCN 93.02	Well Point Installation	2	01/28/93
DCN 93.03	Piezometer Logging Modification	2	02/04/93
DCN 93.04	Wells - 5.3.2.2 Revised	2	02/10/93
DCN 93.05	Temperatures - 5.3.2.3 Revised	2	02/10/93
DCN 93.06	Provide Numbers to Reference Corresponding Items	2	02/23/93
DCN 93.07	DCN 93.01 Modification	2	03/17/93
DCN 93.08	PVC Schedule Change	2	05/10/93
DCN 93.09	Change to PVC Casing Thickness	2	05/11/93
DCN 93.10	SVE Bentonite Chips	2	08/20/93
DCN 93.11	SVE Well Specifications	2	08/20/93
DCN 93.12	Riser Installation	2	09/02/93
DCN 93.13	Cancel DCN 93.11, Item #1 for OU 2 SVE Study	2	10/06/93
DCN 93.14	Revision of Figure GT.6-3	2	10/06/93
GT.07	Logging and Sampling of Test Pits and Trenches	2	05/12/92

**ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL
VOLUME III: GEOTECHNICAL**

**Manual No.: 5-21000-OPS-GT
Procedure No.: Table of Contents, Rev 50
Page: 3 of 4
Effective Date: 01/10/94
Organization: Environmental Management**

Procedure No.	Title	Rev. No.	Effective Date
GT.08	Surface Soil Sampling	2	05/12/92
DCN 92.01	EXPIRED	2	EXPIRED
DCN 92.02	EXPIRED Consistency Change	2	EXPIRED
DCN 93.01	EXPIRED Work Plan Consistency	2	EXPIRED
DCN 93.02	New Section-Surficial Profiling	2	01/15/93
DCN 93.03	CDH Compliance	2	01/25/93
DCN 93.04	Site Identification	2	04/13/93
DCN 93.05	Sample Volumes	2	04/13/93
DCN 93.06	Data Form Replacement	2	10/06/93
GT.09	Soil Gas Sampling and Field Analysis	2	05/12/92
GT.10	Borehole Clearing	2	05/12/92
GT.11	Plugging and Abandonment of Wells	2	05/12/92
•93-DMR-000962	Form GT.11A Modification	2	01/10/94
GT.15	Geophysical Borehole Logging	2	05/12/92
GT.17	Land Surveying	2	05/12/92
DCN 93.01	Land Surveying Clarification	2	09/02/93
GT.18	Surface Geophysical Surveys	2	05/12/92
•DCN 92.01	Surface Magnetic Surveys Procedure	2	EXPIRED
•DCN 92.02	Modification to Stacking Requirements	2	EXPIRED
•DCN 92.03	Modification to Method of Taking Readings	2	EXPIRED
DCN 93.01	5.4 Field Procedure Revisions	2	01/25/93
DCN 93.02	5.5 Time Domain Electromagnetic Metal Detection	2	11/22/93
GT.19	Field Gas Chromatographs	2	05/12/92
GT.20	Procedures for Soil Interstitial Water Sampling and Sampler Installation	2	05/12/92
GT.21	Cone Penetrometer Testing	1	05/12/92
DCN 93.01	CPT Rods	1	01/15/93
DCN 93.02	Offsets	1	03/17/93

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**Manual No.: 5-21000-OPS-GT
Procedure No.: Table of Contents, Rev 50
Page: 4 of 4
Effective Date: 01/10/94
Organization: Environmental Management**

<u>Procedure No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
GT.24	Approval Process for Construction Activities on or Near Individual Hazardous Substance Sites (IHSSs)	0	05/12/92

DRILLING AND SAMPLING USING HOLLOW-STEM AUGER TECHNIQUES

EG&G ROCKY FLATS PLANT	Manual:	5-21000-OPS
EMD MANUAL OPERATION SOP	Procedure No.:	GT.2, Rev. 2
	Page:	12 of 16
	Effective Date:	March 28, 1994
Category 2	Organization:	Environmental Management

The boring location stake will be left in the ground adjacent to the borehole, and a board or other cover placed over the hole until it has been grouted. All boreholes to be abandoned with a depth greater than 1 foot will be grouted the same day that abandonment is completed. The boring location stake will then be placed in the grout.

6.0 QUALITY ASSURANCE/QUALITY CONTROL SAMPLES

Quality Assurance (QA) and Quality Control (QC) activities will be accomplished according to applicable project plans as well as quality requirements presented in this SOP.

QA samples for soils fall into five categories:

- Duplicate
- Matrix spike
- Matrix spike duplicate
- Equipment rinsate
- Field blank

SOP FO.13, Containerization, Preserving, Handling, and Shipping of Soil and Water Samples describes the general handling of samples. Applicable project plans specify QA sample frequencies. If insufficient sample material is available for the collection of a planned QC sample, the conditions that prevent the collection of the QC sample will be documented in the field log book and on the Daily Field Drilling Activities Report Form (GT.2A). The Project Manager will be informed that QC samples were not collected as planned so that any impacts to the QA/QC goals established in applicable project plans can be evaluated.

If sufficient material is available to collect a planned QC sample, the QC sample will be collected and documentation will be recorded in the field log book and on the Daily Field

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