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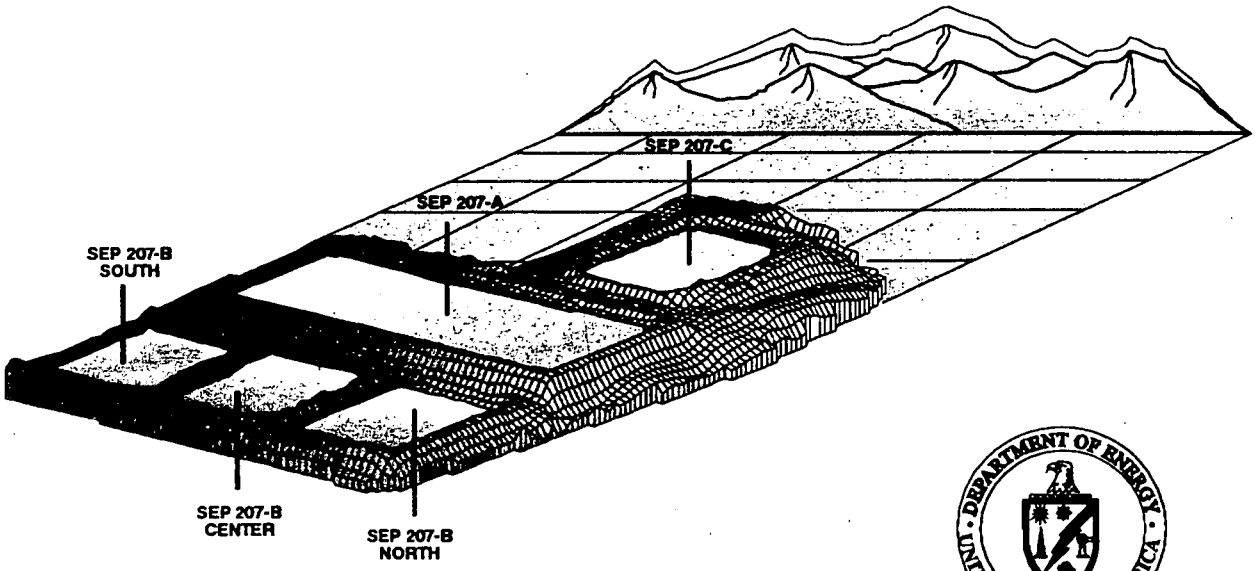
OU4 Solar Evaporation Ponds Interim Measure/Interim Remedial Action Environmental Assessment Decision Document

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

May 1994

Revision: Draft Proposed

Part II
Volume 7 - Appendices R through V



ADMIN RECORD

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APPENDIX II.R

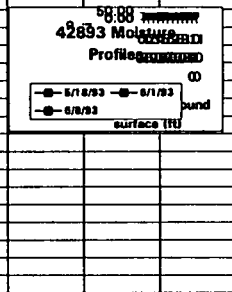
FIELD DATA AND RESULTS OF NEUTRON MOISTURE PROBE MONITORING

Hole:	40293																					
access tube:					lysimeters:																	
top steel casing		5904		1) depth below g.s.		1.67	5900.23															
top concrete pad		5902.25		2) depth below g.s.		na																
casing height		1.75																				
ground surface		5901.9																				
				date																		
				5/17/93				6/1/93				6/8/93				7/23/93				8/5/93		
depth*	elevation	depth	count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol	
3.5	5900.95	0.95	6541	0.6449	25.40		6879	0.893261	27.00		6619	0.853074	25.67		7869	0.6359	20.36		7596	0.6149	19.64	
4.5	5899.95	1.95	10484	1.3542	42.25		10399	1.350344	42.12		10406	1.341152	41.82		15094	1.2198	40.34		14543	1.1772	38.88	
5.5	5898.95	2.95	10507	1.3571	42.34		10553	1.370342	42.78		10380	1.337801	41.71		15698	1.2686	42.01		15795	1.2785	42.35	
6.5	5897.95	3.95					10138	1.316452	41.00		10274	1.32414	41.25		15404	1.2449	41.20		15414	1.2477	41.29	
7.5	5896.95	4.95					10263	1.332684	41.54		10375	1.337157	41.68		15479	1.2509	41.41		15485	1.2534	41.49	
* measured from top of casing to bottom of probe						Inches of water in storage:			19.46312				19.3218				18.87759				18.66135	
Hole:	40393																					
access tube:					lysimeters:																	
top steel casing		5934.21		1) depth below g.s.		5.7	5926.4															
top concrete pad		5932.46		2) depth below g.s.		na																
casing height		1.75																				
ground surface		5932.1																				
				date																		
				5/17/93					6/1/93				6/8/93				7/23/93				8/20/93	
depth*	elevation	depth	count	cnt rat	% vol			count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
3.5	5931.16	0.94	8328	1.0757	33.04			8456	1.097909	33.77		8412	1.08416	33.32		11128	0.8993	29.37		10257	0.8270	26.90
4.5	5930.16	1.94	8889	1.1482	35.43			8706	1.130503	34.85		8710	1.122567	34.69		12068	0.9763	31.97		11440	0.9224	30.16
5.5	5929.16	2.94	8651	1.1174	34.42			8564	1.112063	34.24		8662	1.116381	34.38		12544	1.0137	33.29		11752	0.9476	31.02
6.5	5928.16	3.94	6092	0.7869	23.48			5513	0.715881	21.14		5436	0.700606	20.63		8082	0.6531	20.95		8014	0.6462	20.71
7.5	5927.16	4.94	8652	1.1175	34.42			8302	1.078042	33.11		8195	1.056193	32.39		11957	0.9663	31.66		12943	1.0436	34.31
8.5	5926.16	5.94	10297	1.3300	41.45			10308	1.338527	41.73		10151	1.308287	40.73		15257	1.2330	40.79		15257	1.2302	40.70
9.5	5925.16	6.94	10097	1.3042	40.59			10075	1.308272	40.73		10154	1.308674	40.74		15266	1.2337	40.82		15160	1.2224	40.43
10.5	5924.16	7.94	10284	1.3283	41.39			10111	1.312946	40.88		10210	1.315891	40.98		15275	1.2344	40.84		15191	1.2249	40.51
11.5	5923.16	8.94						9913	1.287235	40.03		10144	1.307385	40.70		14749	1.1919	39.39		14827	1.1955	39.51
12.5	5922.16	9.94						10019	1.301	40.49		10068	1.29759	40.38		14963	1.2092	39.98		15067	1.2149	40.17
13.5	5921.16	10.94						10017	1.30074	40.48		9957	1.283284	39.90		15084	1.2190	40.31		15152	1.2217	40.41
										43.47263				43.15402				42.32414				41.87428
Hole:	40593																					
access tube:					lysimeters:																	
top steel casing		5912.29		1) depth below g.s.																		
top concrete pad		5909.49		2) depth below g.s.		na																
casing height		2.8																				
ground surface		5909.5																				
				date																		
									6/1/93				6/8/93				7/23/93				8/20/93	
depth*	elevation	depth						count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
3.5	5909.236	0.26						2481	0.322166	8.11		2461	0.31718	7.95		3209	0.2593	7.47		3103	0.2502	7.15
4.5	5908.236	1.26						6457	0.838463	25.19		6209	0.800232	23.93		7572	0.6119	19.64		7163	0.5776	18.36
5.5	5907.236	2.26						6754	0.877029	26.47		6884	0.887228	26.80		9605	0.7762	25.16		9564	0.7712	24.99
6.5	5906.236	3.26						6971	0.905207	27.40		6912	0.890836	26.92		11028	0.8912	29.09		9932	0.8008	26.00
7.5	5905.236	4.26						7365	0.956369	29.09		7356	0.94806	28.81		10625	0.8587	27.98		10456	0.8431	27.45
8.5	5904.236	5.26						8307	1.078691	33.14		8226	1.060188	32.52		11840	0.9568	31.34		11590	0.9345	30.58
9.5	5903.236	6.26						4517	0.586547	16.86		4571	0.589122	16.94		6696	0.5411	17.11		6700	0.5402	17.08
10.5	5902.236	7.26						3742	0.485911	13.53		3728	0.480474	13.35		5448	0.4403	13.66		5357	0.4319	13.38
11.5	5901.236	8.26						4465	0.579795	16.63		4410	0.568372	16.26		6335	0.5120	16.11		6204	0.5002	15.71
12.5	5900.236	9.26						4969	0.645241	18.80		4965	0.639902	18.62		7245	0.5855	18.63		7279	0.5869	18.68
13.5	5899.236	10.26						5212	0.676795	19.84		5149	0.663616	19.41		7569	0.6109	19.50		7439	0.5998	19.12
14.5	5898.236	11.26						6120	0.794702	23.74		6029	0.777033	23.16		8583	0.6936	22.33		8500	0.6854	22.05
15.5	5897.236	12.26						5005	0.649916	18.95		4988	0.642866	18.72		7378	0.5963	19.00		7384	0.5954	18.97
16.5	5896.236	13.26						5347	0.694325	20.42		5379	0.693259	20.39		7923	0.6403	20.51		7900	0.6370	20.39
17.5	5895.236	14.26						5580	0.724581	21.42		5499	0.708725	20.90		8179	0.6610	21.21		8064	0.6502	20.85
18.5	5894.236	15.26						6164	0.800416	23.93		6380	0.822271	24.65		9418	0.7611	24.64		9489	0.7651	24.78
19.5	5893.236	16.26						7044	0.914686	27.71		7157	0.922413	27.97		10465	0.8457	27.54		10637	0.8577	27.95
20.5	5892.236	17.26						5588	0.72562	21.46		5594	0.720969	21.30		8066	0.6519	20.90		8075	0.6511	20.88
21.5	5891.236	18.26						5332	0.692378	20.36		5405	0.69661	20.50		7813	0.6314	20.20		7771	0.6266	20.04

22.5	5890.236	19.26						5682	0.737826	21.86		5519	0.711303	20.98		8248	0.6666	21.40		8340	0.6725	21.61
23.5	5889.236	20.26						5583	0.724971	21.44		5621	0.724449	21.42		8269	0.6683	21.46		8302	0.6694	21.50
24.5	5888.236	21.26						9922	1.288404	40.07		10044	1.294497	40.27		15220	1.2300	40.69		15219	1.2271	40.59
25.5	5887.236	22.26						10947	1.421504	44.47		11011	1.419126	44.40		16349	1.3212	43.81		16352	1.3185	43.72
26.5	5886.236	23.26						10886	1.413583	44.21		10931	1.408816	44.05		16373	1.3232	43.88		16408	1.3230	43.87
27.5	5885.236	24.26						10912	1.416959	44.32		11052	1.42441	44.57		16285	1.3161	43.63		16258	1.3109	43.46
										73.35631				72.6949				71.82946				70.79921
Hole:	40693																					
access tube:					lysimeters:																	
top steel casing		5941.83		1) depth below g.s.		na																
top concrete pad		5939.73		2) depth below g.s.		na																
casing height		2.1																				
ground surface		5939.4																				
				date																		
				5/18/93					6/1/93				6/8/93				7/23/93				8/4/93	
depth*	elevation	depth	count	cnt rat	% vol			count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
3.5	5938.776	0.62	9139	1.1804	36.60			9428	1.224257	37.95		9404	1.212012	37.54		13093	1.0581	34.81		12660	1.0248	33.67
4.5	5937.776	1.62	10067	1.3003	40.47			10211	1.325932	41.31		10168	1.310478	40.80		15197	1.2281	40.63		15175	1.2283	40.63
5.5	5936.776	2.62	10061	1.2995	40.44			10091	1.310349	40.80		10132	1.305838	40.65		15175	1.2264	40.56		15118	1.2237	40.47
					9.552043					9.759904				9.655956				9.514913				9.466812
Hole:	40793																					
access tube:					lysimeters:																	
top steel casing		5958.64		1) depth below g.s.		5.8	5950.2															
top concrete pad		5956.34		2) depth below g.s.		na																
casing height		2.3																				
ground surface		5956																				
				date																		
				5/18/93					6/1/93				6/8/93				7/23/93				8/4/93	
depth*	elevation	depth	count	cnt rat	% vol			count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
3.5	5955.586	0.41	3091	0.3993	10.66			3205	0.41618	11.22		3127	0.403016	10.79		3742	0.3024	8.94		3657	0.2960	8.72
4.5	5954.586	1.41	5527	0.7139	21.07			5395	0.700558	20.63		5303	0.683464	20.06		7307	0.5905	18.80		7158	0.5794	18.42
5.5	5953.586	2.41	6740	0.8706	26.25			6827	0.886508	26.78		6708	0.864544	26.05		9052	0.7315	23.63		8833	0.7150	23.06
6.5	5952.586	3.41	5282	0.6823	20.02			5270	0.684327	20.09		5074	0.65395	19.09		7288	0.5890	18.75		7255	0.5873	18.69
7.5	5951.586	4.41	4951	0.6395	18.61							4949	0.63784	18.55		7087	0.5727	18.19		7032	0.5692	18.07
8.5	5950.586	5.41	7406	0.9566	29.10							7319	0.943292	28.66		10889	0.8800	28.71		10611	0.8589	27.99
9.5	5949.586	6.41	8795	1.1360	35.03							8534	1.099884	33.84		11865	0.9589	31.41		11854	0.9595	31.43
10.5	5948.586	7.41	10516	1.3583	42.38							10681	1.376595	42.99		15935	1.2878	42.67		15792	1.2783	42.34
11.5	5947.586	8.41	10578	1.3663	42.65							10660	1.373888	42.90		16046	1.2968	42.97		15811	1.2798	42.39
12.5	5946.586	9.41	10535	1.3608	42.46							10508	1.354298	42.25		15825	1.2789	42.36		15976	1.2932	42.85
13.5	5945.586	10.41	10593	1.3683	42.71							10621	1.368862	42.73		15764	1.2740	42.19		16042	1.2985	43.03
14.5	5944.586	11.41	10564	1.3645	42.59							10665	1.374533	42.92		15897	1.2847	42.56		15958	1.2917	42.80
														38.33541				35.54846				35.31452
Hole:	40993																					
access tube:					lysimeters:																	
top steel casing		5983.17		1) depth below g.s.		12	5969.3															
top concrete pad		5981.51		2) depth below g.s.		25.8	5955.5															
casing height		1.66																				
ground surface		5981.3																				
				date																		
				5/19/93					6/8/93				7/22/93				8/4/93				8/19/93	
depth*	elevation	depth	count	cnt rat	% vol			count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
3.5	5980.12	1.18	2948	0.3820	10.09			3089	0.398118	10.63		3841	0.3109	9.23		3838	0.3107	9.22		3868	0.3121	9.27
4.5	5979.12	2.18	2960	0.3835	10.14			3036	0.391288	10.40		4160	0.3367	10.12		4073	0.3297	9.88		4076	0.3288	9.85
5.5	5978.12	3.18	4055	0.5254	14.83			4128	0.532027	15.05		5985	0.4845	15.17		5852	0.4737	14.80		5711	0.4608	14.36
6.5	5977.12	4.18	7116	0.9219	27.95			7221	0.930661	28.24		11008	0.8910	28.09		10773	0.8720	28.44		10680	0.8616	28.08
7.5	5976.12	5.18	8209	1.0636	32.64			8259	1.064441	32.66		12397	1.0035	32.94		12259	0.9923	32.55		12444	1.0040	32.95
8.5	5975.12	6.18	6923	0.8970	27.13			6954	0.89625	27.10		10307	0.8343	27.15		9708	0.7858	25.49		9998	0.8066	26.20
9.5	5974.12	7.18	5230	0.6776	19.87			5222	0.673025	19.72		7584	0.6139	19.60		7471	0.6047	19.29		7577	0.6113	19.51
10.5	5973.12	8.18	4745	0.6148	17.79			4770	0.61477	17.79		6843	0.5539	17.55		6901	0.5586	17.71		6846	0.5523	17.50
11.5	5972.12	9.18	4640	0.6012	17.34			4560	0.587705	16.90		6549	0.5301	16.73		6434	0.5208	16.42		6510	0.5252	16.57
12.5	5971.12	10.18	5135	0.6653	19.46			5140	0.662457	19.37		7490	0.6063	19.34		7504	0.6074	19.38		7564	0.6102	19.48
13.5	5970.12	11.18	7470	0.9879	29.47			7632	0.983632	29.99		11335	0.9175	29.99		11141	0.9018	29.46		11181	0.9021	29.47
14.5	5969.12	12.18	8611	1.1157	34.36			8428	1.086222	33.38		12182	0.9861	32.34		12252	0.9917	32.53		12331	0.9948	32.64
15.5	5968.12	13.18	4870	0.6310	18.33			5003	0.6448	18.78		7060	0.5715	18.15		7034	0.5694	18.08		7086	0.5717	18.16
16.5	5967.12	14.18	4560	0.5908	17.00			4610	0.594149	17.11		6572	0.5320	16.80		6599	0.5342	16.87		6477	0.5225	16.48
17.5	5966.12	15.18	4121	0.5339	15.12			4051	0.522103	14.73		5884	0.4763	14.89		5882	0.4761	14.89		5728	0.4621	14.41
18.5	5965.12	16.18	4702	0.6092	17.61			4762	0.613739	17.76		6713	0.5434	17.19		6824	0.5524	17.50		6857	0.5532	17.53
19.5	5964.12	17.18	4982	0.6455	18.81			4904	0.63204	18.36		7194	0.5823	18.52		7166	0.5801	18.44		7160	0.5777	18.36

20.5	5963.12	18.18	4769	0.6179	17.89		4844	0.624307	18.11		6783	0.5491	17.38		7001	0.5667	17.99		6900	0.5567	17.64	
21.5	5962.12	19.18	4526	0.5864	16.85		4554	0.586931	16.87		6506	0.5266	16.62		6619	0.5358	16.93		6538	0.5275	16.64	
22.5	5961.12	20.18	4852	0.6287	18.25		4837	0.623405	18.08		6991	0.5659	17.98		7005	0.5670	18.00		6820	0.5502	17.42	
23.5	5960.12	21.18	5088	0.6592	19.26		5088	0.655755	19.15		7173	0.5806	18.46		7299	0.5908	18.81		7162	0.5778	18.37	
24.5	5959.12	22.18	5196	0.6732	19.72		5114	0.659106	19.26		7419	0.6005	19.15		7509	0.6078	19.39		7441	0.6003	19.14	
25.5	5958.12	23.18	5952	0.7712	22.96		5884	0.758345	22.54		8720	0.7058	22.75		9044	0.7321	23.65		8744	0.7054	22.74	
26.5	5957.12	24.18	9374	1.2146	37.63		9420	1.214074	37.61		13858	1.1217	36.98		13862	1.1221	37.00		13714	1.1064	36.46	
27.5	5956.12	25.18	11096	1.4377	45.01		11187	1.44181	45.15		16792	1.3592	45.11		16505	1.3360	44.32		16657	1.3438	44.59	
					44.23				42.72				44.92				45.11				44.67	
Hole:	41293																					
access tube:					lysimeters:																	
top steel casing		5957.16		1) depth below g.s.		2.8	5951.9															
top concrete pad		5954.92		2) depth below g.s.		na																
casing height		2.24																				
ground surface		5954.7																				
				date																		
				6/18/93					6/1/93				6/8/93				7/23/93				8/6/93	
depth*	elevation	depth	count	cnt rat	% vol			count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
3.5	5954.106	0.59	5999	0.7749	23.09			6427	0.834567	25.06		4238	0.546204	15.52		7468	0.6035	19.25		7425	0.6010	19.16
4.5	5953.106	1.59	5248	0.6779	19.88			5135	0.666797	19.51		5114	0.659106	19.26		7186	0.5807	18.47		7065	0.5719	18.16
5.5	5952.106	2.59	8099	1.0461	32.06			8213	1.066485	32.73		8298	1.069468	32.83		11767	0.9509	31.14		11050	0.8944	29.20
6.5	5951.106	3.59	10058	1.2991	40.43			10015	1.30048	40.47		10326	1.330842	41.48		15348	1.2403	41.04		15435	1.2494	41.35
7.5	5950.106	4.59	9884	1.2767	39.68			9984	1.296455	40.34		9888	1.274391	39.61		14993	1.2117	40.06		14966	1.2114	40.05
8.5	5949.106	5.59	10076	1.3014	40.50			10103	1.311908	40.85		10062	1.296817	40.35		15212	1.2294	40.67		14964	1.2113	40.05
					14.72409					14.83166				14.54883				14.38514				14.22778
Hole:	41593																					
access tube:					lysimeters:																	
top steel case		5973.68		1) depth below g.s.		na																
asphalt		5969.43		2) depth below g.s.		na																
casing height		4.25																				
				date																		
				6/19/93				6/15/93				7/22/93				8/4/93				8/4/93		
depth*	elevation	depth	count	cnt rat	% vol			count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
5.5	5968.626	0.80	5921	0.7672	22.83			5980	0.7705	22.94		8376	0.6780	21.80		8319	0.6734	21.64		8547	0.6896	22.19
6.5	5967.626	1.80	6483	0.8400	25.24			6573	0.8469	25.47		9177	0.7428	24.02		9310	0.7536	24.38		8196	0.7419	23.98
7.5	5966.626	2.80	7676	0.9946	30.36			7712	0.9937	30.32		10943	0.8858	28.91		10890	0.8815	28.76		10787	0.8703	28.38
8.5	5965.626	3.80	7896	1.0231	31.30			7623	0.9822	29.94		10891	0.8816	28.76		11002	0.8906	29.07		11132	0.8981	29.33
9.5	5964.626	4.80	9592	1.2428	38.56			9484	1.2220	37.88		13272	1.0743	35.36		13639	1.1040	36.38		13453	1.0854	35.74
10.5	5963.626	5.80	10103	1.3090	40.75			10289	1.3267	41.31		15604	1.2631	41.82		15607	1.2633	41.83		15482	1.2491	41.34
11.5	5962.626	6.80	9965	1.2911	40.16			10215	1.3162	40.99		15476	1.2527	41.47		15498	1.2545	41.53		15578	1.2568	41.61
					23.59914				23.48841				22.81				22.98				22.83	
Hole:	41793																					
access tube:					lysimeters:																	
top steel casing		5966.54		1) depth below g.s.		10.5	5953.3															
top concrete pad		5964.19		2) depth below g.s.		na																
casing height		2.35																				
ground surface		5963.8																				
				date																		
				5/18/93					6/1/93				6/8/93				7/23/93				8/4/93	
depth*	elevation	depth	count	cnt rat	% vol			count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
3.5	5963.49	0.31	4455	0.5754	16.49			4494	0.583561	16.76		4651	0.599433	17.28		5137	0.4151	12.80		5112	0.4138	12.75
4.5	5962.49	1.31	5341	0.6899	20.27			5298	0.687963	20.21		5368	0.691842	20.34		7187	0.5808	18.47		7065	0.5719	18.16
5.5	5961.49	2.31	5719	0.7387	21.89			5962	0.774185	23.06		5987	0.77162	22.98		7309	0.5907	18.81		7335	0.5937	18.91
6.5	5960.49	3.31	5130	0.6626	19.37			5190	0.673938	19.75		5131	0.661297	19.33		6879	0.5559	17.62		6940	0.5618	17.82
7.5	5959.49	4.31	8326	1.0754	33.03			8537	1.108557	34.12		8533	1.099755	33.83		11369	0.9188	30.04		9762	0.7902	25.64
8.5	5958.49	5.31	10583	1.3670	42.67			10633	1.38073	43.13		10746	1.384972	43.27		16191	1.3085	43.37		15980	1.2935	42.86
9.5	5957.49	6.31	5705.5	0.7370	21.83			5349	0.694585	20.43		5114	0.659106	19.26		7145	0.5774	18.35		7218	0.5843	18.59
10.5	5956.49	7.31	9214	1.1901	36.82			9012	1.170238	36.16		7619	0.981956	29.94		7238	0.5849	18.61		6997	0.5664	17.98
11.5	5955.49	8.31	9404	1.2147	37.63			9384	1.218543	37.76		9328	1.202217	37.22		13018	1.0520	34.60		9594	0.7766	25.17
12.5	5954.49	9.31	10045	1.2975	40.37			10074	1.308142	40.72		10137	1.306483	40.67		14880	1.2025	39.75		14888	1.2051	39.84
13.5	5953.49	10.31	11018	1.4231	44.53			11135	1.445916	45.28		10956	1.412038	44.16		16456	1.3299	44.11		16489	1.3347	44.27
14.5	5952.49	11.31	9693	1.2520	38.87			9769	1.268537	39.41		9872	1.272329	39.54		14580	1.1783	38.92		14420	1.1672	38.54
15.5	5951.49	12.31	11072	1.4301	44.76			11073	1.437865	45.01		11197	1.443098	45.19		16602	1.3417	44.51		16695	1.3514	44.84
16.5	5950.49	13.31	11065	1.4292	44.73			10972	1.42475	44.58		10945	1.41062	44.11		16496	1.3331	44.22		16482	1.3341	44.25
17.5	5949.49	14.31	10908	1.4089	44.06			11033	1.432671	44.84		11079	1.42789	44.68		16477	1.3316	44.17		16447	1.3313	44.16
18.5	5948.49	15.31	10967	1.4166	44.31			10827	1.405921	43.96		10833	1.396185	43.64		16206	1.3097	43.42		16411	1.3284	44.06
					57.6125					57.9528				56.64072				52.86583				51.583
Hole:	42493																					
access tube:					lysimeters:																	

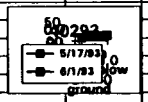
top steel case		5975.88		1) depth below g.s.		3.8																
asphalt		5971.66		2) depth below g.s.		7.1	5964.56															
casing height		4.22																				
				date																		
				5/19/93				6/15/93				7/22/93				8/4/93				8/19/93		
depth*	elevation	depth	count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol	
5.5	5970.83	0.83	5514	0.7144	21.09		5480	0.7061	20.81		7776	0.629432	20.13428		7903	0.639712	20.48612		7883	0.635982	20.35848	
6.5	5969.83	1.83	7347	0.9519	28.94		7300	0.9406	28.57		10542	0.853327	27.79727		10472	0.847661	27.60334		10553	0.851392	27.73104	
7.5	5968.83	2.83	5825	0.7547	22.42		5889	0.7588	22.55		8605	0.696536	22.43096		.8448	0.683827	21.996		8511	0.686648	22.09265	
8.5	5967.83	3.83	7609	0.9859	30.07		7701	0.9923	30.28		11260	0.911446	29.78643		11406	0.923264	30.19091		11321	0.913352	29.85168	
9.5	5966.83	4.83	8762	1.1353	35.01		8599	1.1080	34.10		12557	1.016432	33.37967		12419	1.005261	32.99735		12525	1.010488	33.17624	
10.5	5965.83	5.83	9178	1.1892	36.79		9230	1.1893	36.79		14065	1.138498	37.55747		13455	1.089121	35.86751		13479	1.087455	35.81048	
11.5	5964.83	6.83	11238	1.4561	45.62		11171	1.4394	45.06		16799	1.359802	45.1318		16861	1.364821	45.30357		16835	1.358209	45.07726	
12.5	5963.83	7.83	10033	1.2999	40.45		9926	1.2790	39.76		14712	1.190869	39.34993		14670	1.18747	39.23357		14816	1.195321	39.50228	
13.5	5962.83	8.83	8671	1.1235	34.62		8776	1.1308	34.86		12848	1.039987	34.18586		12834	1.038854	34.14708		12852	1.03687	34.07917	
					32.27169				32.02806				31.76678				31.47234				31.46847	
Hole:	42893																					
access tube:				lysimeters:																		
top steel casing		5980.55		1) depth below g.s.		5.8	5972.3															
top concrete pad		5978.58		2) depth below g.s.		na																
casing height		1.97																				
ground surface		5978.1																				
				date																		
				5/18/93					6/1/93				6/8/93									
depth*	elevation	depth	count	cnt rat	% vol			count	cnt rat	% vol		count	cnt rat	% vol								
3.5	5977.50	0.60	6723	0.8684	26.18			6802	0.883262	26.67		6567	0.846372	25.45								
4.5	5976.50	1.60	8570	1.1069	34.07			7804	1.013375	30.97		7812	1.006831	30.76								
5.5	5975.50	2.60	7260	0.9366	28.43			7316	0.950006	28.88		7444	0.959402	29.19								
6.5	5974.50	3.60	6391	0.8255	24.76			6229	0.808856	24.21		6103	0.78657	23.47								
7.5	5973.50	4.60	6871	0.8875	26.81			6673	0.866511	26.12		6727	0.866993	26.13								
8.5	5972.50	5.60	9776	1.2627	39.22			9664	1.254902	38.96		9706	1.250934	38.83								
9.5	5971.50	6.60	10880	1.4053	43.94			10984	1.426308	44.63		10914	1.406625	43.98								
10.5	5970.50	7.60	11346	1.4655	45.93			11557	1.500714	47.09		11451	1.475835	46.27								
11.5	5969.50	8.60	11507	1.4863	46.62			11429	1.484093	46.54		11453	1.476092	46.28								
12.5	5968.50	9.60	11397	1.4721	46.16			11253	1.461239	45.79		11530	1.486016	46.61								
13.5	5967.50	10.60	11216	1.4487	45.37			11205	1.455006	45.58		11240	1.44864	45.37								
		inches of water in storage			44.94657					44.50874				44.23029								
Hole:	43193																					
access tube:				lysimeters:																		
top steel casing		5966.19		1) depth below g.s.		4.5																
top concrete pad		5964.56		2) depth below g.s.		8.7	5955.7															
casing height		1.63																				
ground surface		5964.4																				
				date																		
				5/18/93					6/1/93				6/8/93				7/23/93				8/5/93	
depth*	elevation	depth	count	cnt rat	% vol			count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
3.5	5963.14	1.26	4740	0.6122	17.71			4595	0.596676	17.19		4715	0.607681	17.56		6168	0.4985	15.65		6038	0.4887	15.32
4.5	5962.14	2.26	6084	0.6567	19.18			5756	0.747435	22.18		4985	0.64248	18.71		6730	0.5439	17.21		6719	0.5439	17.21
5.5	5961.14	3.26	7900	1.0204	31.21			8285	1.075834	33.04		8290	1.068437	32.80		12205	0.9863	32.35		11720	0.9487	31.06
6.5	5960.14	4.26	5011	0.6472	18.87			4956	0.643553	18.74		4967	0.64016	18.63		6839	0.5527	17.61		6727	0.5446	17.23
7.5	5959.14	5.26	9109	1.1766	36.37			9160	1.189456	36.80		9108	1.173863	36.28		13797	1.1150	36.75		13381	1.0831	35.66
8.5	5958.14	6.26	10608.5	1.3703	42.78			10429	1.35424	42.25		10716	1.381106	43.14		14497	1.1716	38.69		14111	1.1422	37.68
9.5	5957.14	7.26	8497	1.0975	33.76			8584	1.11466	34.32		8490	1.094213	33.65		12172	0.9837	32.26		11996	0.9710	31.83
10.5	5956.14	8.26	10752	1.3888	43.39			10801	1.402545	43.85		10865	1.400309	43.77		16054	1.2974	43.00		16170	1.3089	43.39
11.5	5955.14	9.26			20.39633					20.95515		9279	1.195902	37.01		13939	1.1265	37.15		13862	1.1221	37.00
Hole:	43693													22.7105				21.63356				21.34334
access tube:				lysimeters:																		
top steel case		5976.67		1) depth below g.s.		7.9	5964.52															
asphalt		5972.42		2) depth below g.s.		na																
casing height		4.25																				
				date																		
				5/19/93				6/15/93				7/22/93				8/4/93				8/19/93		
depth*	elevation	depth	count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol	
5.5	5971.62	0.80	5957	0.7718	22.99		5691	0.7333	21.71		7715	0.624494	19.96528		7590	0.614376	19.61898		7541	0.60839	19.41413	
6.5	5970.62	1.80	6022	0.7803	23.26		5892	0.7592	22.57		8327	0.674033	21.66078		8199	0.663672	21.30617		8219	0.66309	21.28626	
7.5	5969.62	2.80	8226	1.0658	32.71		8312	1.0710	32.88		12078	0.977659	32.05264		12084	0.978145	32.06926		12023	0.969988	31.79009	
8.5	5968.62	3.80	8946	1.1591	35.79		9011	1.1611	35.86		13580	1.099239	36.21381		13594	1.100372	36.2526		13736	1.108189	36.62012	
9.5	5967.62	4.80	4683	0.6068	17.53		4663	0.6008	17.33		7026	0.568723	18.05646		6856	0.554962	17.58549		6811	0.549496	17.39841	



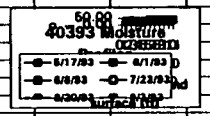
10.5	5966.62	5.80	4405	0.5707	16.33		4474	0.5765	16.52		6415	0.519265	16.36374		6483	0.524769	16.55212		6309	0.508998	16.01226	
11.5	5965.62	6.80	7838	1.0165	31.05		7833	1.0093	30.84		11637	0.941962	30.83088		11618	0.940424	30.77824		11390	0.918919	30.04221	
12.5	5964.62	7.80	8416	1.0904	33.52		8494	1.0944	33.66		12675	1.017889	33.42954		12341	0.998948	32.78126		12300	0.992336	32.55495	
13.5	5963.62	8.80	8287	1.0737	32.97		8040	1.0369	31.72		11790	0.954347	31.25476		11833	0.957827	31.37388		11796	0.951674	31.16328	
14.5	5962.62	9.80	8319	1.0779	33.11		8324	1.0725	32.93		12234	0.990287	32.48482		12228	0.989801	32.4682		12120	0.977814	32.05793	
15.5	5961.62	10.80	10173	1.3181	41.05		10256	1.3215	41.17		15382	1.245103	41.20611		15374	1.244455	41.18395		15322	1.236144	40.89948	
16.5	5960.62	11.80	9898	1.2825	39.87		10135	1.3059	40.65		14993	1.213815	40.12842		14989	1.213291	40.11734		15152	1.222428	40.43006	
					34.42591				34.18298				33.84687				33.67432				33.39311	
Hole:	43793																					
access tube:					hysimeters:																	
top steel casing		5974.19		1) depth below g.s.		4.5	5967.6															
top concrete pad		5972.53		2) depth below g.s.		10.8	5961.3															
casing height		1.66																				
ground surface		5972.1																				
				date				date														
				5/19/93				6/15/93				7/22/93				8/4/93				8/19/93		
depth*	elevation	depth	count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol	
3.5	5971.14	0.96	6729	0.8719	26.29		6222	0.8017	23.97		8026	0.6497	20.83		6493	0.5256	16.58		5839	0.4711	14.71	
4.5	5970.14	1.96	6421	0.8320	24.97		7245	0.9335	28.33		10906	0.8828	28.81		9630	0.7795	25.27		8032	0.6480	20.77	
5.5	5969.14	2.96	4577	0.5930	17.07		4475	0.5766	16.53		6489	0.5253	16.57		6404	0.5184	16.33		6433	0.5190	16.35	
6.5	5968.14	3.96	5492	0.7116	20.99		5116	0.6592	19.26		7249	0.5868	18.67		7179	0.5811	18.48		7073	0.5706	18.12	
7.5	5967.14	4.96	8645	1.1201	34.51		8361	1.0773	33.09		12326	0.9977	32.74		12387	1.0027	32.91		12273	0.9902	32.48	
8.5	5966.14	5.96	5538	0.7175	21.19		5475	0.7055	20.79		7716	0.6246	19.97		7713	0.6243	19.96		7656	0.6177	19.73	
9.5	5965.14	6.96	4301	0.5573	15.89		4414	0.5687	16.27		6471	0.5238	16.52		6269	0.5074	15.96		6338	0.5113	16.09	
10.5	5964.14	7.96	4486	0.5812	16.68		4526	0.5832	16.75		6499	0.5261	16.60		6577	0.5324	16.81		6452	0.5205	16.41	
11.5	5963.14	8.96	4501	0.5832	16.75		4455	0.5740	16.44		7375	0.5970	19.02		6869	0.5560	17.62		6768	0.5460	17.28	
12.5	5962.14	9.96	6368	0.8251	24.75		6904	0.8896	26.88		11837	0.9582	31.38		11801	0.9552	31.29		11699	0.9438	30.90	
13.5	5961.14	10.96	9524	1.2340	38.27		9714	1.2516	38.86		16905	1.3684	45.43		19051	1.5421	51.37		19236	1.5519	51.71	
14.5	5960.14	11.96	11331	1.4681	46.02		11551	1.4883	46.68													
15.5	5959.14	12.96	12259	1.5884	49.99																	
					26.69342				27.0211				27.90686				27.2332				28.18158	
Hole:	44093																					
access tube:					hysimeters:																	
top steel casing		5970.85		1) depth below g.s.		5.6	5962.8															
top concrete pad		5968.85		2) depth below g.s.		11	5957.4															
casing height		2																				
ground surface		5968.4																				
				date																		
				5/18/93					6/1/93				6/8/93				7/23/93				8/4/93	
depth*	elevation	depth	count	cnt rat	% vol			count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
3.5	5967.80	0.60	4874	0.6296	18.28			4762	0.618361	17.91		4635	0.597371	17.22		5915	0.4780	14.95		6011	0.4866	15.24
4.5	5966.80	1.60	4798	0.6197	17.96			4930	0.640177	18.63		4831	0.622632	18.05		6206	0.5015	15.76		6202	0.5020	15.77
5.5	5965.80	2.60	6646	0.8584	25.85			6534	0.848461	25.52		6447	0.830906	24.94		8746	0.7068	22.78		8700	0.7042	22.69
6.5	5964.80	3.60	5991	0.7738	23.05			5851	0.759771	22.59		5944	0.766078	22.80		8835	0.7140	23.03		8712	0.7052	22.73
7.5	5963.80	4.60	7403	0.9562	29.08			7287	0.946241	28.75		7316	0.942906	28.64		10580	0.8550	27.86		10544	0.8535	27.80
8.5	5962.80	5.60	8542	1.1033	33.95			8293	1.076873	33.08		8308	1.070757	32.87		12178	0.9840	32.27		12260	0.9924	32.56
9.5	5961.80	6.60	9336	1.2059	37.34			9379	1.217894	37.74		9274	1.195257	36.99		13035	1.0534	34.65		13314	1.0777	35.48
10.5	5960.80	7.60	9808	1.2669	39.36			9856	1.279834	39.79		9884	1.273875	39.59		14782	1.1946	39.48		14391	1.1649	38.46
11.5	5959.80	8.60	8339	1.0771	33.08			8369	1.086742	33.40		8326	1.073076	32.95		12104	0.9782	32.07		11546	0.9346	30.58
12.5	5958.80	9.60	8409	1.0862	33.38			8420	1.093364	33.62		8268	1.065601	32.70		12249	0.9899	32.47		12284	0.9943	32.62
13.5	5957.80	10.60	10234	1.3219	41.18			10129	1.315284	40.96		9966	1.284444	39.94		15132	1.2229	40.45		15440	1.2498	41.37
14.5	5956.80	11.60	10823	1.3980	43.69			10890	1.414102	44.23		10756	1.386261	43.31		16280	1.3157	43.62		16180	1.3097	43.42
15.5	5955.80	12.60	10655	1.3763	42.98			10641	1.381769	43.16		10630	1.370022	42.77		15957	1.2896	42.73		16066	1.3005	43.10
16.5	5954.80	13.60	10641	1.3745	42.92			10654	1.383457	43.22		10521	1.355974	42.31		15998	1.2929	42.84		15956	1.2916	42.80
					46.3962					46.4617				45.76782				44.7912				44.65678
Hole:	44393																					
access tube:					hysimeters:																	
top steel casing		5979.11		1) depth below g.s.		4	5972.9															
top concrete pad		5977.18		2) depth below g.s.		7.6	5969.3															
casing height		1.93																				
ground surface		5976.9																				
				date																		
				5/18/93					6/1/93				6/8/93				7/22/93				8/4/93	
depth*	elevation	depth	count	cnt rat	% vol			count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
3.5	5976.06	1	3132	0.4045	10.84			3317	0.430723	11.70		3248	0.418611	11.30		4521	0.3660	11.12		4602	0.3725	11.34
4.5	5975.06	2	4506	0.5820	16.71			5728	0.7438	22.06		4375	0.563861	16.11		6142	0.4972	15.61		6249	0.5058	15.90
5.5	5974.06	3	5616	0.7254	21.45			6364	0.696533	20.50		5495	0.70821	20.88		8029	0.6499	20.84		7967	0.6449	20.66
6.5	5973.06	4	6269	0.8097	24.24			6352	0.824828	24.74		6186	0.797268	23.83		9882	0.7999	25.97		10306	0.8342	27.14
7.5	5972.06	5	8583	1.1086	34.13			8768	1.138553	35.12		7675	0.989174	30.17		10936	0.8852	28.89		10994	0.8899	29.05
8.5	5971.06	6	7955	1.0275	31.44			7808	1.013894	30.99		6681	0.861065	25.94		8077	0.6538	20.97		7481	0.6056	19.32

9.5	5970.06	7	8701	1.1239	34.63			8703	1.130113	34.84		8775	1.130945	34.86		12869	1.0417	34.24		11464	0.9280	30.35
10.5	5969.06	8	10497	1.3559	42.30			10403	1.350864	42.14		10323	1.330455	41.46		15570	1.2603	41.73		15678	1.2691	42.03
11.5	5968.06	9	10322	1.3332	41.55			10439	1.355538	42.29		10395	1.339735	41.77		15880	1.2854	42.59		15677	1.2690	42.02
12.5	5967.06	10	10582	1.3668	42.67			10526	1.366706	42.66		10422	1.343214	41.88		15822	1.2807	42.43		15597	1.2625	41.80
13.5	5966.06	11	10431	1.3473	42.02			10505	1.364109	42.58		10603	1.366542	42.66		15722	1.2726	42.15		15689	1.2700	42.06
14.5	5965.06	12	10553	1.3631	42.54			10488	1.361901	42.50		10611	1.367573	42.69		15707	1.2714	42.11		15730	1.2733	42.17
					37.83222					38.80424				36.24827				35.72632				35.29369

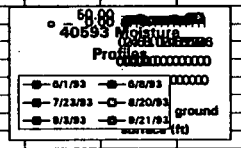
	8/20/93				9/3/93				9/21/93		
count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol	
7175	0.5785	18.39		6992	0.5638	17.89		9378	0.7641	24.74	
14469	1.1667	38.52		14128	1.1392	37.58		15376	1.2531	41.48	
15609	1.2586	41.67		15626	1.2600	41.71		15754	1.2839	42.54	
15444	1.2453	41.21		15149	1.2215	40.40		15390	1.2543	41.52	
15574	1.2558	41.67		15568	1.2553	41.55		15628	1.2737	42.18	
		18.48936				18.19142				19.3602	



	9/3/93			9/21/93		
count	cnt rat	% vol	count	cnt rat	% vol	
9960	0.8031	26.08	9543	0.7778	25.21	
10788	0.8699	28.36	10260	0.8362	27.21	
11553	0.9315	30.47	11204	0.9131	29.84	
7744	0.6244	19.96	7535	0.6141	19.61	
12936	1.0431	34.29	12416	1.0119	33.22	
15256	1.2301	40.69	15311	1.2478	41.30	
15299	1.2336	40.81	15425	1.2571	41.62	
15332	1.2363	40.90	15446	1.2588	41.68	
15006	1.2100	40.00	14853	1.2105	40.02	
14987	1.2084	39.95	15126	1.2328	40.78	
15300	1.2337	40.81	15251	1.2430	41.13	
		41.50194			41.5232	



	9/3/93			9/21/93		
count	cnt rat	% vol	count	cnt rat	% vol	
3108	0.2506	7.17	3046	0.2482	7.09	
7064	0.5696	18.09	7026	0.5726	18.19	
9449	0.7619	24.67	9395	0.7657	24.80	
9848	0.7941	25.77	9950	0.8109	26.35	
10444	0.8421	27.41	10297	0.8392	27.31	
11507	0.9278	30.35	11304	0.9213	30.12	
6671	0.5379	17.00	6736	0.5490	17.38	
5408	0.4361	13.52	5355	0.4364	13.53	
6243	0.5034	16.82	6307	0.5140	16.18	
7084	0.5712	18.14	7155	0.5831	18.55	
7447	0.6005	19.14	7390	0.6023	19.21	
8369	0.6748	21.69	8431	0.6871	22.11	
7423	0.5985	19.08	7251	0.5910	18.82	
7902	0.6372	20.40	7877	0.6420	20.56	
7972	0.6428	20.59	7979	0.6503	20.85	
9374	0.7558	24.46	9381	0.7645	24.76	
10757	0.8674	28.28	10709	0.8728	28.46	
8088	0.6522	20.91	8055	0.6565	21.06	
7707	0.6214	19.86	7781	0.6341	20.30	



Standard Counts

Date	Standard	Chi Sq
5/18/93	7742	0.88
5/19/93	7718	0.97
6/1/93	7701	1.06
6/8/93	7759	1.05
6/15/93	7761	0.99
7/22/93	12354	0.85
7/23/93	12374	0.8
8/4/93	12354	1.04
8/19/93	12395	1.03
8/20/93	12402	1.12
9/21/93	12270	1.01

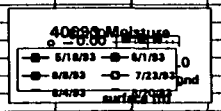
Original calibration 9/4/90 (sch 40 aluminum - 2" ?)

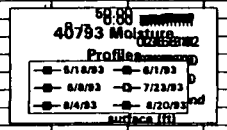
moisture content		count	std count	cnt rat	cnt rat *
in/ft	% vol				
0	0	620	8065	0.076875	0.076875
4.176	34.8	15176	8065	1.881711	1.129027

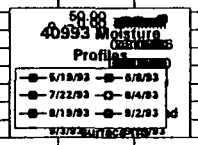
material	units		slope	y inter
	moiture	count		
aluminum	in/ft	cnt rat	2.313784	-0.17787
aluminum	% vol	cnt rat	19.28153	-1.48228
2 "pvc	% vol	cnt rat	33.07609	-2.54266

* corrected for 2" sch 40 pvc: count at high moisture = aluminum * 0.

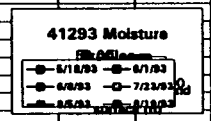
	8338	0.6723	21.60		8193	0.6677	21.44																
	8278	0.6676	21.44		8337	0.6795	21.85																
	15189	1.2247	40.51		15286	1.2458	41.23																
	16315	1.3155	43.62		16363	1.3336	44.23																
	16484	1.3291	44.08		16352	1.3327	44.20																
	16443	1.3258	43.97		16452	1.3408	44.48																
			70.5197				71.15072																
		8/20/93				9/3/93				9/21/93													
	count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol												
	12102	0.9758	31.99		12096	0.9753	31.97		12044	0.9816	32.19												
	15189	1.2247	40.51		15200	1.2256	40.54		15137	1.2337	40.81												
	15113	1.2188	40.30		15120	1.2192	40.32		15002	1.2227	40.44												
			9.372897				9.377884				9.435302												
		8/20/93				9/3/93				9/21/93													
	count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol												
	3513	0.2833	8.29		3283	0.2647	7.65		3236	0.2637	7.62												
	6898	0.5562	17.63		6755	0.5447	17.23		6758	0.5508	17.44												
	8356	0.6738	21.65		8221	0.6629	21.28		8109	0.6609	21.21												
	7339	0.5918	18.84		7070	0.5701	18.10		7076	0.5767	18.33												
	7135	0.5753	18.28		6986	0.5633	17.87		6798	0.5540	17.55												
	10456	0.8431	27.45		10225	0.8245	26.81		9577	0.7805	25.31												
	11487	0.9262	30.29		11300	0.9111	29.78		10767	0.8775	28.62												
	15856	1.2785	42.35		15837	1.2770	42.30		15902	1.2960	42.95												
	16166	1.3035	43.20		16073	1.2960	42.95		16036	1.3069	43.32												
	15996	1.2898	42.74		16085	1.2970	42.98		15971	1.3016	43.14												
	16013	1.2912	42.78		16107	1.2987	43.04		15950	1.2999	43.08												
	15918	1.2836	42.52		16061	1.2950	42.92		15958	1.3006	43.10												
			34.95792				34.56538				34.43146												
	9/2/93				9/21/93																		
count	cnt rat	% vol		count	cnt rat	% vol																	
3807	0.3071	9.10		4097	0.3339	10.02																	
3992	0.3221	9.61		4018	0.3275	9.80																	
5446	0.4394	13.63		5358	0.4367	13.54																	
9695	0.7822	25.36		8997	0.7333	23.69																	
12341	0.9956	32.67		12117	0.9875	32.39																	
9940	0.8019	26.04		9713	0.7916	25.68																	
7548	0.6090	19.43		7576	0.6174	19.72																	
6842	0.5520	17.48		6812	0.5552	17.59																	
6427	0.5185	16.34		6464	0.5268	16.62																	
7551	0.6092	19.44		7456	0.6077	19.39																	
11148	0.8994	29.37		11265	0.9181	30.01																	
12326	0.9944	32.63		12063	0.9831	32.24																	
6962	0.5617	17.82		7051	0.5747	18.26																	
6562	0.5294	16.71		6401	0.5217	16.45																	
5750	0.4639	14.47		5746	0.4683	14.62																	
6688	0.5396	17.06		6511	0.5306	16.75																	
7094	0.5723	18.18		7024	0.5725	18.18																	

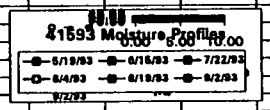


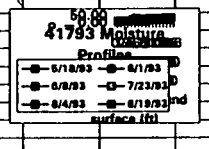




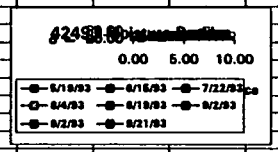
6989	0.5639	17.89		7068	0.5760	18.31																	
6542	0.5278	16.66		6582	0.5364	16.95																	
6895	0.5563	17.63		6951	0.5665	17.98																	
7271	0.5866	18.67		7176	0.5848	18.61																	
7417	0.5984	19.07		7327	0.5971	19.03																	
8677	0.7000	22.55		8845	0.7209	23.26																	
13790	1.1125	36.67		13739	1.1197	36.91																	
16571	1.3369	44.35		16435	1.3394	44.44																	
		44.71				42.89																	
		8/19/93				9/3/93				9/21/93													
	count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol												
	7349	0.5929	18.88		6071	0.4898	15.36		5764	0.4689	14.64												
	6840	0.5518	17.48		6780	0.5470	17.31		6536	0.5327	16.82												
	10880	0.8778	28.63		10309	0.8317	27.06		9428	0.7684	24.89												
	15375	1.2404	41.05		15557	1.2551	41.55		15424	1.2570	41.62												
	15089	1.2173	40.26		15142	1.2216	40.40		15046	1.2262	40.56												
	15309	1.2351	40.86		15205	1.2267	40.58		15171	1.2364	40.91												
			14.02021				13.81267				13.54934												
	9/2/93																						
count	cnt rat	% vol																					
8408	0.6783	21.81																					
9216	0.7435	24.04																					
10814	0.8724	28.45																					
11207	0.9042	29.54																					
13517	1.0905	35.92																					
15550	1.2545	41.53																					
15569	1.2561	41.58																					
		22.90																					
		8/19/93				9/3/93				9/21/93													
	count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol												
	5233	0.4222	13.04		5083	0.4101	12.63		5059	0.4123	12.70												
	7179	0.5792	18.41		7241	0.5842	18.59		7186	0.5857	18.64												
	7332	0.5915	18.84		7318	0.5904	18.80		7301	0.5950	18.96												
	6885	0.5555	17.60		6788	0.5476	17.33		6855	0.5587	17.71												
	9226	0.7443	24.07		9121	0.7359	23.78		9239	0.7530	24.36												
	16021	1.2925	42.83		16103	1.2992	43.06		16213	1.3214	43.82												
	7145	0.5764	18.32		7110	0.5736	18.22		6937	0.5654	17.94												
	6932	0.5593	17.73		6927	0.5589	17.72		6863	0.5593	17.74												
	7374	0.5949	18.95		6896	0.5564	17.63		6677	0.5442	17.22												
	14926	1.2042	39.81		14730	1.1884	39.26		14414	1.1747	38.80												
	16705	1.3477	44.72		16567	1.3366	44.34		16533	1.3474	44.71												
	14649	1.1818	39.04		14496	1.1695	38.62		14569	1.1874	39.23												
	16581	1.3377	44.38		16562	1.3362	44.32		16544	1.3483	44.74												
	16452	1.3273	44.02		16585	1.3380	44.39		16439	1.3398	44.45												
	16610	1.3401	44.46		16576	1.3373	44.36		16459	1.3414	44.50												
	16223	1.3088	43.39		16119	1.3004	43.10		16245	1.3240	43.91												
			50.953				50.682				50.982												



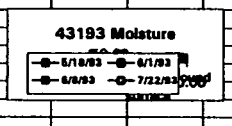




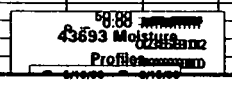
	9/2/93				9/21/93	
count	cnt rat	% vol		count	cnt rat	% vol
7949	0.641307	20.54072		7807	0.636287	20.36823
10490	0.846309	27.55708		10416	0.8489	27.64575
8820	0.695442	22.39352		8501	0.692828	22.30407
11457	0.924324	30.22721		11476	0.935289	30.6025
12582	1.015087	33.33363		12819	1.028362	33.78798
13321	1.074708	35.3742		13684	1.10709	36.48253
16981	1.369988	45.48041		16904	1.377869	45.7433
14809	1.194756	39.48295		14511	1.182641	39.06829
12745	1.028237	33.78371		12870	1.0489	34.49091
		31.49221				31.74905



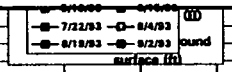
		8/19/93			9/3/93			9/21/93		
	count	cnt rat	% vol		count	cnt rat	% vol	count	cnt rat	% vol
	6013	0.4851	15.19		6160	0.4970	15.60	5964	0.4861	15.23
	6700	0.5406	17.09		6631	0.5350	16.90	6517	0.5311	16.77
	11837	0.9550	31.28		11255	0.9080	29.67	11343	0.9244	30.23
	6692	0.5399	17.07		6496	0.5241	16.53	6569	0.5354	16.91
	13745	1.1089	36.54		13309	1.0737	35.34	13208	1.0764	35.43
	14233	1.1483	37.89		14192	1.1450	37.78	14127	1.1513	38.00
	11281	0.9101	29.74		11092	0.8949	29.22	11147	0.9085	29.68
	16149	1.3029	43.18		16112	1.2999	43.08	16226	1.3224	43.85
	13871	1.1191	36.89		13773	1.1112	36.62	13667	1.1139	36.71
			21.24488				20.9353			21.14334



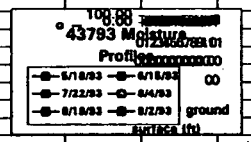
	9/2/93				9/21/93	
count	cnt rat	% vol		count	cnt rat	% vol
7492	0.604437	19.27882		7518	0.612714	19.5621
8207	0.662122	21.25312		8314	0.677588	21.78245
11896	0.959742	31.43941		11774	0.959576	31.43374
13511	1.090036	35.89884		13548	1.104156	36.38211
6993	0.564179	17.90096		6951	0.566504	17.98052



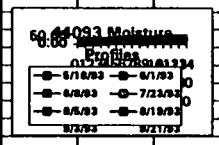
6268	0.505688	15.89904		6218	0.506764	15.93589
11225	0.905607	29.5866		10905	0.888753	29.00976
12552	1.012666	33.25079		12420	1.012225	33.23568
11834	0.95474	31.26821		11656	0.949959	31.10459
11997	0.96789	31.71829		12338	1.005542	33.00695
15385	1.241226	41.07344		15266	1.244173	41.17428
15082	1.216781	40.23678		15037	1.225509	40.53551
		33.31292				33.64664



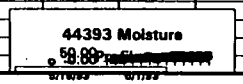
	9/2/93				9/21/93	
count	cnt rat	% vol		count	cnt rat	% vol
5440	0.4389	13.61		5487	0.4472	13.90
7121	0.5745	18.25		7229	0.5892	18.76
6344	0.5118	16.11		6079	0.4954	15.55
7007	0.5653	17.94		7182	0.5853	18.62
12366	0.9977	32.74		12706	1.0355	34.03
7659	0.6179	19.74		7690	0.6267	20.04
6408	0.5170	16.29		6311	0.5143	16.20
6582	0.5310	16.77		6446	0.5253	16.57
6585	0.5313	16.77		6453	0.5259	16.59
10905	0.8798	28.70		9979	0.8133	26.43
18909	1.5255	50.80		18759	1.5289	50.92
		25.35365				25.24946



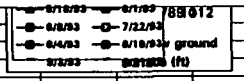
	8/19/93				9/3/93				9/21/93		
	count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
	5969	0.4816	15.07		5836	0.4708	14.71		5919	0.4824	15.10
	6176	0.4983	15.65		6188	0.4992	15.68		6130	0.4996	15.69
	7884	0.6361	20.36		7622	0.6149	19.64		7382	0.6016	19.18
	8419	0.6792	21.84		8130	0.6559	21.04		7999	0.6519	20.90
	10461	0.8440	27.48		10344	0.8345	27.16		10169	0.8288	26.96
	12076	0.9743	31.94		11862	0.9570	31.35		11526	0.9394	30.74
	12954	1.0451	34.36		12938	1.0438	34.32		12820	1.0448	34.35
	14359	1.1585	38.24		14447	1.1656	38.48		14409	1.1743	38.78
	11185	0.9024	29.48		10812	0.8723	28.45		8515	0.6940	22.34
	12203	0.9845	32.29		12065	0.9734	31.91		11378	0.9273	30.33
	15040	1.2134	40.12		15120	1.2198	40.34		15074	1.2285	40.64
	16277	1.3132	43.54		16293	1.3145	43.58		16267	1.3258	43.97
	15996	1.2905	42.76		16074	1.2968	42.98		16011	1.3049	43.25
	16206	1.3075	43.34		15962	1.2878	42.67		15985	1.3028	43.18
			43.81447				43.42447				42.67848



	8/19/93				9/3/93				9/21/93		
	count	cnt rat	% vol		count	cnt rat	% vol		count	cnt rat	% vol
	4604	0.3714	11.30		4394	0.3545	10.72		4528	0.3690	11.22
	6077	0.4903	15.37		5982	0.4828	15.11		5994	0.4885	15.31
	7885	0.6361	20.36		7864	0.6344	20.31		7792	0.6350	20.33
	10222	0.8247	26.82		10171	0.8206	26.68		10304	0.8398	27.33
	10737	0.8662	28.24		10964	0.8846	28.87		10814	0.8813	28.76
	7425	0.5990	19.09		7535	0.6079	19.40		8209	0.6690	21.49



	10704	0.8636	28.15		10890	0.8786	28.66		12876	1.0494	34.51											
	15832	1.2773	42.31		15496	1.2502	41.38		15815	1.2889	42.71											
	15703	1.2669	41.95		15668	1.2641	41.85		15699	1.2795	42.38											
	15732	1.2692	42.03		15679	1.2649	41.89		15655	1.2759	42.26											
	15926	1.2849	42.57		15623	1.2604	41.73		15824	1.2896	42.73											
	15810	1.2755	42.25		15681	1.2651	41.89		15834	1.2905	42.76											
			34.95057				34.785				38.0917											



Calibration Transfer: conducted @ 40593

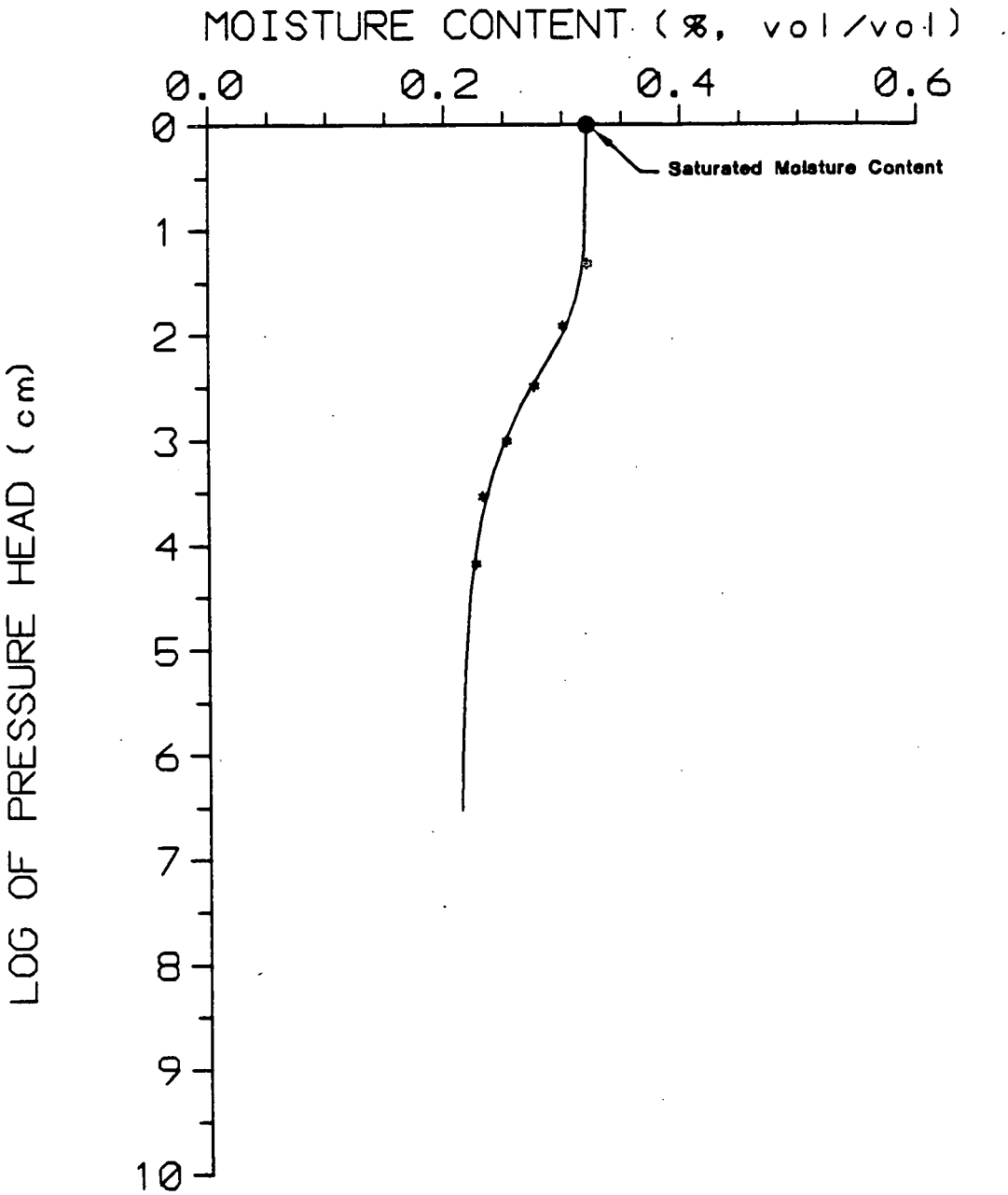
	ASI				RUST			
depth	count *	cnt rat	moist		count *	cnt rat	moist	check
5.5	6716	0.865352	26.08		9605	0.776224	26.07895	25.15837
10.5	3802	0.489885	13.66		5448	0.440278	13.68034	13.66034
25.5	10877	1.401495	43.81		16349	1.321238	43.8119	43.8119
					slope:	34.2258		
					y inter:	-1.40852		

*: standard count

APPENDIX S

APPENDIX II.S

SOIL MOISTURE CHARACTERISTIC DATA AND UNSATURATED HYDRAULIC CONDUCTIVITY RESULTS



***** Observed Data

——— Calculated

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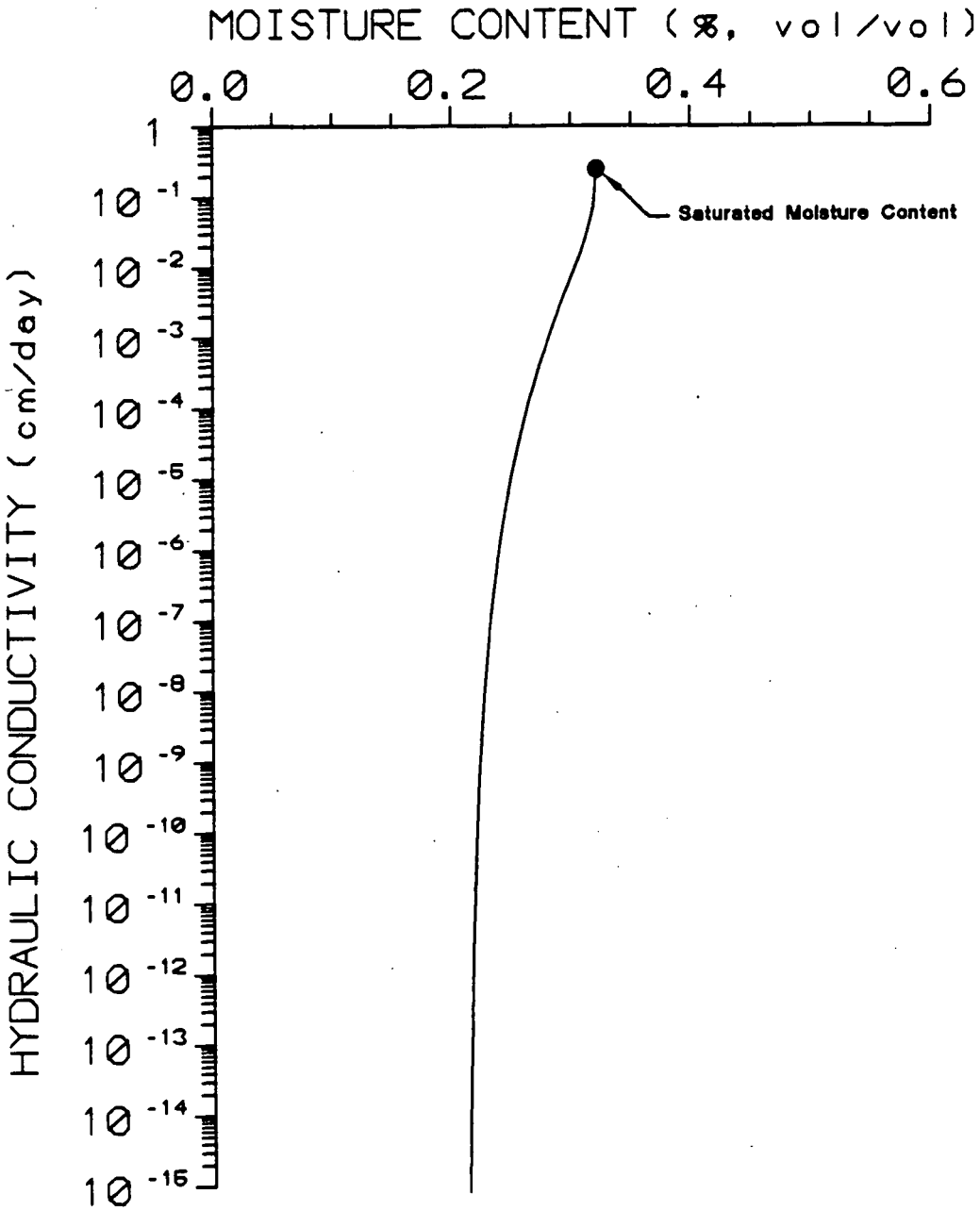
GOLDEN, COLORADO

Figure II.S-1

OU4 Phase I RFI/RI
Sample BH40396AE, Borehole 40593
Depth Interval 3.2 - 3.9 Feet
Pressure Head
versus Moisture Content



Calculated

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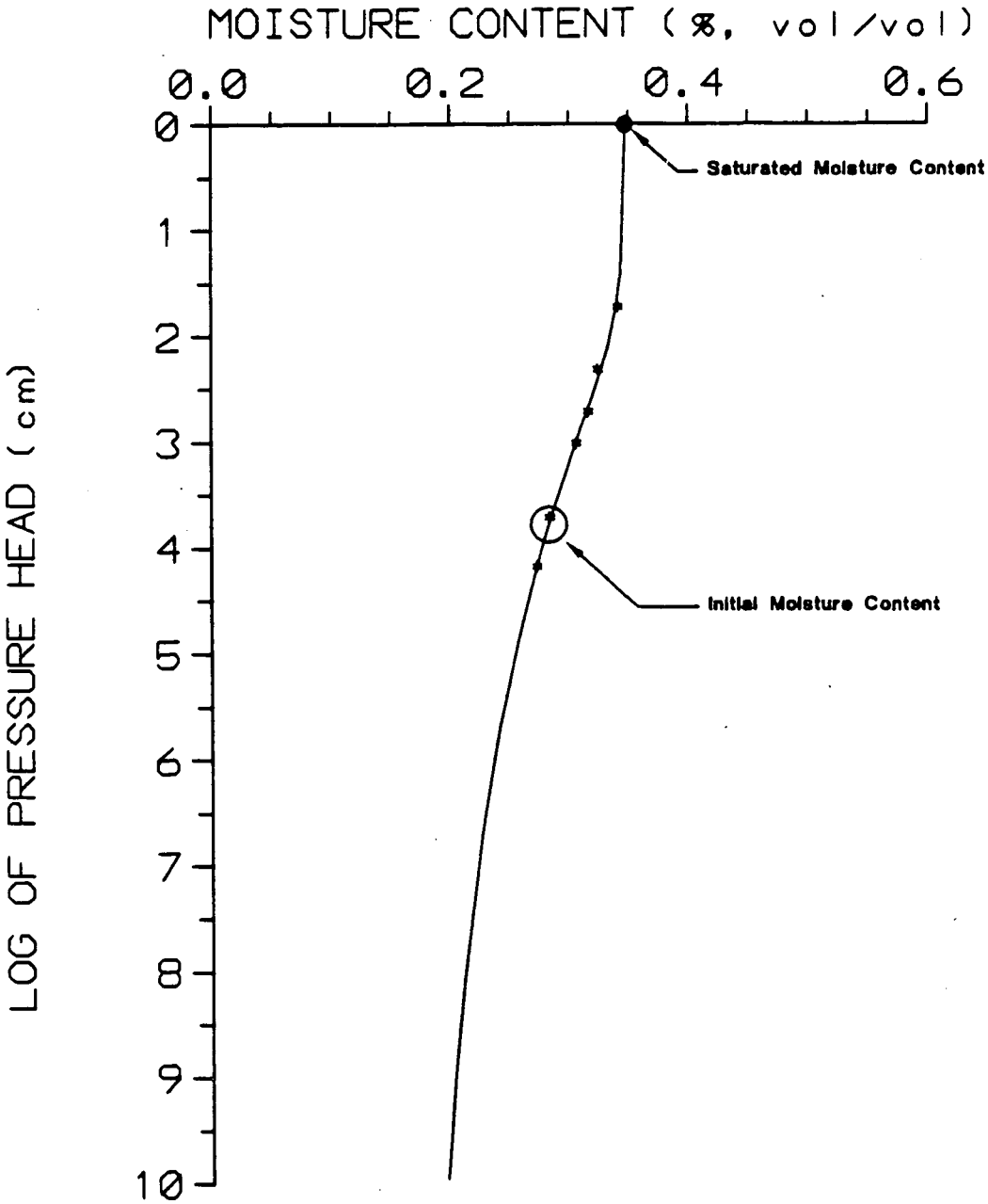
Figure II.S-2

OU4 Phase I RFI/RI
Sample BH40396AE, Borehole 40593
Depth Interval 3.2 - 3.9 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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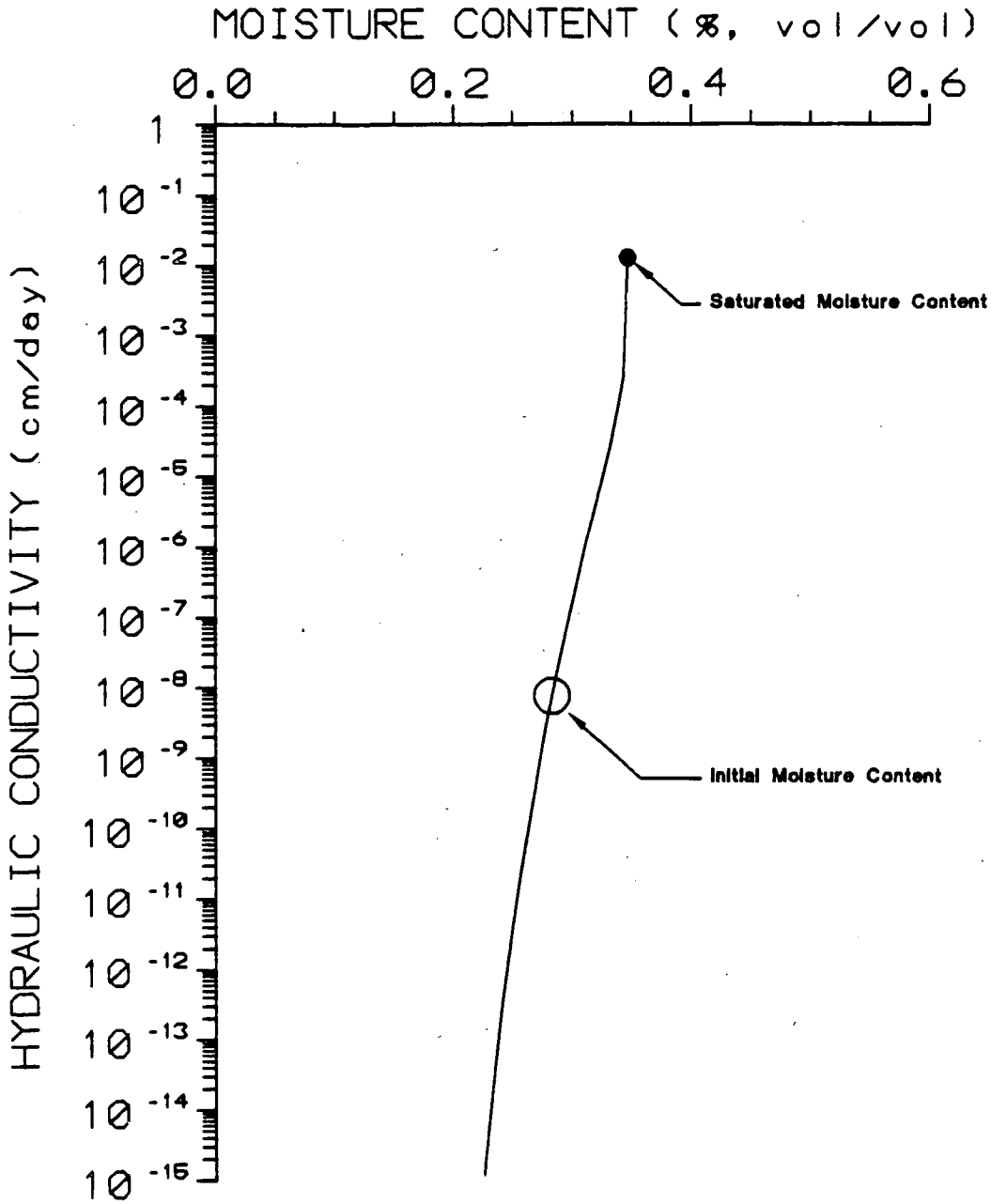
Figure II.S-3

OU4 Phase I RFI/RI
Sample BH40397AE, Borehole 40593
Depth Interval 10.0-10.7 Feet
Pressure Head
versus Moisture Content



Calculated

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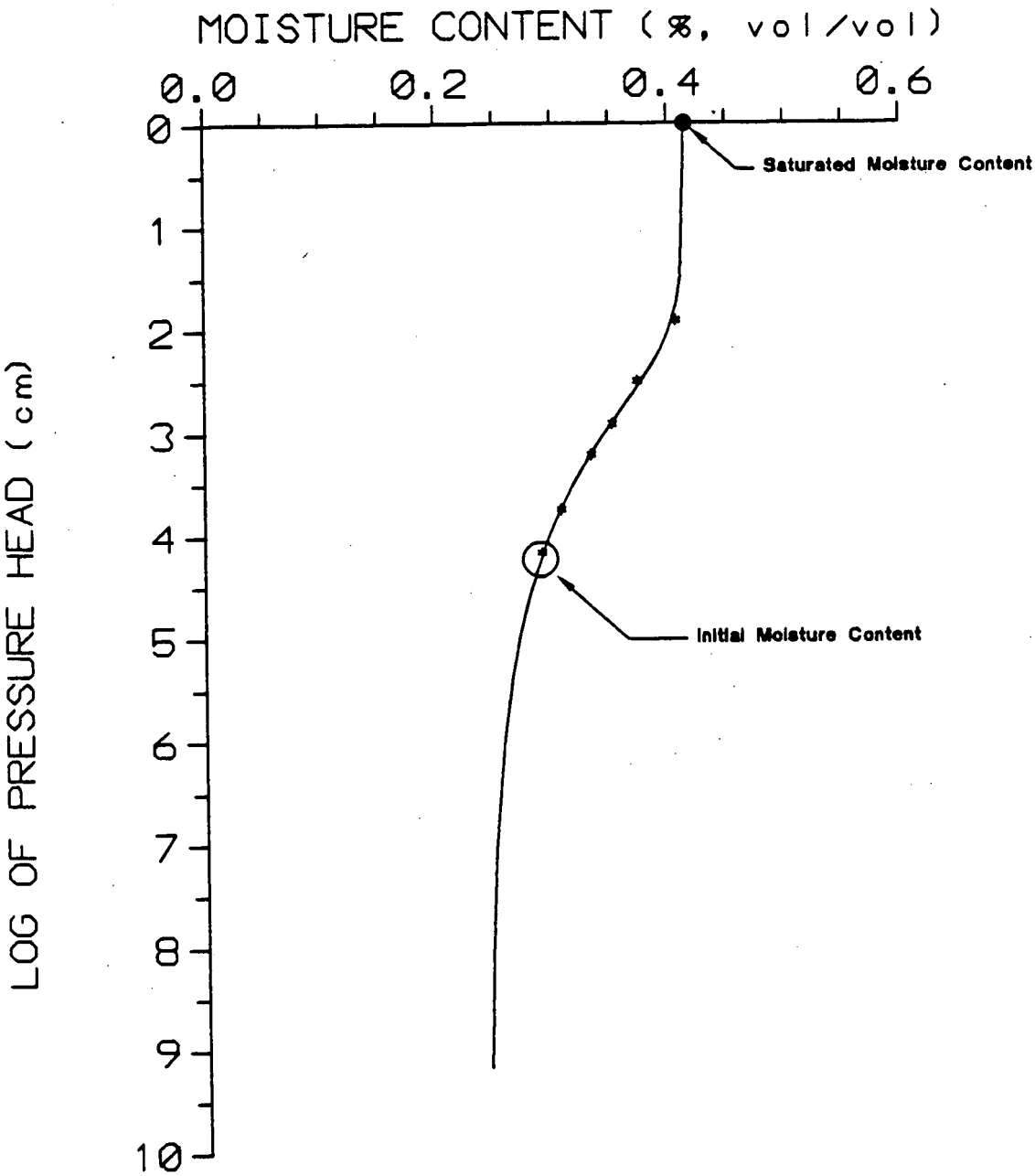
Figure II.S-4

OU4 Phase I RFI/RI
Sample BH40397AE, Borehole 40593
Depth Interval 10.0-10.7 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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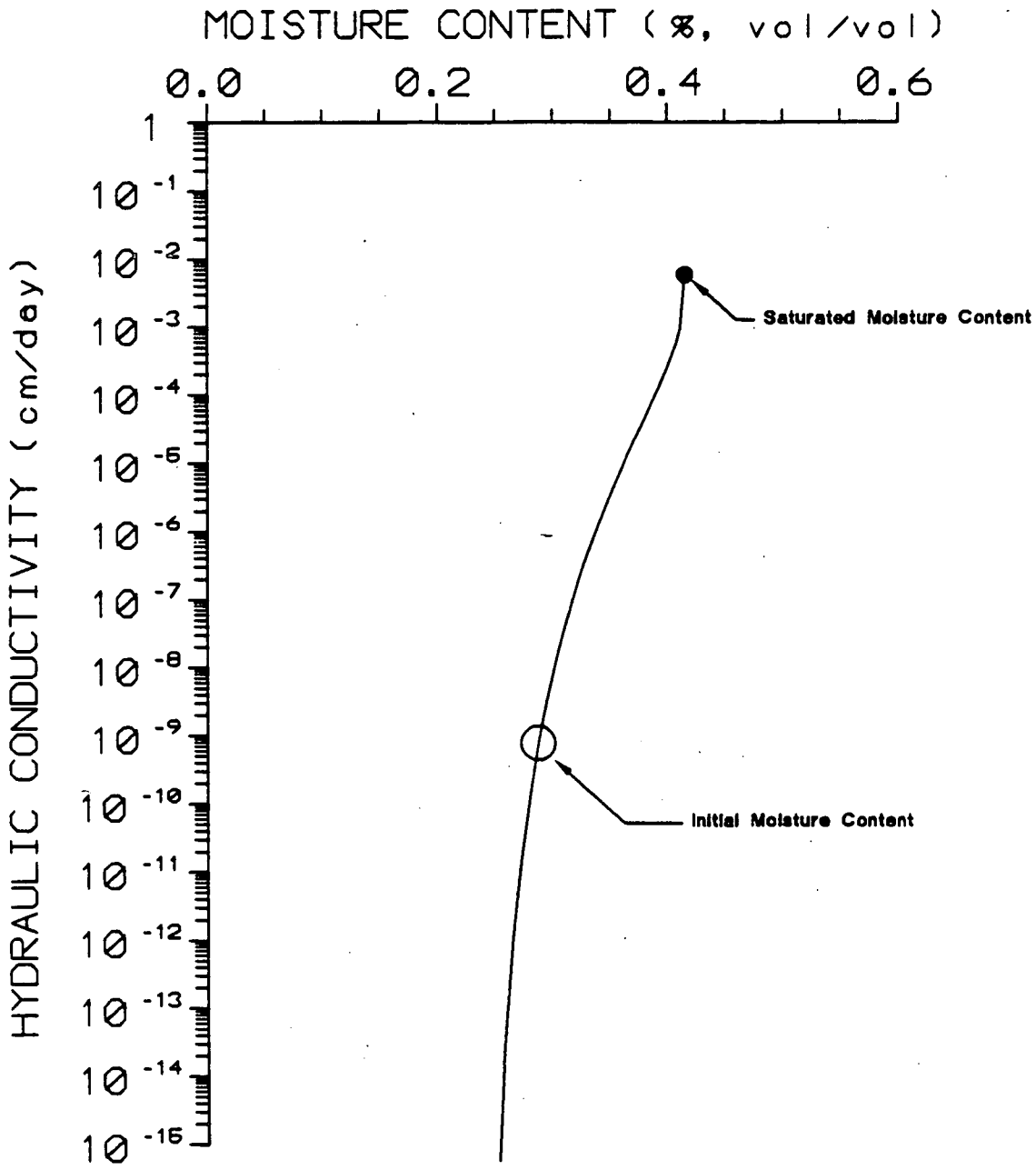
Figure II.S-5

OU4 Phase I RFI/RI
Sample BH40398AE, Borehole 40593
Depth Interval 15.3-16.0 Feet
Pressure Head
versus Moisture Content



Calculated

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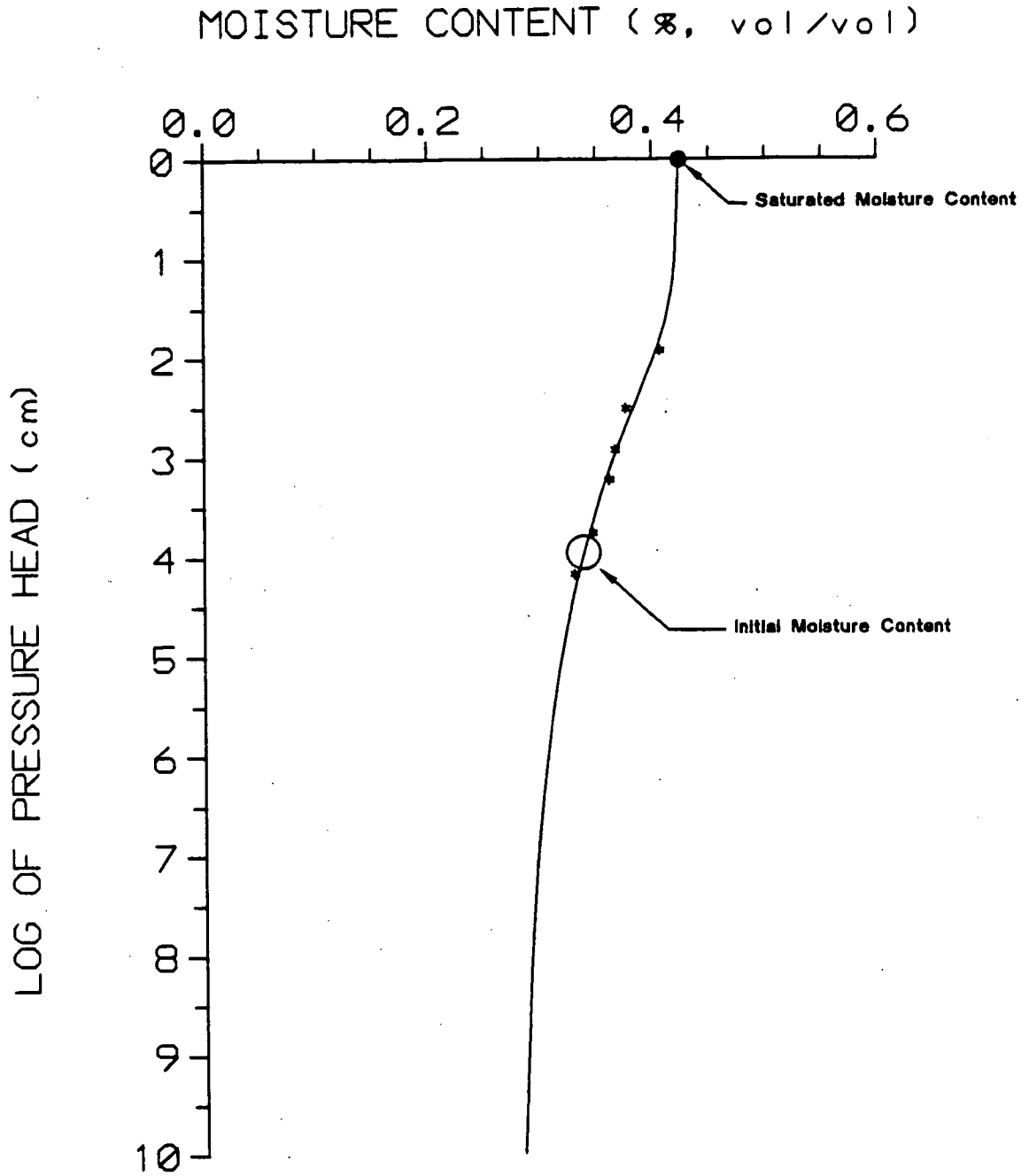
GOLDEN, COLORADO

Figure II.S-6

OU4 Phase I RFI/RI
Sample BH40398AE, Borehole 40593
Depth Interval 15.3-16.0 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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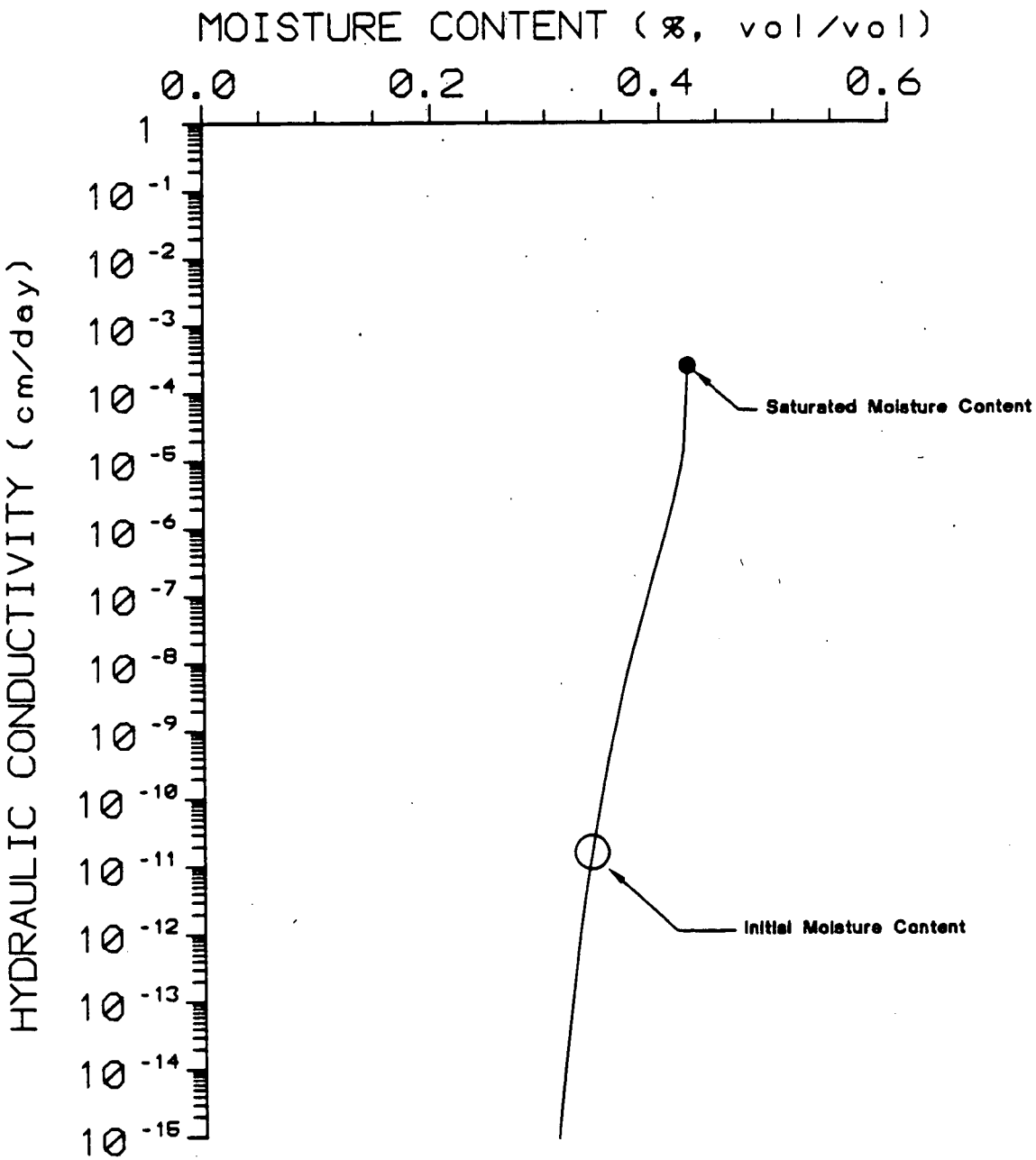
GOLDEN, COLORADO

Figure II.S-7

OU4 Phase I RFI/RI
Sample BH40401AE, Borehole 40593
Depth Interval 20.3-21.0 Feet
Pressure Head
versus Moisture Content



Calculated

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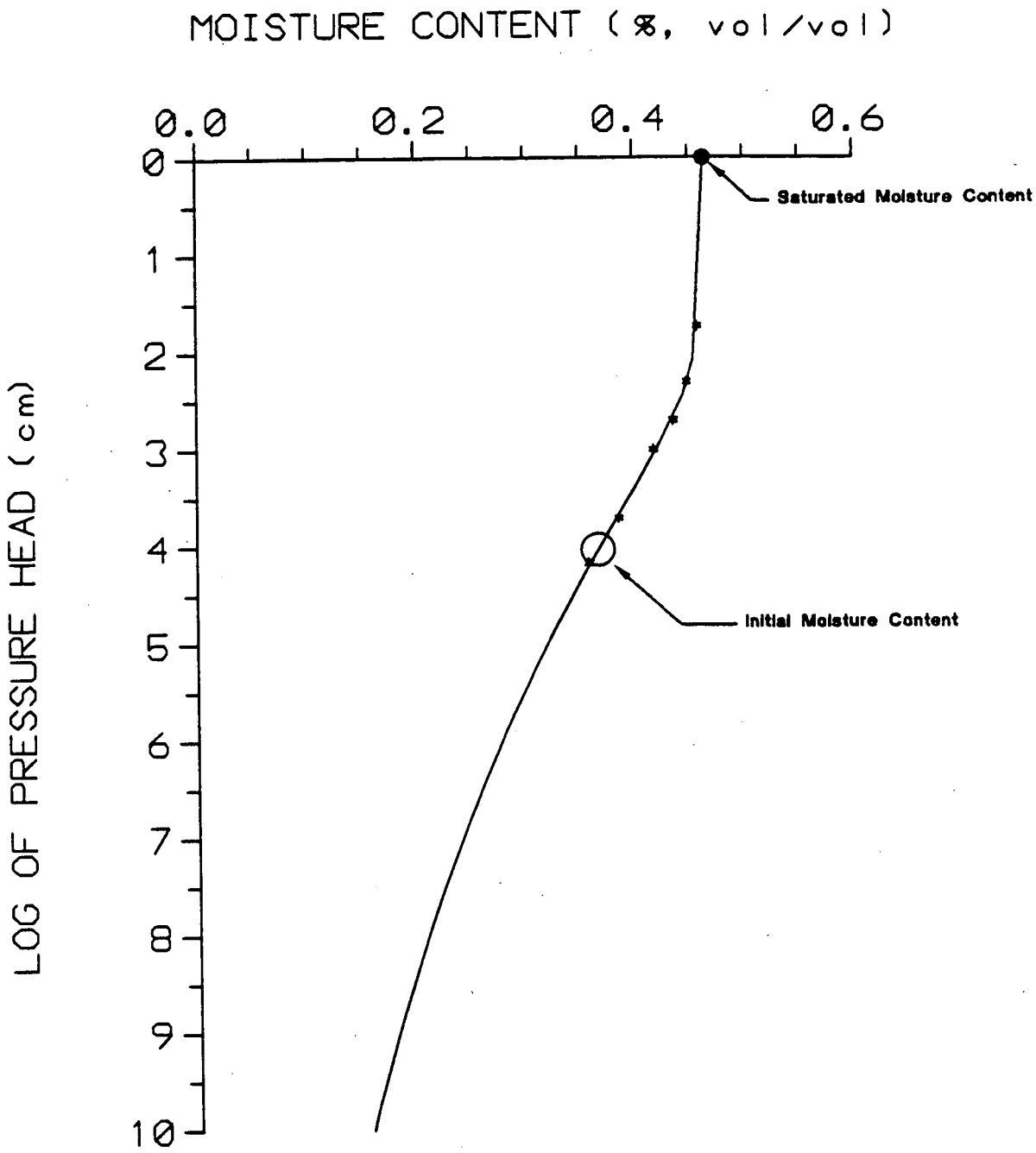
GOLDEN, COLORADO

Figure II.S-8

OU4 Phase I RFI/RI
Sample BH40401AE, Borehole 40593
Depth Interval 20.3-21.0 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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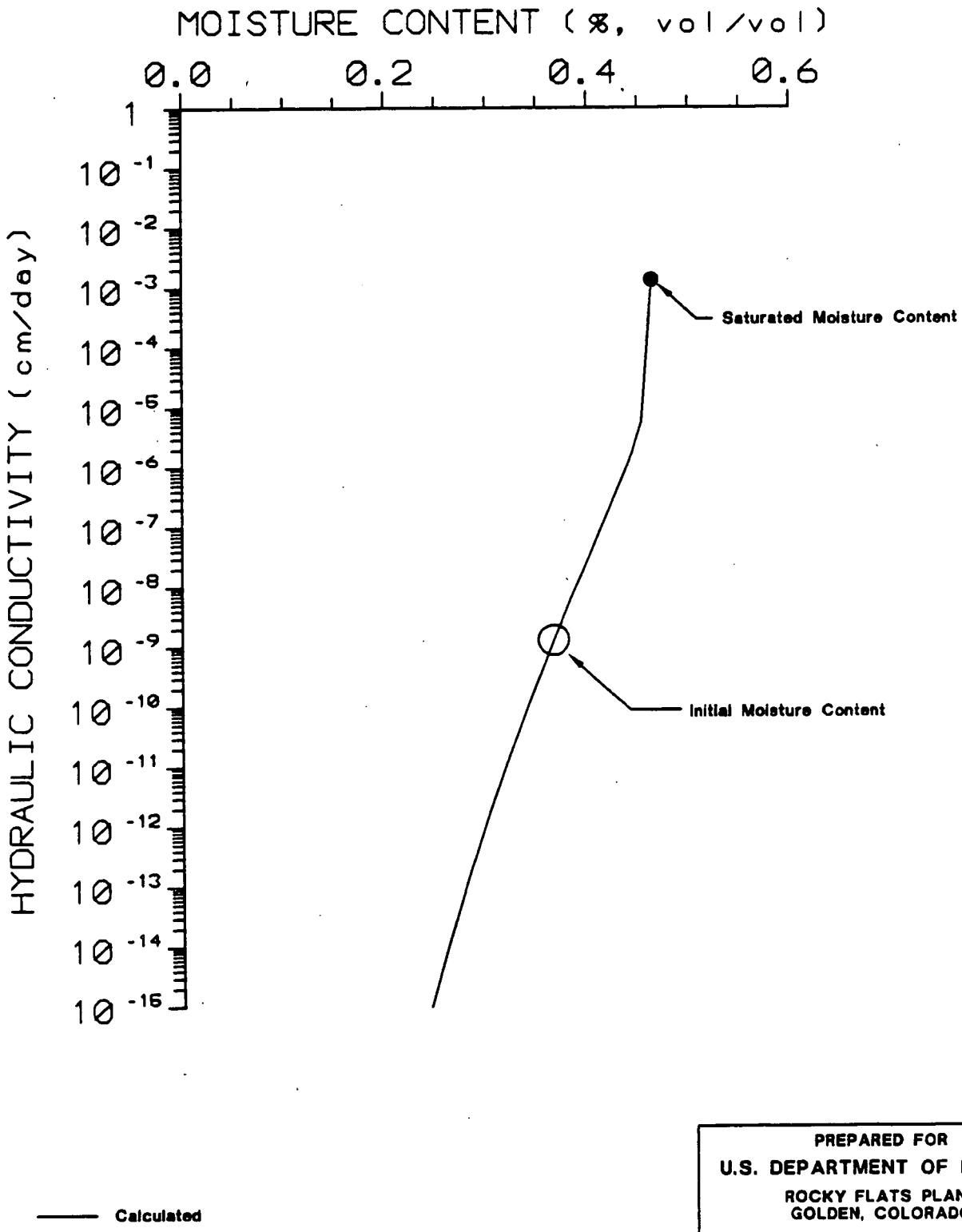
Figure II.S-9

OU4 Phase I RFI/RI
Sample BH40402AE, Borehole 40593
Depth Interval 25.3-26.0 Feet
Pressure Head
versus Moisture Content



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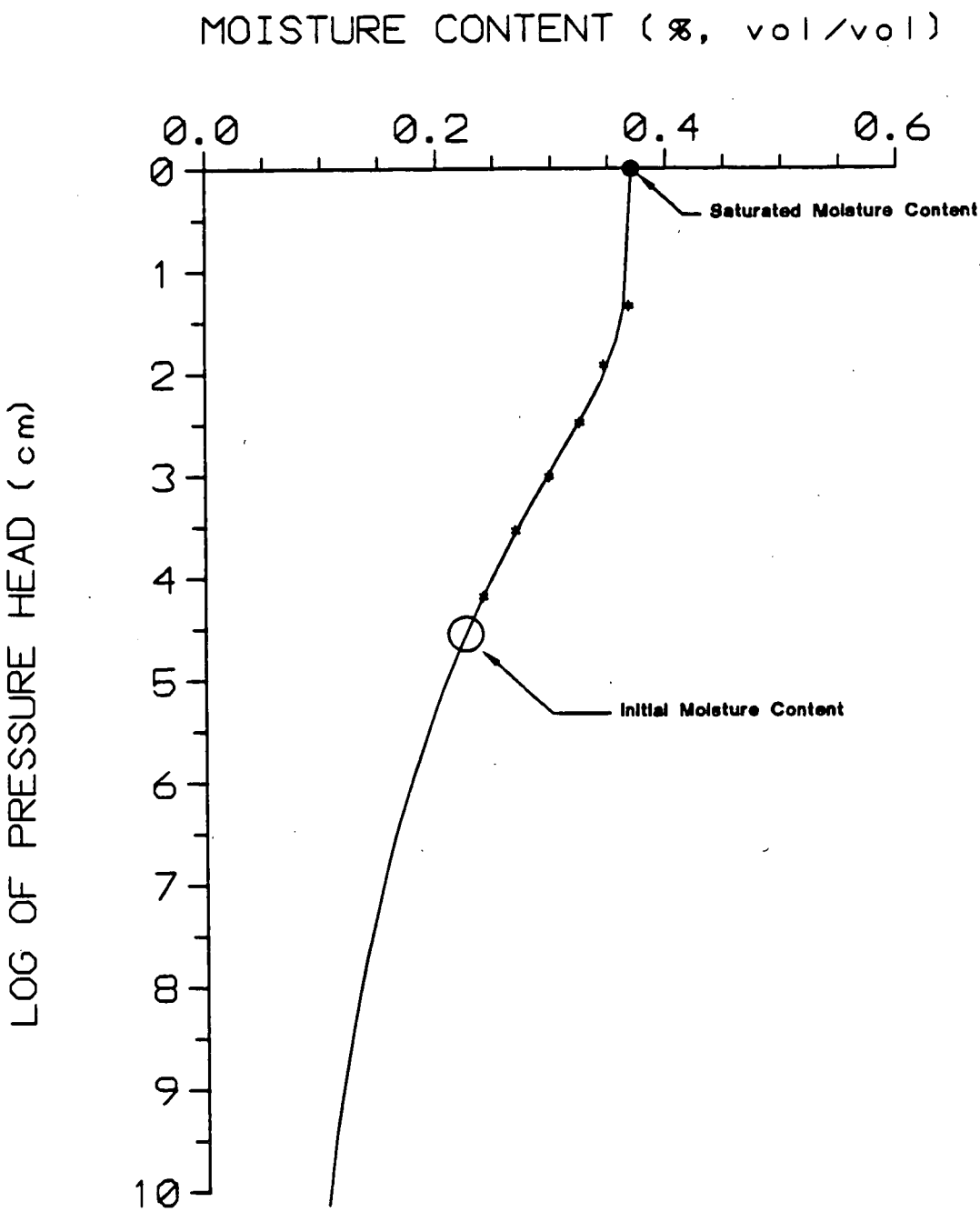
GOLDEN, COLORADO

Figure II.S-10

OU4 Phase I RFI/RI
Sample BH40402AE, Borehole 40593
Depth Interval 25.3-26.0 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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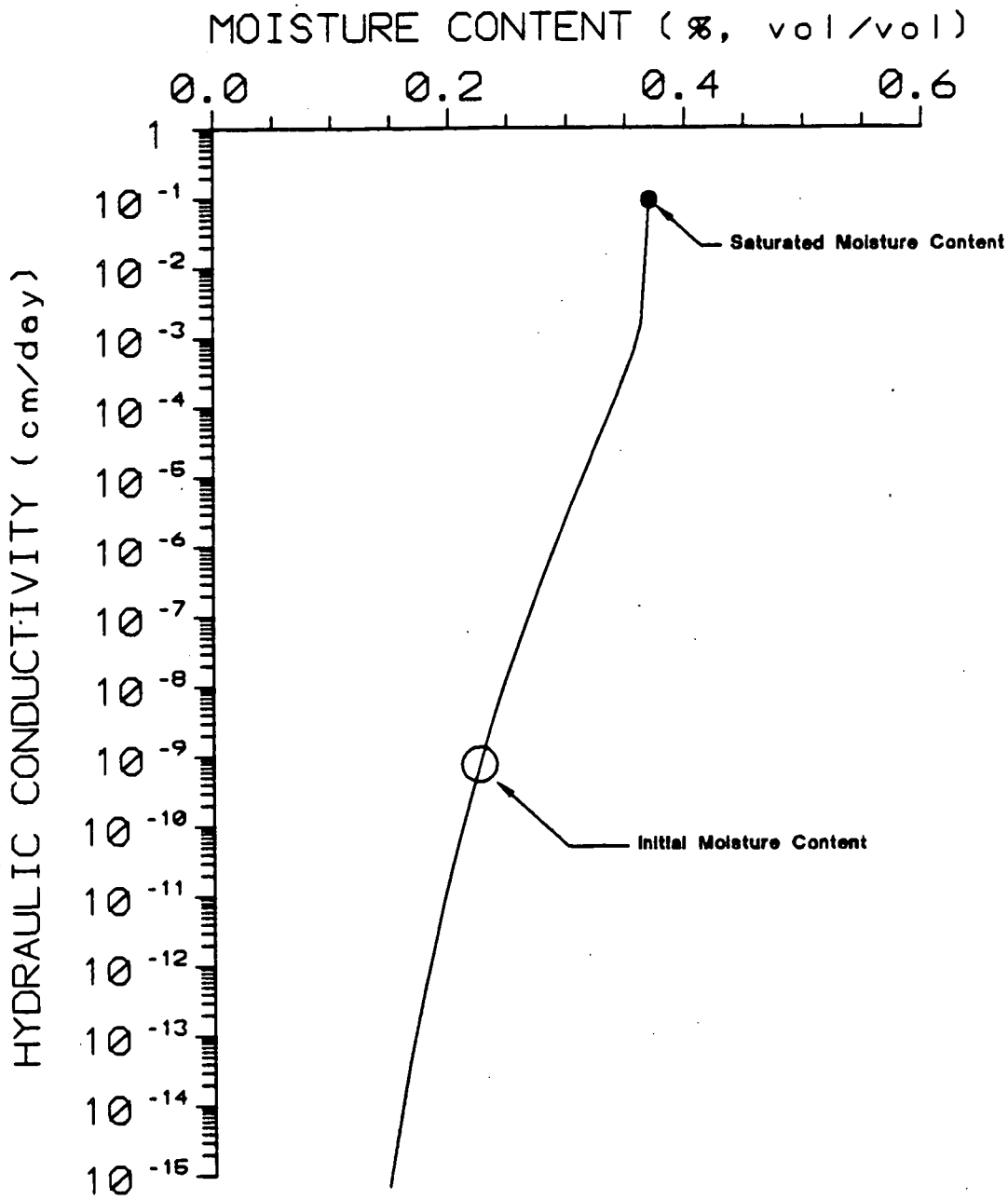
Figure II.S-11

OU4 Phase I RFI/RI
Sample BH40403AE, Borehole 40393
Depth Interval 3.3-4.0 Feet
Pressure Head
versus Moisture Content



Calculated

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Figure II.S-12

OU4 Phase I RFI/RI
Sample BH40403AE, Borehole 40393
Depth Interval 3.3-4.0 Feet
Hydraulic Conductivity
versus Moisture Content

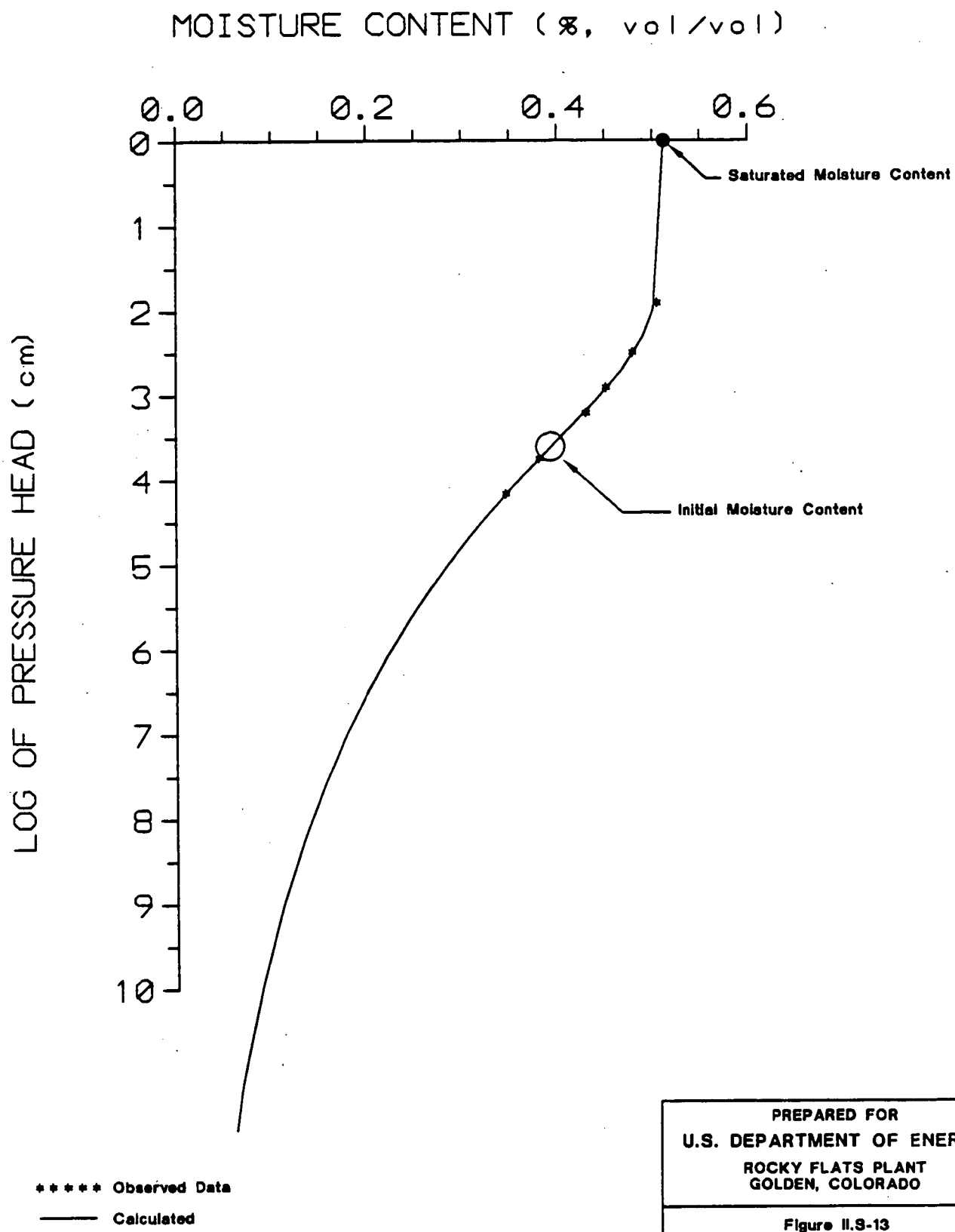

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Figure II.S-13

OU4 Phase I RFI/RI
Sample BH40404AE, Borehole 40393
Depth Interval 10.3-11.0 Feet
Pressure Head
versus Moisture Content

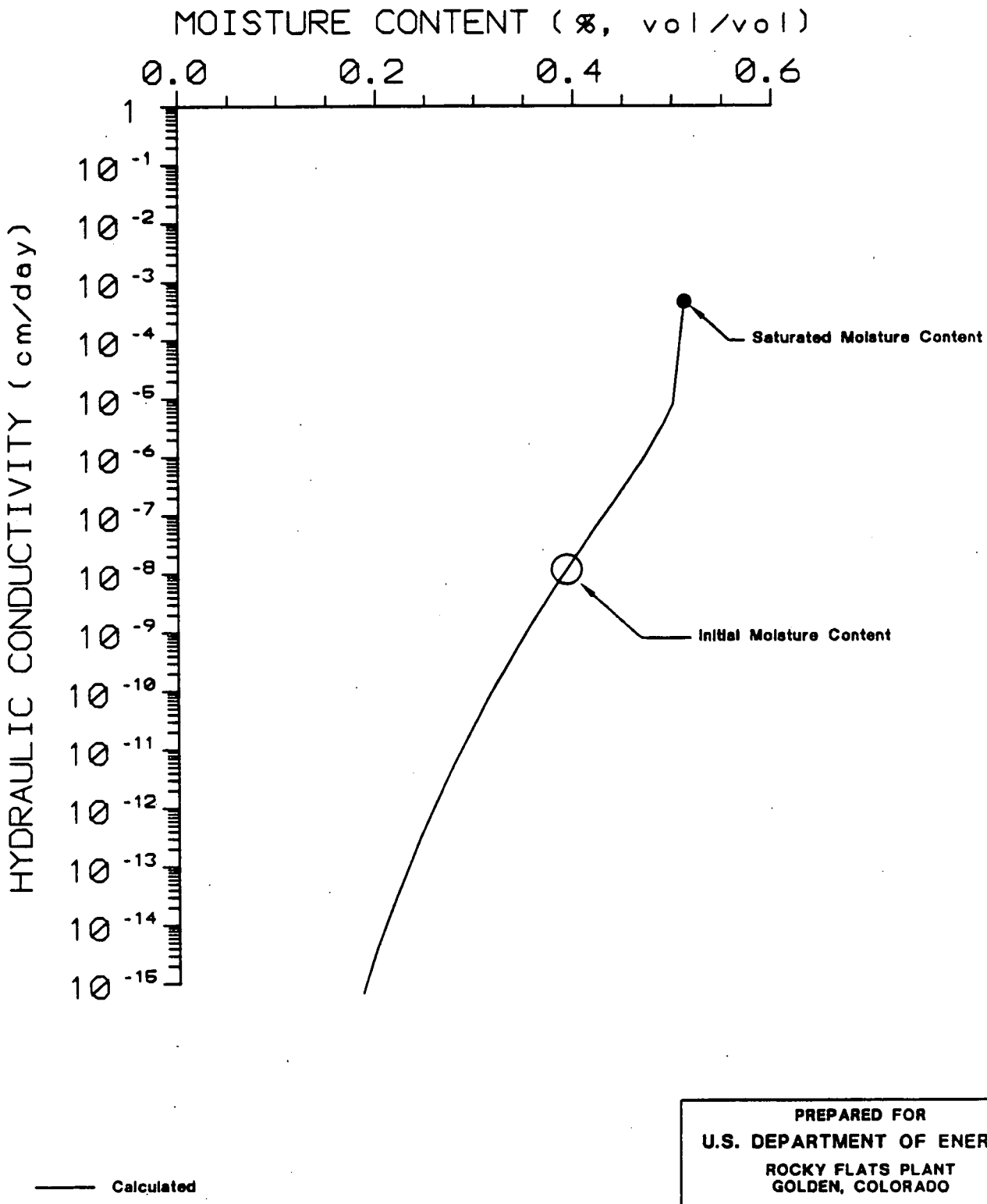

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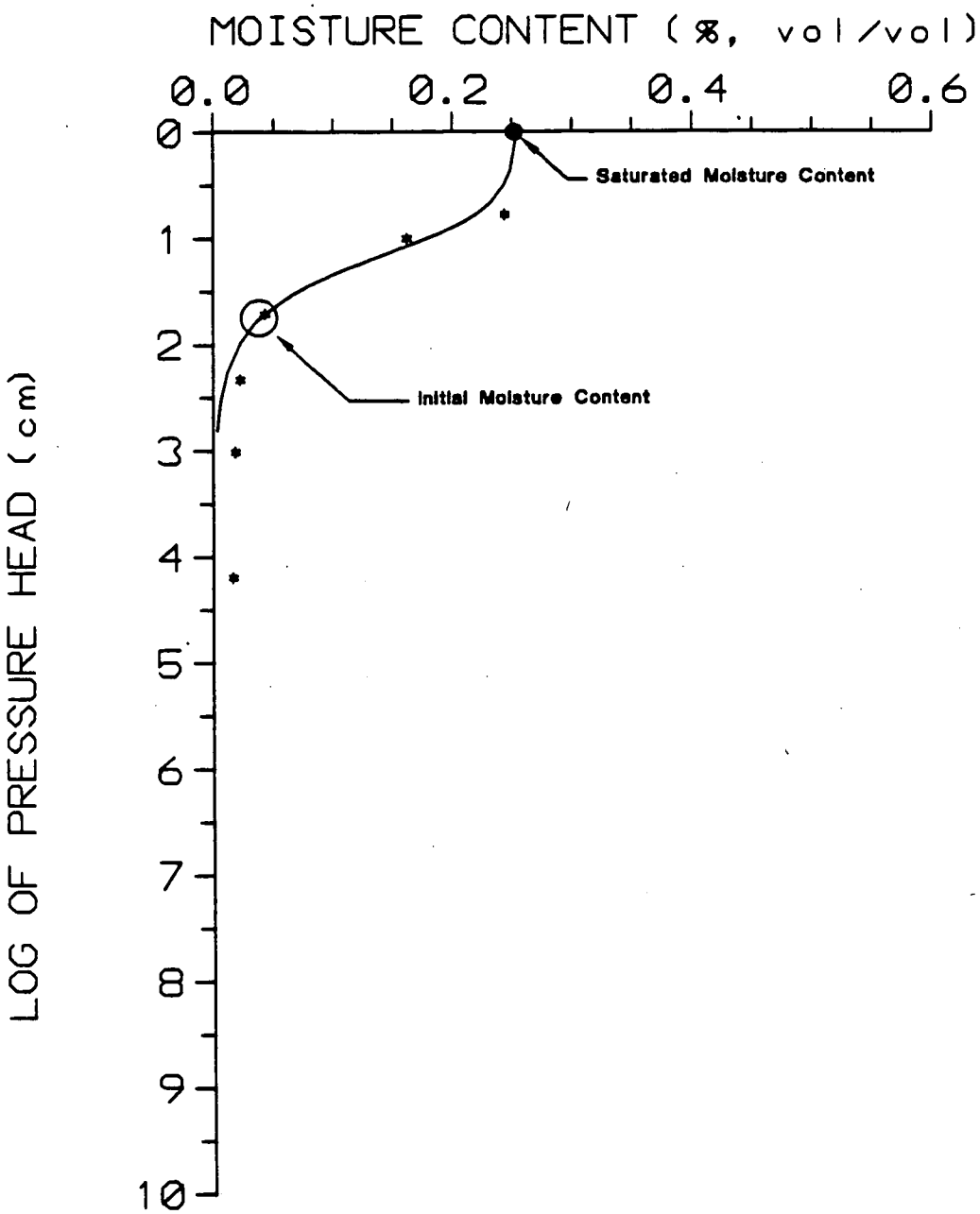
Figure II.S-14

OU4 Phase I RFI/RI
Sample BH40404AE, Borehole 40393
Depth Interval 10.3-11.0 Feet
Hydraulic Conductivity
versus Moisture Content



●●●** Observed Data

——— Calculated

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Figure II.S-15

OU4 Phase I RFI/RI
Sample BH40405AE, Borehole 44393
Depth Interval 4.3-5.0 Feet
Pressure Head
versus Moisture Content

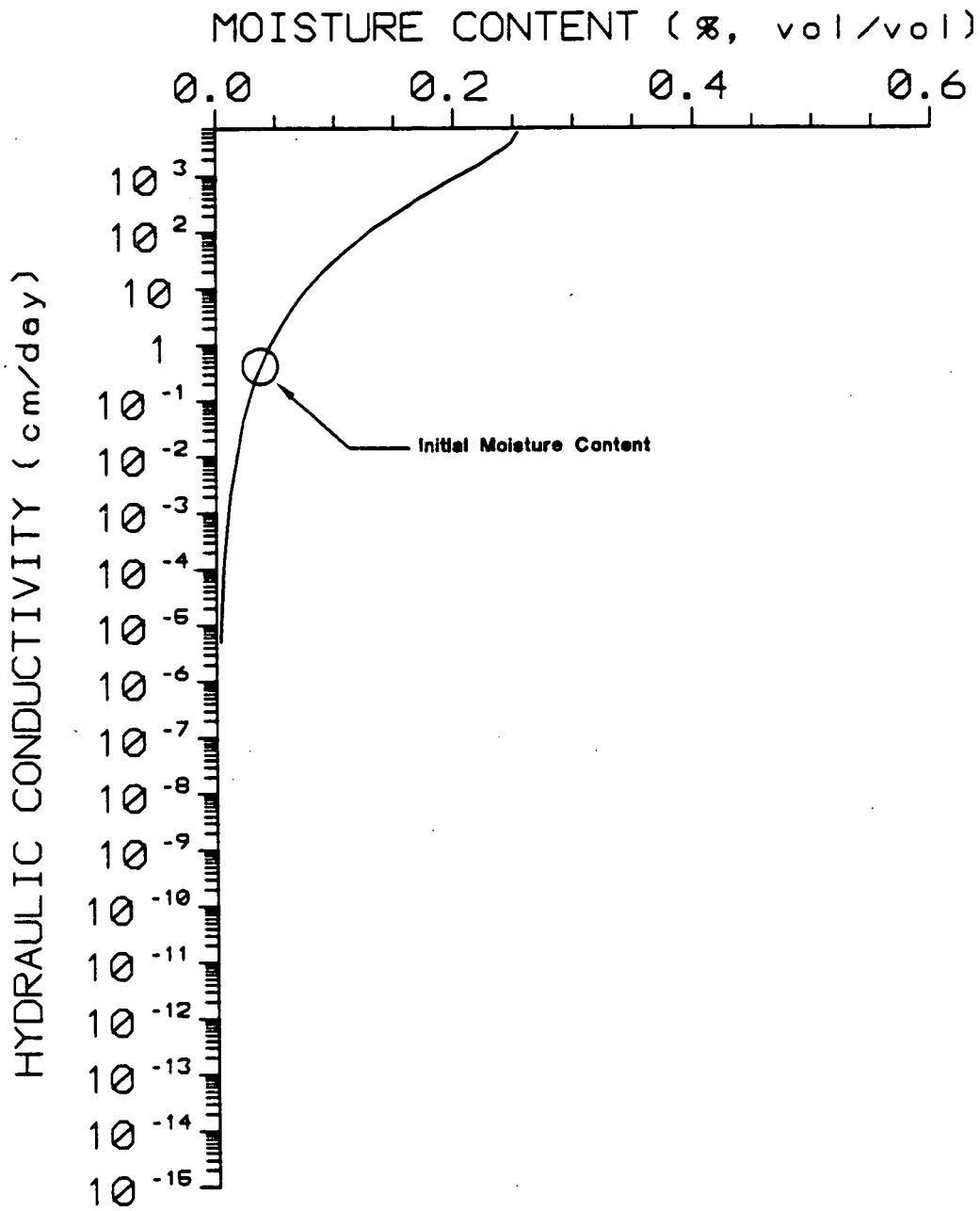

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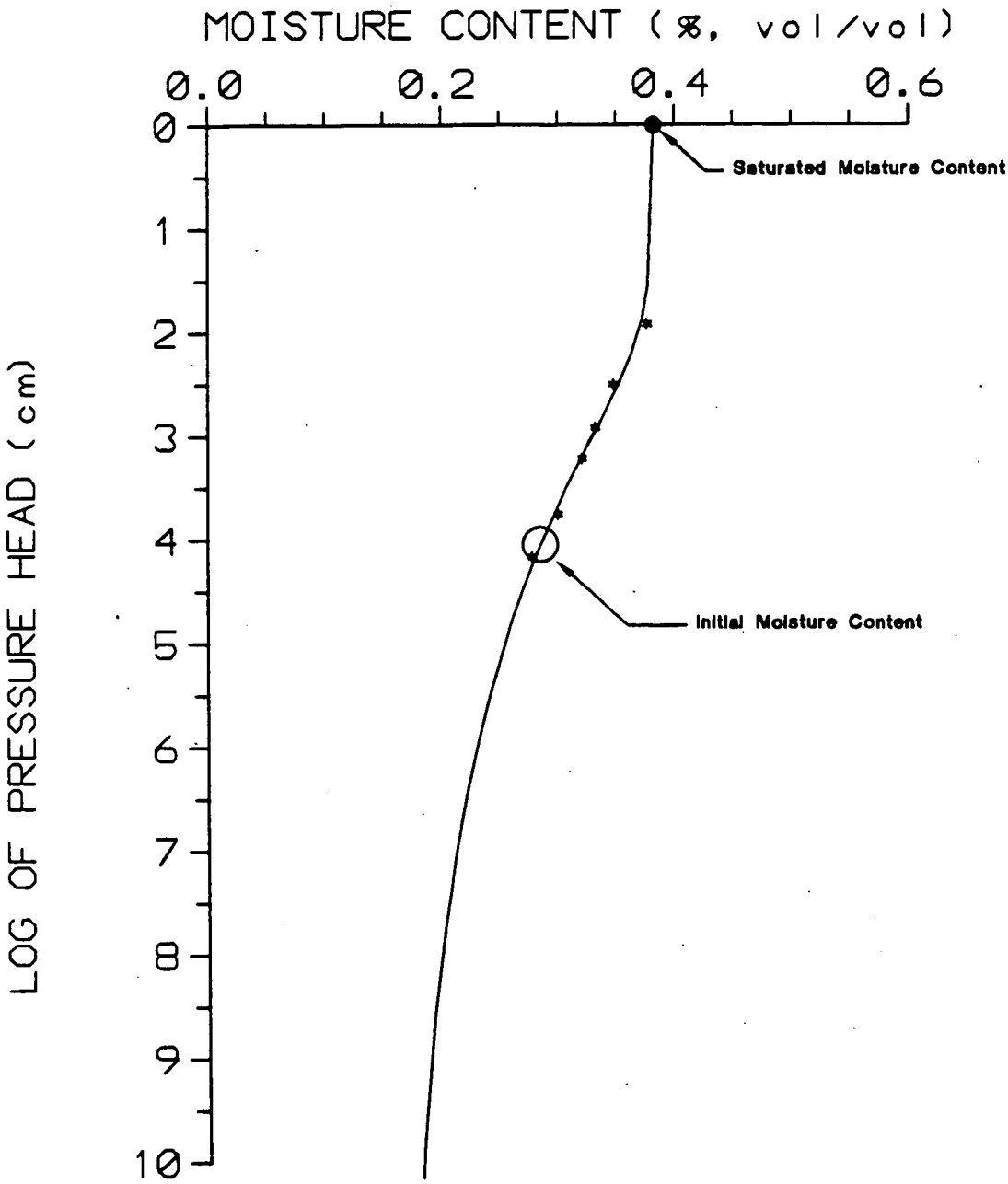
Figure II.S-16

OU4 Phase I RFI/RI
Sample BH40405AE, Borehole 44393
Depth Interval 4.3-5.0 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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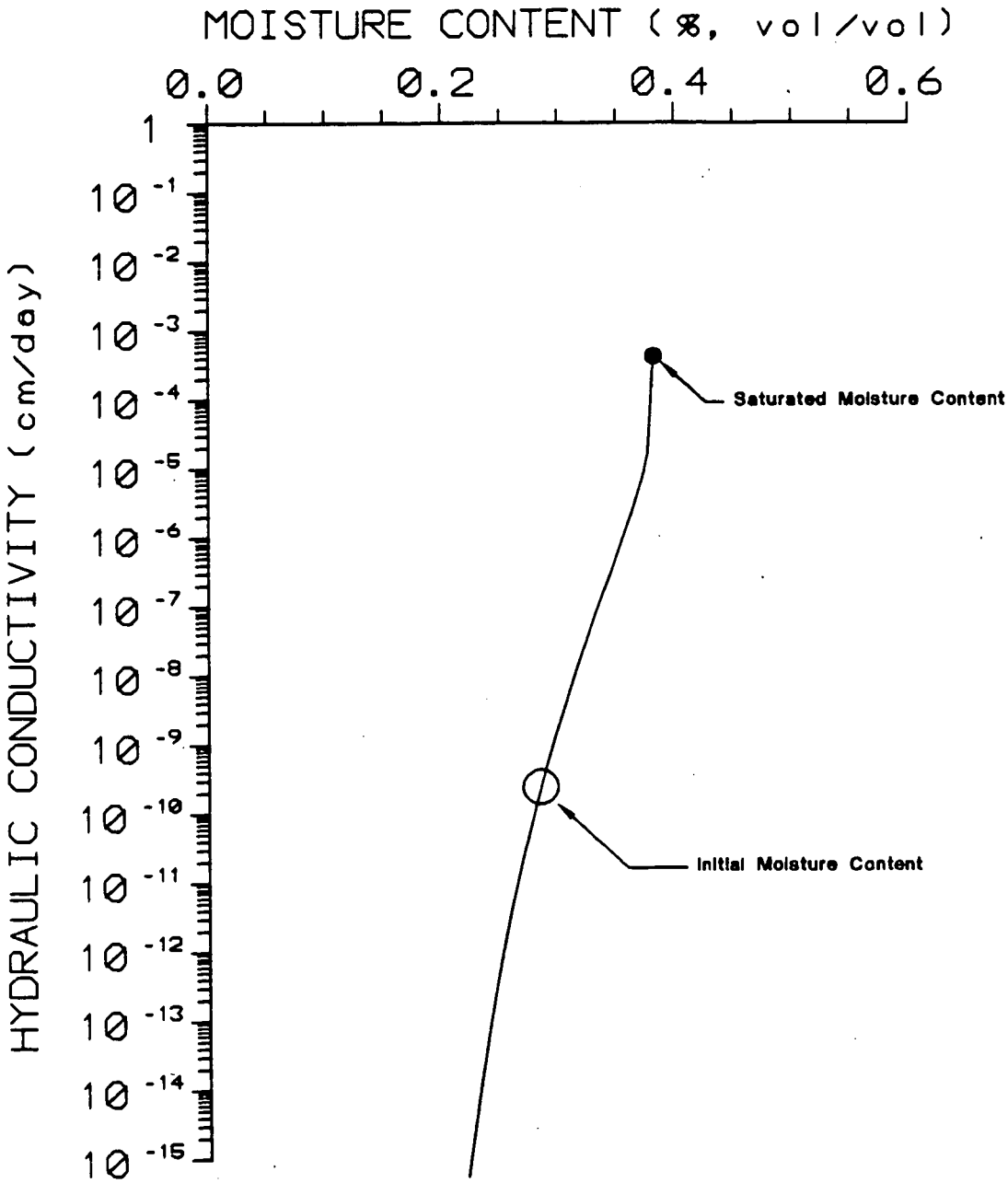
Figure II.S-17

OU4 Phase I RFI/RI
Sample BH40406AE, Borehole 44393
Depth Interval 12.0 - 12.7 Feet
Pressure Head
versus Moisture Content



Calculated

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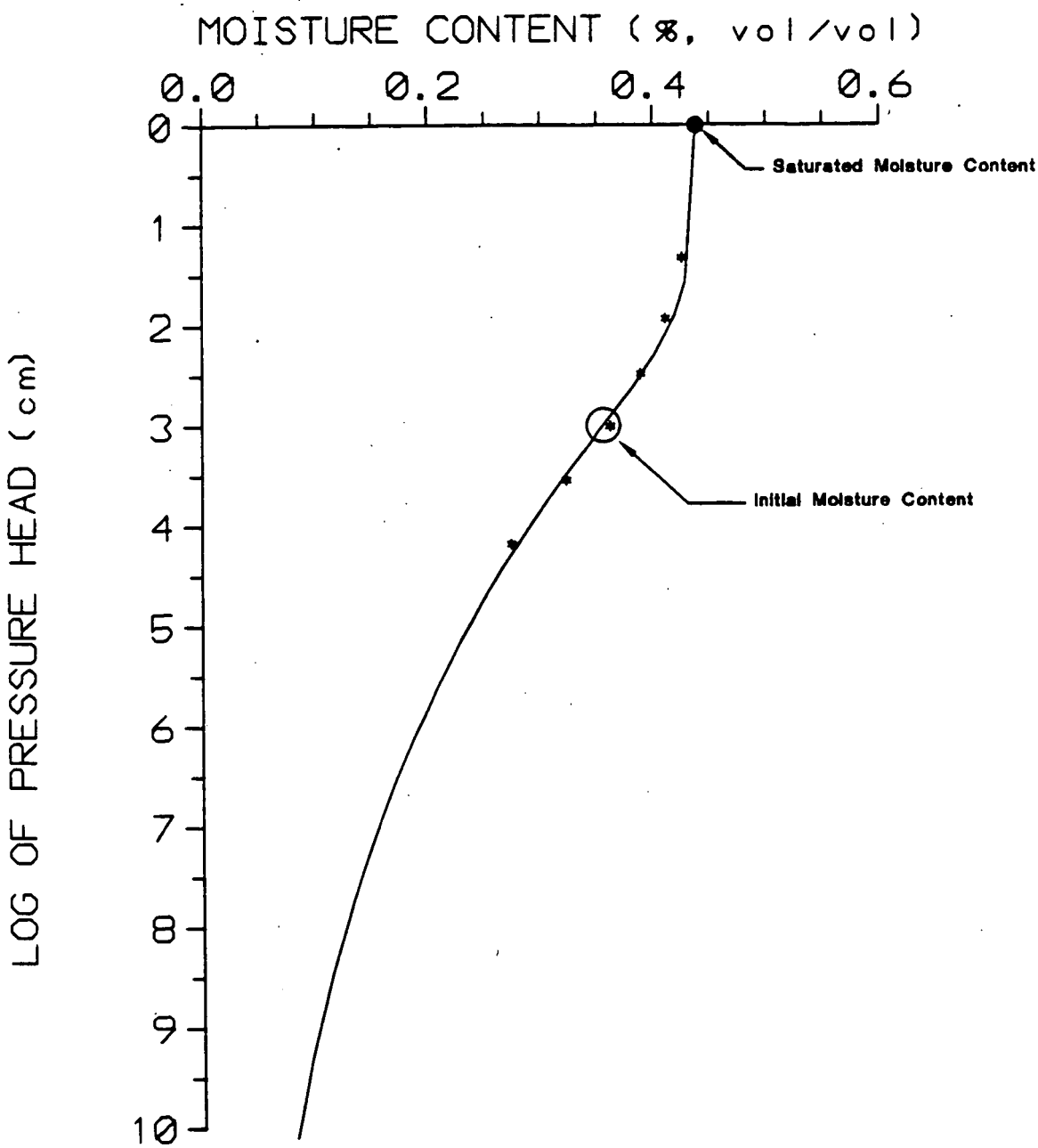
GOLDEN, COLORADO

Figure II.S-18

OU4 Phase I RFI/RI
Sample BH40406AE, Borehole 44393
Depth Interval 12.0 - 12.7 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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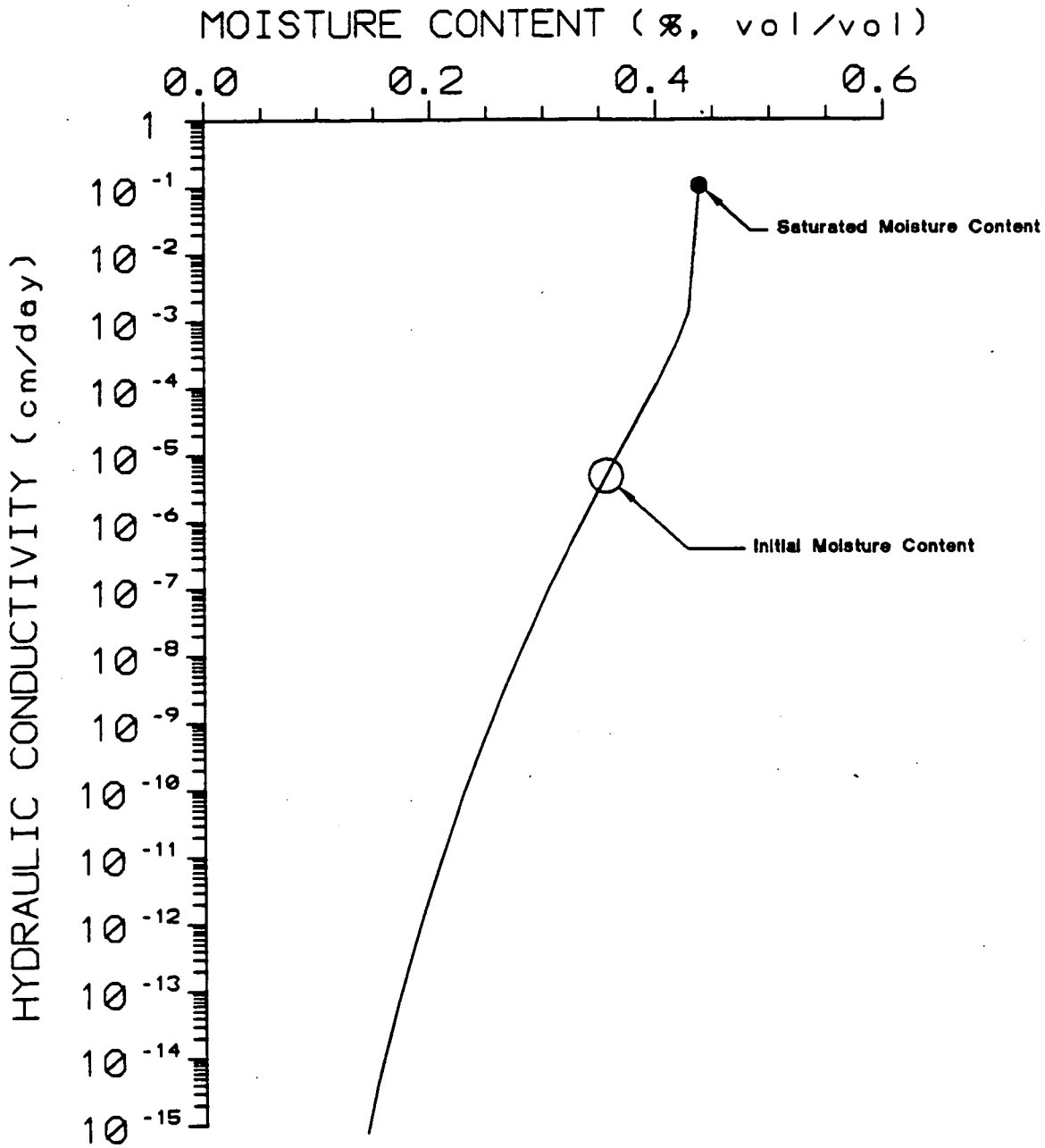
GOLDEN, COLORADO

Figure II.S-19

OU4 Phase I RFI/RI
Sample BH40407AE, Borehole 44093
Depth Interval 4.0-4.5 Feet
Pressure Head
versus Moisture Content



Calculated

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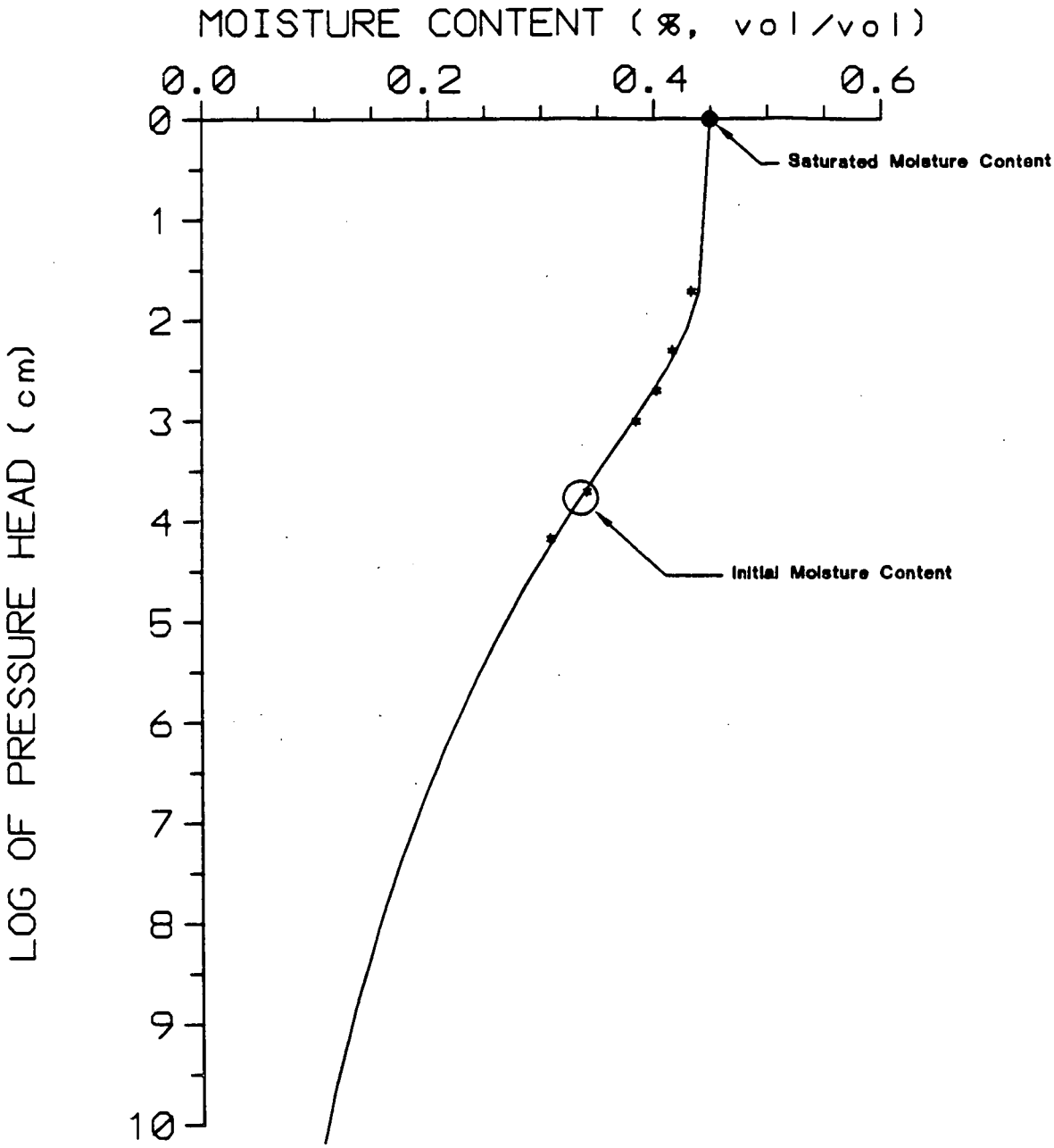
GOLDEN, COLORADO

Figure II.S-20

OU4 Phase I RFI/RI
Sample BH40407AE, Borehole 44093
Depth Interval 4.0-4.5 Feet
Hydraulic Conductivity
versus Moisture Content



●●● Observed Data

——— Calculated

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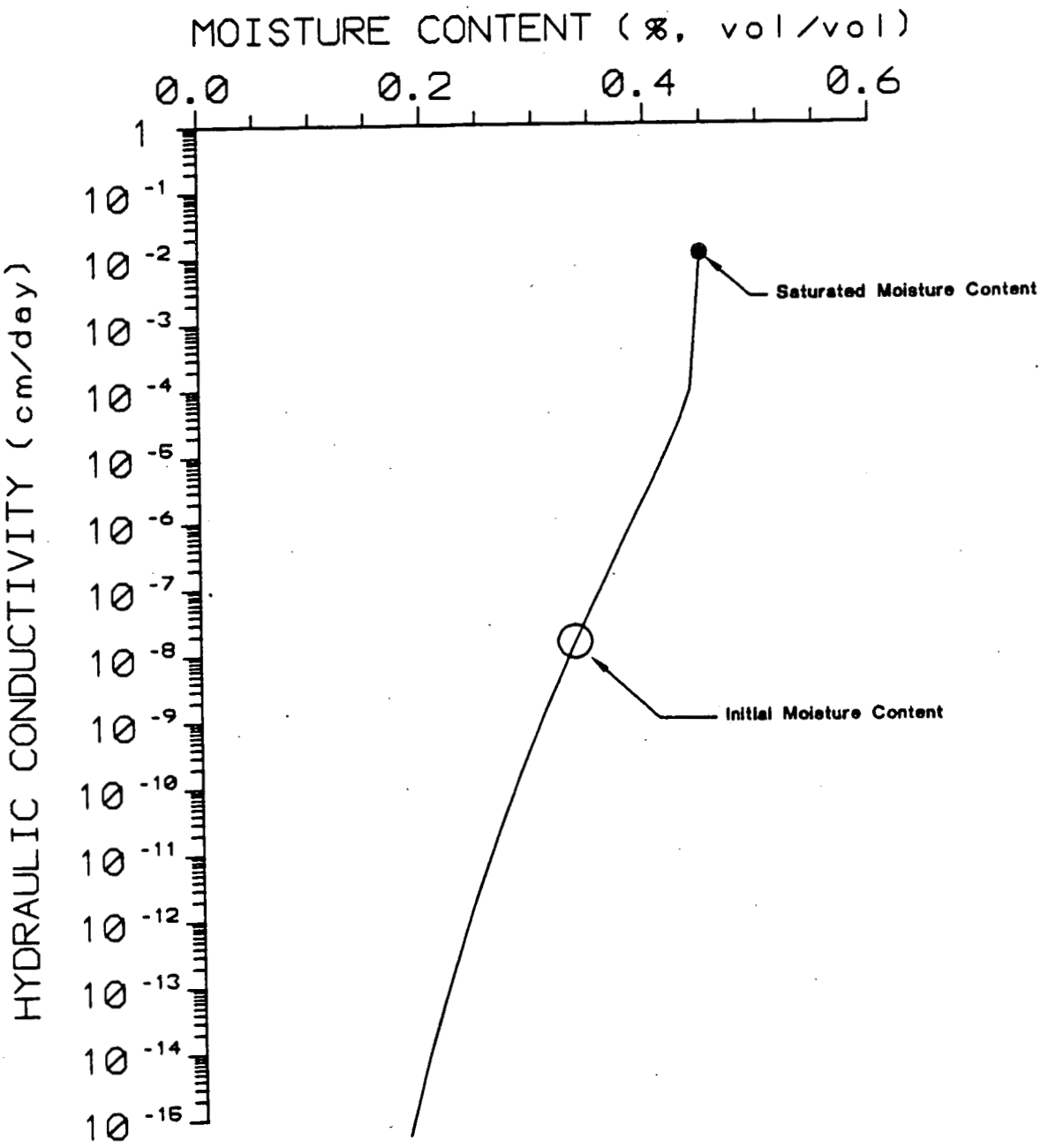
GOLDEN, COLORADO

Figure II.S-21

OU4 Phase I RFI/RI
Sample BH40408AE, Borehole 44093
Depth Interval 13.1-13.8 Feet
Pressure Head
versus Moisture Content



Calculated

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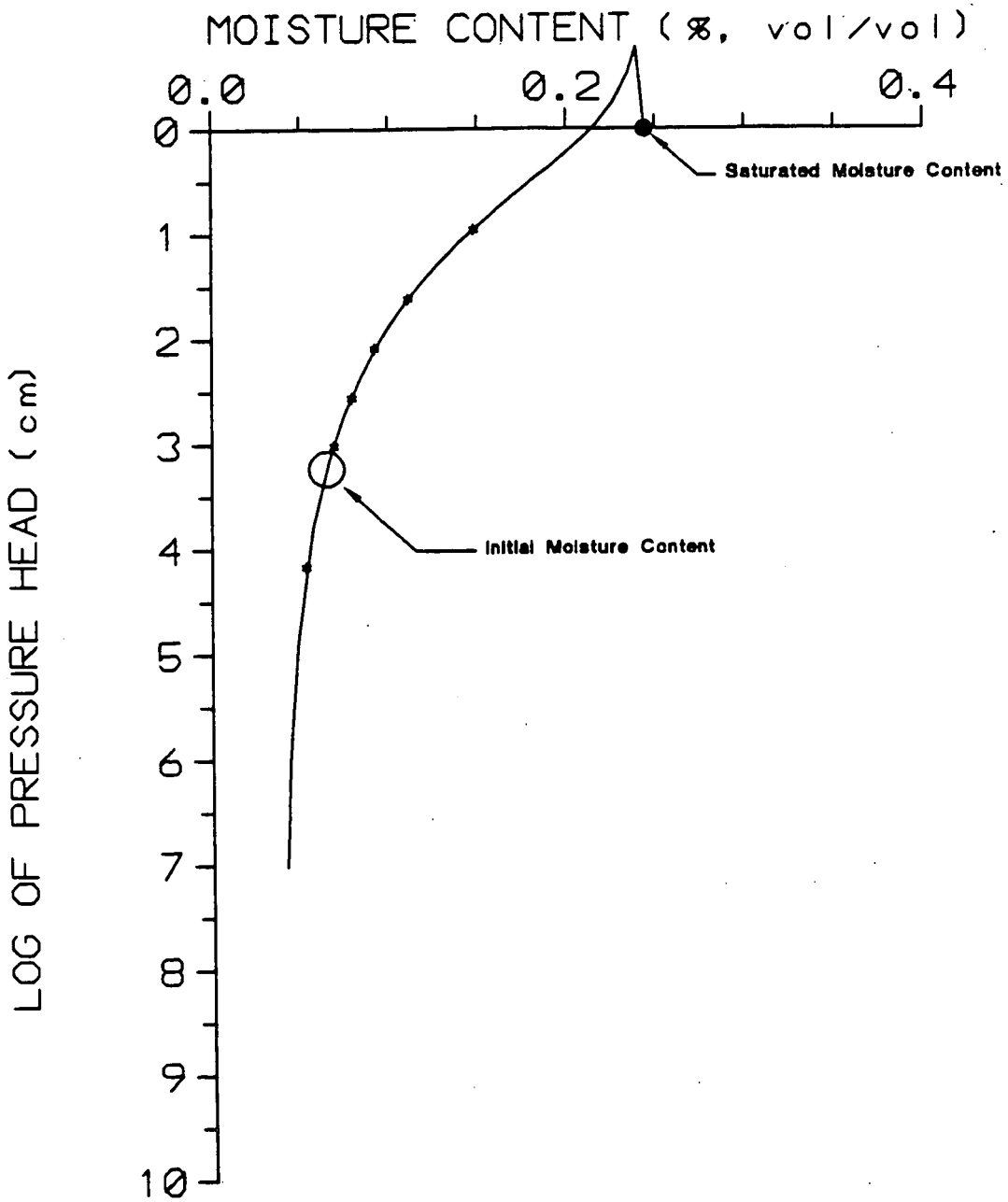
GOLDEN, COLORADO

Figure II.S-22

OU4 Phase I RFI/RI
Sample BH40408AE, Borehole 44093
Depth Interval 13.1-13.8 Feet
Hydraulic Conductivity
versus Moisture Content



● * * * ● Observed Data

——— Calculated

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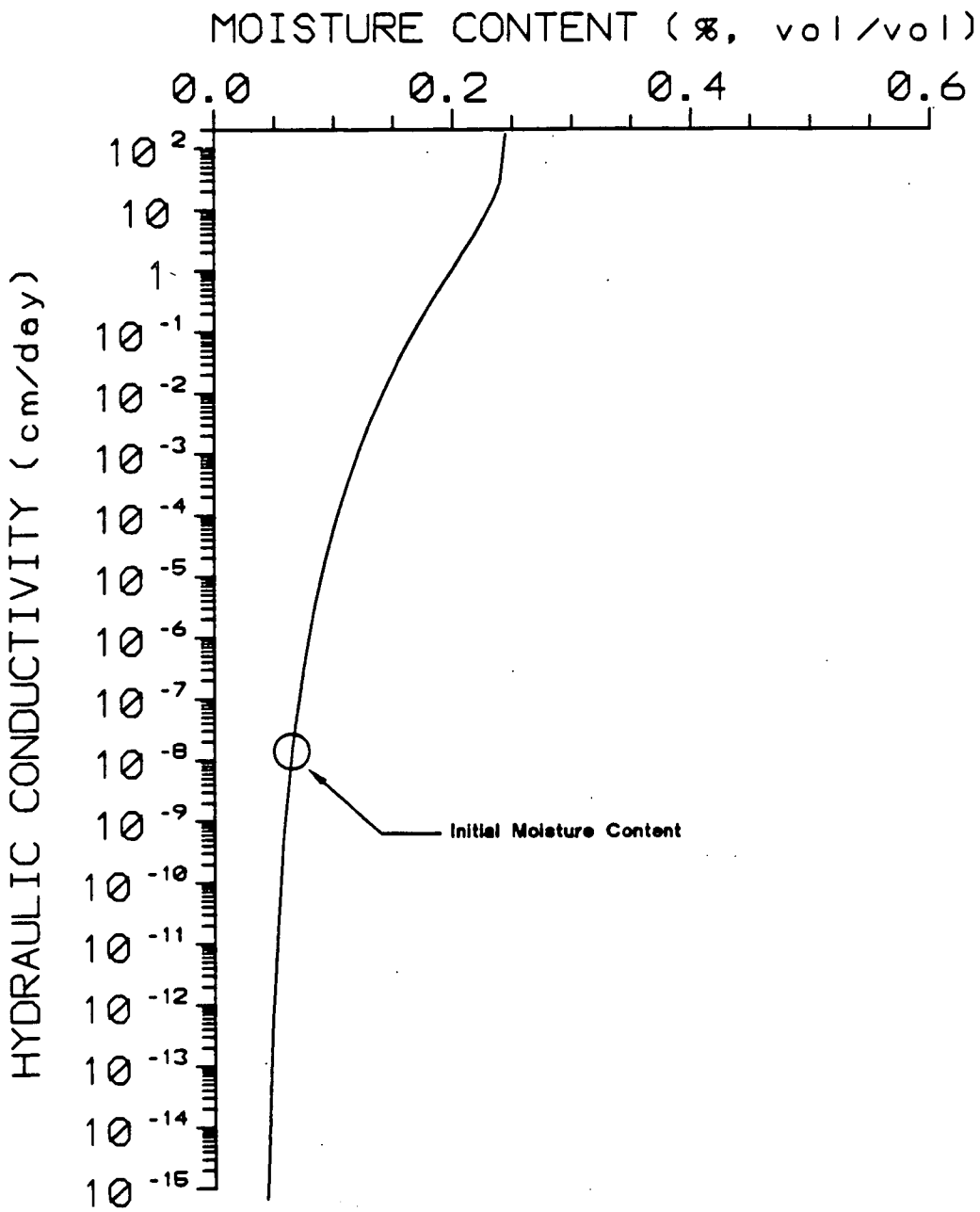
GOLDEN, COLORADO

Figure II.S-23

OU4 Phase I RFI/RI
Sample BH40600AE, Borehole 43193
Depth Interval 4.0-4.7 Feet
Pressure Head
versus Moisture Content



Calculated

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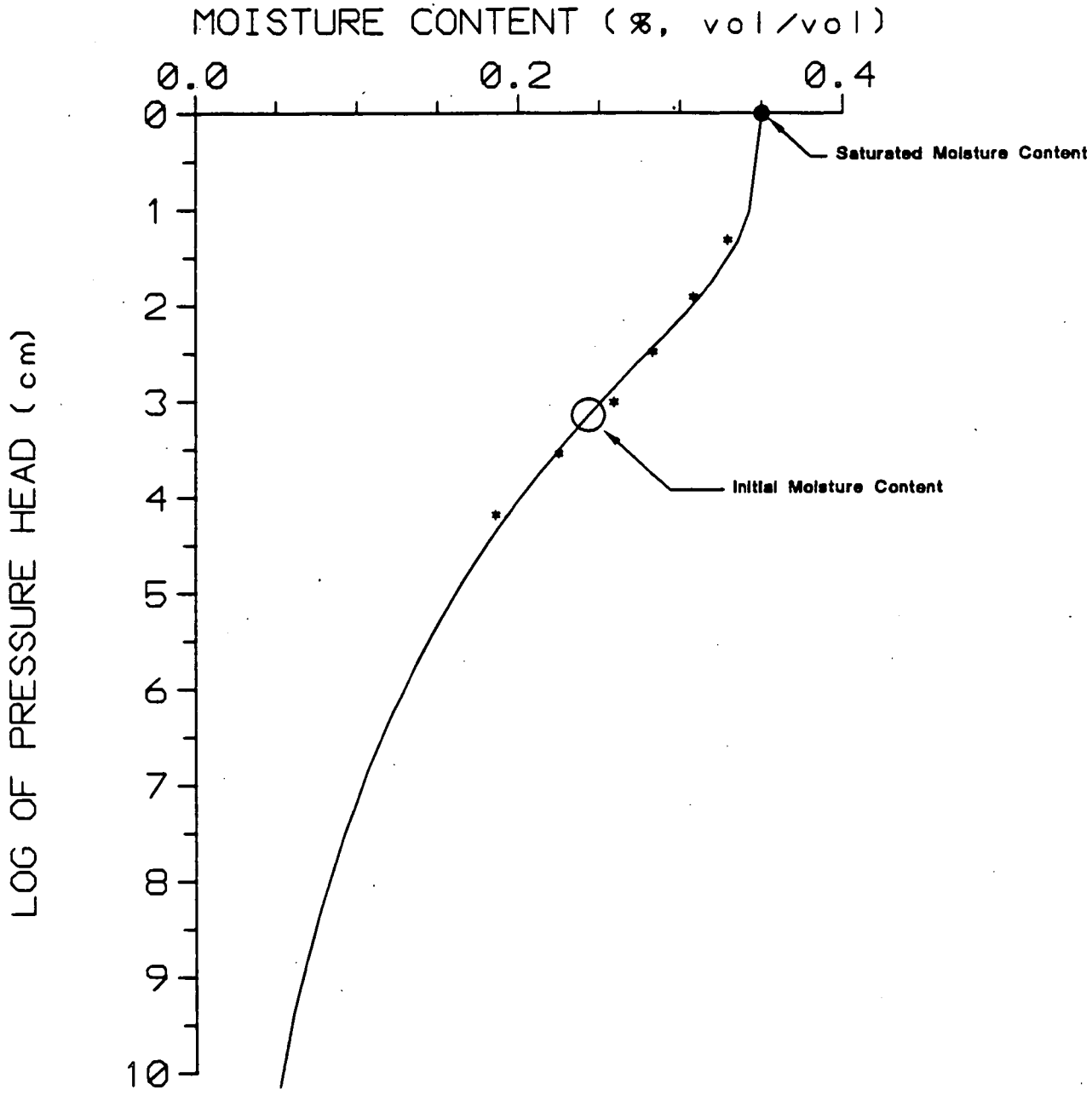
GOLDEN, COLORADO

Figure II.S-24

OU4 Phase I RFI/RI
Sample BH40600AE, Borehole 43193
Depth Interval 4.0-4.7 Feet
Hydraulic Conductivity
versus Moisture Content



● * * * ● Observed Data

——— Calculated

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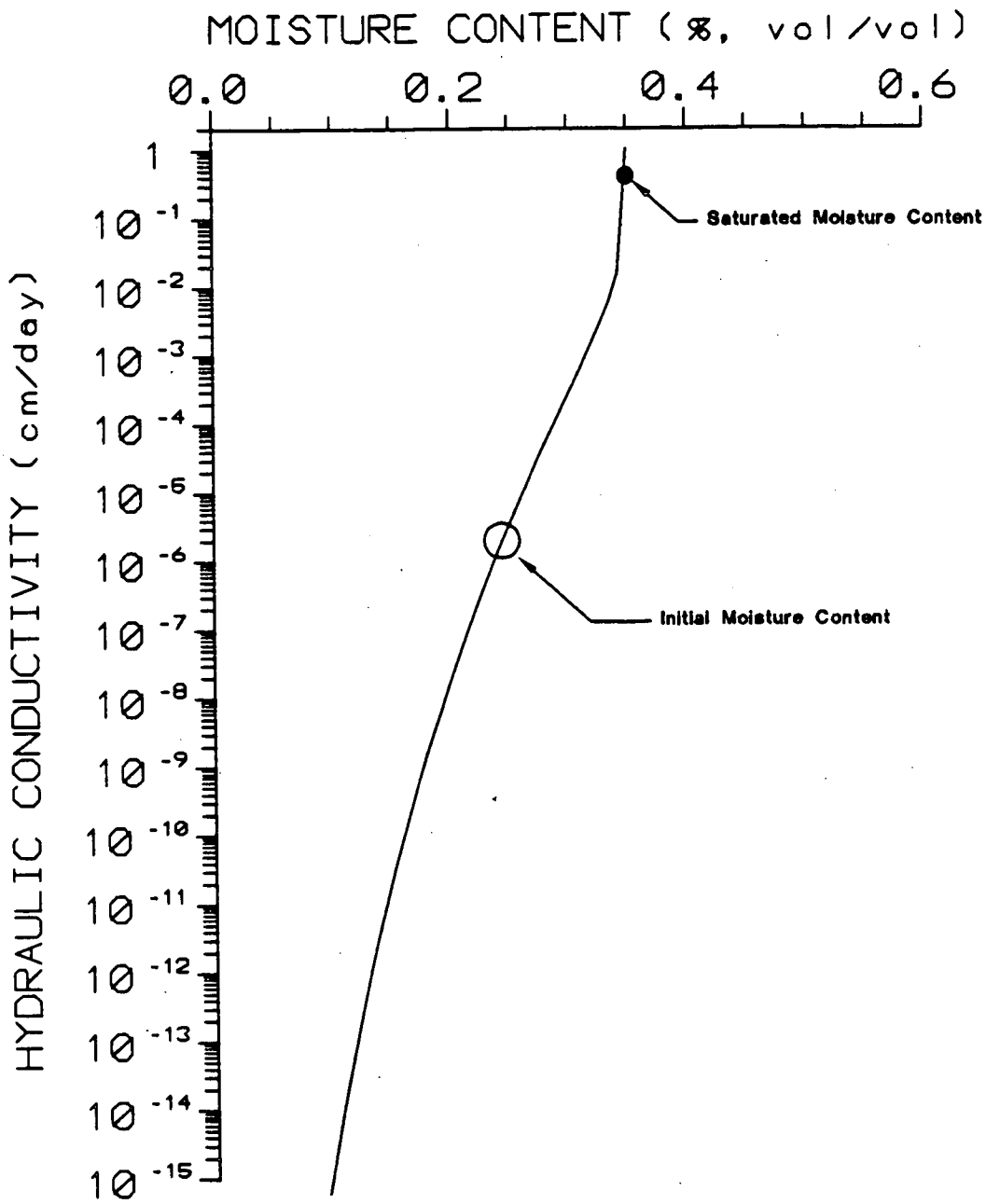
GOLDEN, COLORADO

Figure II.S-25

OU4 Phase I RFI/RI
Sample BH40601AE, Borehole 41793
Depth Interval 4.1-4.8 Feet
Pressure Head
versus Moisture Content



Calculated

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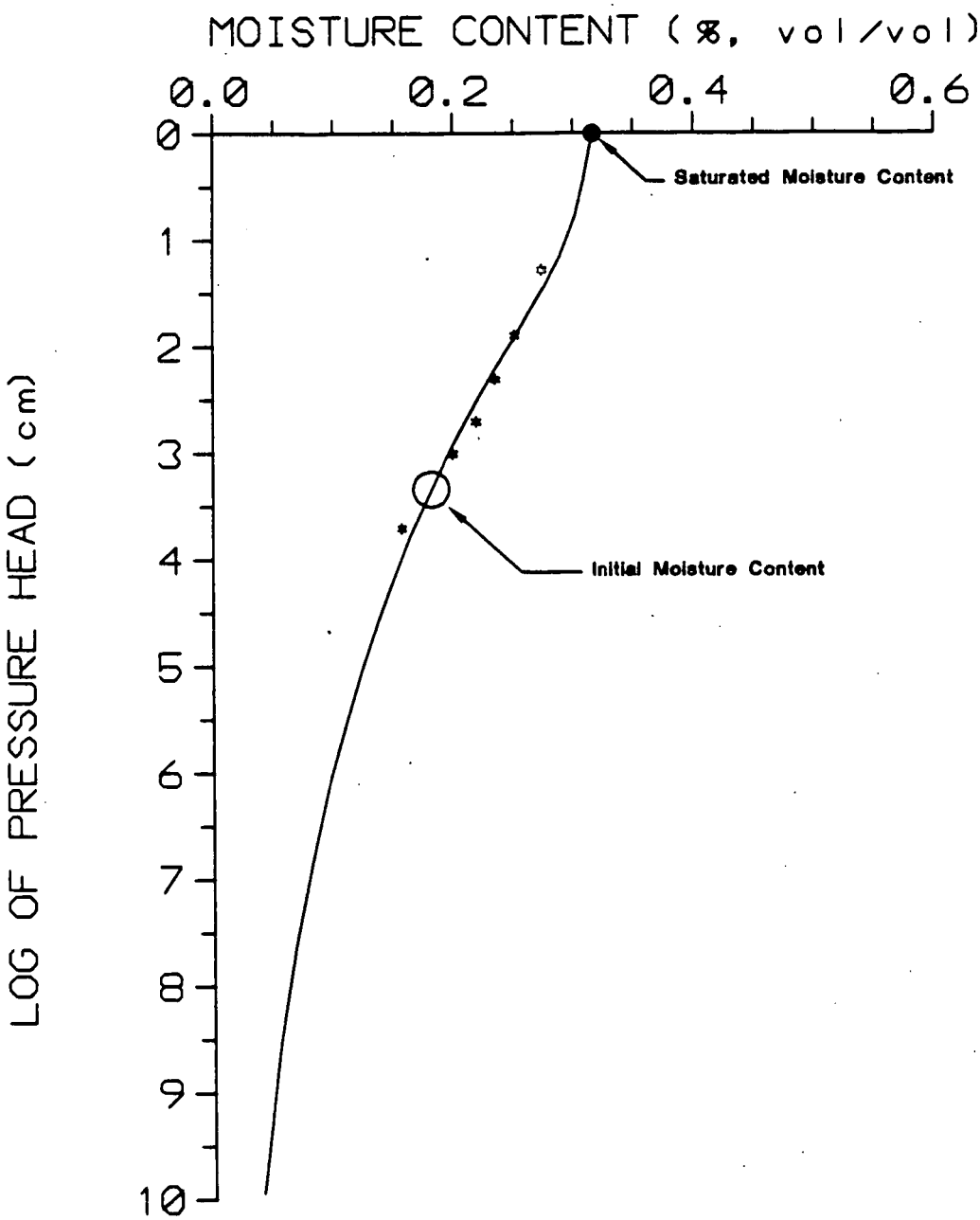
GOLDEN, COLORADO

Figure II.S-26

OU4 Phase I RFI/RI
Sample BH40601AE, Borehole 41793
Depth Interval 4.1-4.8 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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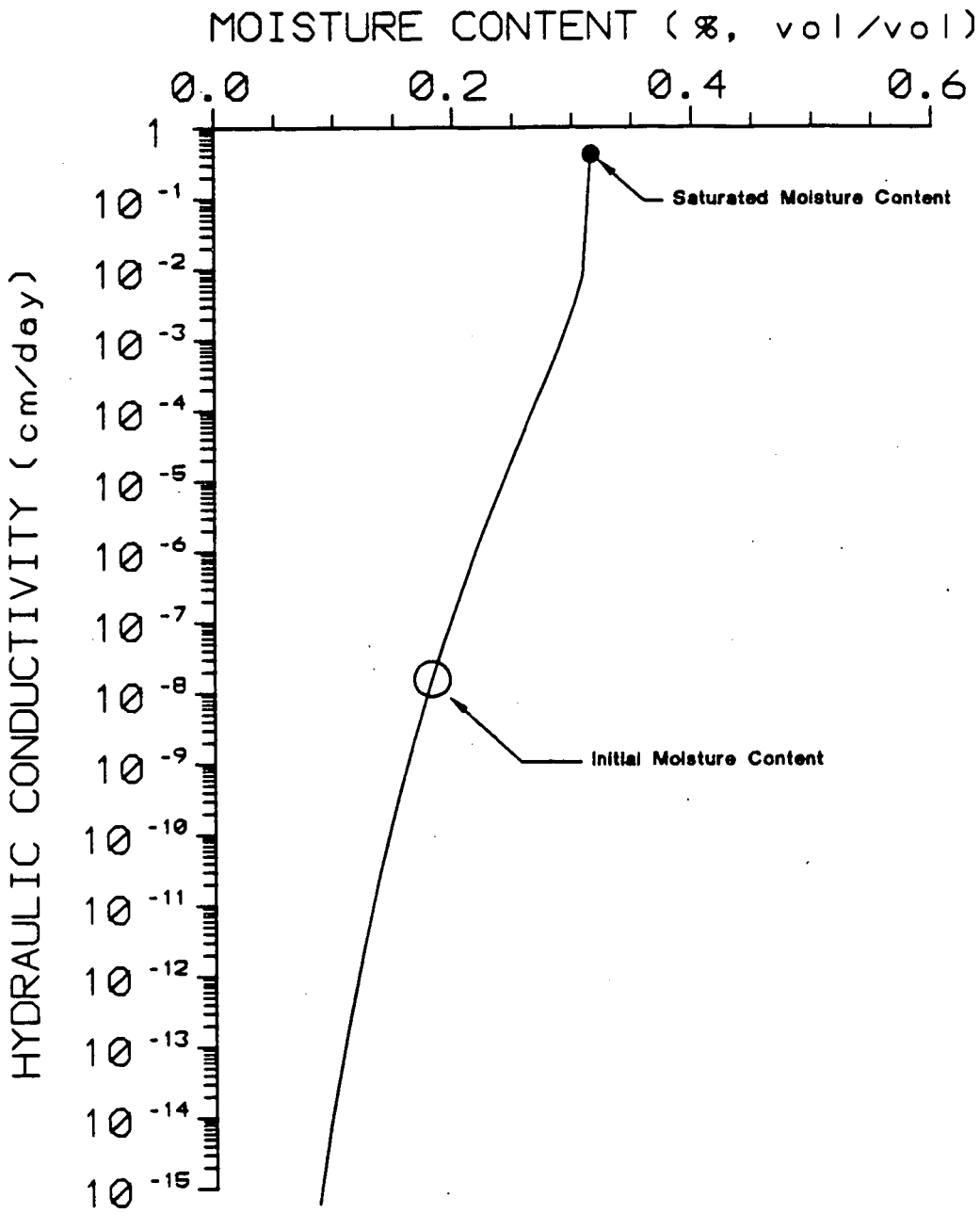
GOLDEN, COLORADO

Figure II.S-27

OU4 Phase I RFI/RI
Sample BH40602AE, Borehole 41793
Depth Interval 7.0-7.7 Feet
Pressure Head
versus Moisture Content



Calculated

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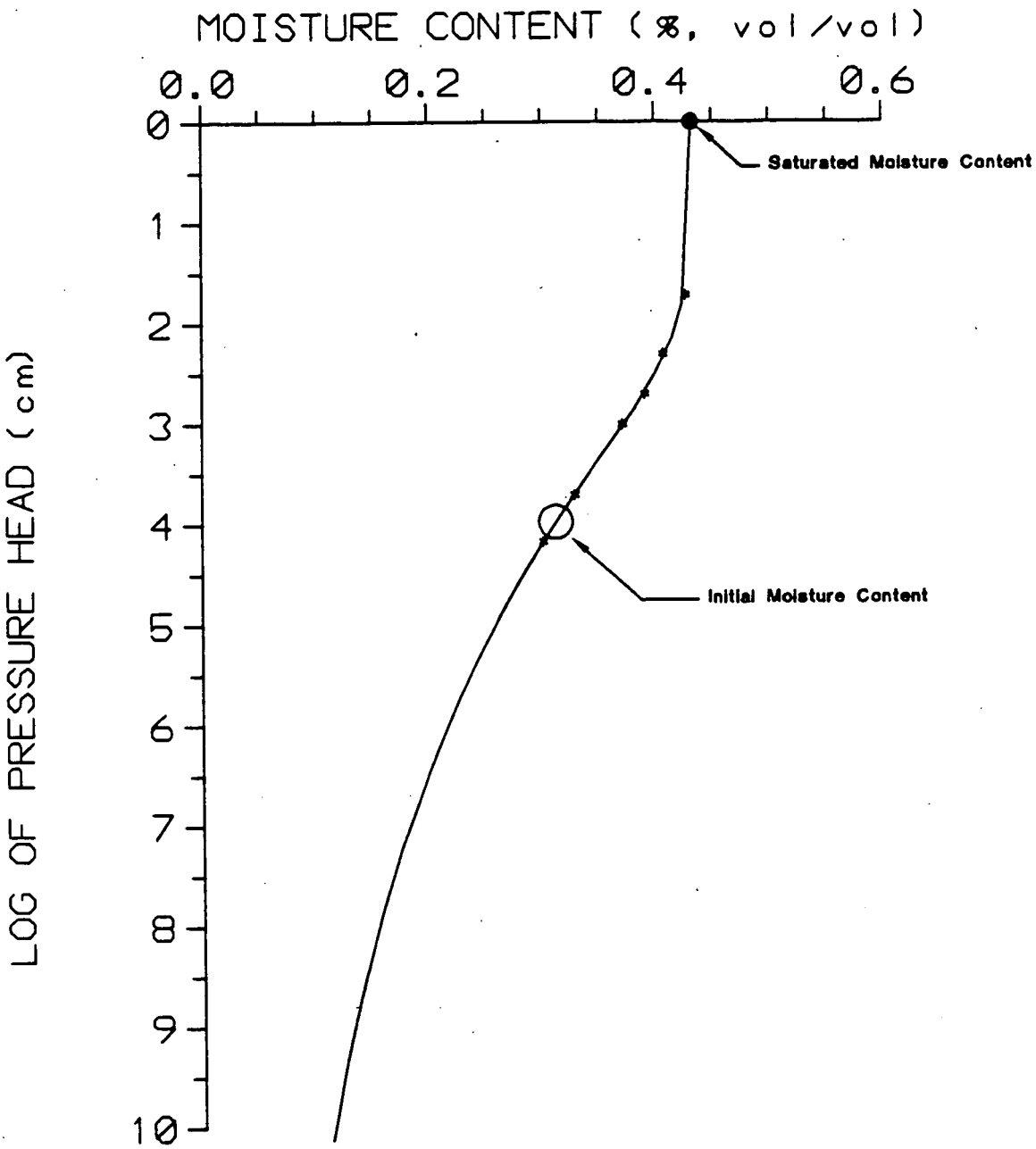
GOLDEN, COLORADO

Figure II.S-28

OU4 Phase I RFI/RI
Sample BH40602AE, Borehole 41793
Depth Interval 7.0-7.7 Feet
Hydraulic Conductivity
versus Moisture Content



●●✱✱● Observed Data

——— Calculated

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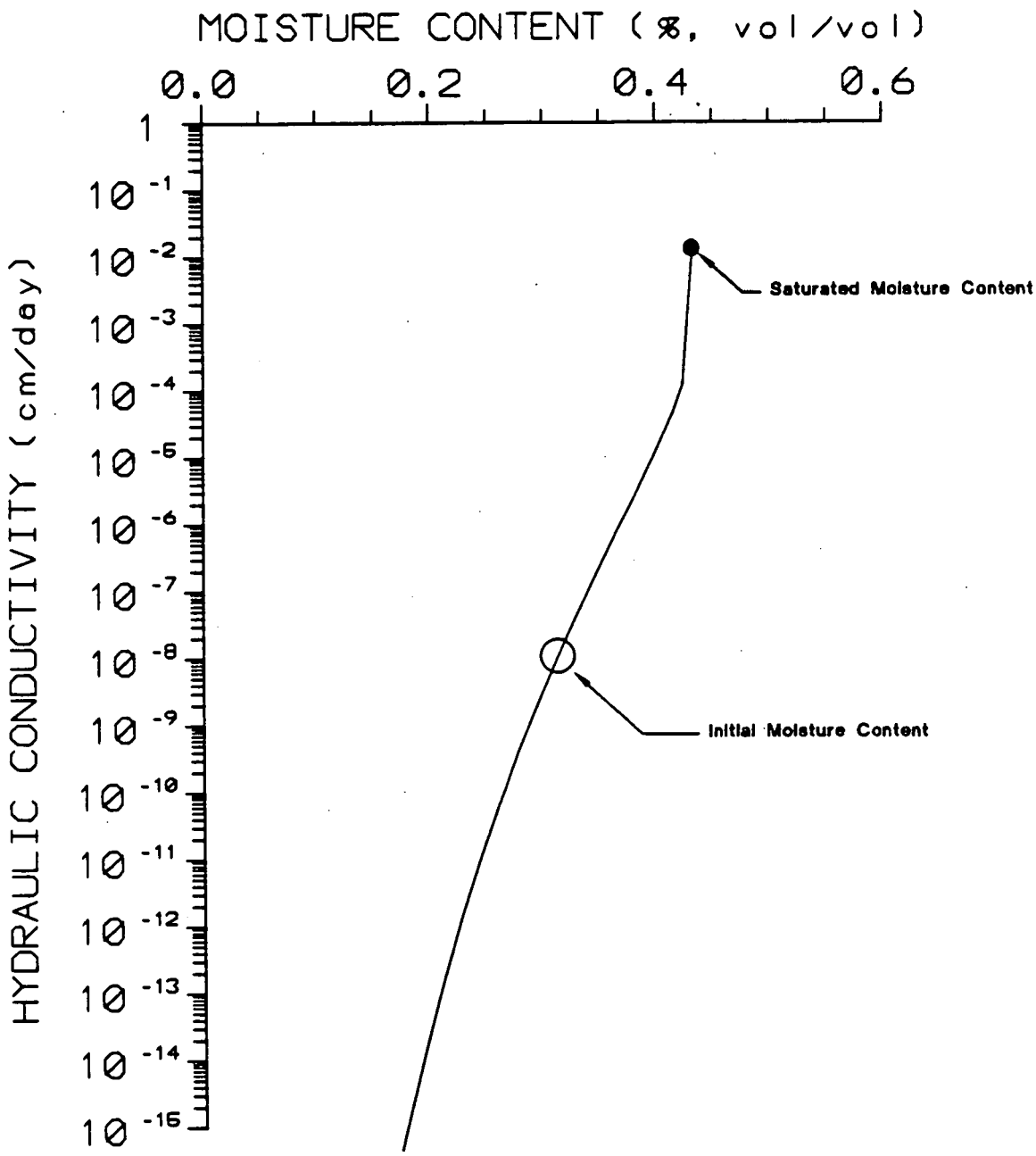
Figure II.S-29

OU4 Phase I RFI/RI
Sample BH40603AE, Borehole 41293
Depth Interval 4.1-4.8 Feet
Pressure Head
versus Moisture Content



Calculated

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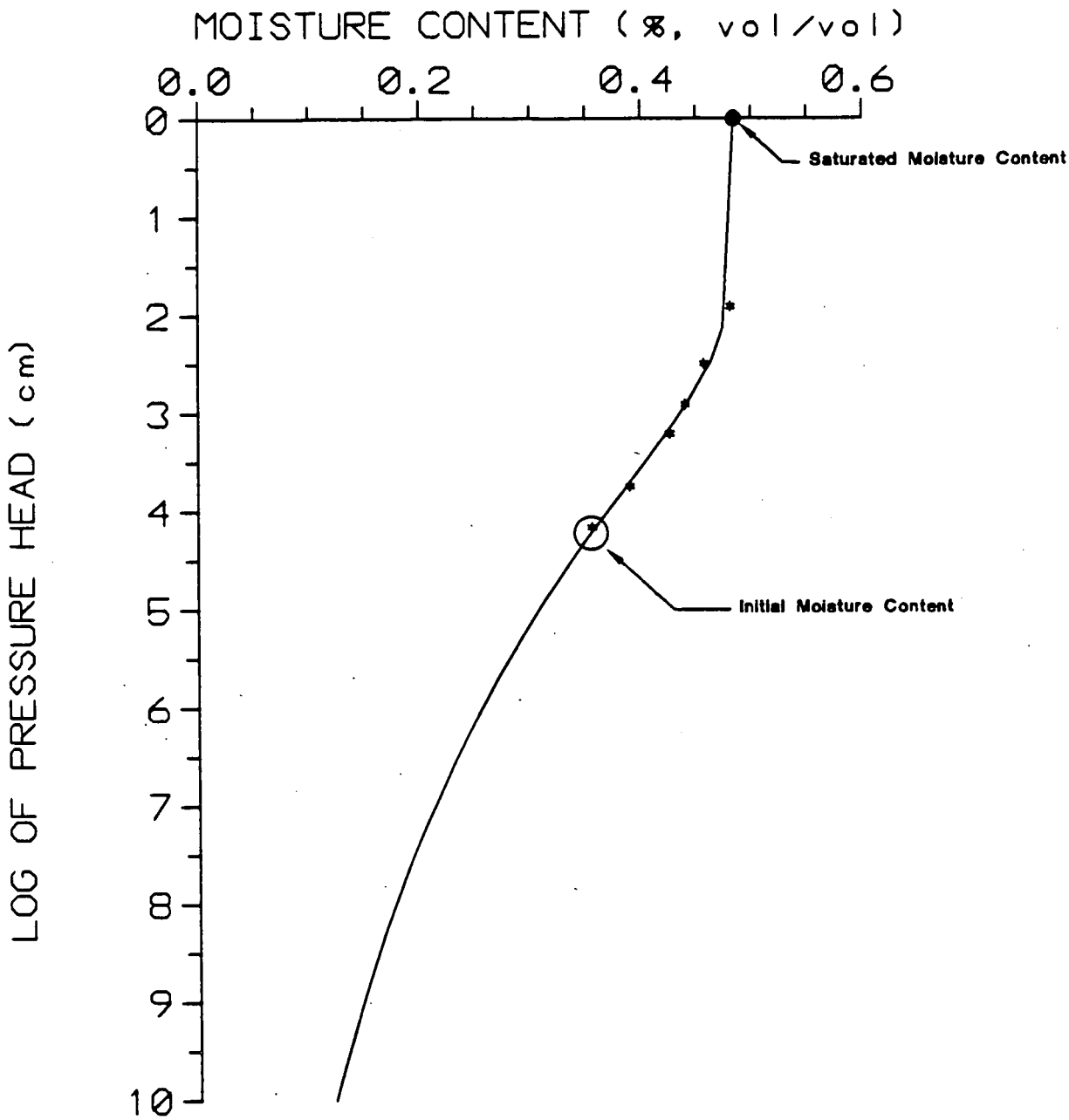
Figure II.S-30

OU4 Phase I RFI/RI
Sample BH40603AE, Borehole 41293
Depth Interval 4.1-4.8 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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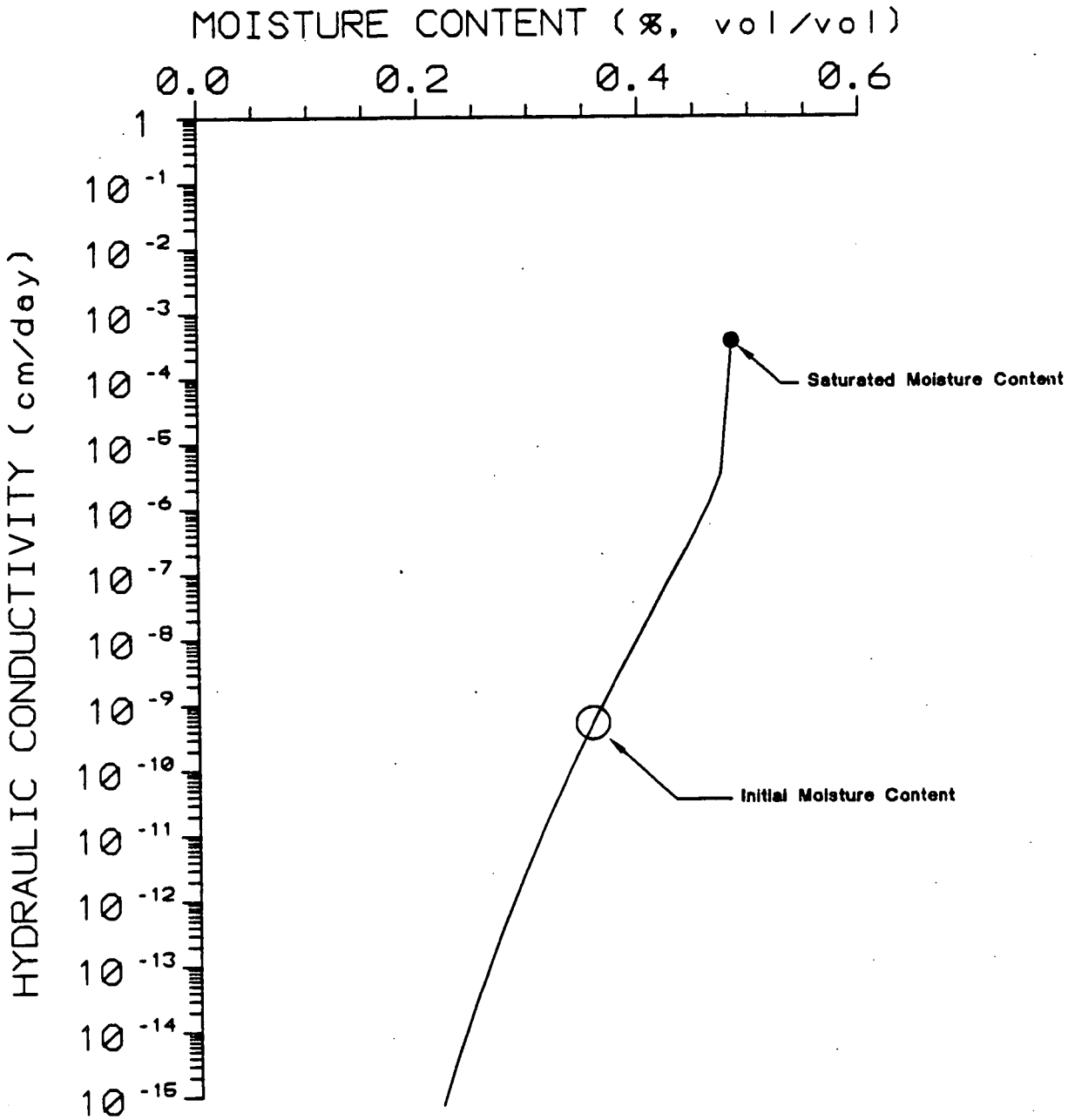
GOLDEN, COLORADO

Figure II.S-31

OU4 Phase I RFI/RI
Sample BH40604AE, Borehole 43793
Depth Interval 12.0-12.8 Feet
Pressure Head
versus Moisture Content



Calculated

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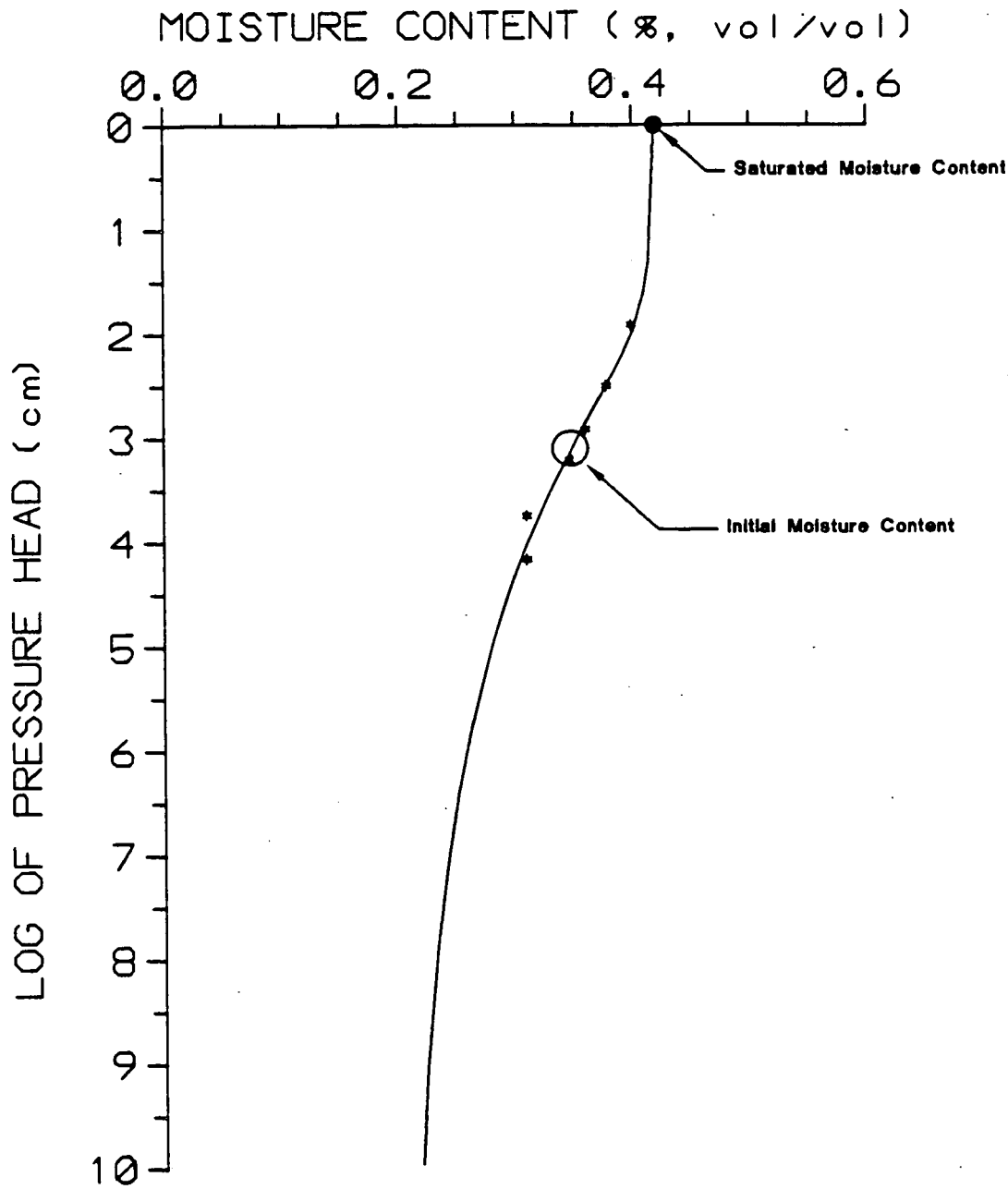
Figure II.S-32

OU4 Phase I RFI/RI
Sample BH40604AE, Borehole 43793
Depth Interval 12.0-12.8 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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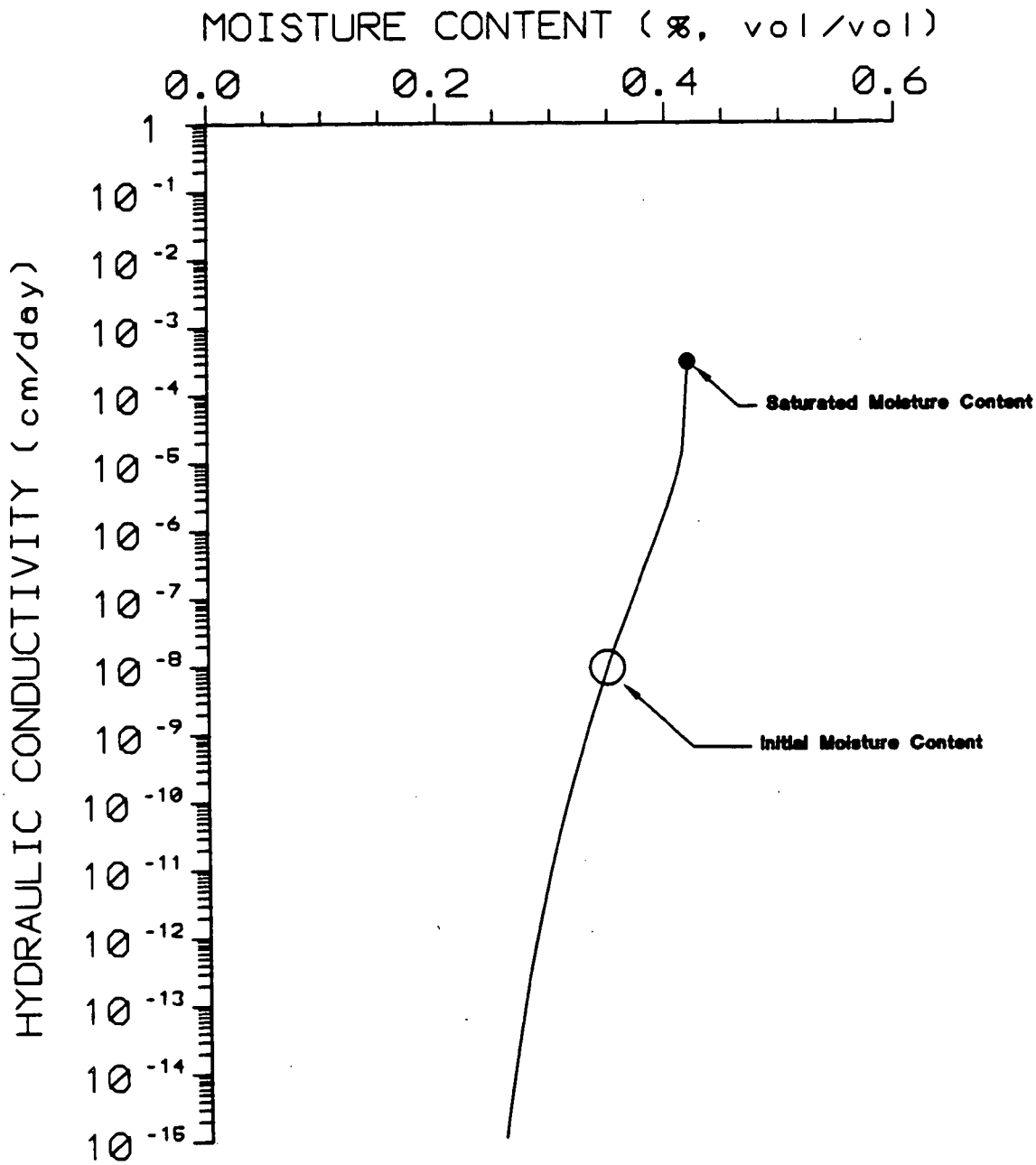
GOLDEN, COLORADO

Figure II.S-33

OU4 Phase I RFI/RI
Sample BH40605AE, Borehole 40693
Depth Interval 2.1 - 2.8 Feet
Pressure Head
versus Moisture Content



Calculated

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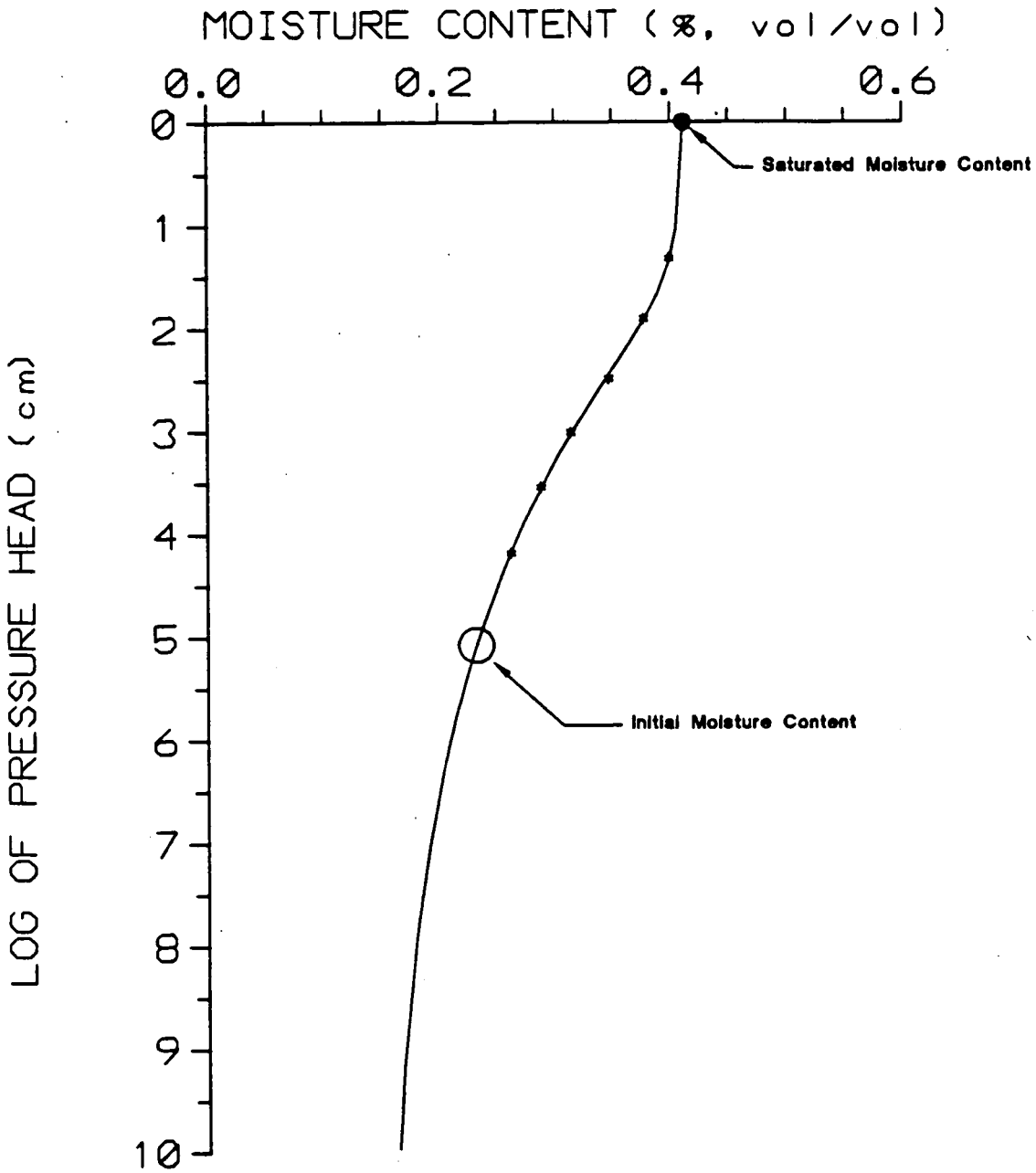
GOLDEN, COLORADO

Figure II.S-34

OU4 Phase I RFI/RI
Sample BH40605AE, Borehole 40693
Depth Interval 2.1 - 2.8 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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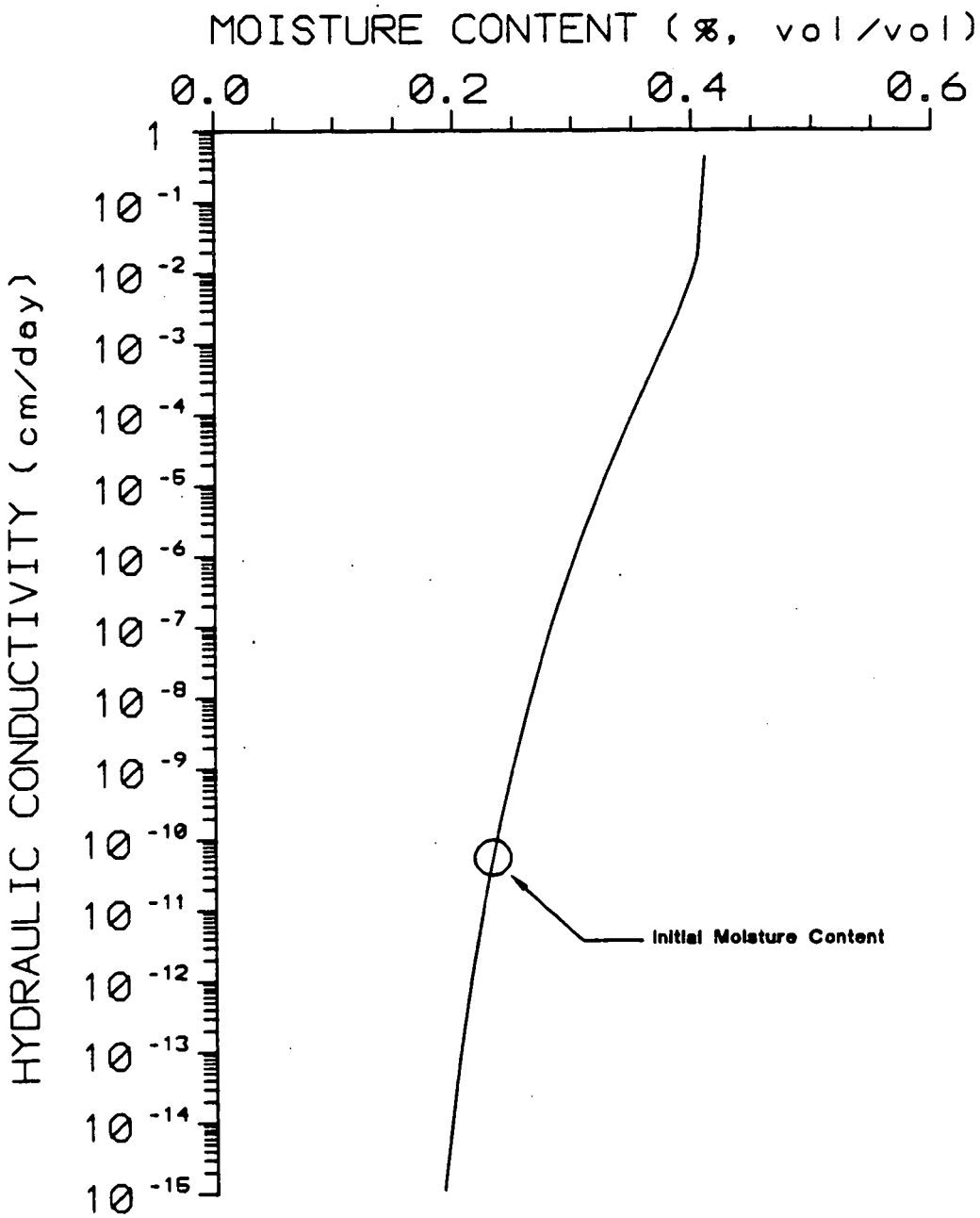
GOLDEN, COLORADO

Figure II.S-35

OU4 Phase I RFI/RI
Sample BH40606AE, Borehole 40793
Depth Interval 4.0-4.5 Feet
Pressure Head
versus Moisture Content



Calculated

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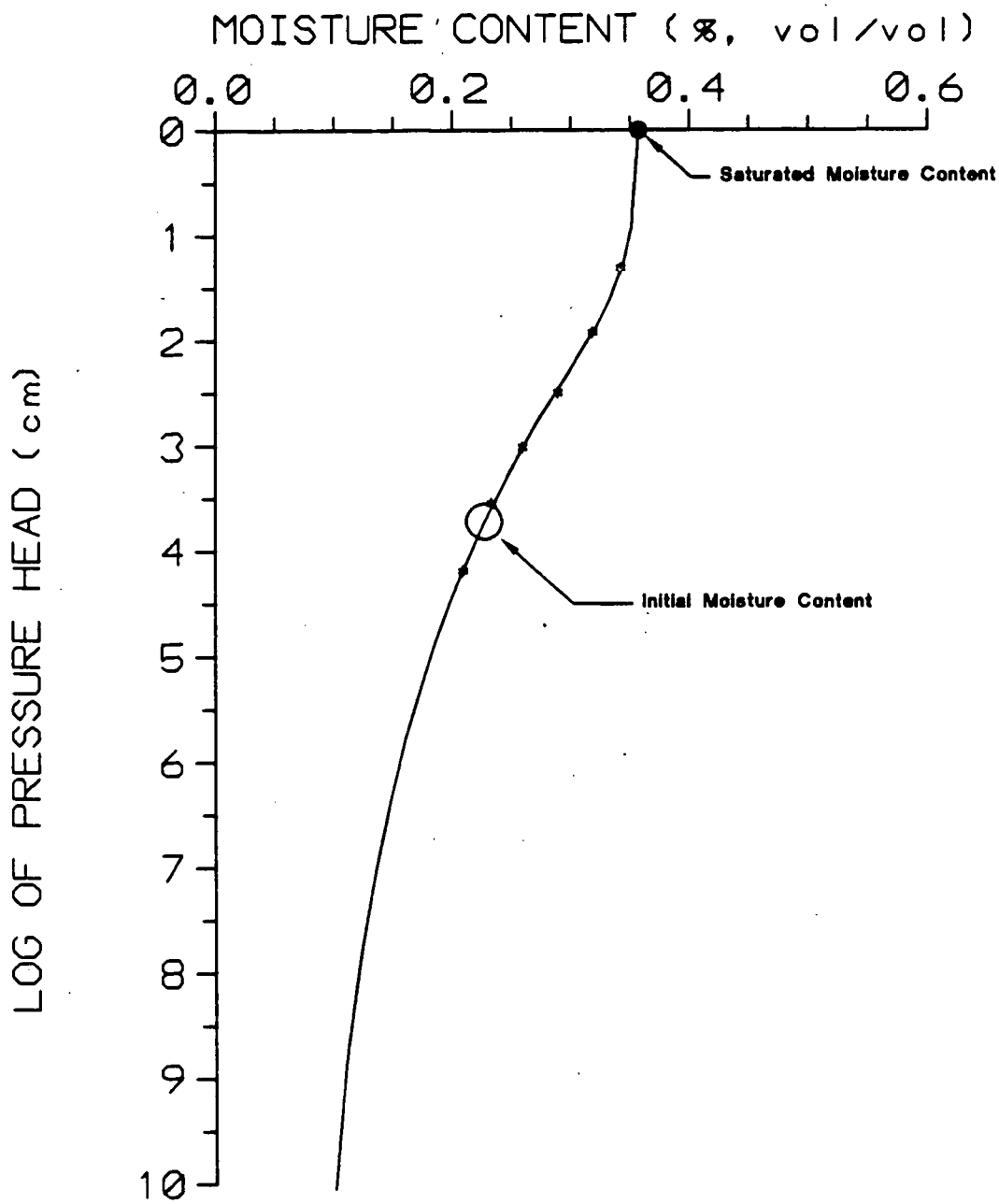
GOLDEN, COLORADO

Figure II.S-36

OU4 Phase I RFI/RI
Sample BH40606AE, Borehole 40793
Depth Interval 4.0-4.5 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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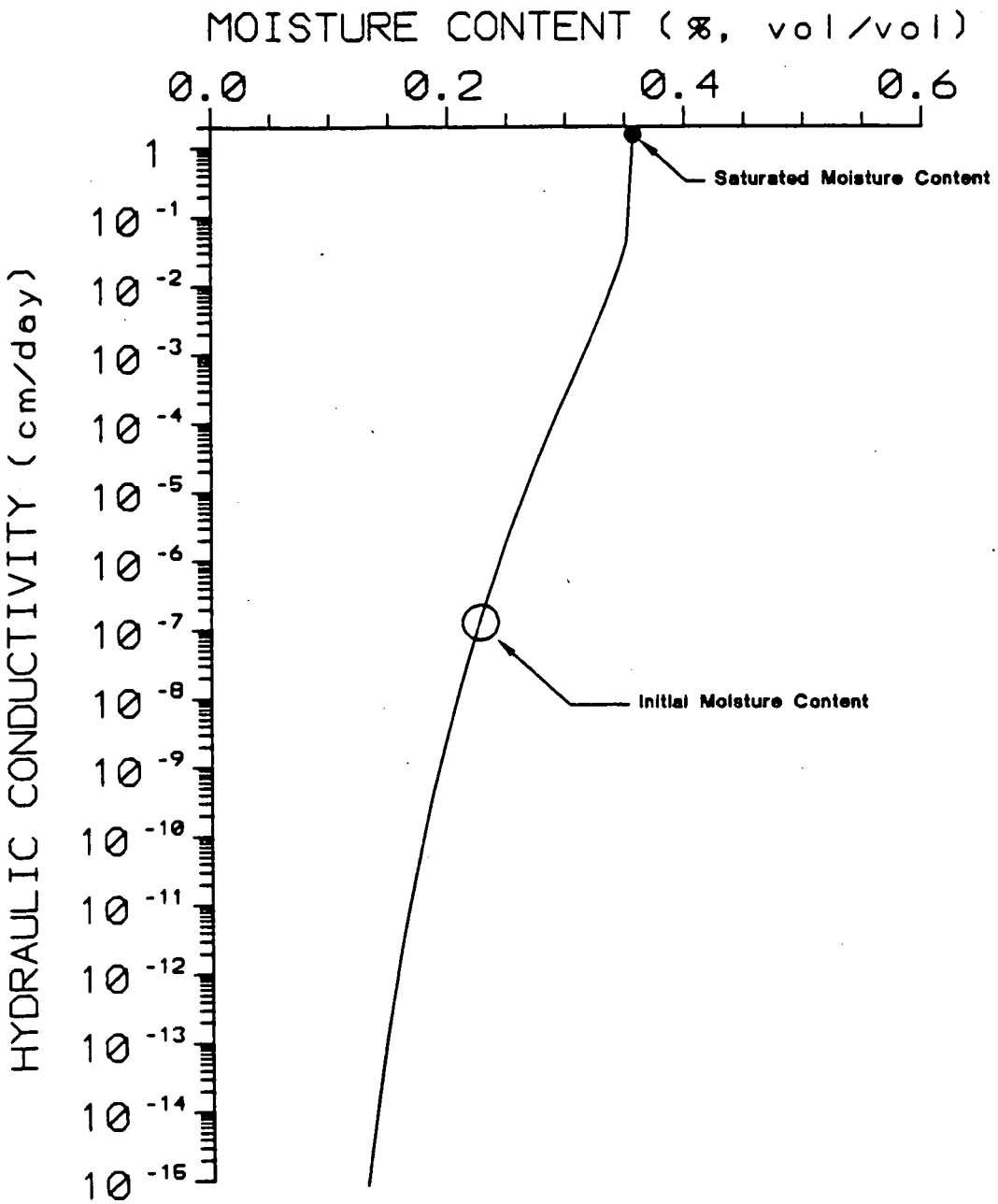
GOLDEN, COLORADO

Figure II.S-37

OU4 Phase I RFI/RI
Sample BH40807AE, Borehole 40793
Depth Interval 6.1-6.8 Feet
Pressure Head
versus Moisture Content



Calculated

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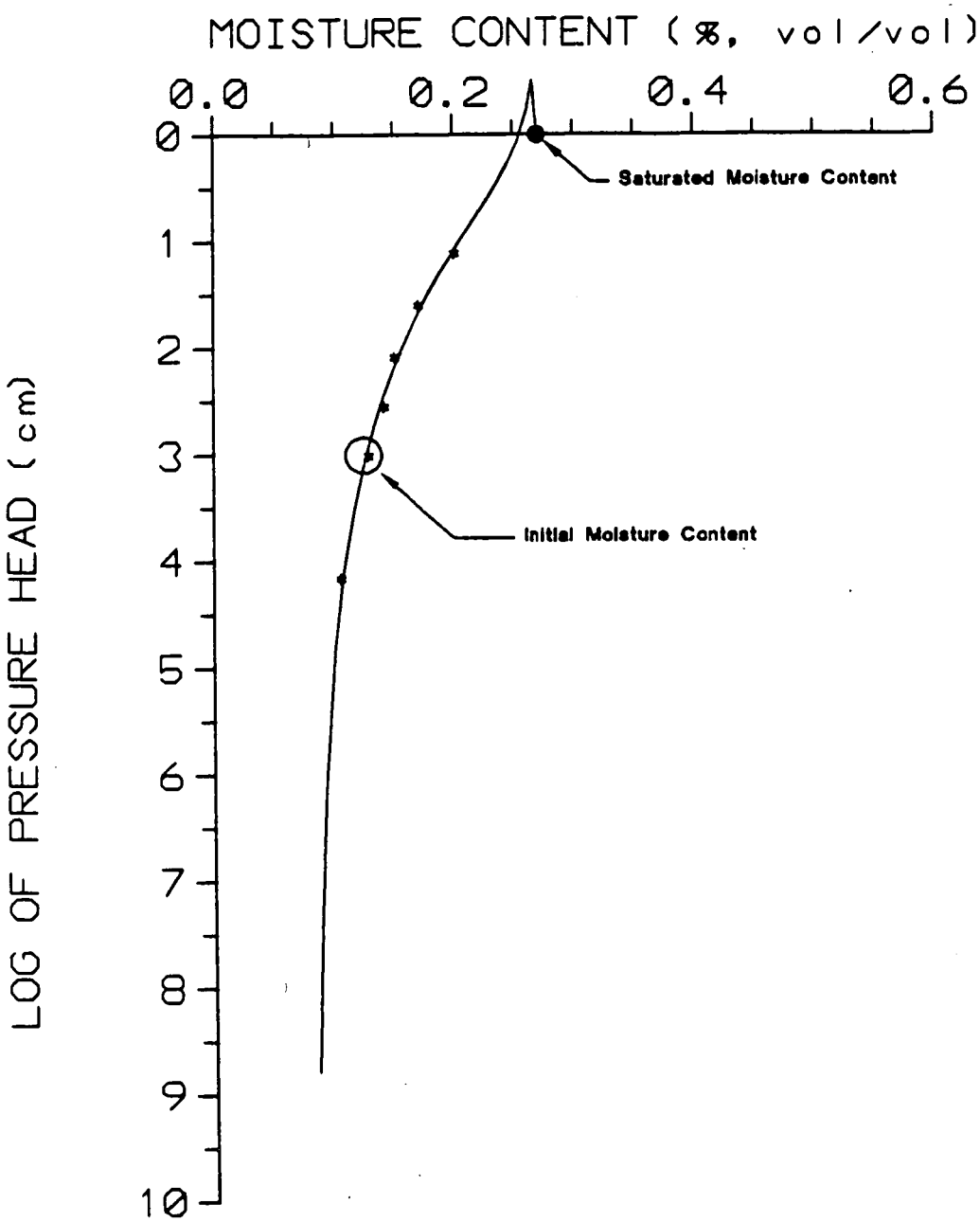
GOLDEN, COLORADO

Figure II.S-38

OU4 Phase I RFI/RI
Sample BH40807AE, Borehole 40793
Depth Interval 6.1-6.8 Feet
Hydraulic Conductivity
versus Moisture Content



●●●** Observed Data

——— Calculated

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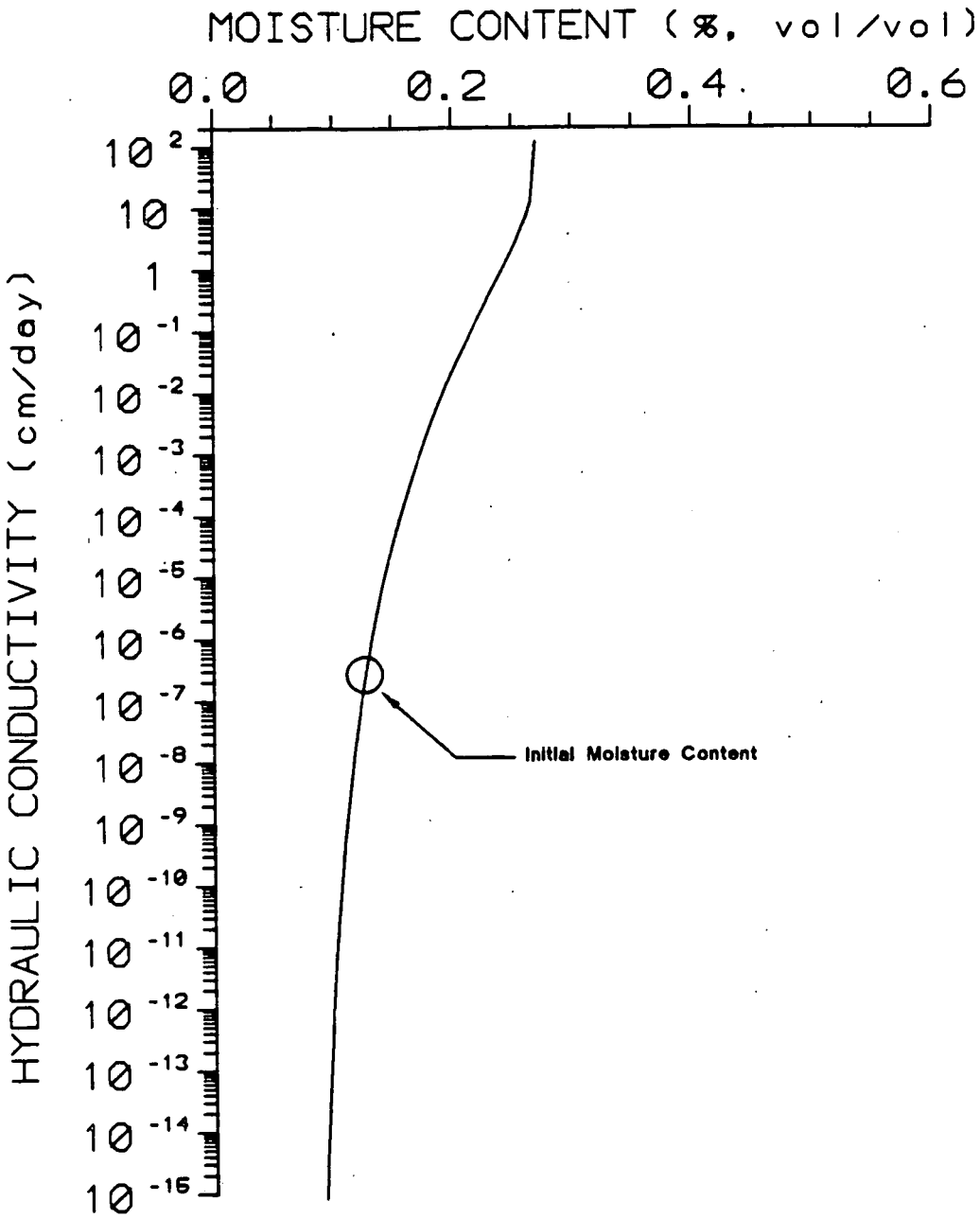
Figure II.S-39

OU4 Phase I RFI/RI
Sample BH40608AE, Borehole 40993
Depth Interval 4.0-4.7 Feet
Pressure Head
versus Moisture Content



Calculated

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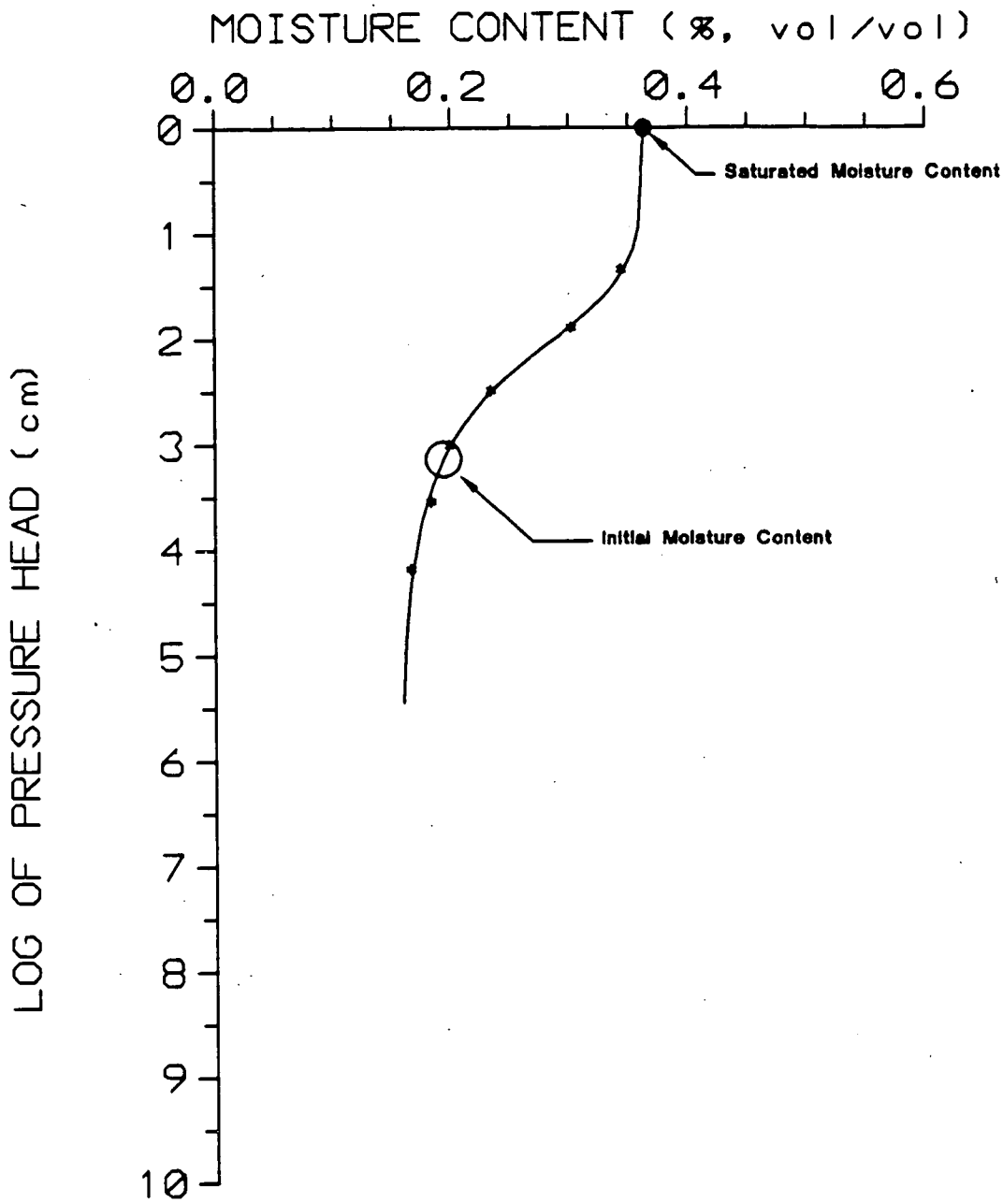
GOLDEN, COLORADO

Figure II.S-40

OU4 Phase I RFI/RI
Sample BH40608AE, Borehole 40993
Depth Interval 4.0-4.7 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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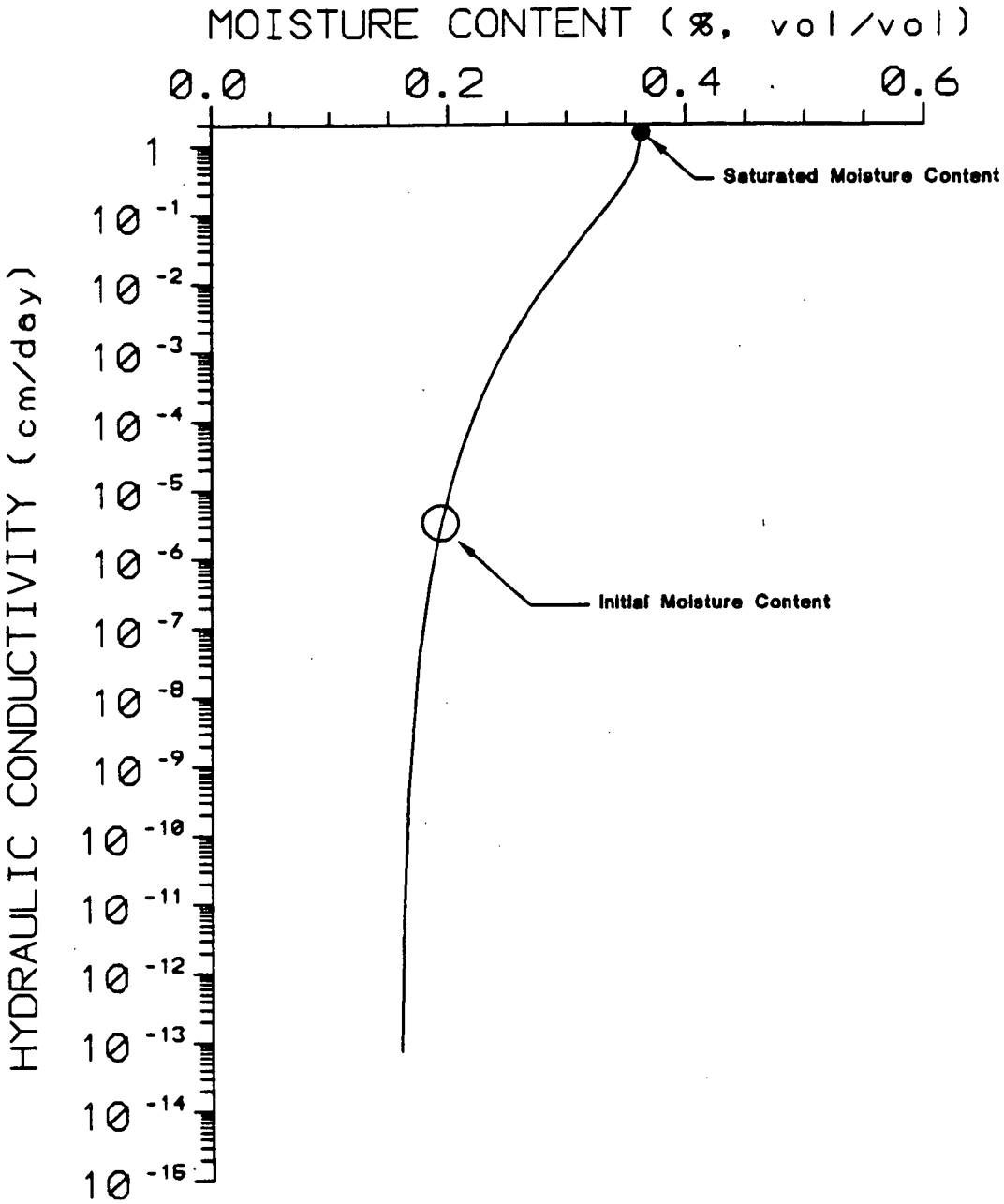
GOLDEN, COLORADO

Figure II.S-41

OU4 Phase I RFI/RI
Sample BH40609AE, Borehole 40993
Depth Interval 10.0-10.8 Feet
Pressure Head
versus Moisture Content



Calculated

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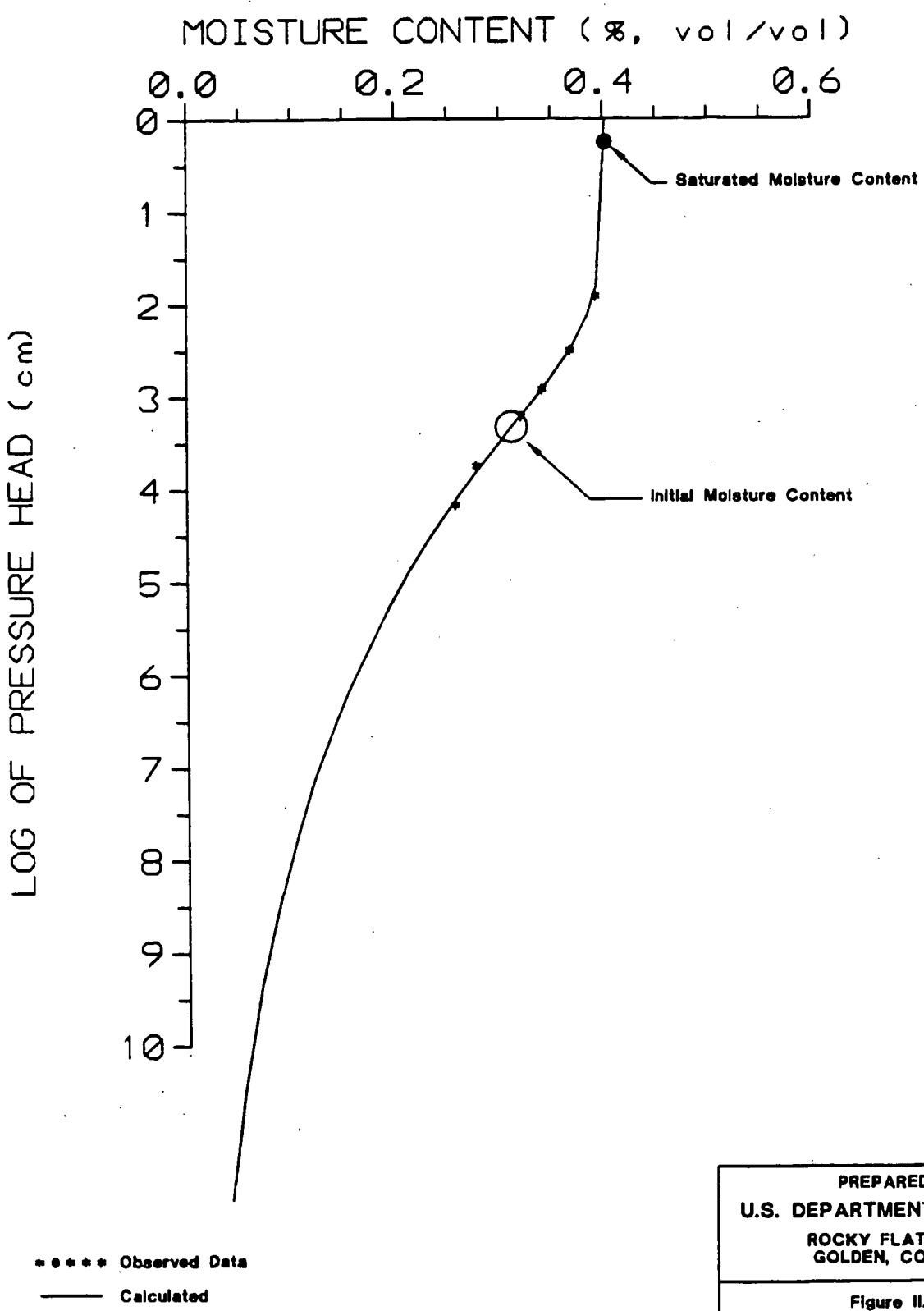
GOLDEN, COLORADO

Figure II.S-42

OU4 Phase I RFI/RI
Sample BH40609AE, Borehole 40993
Depth Interval 10.0-10.8 Feet
Hydraulic Conductivity
versus Moisture Content



* ● * * * Observed Data

——— Calculated

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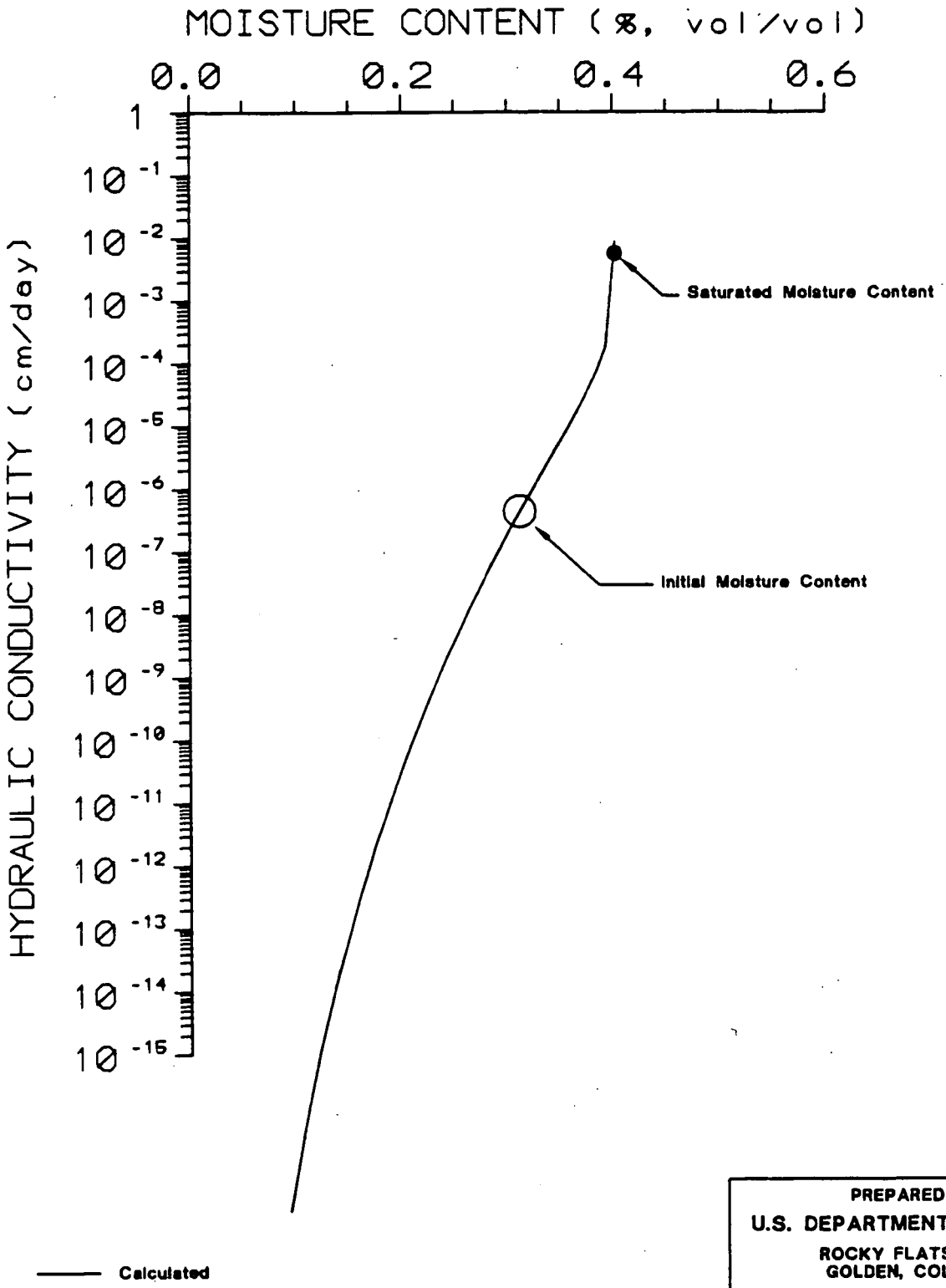
GOLDEN, COLORADO

Figure II.S-43

OU4 Phase I RFI/RI
Sample BH40610AE, Borehole 40993
Depth Interval 32.7-33.8 Feet
Pressure Head
versus Moisture Content



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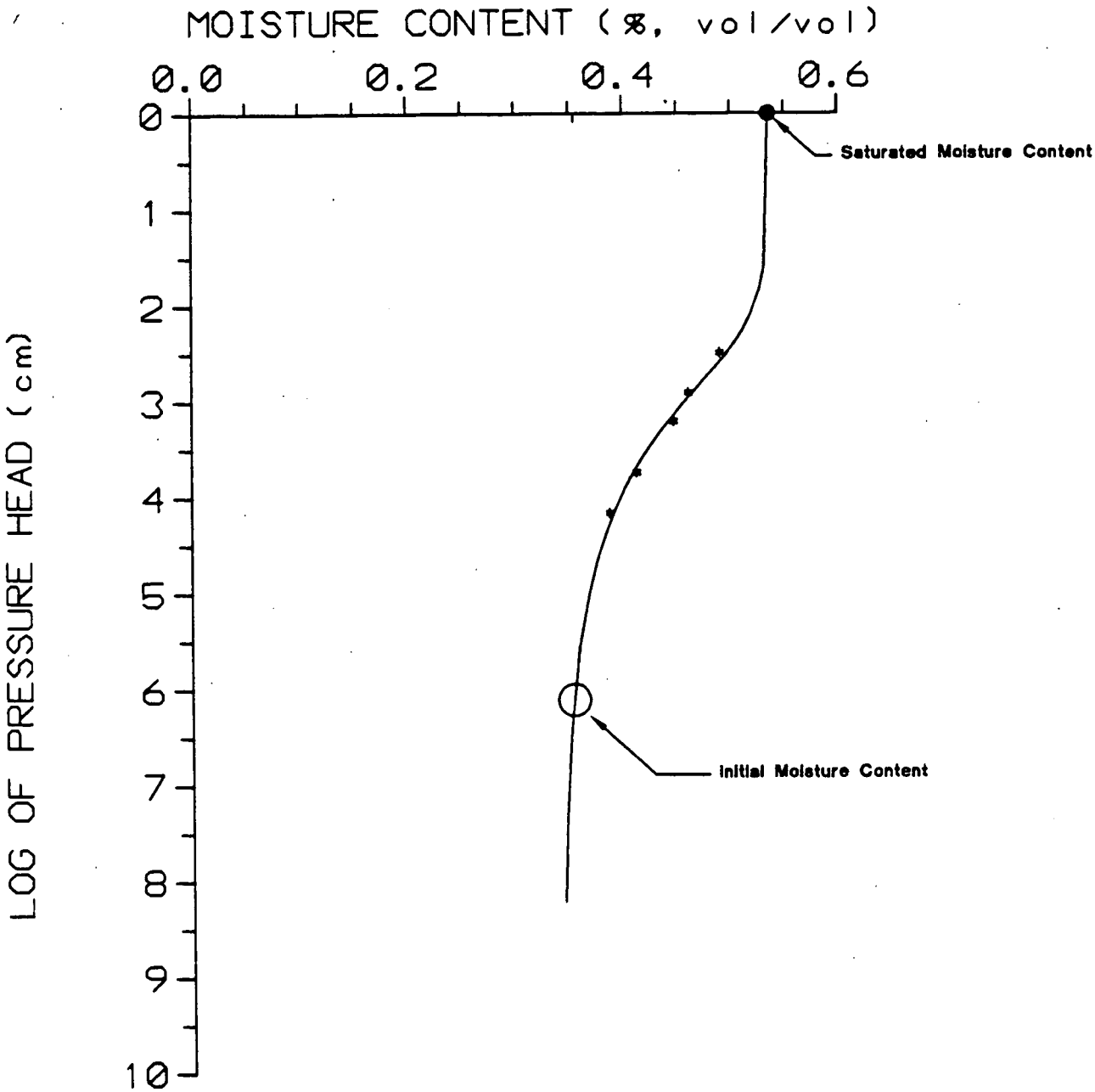
GOLDEN, COLORADO

Figure II.S-44

OU4 Phase I RFI/RI
Sample BH40610AE, Borehole 40993
Depth Interval 32.7-33.8 Feet
Hydraulic Conductivity
versus Moisture Content



* * * * * Observed Data

——— Calculated

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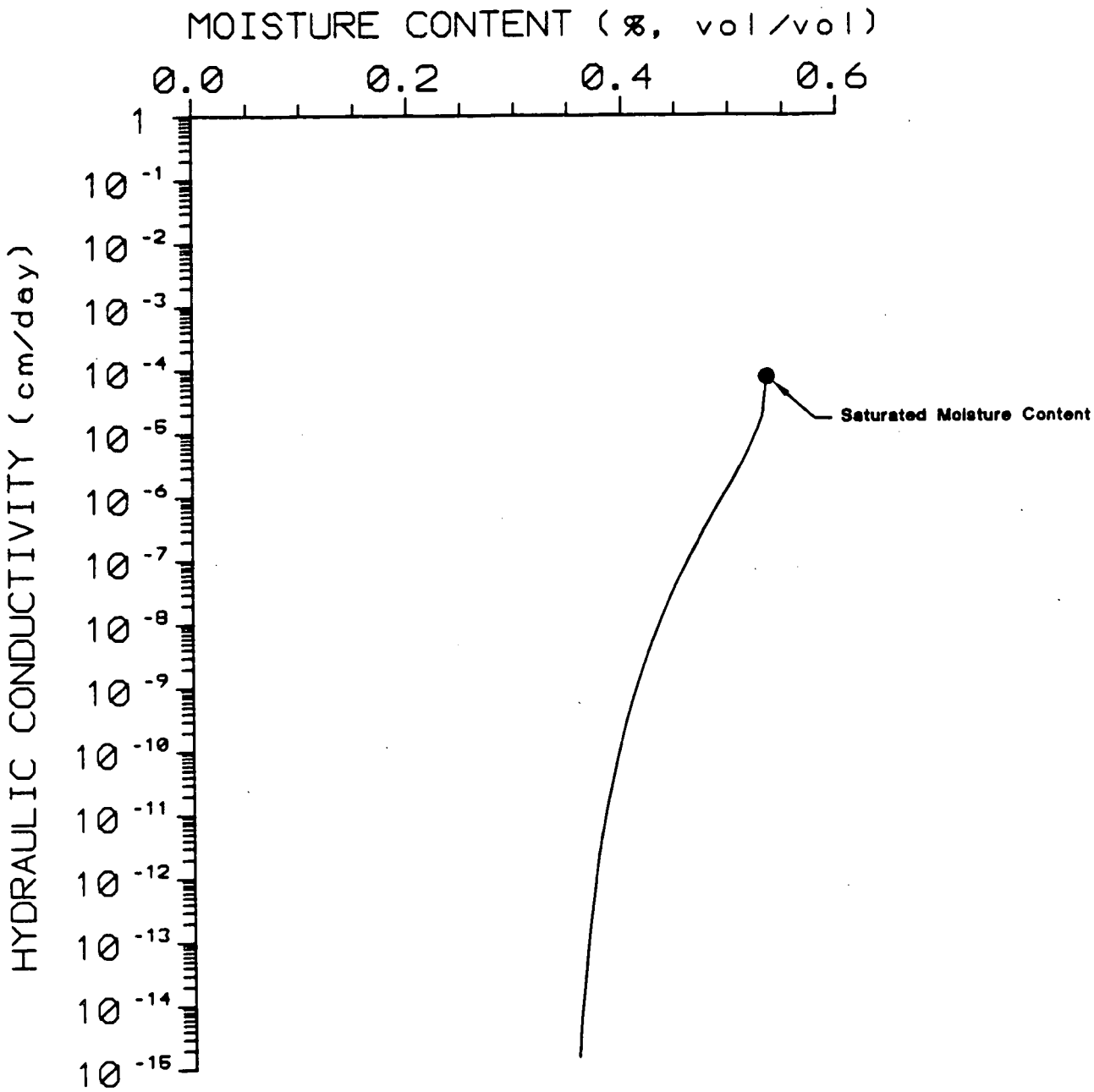
GOLDEN, COLORADO

Figure II.S-45

OU4 Phase I RFI/RI
Sample BH40611AE, Borehole 42893
Depth Interval 3.0-3.7 Feet
Pressure Head
versus Moisture Content



Calculated

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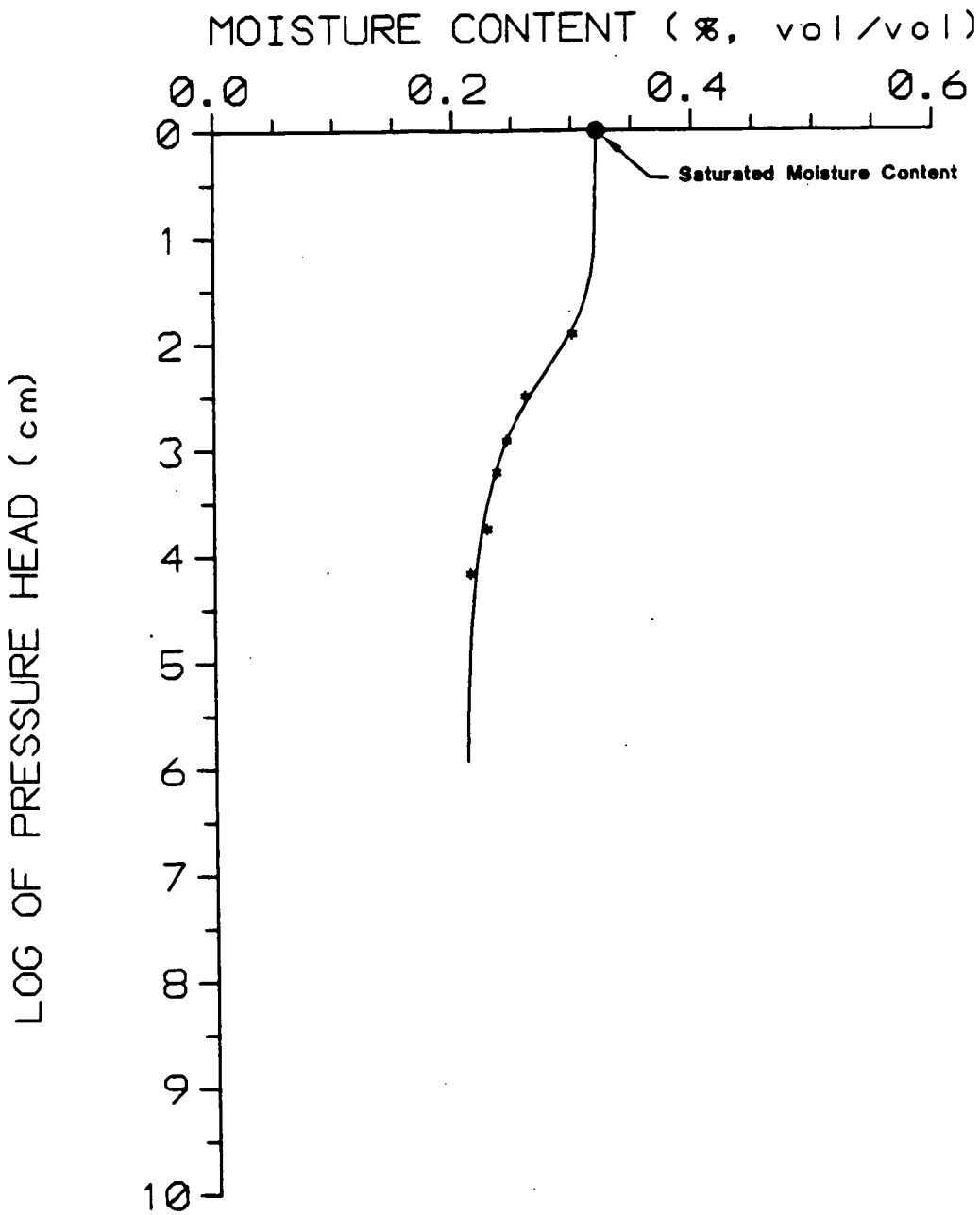
GOLDEN, COLORADO

Figure II.S-46

OU4 Phase I RFI/RI
Sample BH40511AE, Borehole 42893
Depth Interval 3.0-3.7 Feet
Hydraulic Conductivity
versus Moisture Content



* * ● ● ● Observed Data

——— Calculated

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GOLDEN, COLORADO

Figure II.S-47

OU4 Phase I RFI/RI
Sample BH40612AE, Borehole 43693
Depth Interval 1.1-1.7 Feet
Pressure Head
versus Moisture Content

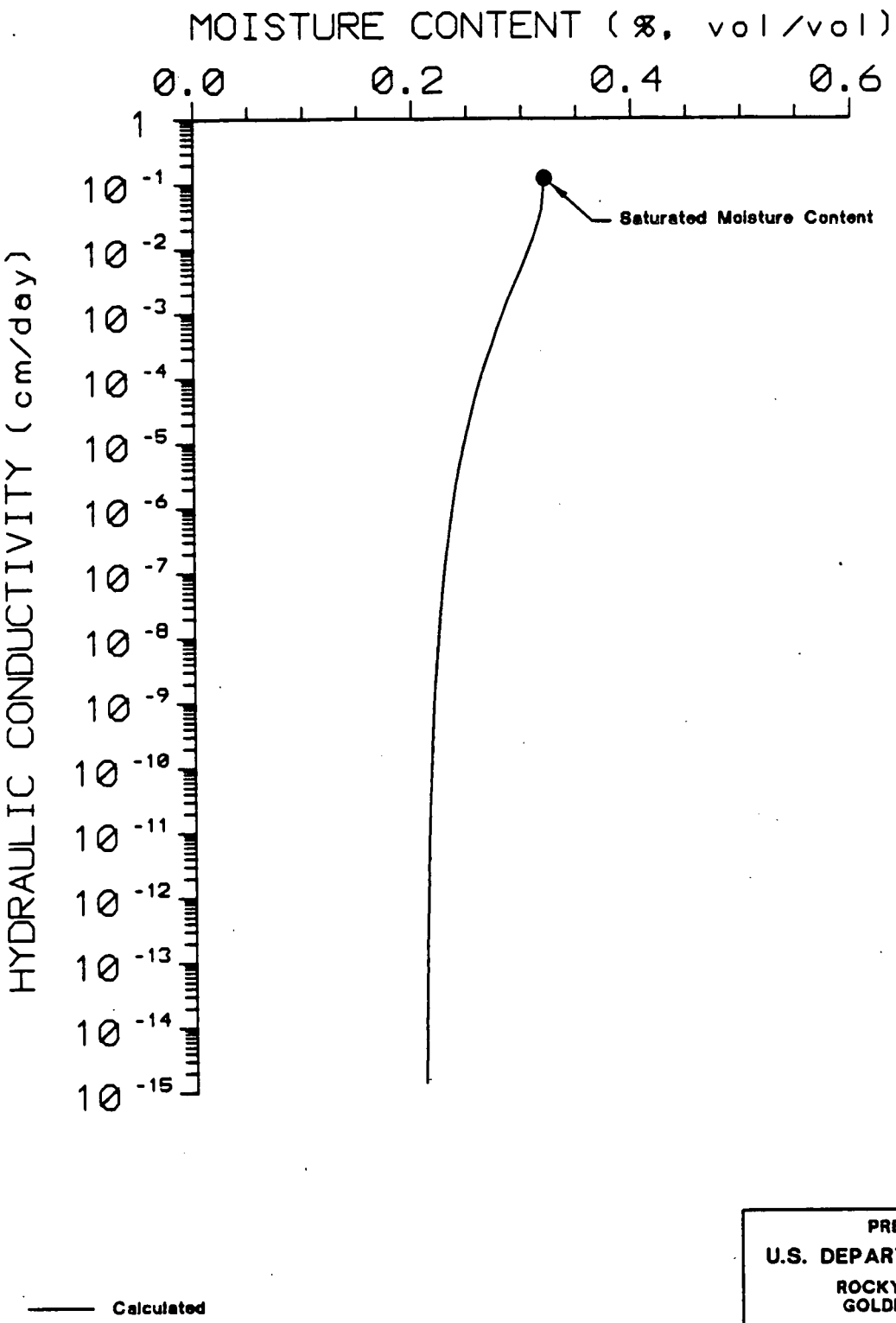

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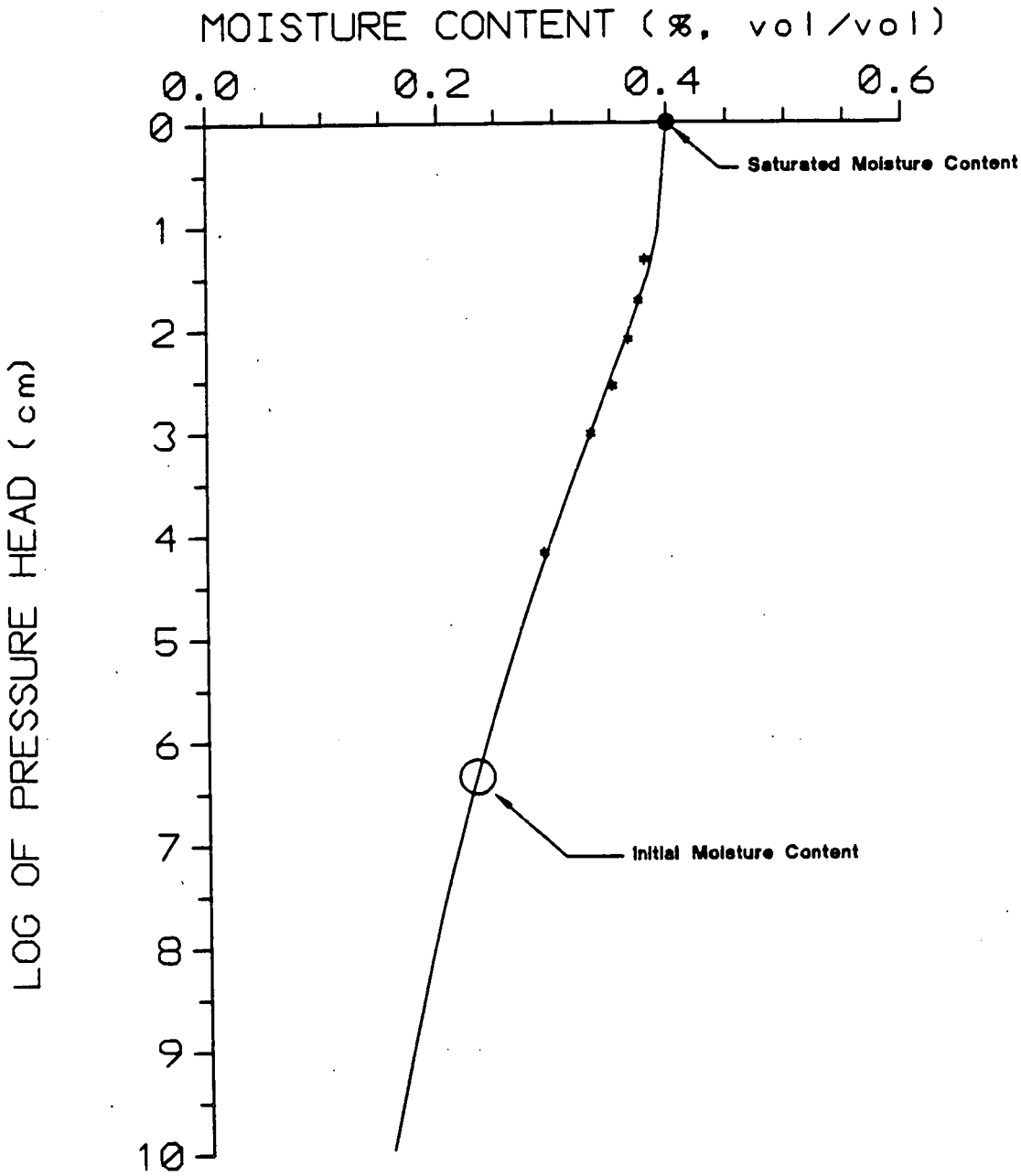
Figure II.S-48

OU4 Phase I RFI/RI
Sample BH40612AE, Borehole 43693
Depth Interval 1.1-1.7 Feet
Hydraulic Conductivity
versus Moisture Content



* ● ● * ● Observed Data

——— Calculated

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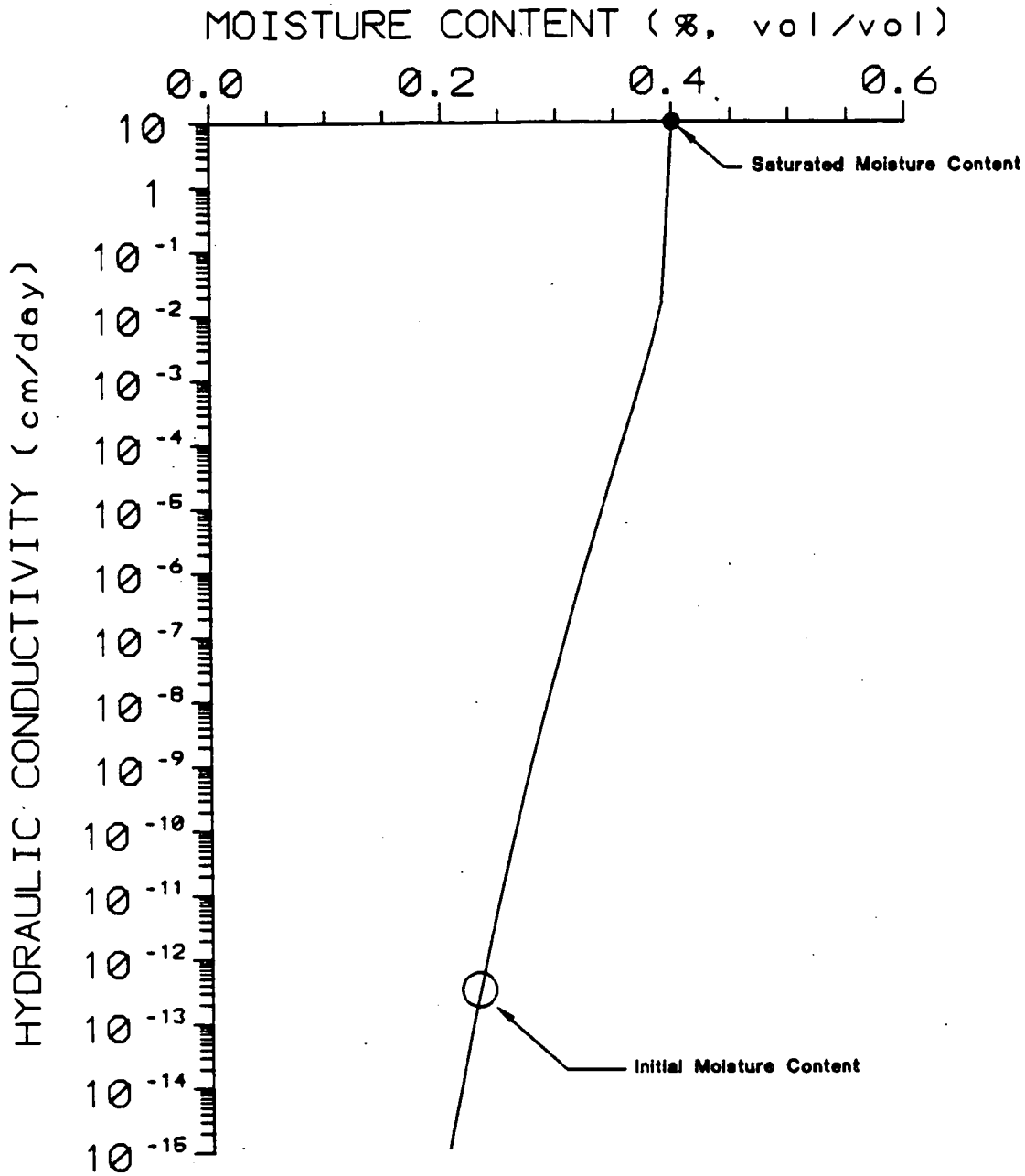
GOLDEN, COLORADO

Figure II.S-49

OU4 Phase I RFI/RI
Sample BH40613AE, Borehole 41593
Depth Interval 0.4-1.1 Feet
Pressure Head
versus Moisture Content



Calculated

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GOLDEN, COLORADO

Figure II.S-50

OU4 Phase I RFI/RI
Sample BH40613AE, Borehole 41593
Depth Interval 0.4-1.1 Feet
Hydraulic Conductivity
versus Moisture Content

```
*****************************************************************
*                                                               *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI lab vz sample BH40396AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.3210	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.2506	0

ERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	21.000	.3210	1.0000
2	82.000	.3000	1.0000
3	306.000	.2760	1.0000
4	1020.000	.2520	1.0000
5	3467.000	.2320	1.0000
6	15195.000	.2260	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.02477	.0600	.0400	1.2000
12	.00004	.2123	.0107	1.4305

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.5924	1.0000	
N	.9316	-.8015	1.0000

QUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99495462

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.21231	.00980	21.66	.1811	.2435
ALPHA	.01071	.00261	4.11	.0024	.0190
N	1.43048	.11902	12.02	1.0517	1.8092

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.2100E+02	1.3222	.3210	.3174	.0036
2	.8200E+02	1.9138	.3000	.3029	-.0029
3	.3060E+03	2.4857	.2760	.2743	.0017
4	.1020E+04	3.0086	.2520	.2508	.0012
5	.3467E+04	3.5400	.2320	.2352	-.0032
6	.1520E+05	4.1817	.2260	.2244	.0016

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
TENTION DATA	.00004	.00004
COND/DIFF DATA	.00000	.00000
ALL DATA	.00004	.00004

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.2135	.3406E+07	6.532	.2102E-15	-15.677	.1408E-05	-5.851
.2147	.6807E+06	5.833	.2977E-13	-13.526	.1992E-04	-4.701
.2170	.1360E+06	5.134	.4217E-11	-11.375	.2820E-03	-3.550
.2218	.2718E+05	4.434	.5973E-09	-9.224	.3992E-02	-2.399
.2265	.1059E+05	4.025	.1083E-07	-7.965	.1882E-01	-1.725
.2312	.5422E+04	3.734	.8476E-07	-7.072	.5665E-01	-1.247
.2359	.3221E+04	3.508	.4185E-06	-6.378	.1334E+00	-.875
.2407	.2101E+04	3.322	.1546E-05	-5.811	.2692E+00	-.570
.2454	.1461E+04	3.165	.4676E-05	-5.330	.4891E+00	-.311
.2501	.1063E+04	3.027	.1224E-04	-4.912	.8239E+00	-.084
.2548	.8002E+03	2.903	.2868E-04	-4.542	.1312E+01	.118
.2596	.6179E+03	2.791	.6173E-04	-4.209	.2001E+01	.301
.2643	.4865E+03	2.687	.1241E-03	-3.906	.2953E+01	.470
.2690	.3887E+03	2.590	.2363E-03	-3.627	.4251E+01	.629
.2737	.3137E+03	2.497	.4303E-03	-3.366	.6006E+01	.779
.2785	.2549E+03	2.406	.7559E-03	-3.122	.8375E+01	.923
.2832	.2078E+03	2.318	.1290E-02	-2.889	.1159E+02	1.064
.879	.1692E+03	2.228	.2155E-02	-2.667	.1599E+02	1.204

.2926	.1370E+03	2.137	.3543E-02	-2.451	.2215E+02	1.345
.2974	.1097E+03	2.040	.5774E-02	-2.239	.3104E+02	1.492
.3021	.8588E+02	1.934	.9408E-02	-2.027	.4447E+02	1.648
.3068	.6467E+02	1.811	.1551E-01	-1.809	.6638E+02	1.822
.3115	.4510E+02	1.654	.2648E-01	-1.577	.1072E+03	2.030
.3163	.2585E+02	1.412	.4958E-01	-1.305	.2085E+03	2.319
.3186	.1538E+02	1.187	.7495E-01	-1.125	.3577E+03	2.553
.3210	.0000E+00		.2506E+00	-.601		

END OF PROBLEM
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*****************************************************************
*                                                               *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40397AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.3470	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0130	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	52.000	.3410	1.0000
2	204.000	.3240	1.0000
3	510.000	.3160	1.0000
4	1020.000	.3060	1.0000
5	5130.000	.2840	1.0000
6	14991.000	.2730	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.06358	.0600	.0400	1.2000
7	.00001	.1734	.0118	1.1078

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.8603	1.0000	
N	.9973	-.8919	1.0000

QUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99648612

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.17335	.08915	1.94	-.1104	.4571
ALPHA	.01178	.00388	3.04	-.0006	.0241
N	1.10784	.07883	14.05	.8570	1.3587

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.5200E+02	1.7160	.3410	.3394	.0016
2	.2040E+03	2.3096	.3240	.3265	-.0025
3	.5100E+03	2.7076	.3160	.3147	.0013
4	.1020E+04	3.0086	.3060	.3054	.0006
5	.5130E+04	3.7101	.2840	.2848	-.0008
6	.1499E+05	4.1758	.2730	.2727	.0003

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
TENTION DATA	.00001	.00001
OND/DIFF DATA	.00000	.00000
ALL DATA	.00001	.00001

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.1885	.5817E+12	11.765	.5833E-26	-26.234	.2084E-11	-11.681
.1960	.1355E+11	10.132	.2964E-22	-22.528	.1644E-09	-9.784
.2036	.9404E+09	8.973	.1263E-19	-19.899	.3646E-08	-8.438
.2111	.1188E+09	8.075	.1383E-17	-17.859	.4035E-07	-7.394
.2187	.2190E+08	7.340	.6417E-16	-16.193	.2877E-06	-6.541
.2262	.5244E+07	6.720	.1646E-14	-14.784	.1514E-05	-5.820
.2338	.1520E+07	6.182	.2734E-13	-13.563	.6380E-05	-5.195
.2413	.5099E+06	5.708	.3261E-12	-12.487	.2270E-04	-4.644
.2489	.1919E+06	5.283	.2995E-11	-11.524	.7062E-04	-4.151
.2564	.7929E+05	4.899	.2227E-10	-10.652	.1972E-03	-3.705
.2640	.3536E+05	4.548	.1391E-09	-9.857	.5040E-03	-3.298
.2715	.1681E+05	4.226	.7508E-09	-9.125	.1196E-02	-2.922
.2791	.8429E+04	3.926	.3582E-08	-8.446	.2665E-02	-2.574
.2866	.4420E+04	3.645	.1539E-07	-7.813	.5640E-02	-2.249
.2942	.2404E+04	3.381	.6050E-07	-7.218	.1144E-01	-1.942
.3017	.1344E+04	3.128	.2209E-06	-6.656	.2245E-01	-1.649
.3093	.7641E+03	2.883	.7611E-06	-6.119	.4316E-01	-1.365
3168	.4355E+03	2.639	.2520E-05	-5.599	.8256E-01	-1.083

.3244	.2428E+03	2.385	.8235E-05	-5.084	.1611E+00	-.793
.3319	.1258E+03	2.100	.2782E-04	-4.556	.3372E+00	-.472
.3395	.5183E+02	1.715	.1098E-03	-3.959	.8665E+00	-.062
.3432	.2458E+02	1.391	.2663E-03	-3.575	.1768E+01	.248
.3470	.0000E+00		.1296E-01	-1.887		

END OF PROBLEM

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*****************************************************************
*                                                               *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40398AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.4150	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0059	0

3ERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	82.000	.4070	1.0000
2	316.000	.3740	1.0000
3	826.000	.3520	1.0000
4	1632.000	.3340	1.0000
5	5609.000	.3080	1.0000
6	14685.000	.2910	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.07795	.0600	.0400	1.2000
10	.00002	.2424	.0056	1.2840

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.7504	1.0000	
N	.9815	-.8503	1.0000

)UARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99756222

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.24244	.02349	10.32	.1677	.3172
ALPHA	.00556	.00106	5.27	.0022	.0089
N	1.28399	.08052	15.95	1.0278	1.5402

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.8200E+02	1.9138	.4070	.4035	.0035
2	.3160E+03	2.4997	.3740	.3771	-.0031
3	.8260E+03	2.9170	.3520	.3511	.0009
4	.1632E+04	3.2127	.3340	.3335	.0005
5	.5609E+04	3.7489	.3080	.3072	.0008
6	.1469E+05	4.1669	.2910	.2918	-.0008

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
TENTION DATA	.00002	.00002
COND/DIFF DATA	.00000	.00000
ALL DATA	.00002	.00002

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.2443	.1478E+10	9.170	.5237E-22	-22.281	.1453E-09	-9.838
.2462	.1287E+09	8.110	.3905E-19	-19.408	.4718E-08	-8.326
.2499	.1121E+08	7.050	.2912E-16	-16.536	.1532E-06	-6.815
.2574	.9762E+06	5.990	.2172E-13	-13.663	.4976E-05	-5.303
.2650	.2341E+06	5.369	.1040E-11	-11.983	.3811E-04	-4.419
.2725	.8500E+05	4.929	.1620E-10	-10.790	.1616E-03	-3.791
.2800	.3872E+05	4.588	.1363E-09	-9.866	.4959E-03	-3.305
.2875	.2036E+05	4.309	.7772E-09	-9.109	.1240E-02	-2.906
.2950	.1181E+05	4.072	.3389E-08	-8.470	.2696E-02	-2.569
.3025	.7357E+04	3.867	.1216E-07	-7.915	.5292E-02	-2.276
.3100	.4837E+04	3.685	.3758E-07	-7.425	.9617E-02	-2.017
.3175	.3314E+04	3.520	.1034E-06	-6.985	.1647E-01	-1.783
.3250	.2346E+04	3.370	.2594E-06	-6.586	.2692E-01	-1.570
.3325	.1703E+04	3.231	.6033E-06	-6.219	.4242E-01	-1.372
.3400	.1260E+04	3.100	.1320E-05	-5.880	.6497E-01	-1.187
.3475	.9460E+03	2.976	.2745E-05	-5.561	.9739E-01	-1.012
.3550	.7167E+03	2.855	.5484E-05	-5.261	.1438E+00	-.842
.3625	.5454E+03	2.737	.1061E-04	-4.974	.2106E+00	-.677

3700	.4143E+03	2.617	.2006E-04	-4.698	.3080E+00	-.511
.3775	.3118E+03	2.494	.3738E-04	-4.427	.4537E+00	-.343
.3850	.2299E+03	2.362	.6944E-04	-4.158	.6818E+00	-.166
.3925	.1629E+03	2.212	.1306E-03	-3.884	.1066E+01	.028
.4000	.1062E+03	2.026	.2564E-03	-3.591	.1804E+01	.256
.4075	.5577E+02	1.746	.5662E-03	-3.247	.3700E+01	.568
.4112	.3094E+02	1.491	.9598E-03	-3.018	.6549E+01	.816
.4150	.0000E+00		.5875E-02	-2.231		

END OF PROBLEM

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*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40401AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3      METHOD= 3                                   *
*                                                               *
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.4240	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0003	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	82.000	.4070	1.0000
2	316.000	.3770	1.0000
3	826.000	.3670	1.0000
4	1632.000	.3620	1.0000
5	5609.000	.3470	1.0000
6	14685.000	.3310	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.10717	.0600	.0400	1.2000
7	.00008	.2779	.0214	1.1664

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.8367	1.0000	
N	.9917	-.8942	1.0000

QUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .97711140

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.27788	.07589	3.66	.0364	.5194
ALPHA	.02140	.01548	1.38	-.0278	.0707
N	1.16637	.15525	7.51	.6723	1.6604

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.8200E+02	1.9138	.4070	.4032	.0038
2	.3160E+03	2.4997	.3770	.3827	-.0057
3	.8260E+03	2.9170	.3670	.3680	-.0010
4	.1632E+04	3.2127	.3620	.3586	.0034
5	.5609E+04	3.7489	.3470	.3437	.0033
6	.1469E+05	4.1669	.3310	.3340	-.0030

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
TENTION DATA	.00008	.00008
ND/DIFF DATA	.00000	.00000
ALL DATA	.00008	.00008

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.2811	.4613E+12	11.664	.3694E-29	-29.432	.3224E-14	-14.492
.2842	.7154E+10	9.855	.8688E-25	-25.061	.5881E-12	-12.231
.2906	.1110E+09	8.045	.2043E-20	-20.690	.1072E-09	-9.970
.2969	.9698E+07	6.987	.7370E-18	-18.133	.2254E-08	-8.647
.3033	.1721E+07	6.236	.4806E-16	-16.318	.1956E-07	-7.709
.3096	.4500E+06	5.653	.1228E-14	-14.911	.1045E-06	-6.981
.3160	.1504E+06	5.177	.1733E-13	-13.761	.4111E-06	-6.386
.3224	.5954E+05	4.775	.1626E-12	-12.789	.1309E-05	-5.883
.3287	.2667E+05	4.426	.1131E-11	-11.947	.3569E-05	-5.447
.3351	.1313E+05	4.118	.6259E-11	-11.203	.8652E-05	-5.063
.3414	.6961E+04	3.843	.2894E-10	-10.538	.1912E-04	-4.719
.3478	.3916E+04	3.593	.1158E-09	-9.936	.3922E-04	-4.406
.3541	.2312E+04	3.364	.4113E-09	-9.386	.7576E-04	-4.121
.3605	.1419E+04	3.152	.1324E-08	-8.878	.1393E-03	-3.856
.3668	.8991E+03	2.954	.3927E-08	-8.406	.2462E-03	-3.609
.3732	.5838E+03	2.766	.1088E-07	-7.963	.4216E-03	-3.375
.3795	.3858E+03	2.586	.2850E-07	-7.545	.7056E-03	-3.151
.3859	.2576E+03	2.411	.7145E-07	-7.146	.1164E-02	-2.934

3922	.1721E+03	2.236	.1736E-06	-6.760	.1914E-02	-2.718
3986	.1135E+03	2.055	.4152E-06	-6.382	.3181E-02	-2.497
.4049	.7230E+02	1.859	.9983E-06	-6.001	.5466E-02	-2.262
.4113	.4237E+02	1.627	.2509E-05	-5.600	.1016E-01	-1.993
.4176	.1972E+02	1.295	.7293E-05	-5.137	.2310E-01	-1.636
.4208	.1005E+02	1.002	.1476E-04	-4.831	.4369E-01	-1.360
.4240	.0000E+00		.2540E-03	-3.595		

END OF PROBLEM

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                                                            *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                 *
*                                                           *
*OU4 RFI LAB VZ SAMPLE BH40402AE                            *
*                                                           *
*     MUALEM-BASED RESTRICTION, M=1-1/N                     *
*     ANALYSIS OF RETENTION DATA ONLY                       *
*     MTYPE= 3     METHOD= 3                                *
*                                                           *
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.4640	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0014	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	55.000	.4580	1.0000
2	206.000	.4480	1.0000
3	510.000	.4360	1.0000
4	1020.000	.4180	1.0000
5	5130.000	.3860	1.0000
6	14991.000	.3590	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.14261	.0600	.0400	1.2000
13	.00002	.0010	.0040	1.0619

WCR IS LESS THEN 0.001: CHANGED TO FIT WITH WCR=0.0

NIT	SSQ	ALPHA	N
0	.20514	.0400	1.2000
17	.00002	.0040	1.0618

RELATION MATRIX

	ALPHA	N
ALPHA	1.0000	
N	-.9266	1.0000

RSQUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99798476

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
ALPHA	.00401	.00047	8.59	.0027	.0053
N	1.06176	.00250	424.01	1.0548	1.0687

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.5500E+02	1.7404	.4580	.4591	-.0011
2	.2060E+03	2.3139	.4480	.4482	-.0002
3	.5100E+03	2.7076	.4360	.4341	.0019
4	.1020E+04	3.0086	.4180	.4203	-.0023
5	.5130E+04	3.7101	.3860	.3840	.0020
	.1499E+05	4.1758	.3590	.3600	-.0010

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00002	.00002
COND/DIFF DATA	.00000	.00000
ALL DATA	.00002	.00002

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0807	.4979E+15	14.697	.1476E-31	-31.831	.1475E-14	-14.831
.1009	.1343E+14	13.128	.3546E-28	-28.450	.7644E-13	-13.117
.1210	.7012E+12	11.846	.2051E-25	-25.688	.1924E-11	-11.716
.1412	.5779E+11	10.762	.4440E-23	-23.353	.2942E-10	-10.531
.1614	.6650E+10	9.823	.4682E-21	-21.330	.3124E-09	-9.505
.1816	.9875E+09	8.995	.2850E-19	-19.545	.2510E-08	-8.600
.2017	.1793E+09	8.254	.1125E-17	-17.949	.1619E-07	-7.791
.2219	.3831E+08	7.583	.3126E-16	-16.505	.8741E-07	-7.058
.2421	.9364E+07	6.971	.6506E-15	-15.187	.4075E-06	-6.390
.2623	.2562E+07	6.409	.1062E-13	-13.974	.1679E-05	-5.775
.2824	.7716E+06	5.887	.1409E-12	-12.851	.6232E-05	-5.205
.1026	.2524E+06	5.402	.1564E-11	-11.806	.2113E-04	-4.675

.3228	.8864E+05	4.948	.1488E-10	-10.827	.6629E-04	-4.179
3430	.3310E+05	4.520	.1237E-09	-9.908	.1944E-03	-3.711
.3631	.1300E+05	4.114	.9168E-09	-9.038	.5396E-03	-3.268
.3833	.5301E+04	3.724	.6178E-08	-8.209	.1437E-02	-2.842
.4035	.2190E+04	3.340	.3898E-07	-7.409	.3767E-02	-2.424
.4237	.8711E+03	2.940	.2430E-06	-6.614	.1023E-01	-1.990
.4438	.2835E+03	2.453	.1732E-05	-5.761	.3354E-01	-1.474
.4539	.1197E+03	2.078	.5782E-05	-5.238	.7845E-01	-1.105
.4640	.0000E+00		.1382E-02	-2.859		

END OF PROBLEM
==========

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*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40403AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.3700	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0950	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	22.000	.3680	1.0000
2	83.000	.3460	1.0000
3	306.000	.3250	1.0000
4	1020.000	.2980	1.0000
5	3467.000	.2690	1.0000
6	15195.000	.2410	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.03553	.0600	.0400	1.2000
12	.00003	.0578	.0132	1.1007

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.8127	1.0000	
N	.9969	-.8522	1.0000

QUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99719289

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.05780	.15702	.37	-.4419	.5575
ALPHA	.01321	.00411	3.21	.0001	.0263
N	1.10065	.07051	15.61	.8763	1.3250

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.2200E+02	1.3424	.3680	.3635	.0045
2	.8300E+02	1.9191	.3460	.3494	-.0034
3	.3060E+03	2.4857	.3250	.3243	.0007
4	.1020E+04	3.0086	.2980	.2969	.0011
5	.3467E+04	3.5400	.2690	.2700	-.0010
6	.1520E+05	4.1817	.2410	.2408	.0002

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00003	.00003
COND/DIFF DATA	.00000	.00000
ALL DATA	.00003	.00003

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0849	.2612E+13	12.417	.1488E-26	-26.827	.1422E-11	-11.847
.0985	.4651E+11	10.668	.1293E-22	-22.888	.1467E-09	-9.833
.1121	.2669E+10	9.426	.8064E-20	-20.093	.3937E-08	-8.405
.1257	.2907E+09	8.463	.1187E-17	-17.926	.5051E-07	-7.297
.1392	.4751E+08	7.677	.7010E-16	-16.154	.4063E-06	-6.391
.1528	.1027E+08	7.012	.2204E-14	-14.657	.2368E-05	-5.626
.1664	.2726E+07	6.436	.4371E-13	-13.359	.1090E-04	-4.963
.1800	.8459E+06	5.927	.6093E-12	-12.215	.4192E-04	-4.378
.1935	.2970E+06	5.473	.6434E-11	-11.192	.1399E-03	-3.854
.2071	.1152E+06	5.061	.5426E-10	-10.265	.4160E-03	-3.381
.2207	.4850E+05	4.686	.3802E-09	-9.420	.1126E-02	-2.949
.2343	.2188E+05	4.340	.2281E-08	-8.642	.2815E-02	-2.551
.2478	.1045E+05	4.019	.1200E-07	-7.921	.6585E-02	-2.181
.2614	.5243E+04	3.720	.5640E-07	-7.249	.1457E-01	-1.837
.2750	.2737E+04	3.437	.2411E-06	-6.618	.3076E-01	-1.512
.2886	.1474E+04	3.168	.9512E-06	-6.022	.6266E-01	-1.203
.3021	.8102E+03	2.909	.3521E-05	-5.453	.1245E+00	-.905
.3157	.4479E+03	2.651	.1246E-04	-4.904	.2454E+00	-.610

3293	.2430E+03	2.386	.4333E-04	-4.363	.4920E+00	-.308
3429	.1228E+03	2.089	.1552E-03	-3.809	.1055E+01	.023
.3564	.4945E+02	1.694	.6496E-03	-3.187	.2776E+01	.443
.3632	.2316E+02	1.365	.1629E-02	-2.788	.5745E+01	.759
.3700	.0000E+00		.9504E-01	-1.022		

END OF PROBLEM
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*****************************************************************
*                                                               *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40404AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.5120	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0005	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	82.000	.5050	1.0000
2	316.000	.4790	1.0000
3	826.000	.4510	1.0000
4	1632.000	.4300	1.0000
5	5609.000	.3810	1.0000
6	14685.000	.3460	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.14439	.0600	.0400	1.2000
5	.00268	.0001	.0277	1.0490

WCR IS LESS THEN 0.001: CHANGED TO FIT WITH WCR=0.0

NIT	SSQ	ALPHA	N
0	.20990	.0400	1.2000
18	.00002	.0031	1.1020

RELATION MATRIX

	ALPHA	N
ALPHA	1.0000	
N	-.9318	1.0000

RSQUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99918504

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
ALPHA	.00310	.00022	14.21	.0025	.0037
N	1.10203	.00274	401.65	1.0944	1.1097

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.8200E+02	1.9138	.5050	.5026	.0024
2	.3160E+03	2.4997	.4790	.4807	-.0017
3	.8260E+03	2.9170	.4510	.4523	-.0013
4	.1632E+04	3.2127	.4300	.4278	.0022
5	.5609E+04	3.7489	.3810	.3811	-.0001
	.1469E+05	4.1669	.3460	.3464	-.0004

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00002	.00002
COND/DIFF DATA	.00000	.00000
ALL DATA	.00002	.00002

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0445	.8029E+13	12.905	.1417E-28	-28.849	.2504E-13	-13.601
.0668	.1510E+12	11.179	.1104E-24	-24.957	.2447E-11	-11.611
.0890	.9003E+10	9.954	.6374E-22	-22.196	.6316E-10	-10.200
.1113	.1011E+10	9.005	.8836E-20	-20.054	.7863E-09	-9.104
.1336	.1693E+09	8.229	.4969E-18	-18.304	.6171E-08	-8.210
.1558	.3736E+08	7.572	.1499E-16	-16.824	.3523E-07	-7.453
.1781	.1009E+08	7.004	.2868E-15	-15.542	.1593E-06	-6.798
.2003	.3183E+07	6.503	.3873E-14	-14.412	.6030E-06	-6.220
.2226	.1133E+07	6.054	.3976E-13	-13.401	.1984E-05	-5.703
.2449	.4452E+06	5.649	.3268E-12	-12.486	.5825E-05	-5.235
.2671	.1897E+06	5.278	.2237E-11	-11.650	.1558E-04	-4.807
.2894	.8646E+05	4.937	.1314E-10	-10.882	.3854E-04	-4.414

3117	.4172E+05	4.620	.6774E-10	-10.169	.8929E-04	-4.049
3339	.2112E+05	4.325	.3127E-09	-9.505	.1957E-03	-3.708
.3562	.1112E+05	4.046	.1314E-08	-8.881	.4100E-03	-3.387
.3784	.6032E+04	3.780	.5103E-08	-8.292	.8289E-03	-3.082
.4007	.3339E+04	3.524	.1862E-07	-7.730	.1636E-02	-2.786
.4230	.1857E+04	3.269	.6501E-07	-7.187	.3205E-02	-2.494
.4452	.1013E+04	3.006	.2232E-06	-6.651	.6389E-02	-2.195
.4675	.5147E+03	2.712	.7902E-06	-6.102	.1363E-01	-1.866
.4897	.2082E+03	2.318	.3267E-05	-5.486	.3570E-01	-1.447
.5009	.9776E+02	1.990	.8139E-05	-5.089	.7368E-01	-1.133
.5120	.0000E+00		.4580E-03	-3.339		

END OF PROBLEM

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*****************************************************************
*                                                               *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40405AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.2540	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	6134.4000	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	6.000	.2440	1.0000
2	10.000	.1620	1.0000
3	51.000	.0430	1.0000
4	213.000	.0220	1.0000
5	1020.000	.0180	1.0000
6	15603.000	.0160	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.09178	.0600	.0400	1.2000
5	.00532	.0000	.2335	1.4460

WCR IS LESS THEN 0.001: CHANGED TO FIT WITH WCR=0.0

NIT	SSQ	ALPHA	N
0	.06702	.0400	1.2000
15	.00160	.0979	2.0894

RRELATION MATRIX

	ALPHA	N
ALPHA	1.0000	
N	-.6139	1.0000

RSQUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .97633955

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

				95% CONFIDENCE LIMITS	
VARIABLE	VALUE	S.E.COEFF.	T-VALUE	LOWER	UPPER
ALPHA	.09787	.02040	4.80	.0412	.1545
N	2.08939	.32033	6.52	1.2000	2.9787

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.6000E+01	.7782	.2440	.2190	.0250
2	.1000E+02	1.0000	.1620	.1790	-.0170
3	.5100E+02	1.7076	.0430	.0433	-.0003
4	.2130E+03	2.3284	.0220	.0093	.0127
5	.1020E+04	3.0086	.0180	.0017	.0163
	.1560E+05	4.1932	.0160	.0001	.0159

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00160	.00160
COND/DIFF DATA	.00000	.00000
ALL DATA	.00160	.00160

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0028	.6486E+03	2.812	.5097E-05	-5.293	.1099E+01	.041
.0055	.3432E+03	2.536	.1030E-03	-3.987	.5878E+01	.769
.0110	.1815E+03	2.259	.2081E-02	-2.682	.3147E+02	1.498
.0221	.9574E+02	1.981	.4216E-01	-1.375	.1693E+03	2.229
.0331	.6564E+02	1.817	.2459E+00	-.609	.4564E+03	2.659
.0442	.5004E+02	1.699	.8622E+00	-.064	.9289E+03	2.968
.0552	.4039E+02	1.606	.2290E+01	.360	.1625E+04	3.211
.0663	.3378E+02	1.529	.5105E+01	.708	.2585E+04	3.413
.0773	.2892E+02	1.461	.1010E+02	1.004	.3861E+04	3.587
.0883	.2517E+02	1.401	.1830E+02	1.262	.5513E+04	3.741
.0994	.2217E+02	1.346	.3105E+02	1.492	.7617E+04	3.882
.1104	.1970E+02	1.294	.5004E+02	1.699	.1027E+05	4.012

.1215	.1760E+02	1.246	.7744E+02	1.889	.1361E+05	4.134
.1325	.1579E+02	1.198	.1160E+03	2.064	.1779E+05	4.250
.1436	.1419E+02	1.152	.1691E+03	2.228	.2307E+05	4.363
.1546	.1276E+02	1.106	.2412E+03	2.382	.2976E+05	4.474
.1657	.1146E+02	1.059	.3381E+03	2.529	.3836E+05	4.584
.1767	.1025E+02	1.011	.4674E+03	2.670	.4962E+05	4.696
.1877	.9103E+01	.959	.6396E+03	2.806	.6471E+05	4.811
.1988	.8003E+01	.903	.8695E+03	2.939	.8567E+05	4.933
.2098	.6917E+01	.840	.1179E+04	3.072	.1163E+06	5.066
.2209	.5810E+01	.764	.1606E+04	3.206	.1649E+06	5.217
.2319	.4622E+01	.665	.2219E+04	3.346	.2535E+06	5.404
.2430	.3210E+01	.507	.3189E+04	3.504	.4732E+06	5.675
.2485	.2268E+01	.356	.3983E+04	3.600	.8083E+06	5.908
.2540	.0000E+00		.6134E+04	3.788		

END OF PROBLEM
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*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40406AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.3820	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0004	0

ERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	82.000	.3770	1.0000
2	316.000	.3480	1.0000
3	826.000	.3320	1.0000
4	1632.000	.3210	1.0000
5	5609.000	.3000	1.0000
6	14685.000	.2780	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.07530	.0600	.0400	1.2000
12	.00007	.1656	.0069	1.1371

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.8283	1.0000	
N	.9959	-.8715	1.0000

UARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .98897786

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.16561	.16725	.99	-.3666	.6979
ALPHA	.00689	.00367	1.88	-.0048	.0186
N	1.13710	.15772	7.21	.6352	1.6390

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.8200E+02	1.9138	.3770	.3713	.0057
2	.3160E+03	2.4997	.3480	.3522	-.0042
3	.8260E+03	2.9170	.3320	.3334	-.0014
4	.1632E+04	3.2127	.3210	.3197	.0013
5	.5609E+04	3.7489	.3000	.2965	.0035
6	.1469E+05	4.1669	.2780	.2804	-.0024

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00007	.00007
WND/DIFF DATA	.00000	.00000
ALL DATA	.00007	.00007

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.1750	.1242E+13	12.094	.3445E-28	-28.463	.3318E-13	-13.479
.1844	.7915E+10	9.898	.4800E-23	-23.319	.1473E-10	-10.832
.1938	.4112E+09	8.614	.4902E-20	-20.310	.5209E-09	-9.283
.2032	.5043E+08	7.703	.6689E-18	-18.175	.6538E-08	-8.185
.2127	.9904E+07	6.996	.3030E-16	-16.519	.4653E-07	-7.332
.2221	.2620E+07	6.418	.6831E-15	-15.165	.2312E-06	-6.636
.2315	.8509E+06	5.930	.9518E-14	-14.021	.8971E-06	-6.047
.2409	.3213E+06	5.507	.9323E-13	-13.030	.2903E-05	-5.537
.2503	.1360E+06	5.134	.6979E-12	-12.156	.8181E-05	-5.087
.2597	.6304E+05	4.800	.4226E-11	-11.374	.2068E-04	-4.685
.2691	.3142E+05	4.497	.2156E-10	-10.666	.4786E-04	-4.320
.2785	.1662E+05	4.221	.9558E-10	-10.020	.1031E-03	-3.987
.2879	.9237E+04	3.966	.3767E-09	-9.424	.2094E-03	-3.679
.2973	.5344E+04	3.728	.1346E-08	-8.871	.4048E-03	-3.393
.3067	.3194E+04	3.504	.4424E-08	-8.354	.7522E-03	-3.124
.3161	.1958E+04	3.292	.1358E-07	-7.867	.1355E-02	-2.868
.3256	.1221E+04	3.087	.3942E-07	-7.404	.2390E-02	-2.622
.3350	.7663E+03	2.884	.1098E-06	-6.959	.4171E-02	-2.380

.3444	.4777E+03	2.679	.2984E-06	-6.525	.7315E-02	-2.136
3538	.2887E+03	2.460	.8099E-06	-6.092	.1321E-01	-1.879
.3632	.1611E+03	2.207	.2291E-05	-5.640	.2572E-01	-1.590
.3726	.7128E+02	1.853	.7543E-05	-5.122	.6145E-01	-1.211
.3773	.3522E+02	1.547	.1647E-04	-4.783	.1199E+00	-.921
.3820	.0000E+00		.4410E-03	-3.356		

END OF PROBLEM

```
*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40407AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.4380	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.1037	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	21.000	.4260	1.0000
2	85.000	.4110	1.0000
3	306.000	.3890	1.0000
4	1020.000	.3620	1.0000
5	3467.000	.3230	1.0000
6	15195.000	.2740	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.05693	.0600	.0400	1.2000
5	.01871	.0004	.0525	1.0209

WCR IS LESS THEN 0.001: CHANGED TO FIT WITH WCR=0.0

NIT	SSQ	ALPHA	N
0	.09544	.0400	1.2000
10	.00018	.0091	1.0910

RRELATION MATRIX

	ALPHA	N
ALPHA	1.0000	
N	-.9173	1.0000

RSQUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99090522

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
ALPHA	.00911	.00267	3.41	.0017	.0165
N	1.09098	.00845	129.09	1.0675	1.1144

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.2100E+02	1.3222	.4260	.4325	-.0065
2	.8500E+02	1.9294	.4110	.4179	-.0069
3	.3060E+03	2.4857	.3890	.3897	-.0007
4	.1020E+04	3.0086	.3620	.3551	.0069
5	.3467E+04	3.5400	.3230	.3193	.0037
	.1520E+05	4.1817	.2740	.2796	-.0056

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00018	.00018
COND/DIFF DATA	.00000	.00000
ALL DATA	.00018	.00018

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0381	.5004E+14	13.699	.7740E-29	-29.111	.1118E-12	-12.952
.0571	.5805E+12	11.764	.1585E-24	-24.800	.1770E-10	-10.752
.0762	.2458E+11	10.391	.1815E-21	-21.741	.6437E-09	-9.191
.0952	.2115E+10	9.325	.4281E-19	-19.368	.1045E-07	-7.981
.1143	.2851E+09	8.455	.3717E-17	-17.430	.1019E-06	-6.992
.1333	.5238E+08	7.719	.1619E-15	-15.791	.6992E-06	-6.155
.1523	.1207E+08	7.082	.4257E-14	-14.371	.3707E-05	-5.431
.1714	.3307E+07	6.519	.7611E-13	-13.119	.1614E-04	-4.792
.1904	.1039E+07	6.017	.1004E-11	-11.998	.6020E-04	-4.220
.2095	.3643E+06	5.561	.1036E-10	-10.985	.1980E-03	-3.703
.2285	.1400E+06	5.146	.8719E-10	-10.060	.5873E-03	-3.231
.2476	.5803E+05	4.764	.6192E-09	-9.208	.1597E-02	-2.797

.2666	.2566E+05	4.409	.3806E-08	-8.420	.4037E-02	-2.394
2857	.1198E+05	4.079	.2067E-07	-7.685	.9589E-02	-2.018
.3047	.5858E+04	3.768	.1010E-06	-6.996	.2163E-01	-1.665
.3237	.2970E+04	3.473	.4514E-06	-6.345	.4677E-01	-1.330
.3428	.1545E+04	3.189	.1875E-05	-5.727	.9813E-01	-1.008
.3618	.8131E+03	2.910	.7388E-05	-5.131	.2030E+00	-.692
.3809	.4219E+03	2.625	.2837E-04	-4.547	.4249E+00	-.372
.3999	.2051E+03	2.312	.1116E-03	-3.952	.9470E+00	-.024
.4190	.7960E+02	1.901	.5120E-03	-3.291	.2588E+01	.413
.4285	.3659E+02	1.563	.1352E-02	-2.869	.5476E+01	.738
.4380	.0000E+00		.1037E+00	-.984		

END OF PROBLEM
==========

```
*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40408AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.4490	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0112	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	52.000	.4330	1.0000
2	204.000	.4160	1.0000
3	510.000	.4020	1.0000
4	1020.000	.3840	1.0000
5	5130.000	.3400	1.0000
6	14991.000	.3080	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.09097	.0600	.0400	1.2000
5	.00116	.0000	.0453	1.0462

WCR IS LESS THEN 0.001: CHANGED TO FIT WITH WCR=0.0

NIT	SSQ	ALPHA	N
0	.14175	.0400	1.2000
18	.00009	.0073	1.0780

RRELATION MATRIX

	ALPHA	N
ALPHA	1.0000	
N	-.9183	1.0000

RSQUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99350441

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
ALPHA	.00730	.00156	4.69	.0030	.0116
N	1.07797	.00542	198.72	1.0629	1.0930

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.5200E+02	1.7160	.4330	.4393	-.0063
2	.2040E+03	2.3096	.4160	.4198	-.0038
3	.5100E+03	2.7076	.4020	.3990	.0030
4	.1020E+04	3.0086	.3840	.3809	.0031
5	.5130E+04	3.7101	.3400	.3380	.0020
	.1499E+05	4.1758	.3080	.3112	-.0032

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00009	.00009
COND/DIFF DATA	.00000	.00000
ALL DATA	.00009	.00009

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0586	.3033E+14	13.482	.7370E-29	-29.133	.4896E-13	-13.310
.0781	.7578E+12	11.880	.2424E-25	-25.615	.3017E-11	-11.520
.0976	.4332E+11	10.637	.1296E-22	-22.887	.7376E-10	-10.132
.1171	.4180E+10	9.621	.2195E-20	-20.659	.1005E-08	-8.998
.1367	.5789E+09	8.763	.1683E-18	-18.774	.9143E-08	-8.039
.1562	.1044E+09	8.019	.7219E-17	-17.142	.6192E-07	-7.208
.1757	.2306E+08	7.363	.1988E-15	-15.702	.3346E-06	-6.475
.1952	.5970E+07	6.776	.3859E-14	-14.413	.1514E-05	-5.820
.2147	.1758E+07	6.245	.5646E-13	-13.248	.5929E-05	-5.227
.2343	.5760E+06	5.760	.6539E-12	-12.184	.2062E-04	-4.686
.2538	.2063E+06	5.315	.6225E-11	-11.206	.6493E-04	-4.188
2733	.7971E+05	4.901	.5017E-10	-10.300	.1878E-03	-3.726

.2928	.3285E+05	4.517	.3504E-09	-9.455	.5055E-03	-3.296
3123	.1431E+05	4.155	.2163E-08	-8.665	.1279E-02	-2.893
.3319	.6521E+04	3.814	.1202E-07	-7.920	.3075E-02	-2.512
.3514	.3078E+04	3.488	.6112E-07	-7.214	.7107E-02	-2.148
.3709	.1483E+04	3.171	.2904E-06	-6.537	.1604E-01	-1.795
.3904	.7116E+03	2.852	.1326E-05	-5.877	.3625E-01	-1.441
.4100	.3227E+03	2.509	.6133E-05	-5.212	.8651E-01	-1.063
.4295	.1177E+03	2.071	.3293E-04	-4.482	.2521E+00	-.598
.4392	.5244E+02	1.720	.9470E-04	-4.024	.5534E+00	-.257
.4490	.0000E+00		.1123E-01	-1.950		

END OF PROBLEM
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*****************************************************************
                                                                *
    ANALYSIS OF SOIL HYDRAULIC PROPERTIES                       *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40600AE                                *
*                                                               *
*    MUALEM-BASED RESTRICTION, M=1-1/N                          *
*    ANALYSIS OF RETENTION DATA ONLY                            *
*    MTYPE= 3     METHOD= 3                                     *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.2440	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	172.8000	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	9.000	.1480	1.0000
2	41.000	.1110	1.0000
3	121.000	.0920	1.0000
4	357.000	.0790	1.0000
5	1030.000	.0690	1.0000
6	14685.000	.0530	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.04577	.0600	.0400	1.2000
7	.00000	.0394	1.0300	1.2794

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.7752	1.0000	
N	.9375	-.9300	1.0000

QUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99988575

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.03937	.00110	35.68	.0359	.0429
ALPHA	1.02996	.04943	20.84	.8727	1.1873
N	1.27942	.00637	200.91	1.2592	1.2997

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.9000E+01	.9542	.1480	.1479	.0001
2	.4100E+02	1.6128	.1110	.1111	-.0001
3	.1210E+03	2.0828	.0920	.0925	-.0005
4	.3570E+03	2.5527	.0790	.0786	.0004
5	.1030E+04	3.0128	.0690	.0686	.0004
6	.1469E+05	4.1669	.0530	.0533	-.0003

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
TENTION DATA	.00000	.00000
ND/DIFF DATA	.00000	.00000
ALL DATA	.00000	.00000

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0416	.1036E+08	7.015	.8920E-18	-18.050	.1487E-07	-7.828
.0438	.8668E+06	5.938	.7205E-15	-15.142	.5025E-06	-6.299
.0483	.7254E+05	4.861	.5819E-12	-12.235	.1698E-04	-4.770
.0572	.6071E+04	3.783	.4700E-09	-9.328	.5740E-03	-3.241
.0661	.1422E+04	3.153	.2359E-07	-7.627	.4500E-02	-2.347
.0750	.5079E+03	2.706	.3798E-06	-6.420	.1940E-01	-1.712
.0839	.2284E+03	2.359	.3278E-05	-5.484	.6030E-01	-1.220
.0928	.1188E+03	2.075	.1909E-04	-4.719	.1524E+00	-.817
.1017	.6834E+02	1.835	.8473E-04	-4.072	.3342E+00	-.476
.1105	.4225E+02	1.626	.3086E-03	-3.511	.6608E+00	-.180
.1194	.2760E+02	1.441	.9667E-03	-3.015	.1209E+01	.082
.1283	.1880E+02	1.274	.2692E-02	-2.570	.2082E+01	.319
.1372	.1324E+02	1.122	.6825E-02	-2.166	.3421E+01	.534
.1461	.9564E+01	.981	.1603E-01	-1.795	.5414E+01	.734
.1550	.7049E+01	.848	.3537E-01	-1.451	.8326E+01	.920
.1639	.5271E+01	.722	.7419E-01	-1.130	.1253E+02	1.098
.1728	.3980E+01	.600	.1493E+00	-.826	.1856E+02	1.269
1817	.3018E+01	.480	.2910E+00	-.536	.2725E+02	1.435

.1906	.2286E+01	.359	.5536E+00	-.257	.3996E+02	1.602
1995	.1716E+01	.234	.1038E+01	.016	.5902E+02	1.771
.2084	.1262E+01	.101	.1940E+01	.288	.8889E+02	1.949
.2173	.8913E+00	-.050	.3672E+01	.565	.1393E+03	2.144
.2262	.5795E+00	-.237	.7251E+01	.860	.2363E+03	2.373
.2351	.3034E+00	-.518	.1613E+02	1.208	.4858E+03	2.686
.2396	.1679E+00	-.775	.2747E+02	1.439	.8612E+03	2.935
.2440	.0000E+00		.1728E+03	2.238		

END OF PROBLEM
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*****************************************************************
                                                                *
     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                      *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40601AE                                *
*                                                               *
*    MUALEM-BASED RESTRICTION, M=1-1/N                          *
*    ANALYSIS OF RETENTION DATA ONLY                            *
*    MTYPE= 3     METHOD= 3                                     *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.3500	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	1.0368	0

`SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	21.000	.3290	1.0000
2	82.000	.3080	1.0000
3	306.000	.2830	1.0000
4	1020.000	.2590	1.0000
5	3467.000	.2250	1.0000
6	15195.000	.1860	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.01221	.0600	.0400	1.2000
12	.00020	.0009	.0288	1.0983

WCR IS LESS THEN 0.001: CHANGED TO FIT WITH WCR=0.0

NIT	SSQ	ALPHA	N
0	.03258	.0400	1.2000
8	.00019	.0299	1.0970

CORRELATION MATRIX

	ALPHA	N
A	1.0000	
N	-.9058	1.0000

RSQUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .98697681

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
ALPHA	.02987	.00958	3.12	.0033	.0565
N	1.09701	.00854	128.52	1.0733	1.1207

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.2100E+02	1.3222	.3290	.3358	-.0068
2	.8200E+02	1.9138	.3080	.3120	-.0040
3	.3060E+03	2.4857	.2830	.2803	.0027
4	.1020E+04	3.0086	.2590	.2507	.0083
5	.3467E+04	3.5400	.2250	.2230	.0020
	.1520E+05	4.1817	.1860	.1933	-.0073

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00019	.00019
COND/DIFF DATA	.00000	.00000
ALL DATA	.00019	.00019

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0304	.2873E+13	12.458	.2456E-26	-26.610	.2389E-11	-11.622
.0457	.4397E+11	10.643	.2888E-22	-22.539	.2867E-09	-9.543
.0609	.2266E+10	9.355	.2232E-19	-19.651	.8565E-08	-8.067
.0761	.2272E+09	8.356	.3880E-17	-17.411	.1194E-06	-6.923
.0913	.3469E+08	7.540	.2625E-15	-15.581	.1028E-05	-5.988
.1065	.7081E+07	6.850	.9261E-14	-14.033	.6346E-05	-5.197
.1217	.1788E+07	6.252	.2029E-12	-12.693	.3071E-04	-4.513
.1370	.5309E+06	5.725	.3088E-11	-11.510	.1234E-03	-3.909
.1522	.1792E+06	5.253	.3527E-10	-10.453	.4282E-03	-3.368
.1674	.6708E+05	4.827	.3193E-09	-9.496	.1320E-02	-2.880
.1826	.2735E+05	4.437	.2387E-08	-8.622	.3688E-02	-2.433
1978	.1197E+05	4.078	.1520E-07	-7.818	.9499E-02	-2.022

.2130	.5568E+04	3.746	.8446E-07	-7.073	.2284E-01	-1.641
2283	.2723E+04	3.435	.4178E-06	-6.379	.5180E-01	-1.286
.2435	.1389E+04	3.143	.1872E-05	-5.728	.1119E+00	-.951
.2587	.7324E+03	2.865	.7718E-05	-5.113	.2329E+00	-.633
.2739	.3949E+03	2.597	.2976E-04	-4.526	.4717E+00	-.326
.2891	.2146E+03	2.332	.1094E-03	-3.961	.9456E+00	-.024
.3043	.1146E+03	2.059	.3938E-03	-3.405	.1924E+01	.284
.3196	.5713E+02	1.757	.1458E-02	-2.836	.4182E+01	.621
.3348	.2270E+02	1.356	.6304E-02	-2.200	.1115E+02	1.047
.3424	.1056E+02	1.024	.1610E-01	-1.793	.2327E+02	1.367
.3500	.0000E+00		.1037E+01	.016		

END OF PROBLEM
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*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40602AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.3160	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.4925	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	19.000	.2740	1.0000
2	79.000	.2510	1.0000
3	204.000	.2350	1.0000
4	510.000	.2190	1.0000
5	1020.000	.2000	1.0000
6	5130.000	.1570	1.0000
7	14991.000	.1490	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.00161	.0600	.0400	1.2000
14	.00030	.0009	.1115	1.1011

WCR IS LESS THEN 0.001: CHANGED TO FIT WITH WCR=0.0

NIT	SSQ	ALPHA	N
0	.01192	.0400	1.2000
6	.00030	.1161	1.0997

CORRELATION MATRIX

	ALPHA	N
ALPHA	1.0000	
N	-.9109	1.0000

RSQUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .97706145

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
ALPHA	.11605	.04188	2.77	.0084	.2237
N	1.09973	.00851	129.23	1.0779	1.1216

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.1900E+02	1.2788	.2740	.2829	-.0089
2	.7900E+02	1.8976	.2510	.2514	-.0004
3	.2040E+03	2.3096	.2350	.2298	.0052
4	.5100E+03	2.7076	.2190	.2101	.0089
	.1020E+04	3.0086	.2000	.1962	.0038
6	.5130E+04	3.7101	.1570	.1671	-.0101
7	.1499E+05	4.1758	.1490	.1501	-.0011

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00030	.00030
COND/DIFF DATA	.00000	.00000
ALL DATA	.00030	.00030

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0275	.3725E+12	11.571	.4833E-26	-26.316	.6569E-12	-12.183
.0412	.6389E+10	9.805	.4527E-22	-22.344	.7036E-10	-10.153
.0550	.3570E+09	8.553	.2977E-19	-19.526	.1939E-08	-8.712
.0687	.3810E+08	7.581	.4565E-17	-17.341	.2539E-07	-7.595
.0824	.6123E+07	6.787	.2788E-15	-15.555	.2077E-06	-6.683
.0962	.1305E+07	6.116	.9021E-14	-14.045	.1228E-05	-5.911
.1099	.3421E+06	5.534	.1833E-12	-12.737	.5722E-05	-5.242
.1237	.1050E+06	5.021	.2612E-11	-11.583	.2224E-04	-4.653
.1374	.3651E+05	4.562	.2812E-10	-10.551	.7493E-04	-4.125
.1511	.1404E+05	4.147	.2414E-09	-9.617	.2248E-03	-3.648

.1649	.5864E+04	3.768	.1718E-08	-8.765	.6133E-03	-3.212
.1786	.2625E+04	3.419	.1046E-07	-7.980	.1545E-02	-2.811
.1923	.1246E+04	3.096	.5577E-07	-7.254	.3638E-02	-2.439
.2061	.6211E+03	2.793	.2655E-06	-6.576	.8098E-02	-2.092
.2198	.3224E+03	2.508	.1148E-05	-5.940	.1720E-01	-1.764
.2336	.1727E+03	2.237	.4580E-05	-5.339	.3522E-01	-1.453
.2473	.9449E+02	1.975	.1713E-04	-4.766	.7033E-01	-1.153
.2610	.5201E+02	1.716	.6119E-04	-4.213	.1392E+00	-.856
.2748	.2811E+02	1.449	.2146E-03	-3.668	.2800E+00	-.553
.2885	.1416E+02	1.151	.7750E-03	-3.111	.6023E+00	-.220
.3023	.5682E+01	.755	.3269E-02	-2.486	.1590E+01	.201
.3091	.2657E+01	.424	.8236E-02	-2.084	.3298E+01	.518
.3160	.0000E+00		.4925E+00	-.308		

END OF PROBLEM
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*****************************************************************
*                                                               *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40603AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.4320	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0086	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	53.000	.4270	1.0000
2	204.000	.4070	1.0000
3	510.000	.3910	1.0000
4	1020.000	.3710	1.0000
5	5130.000	.3290	1.0000
6	14991.000	.3010	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.08854	.0600	.0400	1.2000
14	.00001	.0391	.0051	1.0933

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.8345	1.0000	
N	.9986	-.8605	1.0000

QUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99907740

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.03913	.17684	.22	-.5236	.6019
ALPHA	.00505	.00082	6.18	.0025	.0077
N	1.09330	.05422	20.16	.9208	1.2658

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.5300E+02	1.7243	.4270	.4249	.0021
2	.2040E+03	2.3096	.4070	.4089	-.0019
3	.5100E+03	2.7076	.3910	.3896	.0014
4	.1020E+04	3.0086	.3710	.3719	-.0009
5	.5130E+04	3.7101	.3290	.3284	.0006
6	.1499E+05	4.1758	.3010	.3013	-.0003

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
TENTION DATA	.00001	.00001
COND/DIFF DATA	.00000	.00000
ALL DATA	.00001	.00001

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0733	.4631E+14	13.666	.2562E-29	-29.591	.3723E-13	-13.429
.0904	.6001E+12	11.778	.4205E-25	-25.376	.5278E-11	-11.278
.1075	.2748E+11	10.439	.4115E-22	-22.386	.1774E-09	-9.751
.1245	.2514E+10	9.400	.8594E-20	-20.066	.2711E-08	-8.567
.1416	.3561E+09	8.552	.6754E-18	-18.170	.2515E-07	-7.599
.1587	.6824E+08	7.834	.2704E-16	-16.568	.1654E-06	-6.781
.1758	.1631E+08	7.212	.6611E-15	-15.180	.8457E-06	-6.073
.1929	.4615E+07	6.664	.1108E-13	-13.955	.3566E-05	-5.448
.2099	.1492E+07	6.174	.1380E-12	-12.860	.1292E-04	-4.889
.2270	.5370E+06	5.730	.1352E-11	-11.869	.4141E-04	-4.383
.2441	.2112E+06	5.325	.1085E-10	-10.964	.1200E-03	-3.921
.2612	.8951E+05	4.952	.7379E-10	-10.132	.3192E-03	-3.496
.2783	.4038E+05	4.606	.4356E-09	-9.361	.7908E-03	-3.102
.2953	.1921E+05	4.284	.2279E-08	-8.642	.1844E-02	-2.734
.3124	.9552E+04	3.980	.1076E-07	-7.968	.4089E-02	-2.388
.3295	.4920E+04	3.692	.4655E-07	-7.332	.8706E-02	-2.060
.3466	.2597E+04	3.414	.1877E-06	-6.726	.1801E-01	-1.744
.1637	.1384E+04	3.141	.7193E-06	-6.143	.3679E-01	-1.434

.3808	.7264E+03	2.861	.2692E-05	-5.570	.7615E-01	-1.118
3978	.3567E+03	2.552	.1034E-04	-4.986	.1680E+00	-.775
.4149	.1397E+03	2.145	.4631E-04	-4.334	.4547E+00	-.342
.4235	.6455E+02	1.810	.1207E-03	-3.918	.9567E+00	-.019
.4320	.0000E+00		.8640E-02	-2.063		

END OF PROBLEM
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*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40604AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3      METHOD= 3                                   *
*                                                               *
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.4840	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0004	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	82.000	.4810	1.0000
2	316.000	.4570	1.0000
3	826.000	.4400	1.0000
4	1632.000	.4260	1.0000
5	5609.000	.3900	1.0000
6	14685.000	.3560	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.15874	.0600	.0400	1.2000
11	.00019	.0007	.0049	1.0653

WCR IS LESS THEN 0.001: CHANGED TO FIT WITH WCR=0.0

NIT	SSQ	ALPHA	N
0	.22765	.0400	1.2000
19	.00007	.0028	1.0802

RRELATION MATRIX

	ALPHA	N
ALPHA	1.0000	
N	-.9370	1.0000

RSQUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99352017

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

				95% CONFIDENCE LIMITS	
VARIABLE	VALUE	S.E.COEFF.	T-VALUE	LOWER	UPPER
ALPHA	.00279	.00056	4.99	.0012	.0043
N	1.08020	.00610	176.95	1.0632	1.0971

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.8200E+02	1.9138	.4810	.4774	.0036
2	.3160E+03	2.4997	.4570	.4620	-.0050
3	.8260E+03	2.9170	.4400	.4414	-.0014
4	.1632E+04	3.2127	.4260	.4230	.0030
5	.5609E+04	3.7489	.3900	.3868	.0032
	.1469E+05	4.1669	.3560	.3589	-.0029

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00007	.00007
COND/DIFF DATA	.00000	.00000
ALL DATA	.00007	.00007

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0631	.3850E+14	13.585	.1094E-29	-29.961	.8319E-14	-14.080
.0842	.1065E+13	12.028	.2932E-26	-26.533	.4628E-12	-12.335
.1052	.6593E+11	10.819	.1338E-23	-23.874	.1045E-10	-10.981
.1263	.6788E+10	9.832	.1991E-21	-21.701	.1335E-09	-9.875
.1473	.9930E+09	8.997	.1368E-19	-19.864	.1150E-08	-8.939
.1683	.1879E+09	8.274	.5336E-18	-18.273	.7425E-08	-8.129
.1894	.4325E+08	7.636	.1351E-16	-16.869	.3848E-07	-7.415
.2104	.1162E+08	7.065	.2434E-15	-15.614	.1677E-06	-6.776
.2315	.3542E+07	6.549	.3328E-14	-14.478	.6349E-06	-6.197
.2525	.1197E+07	6.078	.3623E-13	-13.441	.2141E-05	-5.669
.2736	.4409E+06	5.644	.3259E-12	-12.487	.6552E-05	-5.184
2946	.1749E+06	5.243	.2492E-11	-11.604	.1847E-04	-4.734

3157	.7385E+05	4.868	.1657E-10	-10.781	.4850E-04	-4.314
.3367	.3289E+05	4.517	.9778E-10	-10.010	.1200E-03	-3.921
.3577	.1531E+05	4.185	.5207E-09	-9.283	.2826E-03	-3.549
.3788	.7365E+04	3.867	.2546E-08	-8.594	.6408E-03	-3.193
.3998	.3610E+04	3.558	.1166E-07	-7.933	.1422E-02	-2.847
.4209	.1759E+04	3.245	.5149E-07	-7.288	.3166E-02	-2.500
.4419	.8085E+03	2.908	.2308E-06	-6.637	.7454E-02	-2.128
.4630	.2985E+03	2.475	.1202E-05	-5.920	.2145E-01	-1.668
.4735	.1338E+03	2.126	.3401E-05	-5.468	.4677E-01	-1.330
.4840	.0000E+00		.3720E-03	-3.429		

END OF PROBLEM
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                                                            *
    ANALYSIS OF SOIL HYDRAULIC PROPERTIES                   *
*                                                           *
*OU4 RFI LAB VZ SAMPLE BH40605AE                             *
*                                                           *
*   MUALEM-BASED RESTRICTION, M=1-1/N                       *
*   ANALYSIS OF RETENTION DATA ONLY                         *
*   MTYPE= 3     METHOD= 3                                  *
*                                                           *
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.4190	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0003	0

ERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	82.000	.3990	1.0000
2	316.000	.3780	1.0000
3	826.000	.3600	1.0000
4	1632.000	.3460	1.0000
5	5609.000	.3100	1.0000
6	14685.000	.3100	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.08591	.0600	.0400	1.2000
13	.00016	.2046	.0111	1.1497

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.8297	1.0000	
N	.9942	-.8798	1.0000

QUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .97616670

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.20458	.16650	1.23	-.3253	.7344
ALPHA	.01106	.00806	1.37	-.0146	.0367
N	1.14966	.18651	6.16	.5561	1.7432

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.8200E+02	1.9138	.3990	.4019	-.0029
2	.3160E+03	2.4997	.3780	.3775	.0005
3	.8260E+03	2.9170	.3600	.3571	.0029
4	.1632E+04	3.2127	.3460	.3430	.0030
5	.5609E+04	3.7489	.3100	.3201	-.0101
6	.1469E+05	4.1669	.3100	.3046	.0054

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
TENTION DATA	.00016	.00016
OND/DIFF DATA	.00000	.00000
ALL DATA	.00016	.00016

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.2092	.1164E+14	13.066	.2214E-31	-31.655	.3695E-15	-15.432
.2139	.1134E+12	11.055	.1320E-26	-26.880	.1073E-12	-12.969
.2232	.1105E+10	9.043	.7867E-22	-22.104	.3115E-10	-10.507
.2325	.7358E+08	7.867	.4888E-19	-19.311	.8593E-09	-9.066
.2419	.1076E+08	7.032	.4689E-17	-17.329	.9043E-08	-8.044
.2512	.2423E+07	6.384	.1616E-15	-15.792	.5613E-07	-7.251
.2605	.7167E+06	5.855	.2914E-14	-14.536	.2495E-06	-6.603
.2698	.2559E+06	5.408	.3361E-13	-13.474	.8807E-06	-6.055
.2792	.1048E+06	5.020	.2796E-12	-12.553	.2626E-05	-5.581
.2885	.4770E+05	4.679	.1812E-11	-11.742	.6888E-05	-5.162
.2978	.2357E+05	4.372	.9646E-11	-11.016	.1632E-04	-4.787
.3071	.1245E+05	4.095	.4382E-10	-10.358	.3567E-04	-4.448
.3165	.6942E+04	3.841	.1747E-09	-9.758	.7293E-04	-4.137
.3258	.4046E+04	3.607	.6251E-09	-9.204	.1412E-03	-3.850
.3351	.2445E+04	3.388	.2043E-08	-8.690	.2614E-03	-3.583
.3444	.1521E+04	3.182	.6187E-08	-8.209	.4671E-03	-3.331
.3537	.9666E+03	2.985	.1760E-07	-7.754	.8121E-03	-3.090
.3631	.6227E+03	2.794	.4764E-07	-7.322	.1387E-02	-2.858

.3724	.4028E+03	2.605	.1243E-06	-6.905	.2352E-02	-2.629
3817	.2580E+03	2.412	.3178E-06	-6.498	.4019E-02	-2.396
.3910	.1599E+03	2.204	.8143E-06	-6.089	.7087E-02	-2.150
.4004	.9129E+02	1.960	.2178E-05	-5.662	.1350E-01	-1.870
.4097	.4136E+02	1.617	.6763E-05	-5.170	.3150E-01	-1.502
.4143	.2073E+02	1.317	.1425E-04	-4.846	.6058E-01	-1.218
.4190	.0000E+00		.3110E-03	-3.507		

END OF PROBLEM

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*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40606AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.4110	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.4320	0

ERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	21.000	.3990	1.0000
2	80.000	.3770	1.0000
3	306.000	.3470	1.0000
4	1020.000	.3140	1.0000
5	3467.000	.2880	1.0000
6	15195.000	.2620	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.03660	.0600	.0400	1.2000
5	.00001	.1455	.0223	1.1421

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.7924	1.0000	
N	.9927	-.8527	1.0000

UARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99949938

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.14548	.02869	5.07	.0542	.2368
ALPHA	.02232	.00257	8.69	.0141	.0305
N	1.14206	.02512	45.46	1.0621	1.2220

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.2100E+02	1.3222	.3990	.3996	-.0006
2	.8000E+02	1.9031	.3770	.3777	-.0007
3	.3060E+03	2.4857	.3470	.3449	.0021
4	.1020E+04	3.0086	.3140	.3152	-.0012
5	.3467E+04	3.5400	.2880	.2885	-.0005
6	.1520E+05	4.1817	.2620	.2615	.0005

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
TENTION DATA	.00001	.00001
ND/DIFF DATA	.00000	.00000
ALL DATA	.00001	.00001

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.1513	.2271E+14	13.356	.1812E-29	-29.742	.5019E-13	-13.299
.1570	.1727E+12	11.237	.1774E-24	-24.751	.1867E-10	-10.729
.1686	.1312E+10	9.118	.1737E-19	-19.760	.6949E-08	-8.158
.1801	.7559E+08	7.878	.1442E-16	-16.841	.2216E-06	-6.654
.1917	.9976E+07	6.999	.1700E-14	-14.770	.2586E-05	-5.587
.2032	.2074E+07	6.317	.6873E-13	-13.163	.1738E-04	-4.760
.2147	.5746E+06	5.759	.1412E-11	-11.850	.8247E-04	-4.084
.2263	.1941E+06	5.288	.1819E-10	-10.740	.3076E-03	-3.512
.2378	.7582E+05	4.880	.1665E-09	-9.779	.9623E-03	-3.017
.2494	.3308E+05	4.520	.1174E-08	-8.930	.2632E-02	-2.580
.2609	.1575E+05	4.197	.6736E-08	-8.172	.6476E-02	-2.189
.2725	.8040E+04	3.905	.3275E-07	-7.485	.1464E-01	-1.835
.2840	.4347E+04	3.638	.1389E-06	-6.857	.3085E-01	-1.511
.2956	.2464E+04	3.392	.5259E-06	-6.279	.6141E-01	-1.212
.3071	.1452E+04	3.162	.1810E-05	-5.742	.1166E+00	-.933
.3186	.8823E+03	2.946	.5751E-05	-5.240	.2131E+00	-.671
.3302	.5491E+03	2.740	.1710E-04	-4.767	.3783E+00	-.422
3417	.3470E+03	2.540	.4823E-04	-4.317	.6583E+00	-.182

.3533	.2206E+03	2.344	.1307E-03	-3.884	.1135E+01	.055
3648	.1391E+03	2.143	.3463E-03	-3.461	.1970E+01	.294
.3764	.8492E+02	1.929	.9178E-03	-3.037	.3521E+01	.547
.3879	.4784E+02	1.680	.2537E-02	-2.596	.6794E+01	.832
.3995	.2138E+02	1.330	.8153E-02	-2.089	.1608E+02	1.206
.4052	.1062E+02	1.026	.1754E-01	-1.756	.3118E+02	1.494
.4110	.0000E+00		.4320E+00	-.365		

END OF PROBLEM
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*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40607AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.3570	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	1.5552	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	20.000	.3420	1.0000
2	82.000	.3180	1.0000
3	306.000	.2890	1.0000
4	1020.000	.2590	1.0000
5	3467.000	.2330	1.0000
6	15195.000	.2090	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.01537	.0600	.0400	1.2000
5	.00001	.0737	.0319	1.1205

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.8121	1.0000	
N	.9944	-.8630	1.0000

QUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99950128

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.07374	.03436	2.15	-.0356	.1831
ALPHA	.03188	.00388	8.22	.0195	.0442
N	1.12049	.02287	49.00	1.0477	1.1933

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.2000E+02	1.3010	.3420	.3430	-.0010
2	.8200E+02	1.9138	.3180	.3182	-.0002
3	.3060E+03	2.4857	.2890	.2873	.0017
4	.1020E+04	3.0086	.2590	.2595	-.0005
5	.3467E+04	3.5400	.2330	.2343	-.0013
6	.1520E+05	4.1817	.2090	.2082	.0008

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
TENTION DATA	.00001	.00001
ND/DIFF DATA	.00000	.00000
ALL DATA	.00001	.00001

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0861	.6286E+13	12.798	.1765E-27	-27.753	.7476E-12	-12.126
.0984	.1995E+11	10.300	.9912E-22	-22.004	.6663E-09	-9.176
.1107	.6893E+09	8.838	.2288E-18	-18.641	.3542E-07	-7.451
.1230	.6331E+08	7.801	.5567E-16	-16.254	.5938E-06	-6.226
.1353	.9934E+07	6.997	.3950E-14	-14.403	.5289E-05	-5.277
.1476	.2187E+07	6.340	.1285E-12	-12.891	.3157E-04	-4.501
.1600	.6086E+06	5.784	.2441E-11	-11.612	.1430E-03	-3.845
.1723	.2009E+06	5.303	.3127E-10	-10.505	.5293E-03	-3.276
.1846	.7557E+05	4.878	.2966E-09	-9.528	.1679E-02	-2.775
.1969	.3151E+05	4.498	.2219E-08	-8.654	.4716E-02	-2.326
.2092	.1428E+05	4.155	.1371E-07	-7.863	.1201E-01	-1.921
.2215	.6927E+04	3.841	.7233E-07	-7.141	.2820E-01	-1.550
.2338	.3557E+04	3.551	.3344E-06	-6.476	.6196E-01	-1.208
.2462	.1914E+04	3.282	.1383E-05	-5.859	.1287E+00	-.890
.2585	.1071E+04	3.030	.5208E-05	-5.283	.2554E+00	-.593
.2708	.6181E+03	2.791	.1812E-04	-4.742	.4884E+00	-.311
.2831	.3647E+03	2.562	.5907E-04	-4.229	.9088E+00	-.042
2954	.2178E+03	2.338	.1832E-03	-3.737	.1665E+01	.221

3077	.1298E+03	2.113	.5504E-03	-3.259	.3050E+01	.484
3201	.7531E+02	1.877	.1642E-02	-2.785	.5727E+01	.758
.3324	.4046E+02	1.607	.5085E-02	-2.294	.1157E+02	1.063
.3447	.1726E+02	1.237	.1838E-01	-1.736	.2869E+02	1.458
.3508	.8343E+01	.921	.4239E-01	-1.373	.5730E+02	1.758
.3570	.0000E+00		.1555E+01	.192		

END OF PROBLEM

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*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40608AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.2700	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	120.9600	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	13.000	.2010	1.0000
2	40.000	.1710	1.0000
3	122.000	.1510	1.0000
4	357.000	.1420	1.0000
5	1030.000	.1290	1.0000
6	14685.000	.1060	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.01372	.0600	.0400	1.2000
7	.00004	.0844	.5929	1.2294

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.8109	1.0000	
N	.9606	-.9290	1.0000

QUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99312537

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.08440	.01286	6.56	.0435	.1253
ALPHA	.59294	.23973	2.47	-.1700	1.3559
N	1.22935	.05106	24.08	1.0669	1.3918

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.1300E+02	1.1139	.2010	.1989	.0021
2	.4000E+02	1.6021	.1710	.1738	-.0028
3	.1220E+03	2.0864	.1510	.1539	-.0029
4	.3570E+03	2.5527	.1420	.1387	.0033
5	.1030E+04	3.0128	.1290	.1270	.0020
6	.1469E+05	4.1669	.1060	.1076	-.0016

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
TENTION DATA	.00004	.00004
OND/DIFF DATA	.00000	.00000
ALL DATA	.00004	.00004

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0864	.6157E+09	8.789	.3891E-21	-21.410	.5178E-09	-9.286
.0884	.2998E+08	7.477	.9283E-18	-18.032	.3008E-07	-7.522
.0925	.1460E+07	6.164	.2215E-14	-14.655	.1747E-05	-5.758
.1005	.7109E+05	4.852	.5284E-11	-11.277	.1015E-03	-3.994
.1086	.1213E+05	4.084	.4998E-09	-9.301	.1092E-02	-2.962
.1167	.3461E+04	3.539	.1261E-07	-7.899	.5895E-02	-2.230
.1247	.1308E+04	3.117	.1542E-06	-6.812	.2180E-01	-1.662
.1328	.5905E+03	2.771	.1193E-05	-5.923	.6349E-01	-1.197
.1409	.3013E+03	2.479	.6732E-05	-5.172	.1568E+00	-.805
.1490	.1681E+03	2.225	.3016E-04	-4.521	.3436E+00	-.464
.1570	.1003E+03	2.001	.1134E-03	-3.945	.6873E+00	-.163
.1651	.6311E+02	1.800	.3713E-03	-3.430	.1281E+01	.107
.1732	.4139E+02	1.617	.1089E-02	-2.963	.2256E+01	.353
.1812	.2805E+02	1.448	.2917E-02	-2.535	.3801E+01	.580
.1893	.1952E+02	1.290	.7261E-02	-2.139	.6180E+01	.791
.1974	.1385E+02	1.141	.1701E-01	-1.769	.9773E+01	.990
.2054	.9971E+01	.999	.3790E-01	-1.421	.1514E+02	1.180
.2135	.7239E+01	.860	.8120E-01	-1.090	.2316E+02	1.365

2216	.5266E+01	.722	.1688E+00	-.773	.3523E+02	1.547
2297	.3807E+01	.581	.3443E+00	-.463	.5381E+02	1.731
.2377	.2701E+01	.432	.6975E+00	-.156	.8362E+02	1.922
.2458	.1843E+01	.266	.1429E+01	.155	.1350E+03	2.130
.2539	.1156E+01	.063	.3061E+01	.486	.2359E+03	2.373
.2619	.5797E+00	-.237	.7469E+01	.873	.5016E+03	2.700
.2660	.3108E+00	-.508	.1353E+02	1.131	.9085E+03	2.958
.2700	.0000E+00		.1210E+03	2.083		

END OF PROBLEM

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*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40609AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.3630	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	1.5552	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	22.000	.3440	1.0000
2	78.000	.3020	1.0000
3	306.000	.2340	1.0000
4	1020.000	.1990	1.0000
5	3467.000	.1830	1.0000
6	15195.000	.1660	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.00088	.0600	.0400	1.2000
11	.00003	.1573	.0196	1.5244

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.5125	1.0000	
N	.8791	-.7898	1.0000

QUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99890703

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.15727	.00493	31.89	.1416	.1730
ALPHA	.01963	.00178	11.03	.0140	.0253
N	1.52440	.04967	30.69	1.3663	1.6825

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.2200E+02	1.3424	.3440	.3464	-.0024
2	.7800E+02	1.8921	.3020	.2997	.0023
3	.3060E+03	2.4857	.2340	.2359	-.0019
4	.1020E+04	3.0086	.1990	.1999	-.0009
5	.3467E+04	3.5400	.1830	.1798	.0032
6	.1520E+05	4.1817	.1660	.1676	-.0016

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
ENTION DATA	.00003	.00003
OND/DIFF DATA	.00000	.00000
ALL DATA	.00003	.00003

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.1595	.2831E+06	5.452	.7343E-13	-13.134	.1773E-04	-4.751
.1617	.7549E+05	4.878	.5841E-11	-11.233	.1880E-03	-3.726
.1662	.2013E+05	4.304	.4647E-09	-9.333	.1995E-02	-2.700
.1752	.5365E+04	3.730	.3699E-07	-7.432	.2117E-01	-1.674
.1841	.2473E+04	3.393	.4791E-06	-6.320	.8443E-01	-1.074
.1931	.1426E+04	3.154	.2953E-05	-5.530	.2258E+00	-.646
.2020	.9281E+03	2.968	.1213E-04	-4.916	.4856E+00	-.314
.2109	.6519E+03	2.814	.3855E-04	-4.414	.9114E+00	-.040
.2199	.4822E+03	2.683	.1028E-03	-3.988	.1559E+01	.193
.2288	.3700E+03	2.568	.2413E-03	-3.617	.2495E+01	.397
.2378	.2917E+03	2.465	.5143E-03	-3.289	.3802E+01	.580
.2467	.2347E+03	2.370	.1017E-02	-2.993	.5583E+01	.747
.2557	.1916E+03	2.283	.1894E-02	-2.723	.7969E+01	.901
.2646	.1583E+03	2.199	.3363E-02	-2.473	.1113E+02	1.047
.2736	.1317E+03	2.119	.5744E-02	-2.241	.1532E+02	1.185
.2825	.1100E+03	2.042	.9508E-02	-2.022	.2086E+02	1.319
.2914	.9207E+02	1.964	.1535E-01	-1.814	.2824E+02	1.451
.1004	.7687E+02	1.886	.2432E-01	-1.614	.3821E+02	1.582

3093	.6377E+02	1.805	.3800E-01	-1.420	.5197E+02	1.716
3183	.5225E+02	1.718	.5894E-01	-1.230	.7157E+02	1.855
.3272	.4191E+02	1.622	.9141E-01	-1.039	.1009E+03	2.004
.3362	.3239E+02	1.510	.1433E+00	-.844	.1482E+03	2.171
.3451	.2327E+02	1.367	.2315E+00	-.635	.2353E+03	2.372
.3541	.1389E+02	1.143	.4052E+00	-.392	.4500E+03	2.653
.3585	.8564E+01	.933	.5837E+00	-.234	.7653E+03	2.884
.3630	.0000E+00		.1555E+01	.192		

END OF PROBLEM

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*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40610AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3      METHOD= 3                                   *
*                                                               *
*****************************************************************
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INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.4020	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0086	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	82.000	.3930	1.0000
2	316.000	.3680	1.0000
3	826.000	.3410	1.0000
4	1632.000	.3210	1.0000
5	5609.000	.2780	1.0000
6	14685.000	.2580	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.06217	.0600	.0400	1.2000
5	.00038	.0009	.0100	1.0825

WCR IS LESS THEN 0.001: CHANGED TO FIT WITH WCR=0.0

NIT	SSQ	ALPHA	N
0	.10698	.0400	1.2000
16	.00003	.0045	1.1084

RRELATION MATRIX

	ALPHA	N
ALPHA	1.0000	
N	-.9281	1.0000

RSQUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .99754524

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
ALPHA	.00454	.00055	8.23	.0030	.0061
N	1.10837	.00475	233.44	1.0952	1.1215

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.8200E+02	1.9138	.3930	.3908	.0022
2	.3160E+03	2.4997	.3680	.3677	.0003
3	.8260E+03	2.9170	.3410	.3414	-.0004
4	.1632E+04	3.2127	.3210	.3203	.0007
5	.5609E+04	3.7489	.2780	.2823	-.0043
	.1469E+05	4.1669	.2580	.2548	.0032

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00003	.00003
COND/DIFF DATA	.00000	.00000
ALL DATA	.00003	.00003

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0350	.1352E+13	12.131	.4891E-26	-26.311	.1746E-11	-11.758
.0524	.3207E+11	10.506	.2396E-22	-22.620	.1352E-09	-9.869
.0699	.2255E+10	9.353	.9946E-20	-20.002	.2961E-08	-8.529
.0874	.2877E+09	8.459	.1068E-17	-17.972	.3244E-07	-7.489
.1049	.5349E+08	7.728	.4873E-16	-16.312	.2293E-06	-6.640
.1223	.1290E+08	7.110	.1232E-14	-14.909	.1199E-05	-5.921
.1398	.3761E+07	6.575	.2023E-13	-13.694	.5021E-05	-5.299
.1573	.1269E+07	6.103	.2387E-12	-12.622	.1777E-04	-4.750
.1748	.4798E+06	5.681	.2172E-11	-11.663	.5502E-04	-4.259
.1923	.1990E+06	5.299	.1601E-10	-10.796	.1530E-03	-3.815
.2097	.8911E+05	4.950	.9920E-10	-10.003	.3894E-03	-3.410
.272	.4251E+05	4.629	.5317E-09	-9.274	.9206E-03	-3.036

2447	.2139E+05	4.330	.2520E-08	-8.599	.2045E-02	-2.689
2622	.1125E+05	4.051	.1076E-07	-7.968	.4315E-02	-2.365
.2797	.6135E+04	3.788	.4206E-07	-7.376	.8728E-02	-2.059
.2971	.3438E+04	3.536	.1528E-06	-6.816	.1709E-01	-1.767
.3146	.1960E+04	3.292	.5238E-06	-6.281	.3278E-01	-1.484
.3321	.1119E+04	3.049	.1727E-05	-5.763	.6257E-01	-1.204
.3496	.6252E+03	2.796	.5618E-05	-5.250	.1219E+00	-.914
.3670	.3245E+03	2.511	.1890E-04	-4.723	.2546E+00	-.594
.3845	.1339E+03	2.127	.7429E-04	-4.129	.6534E+00	-.185
.3933	.6356E+02	1.803	.1798E-03	-3.745	.1332E+01	.125
.4020	.0000E+00		.8640E-02	-2.063		

END OF PROBLEM

```
*****************************************************************
*                                                               *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40611AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.5350	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.0001	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	82.000	.5380	1.0000
2	316.000	.4900	1.0000
3	826.000	.4610	1.0000
4	1632.000	.4470	1.0000
5	5609.000	.4130	1.0000
6	14685.000	.3880	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.17035	.0600	.0400	1.2000
20	.00027	.3434	.0042	1.3361

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.7203	1.0000	
N	.9763	-.8371	1.0000

QUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .98403423

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.34338	.06423	5.35	.1390	.5478
ALPHA	.00415	.00200	2.08	-.0022	.0105
N	1.33612	.25028	5.34	.5396	2.1326

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.8200E+02	1.9138	.5380	.5250	.0130
2	.3160E+03	2.4997	.4900	.4965	-.0065
3	.8260E+03	2.9170	.4610	.4645	-.0035
4	.1632E+04	3.2127	.4470	.4422	.0048
5	.5609E+04	3.7489	.4130	.4096	.0034
6	.1469E+05	4.1669	.3880	.3915	-.0035

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00027	.00027
COND/DIFF DATA	.00000	.00000
ALL DATA	.00027	.00027

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.3455	.1675E+09	8.224	.1385E-21	-21.859	.3314E-10	-10.480
.3476	.2130E+08	7.328	.4843E-19	-19.315	.7369E-09	-9.133
.3517	.2709E+07	6.433	.1694E-16	-16.771	.1639E-07	-7.785
.3600	.3445E+06	5.537	.5925E-14	-14.227	.3645E-06	-6.438
.3684	.1031E+06	5.013	.1823E-12	-12.739	.2238E-05	-5.650
.3767	.4379E+05	4.641	.2074E-11	-11.683	.8115E-05	-5.091
.3850	.2252E+05	4.353	.1368E-10	-10.864	.2206E-04	-4.656
.3934	.1307E+05	4.116	.6398E-10	-10.194	.5000E-04	-4.301
.4017	.8236E+04	3.916	.2361E-09	-9.627	.1001E-03	-4.000
.4100	.5510E+04	3.741	.7330E-09	-9.135	.1830E-03	-3.737
.4184	.3855E+04	3.586	.1997E-08	-8.700	.3129E-03	-3.505
.4267	.2790E+04	3.446	.4911E-08	-8.309	.5079E-03	-3.294
.4350	.2074E+04	3.317	.1113E-07	-7.953	.7918E-03	-3.101
.4434	.1573E+04	3.197	.2363E-07	-7.627	.1196E-02	-2.922
.4517	.1211E+04	3.083	.4754E-07	-7.323	.1765E-02	-2.753
.4600	.9427E+03	2.974	.9158E-07	-7.038	.2558E-02	-2.592
.4684	.7383E+03	2.868	.1704E-06	-6.769	.3665E-02	-2.436
.767	.5792E+03	2.763	.3084E-06	-6.511	.5221E-02	-2.282

.4850	.4528E+03	2.656	.5475E-06	-6.262	.7447E-02	-2.128
.4933	.3502E+03	2.544	.9609E-06	-6.017	.1072E-01	-1.970
.5017	.2651E+03	2.423	.1684E-05	-5.774	.1577E-01	-1.802
.5100	.1927E+03	2.285	.2989E-05	-5.524	.2414E-01	-1.617
.5183	.1293E+03	2.112	.5520E-05	-5.258	.3999E-01	-1.398
.5267	.7036E+02	1.847	.1135E-04	-4.945	.8006E-01	-1.097
.5308	.4014E+02	1.604	.1833E-04	-4.737	.1396E+00	-.855
.5350	.0000E+00		.8600E-04	-4.066		

END OF PROBLEM
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*****************************************************************
*                                                               *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40612AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.3210	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	.1210	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	82.000	.3000	1.0000
2	316.000	.2610	1.0000
3	826.000	.2450	1.0000
4	1632.000	.2360	1.0000
5	5609.000	.2280	1.0000
6	14685.000	.2140	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.02373	.0600	.0400	1.2000
13	.00006	.2093	.0125	1.4874

CORRELATION MATRIX

	WCR	ALPHA	N
WCR	1.0000		
ALPHA	-.5935	1.0000	
N	.9149	-.8240	1.0000

)UARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .98809919

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
WCR	.20929	.00864	24.23	.1818	.2368
ALPHA	.01246	.00337	3.70	.0017	.0232
N	1.48744	.13445	11.06	1.0596	1.9153

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.8200E+02	1.9138	.3000	.2978	.0022
2	.3160E+03	2.4997	.2610	.2643	-.0033
3	.8260E+03	2.9170	.2450	.2448	.0002
4	.1632E+04	3.2127	.2360	.2349	.0011
5	.5609E+04	3.7489	.2280	.2234	.0046
6	.1469E+05	4.1669	.2140	.2181	-.0041

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
TENTION DATA	.00006	.00006
COND/DIFF DATA	.00000	.00000
ALL DATA	.00006	.00006

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.2105	.8573E+06	5.933	.1402E-14	-14.853	.2030E-05	-5.692
.2117	.2068E+06	5.316	.1363E-12	-12.866	.2381E-04	-4.623
.2142	.4989E+05	4.698	.1325E-10	-10.878	.2791E-03	-3.554
.2190	.1203E+05	4.080	.1288E-08	-8.890	.3275E-02	-2.485
.2239	.5231E+04	3.719	.1875E-07	-7.727	.1384E-01	-1.859
.2287	.2894E+04	3.461	.1256E-06	-6.901	.3856E-01	-1.414
.2336	.1825E+04	3.261	.5498E-06	-6.260	.8558E-01	-1.068
.2384	.1250E+04	3.097	.1841E-05	-5.735	.1647E+00	-.783
.2433	.9045E+03	2.956	.5130E-05	-5.290	.2876E+00	-.541
.2481	.6814E+03	2.833	.1250E-04	-4.903	.4685E+00	-.329
.2530	.5287E+03	2.723	.2754E-04	-4.560	.7248E+00	-.140
.2579	.4193E+03	2.623	.5608E-04	-4.251	.1078E+01	.033
.2627	.3381E+03	2.529	.1073E-03	-3.969	.1557E+01	.192
.2676	.2760E+03	2.441	.1952E-03	-3.710	.2198E+01	.342
.2724	.2272E+03	2.356	.3409E-03	-3.467	.3052E+01	.485
.2773	.1880E+03	2.274	.5761E-03	-3.240	.4189E+01	.622
2821	.1559E+03	2.193	.9485E-03	-3.023	.5714E+01	.757
.870	.1290E+03	2.111	.1531E-02	-2.815	.7785E+01	.891

2919	.1061E+03	2.026	.2435E-02	-2.614	.1066E+02	1.028
.2967	.8622E+02	1.936	.3843E-02	-2.415	.1476E+02	1.169
.3016	.6856E+02	1.836	.6065E-02	-2.217	.2093E+02	1.321
.3064	.5249E+02	1.720	.9681E-02	-2.014	.3091E+02	1.490
.3113	.3730E+02	1.572	.1595E-01	-1.797	.4937E+02	1.693
.3161	.2194E+02	1.341	.2860E-01	-1.544	.9495E+02	1.978
.3186	.1335E+02	1.125	.4192E-01	-1.378	.1619E+03	2.209
.3210	.0000E+00		.1210E+00	-.917		

END OF PROBLEM
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*****************************************************************
                                                                *
*     ANALYSIS OF SOIL HYDRAULIC PROPERTIES                     *
*                                                               *
*OU4 RFI LAB VZ SAMPLE BH40613AE                                *
*                                                               *
*     MUALEM-BASED RESTRICTION, M=1-1/N                         *
*     ANALYSIS OF RETENTION DATA ONLY                           *
*     MTYPE= 3     METHOD= 3                                    *
*                                                               *
*****************************************************************
```

INITIAL VALUES OF THE COEFFICIENTS

NO	NAME	INITIAL VALUE	INDEX
1	WCR	.0600	1
2	WCS	.4000	0
3	ALPHA	.0400	1
4	N	1.2000	1
5	M	.1667	0
6	EXPO	.5000	0
7	CONDS	9.5040	0

SERVED DATA

OBS. NO.	PRESSURE HEAD	WATER CONTENT	WEIGHTING COEFFICIENT
1	21.000	.3800	1.0000
2	53.000	.3740	1.0000
3	125.000	.3650	1.0000
4	357.000	.3510	1.0000
5	1030.000	.3310	1.0000
6	14685.000	.2900	1.0000

NIT	SSQ	WCR	ALPHA	N
0	.04449	.0600	.0400	1.2000
24	.00006	.0003	.0577	1.0466

WCR IS LESS THEN 0.001: CHANGED TO FIT WITH WCR=0.0

NIT	SSQ	ALPHA	N
0	.07488	.0400	1.2000
8	.00006	.0583	1.0465

RRELATION MATRIX

	ALPHA	N
ALPHA	1.0000	
N	-.8953	1.0000

RSQUARED FOR REGRESSION OF OBSERVED VS FITTED VALUES = .98905345

NONLINEAR LEAST-SQUARES ANALYSIS: FINAL RESULTS

VARIABLE	VALUE	S.E.COEFF.	T-VALUE	95% CONFIDENCE LIMITS LOWER	UPPER
ALPHA	.05827	.01553	3.75	.0152	.1014
N	1.04645	.00326	321.15	1.0374	1.0555

OBSERVED AND FITTED DATA

NO	P	LOG-P	WC-OBS	WC-FIT	WC-DEV
1	.2100E+02	1.3222	.3800	.3860	-.0060
2	.5300E+02	1.7243	.3740	.3751	-.0011
3	.1250E+03	2.0969	.3650	.3628	.0022
4	.3570E+03	2.5527	.3510	.3468	.0042
5	.1030E+04	3.0128	.3310	.3305	.0005
	.1469E+05	4.1669	.2900	.2923	-.0023

SUM OF SQUARES OF OBSERVED VERSUS FITTED VALUES

	UNWEIGHTED	WEIGHTED
RETENTION DATA	.00006	.00006
COND/DIFF DATA	.00000	.00000
ALL DATA	.00006	.00006

SOIL HYDRAULIC PROPERTIES (MTYPE = 3)

WC	P	LOGP	COND	LOGK	DIF	LOGD
.0870	.3174E+16	15.502	.1207E-31	-31.918	.9481E-14	-14.023
.1043	.6267E+14	13.797	.4882E-28	-28.311	.6312E-12	-12.200
.1217	.2269E+13	12.356	.5473E-25	-25.262	.2196E-10	-10.658
.1391	.1281E+12	11.108	.2399E-22	-22.620	.4754E-09	-9.323
.1565	.1015E+11	10.006	.5131E-20	-20.290	.7161E-08	-8.145
.1739	.1050E+10	9.021	.6231E-18	-18.205	.8102E-07	-7.091
.1913	.1350E+09	8.130	.4788E-16	-16.320	.7273E-06	-6.138
.2087	.2074E+08	7.317	.2521E-14	-14.598	.5394E-05	-5.268
.2261	.3703E+07	6.569	.9662E-13	-13.015	.3407E-04	-4.468
.2435	.7511E+06	5.876	.2826E-11	-11.549	.1877E-03	-3.727
.2609	.1701E+06	5.231	.6549E-10	-10.184	.9192E-03	-3.037
.2783	.4239E+05	4.627	.1239E-08	-8.907	.4064E-02	-2.391

.2957	.1148E+05	4.060	.1962E-07	-7.707	.1643E-01	-1.784
3130	.3346E+04	3.525	.2659E-06	-6.575	.6144E-01	-1.212
.3304	.1035E+04	3.015	.3151E-05	-5.502	.2154E+00	-.667
.3478	.3334E+03	2.523	.3355E-04	-4.474	.7233E+00	-.141
.3652	.1066E+03	2.028	.3383E-03	-3.471	.2440E+01	.387
.3826	.2885E+02	1.460	.3763E-02	-2.424	.9655E+01	.985
.3913	.1121E+02	1.050	.1571E-01	-1.804	.2482E+02	1.395
.4000	.0000E+00		.9504E+01	.978		

END OF PROBLEM
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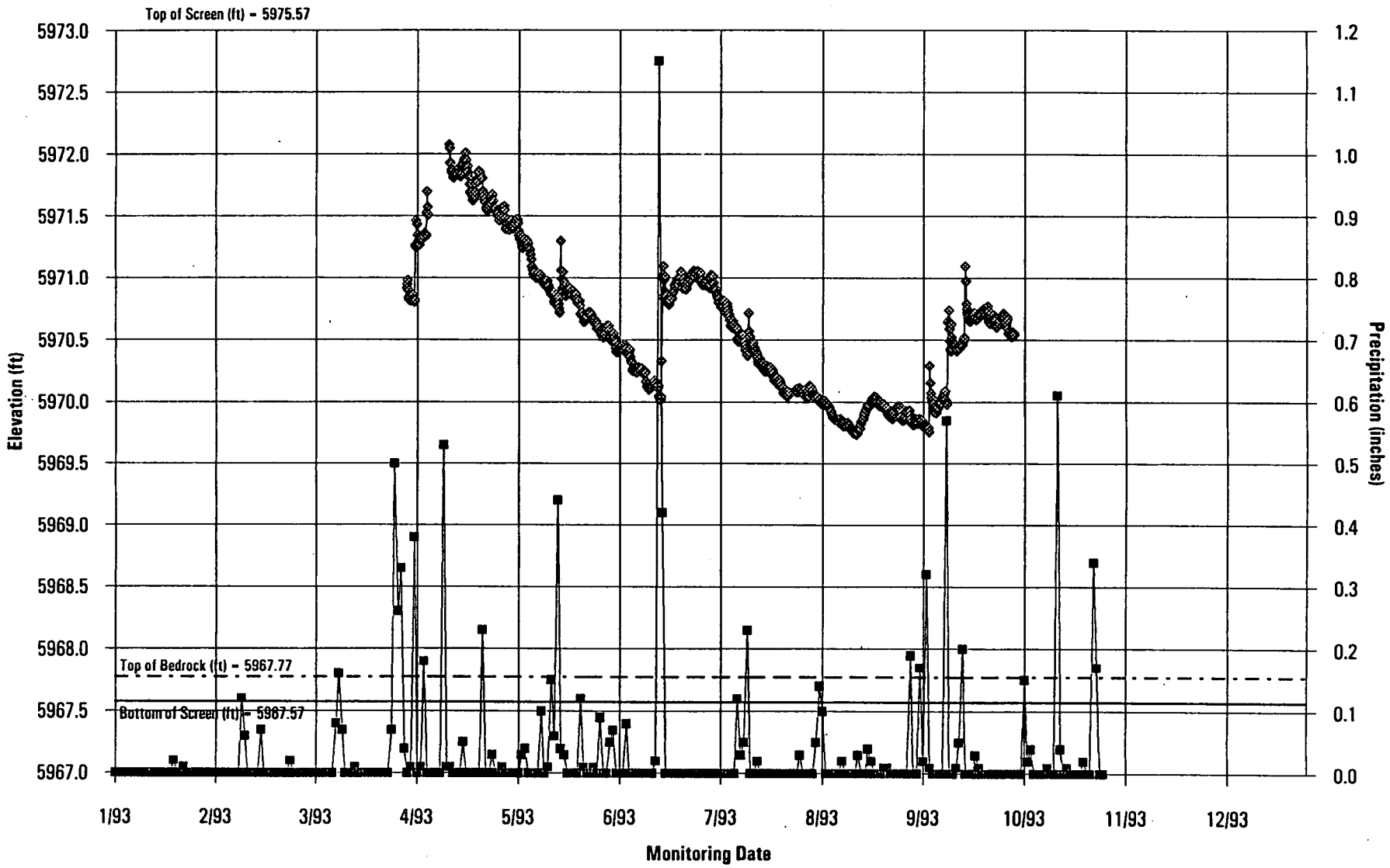
APPENDIX T

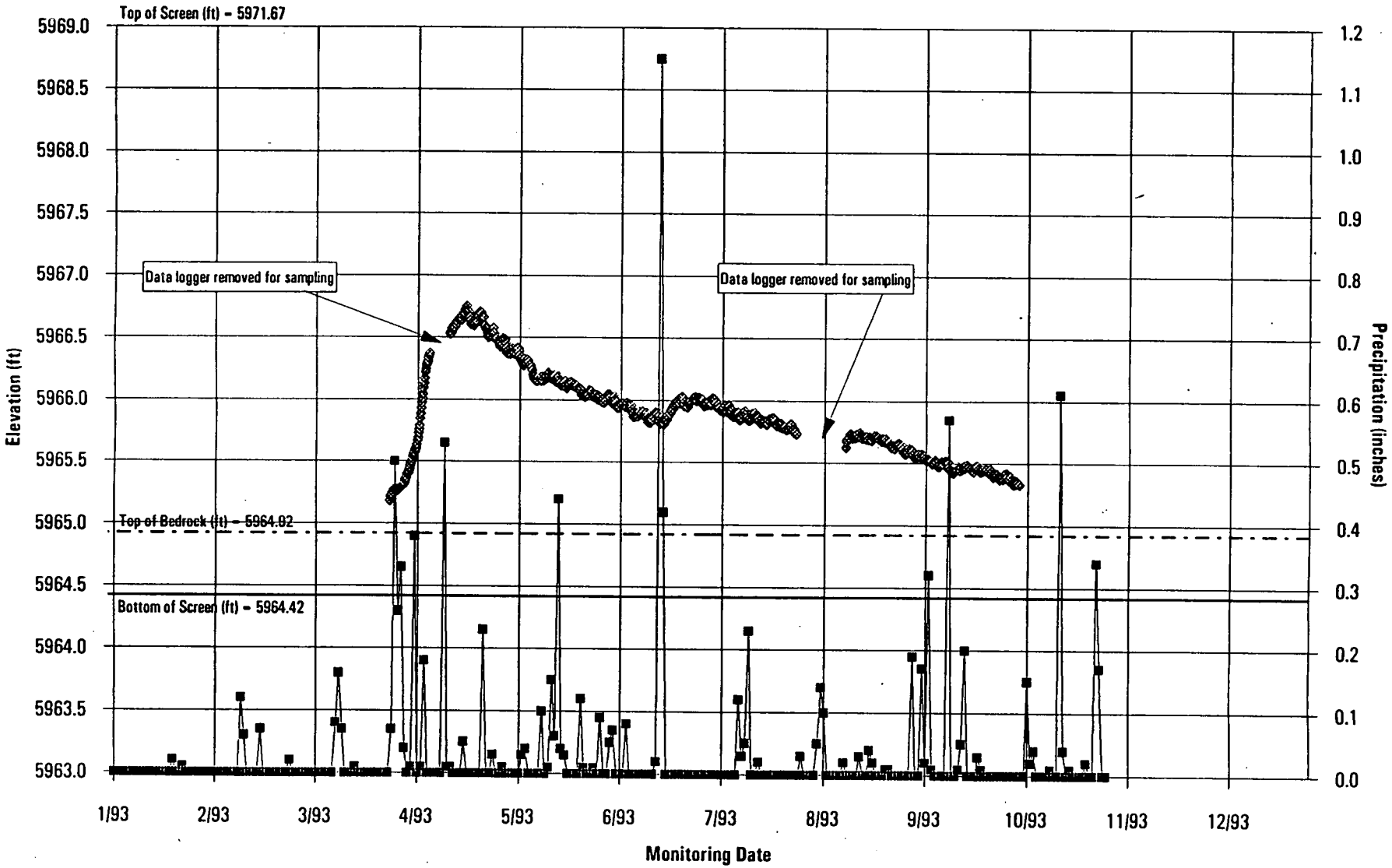
APPENDIX II.T

WATER LEVEL MEASUREMENT DATA AND HYDROGRAPHS

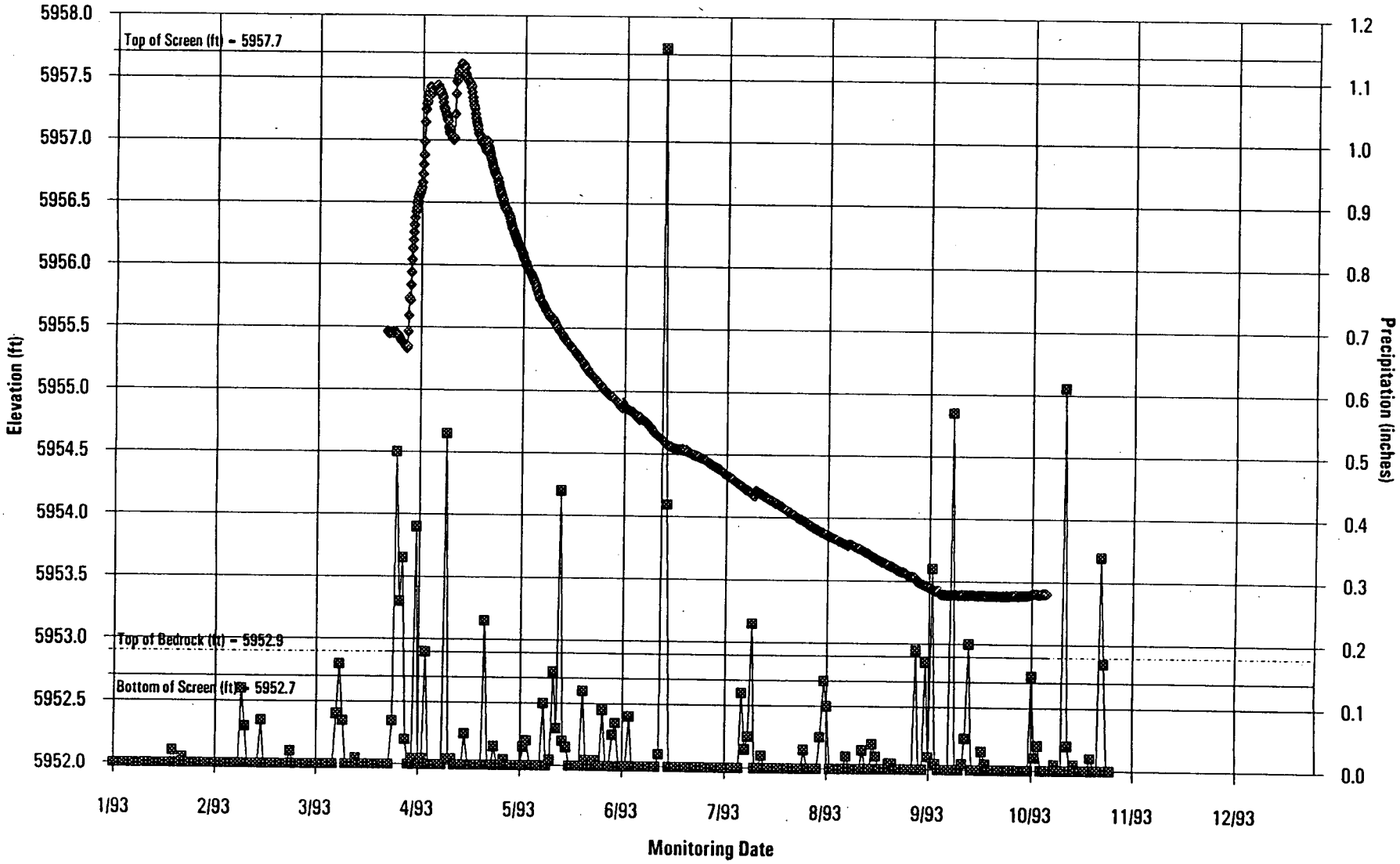
Monitoring Location 2286: 1993 Water Table Elevation and Precipitation
Gr. Elev. (ft) = 5978.8
(Alluvium)



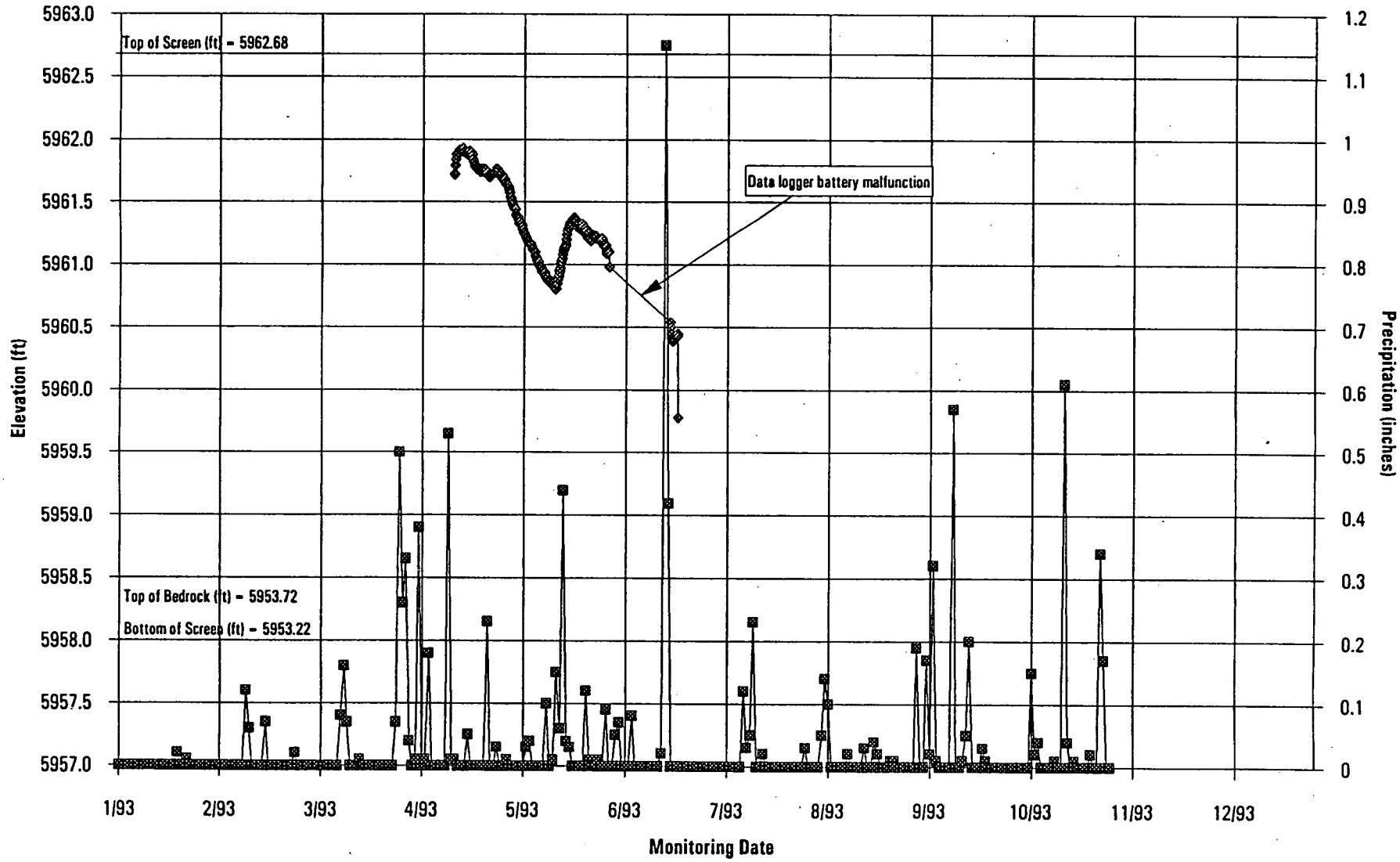
Monitoring Location 2686: 1993 Water Table Elevation and Precipitation
Gr. Elev. (ft) = 5975.4
(Alluvium)



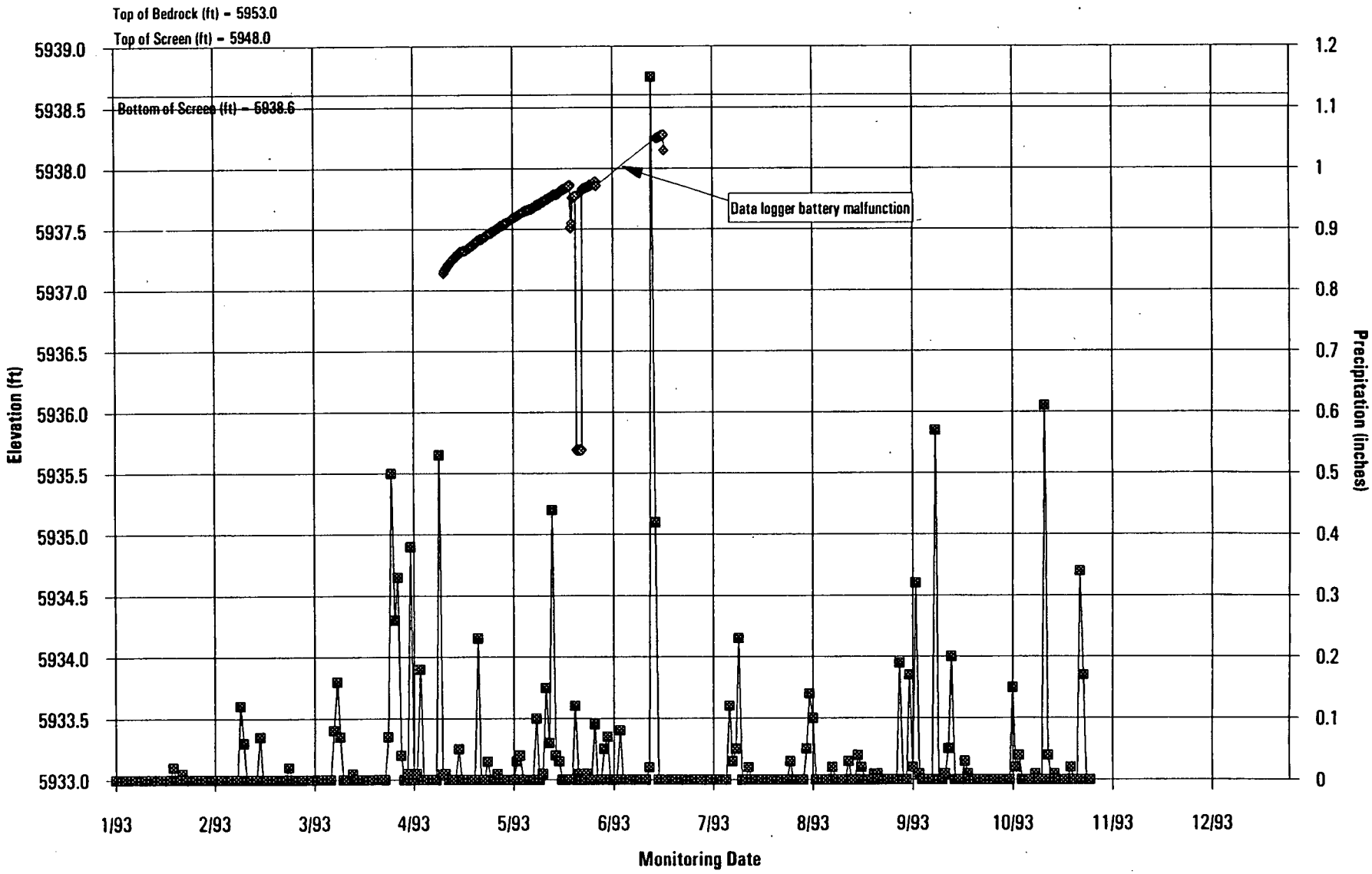
Monitoring Location 41193: 1993 Water Table Elevation and Precipitation
Gr. Elev. (ft) = 5960.70
(Alluvium)



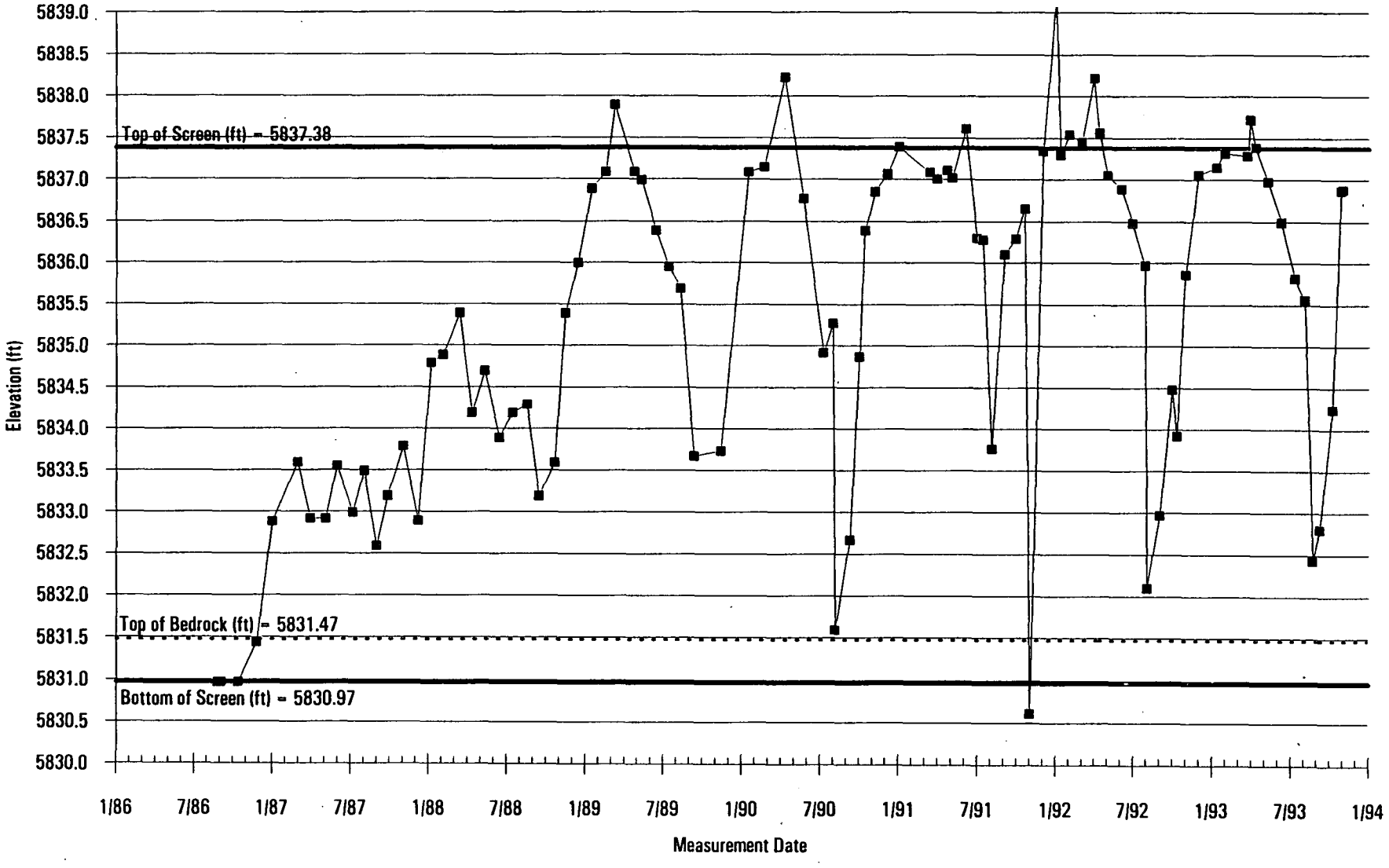
Monitoring Locations P207689: 1993 Water Table Elevation and Precipitation
Gr. Elev. (ft) = 5966.3
(Alluvium)



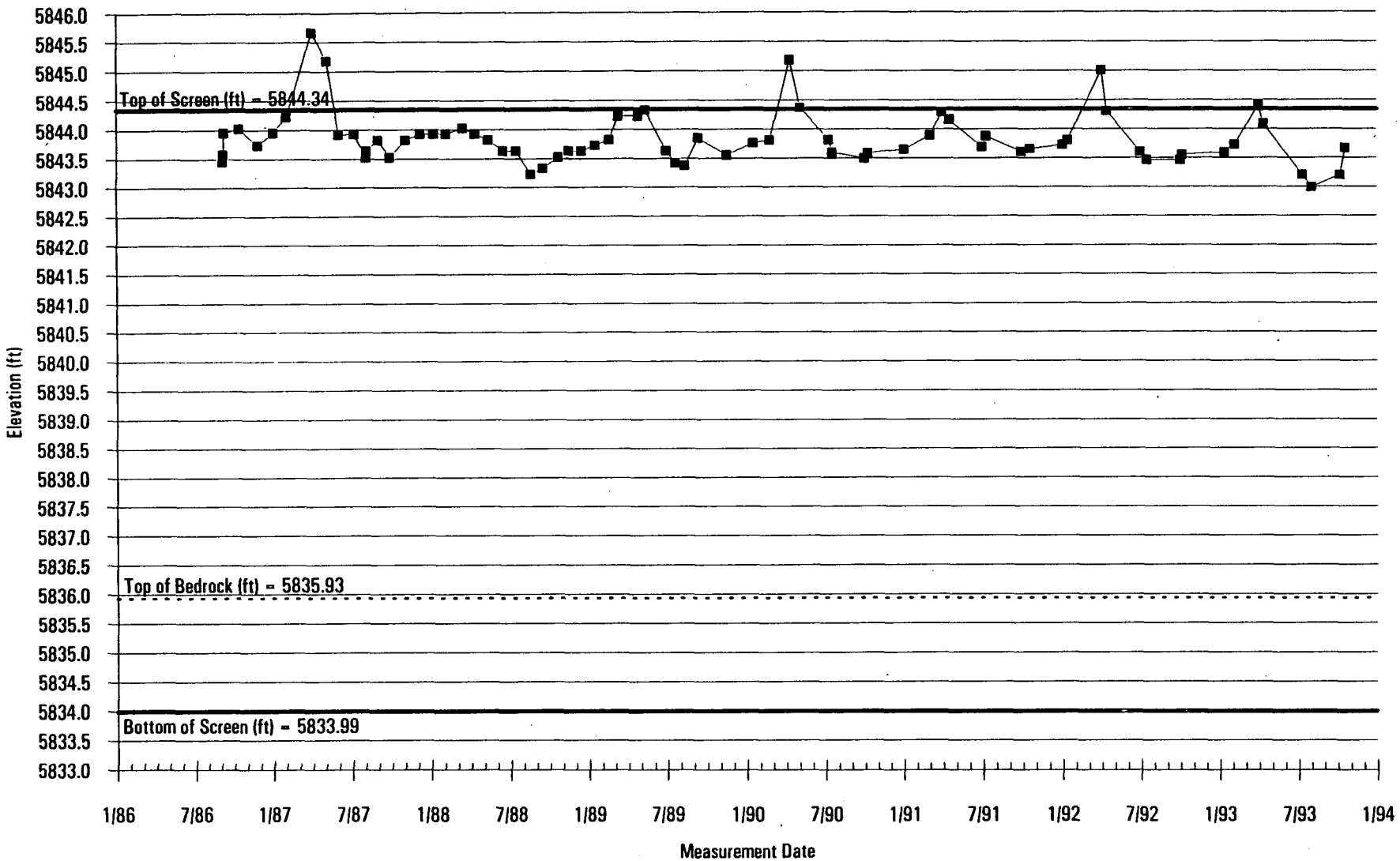
Monitoring Locations P207789: 1993 Water Table Elevation and Precipitation
Gr. Elev. (ft) = 5965.88
(Bedrock)



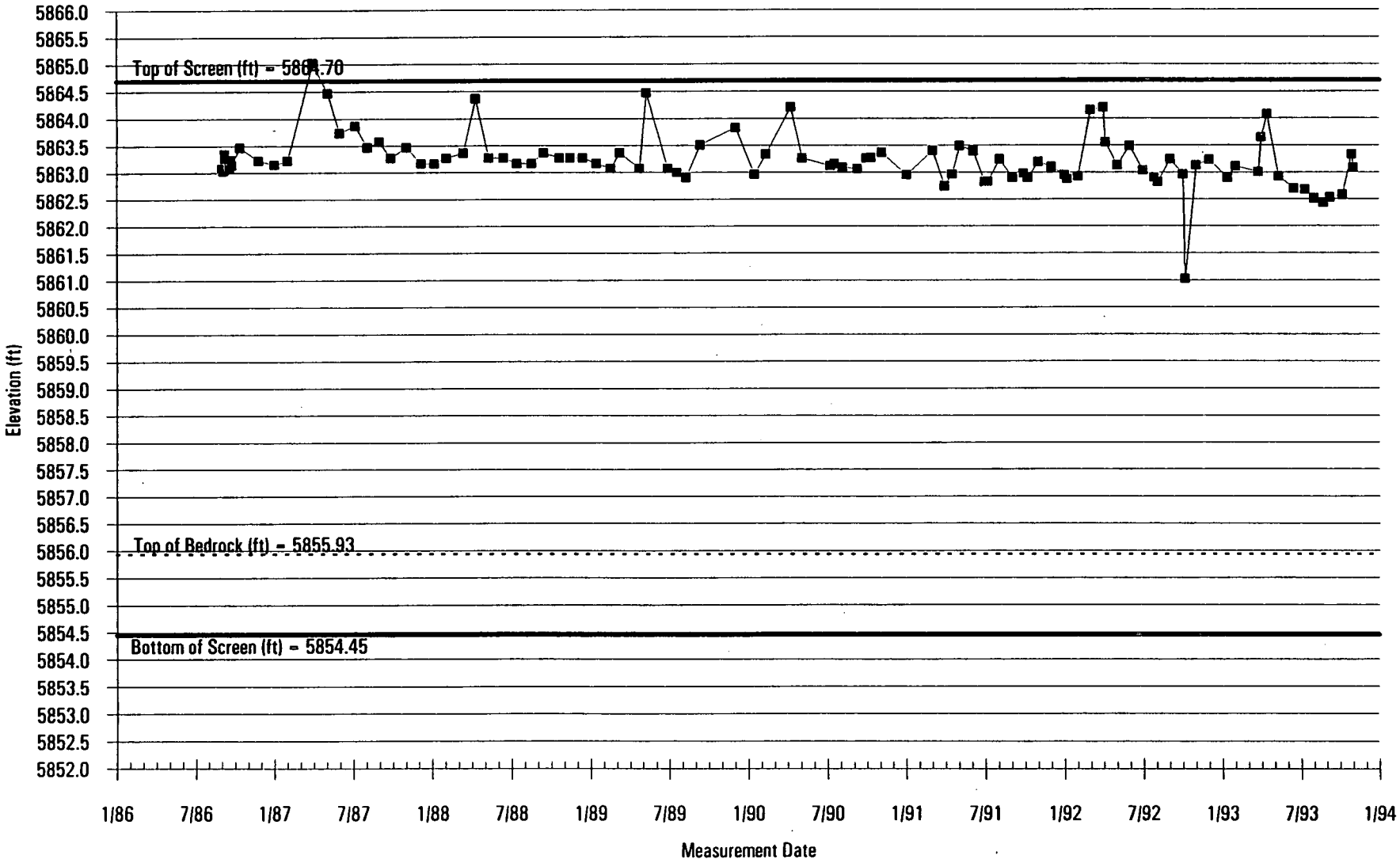
Hydrograph 1386 - OU4
Gr. Elev. (ft) = 5840.5
(Alluvium)



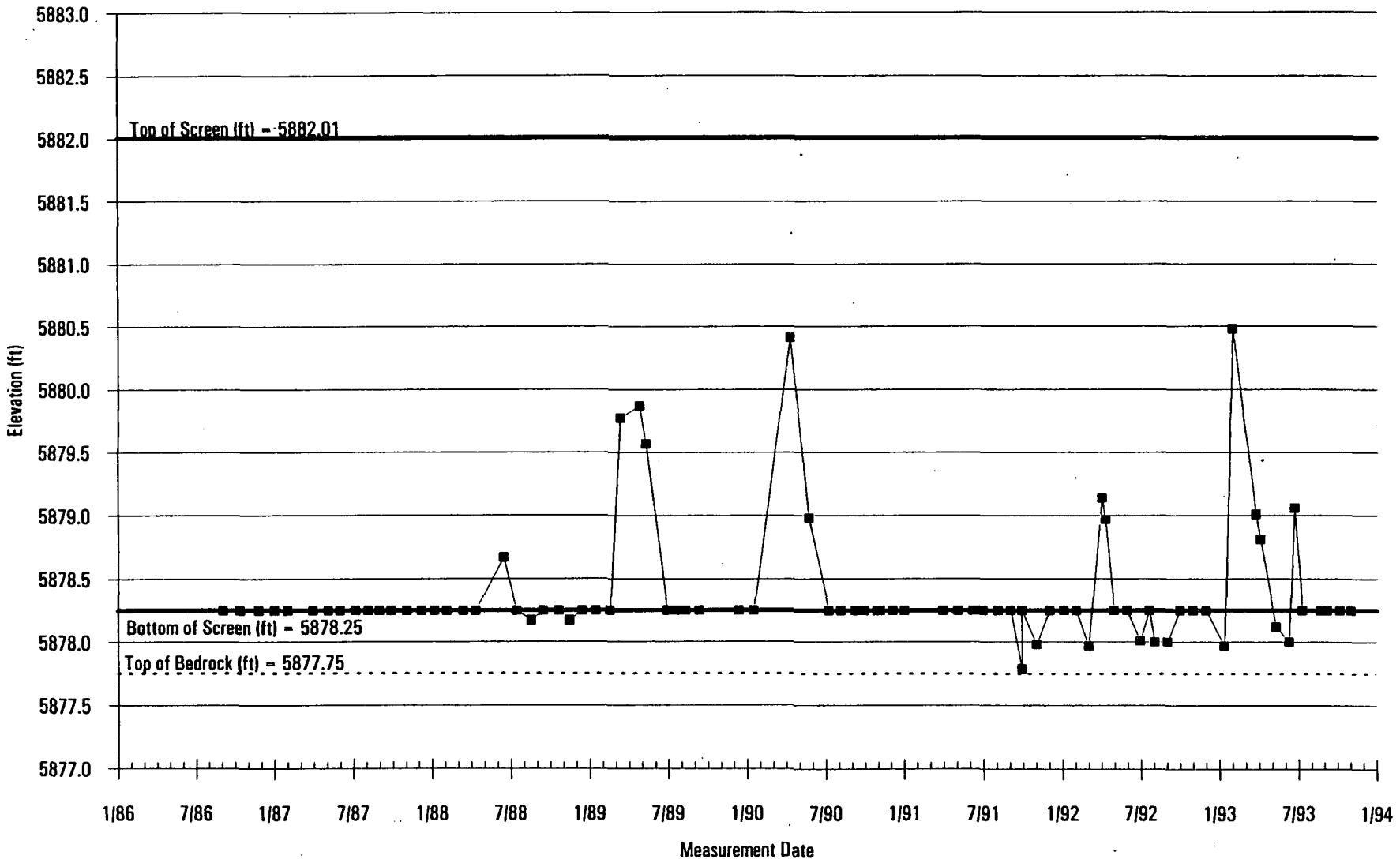
Hydrograph 1586 - OU4
Gr. Elev. (ft) = 5848.4
(Alluvium)



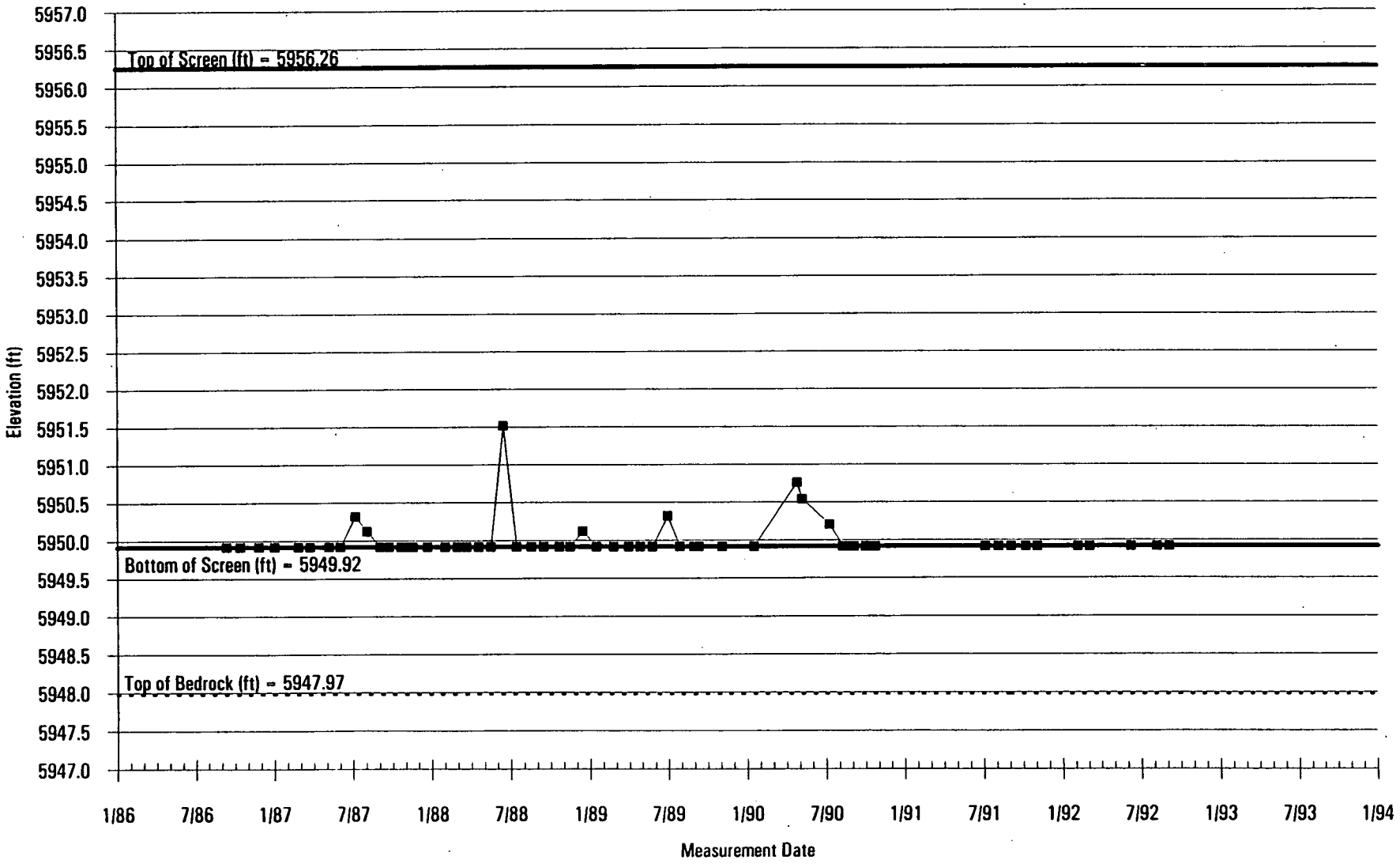
Hydrograph 1786 - OU4
Gr. Elev. (ft) = 5868.4
(Alluvium)



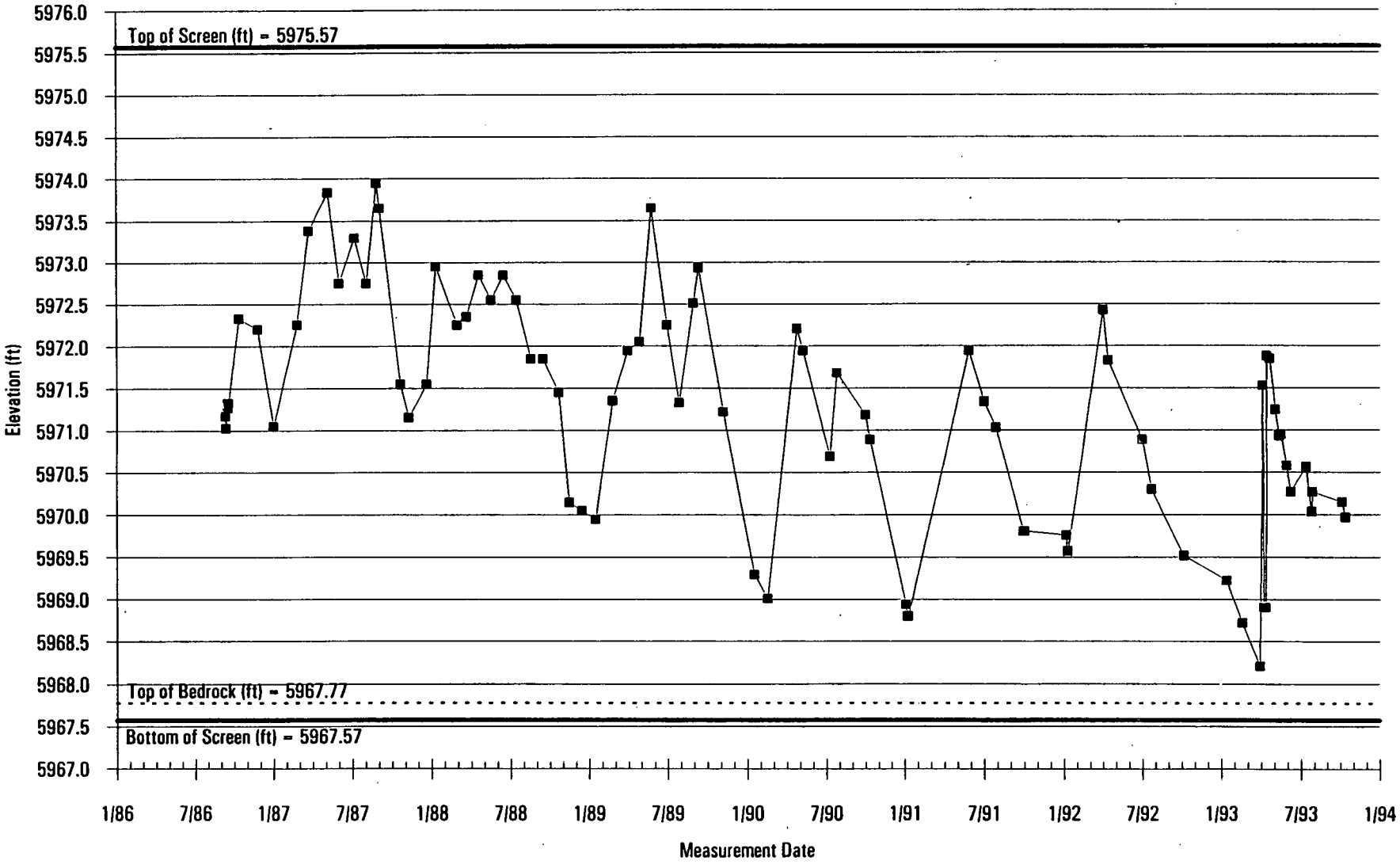
Hydrograph 1886 - OU4
Gr. Elev. (ft) = 5885.8
(Alluvium)



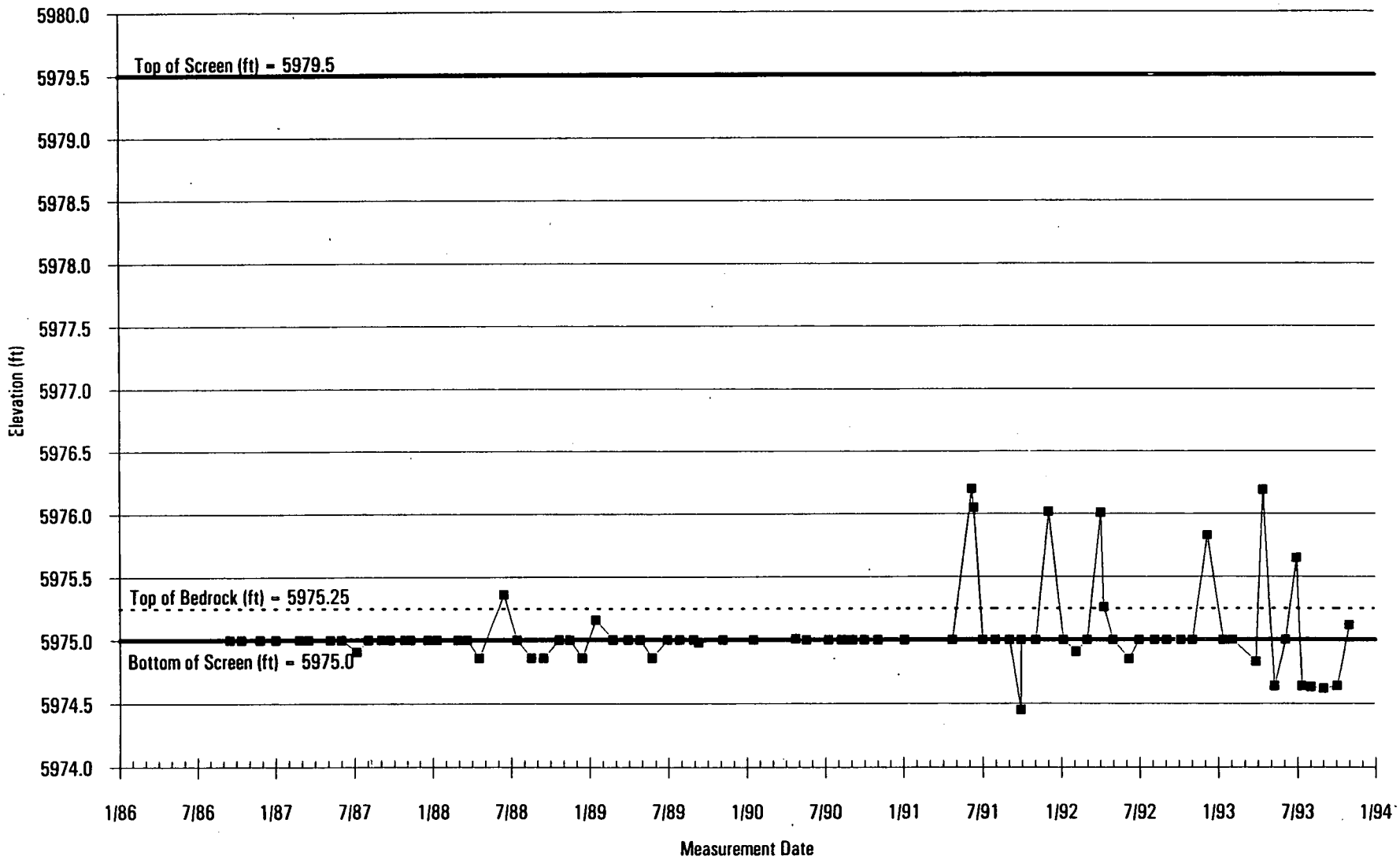
Hydrograph 2086 - OU4
Gr. Elev. (ft) = 5960.5
(Alluvium)



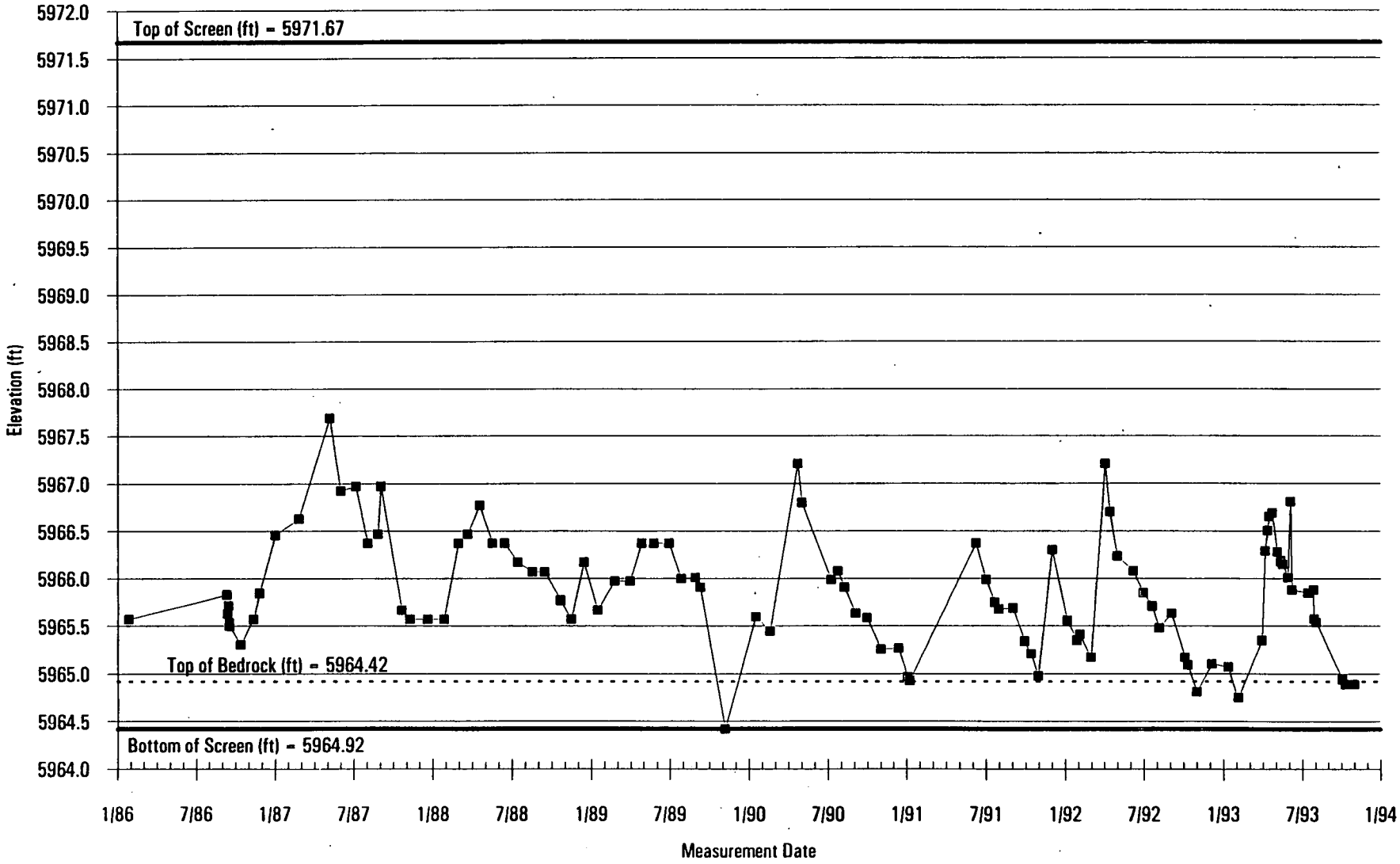
Hydrograph 2286 - OU4
Gr. Elev. (ft) = 5978.8
(Alluvium)

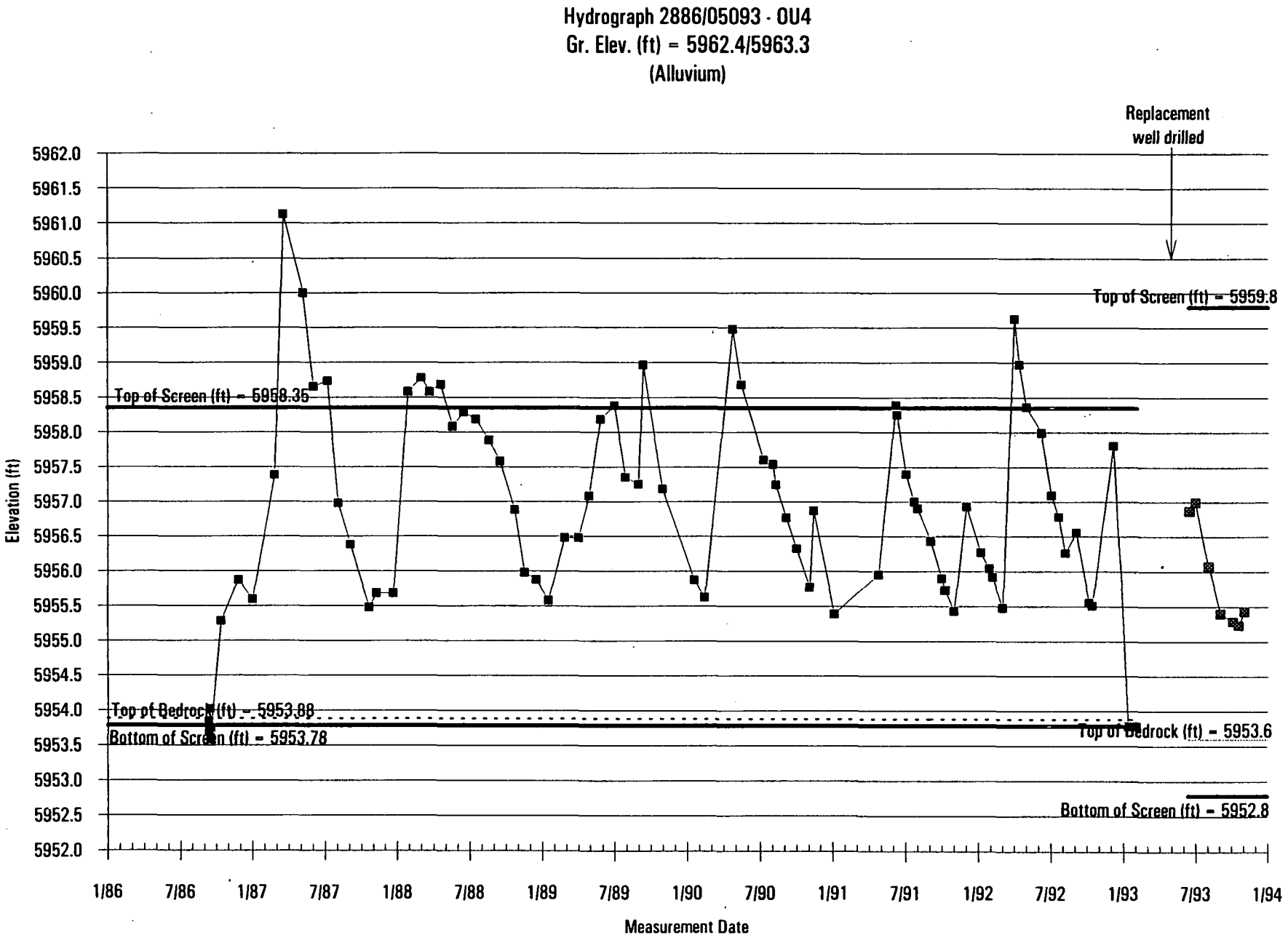


Hydrograph 2486 - OU4
Gr. Elev. (ft) = 5982.5
(Alluvium)



Hydrograph 2686 - OU4
Gr. Elev. (ft) = 5975.4
(Alluvium)




Hydrograph 2886/05093 - OU4
Gr. Elev. (ft) = 5962.4/5963.3
(Alluvium)
Replacement well drilled
Top of Screen (ft) = 5959.8
Top of Screen (ft) = 5958.35
Top of Bedrock (ft) = 5953.88
Bottom of Screen (ft) = 5953.78
Top of Bedrock (ft) = 5953.6
Bottom of Screen (ft) = 5952.8
Elevation (ft)
5962.0
5961.5
5961.0
5960.5
5960.0
5959.5
5959.0
5958.5
5958.0
5957.5
5957.0
5956.5
5956.0
5955.5
5955.0
5954.5
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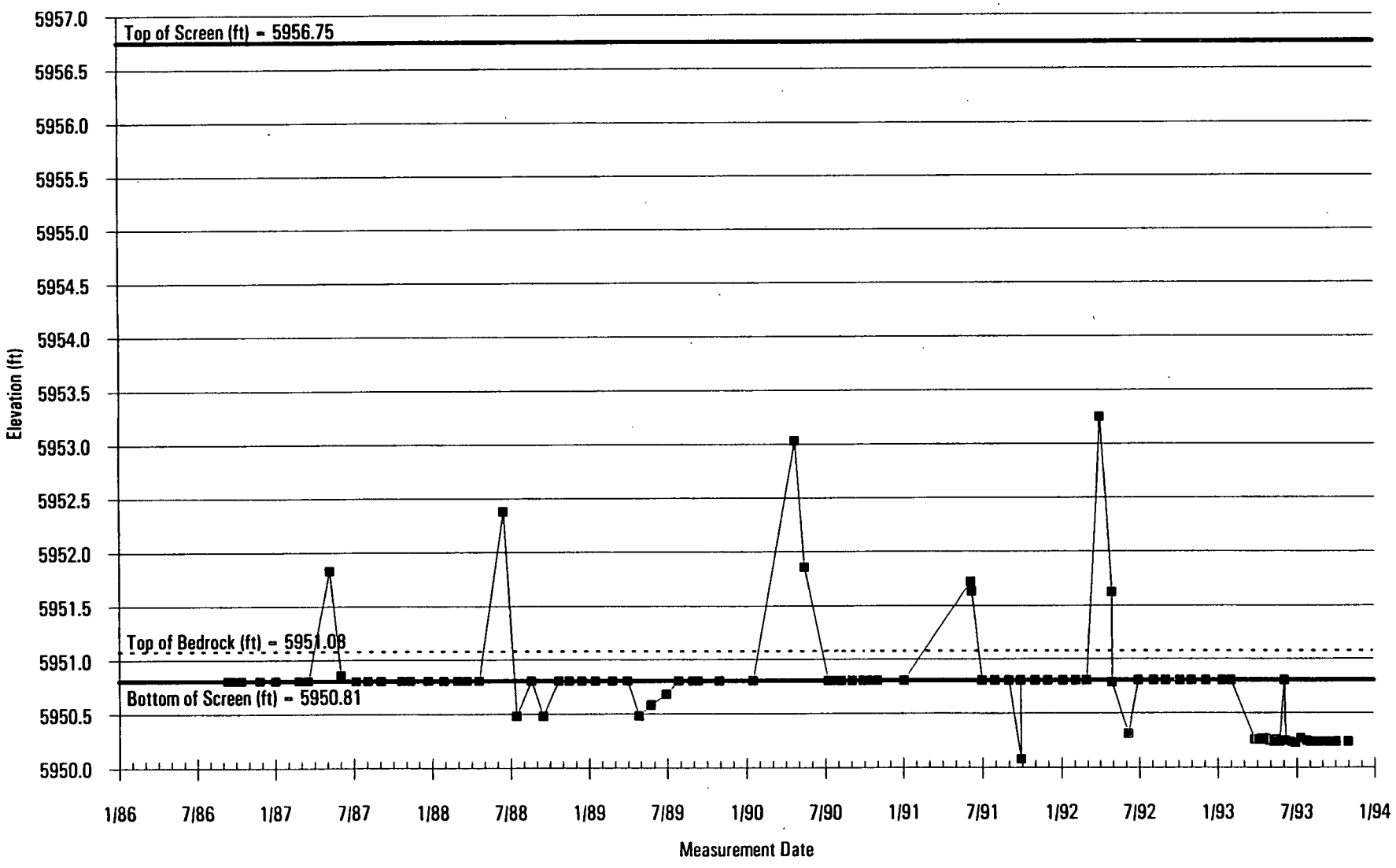
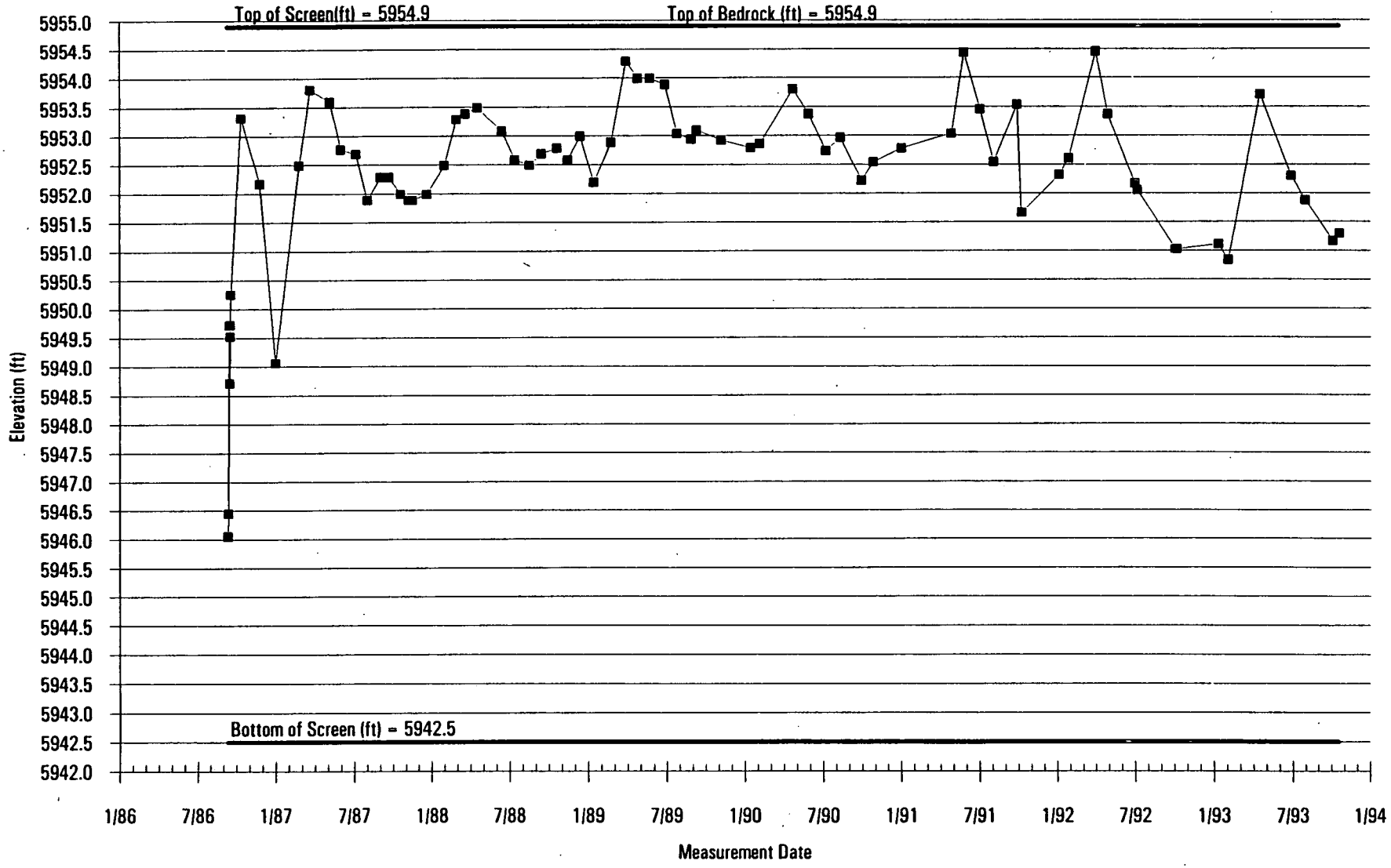
5953.5
5953.0
5952.5
5952.0
1/86
7/86
1/87
7/87
1/88
7/88
1/89
7/89
1/90
7/90
1/91
7/91
1/92
7/92
1/93
7/93
1/94
Measurement Date

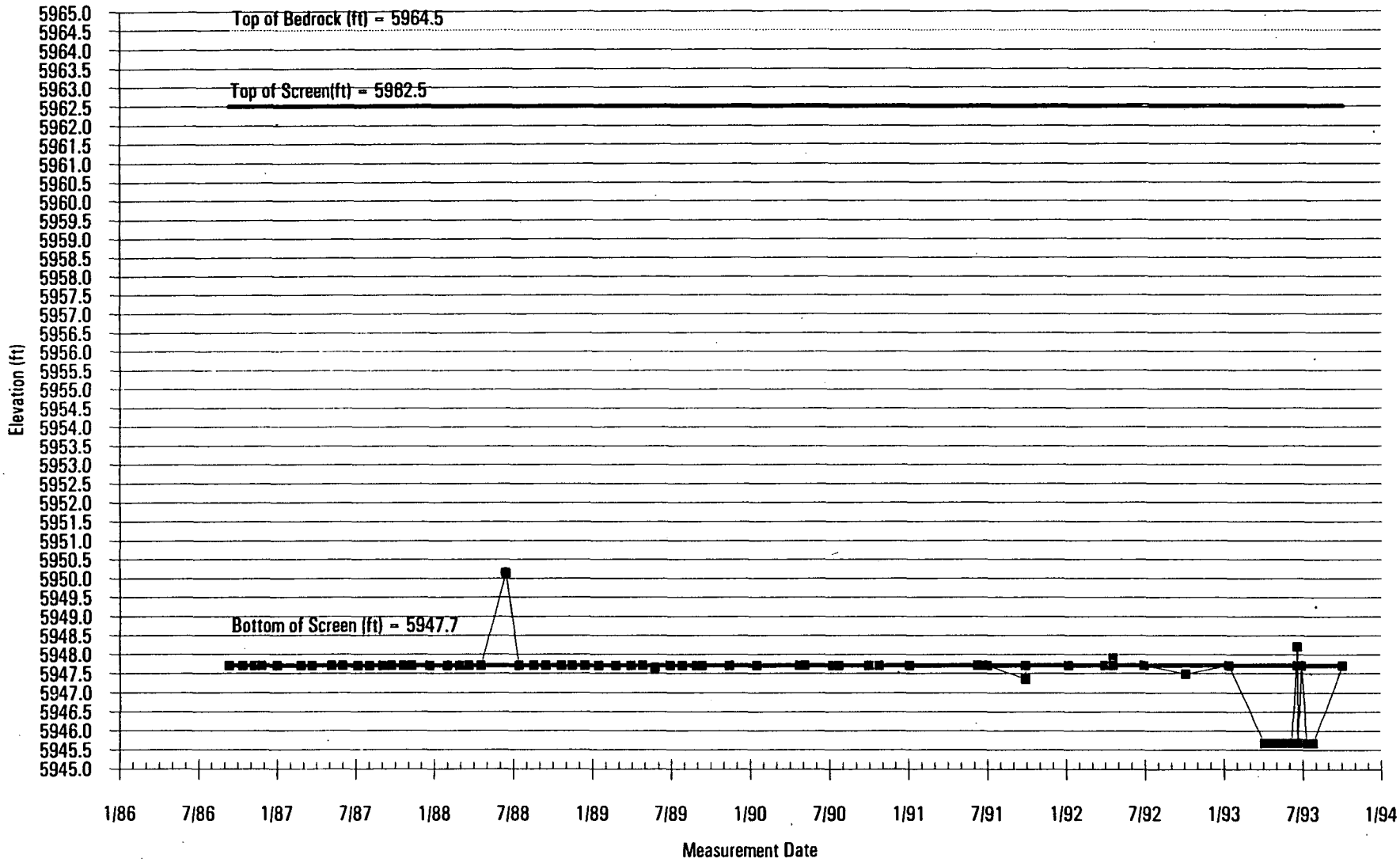
Hydrograph 2986 - OU4
Gr. Elev. (ft) = 5959.6
(Alluvium)

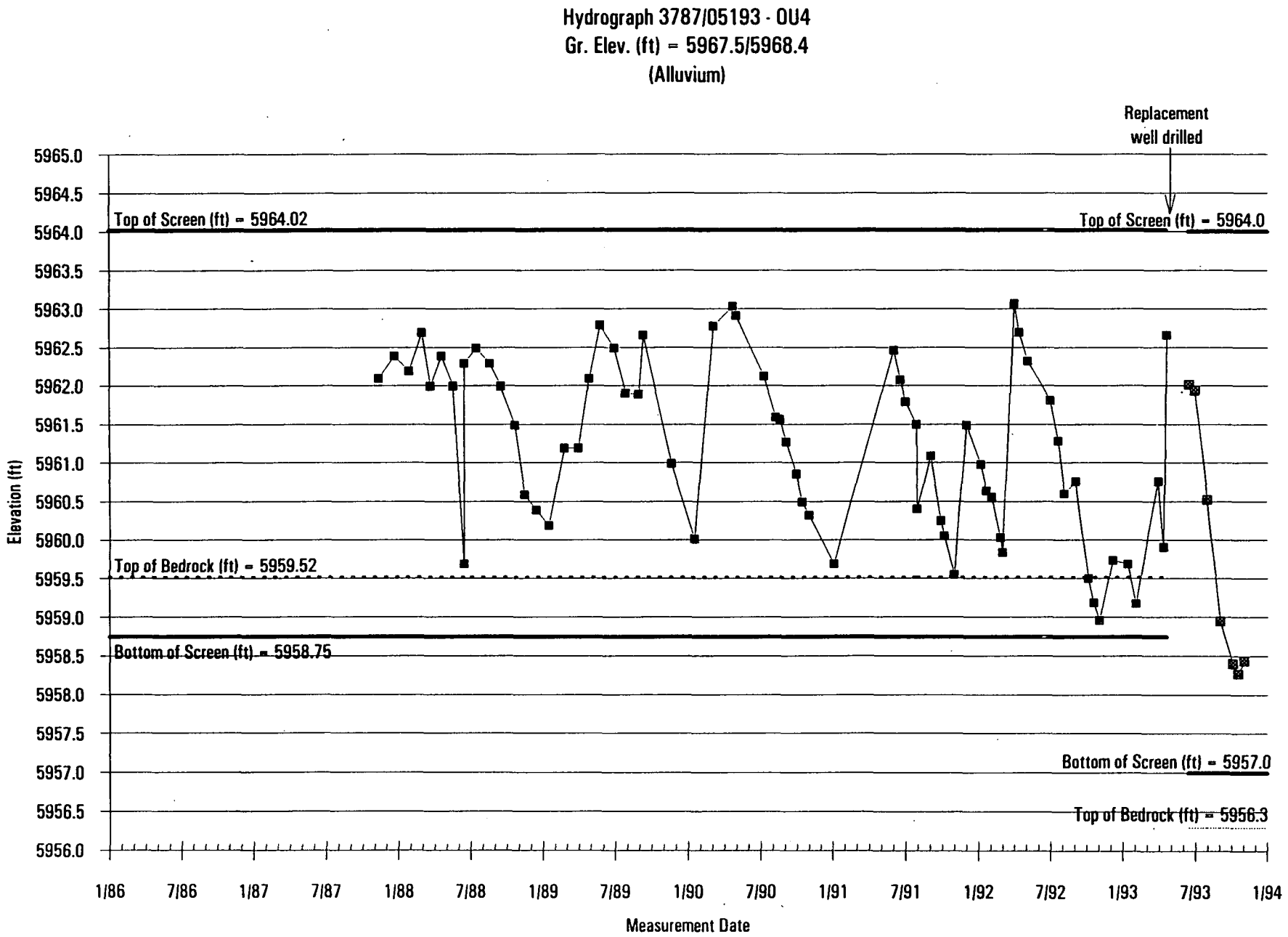


Hydrograph 3086
Gr. Elev. (ft) = 5957.4
(Bedrock)

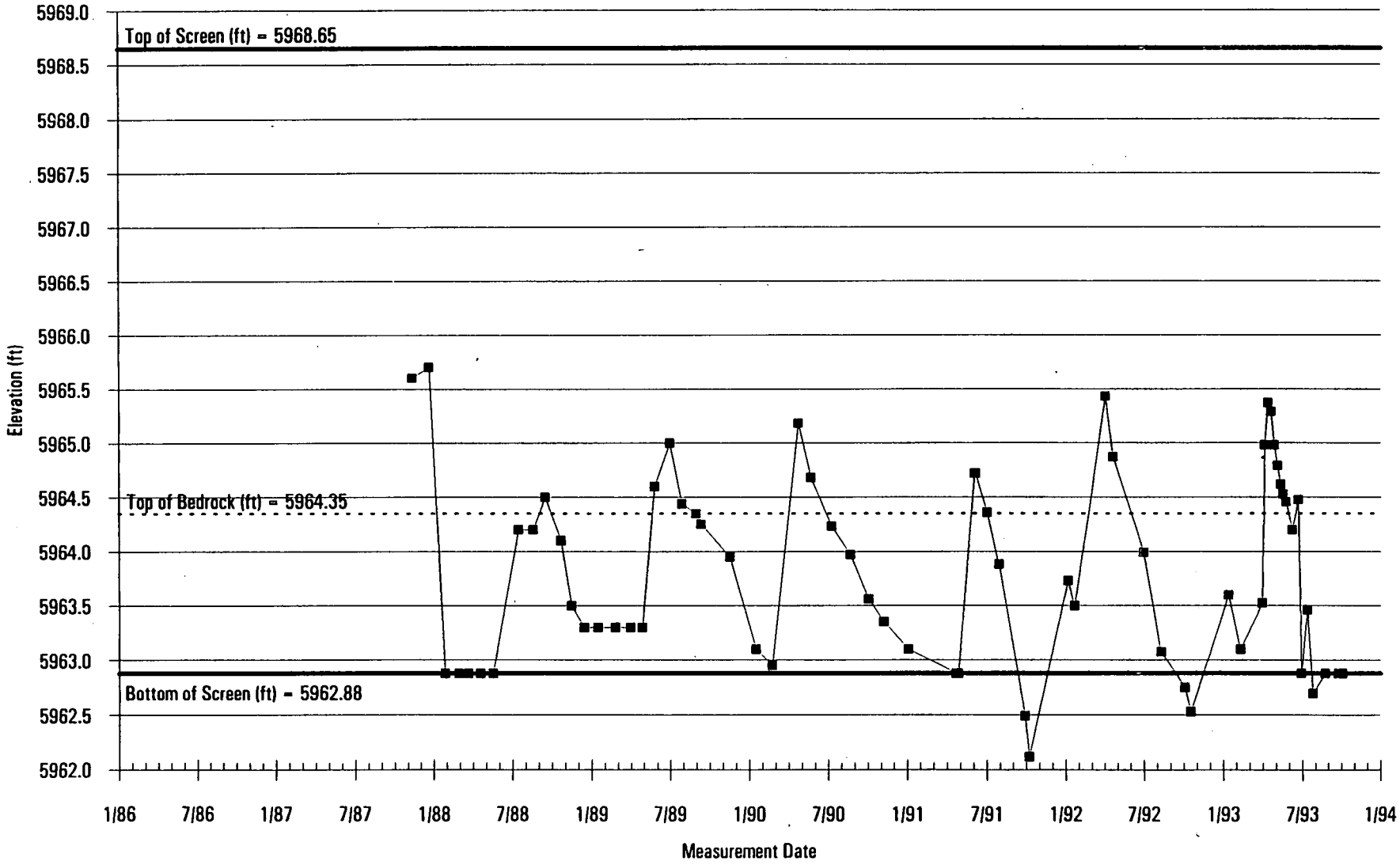


Hydrograph 3186
Gr. Elev. (ft) = 5965.0
(Bedrock)

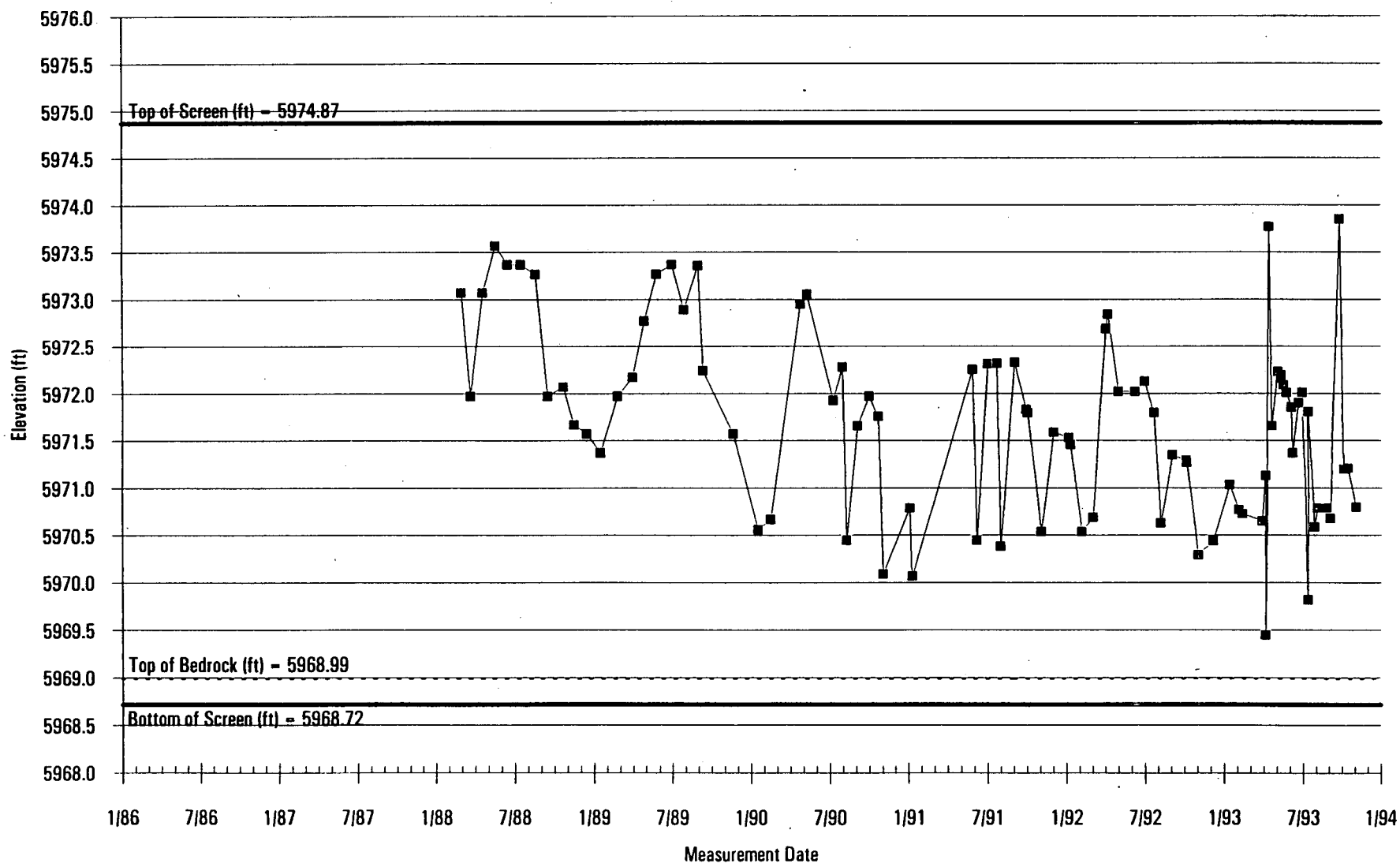



Hydrograph 3787/05193 - OU4
Gr. Elev. (ft) = 5967.5/5968.4
(Alluvium)
Replacement well drilled
Top of Screen (ft) = 5964.02
Top of Screen (ft) = 5964.0
Top of Bedrock (ft) = 5959.52
Bottom of Screen (ft) = 5958.75
Bottom of Screen (ft) = 5957.0
Top of Bedrock (ft) = 5956.3
Elevation (ft)
5965.0
5964.5
5964.0
5963.5
5963.0
5962.5
5962.0
5961.5
5961.0
5960.5
5960.0
5959.5
5959.0
5958.5
5958.0
5957.5
5957.0
5956.5
5956.0
1/86
7/86
1/87
7/87
1/88
7/88
1/89
7/89
1/90
7/90
1/91
7/91
1/92
7/92
1/93
7/93
1/94
Measurement Date

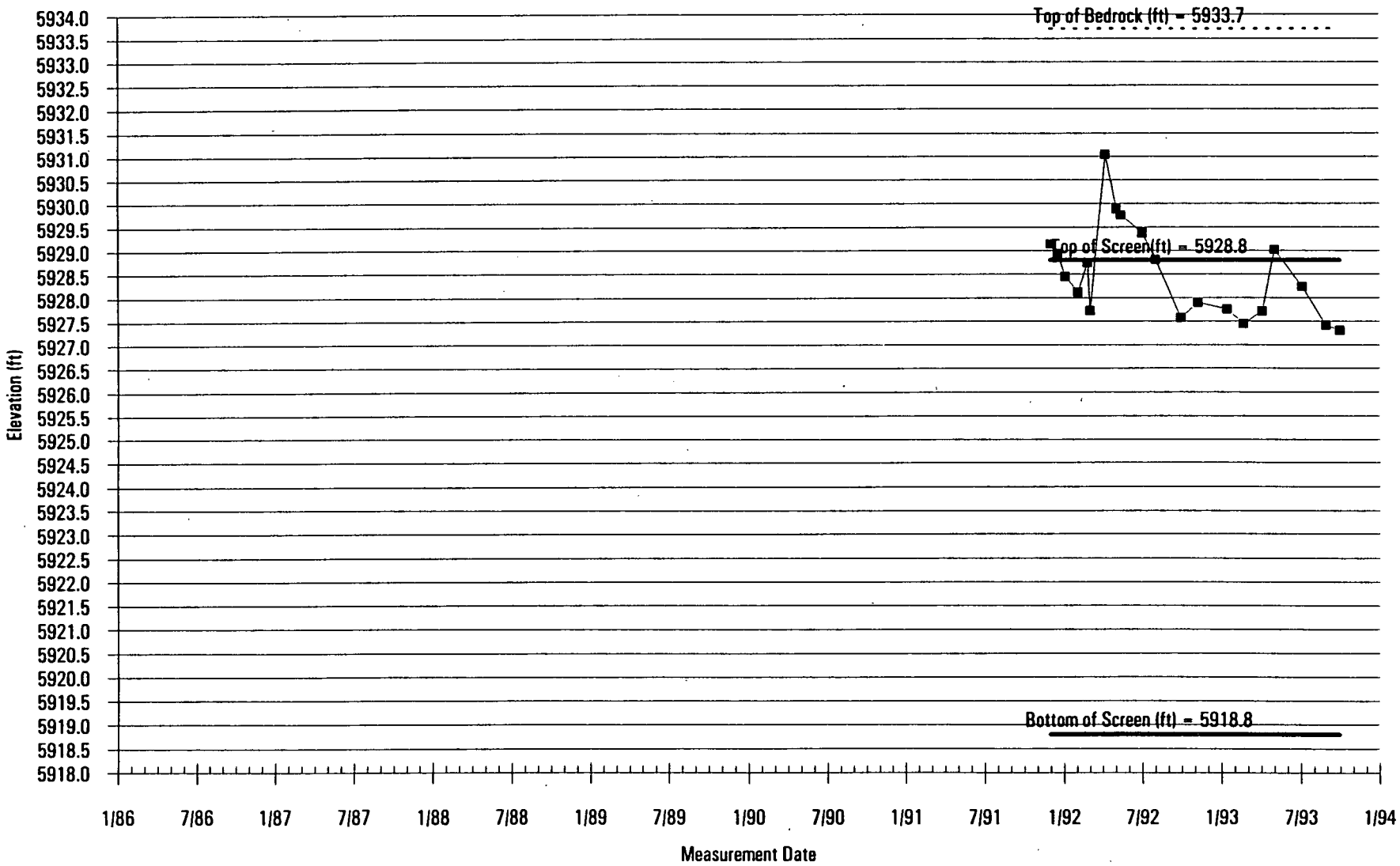
Hydrograph 3887 - OU4
Gr. Elev. (ft) = 5972.2
(Alluvium)

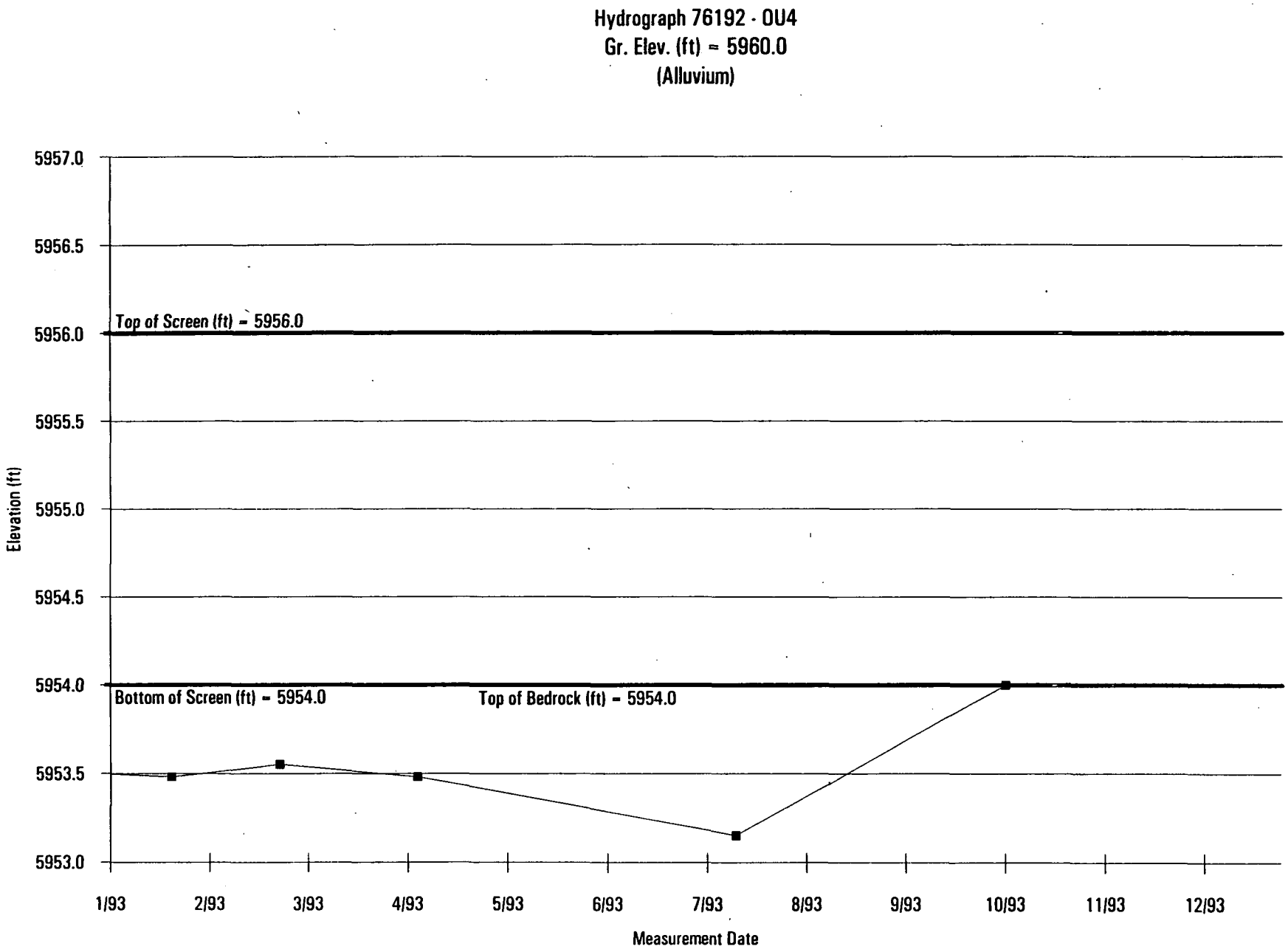


Hydrograph 5687 - OU4
Gr. Elev. (ft) = 5978.4
(Alluvium)

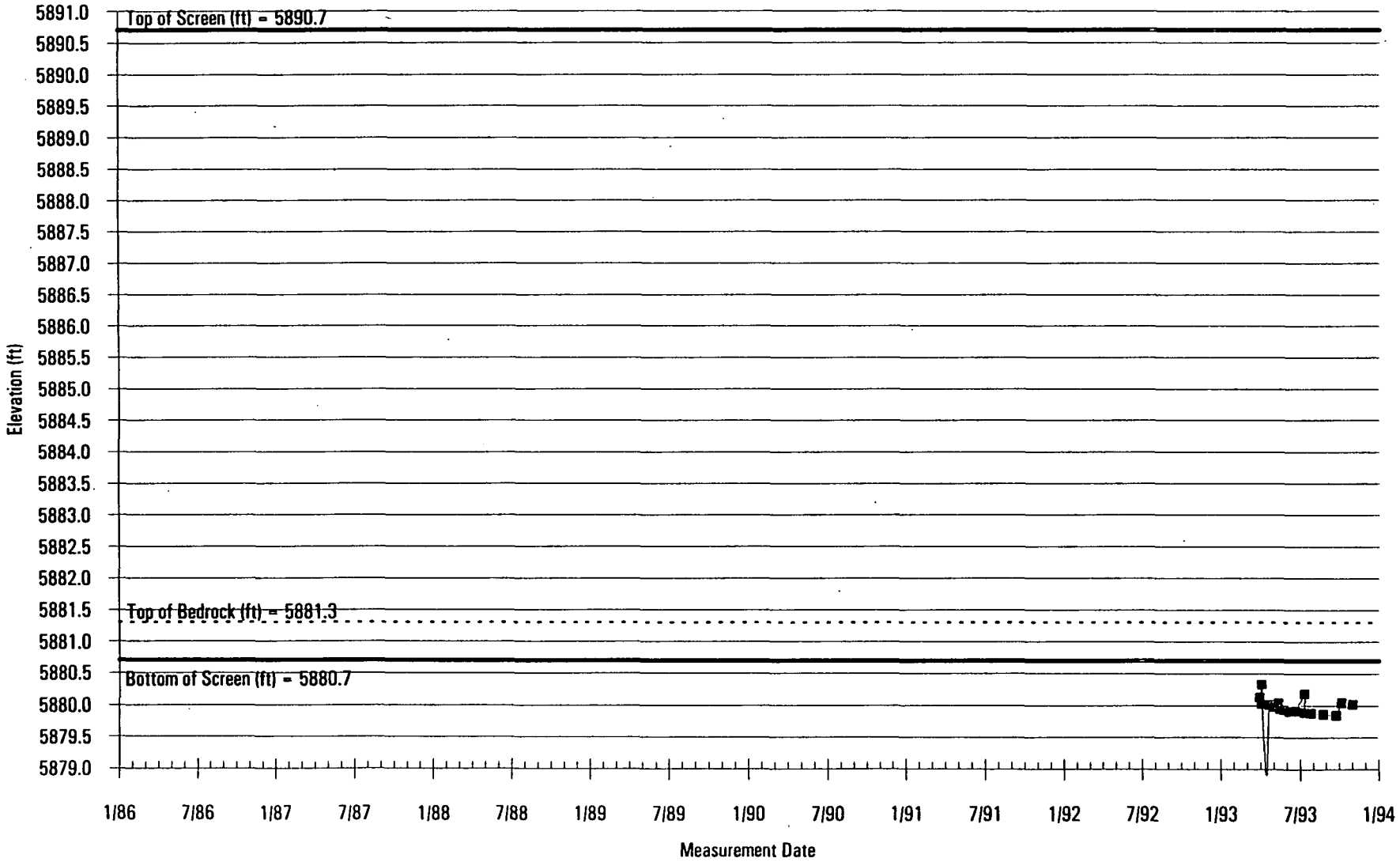


Hydrograph 02691
Gr. Elev. (ft) = 5934.8
(Bedrock)

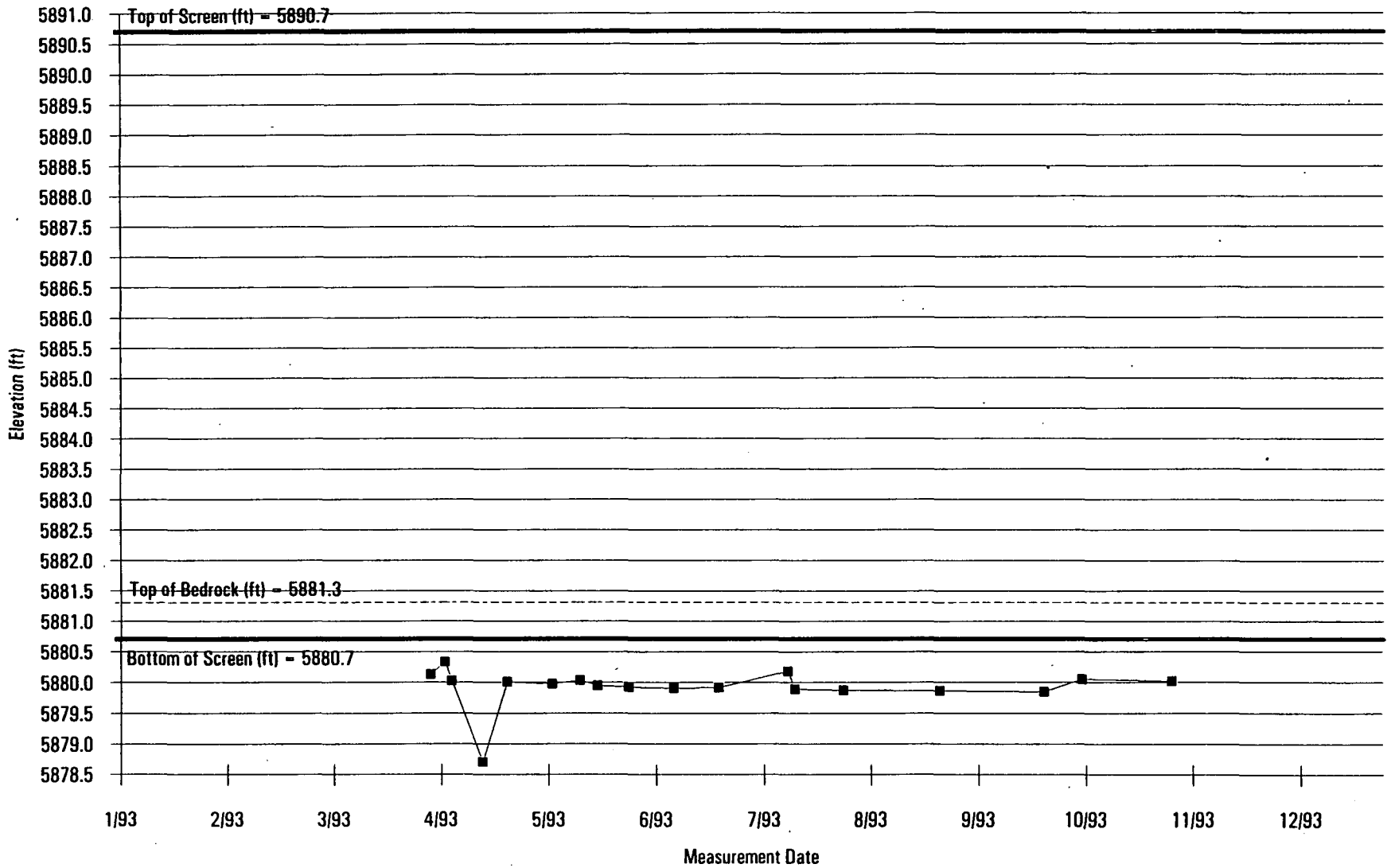



Hydrograph 76192 - OU4
Gr. Elev. (ft) = 5960.0
(Alluvium)
Top of Screen (ft) = 5956.0
Bottom of Screen (ft) = 5954.0
Top of Bedrock (ft) = 5954.0
Elevation (ft)
5957.0
5956.5
5956.0
5955.5
5955.0
5954.5
5954.0
5953.5
5953.0
1/93
2/93
3/93
4/93
5/93
6/93
7/93
8/93
9/93
10/93
11/93
12/93
Measurement Date

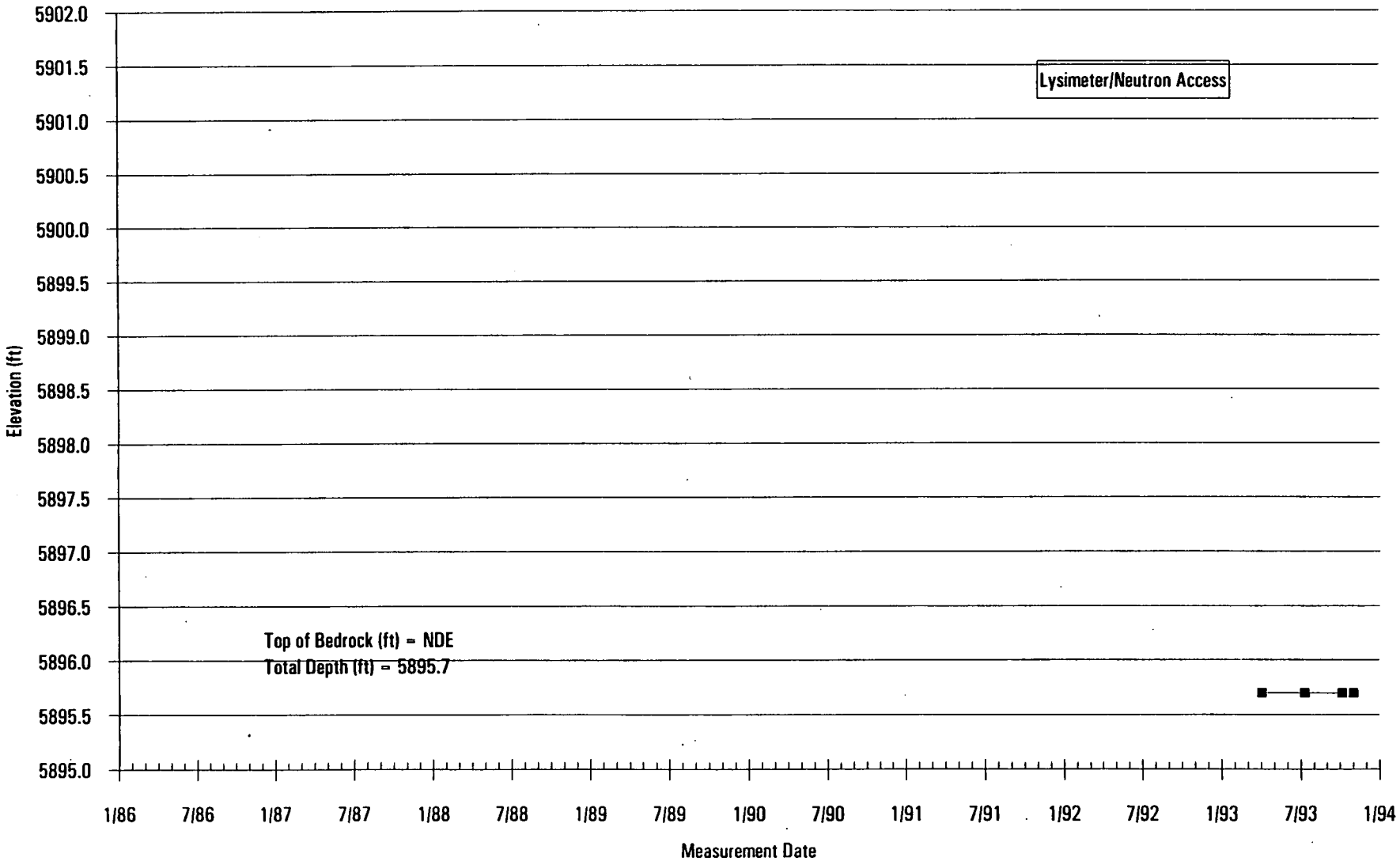
Hydrograph 40193 - OU4
Gr. Elev. (ft) = 5902.70
(Alluvium)



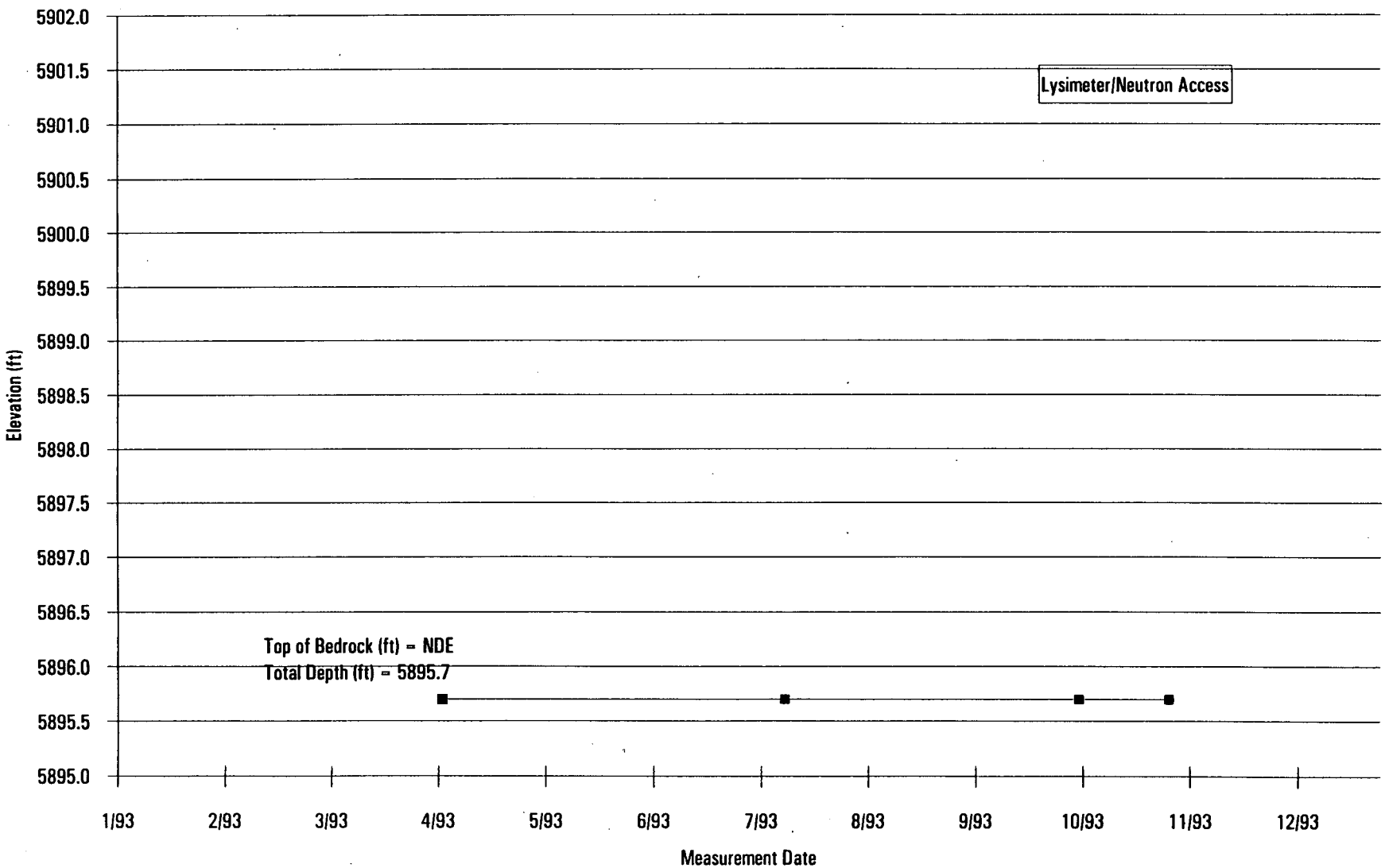
Hydrograph 40193 - OU4
Gr. Elev. (ft) = 5902.70
(Alluvium)



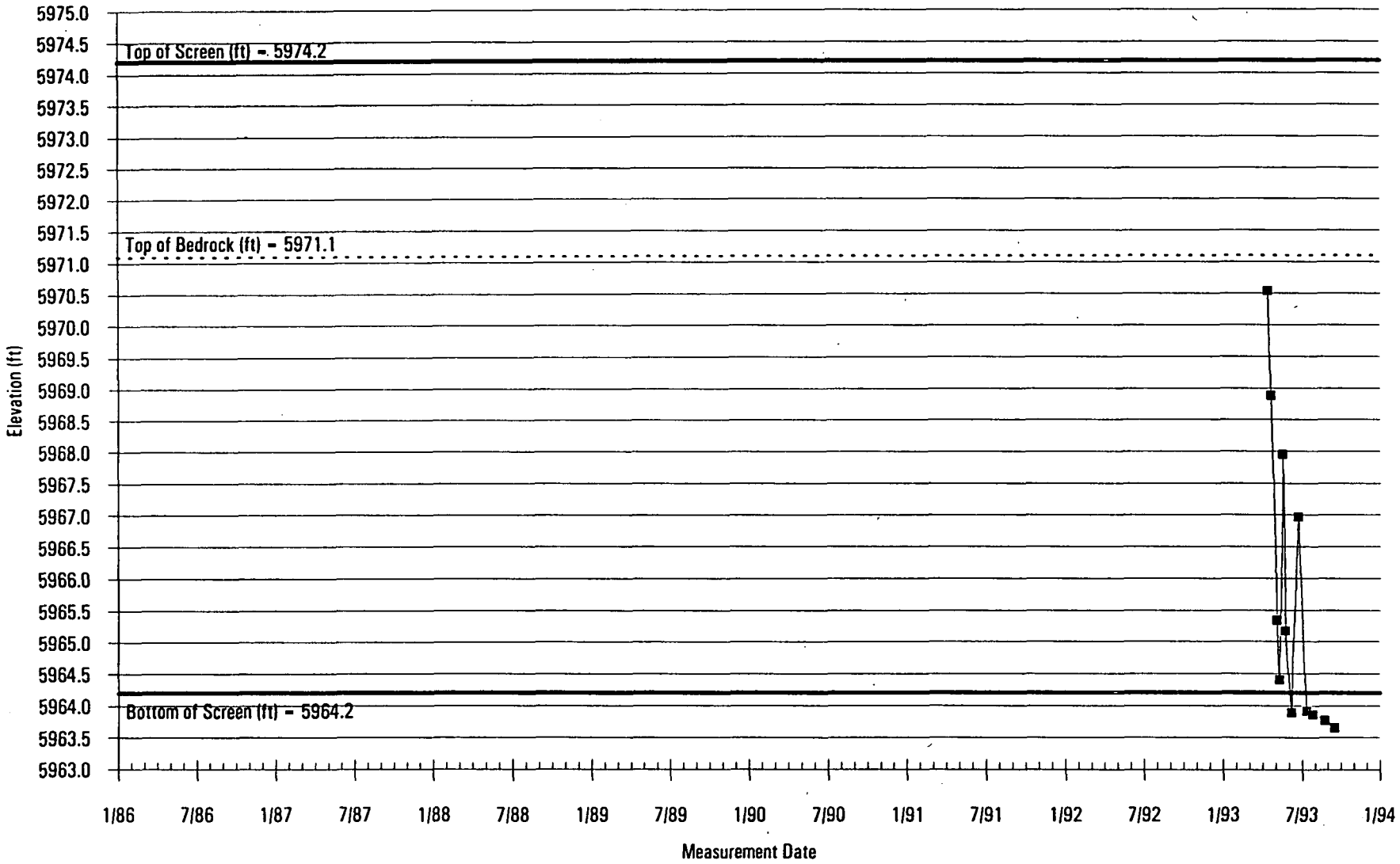
Hydrograph 40293 - OU4
Gr. Elev. (ft) = 5901.9
(Alluvium)



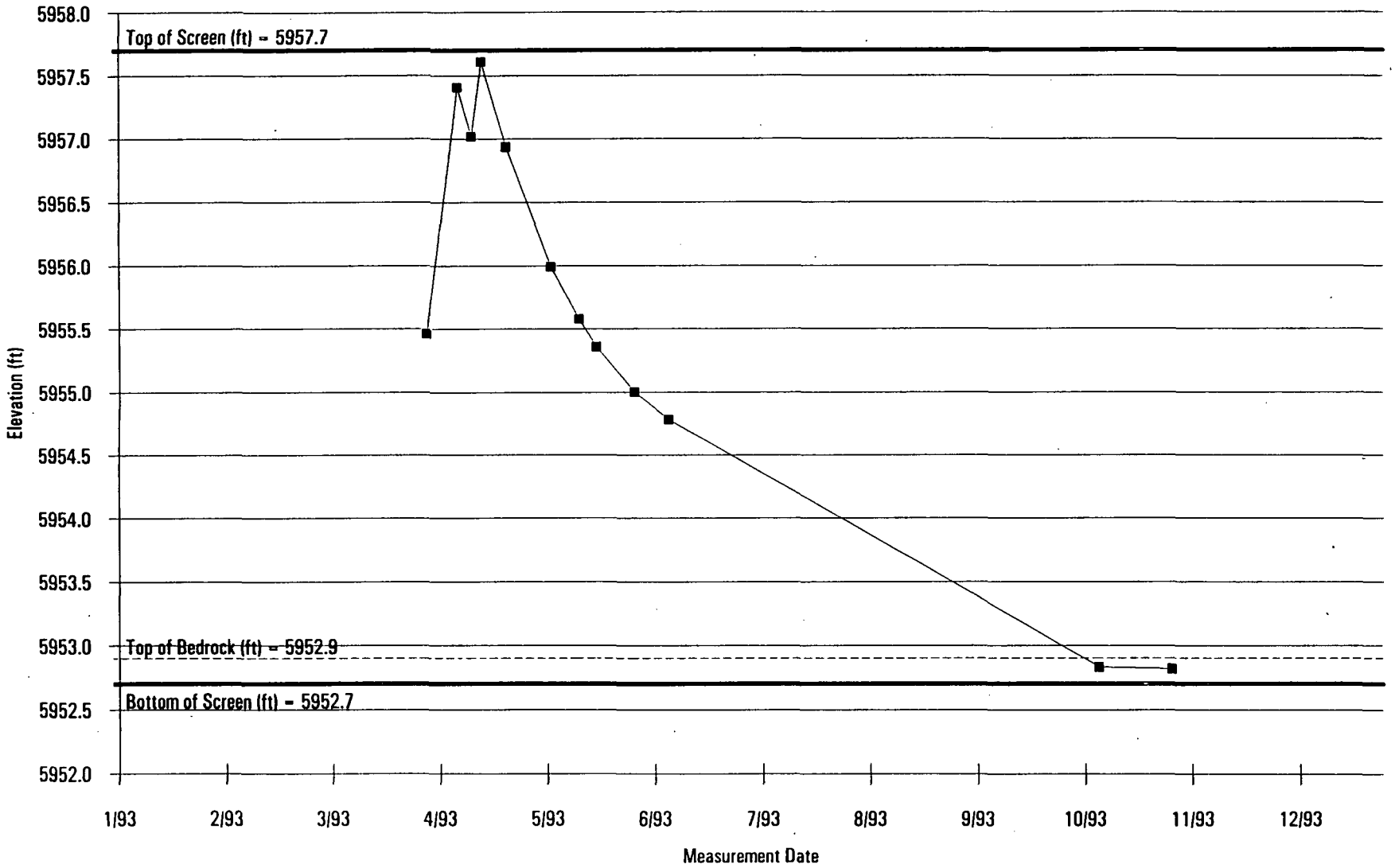
Hydrograph 40293 - OU4
Gr. Elev. (ft) = 5901.9
(Alluvium)



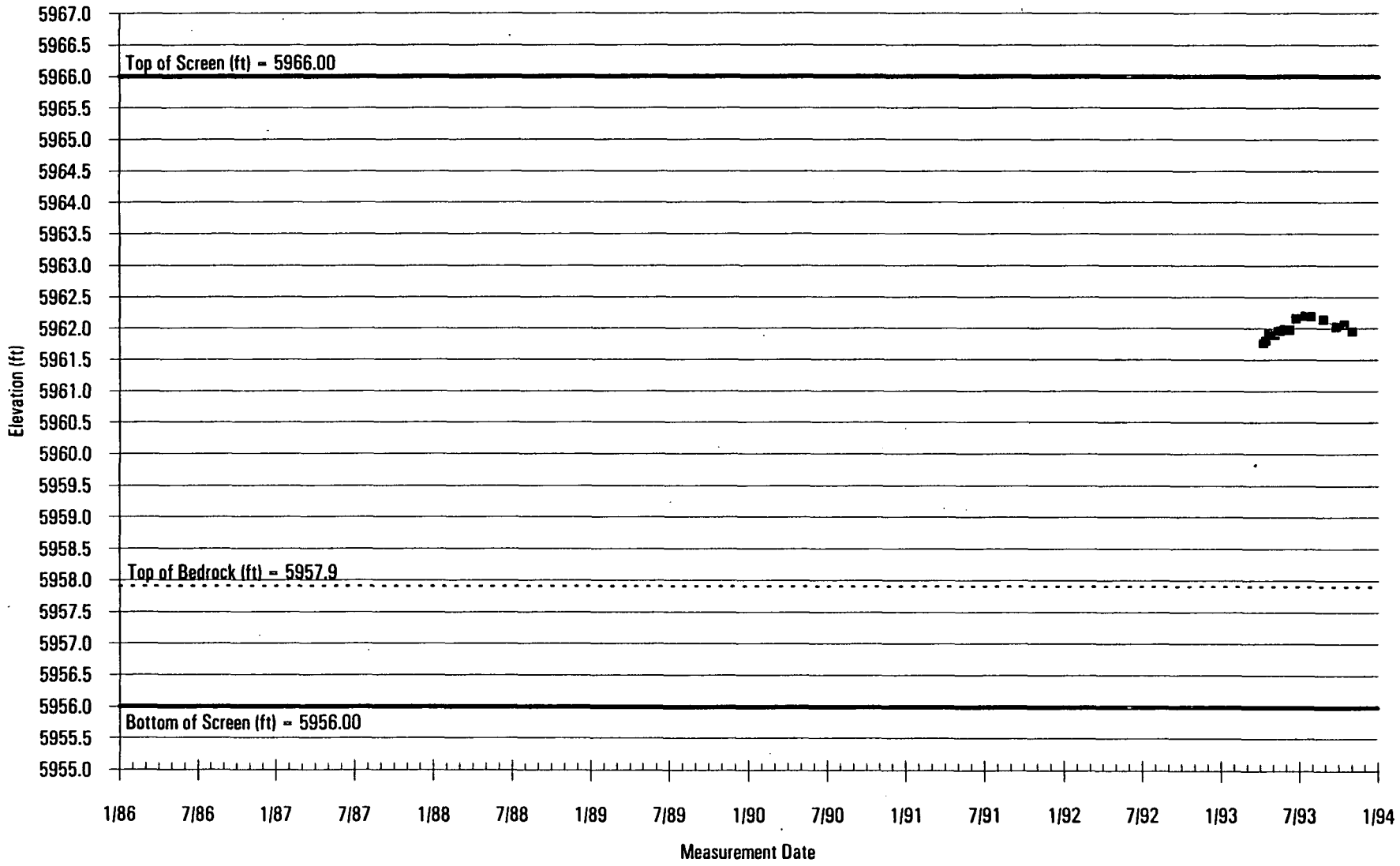
Hydrograph 41993 - OU4
Gr. Elev. (ft) = 5978.7
(Bedrock)



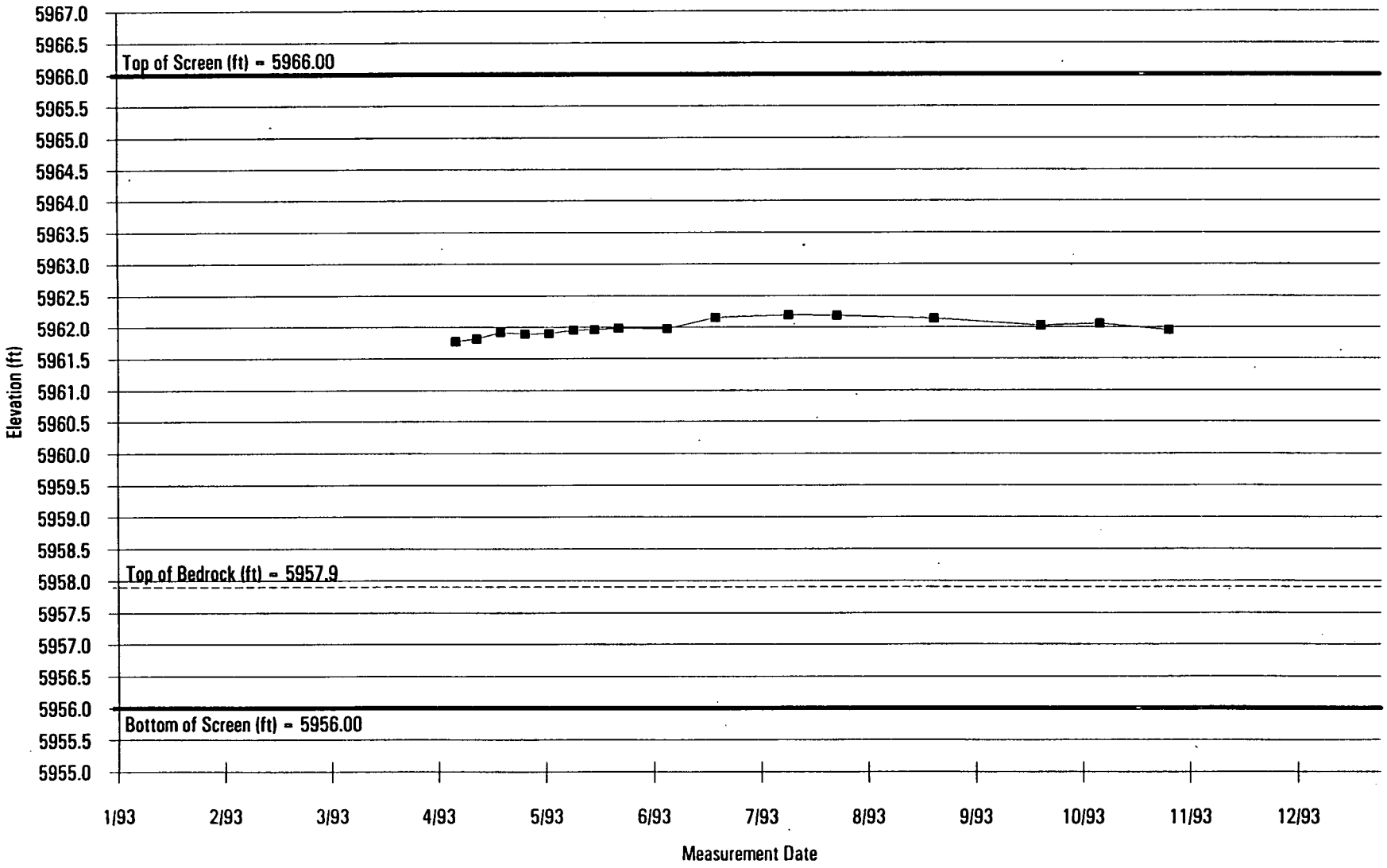
Hydrograph 41193 - OU4
Gr. Elev. (ft) = 5960.70
(Alluvium)



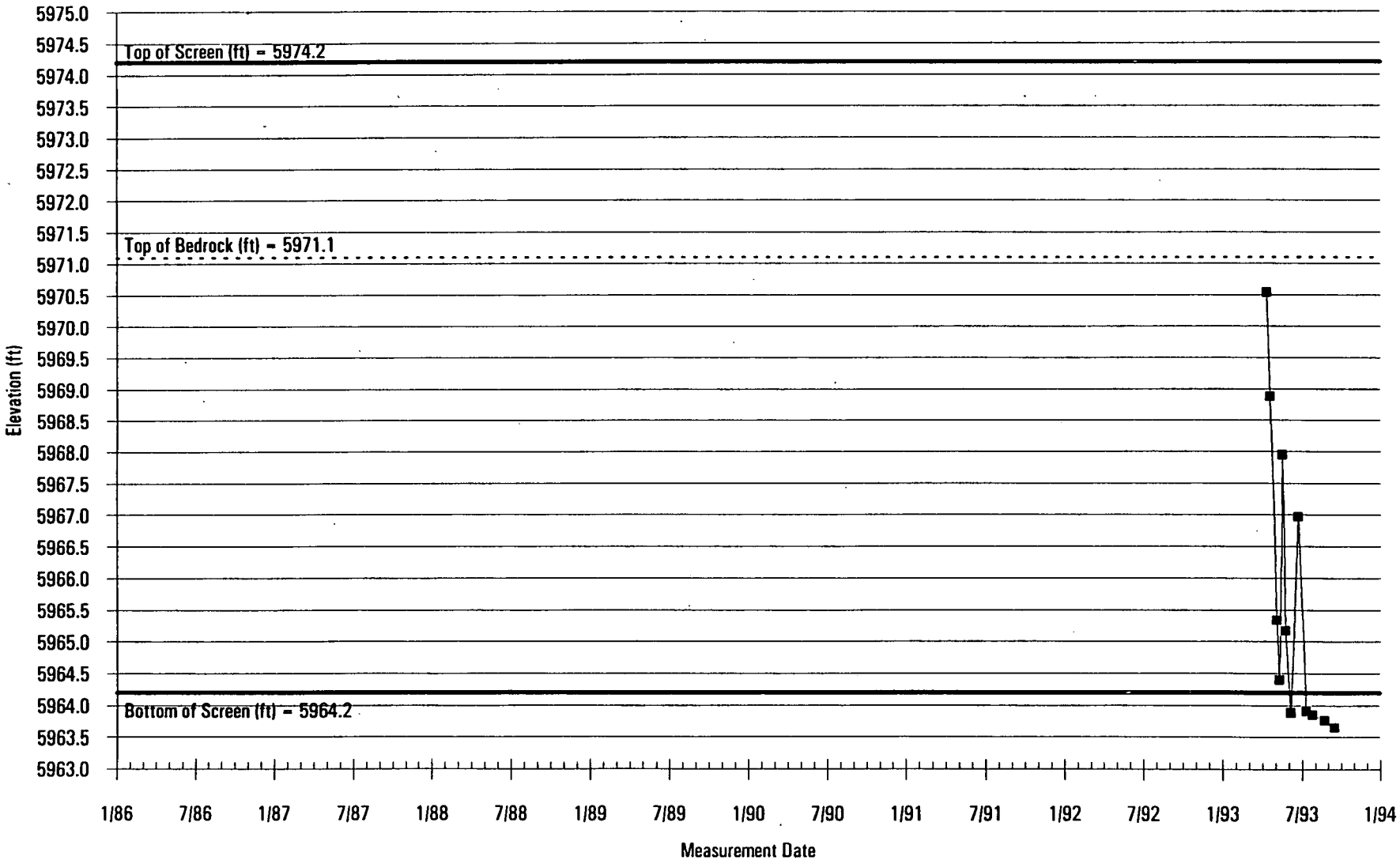
Hydrograph 41693 - OU4
Gr. Elev. (ft) = 5972.00
(Alluvium)



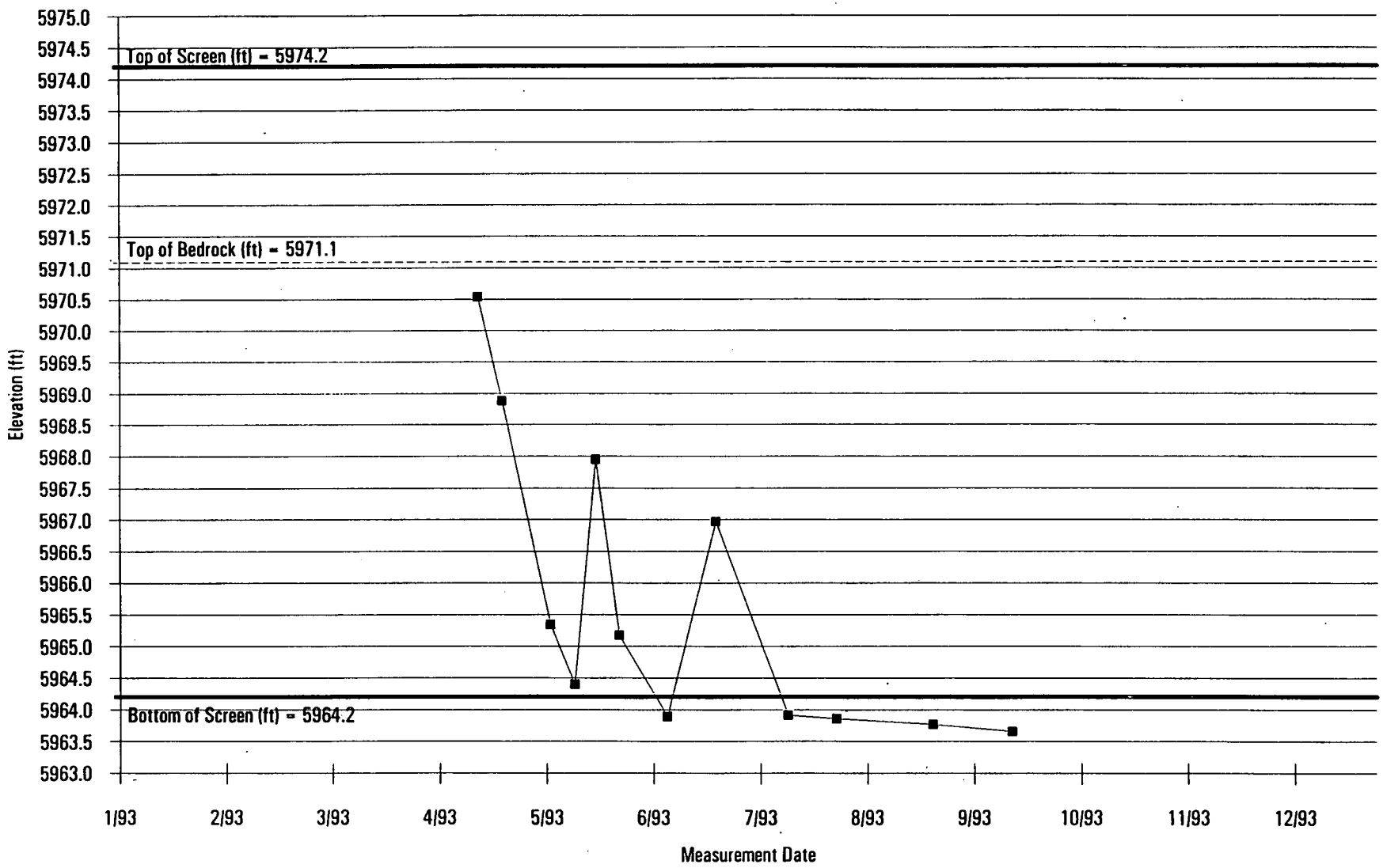
Hydrograph 41693 - OU4
Gr. Elev. (ft) = 5972.00
(Alluvium)



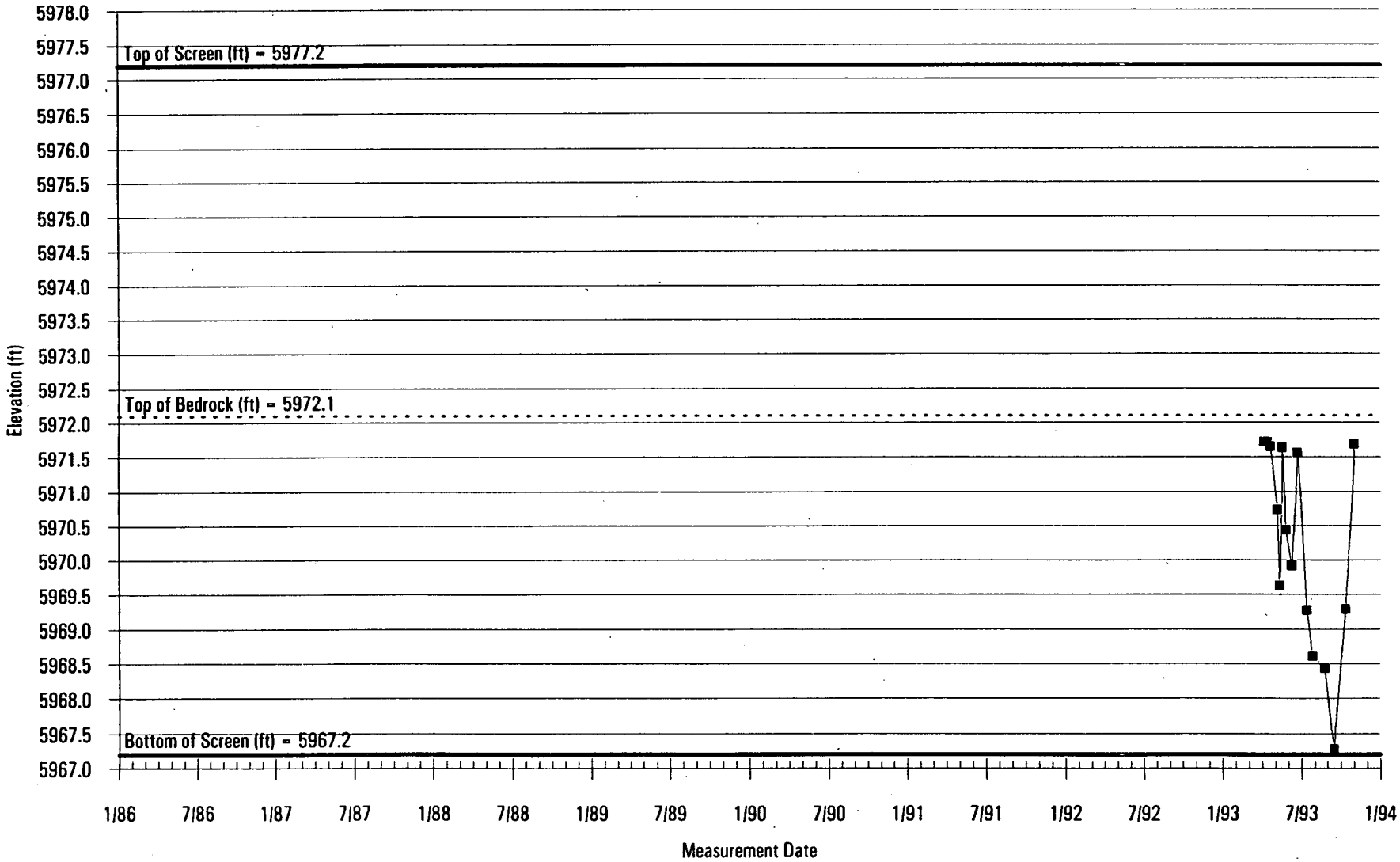
Hydrograph 41993 - OU4
Gr. Elev. (ft) = 5978.7
(Alluvium)



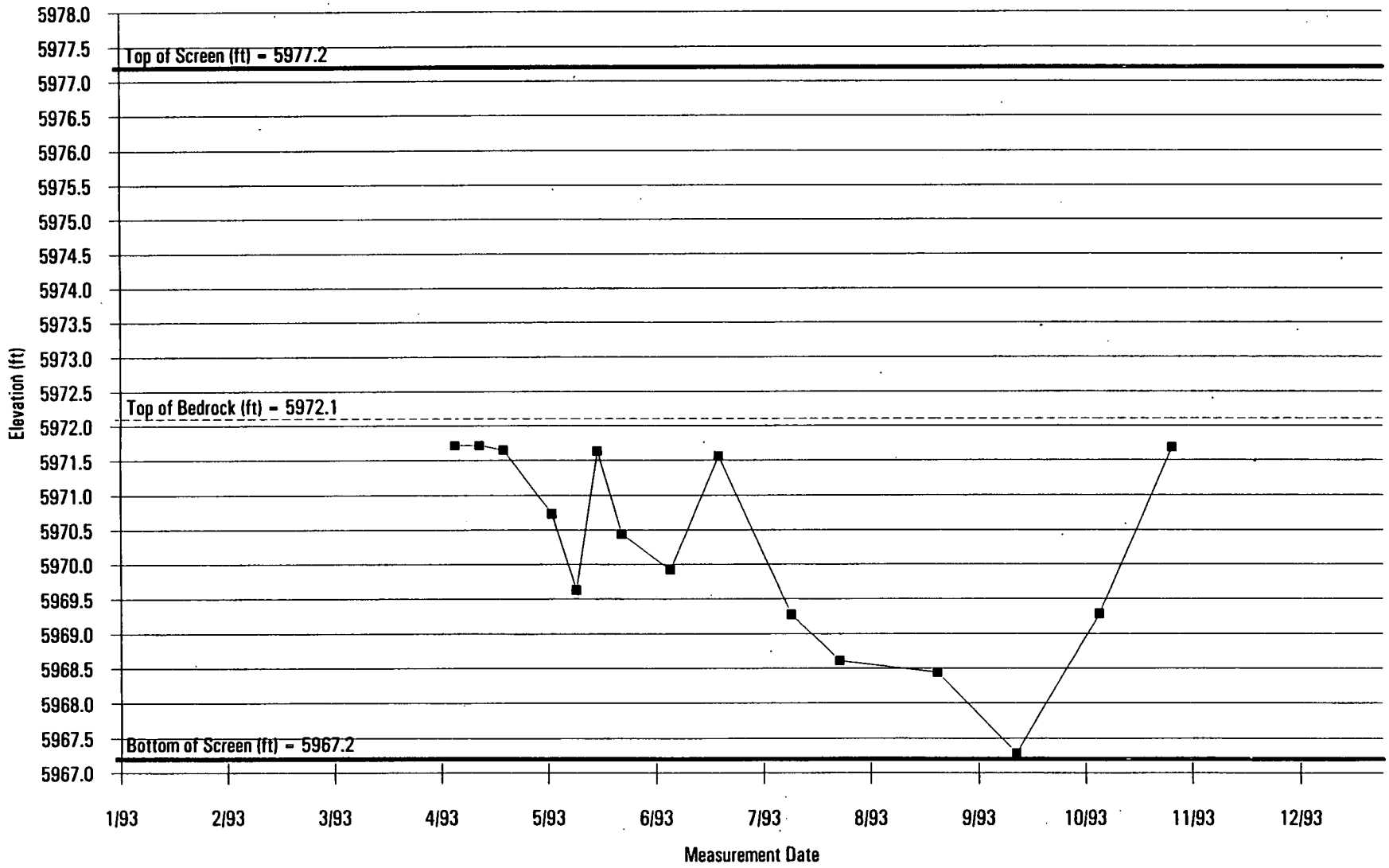
Hydrograph 41993 - OU4
Gr. Elev. (ft) = 5978.7
(Bedrock)



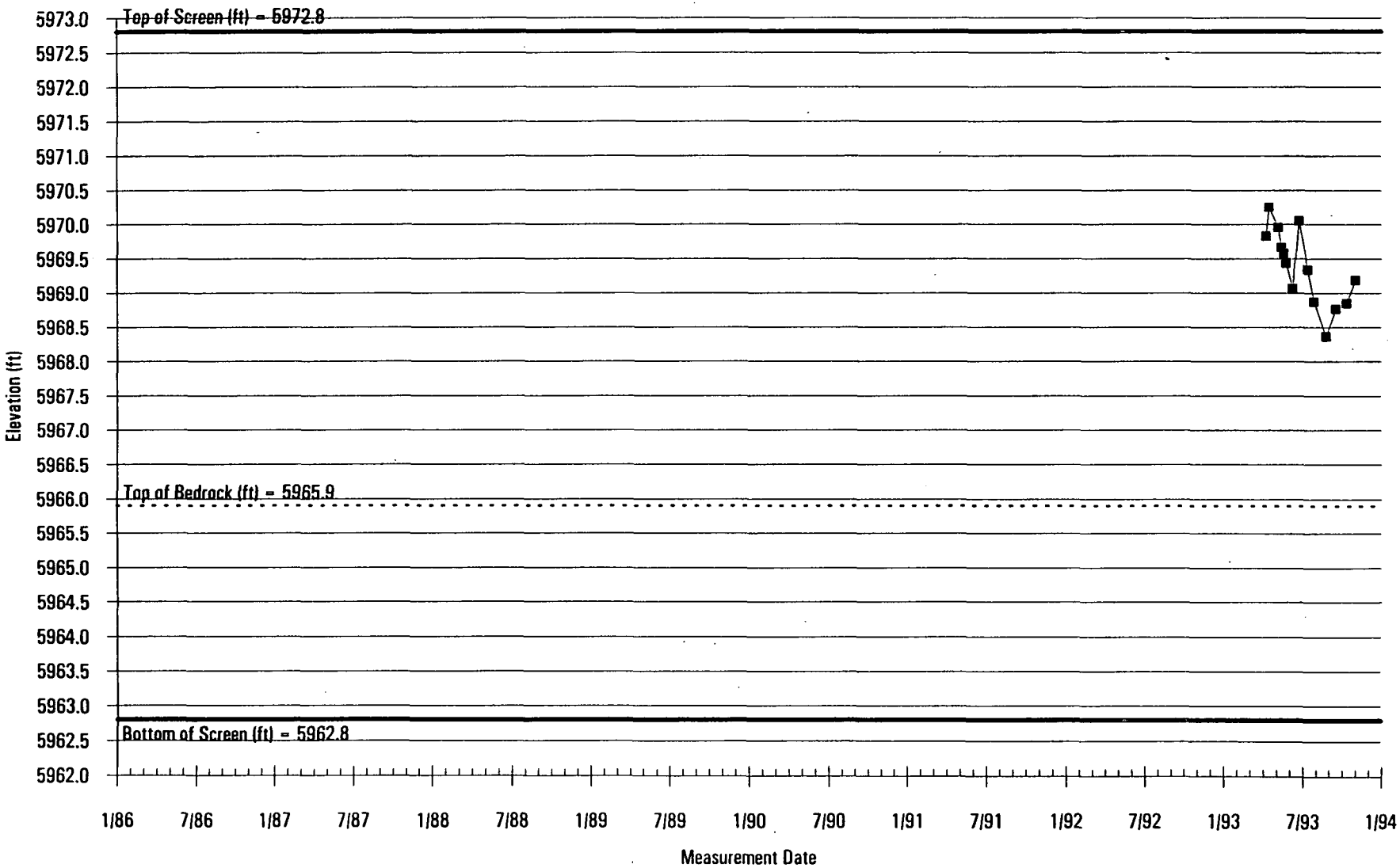
Hydrograph 42393 - OU4
Gr. Elev. (ft) = 5980.20
(Bedrock)



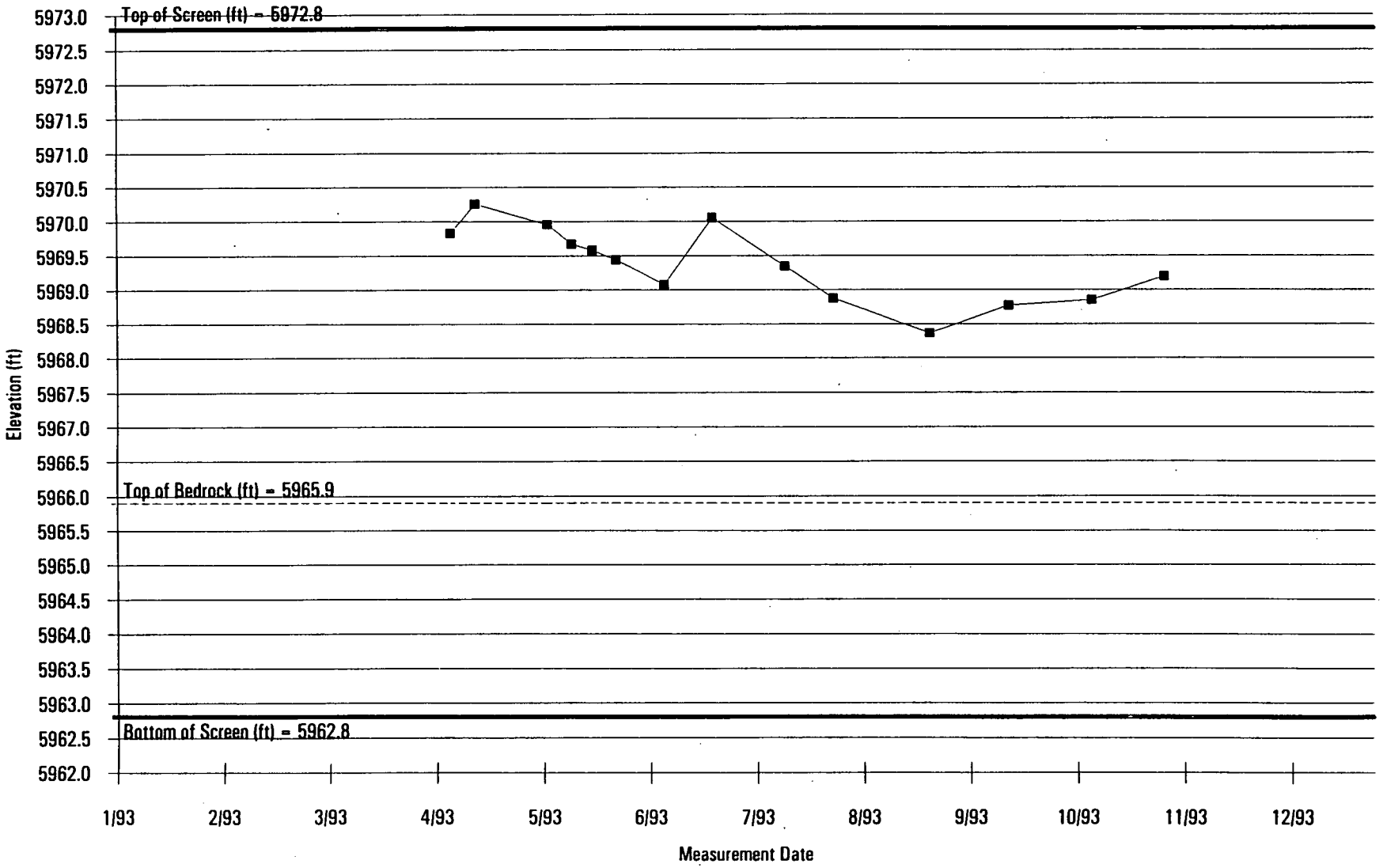
Hydrograph 42393 - OU4
Gr. Elev. (ft) = 5980.20
(Bedrock)



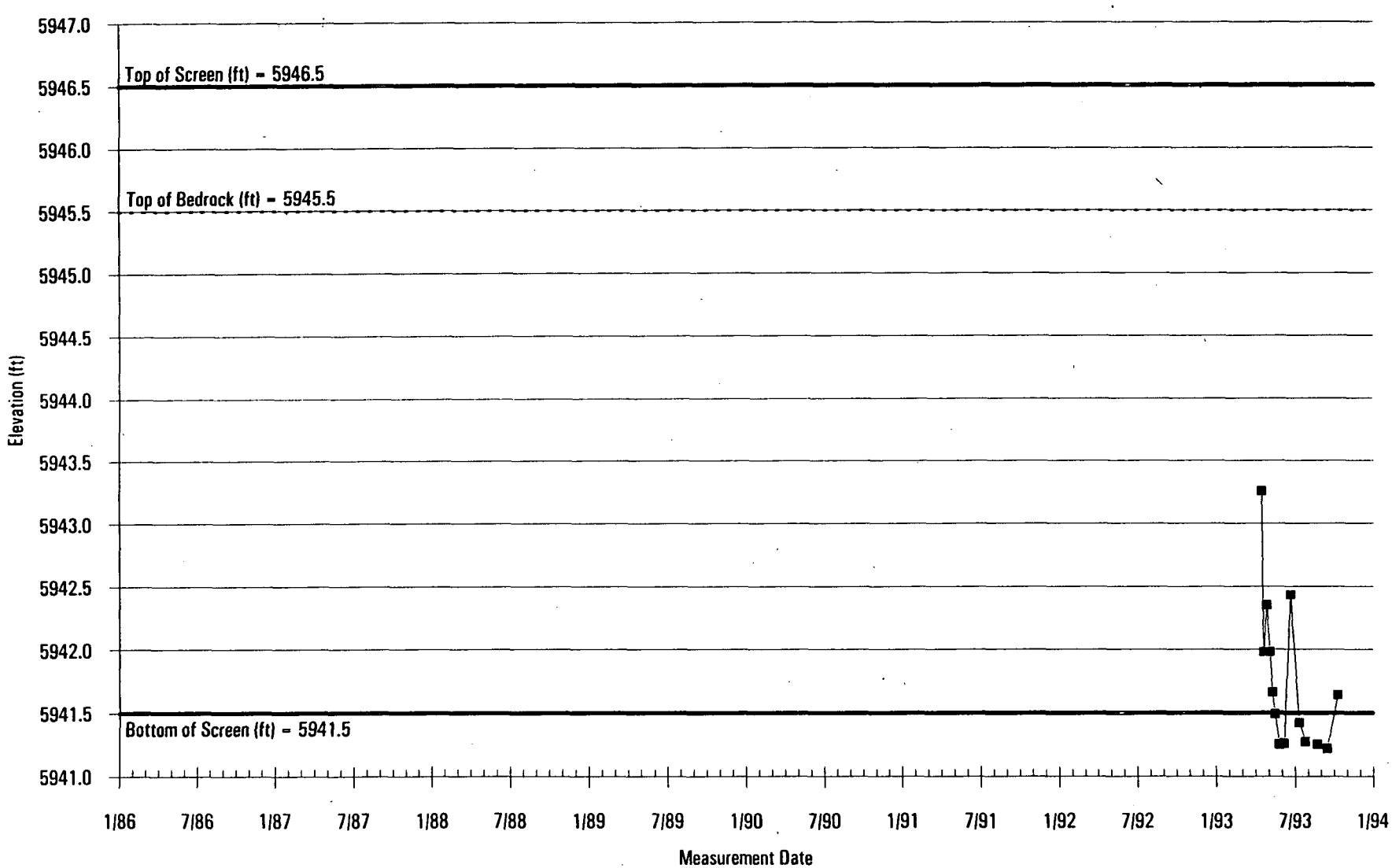
Hydrograph 42993 - OU4
Gr. Elev. (ft) = 5978.80
(Alluvium)



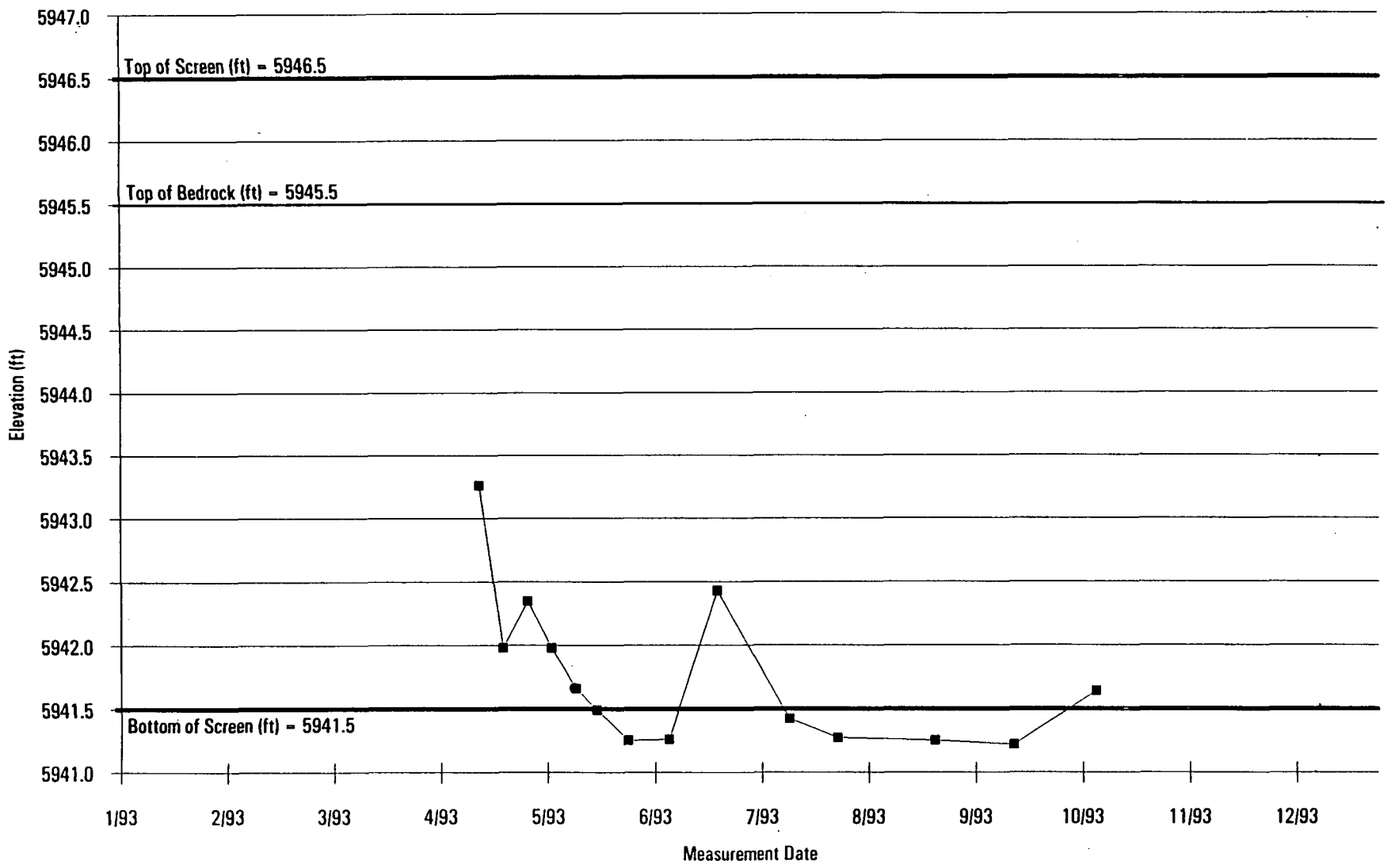
Hydrograph 42993 - OU4
Gr. Elev. (ft) = 5978.80
(Alluvium)



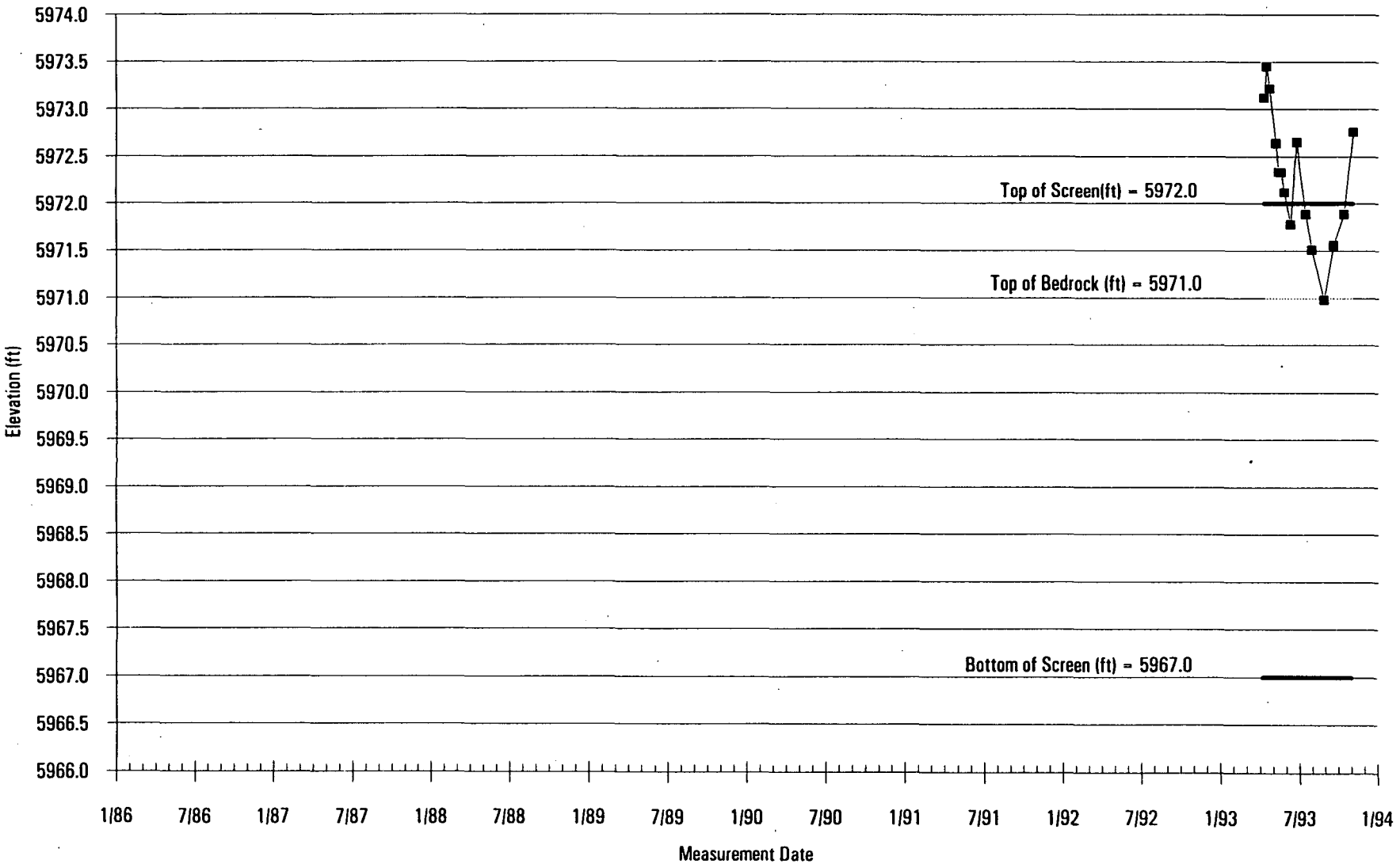
Hydrograph 43293 - OU4
Gr. Elev. (ft) = 5955.50
(Bedrock)

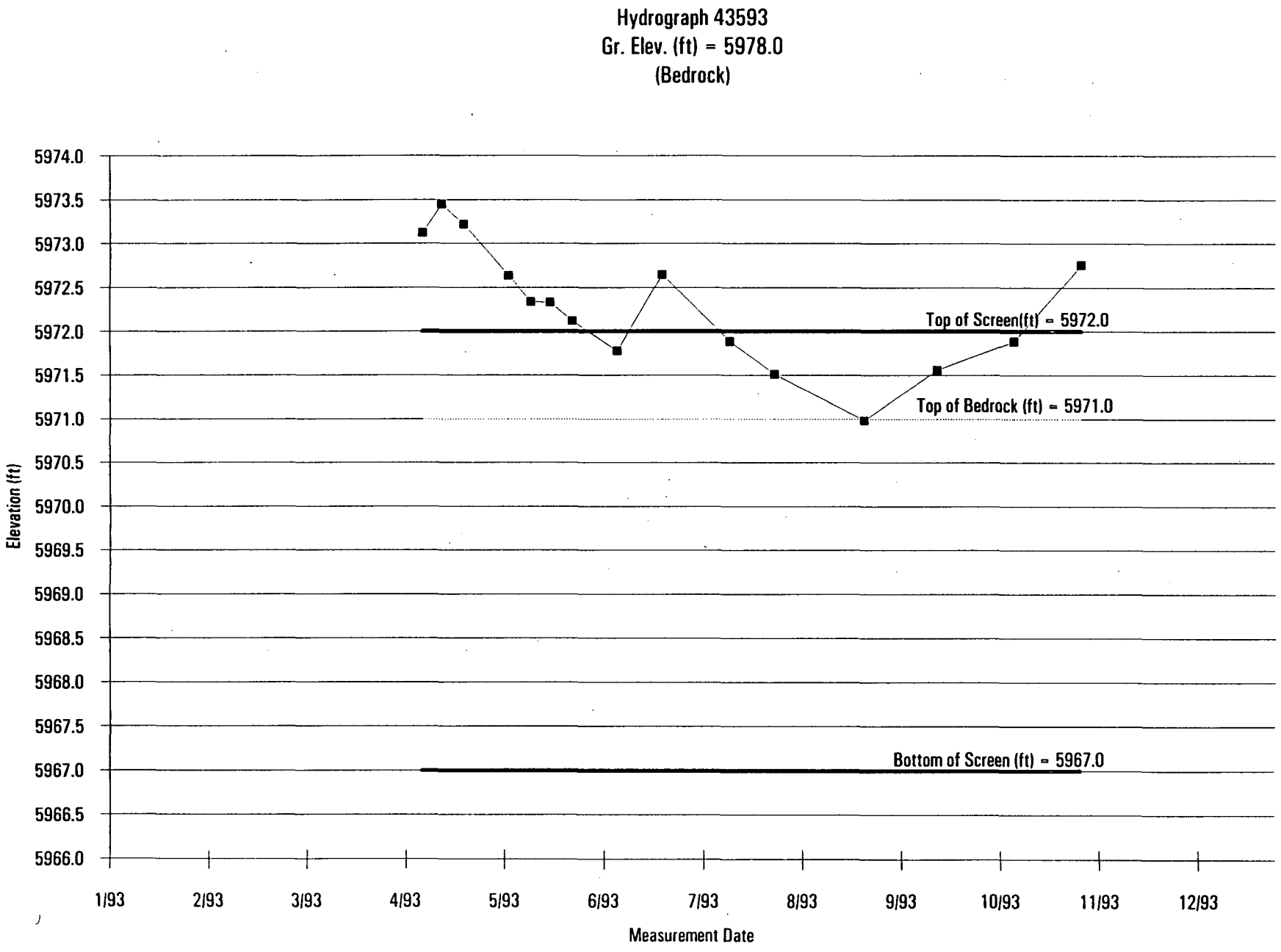


Hydrograph 43293 - OU4
Gr. Elev. (ft) = 5955.50
(Bedrock)

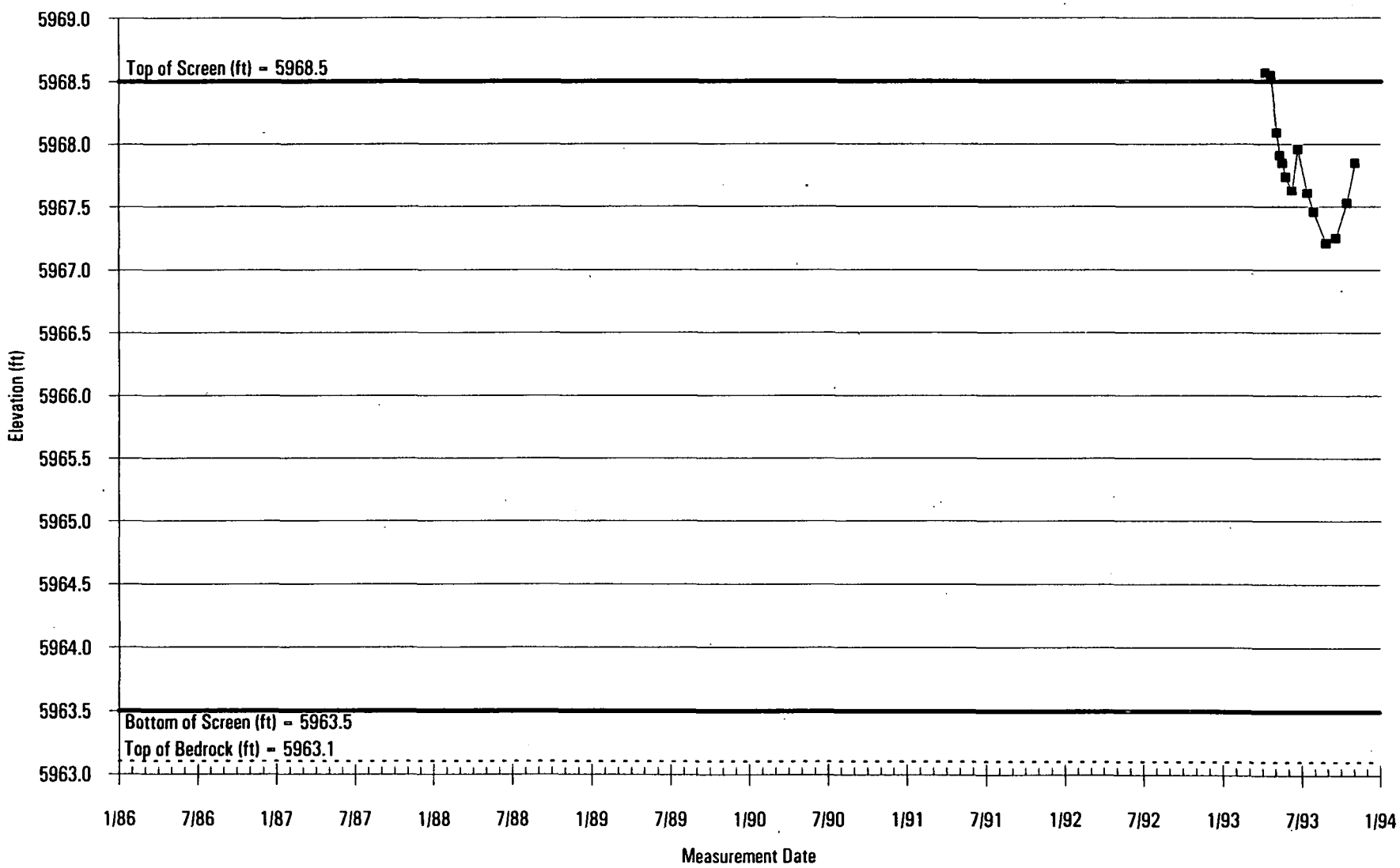


Hydrograph 43593
Gr. Elev. (ft) = 5978.0
(Bedrock)

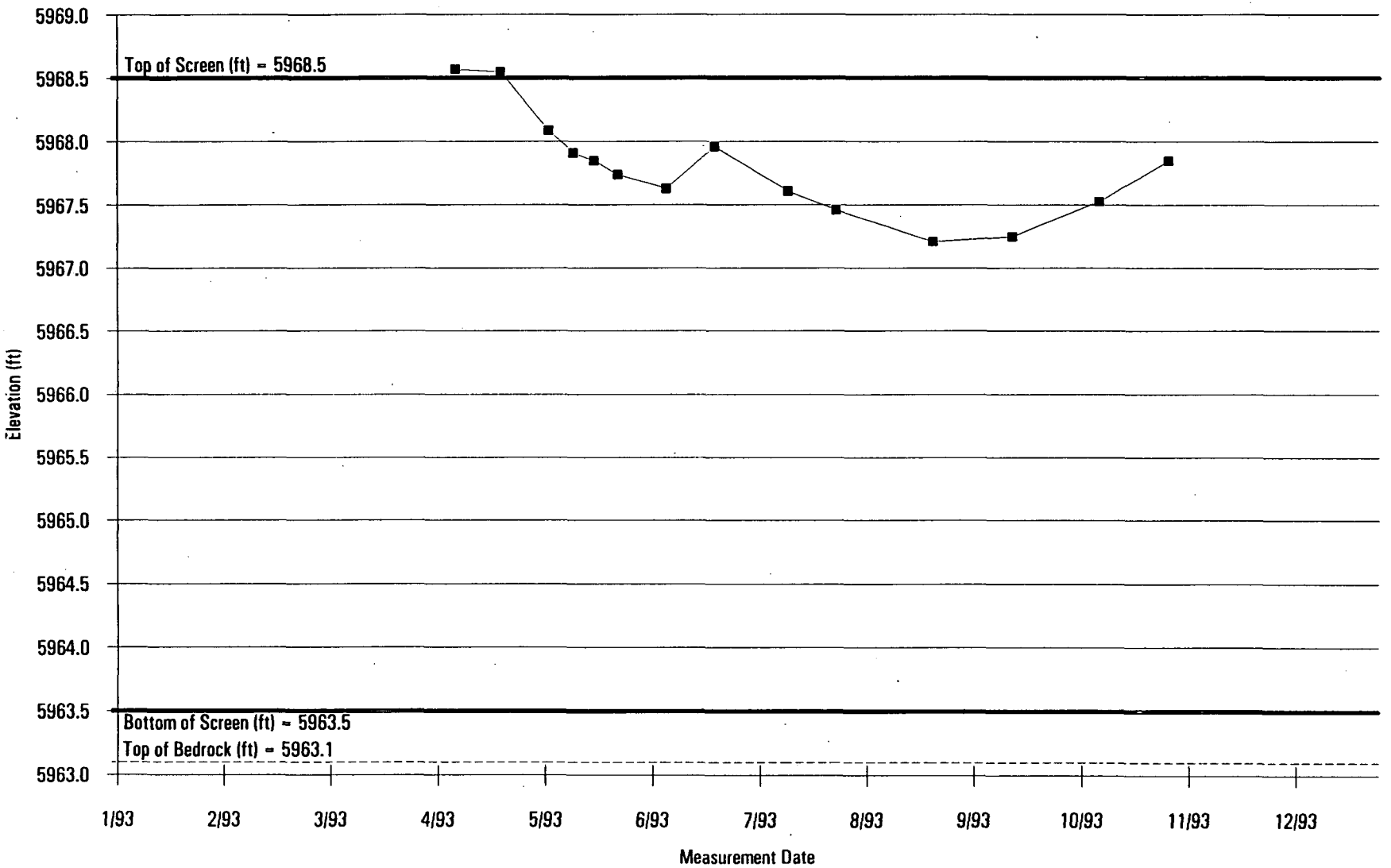



Hydrograph 43593
Gr. Elev. (ft) = 5978.0
(Bedrock)
5974.0
5973.5
5973.0
5972.5
5972.0
5971.5
5971.0
5970.5
5970.0
5969.5
5969.0
5968.5
5968.0
5967.5
5967.0
5966.5
5966.0
Elevation (ft)
Top of Screen(ft) = 5972.0
Top of Bedrock (ft) = 5971.0
Bottom of Screen (ft) = 5967.0
1/93
2/93
3/93
4/93
5/93
6/93
7/93
8/93
9/93
10/93
11/93
12/93
Measurement Date

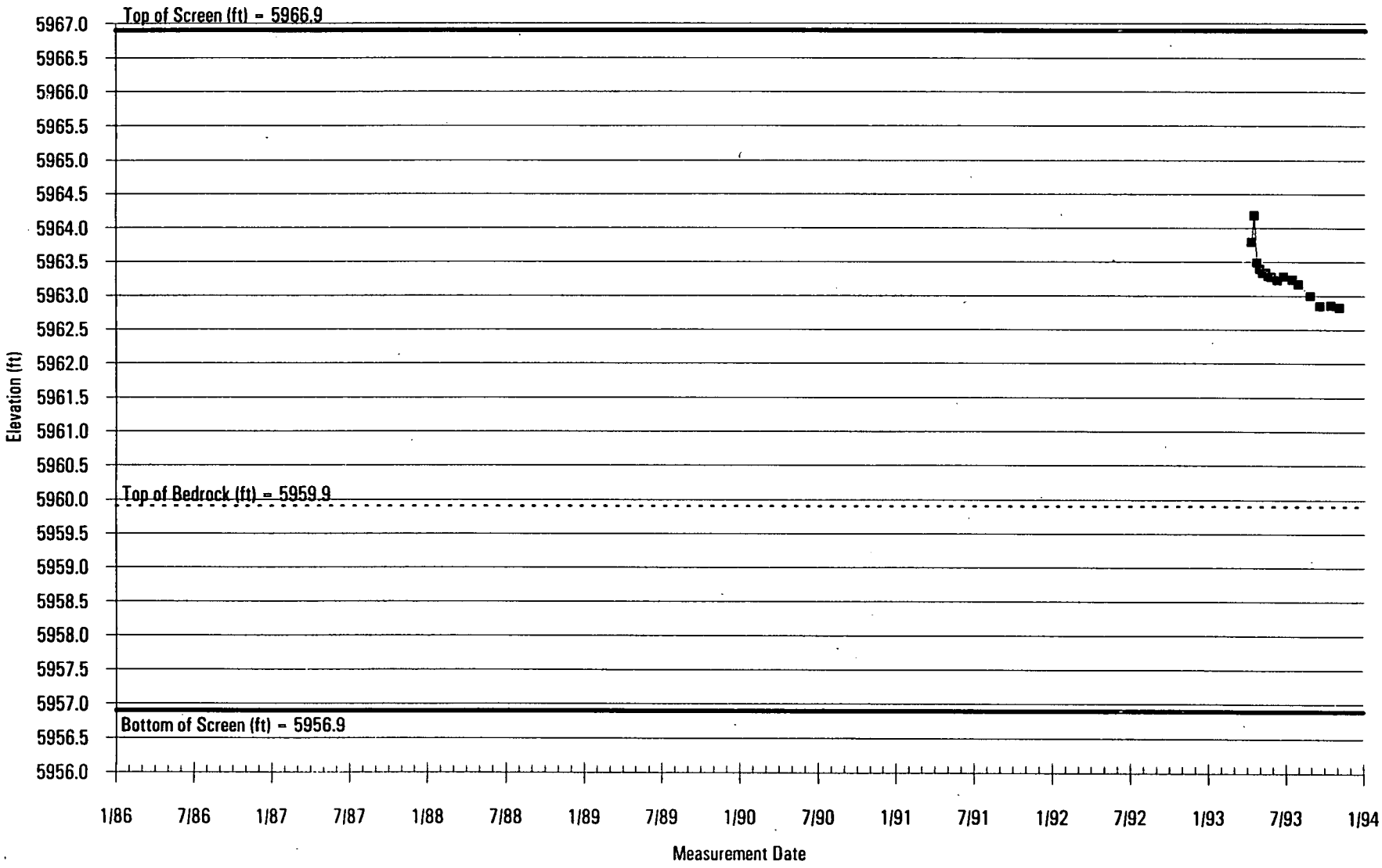
Hydrograph 43893 - OU4
Gr. Elev. (ft) = 5977.5
(Alluvium)



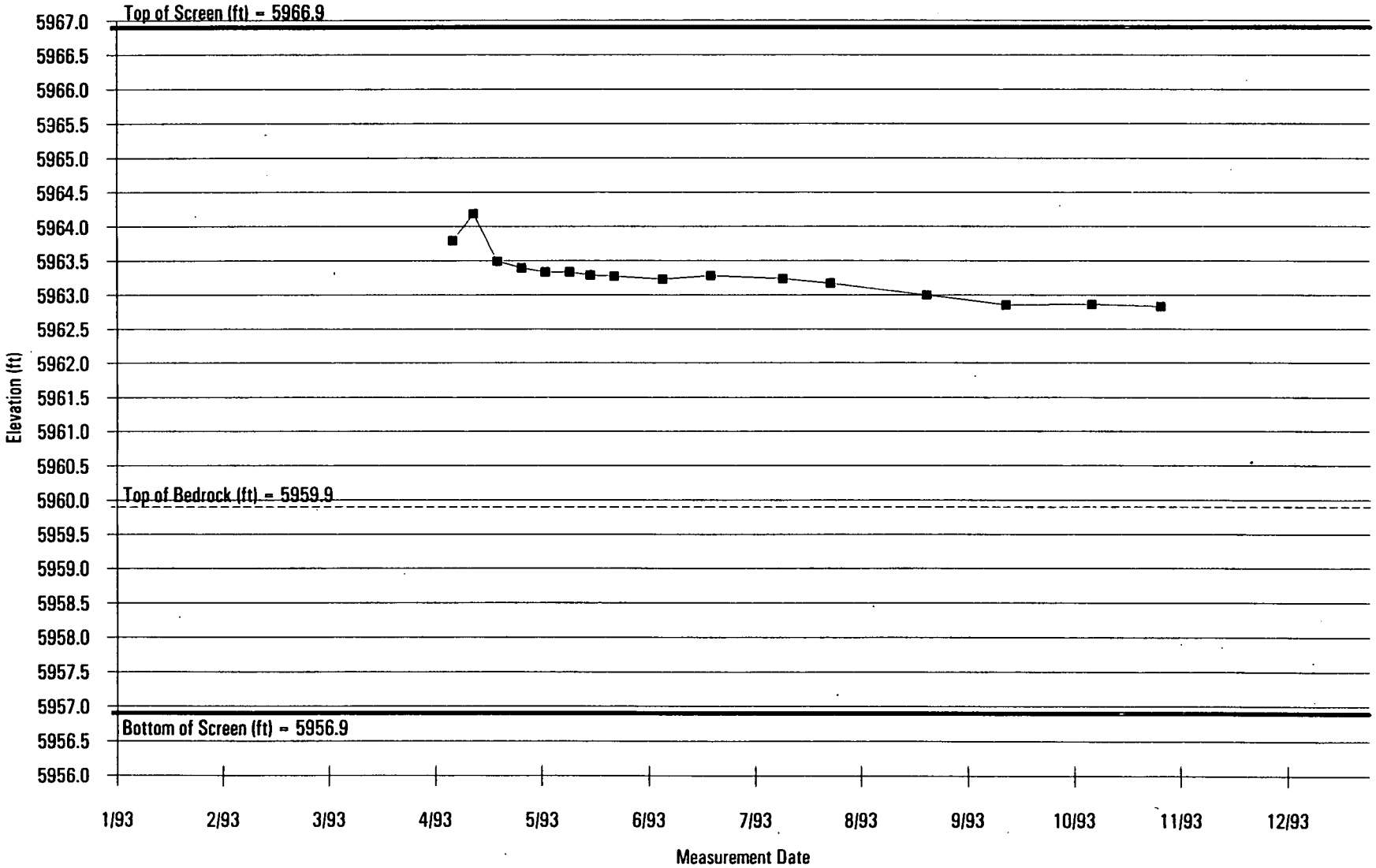
Hydrograph 43893 - OU4
Gr. Elev. (ft) = 5977.5
(Alluvium)



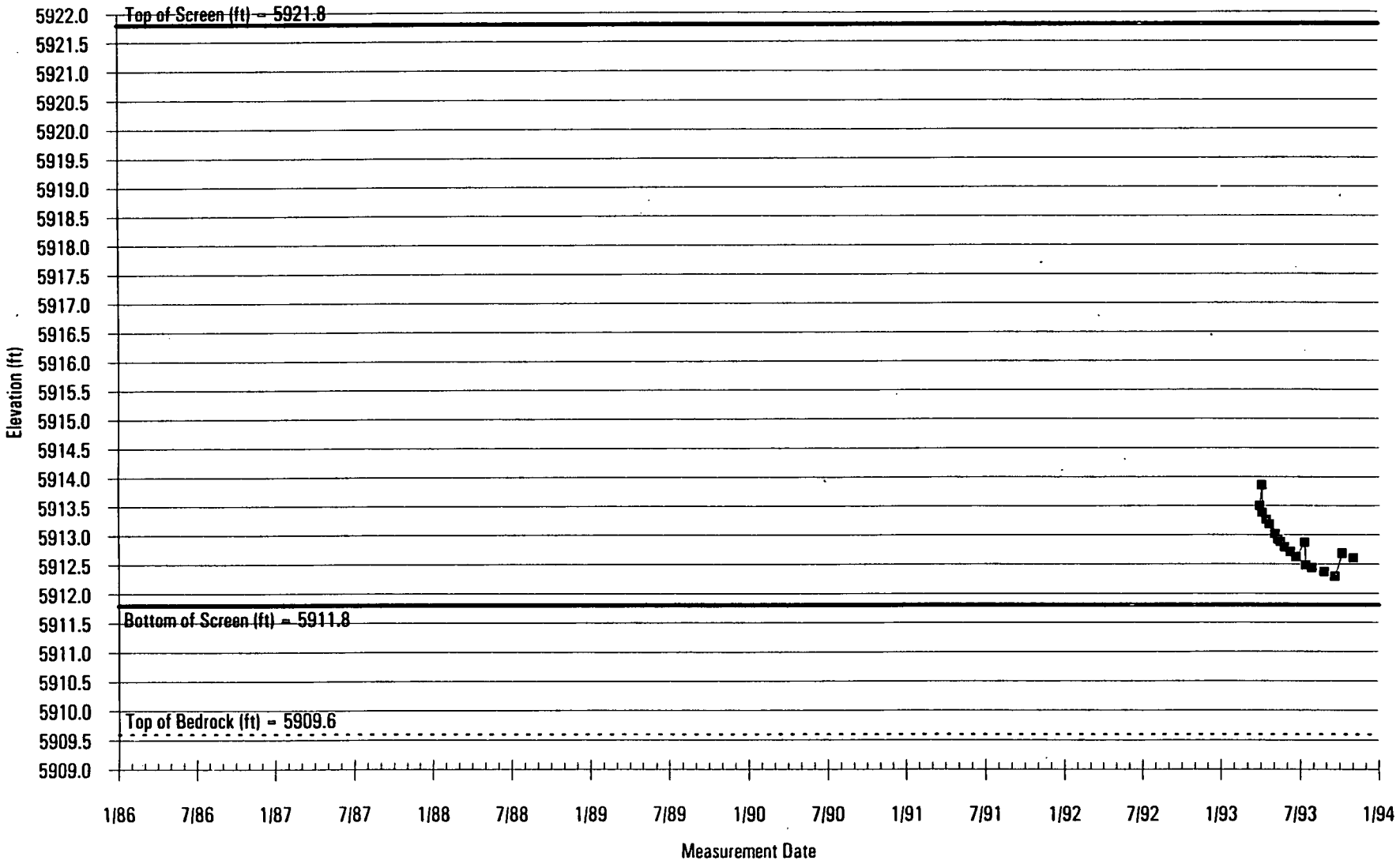
Hydrograph 43993 - OU4
Gr. Elev. (ft) = 5972.90
(Alluvium)



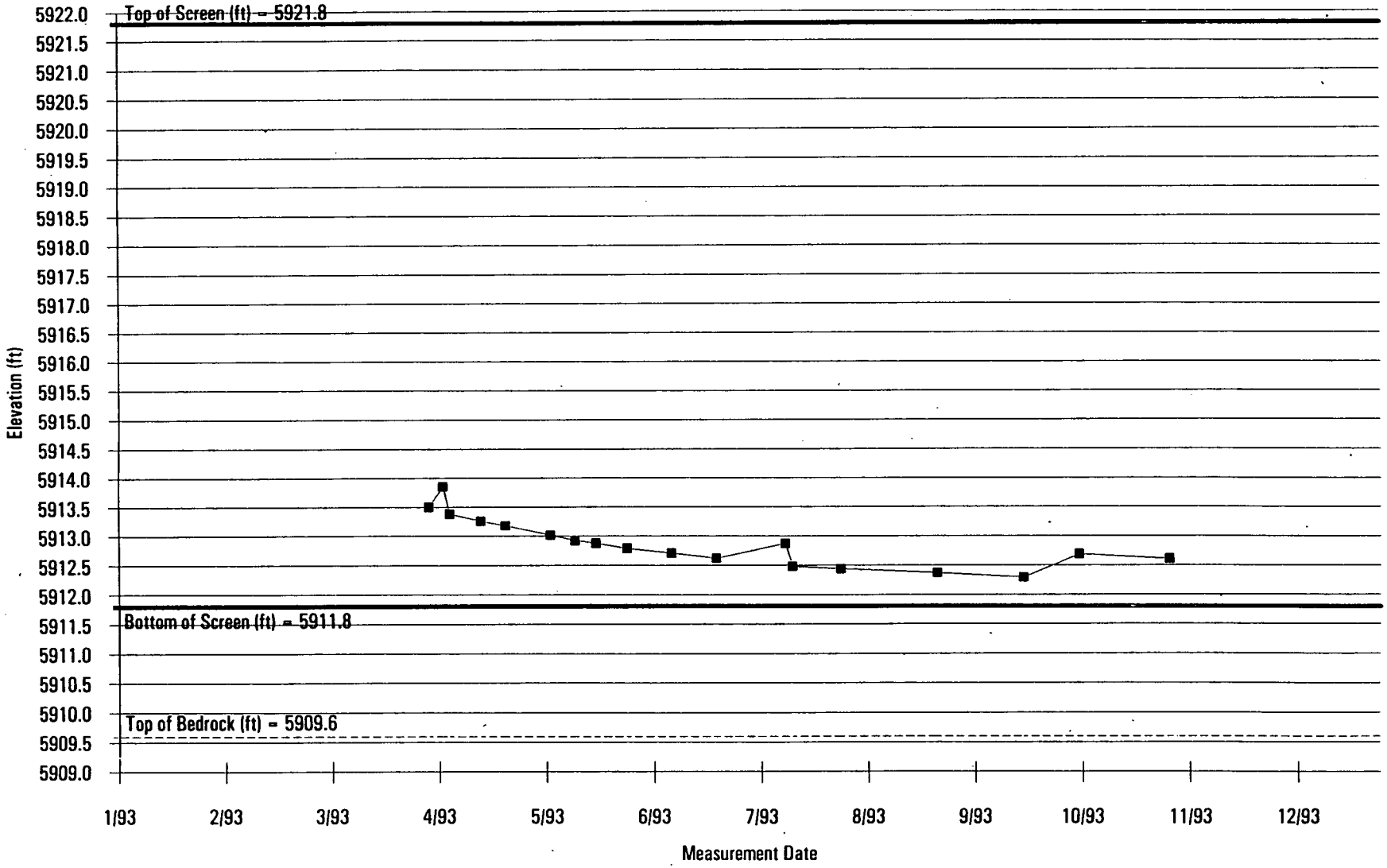
Hydrograph 43993 - OU4
Gr. Elev. (ft) = 5972.90
(Alluvium)



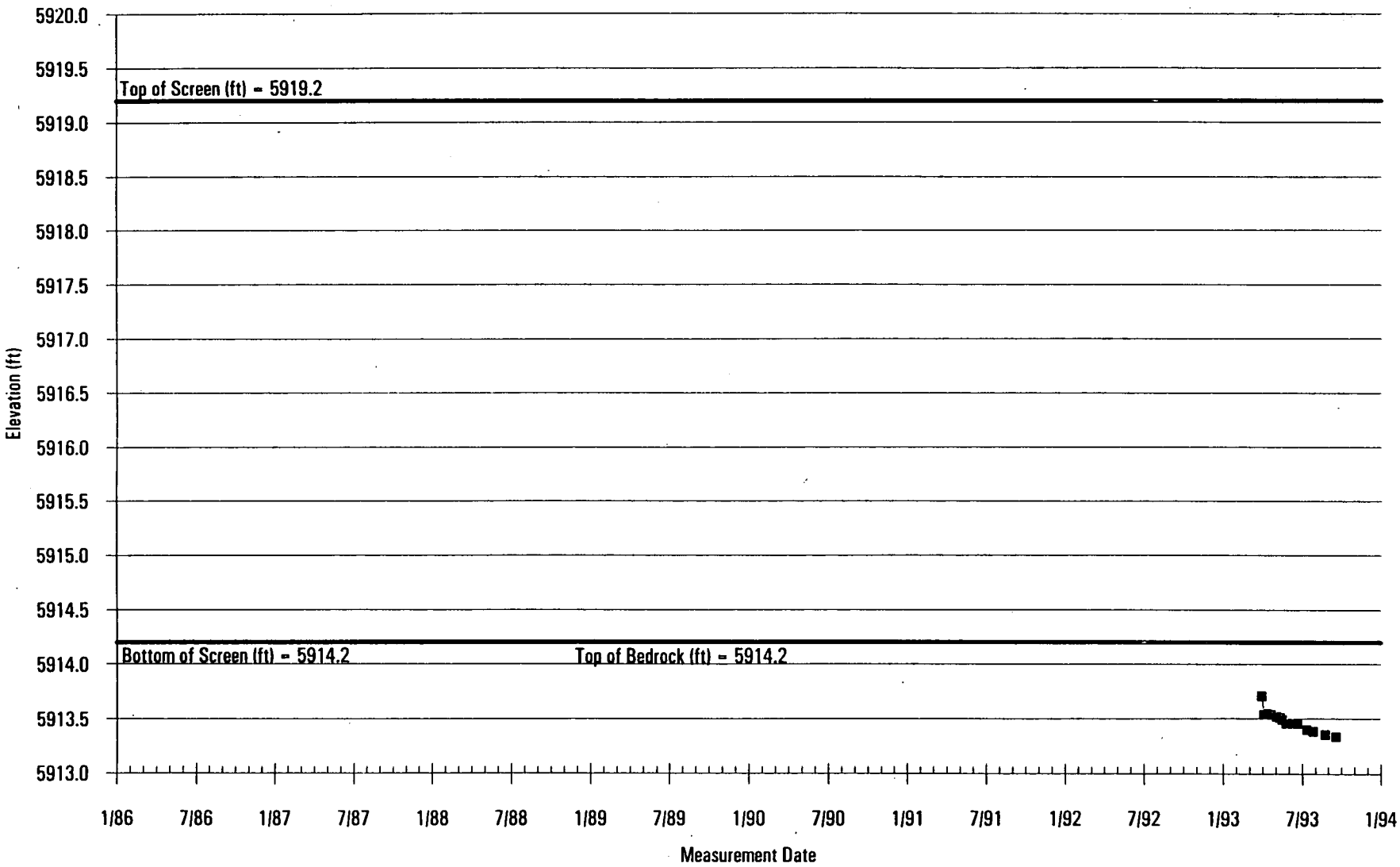
Hydrograph 44893 - OU4
Gr. Elev. (ft) = 5925.80
(Alluvium)



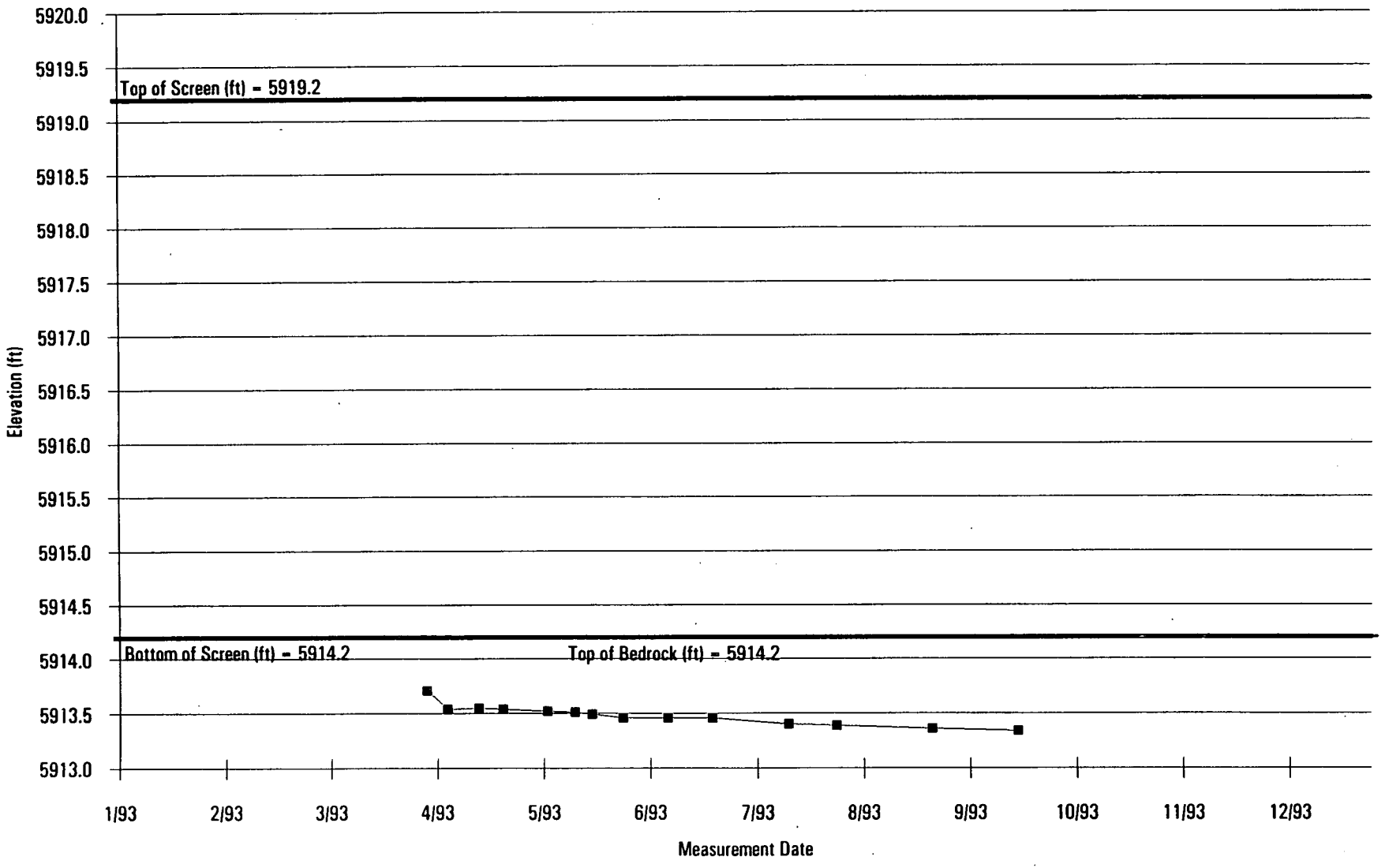
Hydrograph 44893 - OU4
Gr. Elev. (ft) = 5925.80
(Alluvium)



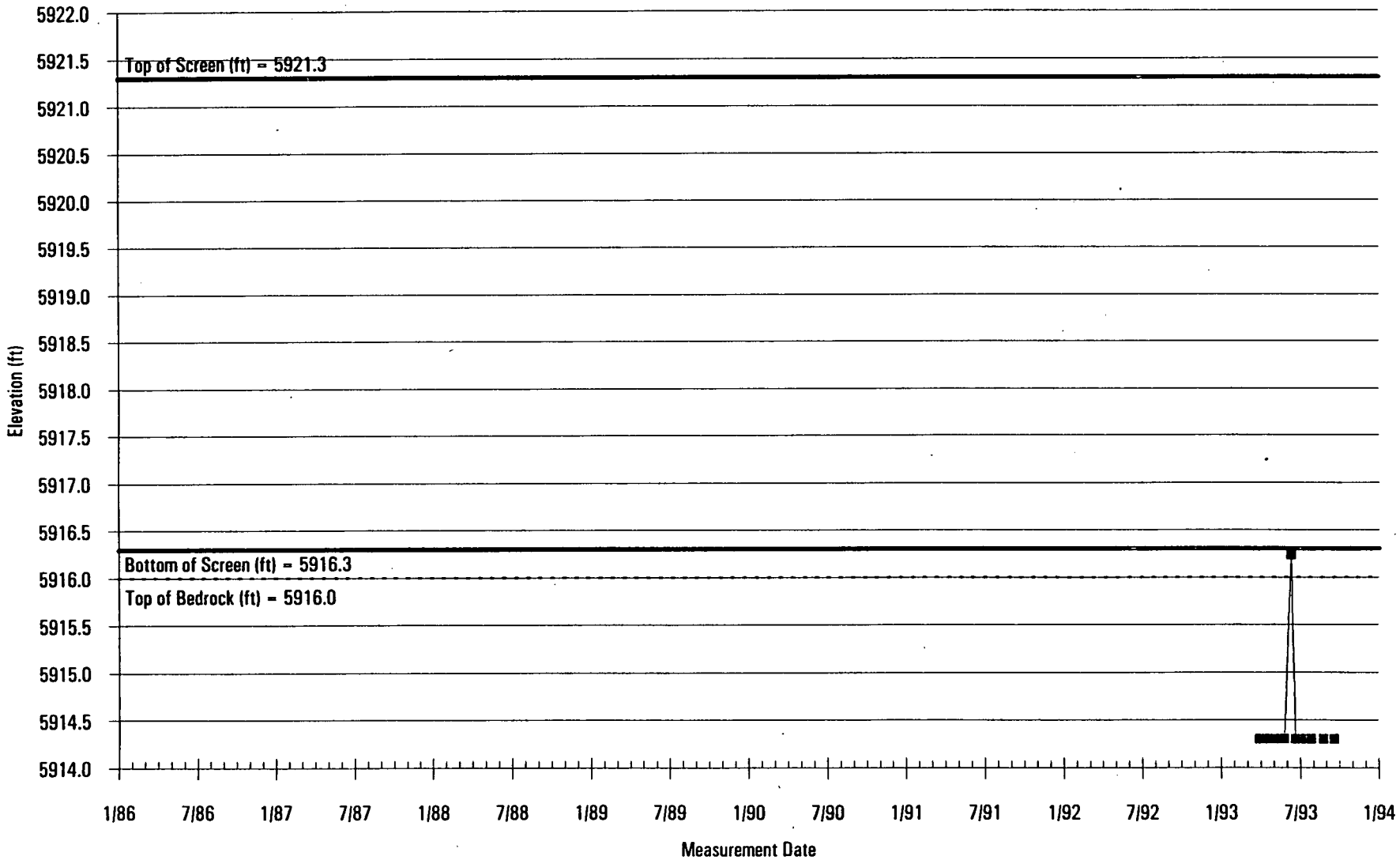
Hydrograph 44993 - OU4
Gr. Elev. (ft) = 5926.7
(Alluvium)



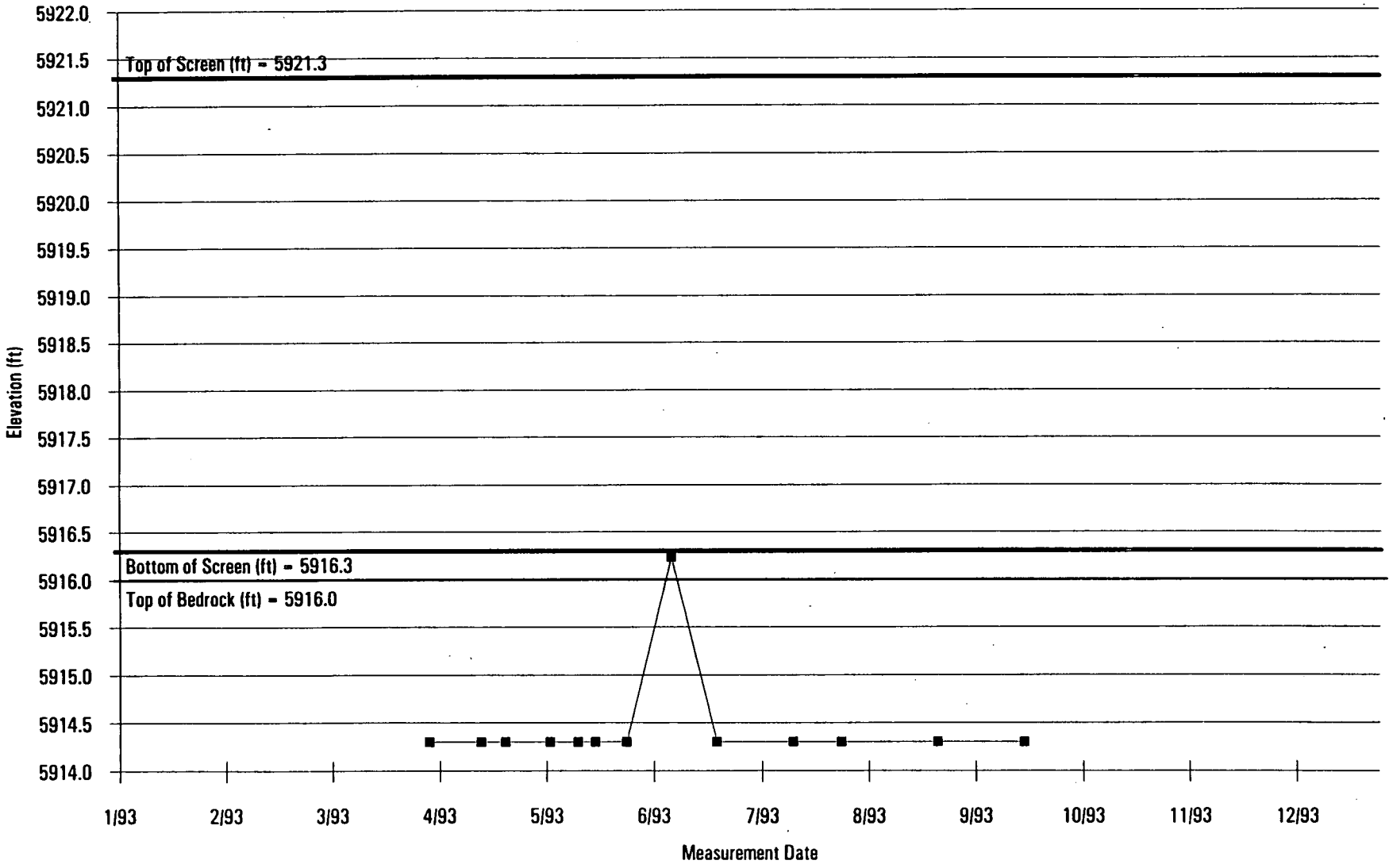
Hydrograph 44993 - OU4
Gr. Elev. (ft) = 5926.7
(Alluvium)



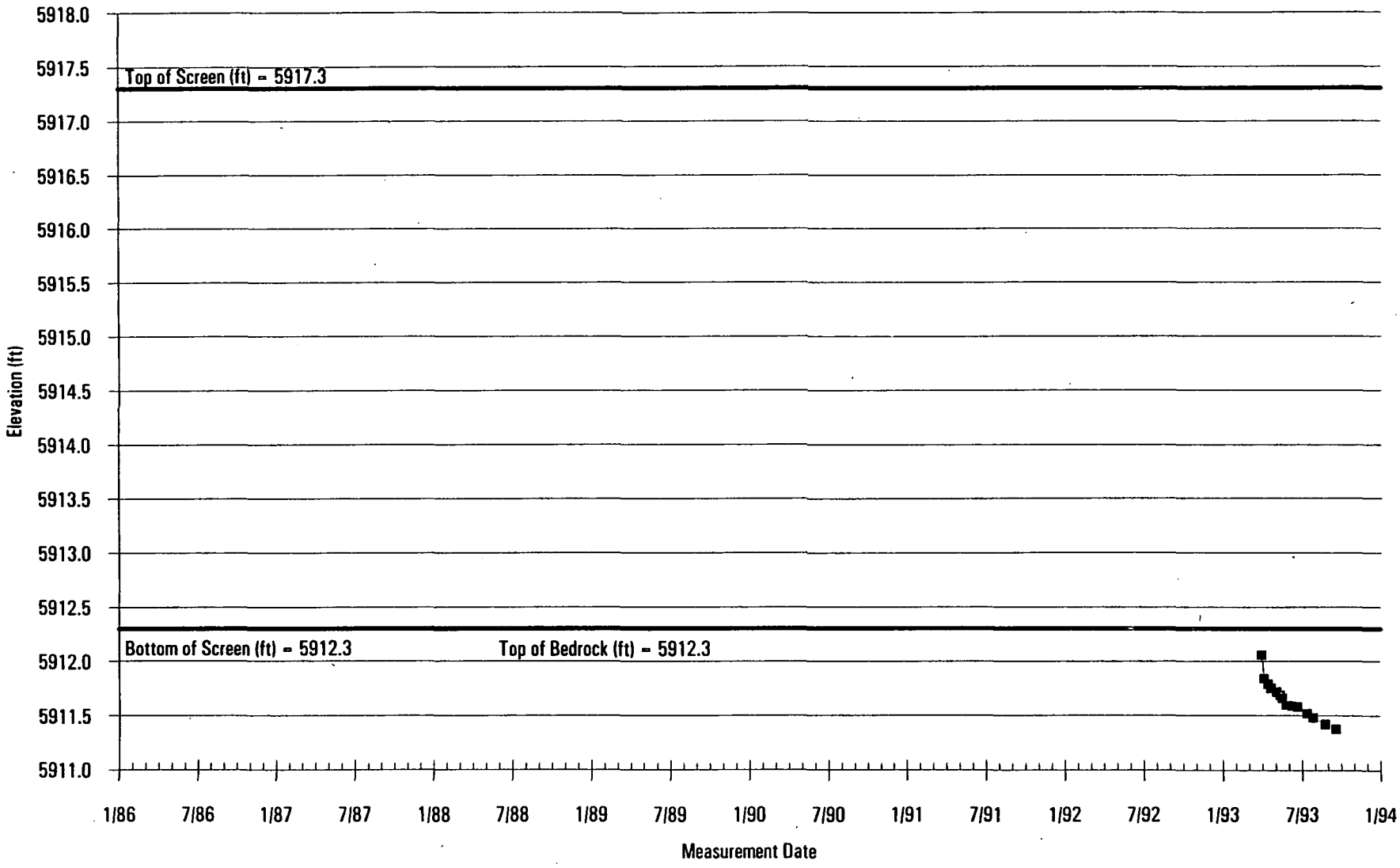
Hydrograph 45093 - OU4
Gr. Elev. (ft) = 5928
(Alluvium)



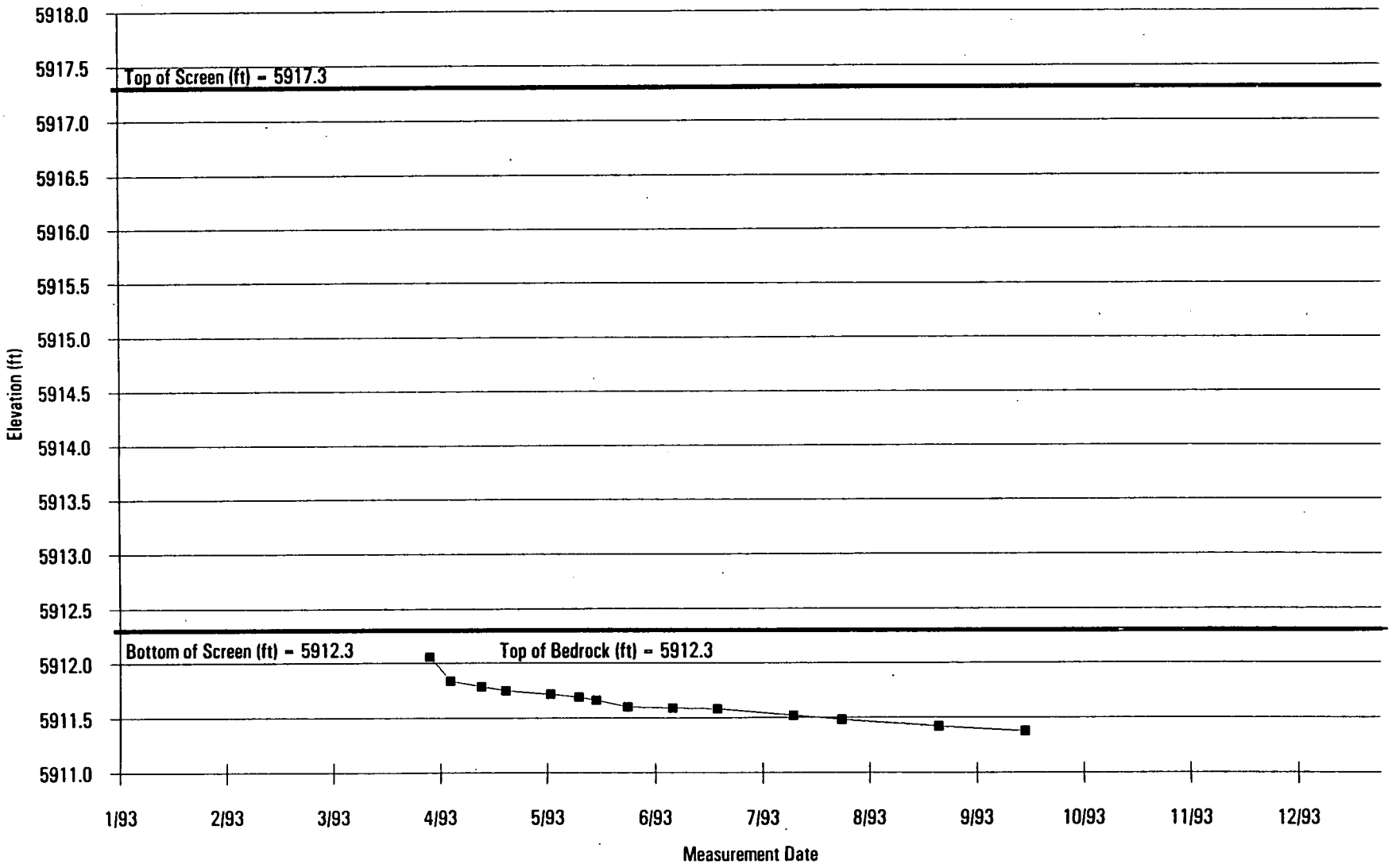
Hydrograph 45093 - OU4
Gr. Elev. (ft) = 5928
(Alluvium)



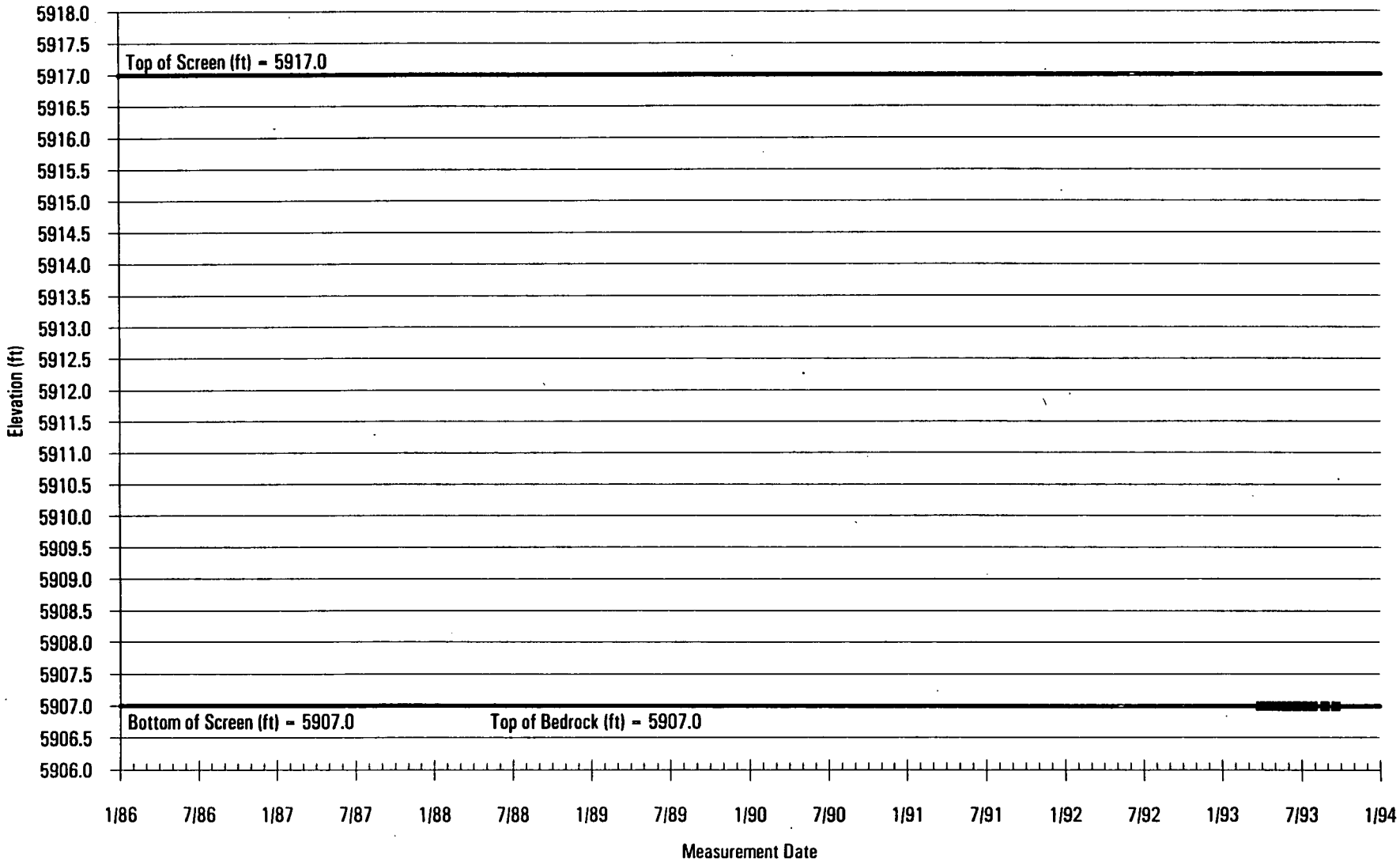
Hydrograph 45293 - OU4
Gr. Elev. (ft) = 5925
(Alluvium)



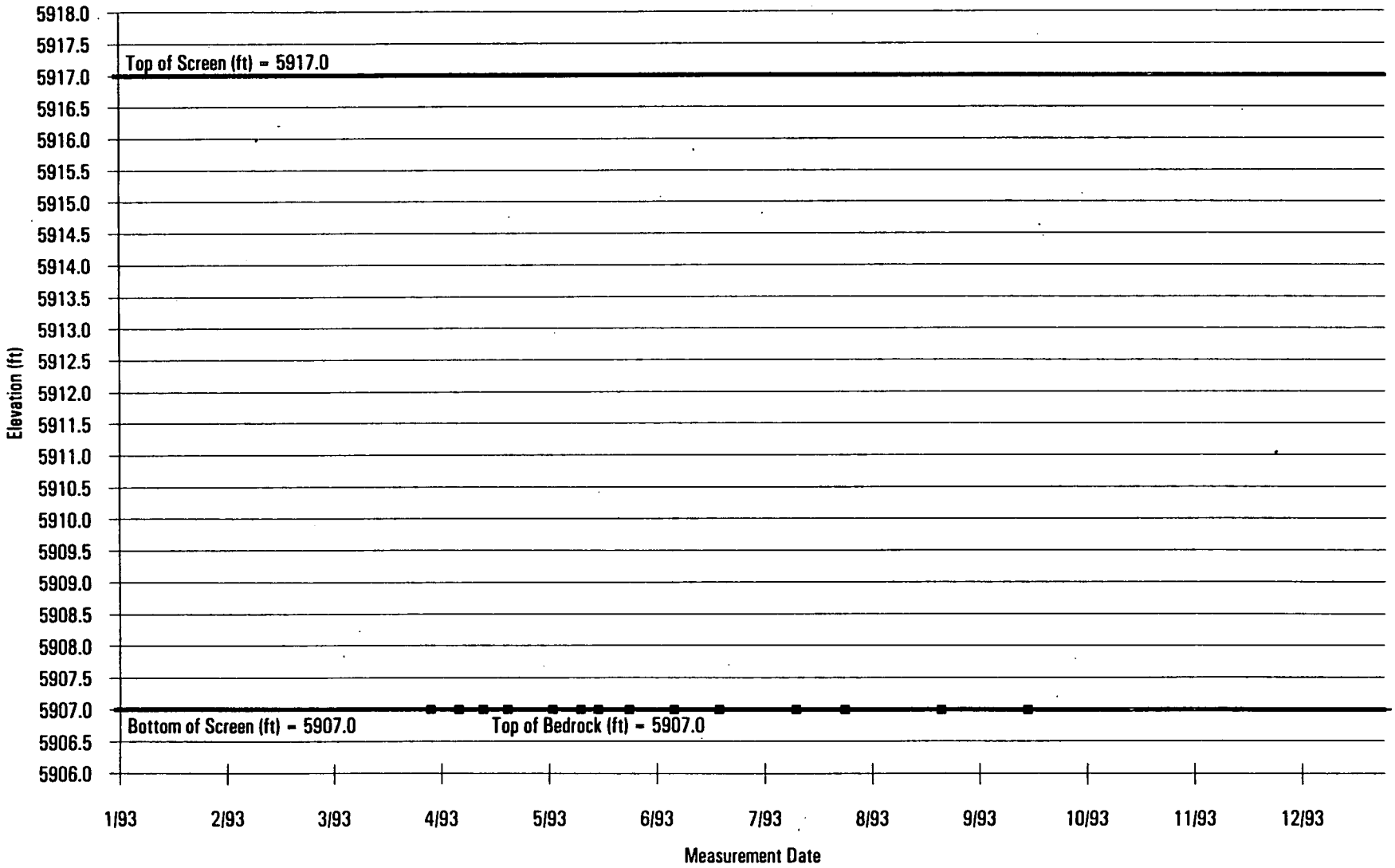
Hydrograph 45293 - OU4
Gr. Elev. (ft) = 5925
(Alluvium)



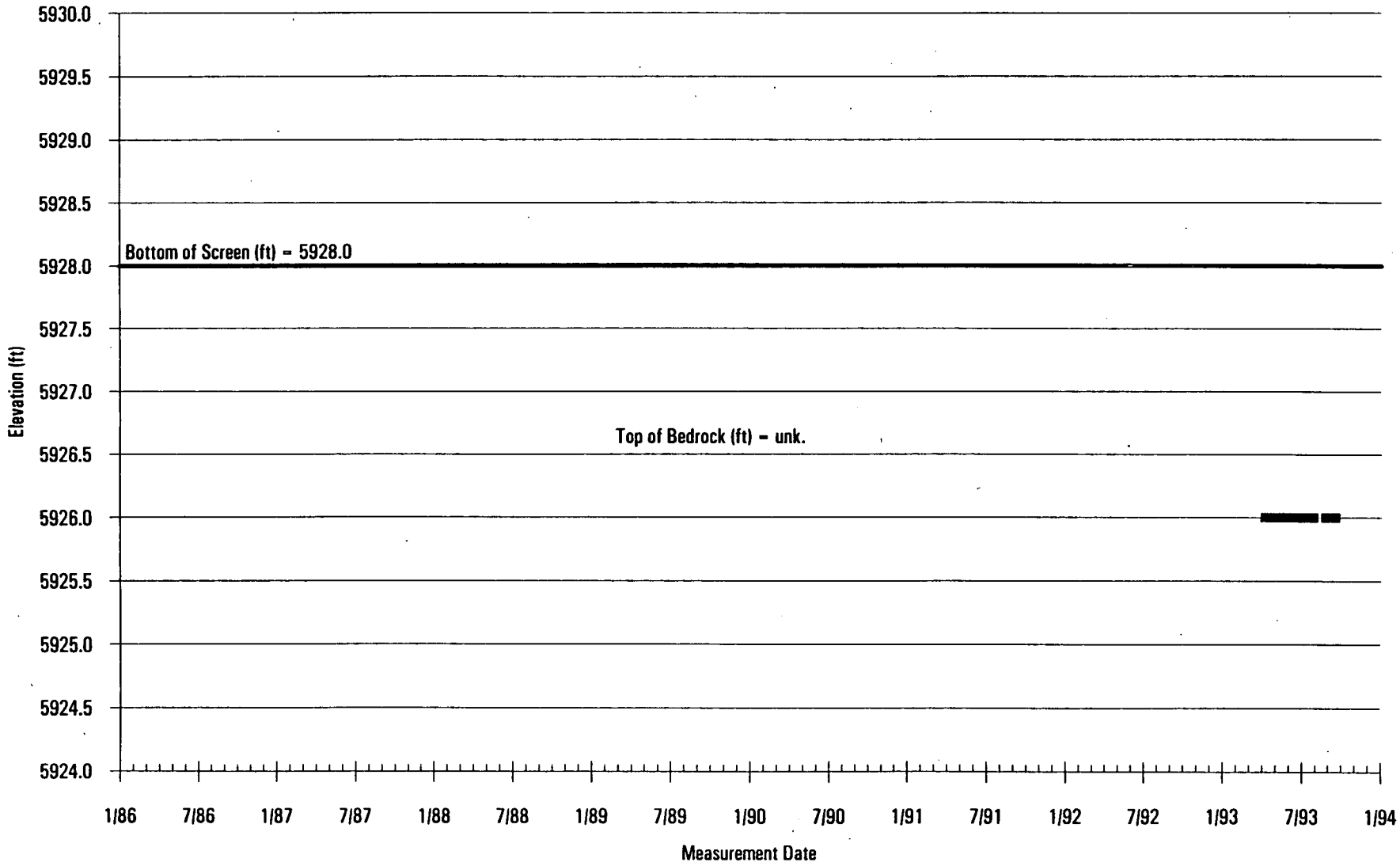
Hydrograph 45393 - OU4
Gr. Elev. (ft) = 5923.7
(Alluvium)



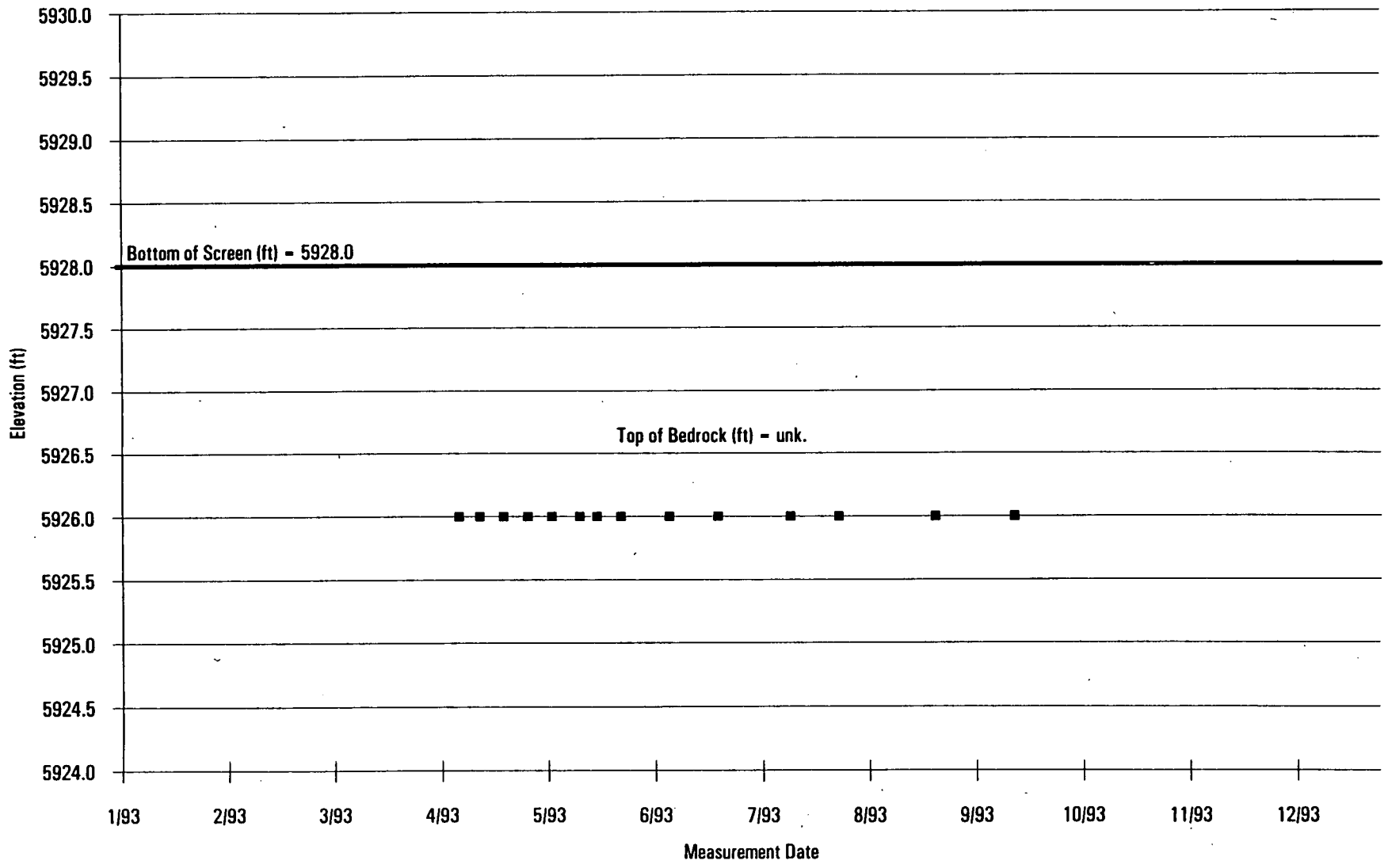
Hydrograph 45393 - OU4
Gr. Elev. (ft) = 5923.7
(Alluvium)



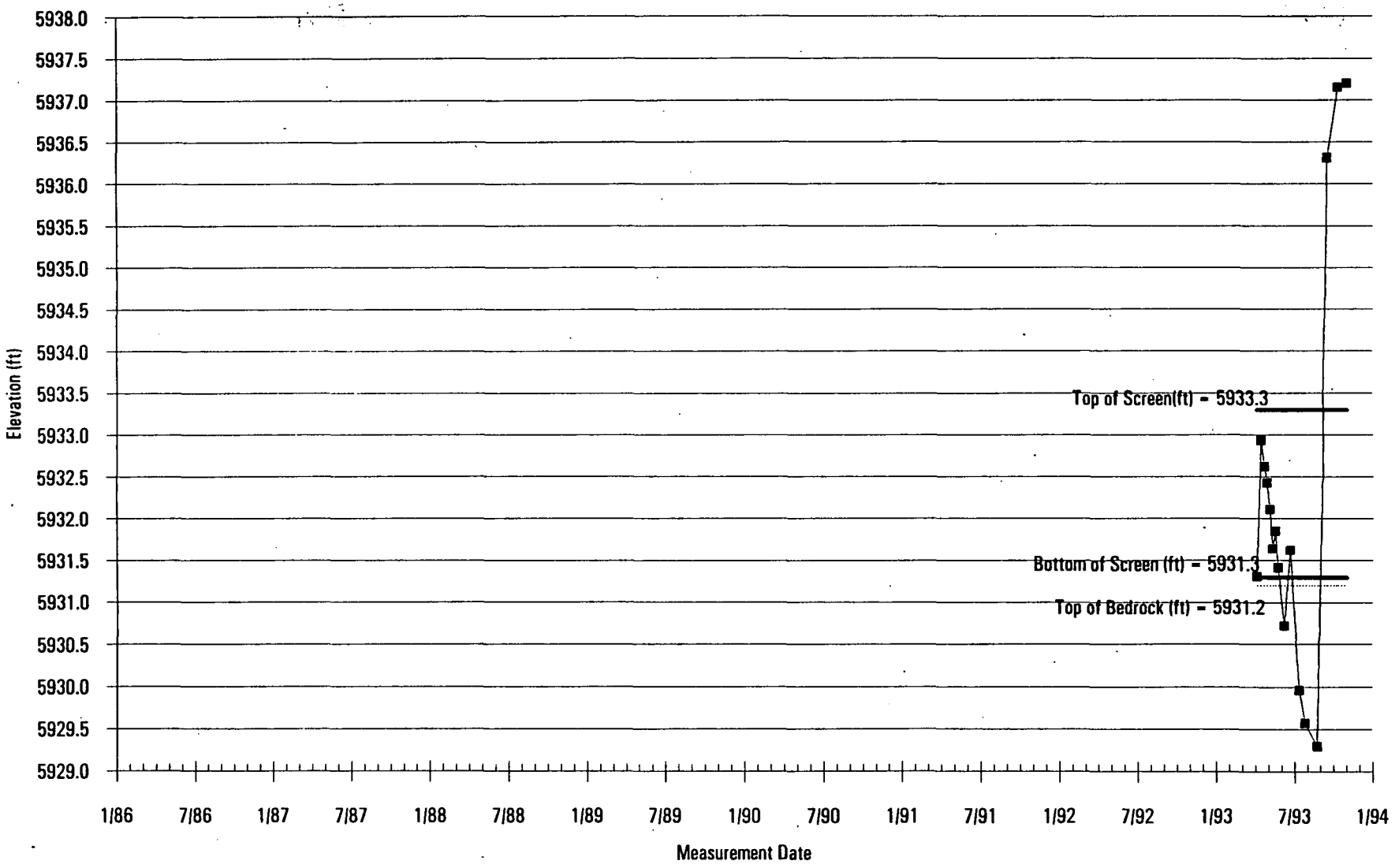
Hydrograph 45593 - OU4
Gr. Elev. (ft) = 5933.5
(Alluvium)

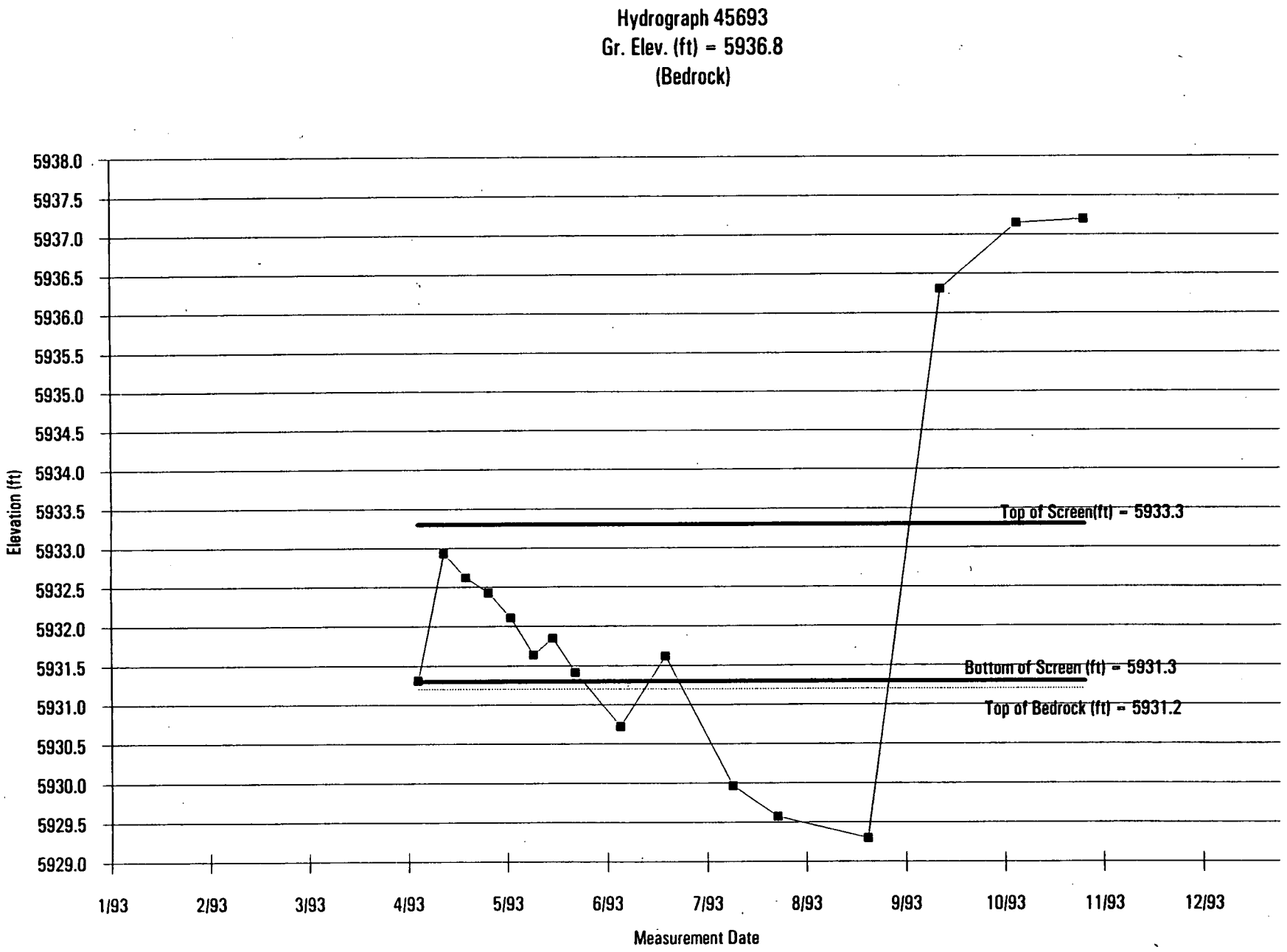


Hydrograph 45593 - OU4
Gr. Elev. (ft) = 5933.5
(Alluvium)

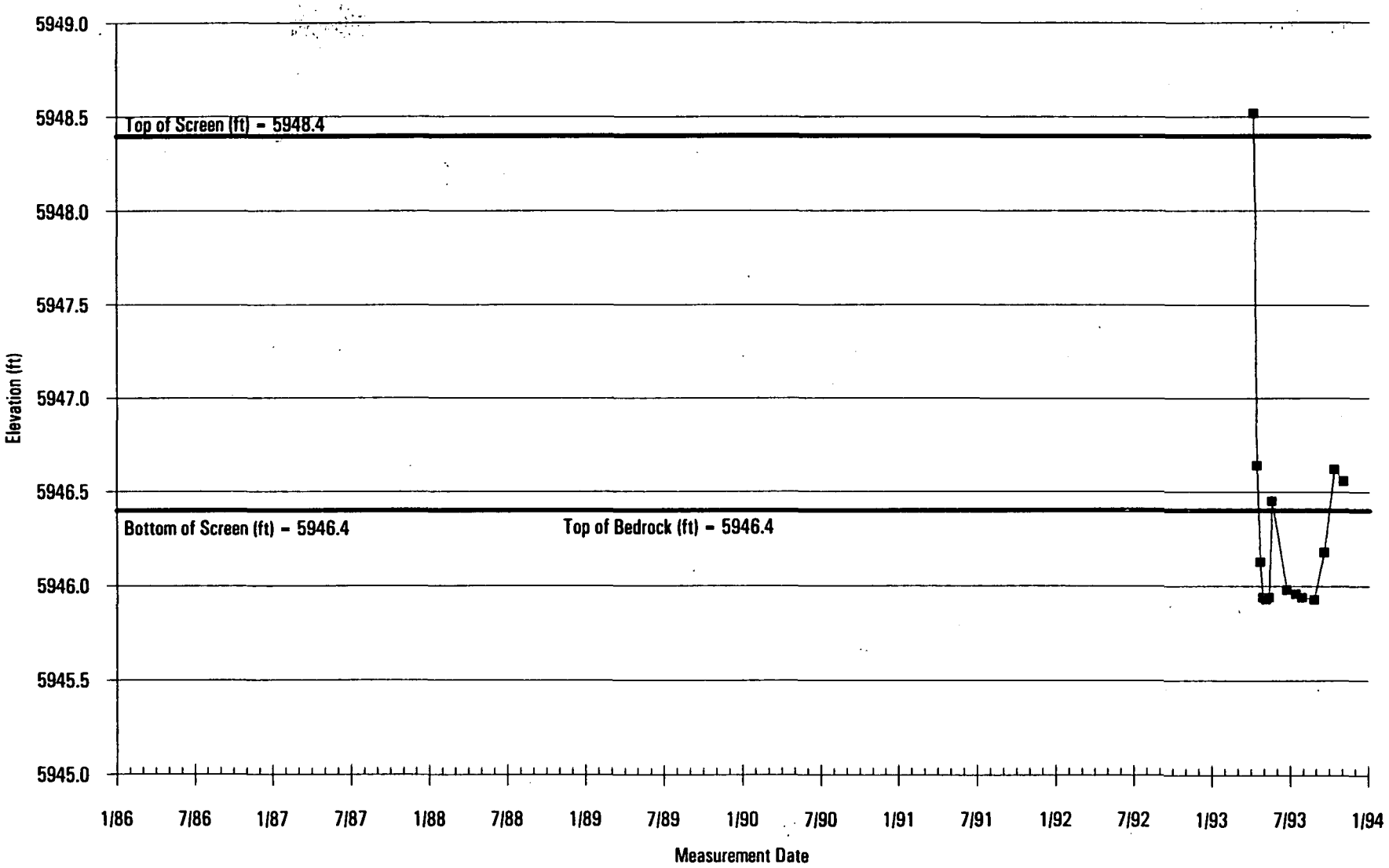


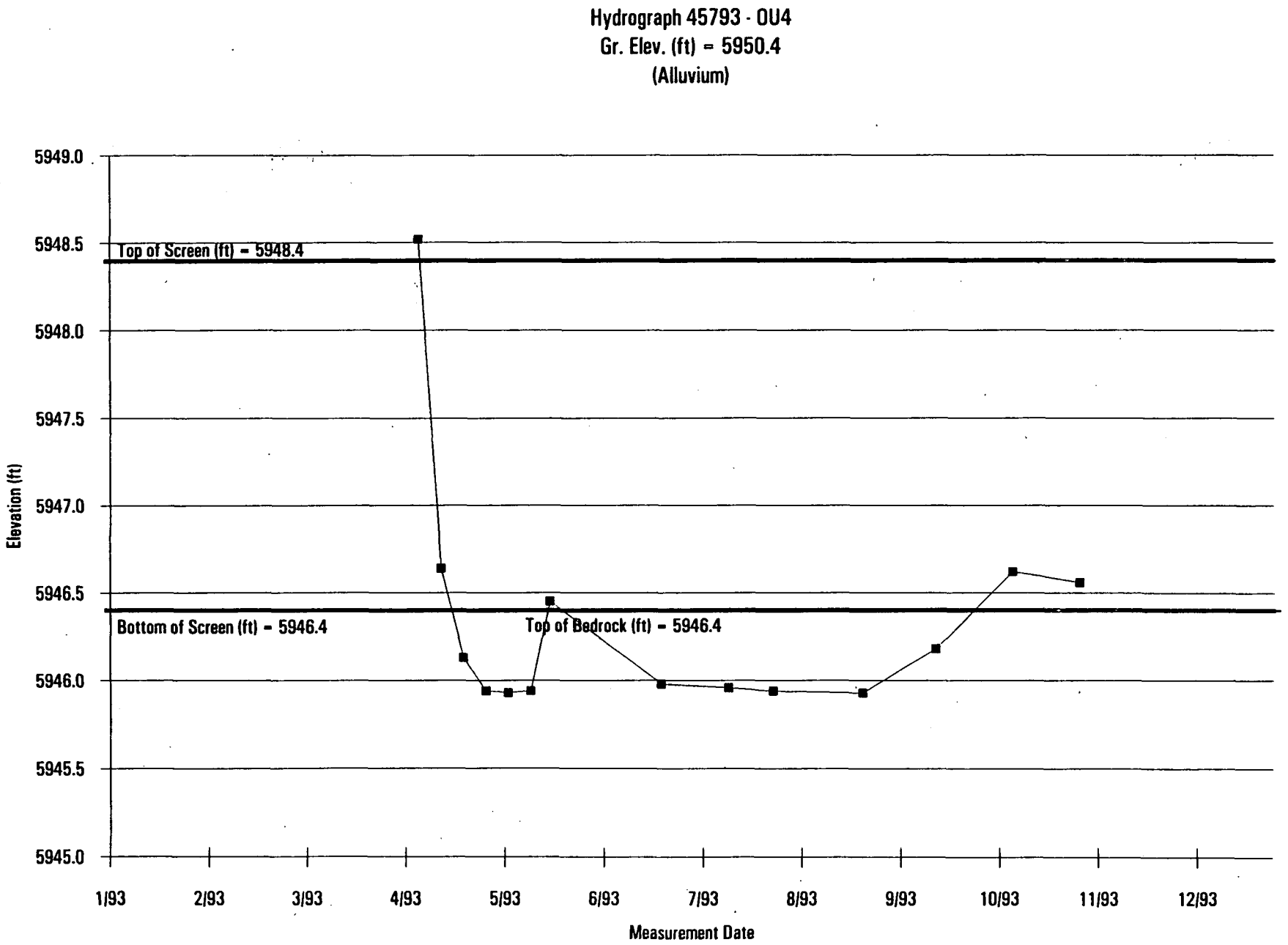
Hydrograph 45693
Gr. Elev. (ft) = 5936.8
(Bedrock)



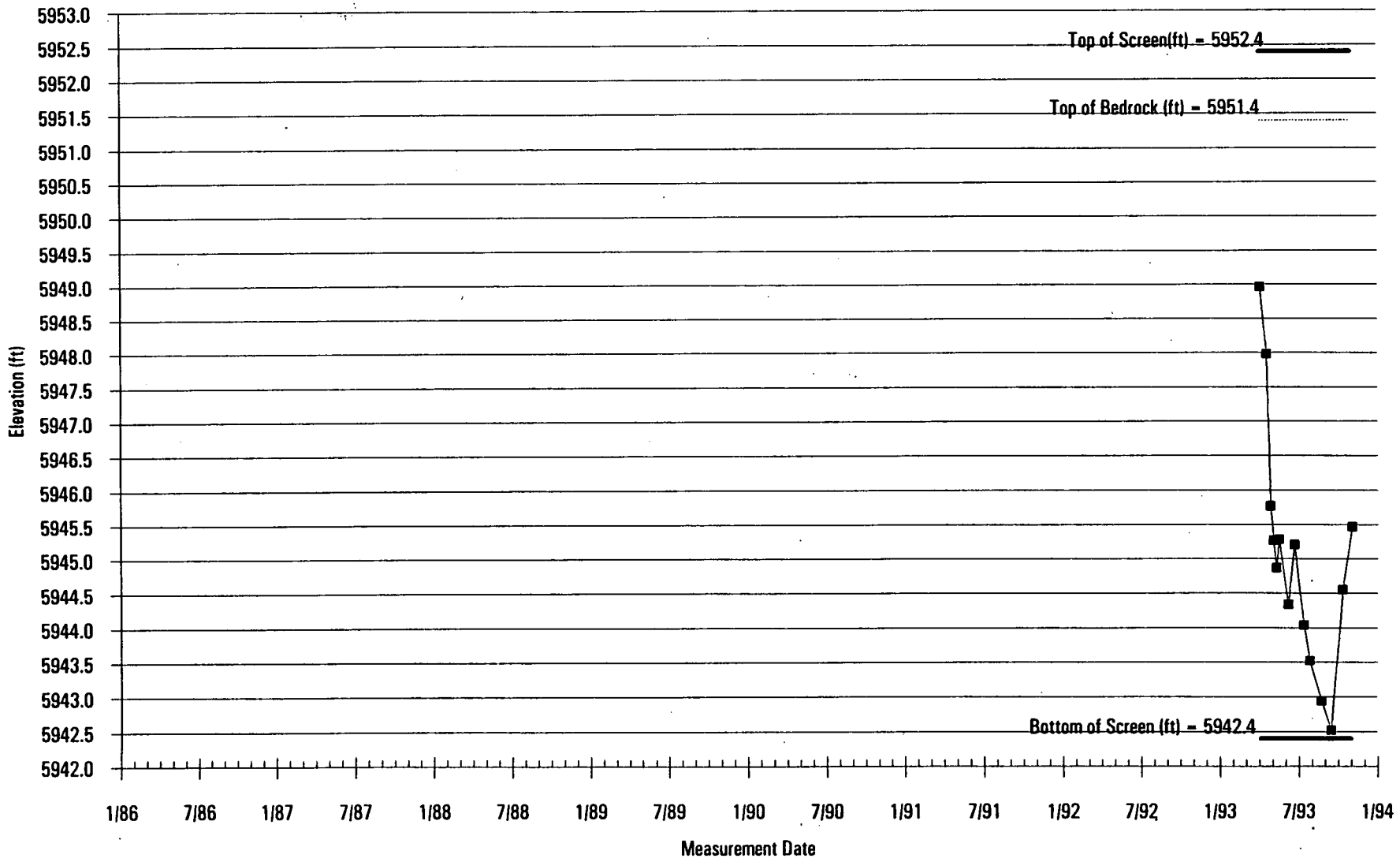

Hydrograph 45693
Gr. Elev. (ft) = 5936.8
(Bedrock)
Elevation (ft)
5938.0
5937.5
5937.0
5936.5
5936.0
5935.5
5935.0
5934.5
5934.0
5933.5
5933.0
5932.5
5932.0
5931.5
5931.0
5930.5
5930.0
5929.5
5929.0
Top of Screen(ft) = 5933.3
Bottom of Screen (ft) = 5931.3
Top of Bedrock (ft) = 5931.2
1/93
2/93
3/93
4/93
5/93
6/93
7/93
8/93
9/93
10/93
11/93
12/93
Measurement Date

Hydrograph 45793 - OU4
Gr. Elev. (ft) = 5950.4
(Alluvium)

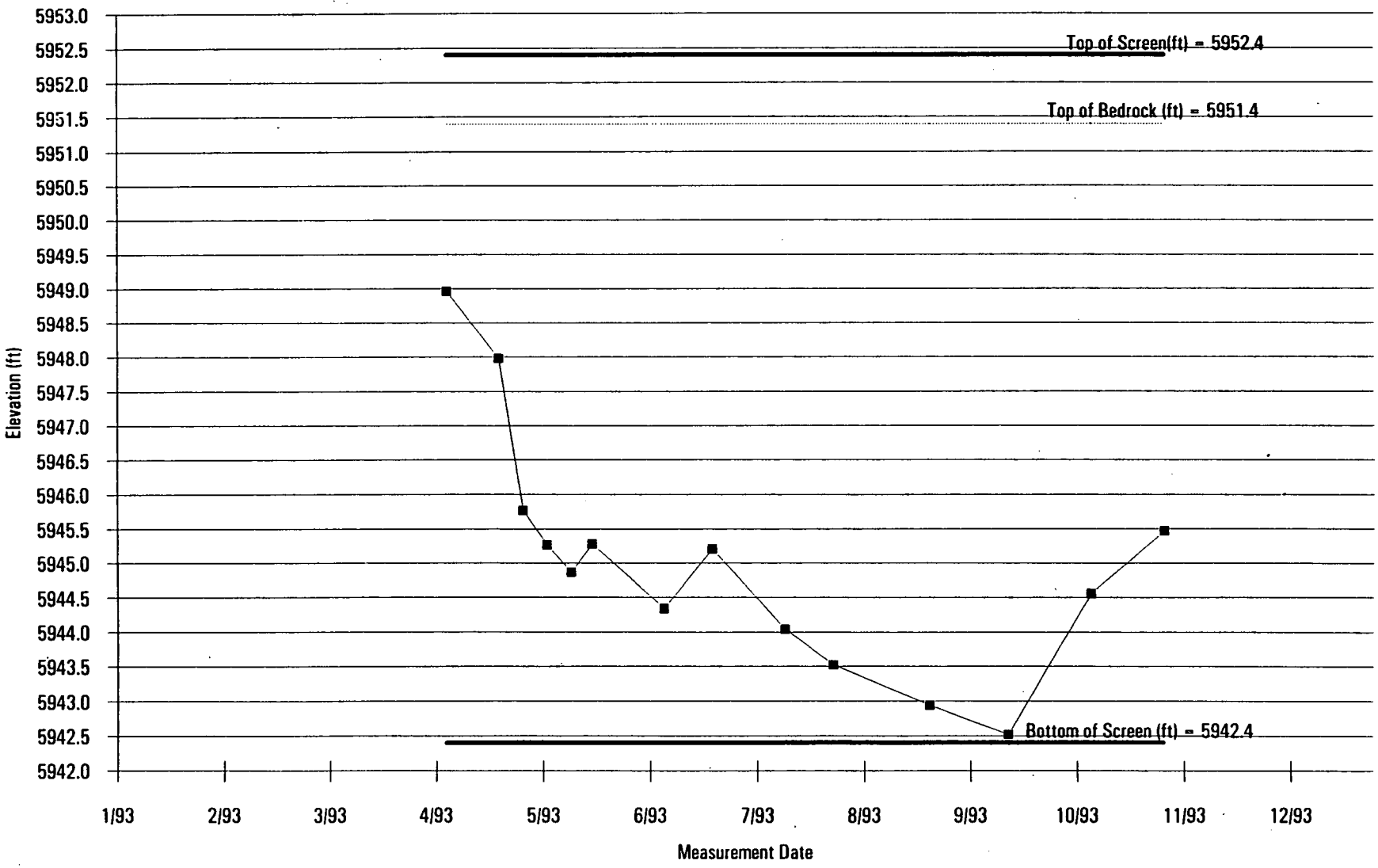



Hydrograph 45793 - OU4
Gr. Elev. (ft) = 5950.4
(Alluvium)
5949.0
5948.5
5948.0
5947.5
5947.0
5946.5
5946.0
5945.5
5945.0
Elevation (ft)
Top of Screen (ft) = 5948.4
Bottom of Screen (ft) = 5946.4
Top of Bedrock (ft) = 5946.4
1/93
2/93
3/93
4/93
5/93
6/93
7/93
8/93
9/93
10/93
11/93
12/93
Measurement Date

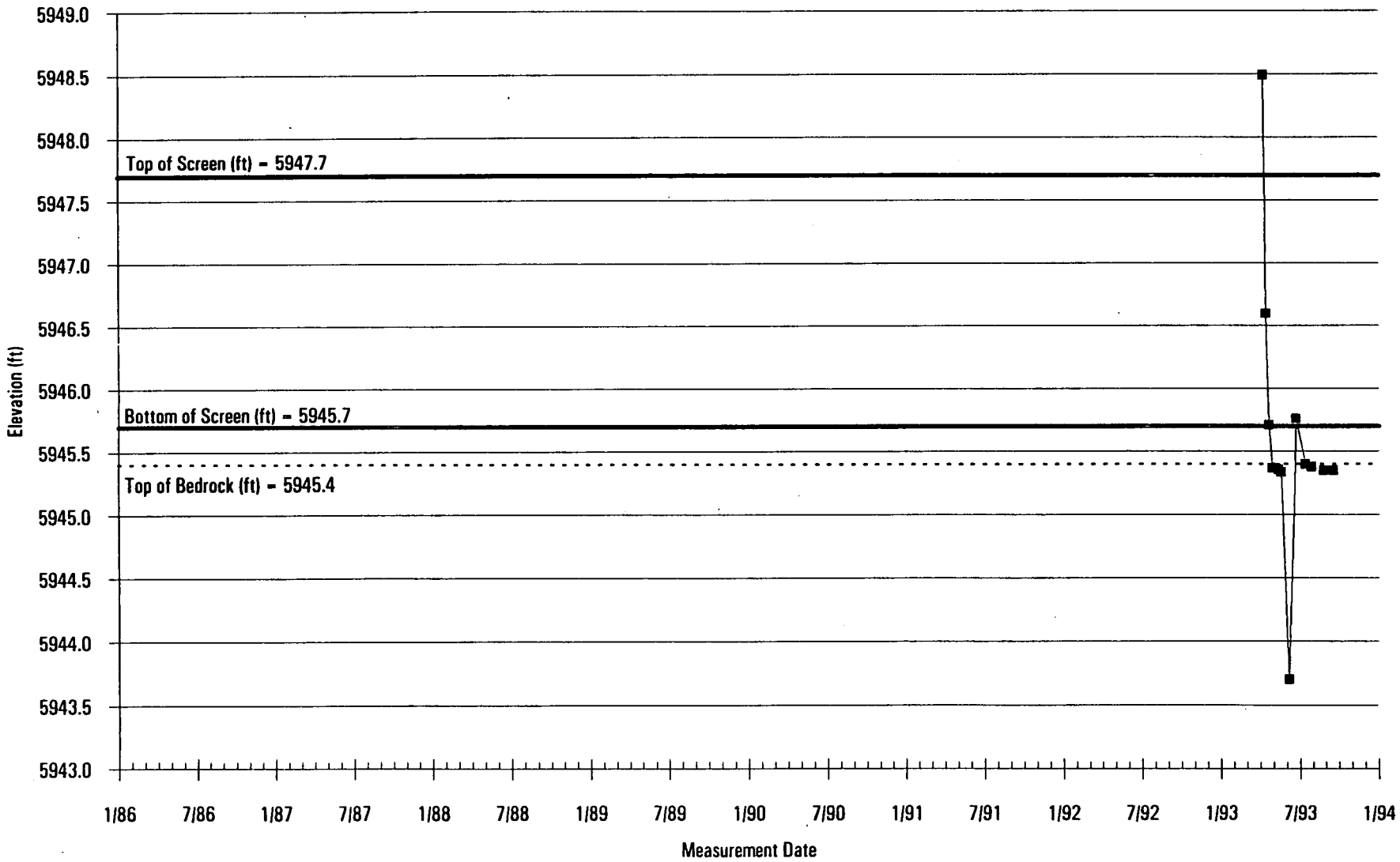
Hydrograph 45893
Gr. Elev. (ft) = 5960.4
(Bedrock)

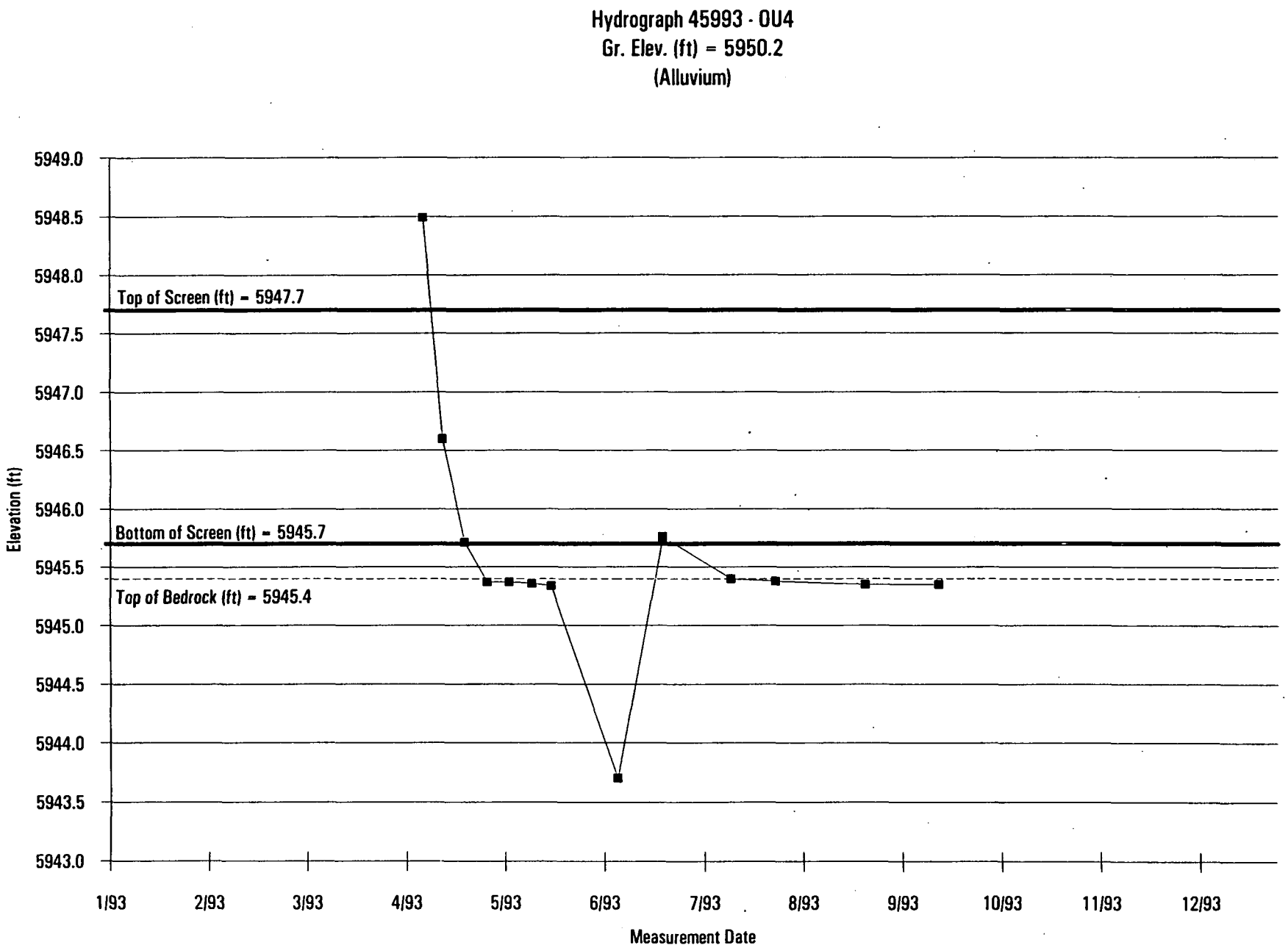


Hydrograph 45893
Gr. Elev. (ft) = 5960.4
(Bedrock)

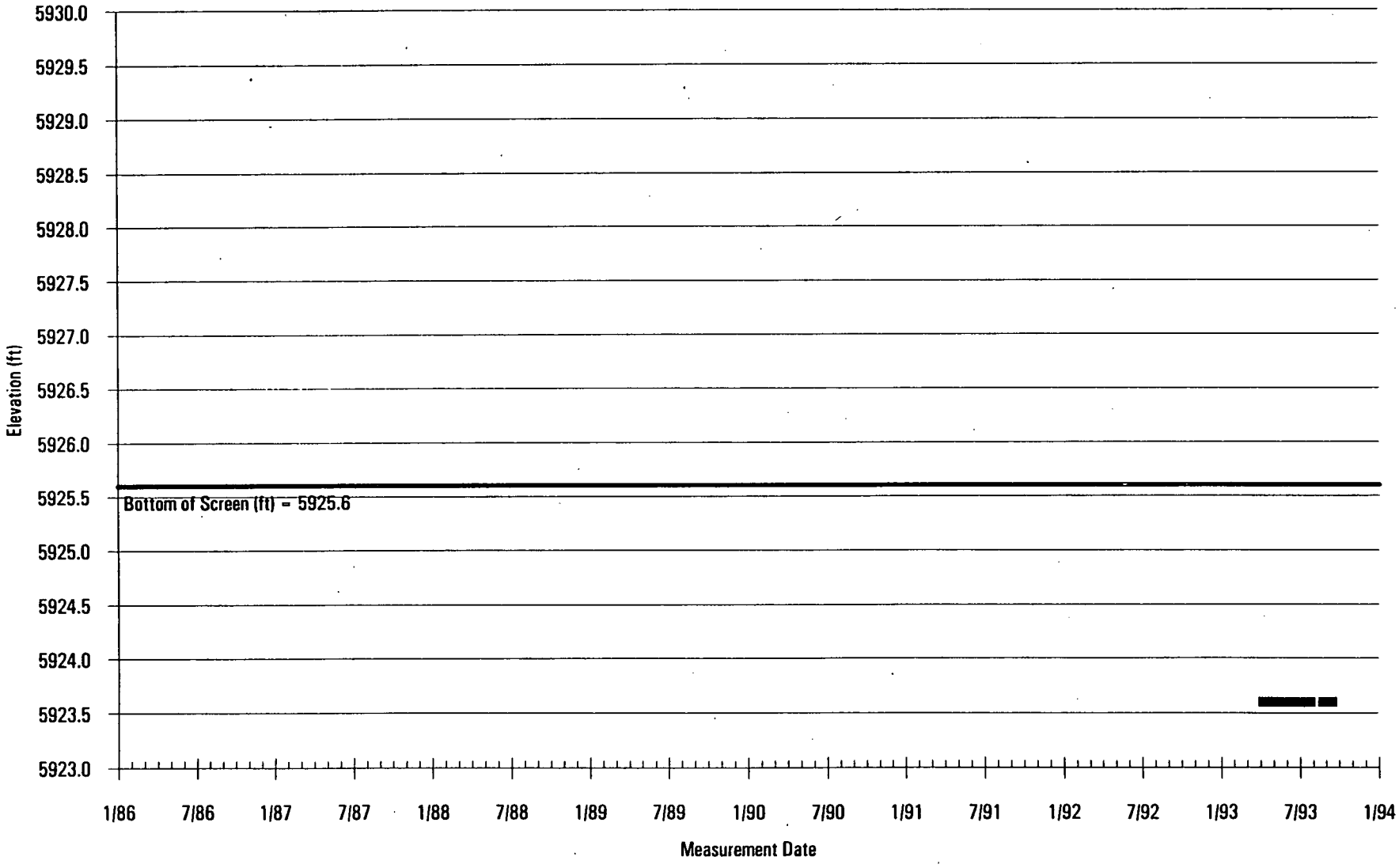


Hydrograph 45993 - OU4
Gr. Elev. (ft) = 5950.2
(Alluvium)

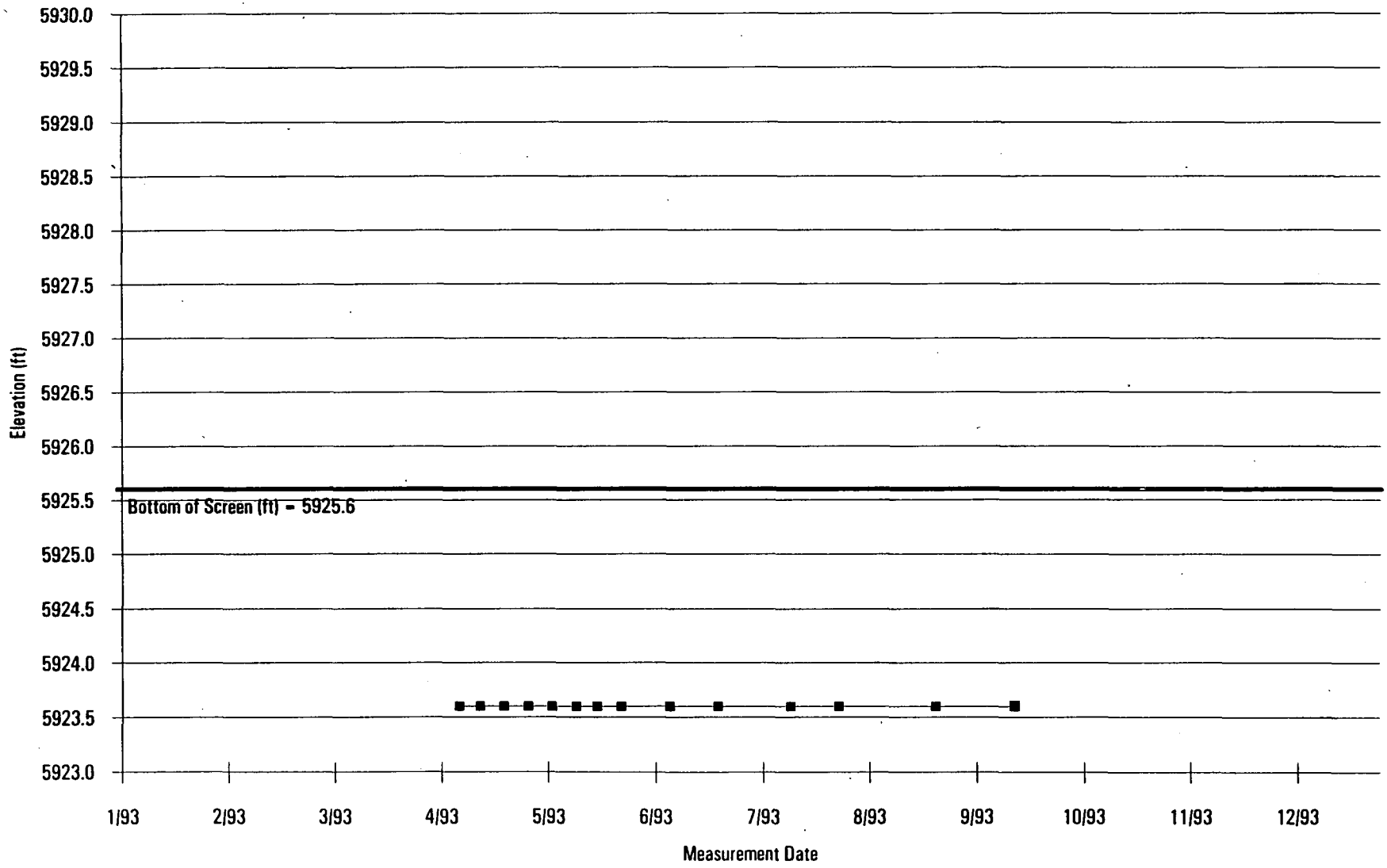



Hydrograph 45993 - OU4
Gr. Elev. (ft) = 5950.2
(Alluvium)
Top of Screen (ft) = 5947.7
Bottom of Screen (ft) = 5945.7
Top of Bedrock (ft) = 5945.4
Elevation (ft)
5949.0
5948.5
5948.0
5947.5
5947.0
5946.5
5946.0
5945.5
5945.0
5944.5
5944.0
5943.5
5943.0
1/93
2/93
3/93
4/93
5/93
6/93
7/93
8/93
9/93
10/93
11/93
12/93
Measurement Date

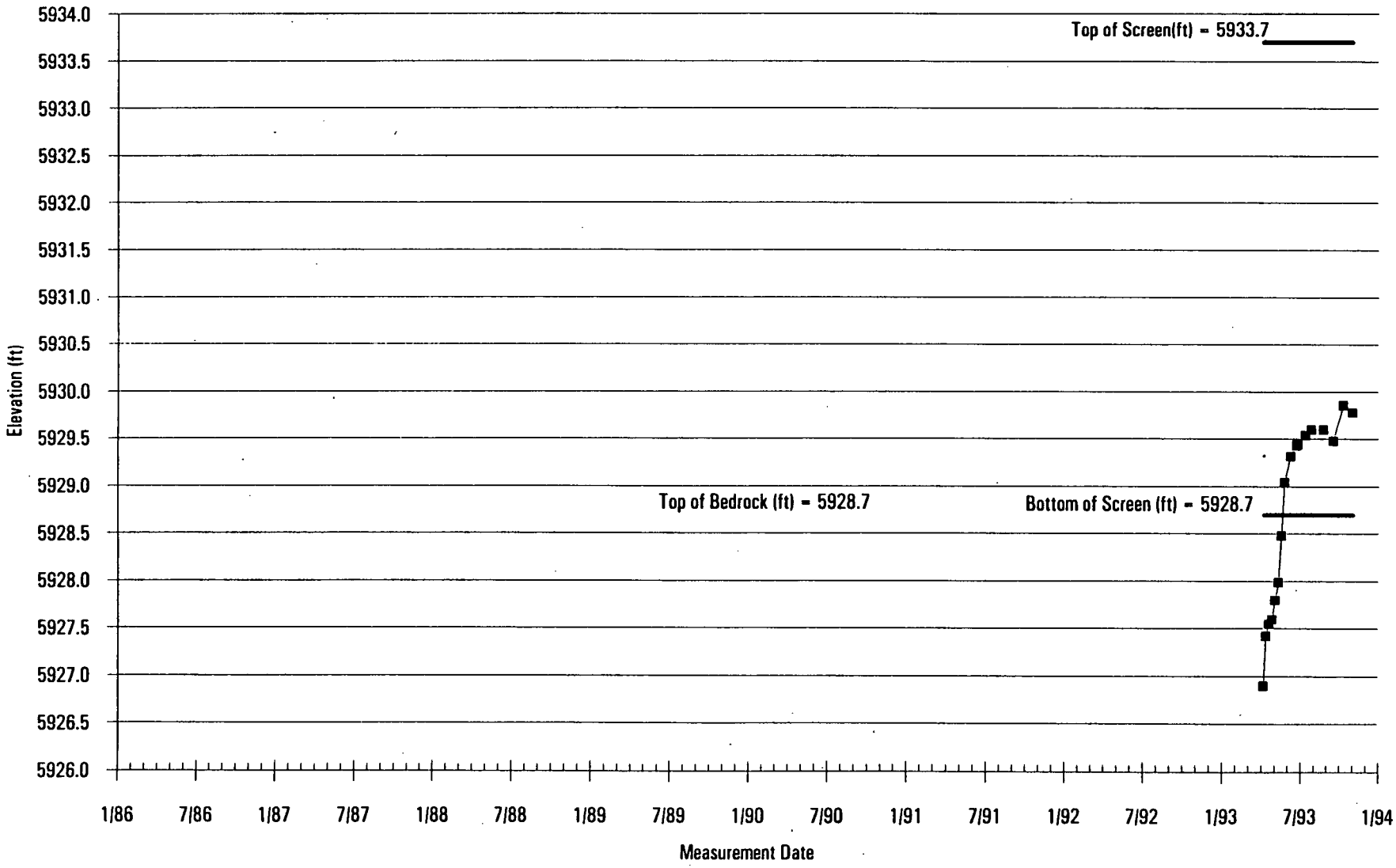
Hydrograph 46093 - OU4
Gr. Elev. (ft) = 5932.6
(Alluvium)



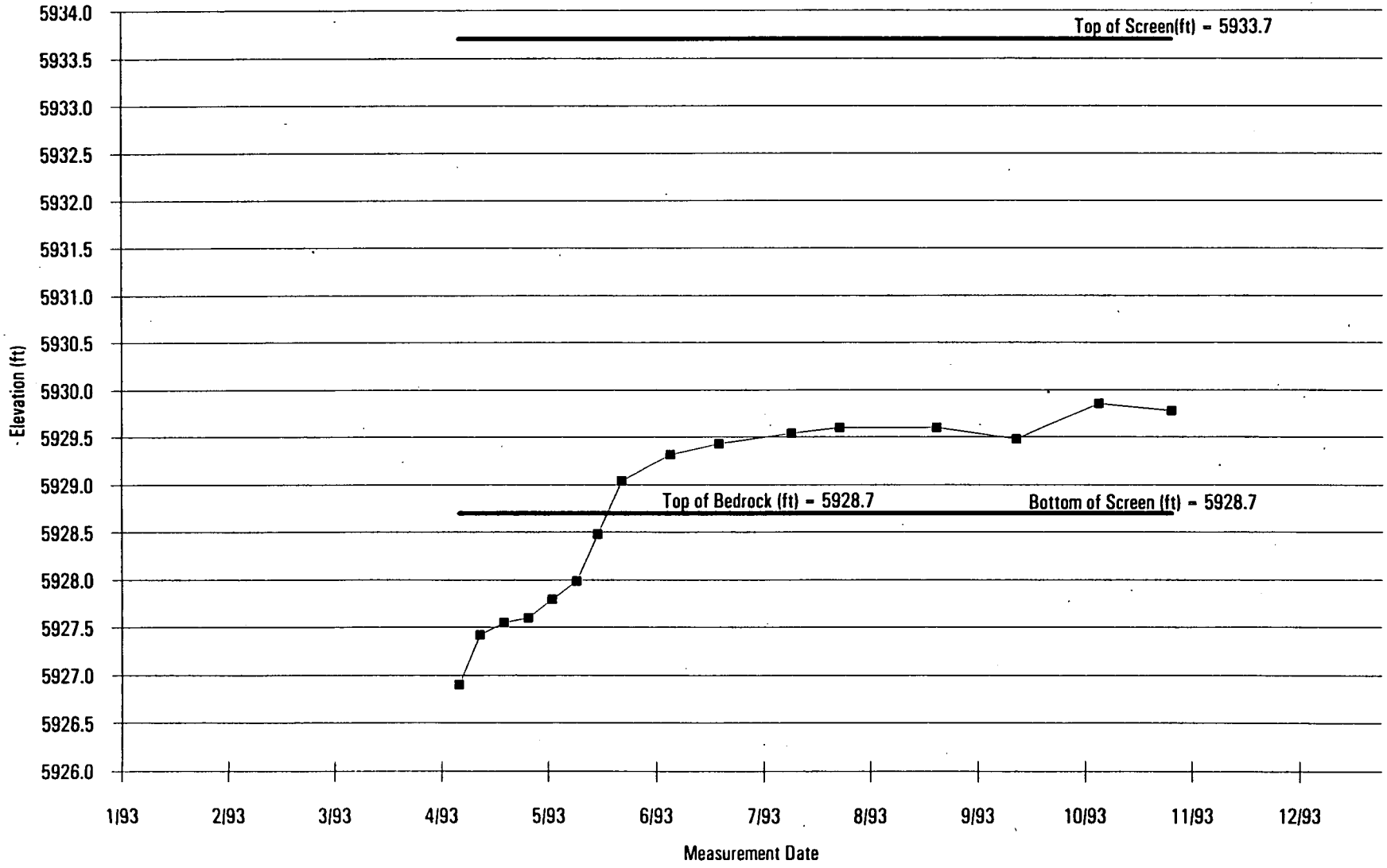
Hydrograph 46093 - OU4
Gr. Elev. (ft) = 5932.6
(Alluvium)



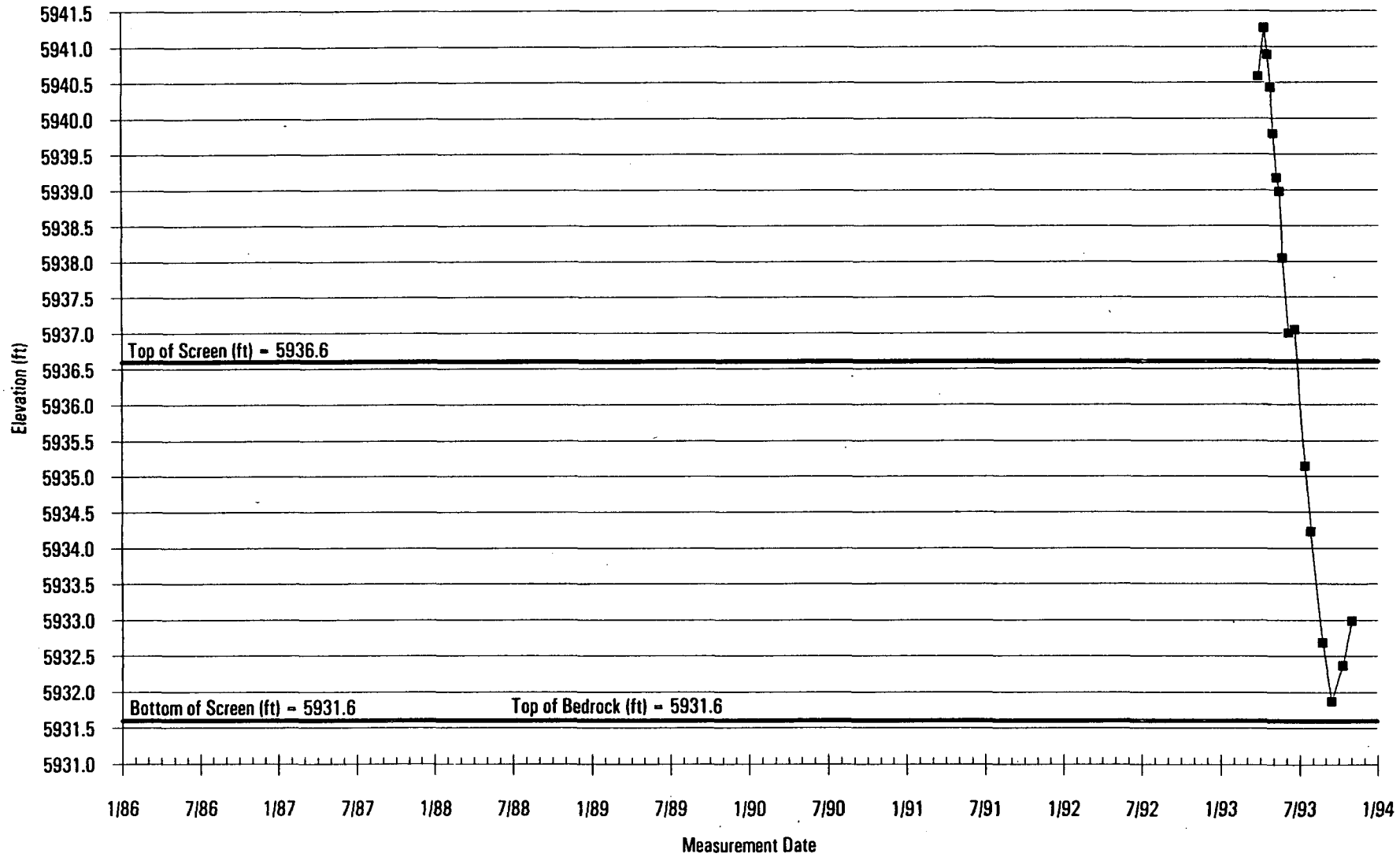
Hydrograph 46193
Gr. Elev. (ft) = 5935.7
(Bedrock)

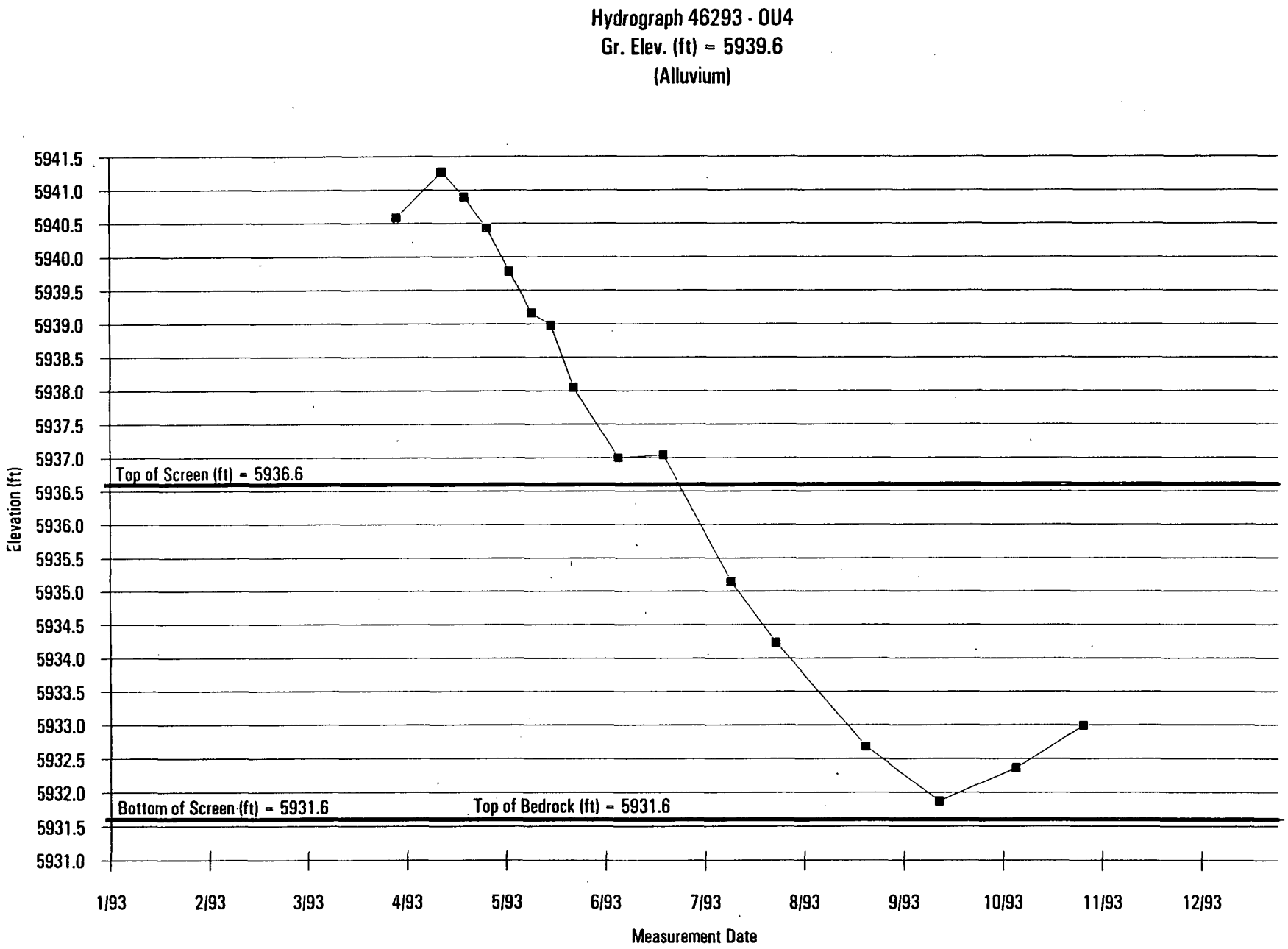


Hydrograph 46193
Gr. Elev. (ft) = 5935.7
(Bedrock)

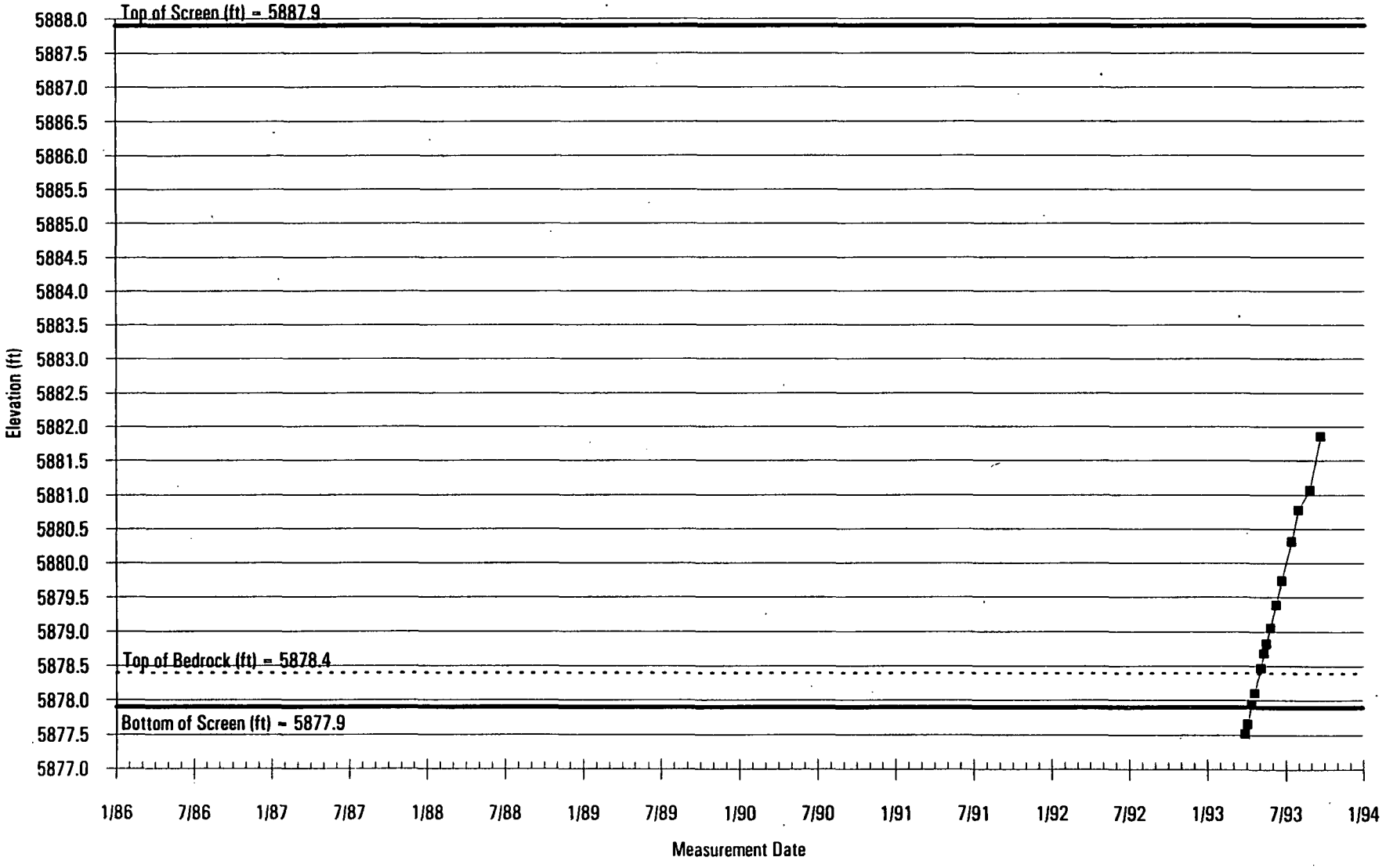


Hydrograph 46293 - OU4
Gr. Elev. (ft) = 5939.6
(Alluvium)

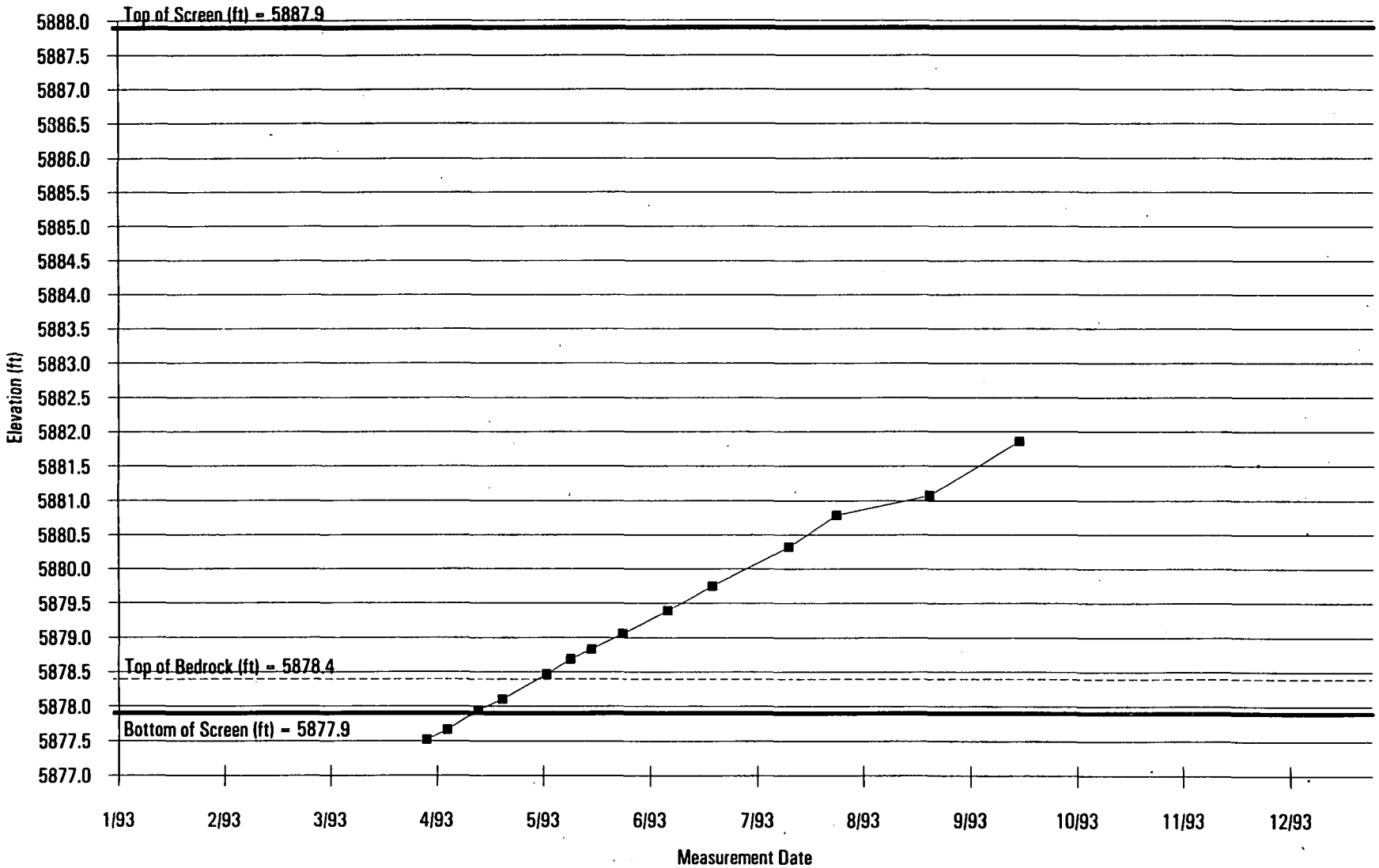



Hydrograph 46293 - OU4
Gr. Elev. (ft) = 5939.6
(Alluvium)
Elevation (ft)
5941.5
5941.0
5940.5
5940.0
5939.5
5939.0
5938.5
5938.0
5937.5
5937.0
5936.5
5936.0
5935.5
5935.0
5934.5
5934.0
5933.5
5933.0
5932.5
5932.0
5931.5
5931.0
Top of Screen (ft) = 5936.6
Bottom of Screen (ft) = 5931.6
Top of Bedrock (ft) = 5931.6
1/93
2/93
3/93
4/93
5/93
6/93
7/93
8/93
9/93
10/93
11/93
12/93
Measurement Date

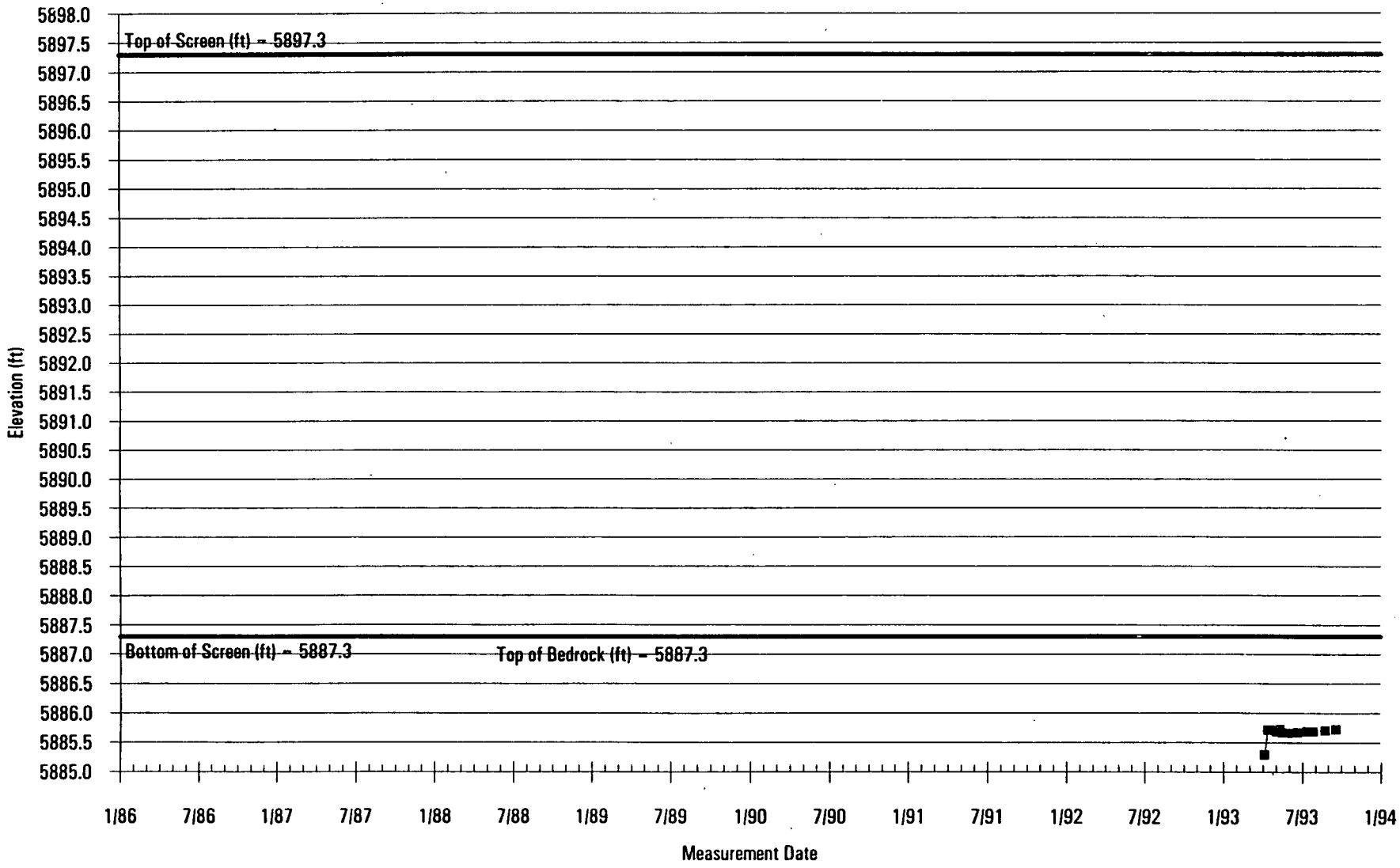
Hydrograph 46393 - OU4
Gr. Elev. (ft) = 5900.4
(Alluvium)



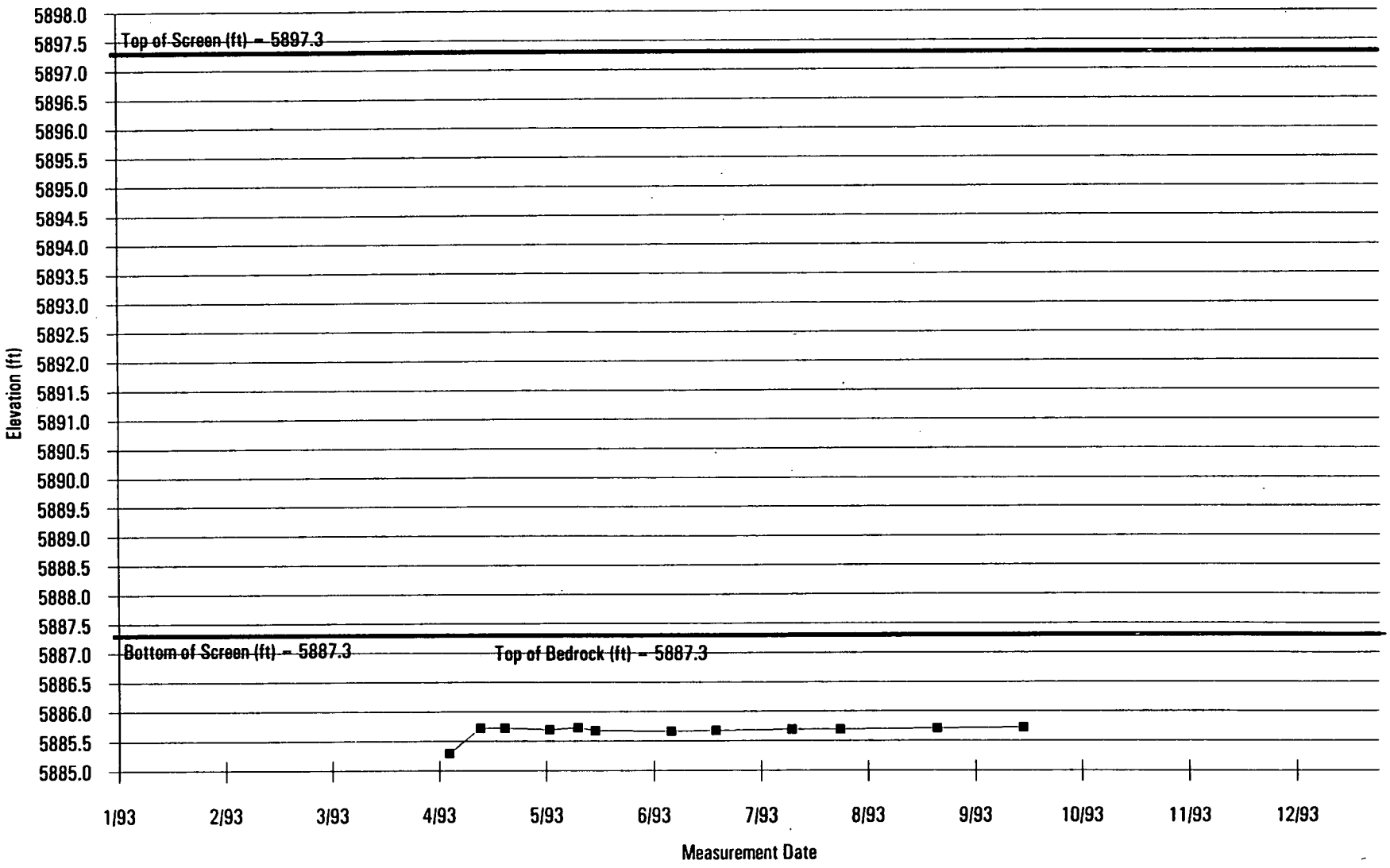
Hydrograph 46393 - OU4
Gr. Elev. (ft) = 5900.4
(Alluvium)



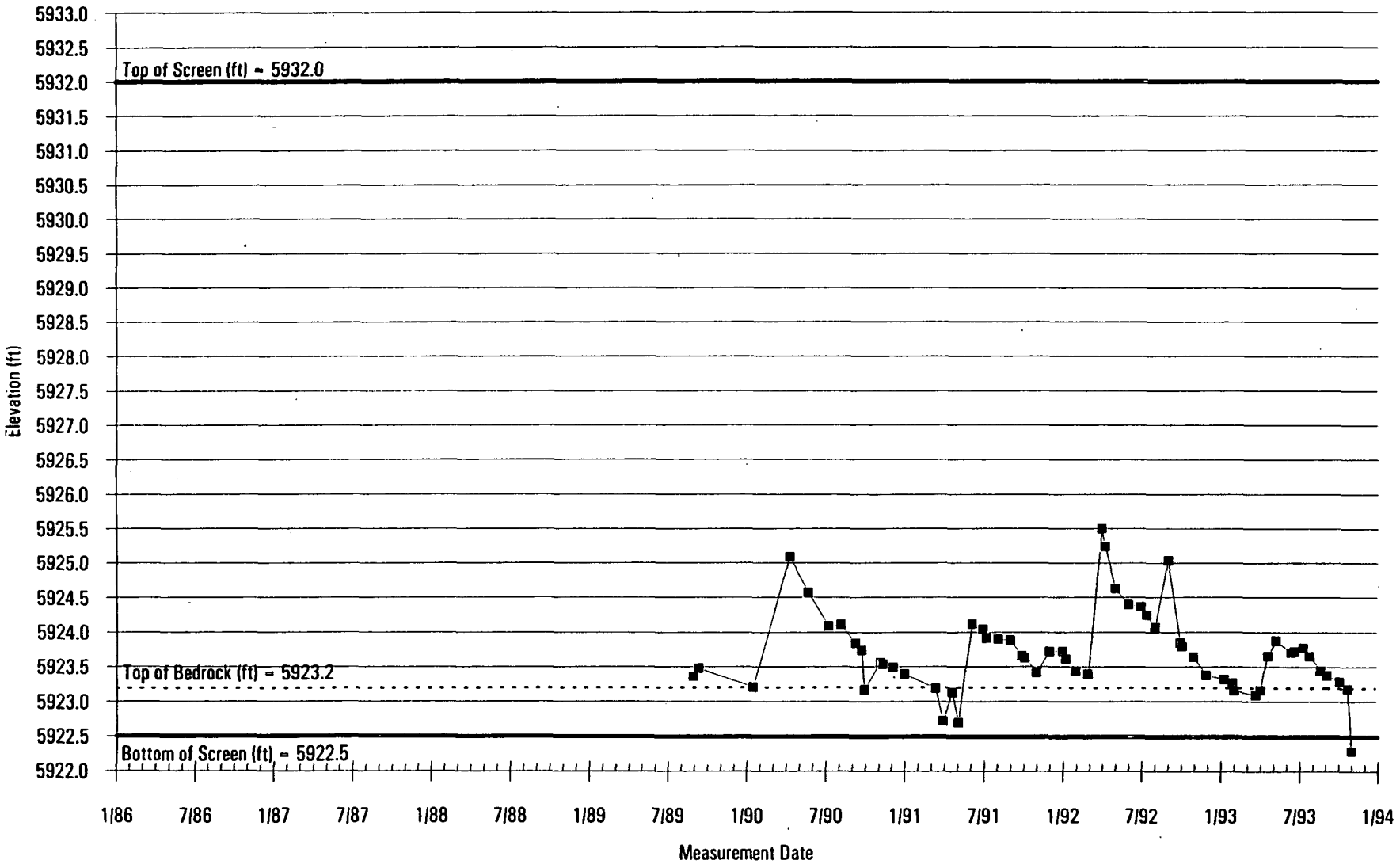
Hydrograph 46493 - OU4
Gr. Elev. (ft) = 5903.3
(Alluvium)



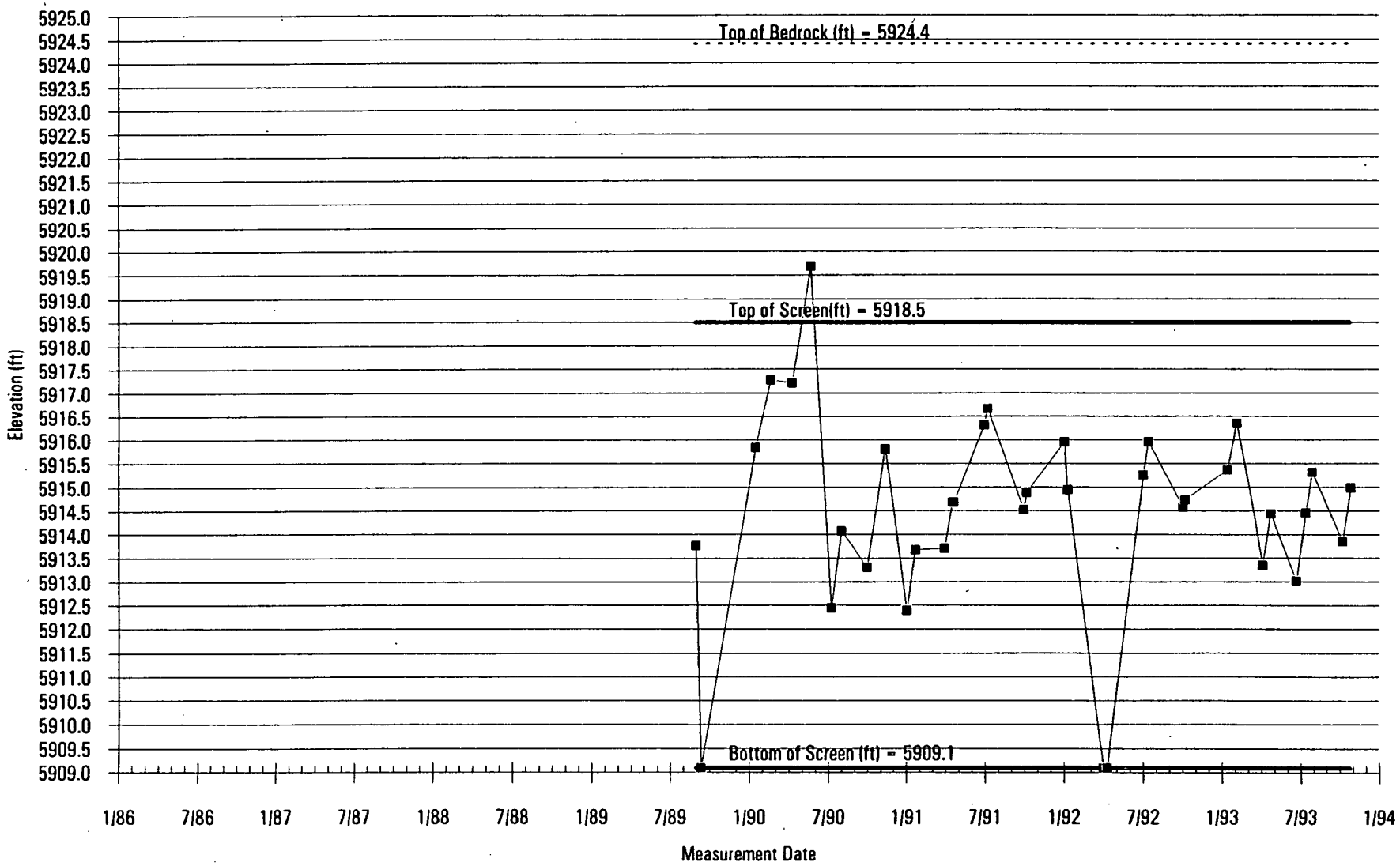
Hydrograph 46493 - OU4
Gr. Elev. (ft) = 5903.3
(Alluvium)



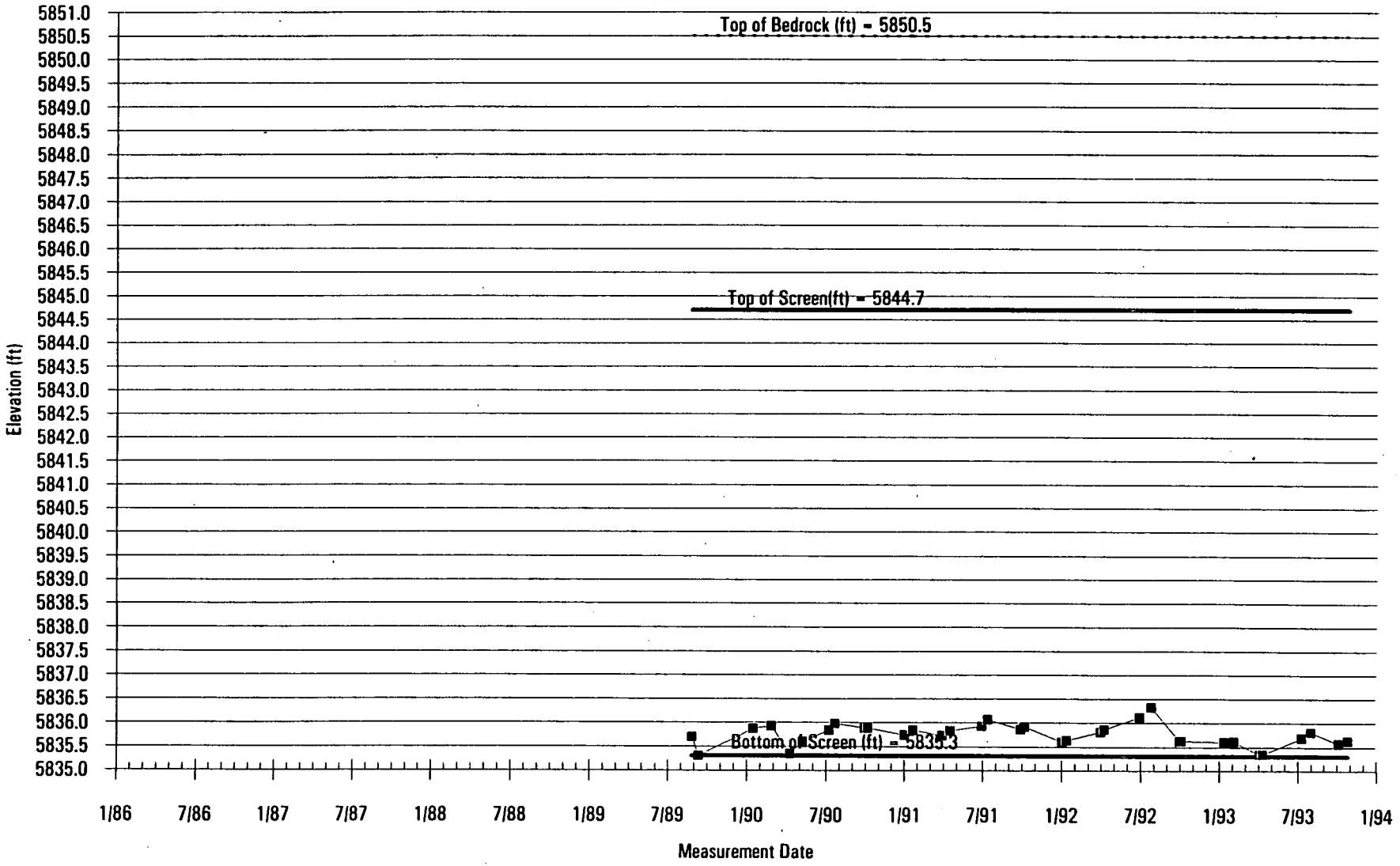
Hydrograph B208089 - OU4
Gr. Elev. (ft) = 5935.4
(Alluvium)



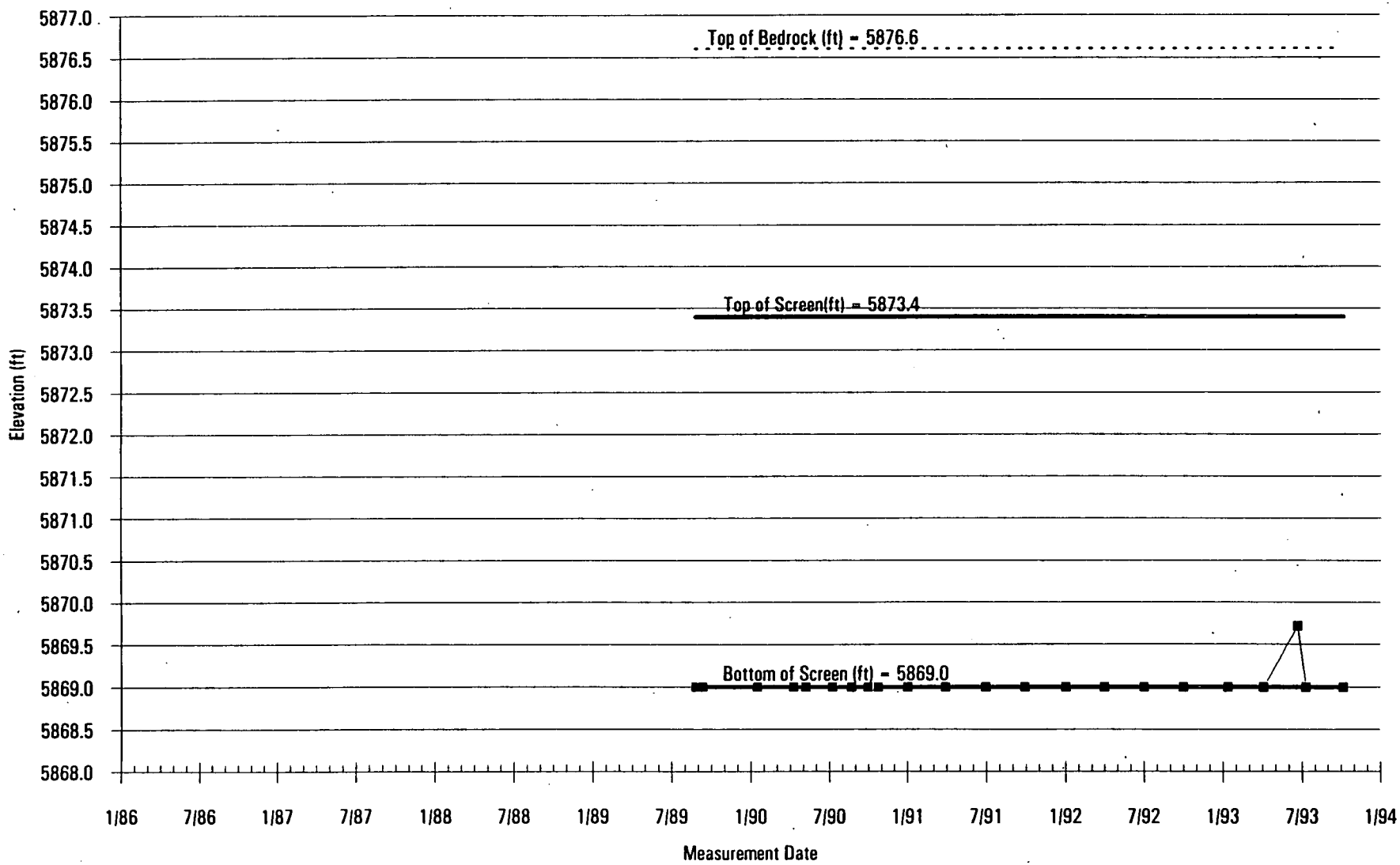
Hydrograph B208189
Gr. Elev. (ft) = 5935.4
(Bedrock)



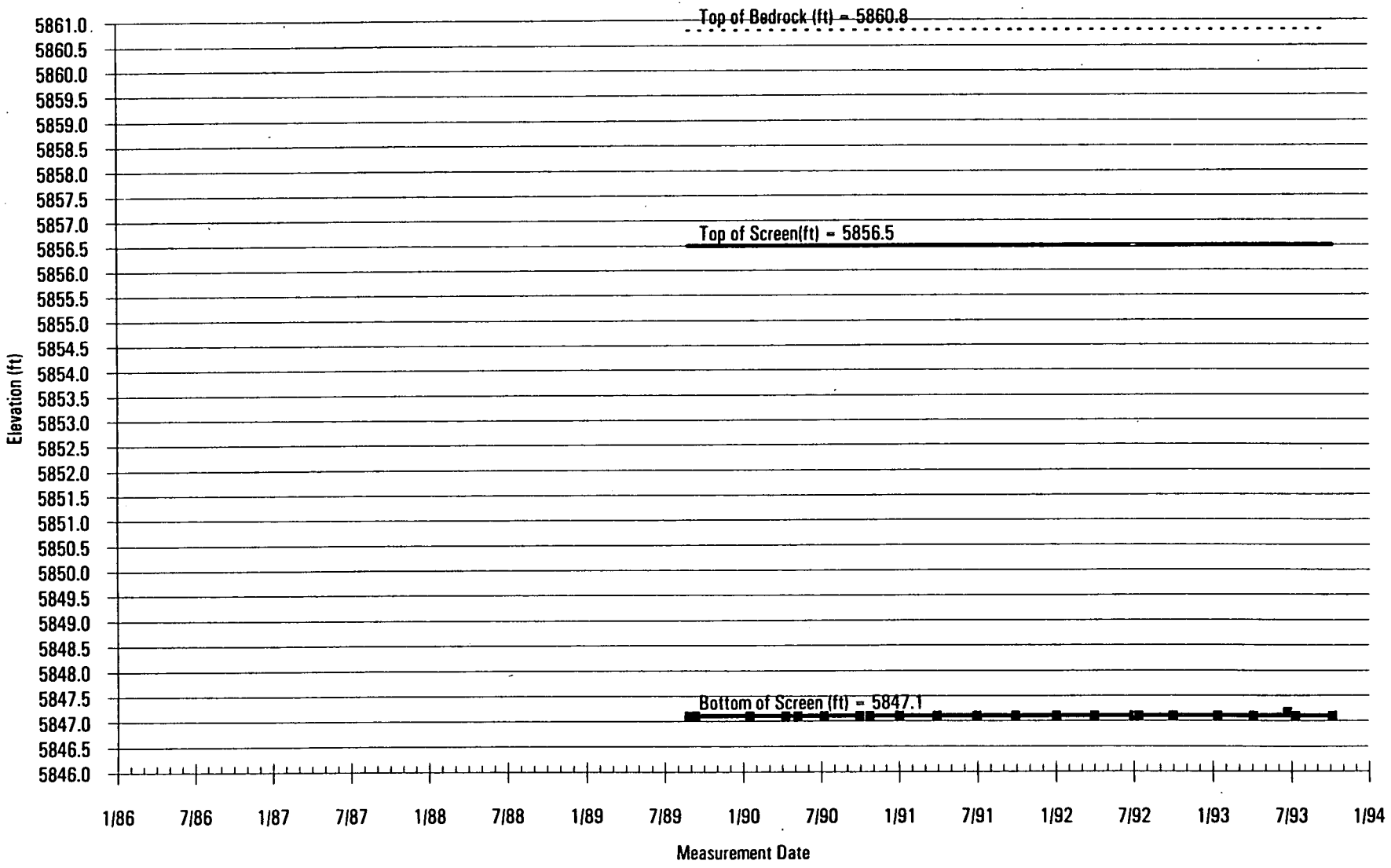
Hydrograph B208289
Gr. Elev. (ft) = 5850.7
(Bedrock)



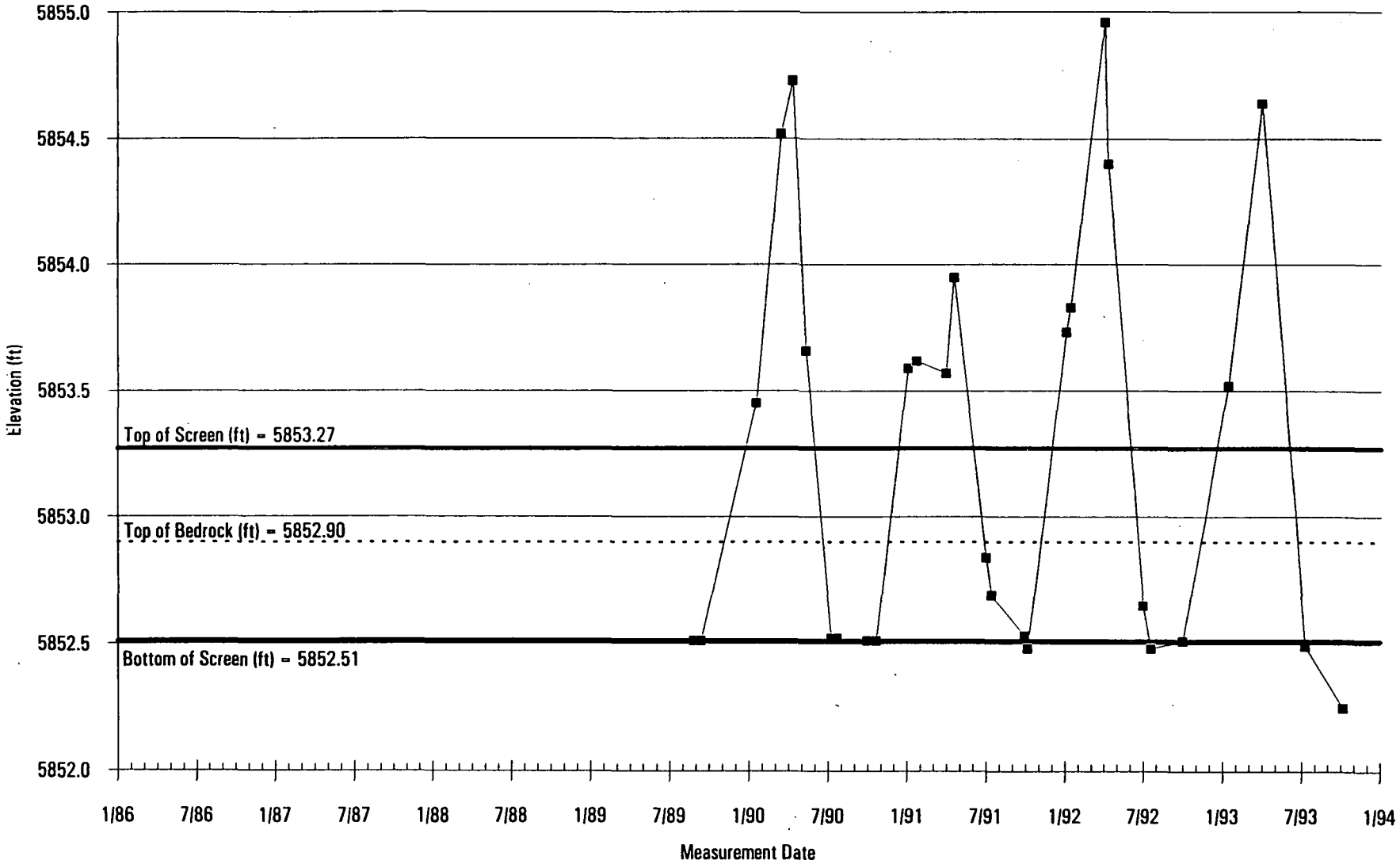
Hydrograph B208389
Gr. Elev. (ft) = 5876.8
(Bedrock)



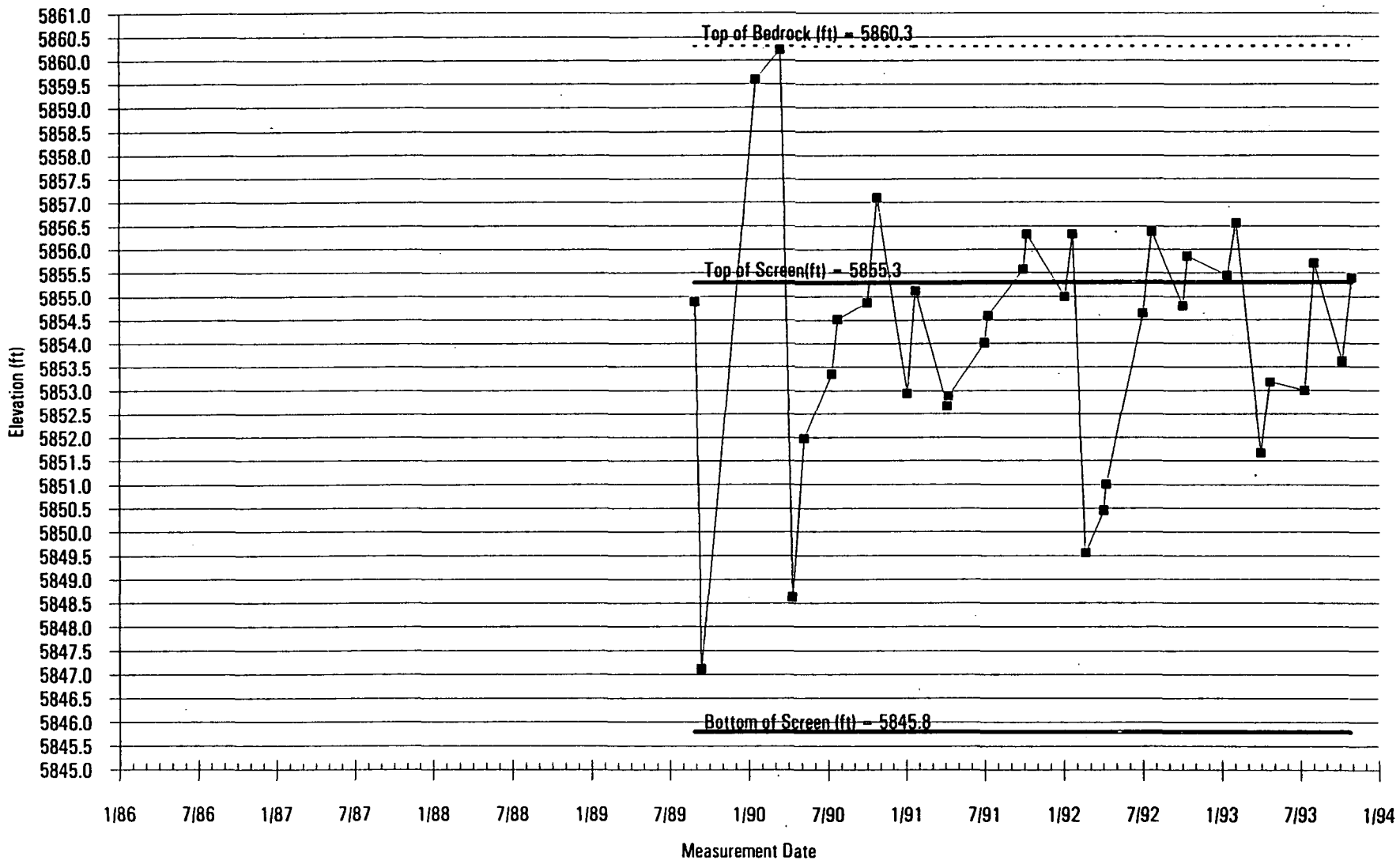
Hydrograph B208489
Gr. Elev. (ft) = 5876.3
(Bedrock)



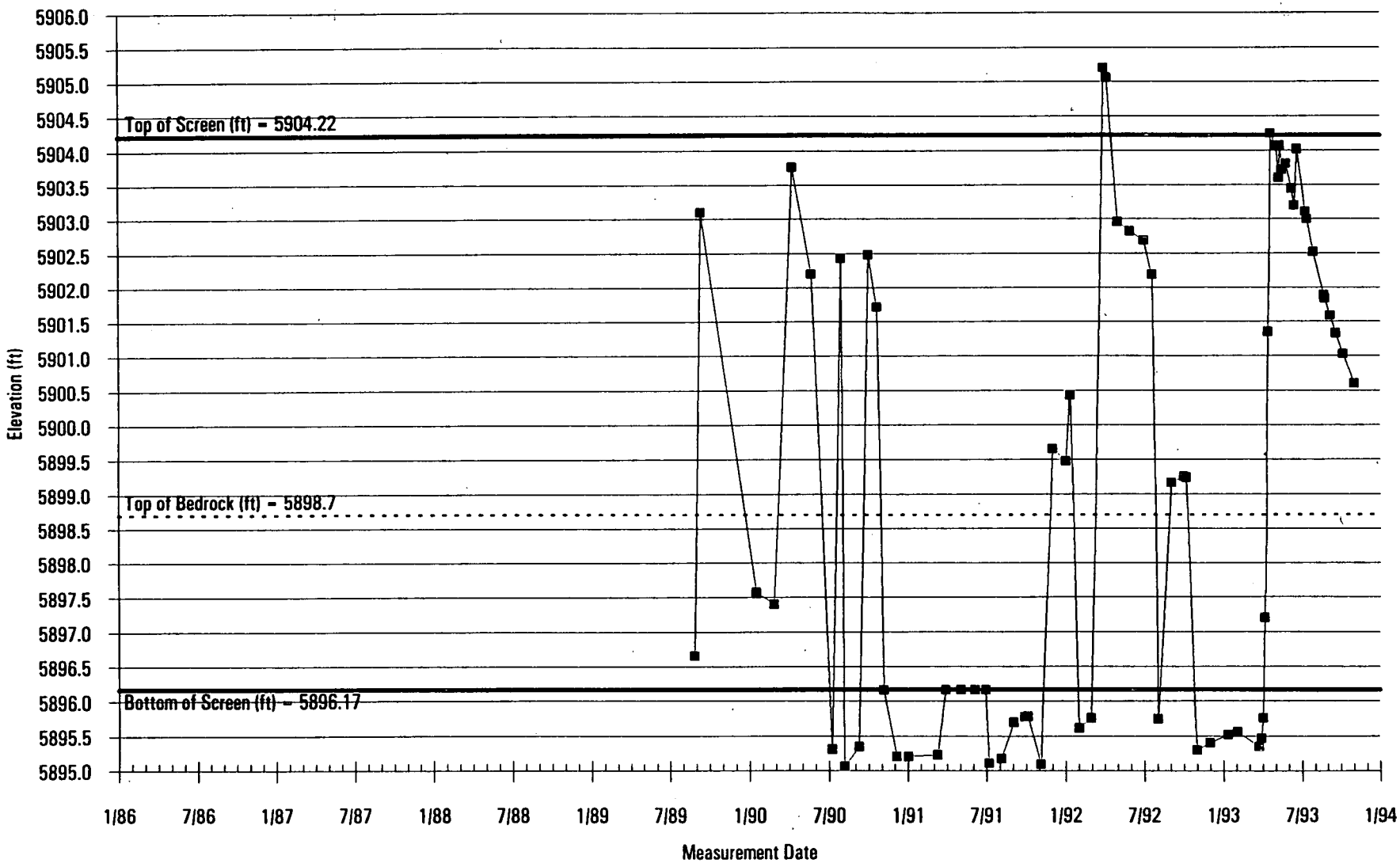
Hydrograph B208589 - OU4
Gr. Elev. (ft) = 5856.5
(Alluvium)



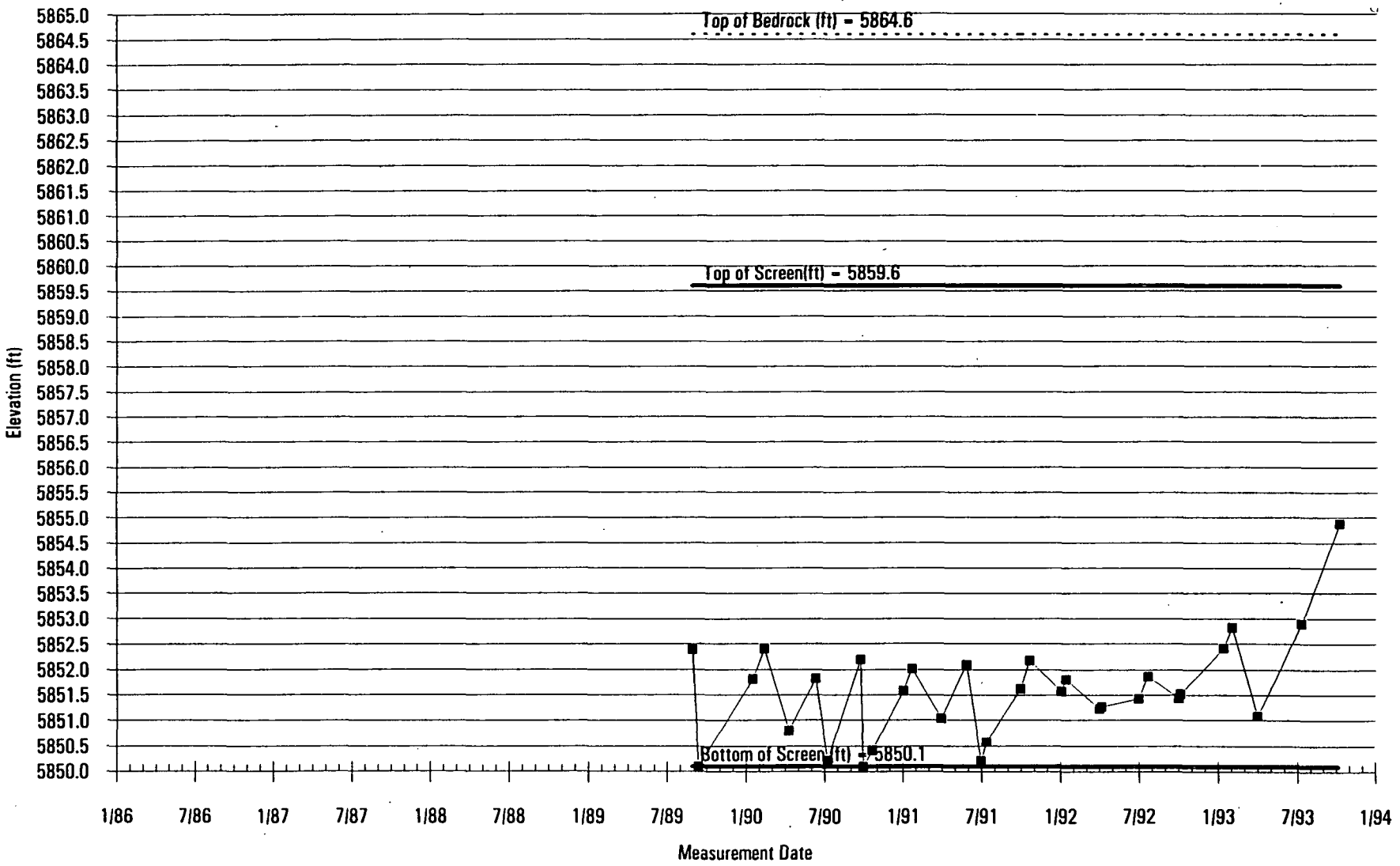
Hydrograph B208689
Gr. Elev. (ft) = 5867.6
(Bedrock)



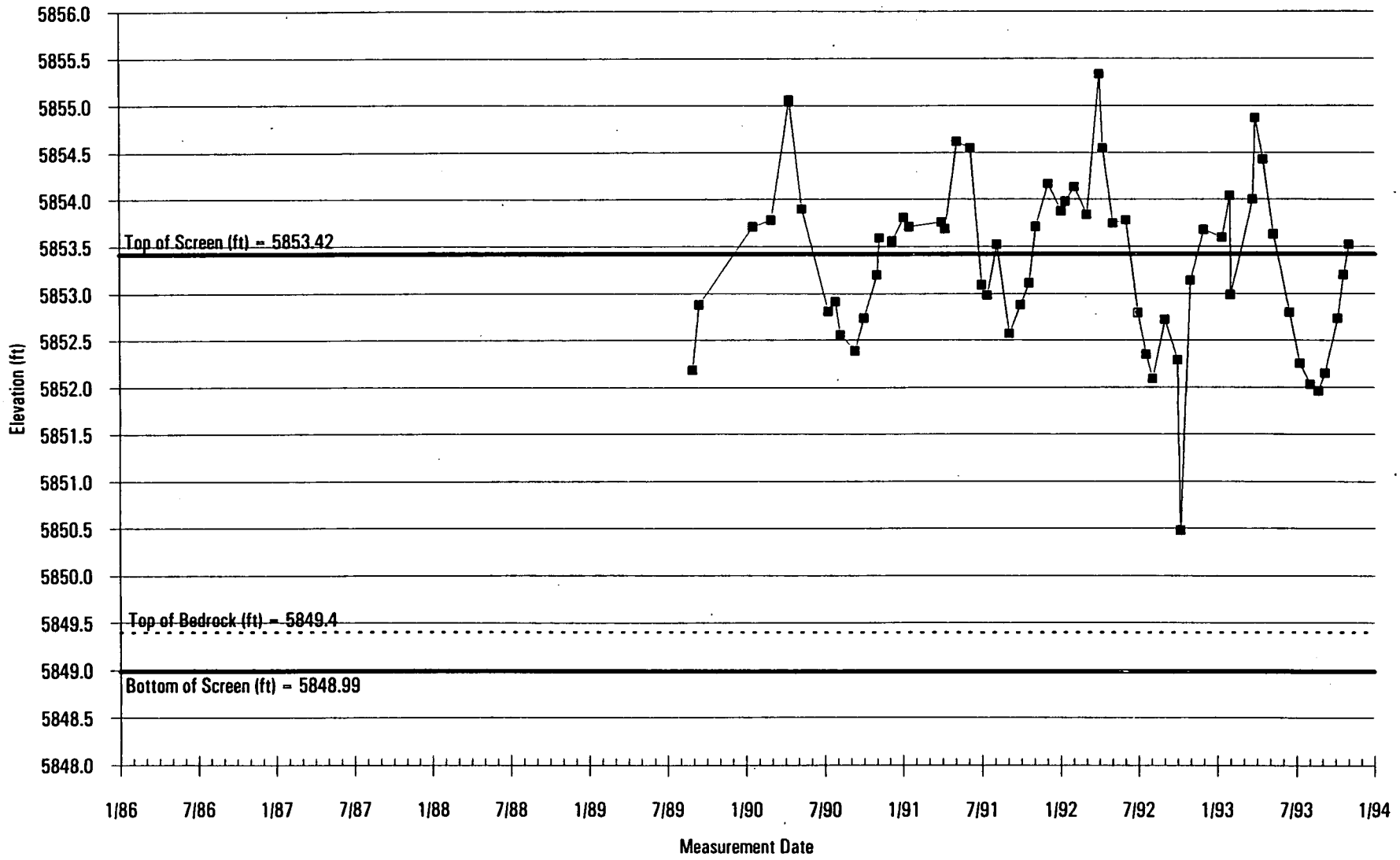
Hydrograph B208789 - OU4
Gr. Elev. (ft) = 5907.1
(Alluvium)



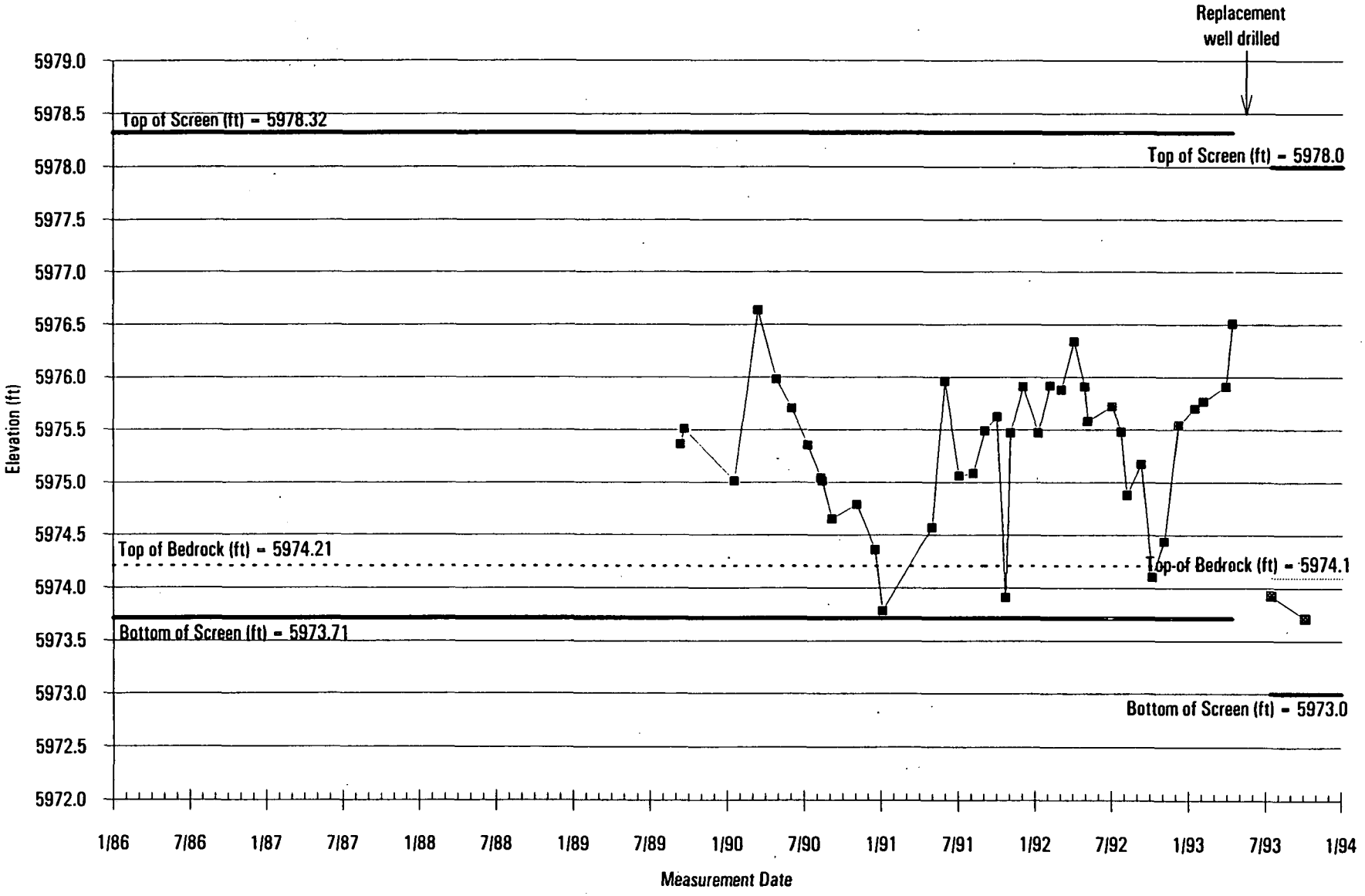
Hydrograph B210389
Gr. Elev. (ft) = 5873.2
(Bedrock)



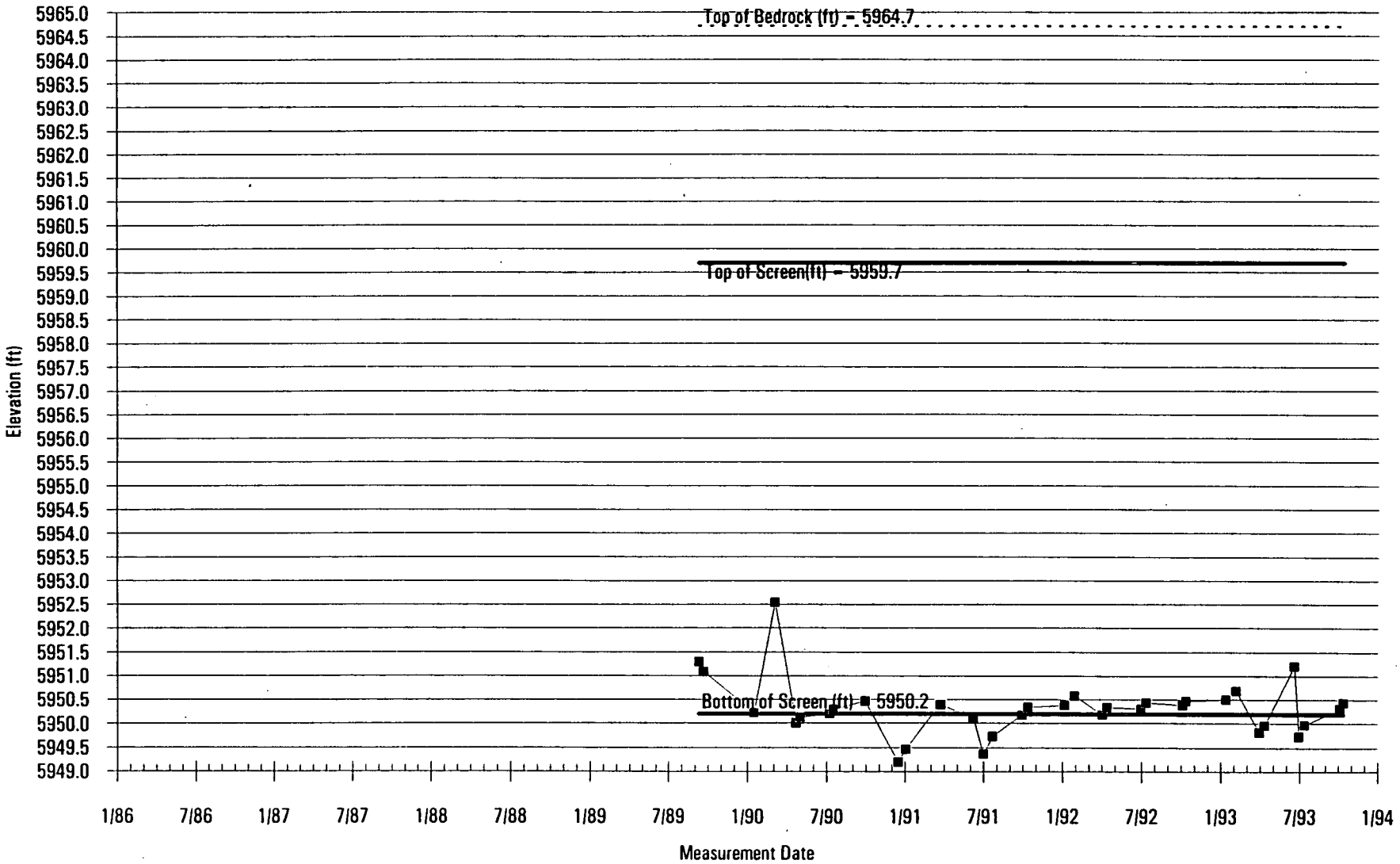
Hydrograph B210489 - OU4
Gr. Elev. (ft) = 5856.4
(Alluvium)



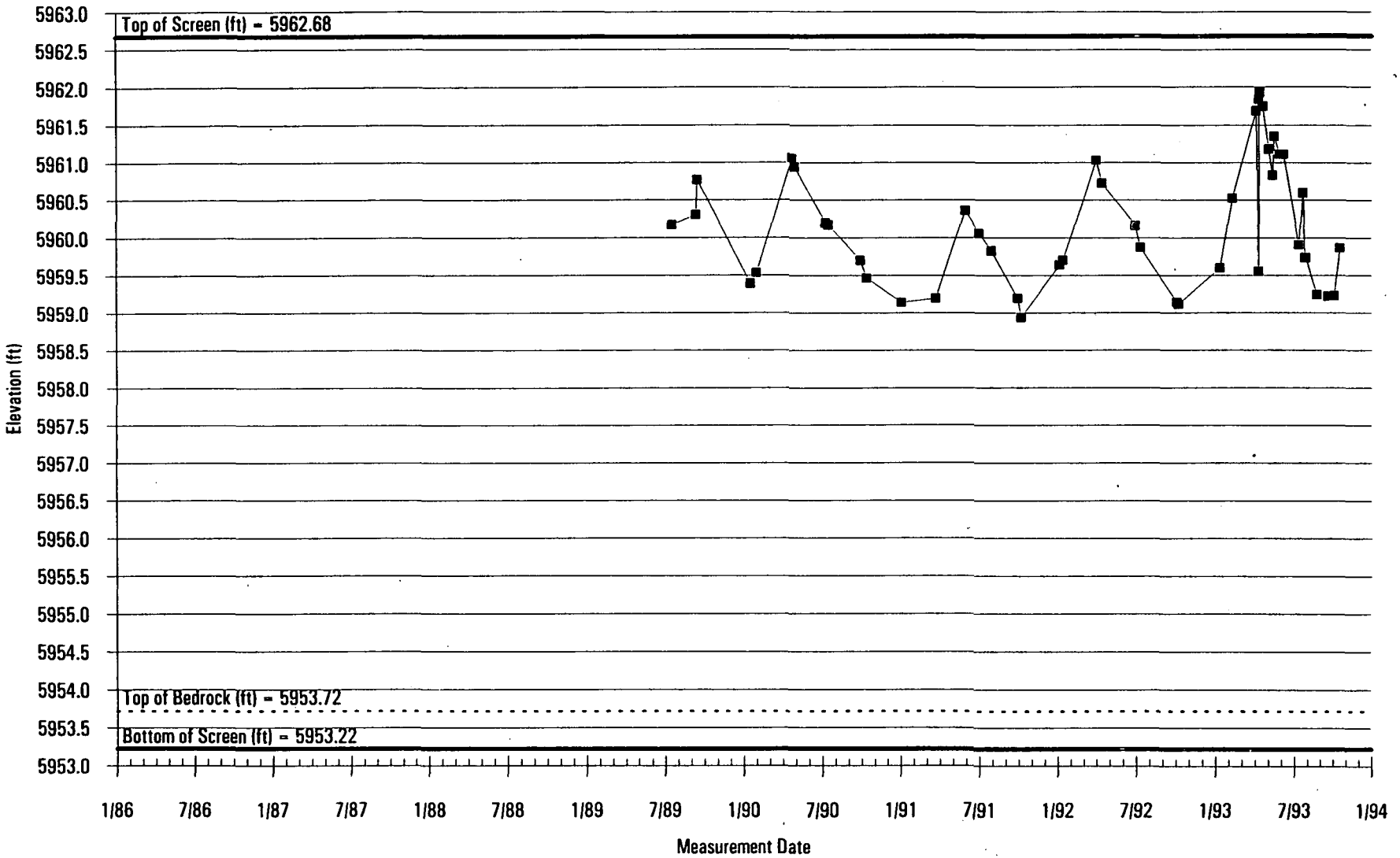
Hydrograph P207489/05293 - OU4
Gr. Elev. (ft) = 5980.7/5980.7
(Alluvium)



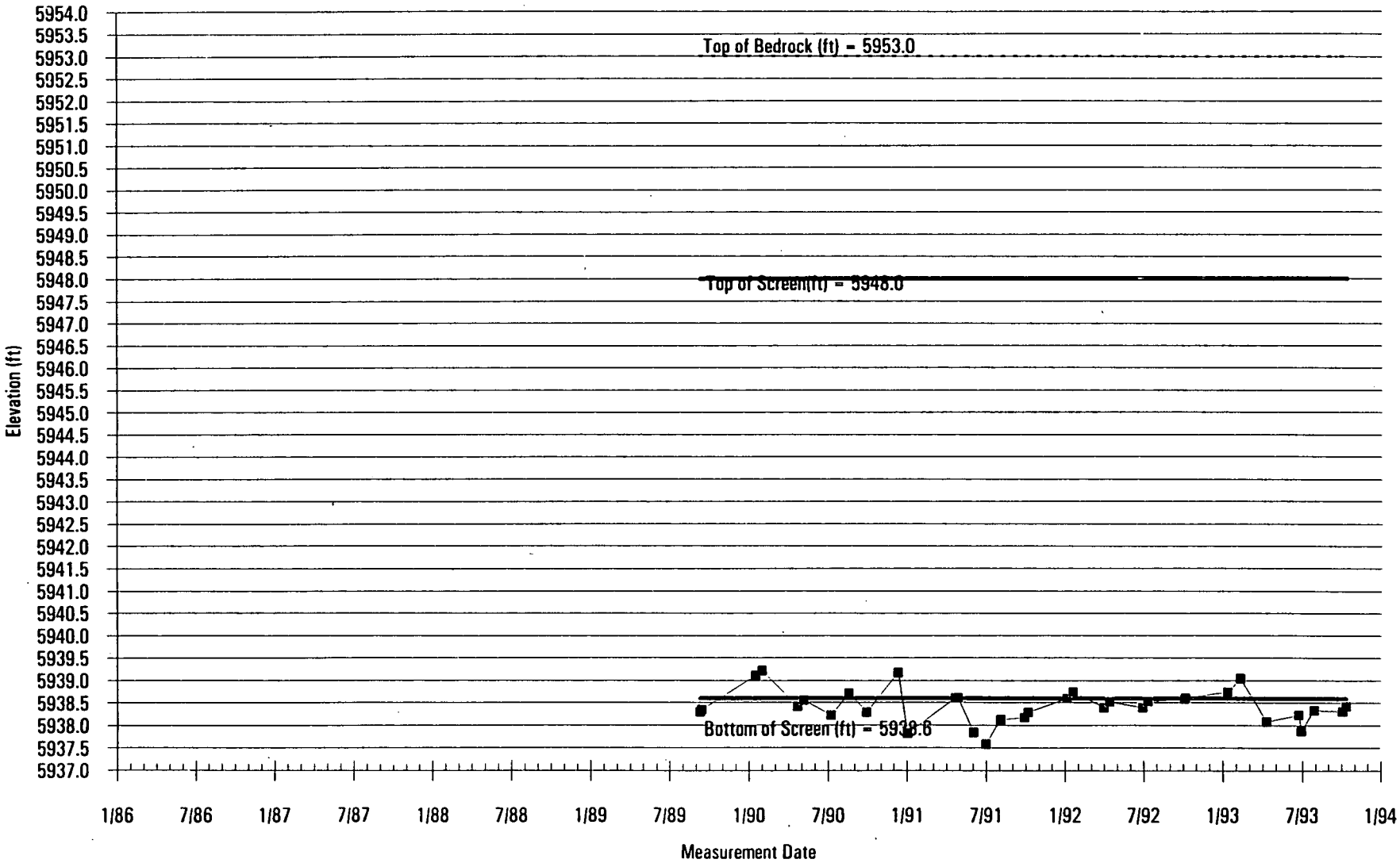
Hydrograph P207589
Gr. Elev. (ft) = 5974.1
(Bedrock)



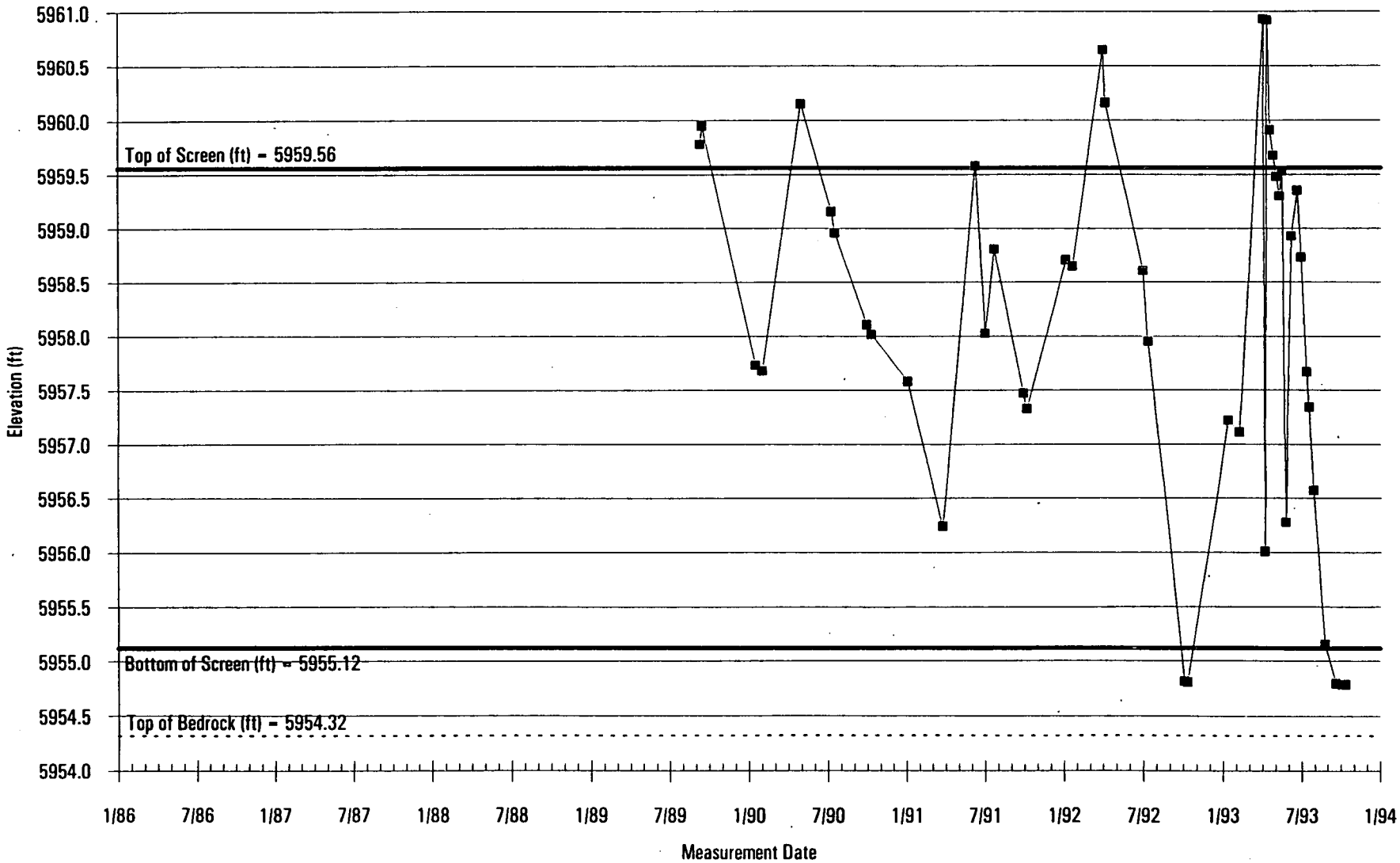
Hydrograph P207689 - OU4
Gr. Elev. (ft) = 5966.3
(Alluvium)



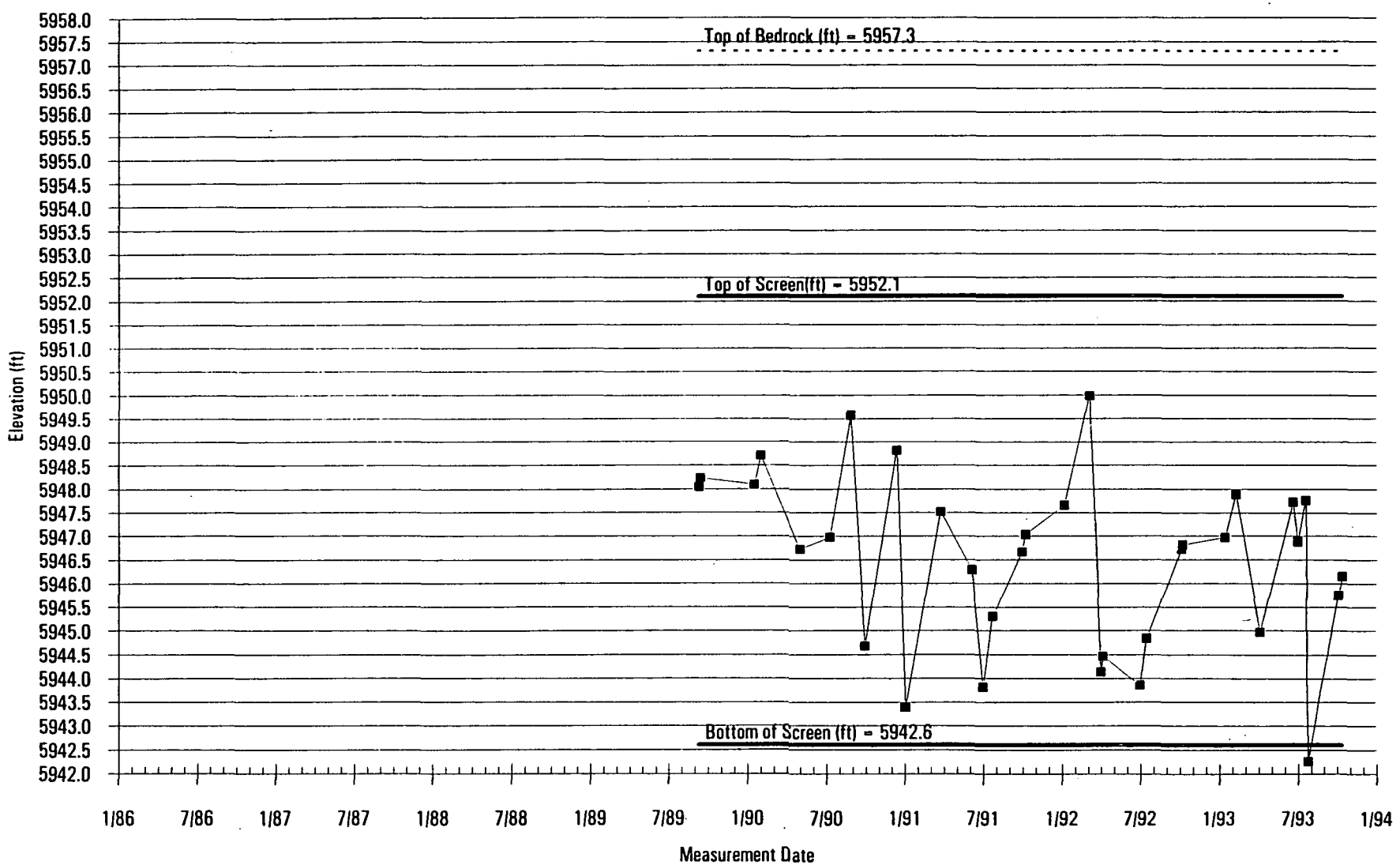
Hydrograph P207789
Gr. Elev. (ft) = 5965.9
(Bedrock)



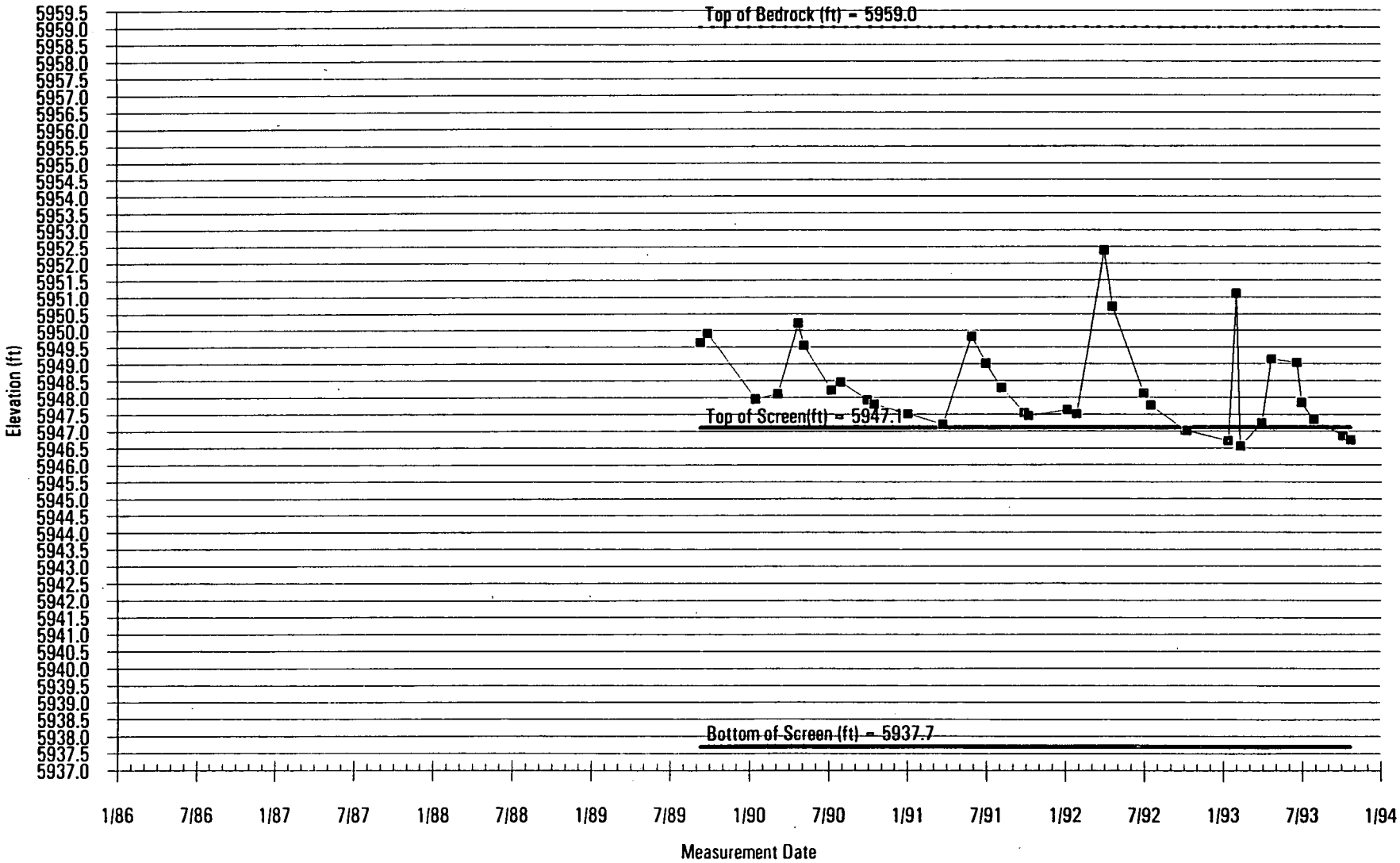
Hydrograph P207889 - OU4
Gr. Elev. (ft) = 5962.8
(Alluvium)



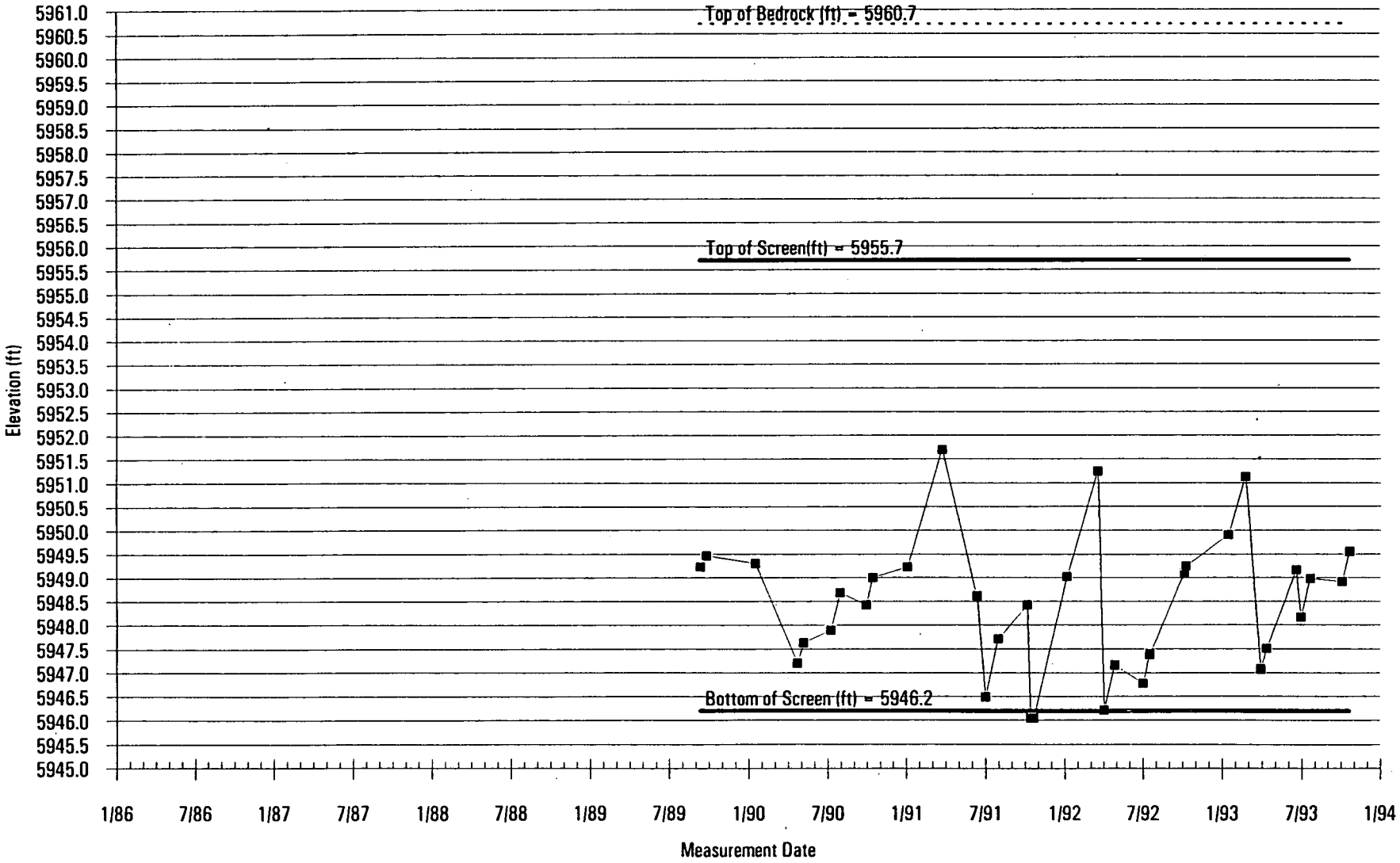
Hydrograph P207989
Gr. Elev. (ft) = 5963.1
(Bedrock)



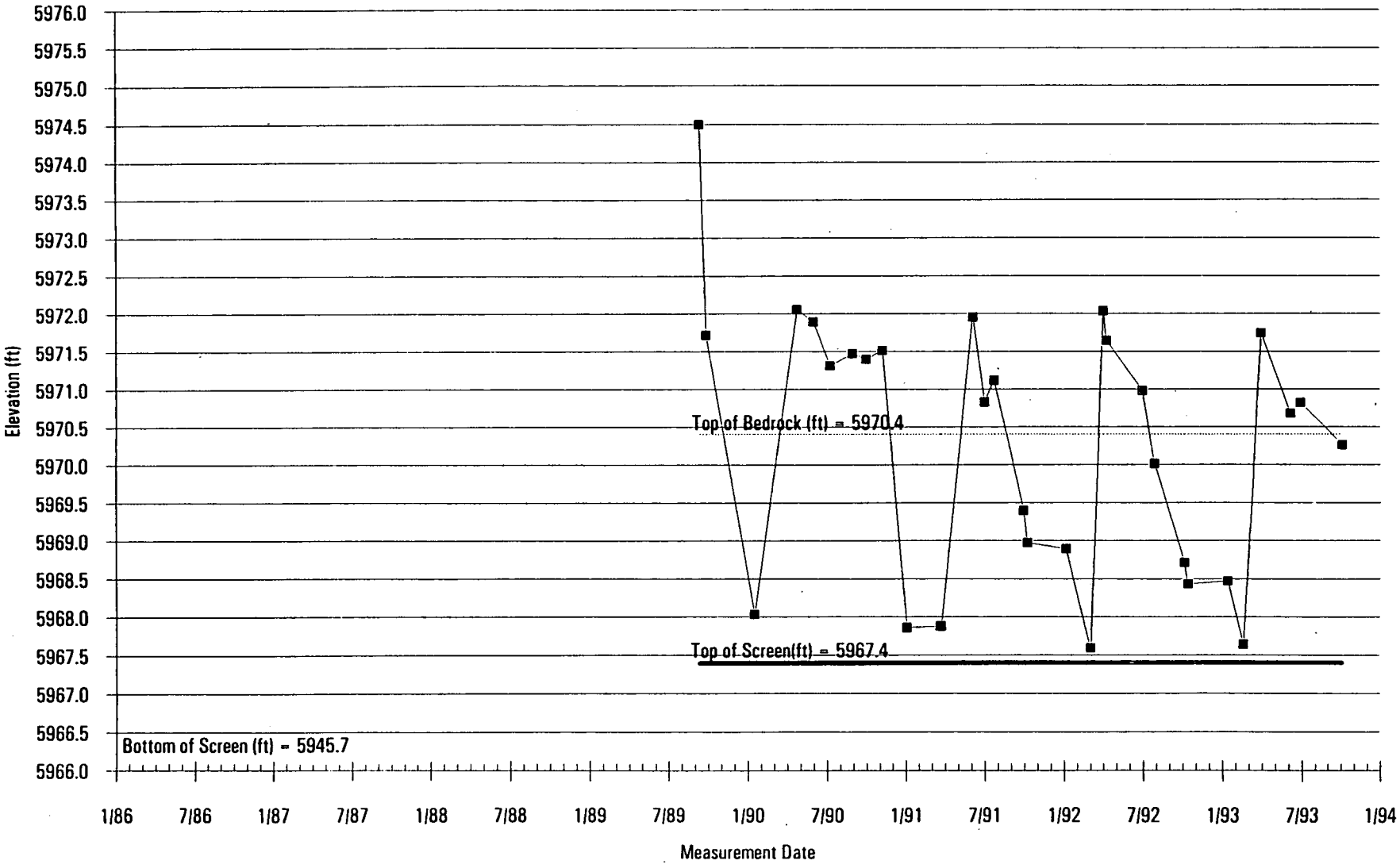
Hydrograph P208989
Gr. Elev. (ft) = 5962.5
(Bedrock)



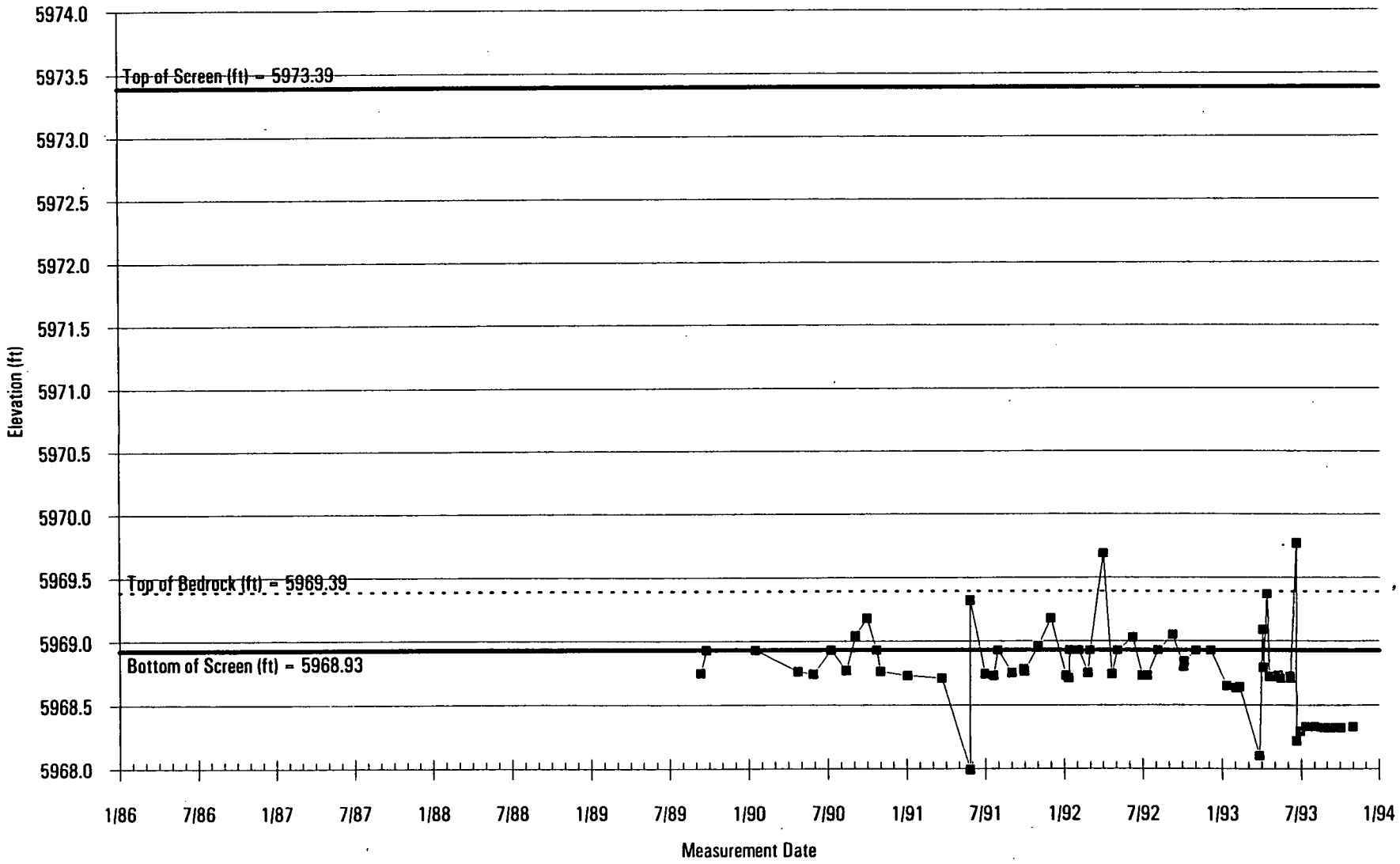
Hydrograph P209089
Gr. Elev. (ft) = 5972.2
(Bedrock)



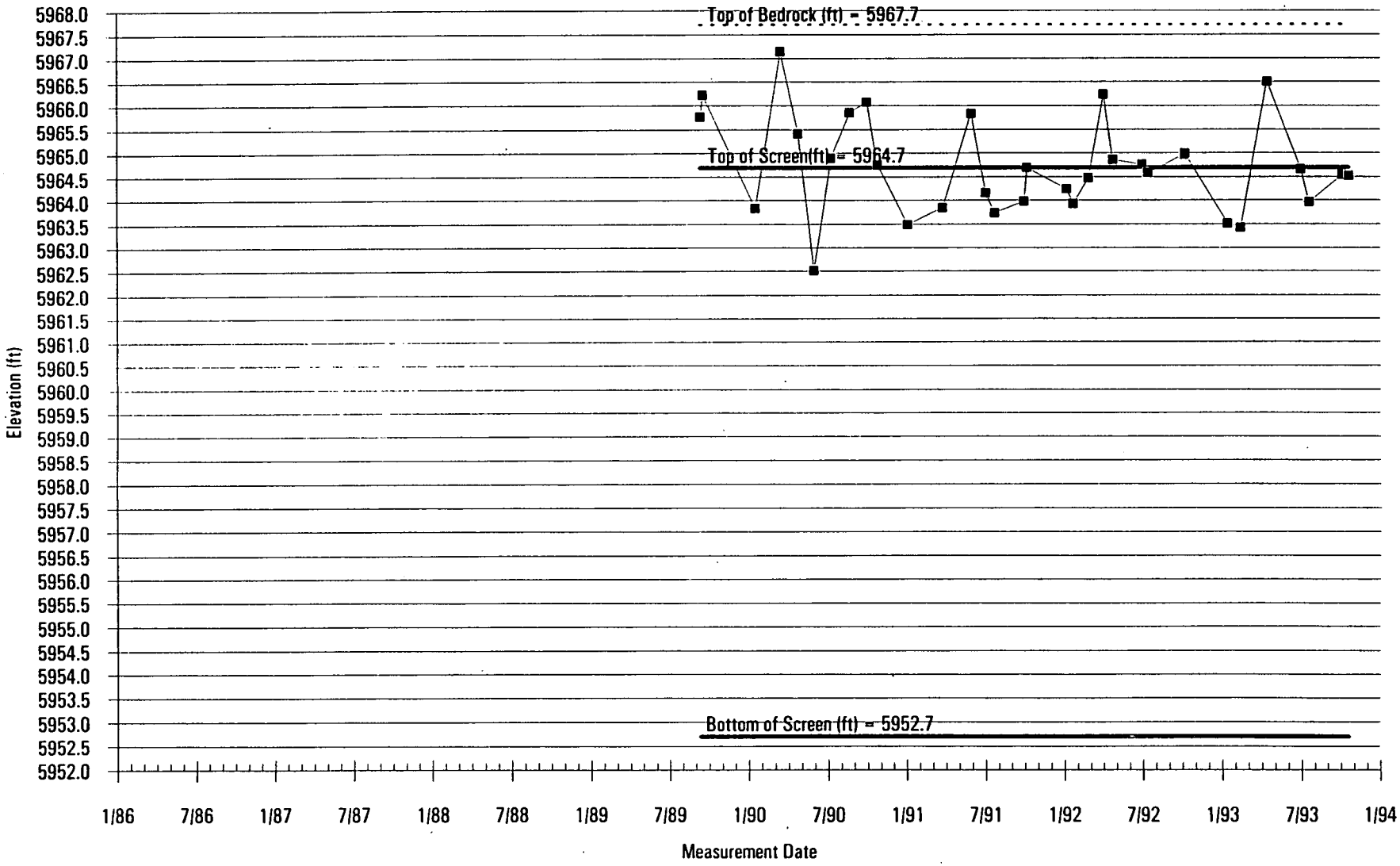
Hydrograph P209189
Gr. Elev. (ft) = 5980.7
(Bedrock)



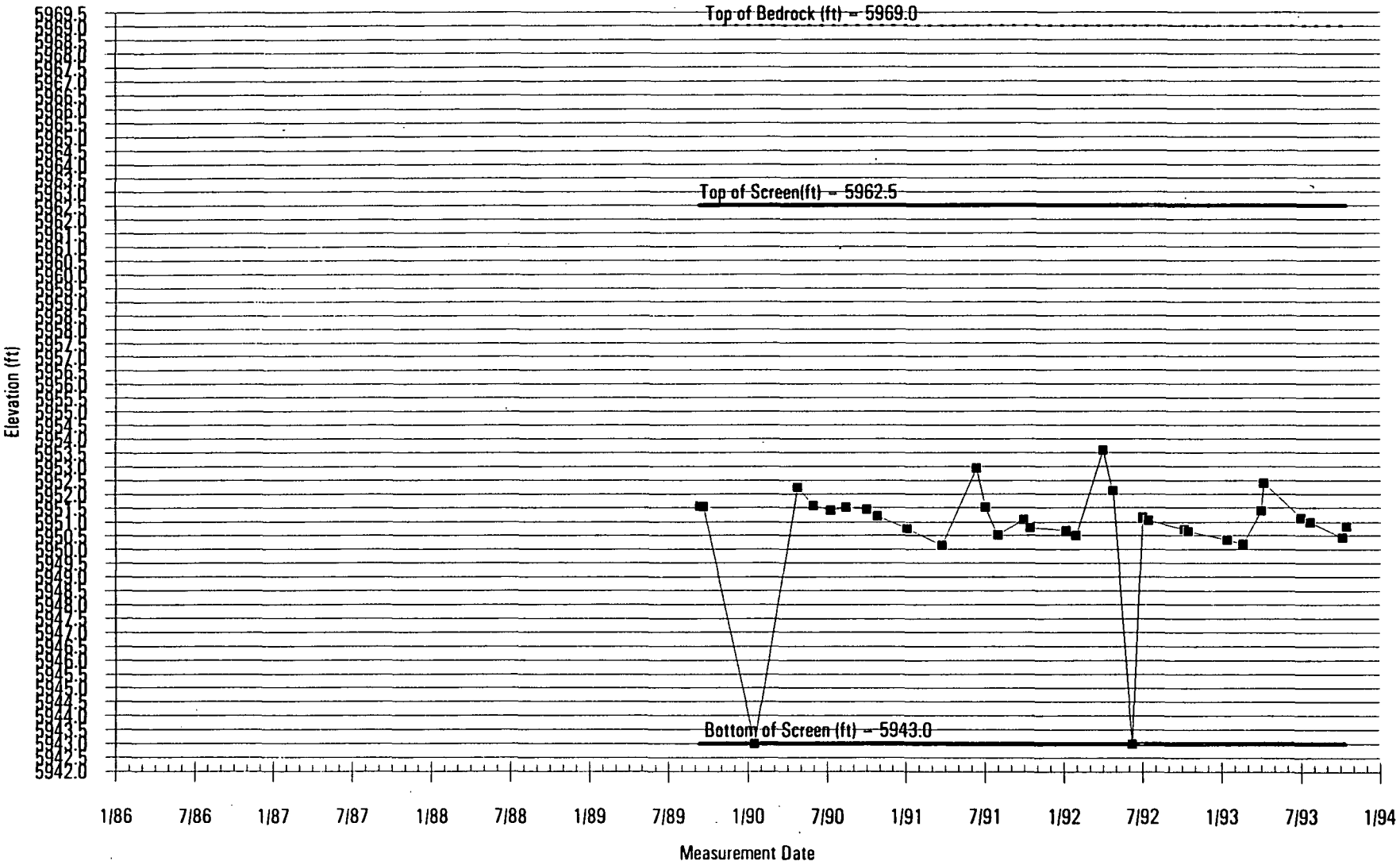
Hydrograph P209289 - OU4
Gr. Elev. (ft) = 5981.6
(Alluvium)



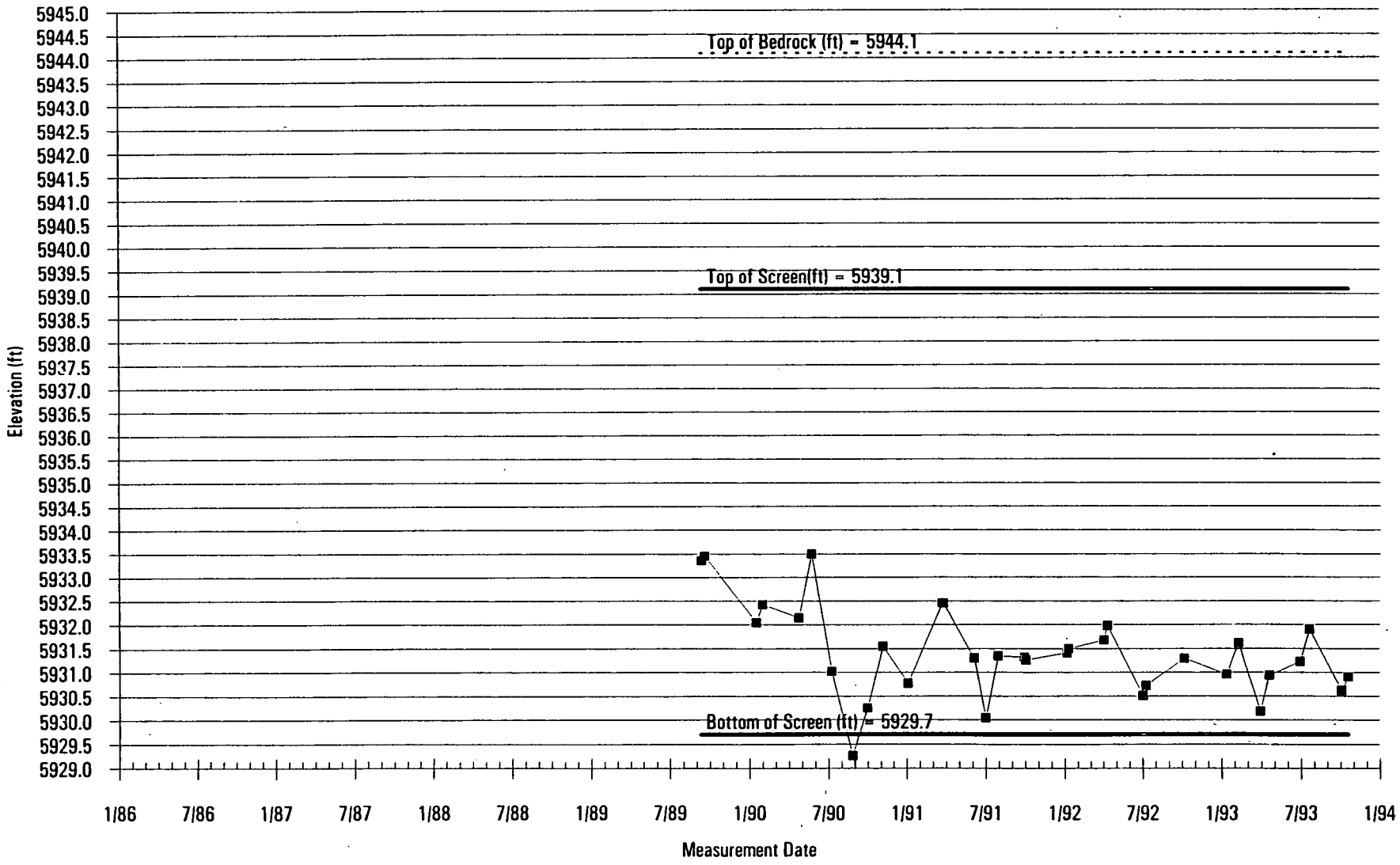
Hydrograph P209389
Gr. Elev. (ft) = 5981.5
(Bedrock)



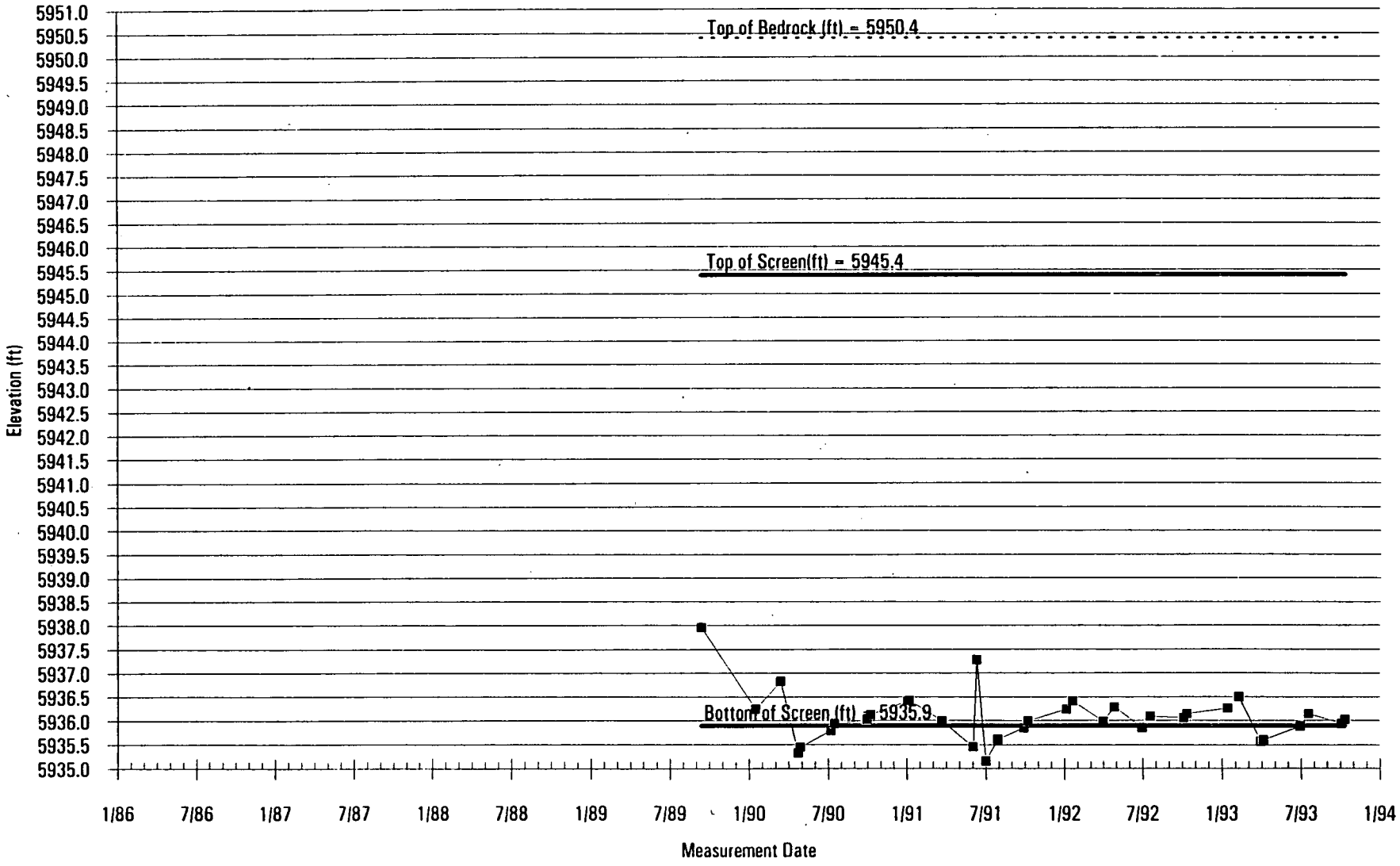
Hydrograph P209489
Gr. Elev. (ft) = 5978.0
(Bedrock)



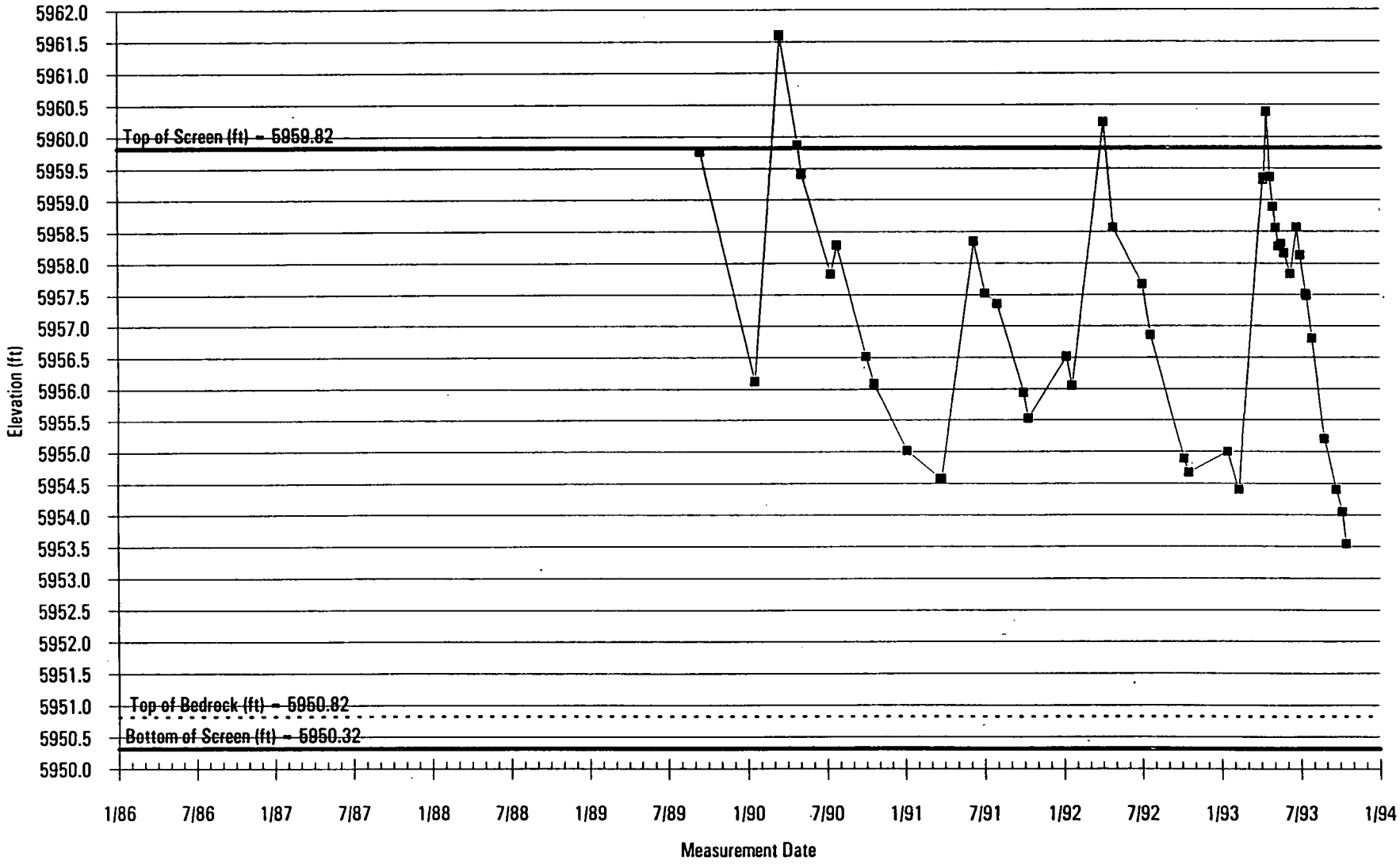
Hydrograph P209589
Gr. Elev. (ft) = 5948.2
(Bedrock)



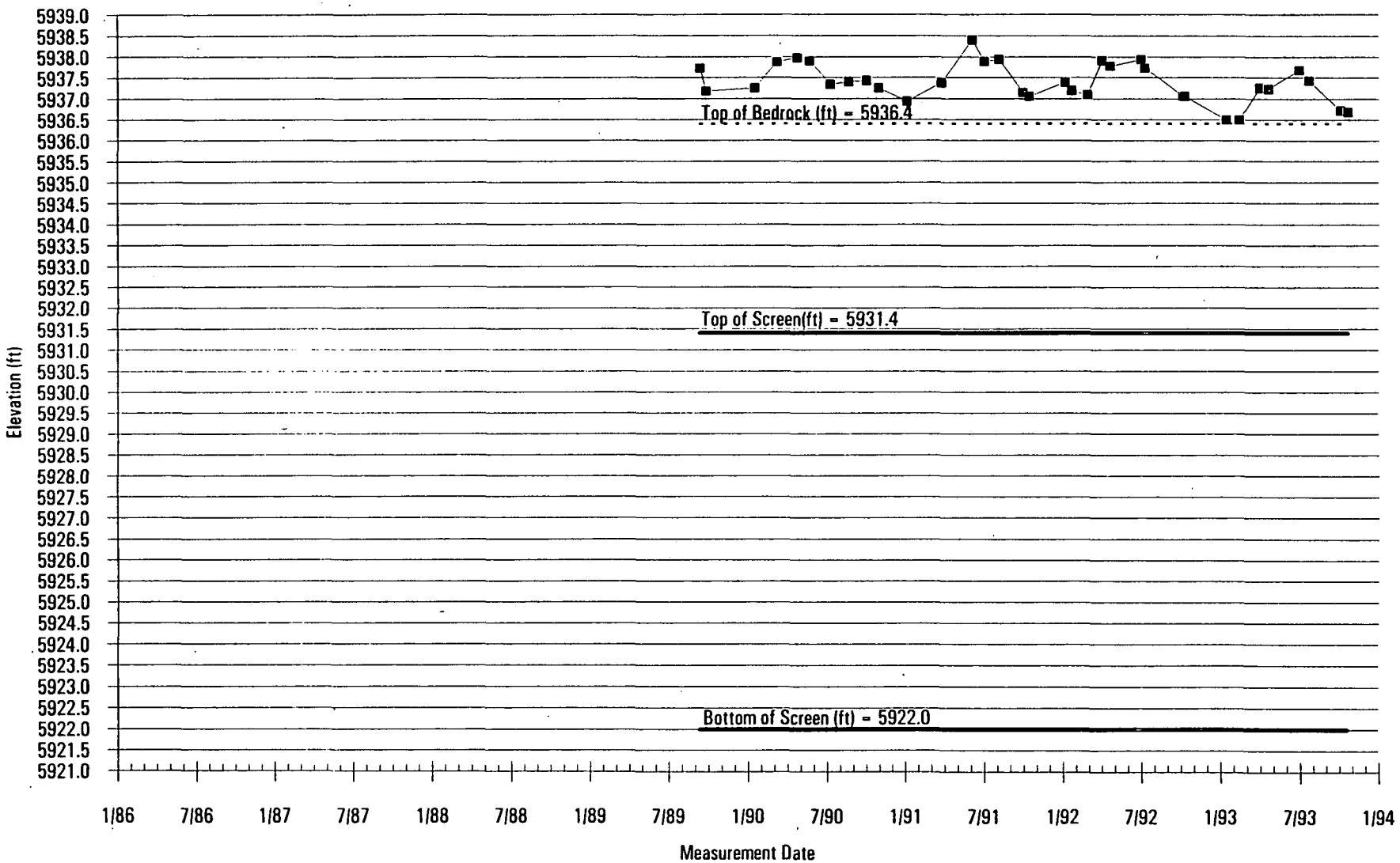
Hydrograph P209689
Gr. Elev. (ft) = 5962.6
(Bedrock)



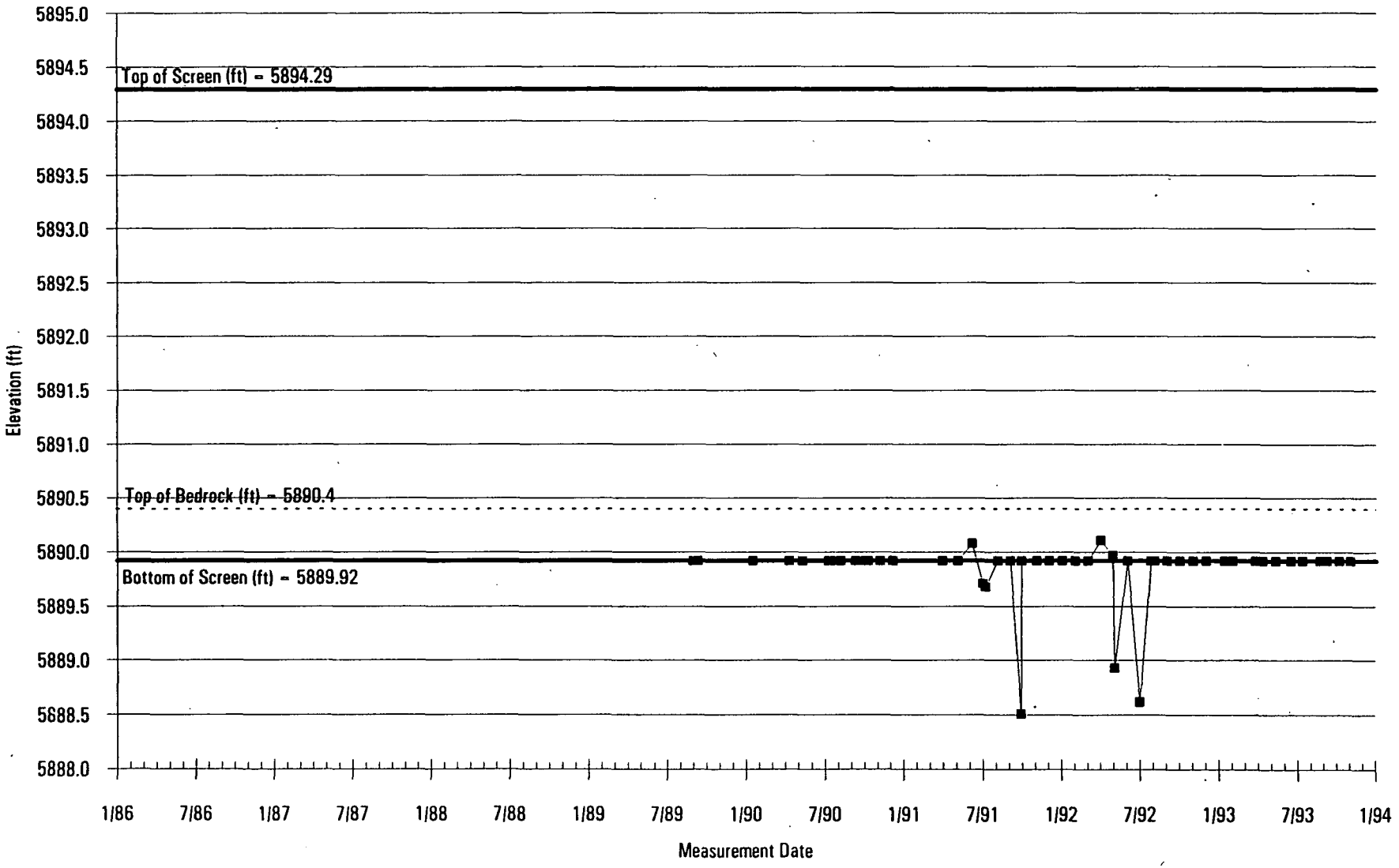
Hydrograph P209789 - OU4
Gr. Elev. (ft) = 5962.8
(Alluvium)



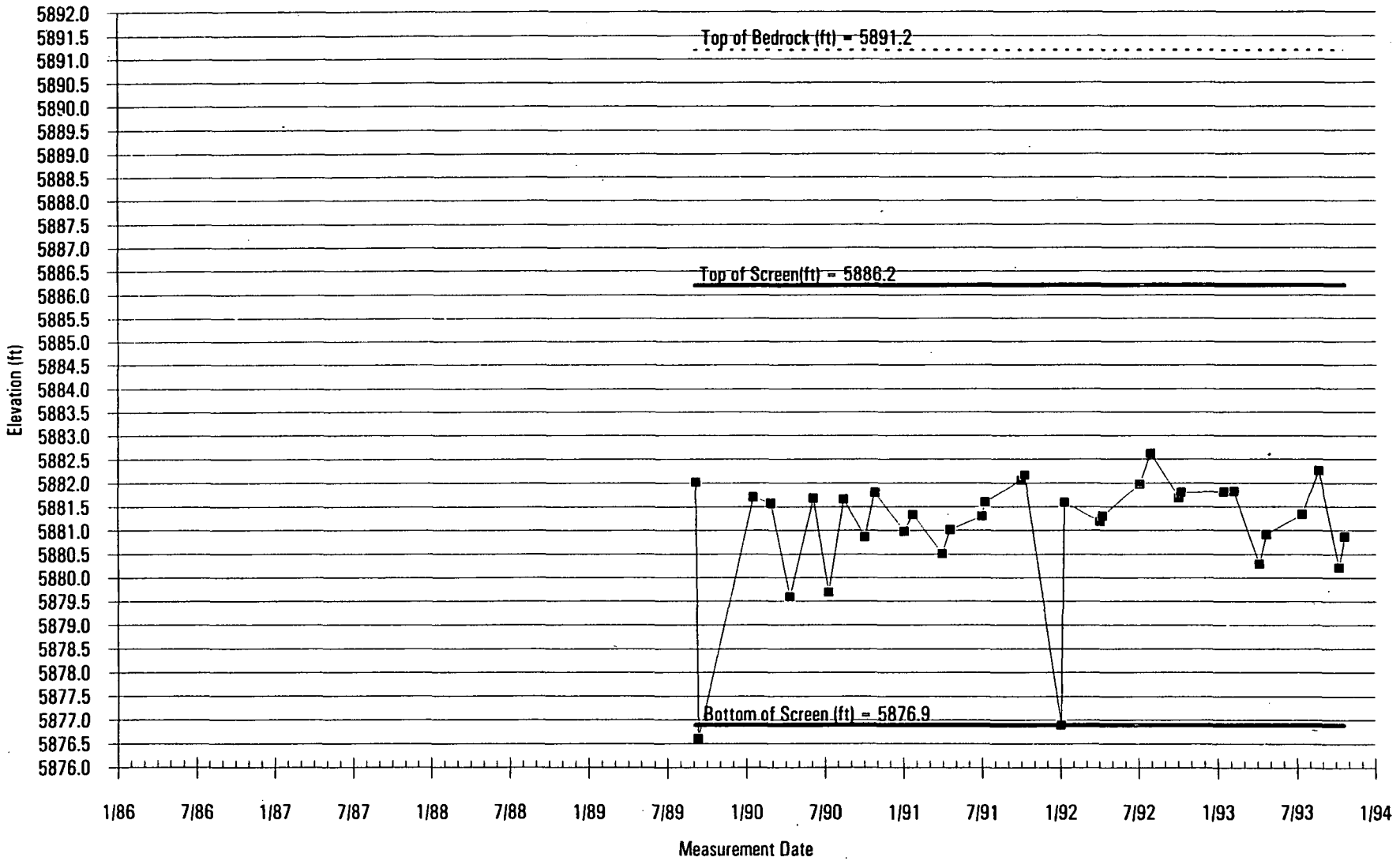
Hydrograph P209889
Gr. Elev. (ft) = 5940.3
(Bedrock)



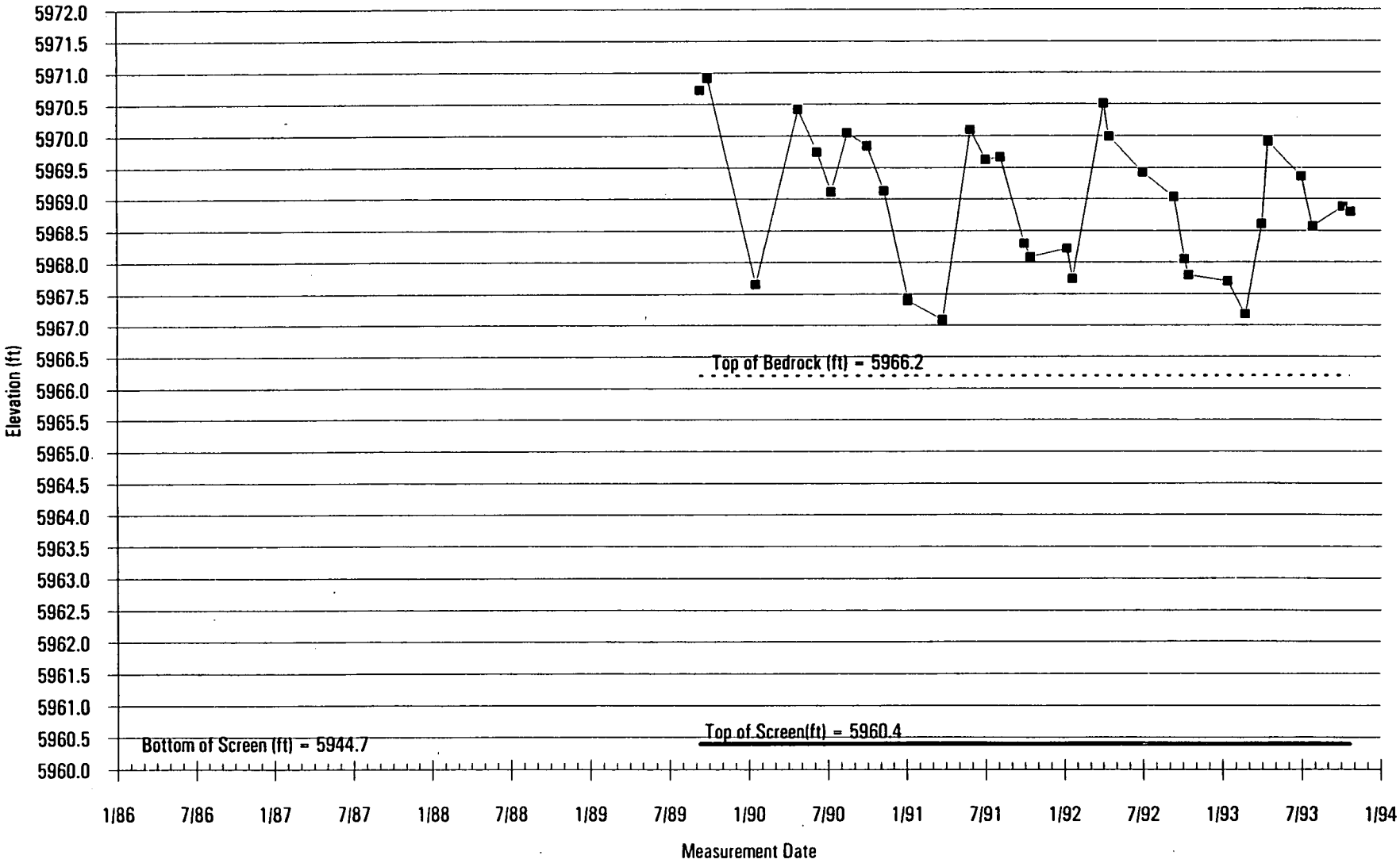
Hydrograph P209989 - OU4
Gr. Elev. (ft) = 5898.1
(Alluvium)



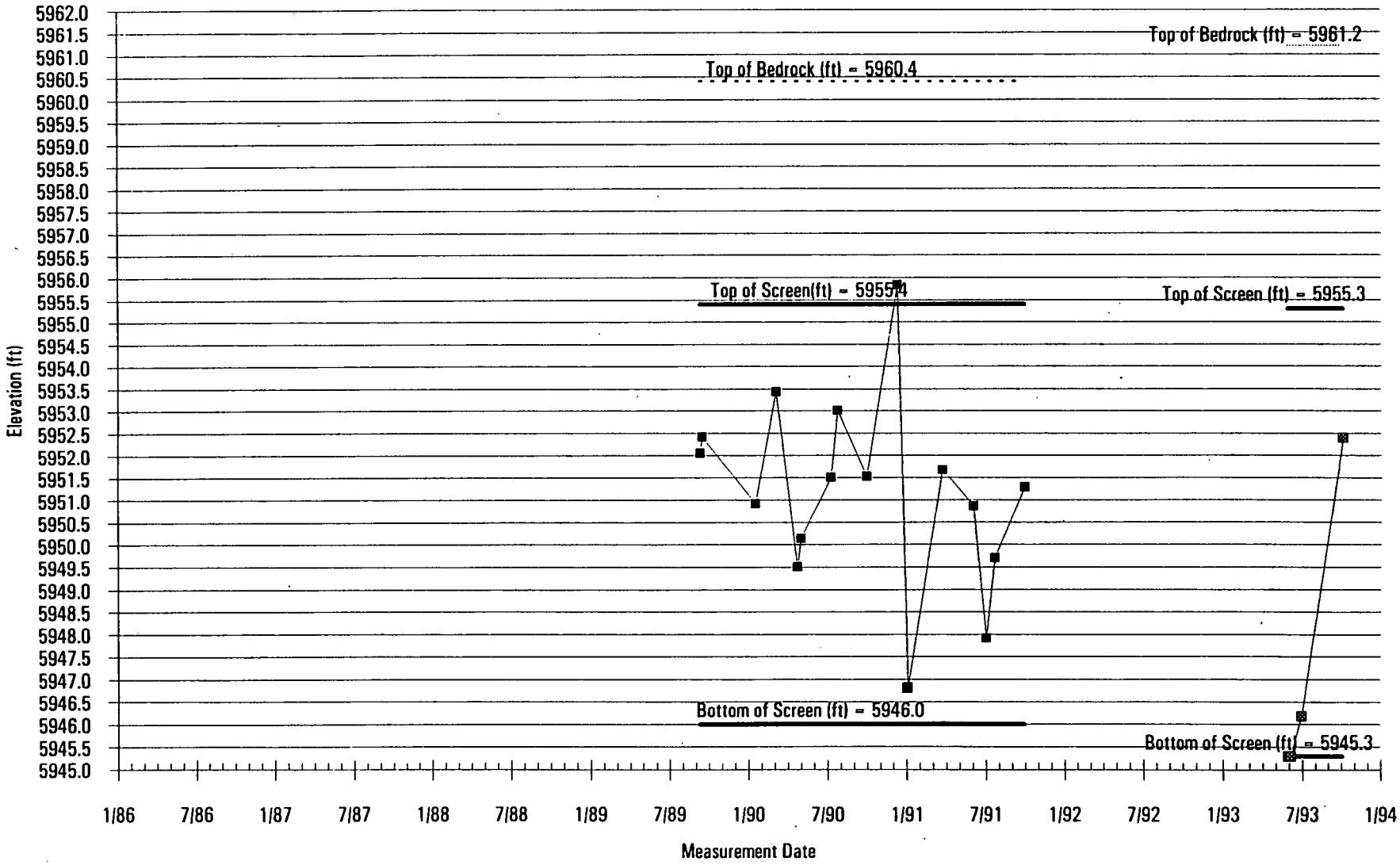
Hydrograph P210089
Gr. Elev. (ft) = 5898.4
(Bedrock)



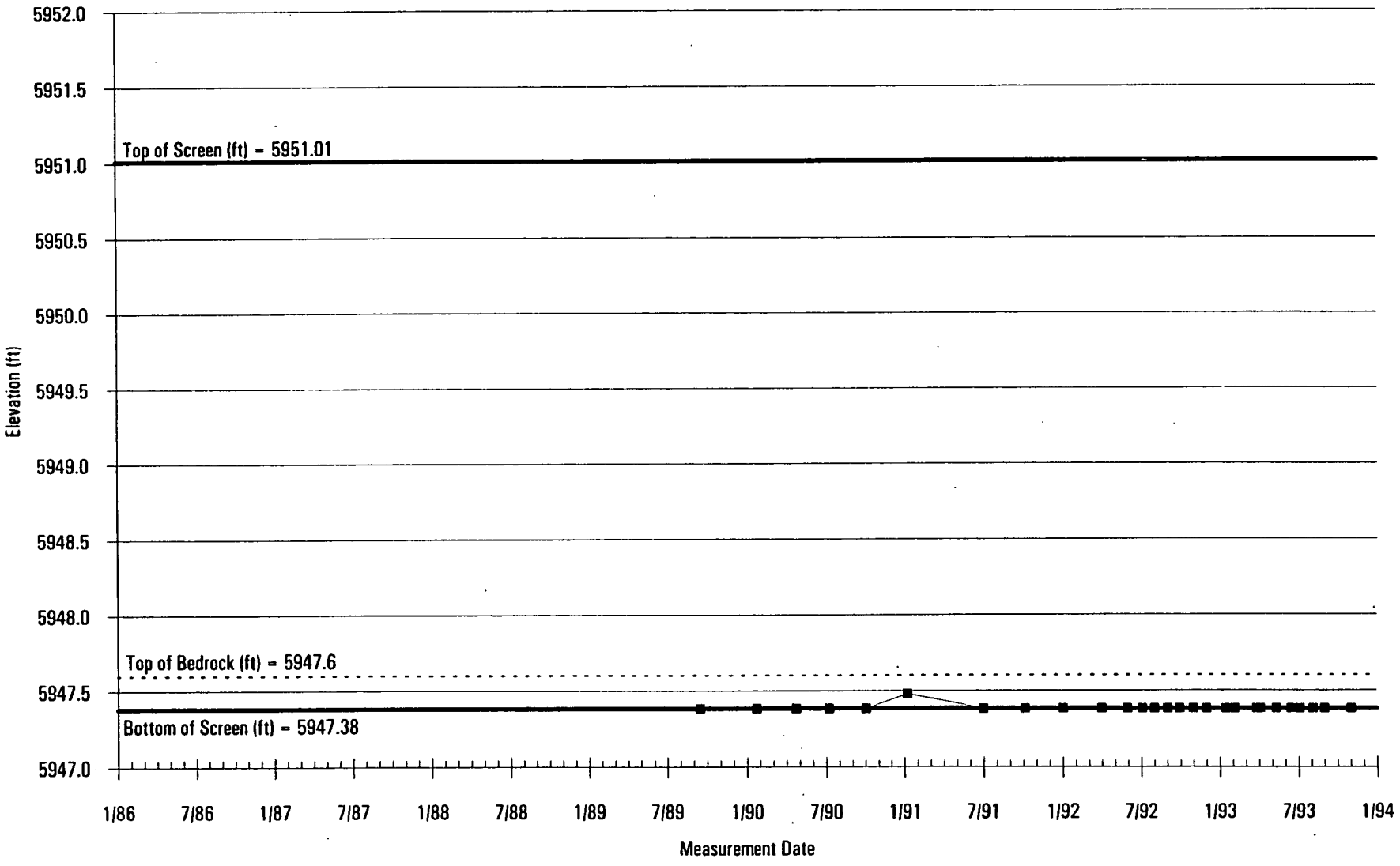
Hydrograph P210189
Gr. Elev. (ft) = 5980.8
(Bedrock)



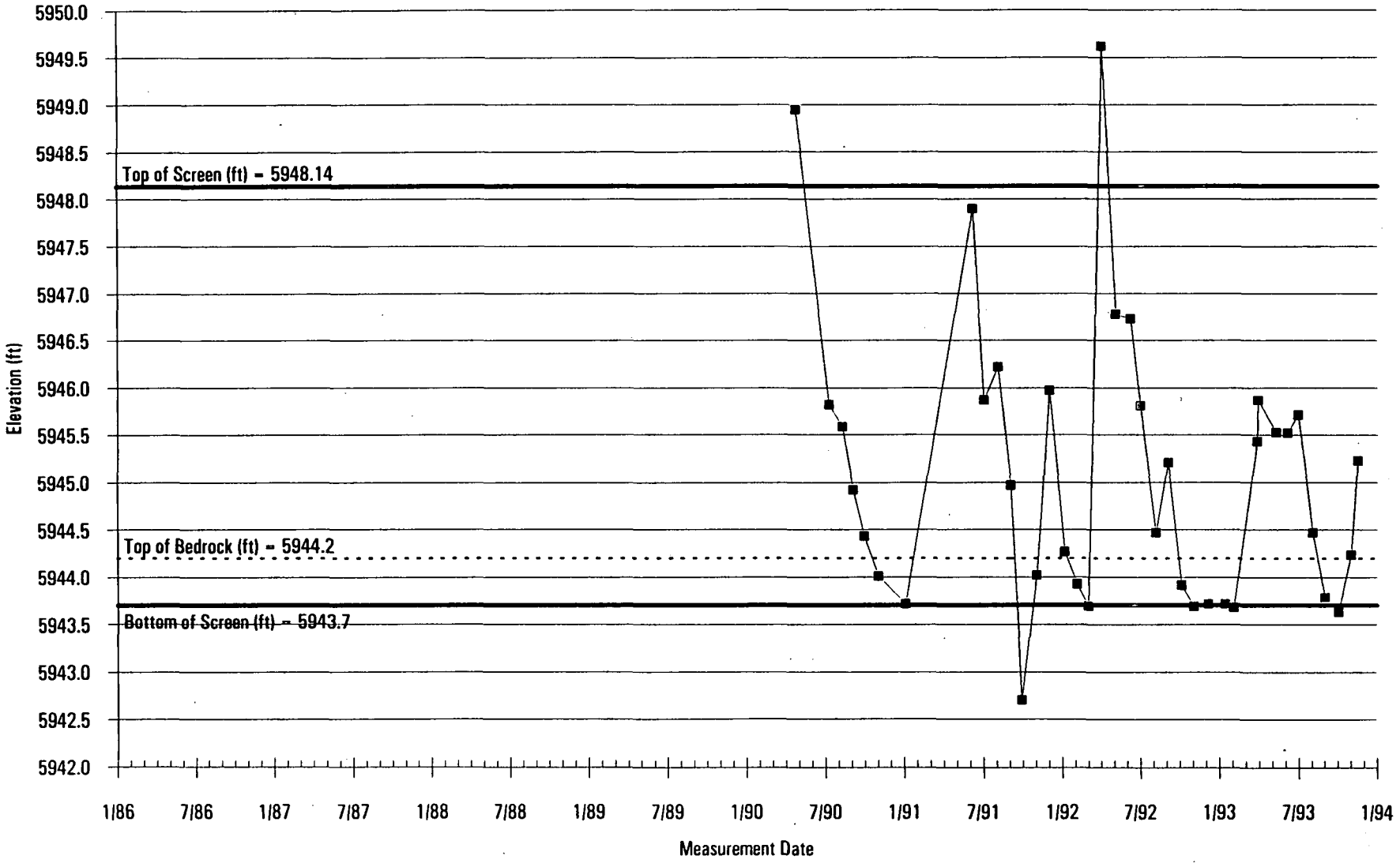
Hydrograph P210289/05393
Gr. Elev. (ft) = 5967.0/5967.4
(Bedrock)



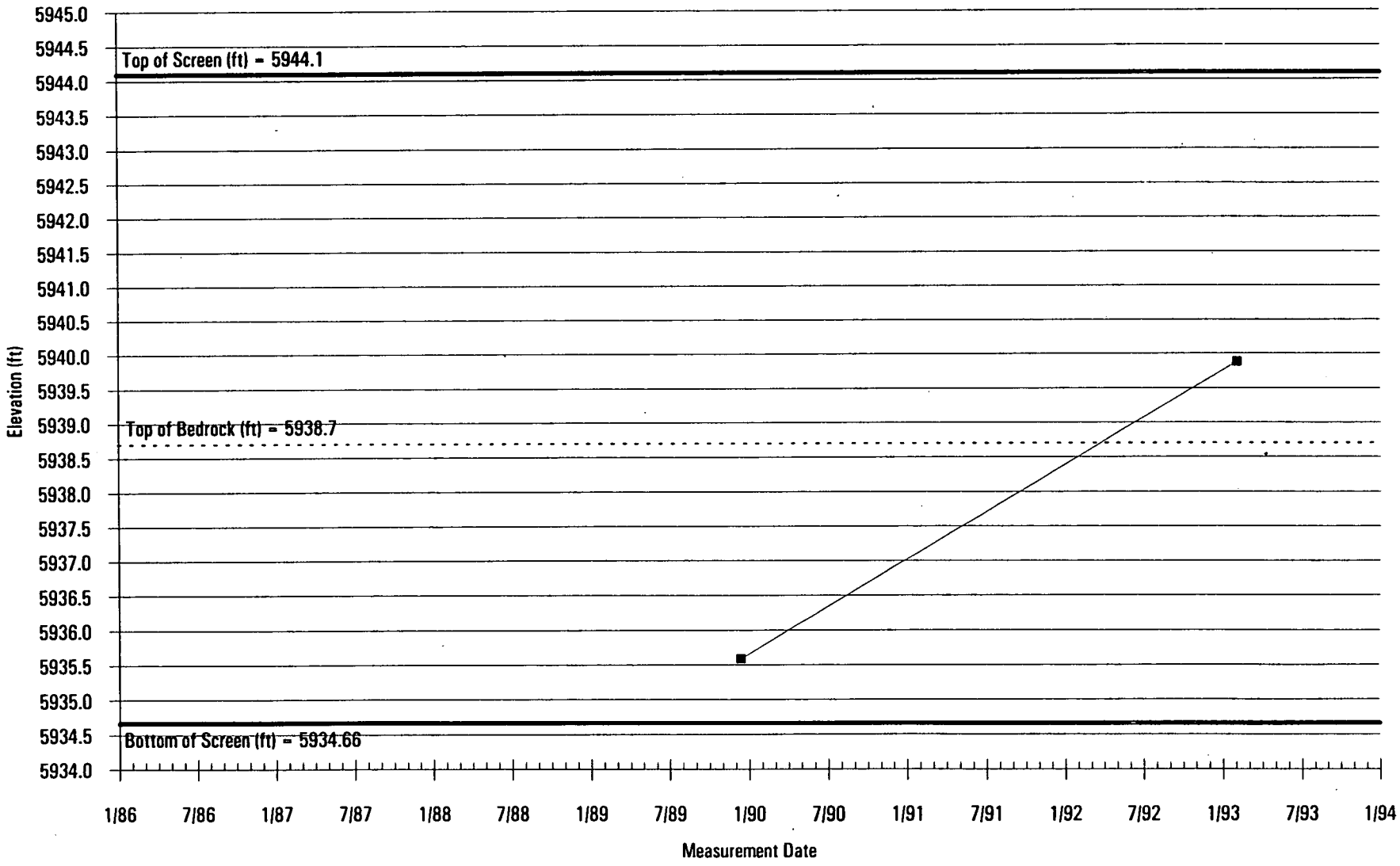
Hydrograph P213989 - OU4
Gr. Elev. (ft) = 5954.3
(Alluvium)



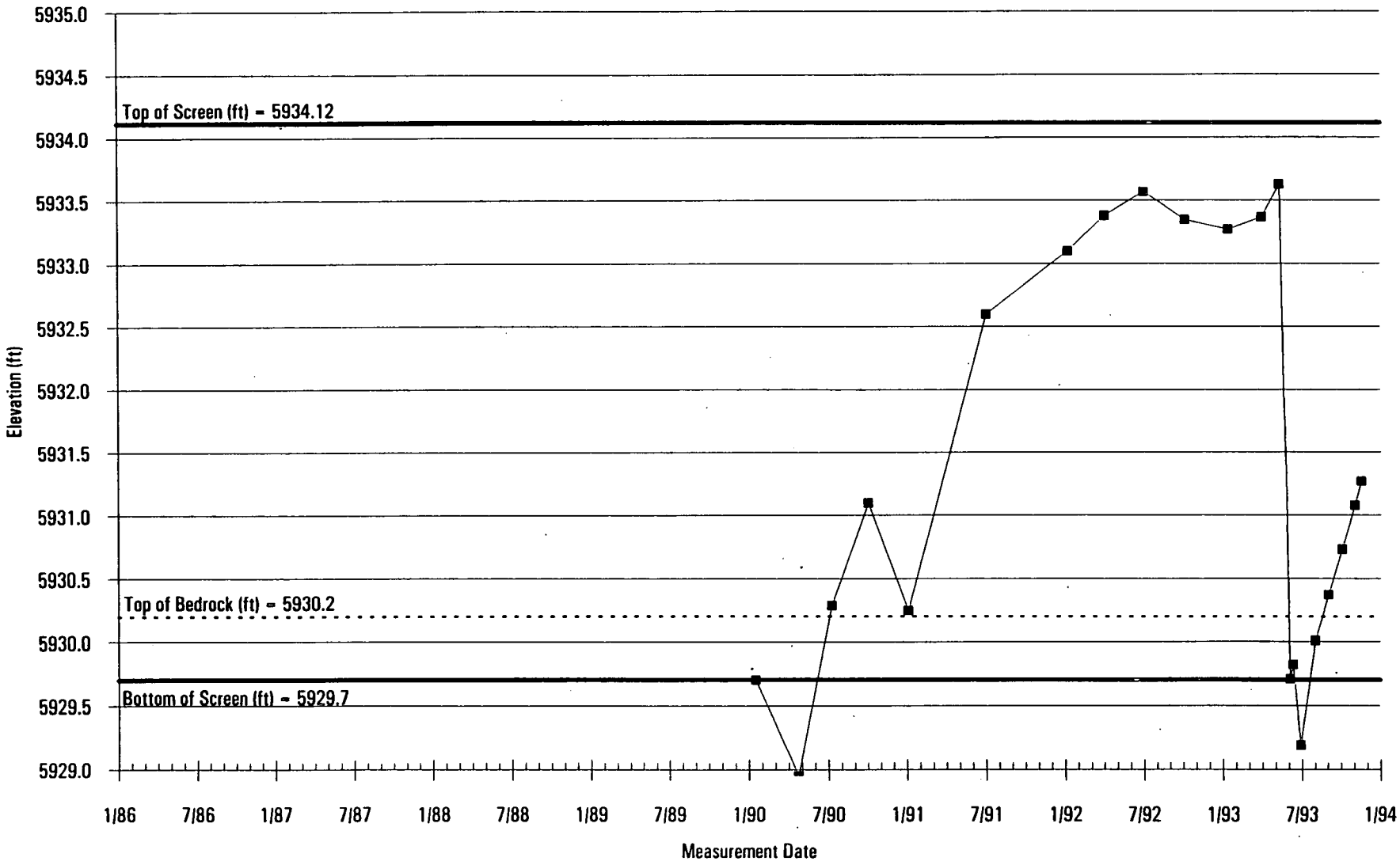
Hydrograph P218389 - OU4
Gr. Elev. (ft) = 5956.2
(Alluvium)



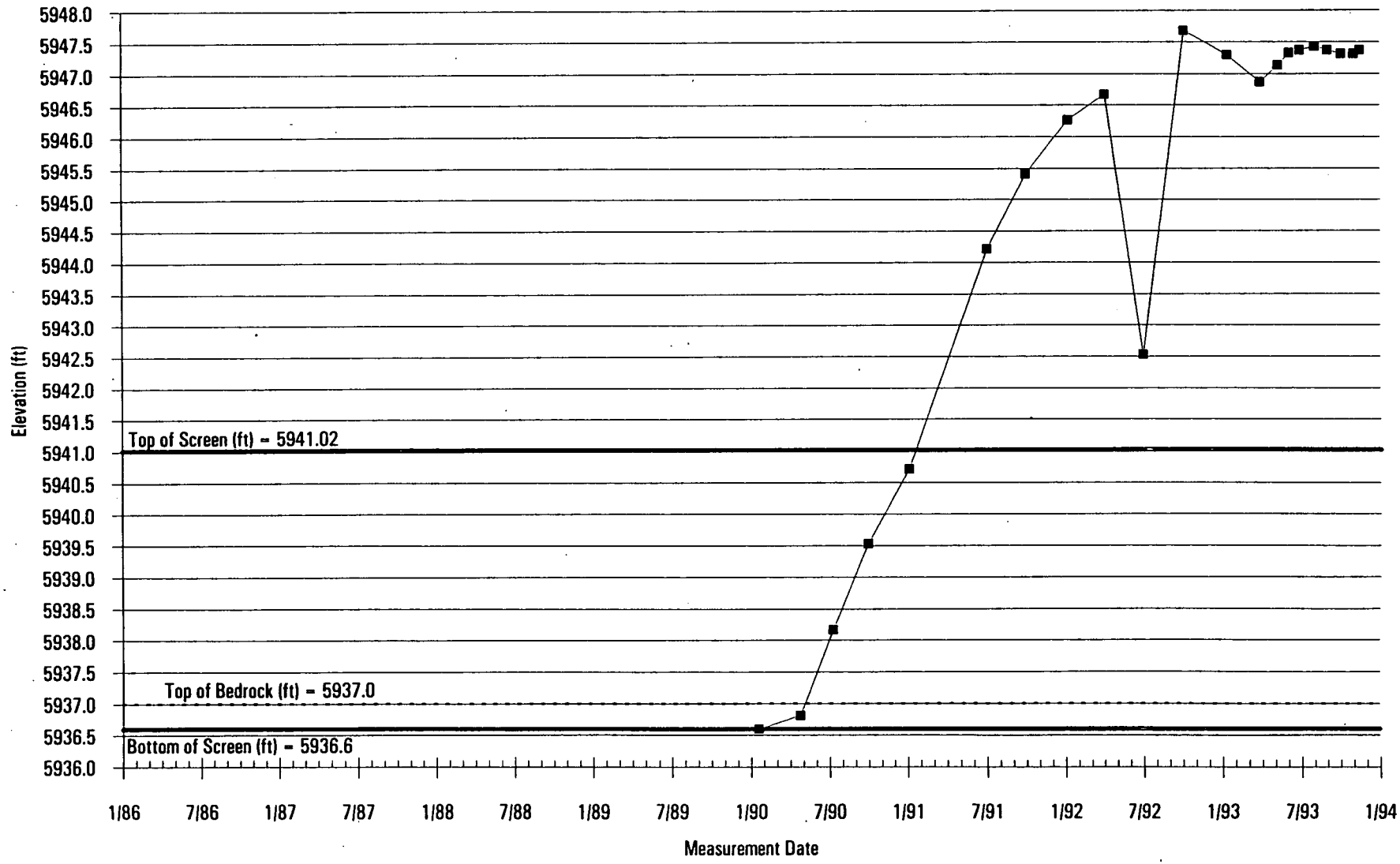
Hydrograph P219089 - OU4
Gr. Elev. (ft) = 5949.1
(Alluvium)



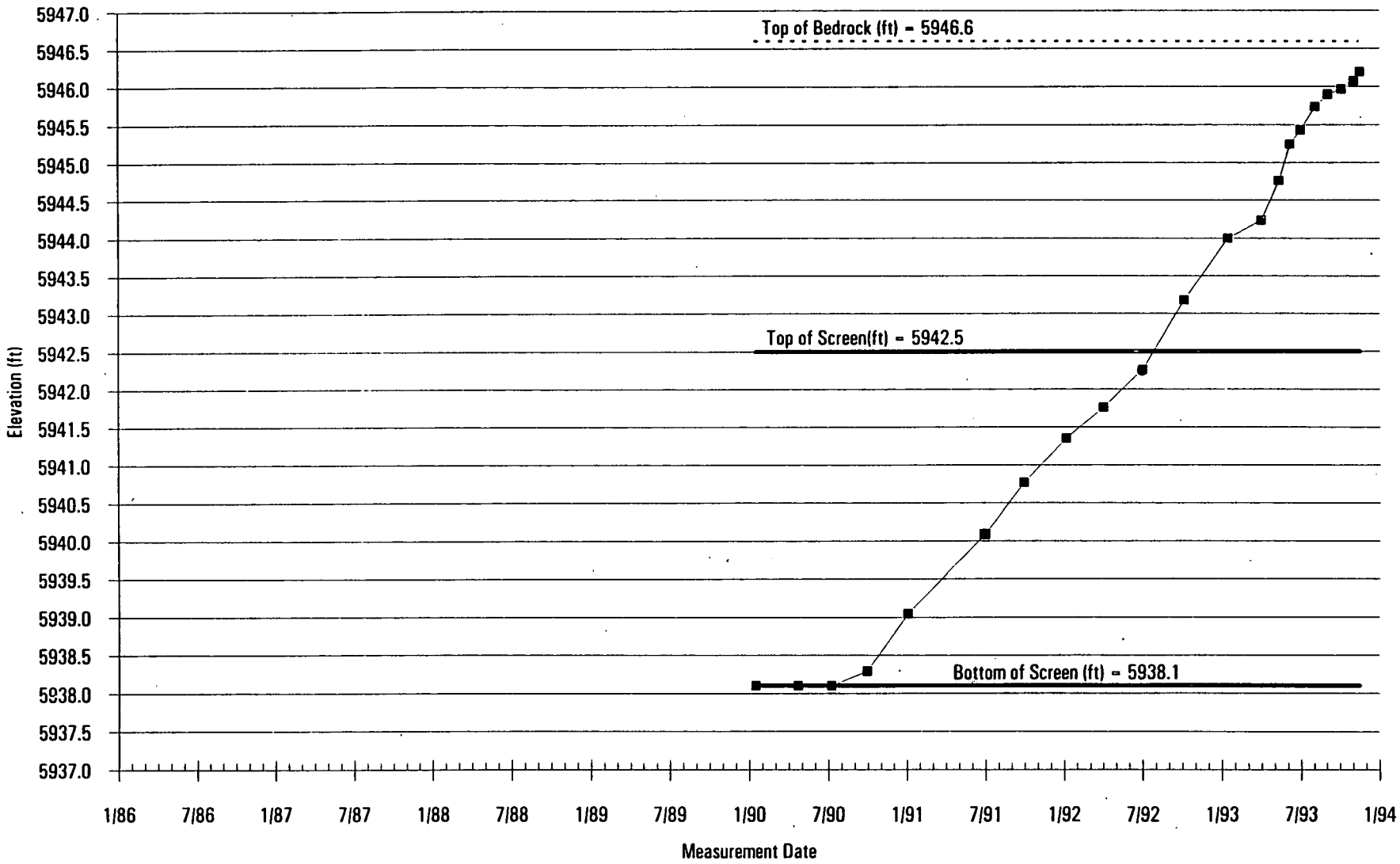
Hydrograph P219189 - OU4
Gr. Elev. (ft) = 5941.2
(Alluvium)



Hydrograph P219489 - OU4
Gr. Elev. (ft) = 5959.5
(Alluvium)



Hydrograph P219589
Gr. Elev. (ft) = 5963.8
(Bedrock)



Monitoring Well 1386

Well Construction Information	
Northing:	751857.0
Easting:	2086051.0
Ground Surface Elevation:	5840.47
Elevation Inner Casing:	5842.59
Elevation Top of Screen:	5837.38
Elevation Bottom of Screen:	5830.97
Elevation Top of Bedrock:	5831.47

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
8/27/86	5830.97	1/17/90	5837.09	4/15/92	5837.57
9/3/86	5830.97	2/22/90	5837.15	5/4/92	5837.05
10/13/86	5830.97	4/11/90	5838.22	6/5/92	5836.89
11/26/86	5831.44	5/25/90	5836.77	7/1/92	5836.48
1/1/87	5832.88	7/10/90	5834.92	7/29/92	5835.97
3/2/87	5833.59	8/2/90	5835.27	7/30/92	5835.97
4/1/87	5832.92	8/7/90	5831.59	8/4/92	5832.10
5/6/87	5832.92	9/11/90	5832.67	9/3/92	5832.97
6/1/87	5833.55	10/3/90	5834.87	10/2/92	5834.48
7/8/87	5832.99	10/15/90	5836.39	10/12/92	5833.92
8/4/87	5833.49	10/16/90	5836.39	10/13/92	5833.92
9/1/87	5832.59	11/7/90	5836.85	11/1/92	5835.86
9/28/87	5833.19	12/6/90	5837.07	12/2/92	5837.06
11/3/87	5833.79	1/2/91	5837.39	1/13/93	5837.15
12/8/87	5832.89	3/14/91	5837.09	2/1/93	5837.35
1/7/88	5834.79	3/15/91	5837.09	2/2/93	5837.32
2/4/88	5834.89	4/1/91	5837.01	3/26/93	5837.29
3/14/88	5835.39	4/23/91	5837.11	4/2/93	5837.72
4/11/88	5834.19	4/24/91	5837.11	4/12/93	5837.39
5/12/88	5834.69	5/6/91	5837.02	4/13/93	5837.39
6/15/88	5833.89	6/6/91	5837.61	5/12/93	5836.98
7/15/88	5834.19	7/2/91	5836.30	6/11/93	5836.49
8/18/88	5834.29	7/15/91	5836.28	7/12/93	5835.82
9/15/88	5833.19	7/16/91	5836.28	8/3/93	5835.56
10/22/88	5833.59	8/7/91	5833.76	8/4/93	5835.56
11/15/88	5835.39	9/5/91	5836.10	8/23/93	5832.43
12/15/88	5835.99	10/1/91	5836.29	9/7/93	5832.80
1/15/89	5836.89	10/21/91	5836.65	10/6/93	5834.24
2/17/89	5837.09	10/22/91	5836.65	10/27/93	5836.87
3/10/89	5837.89	11/4/91	5830.61	11/1/93	5836.88
4/25/89	5837.09	12/4/91	5837.34		
5/12/89	5836.99	1/3/92	5839.19		
6/15/89	5836.39	1/14/92	5837.30		
7/14/89	5835.95	2/3/92	5837.54		
8/11/89	5835.69	3/4/92	5837.45		
9/12/89	5833.67	4/2/92	5838.21		
11/13/89	5833.73	4/14/92	5837.57		

Monitoring Well 1586

Well Construction Information	
Northing:	751852.0
Easting:	2085812.0
Ground Surface Elevation:	5848.43
Elevation Inner Casing:	5850.63
Elevation Top of Screen:	5844.34
Elevation Bottom of Screen:	5833.99
Elevation Top of Bedrock:	5835.93

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/4/86	5843.58	8/11/89	5843.38
9/5/86	5843.46	9/12/89	5843.85
9/6/86	5843.58	11/16/89	5843.55
9/8/86	5843.96	1/17/90	5843.76
10/13/86	5844.03	2/23/90	5843.82
11/26/86	5843.74	4/11/90	5845.19
1/1/87	5843.96	5/4/90	5844.37
2/1/87	5844.23	7/10/90	5843.82
4/1/87	5845.67	7/19/90	5843.60
5/6/87	5845.19	10/2/90	5843.50
6/1/87	5843.92	10/10/90	5843.59
7/8/87	5843.93	1/2/91	5843.65
8/4/87	5843.53	3/4/91	5843.90
8/5/87	5843.63	4/1/91	5844.29
9/1/87	5843.83	4/18/91	5844.16
9/28/87	5843.53	7/2/91	5843.69
11/3/87	5843.83	7/11/91	5843.88
12/8/87	5843.93	10/1/91	5843.61
1/7/88	5843.93	10/21/91	5843.66
2/4/88	5843.93	1/3/92	5843.73
3/14/88	5844.03	1/15/92	5843.81
4/11/88	5843.93	4/2/92	5845.01
5/12/88	5843.83	4/13/92	5844.31
6/15/88	5843.63	7/1/92	5843.61
7/15/88	5843.63	7/16/92	5843.47
8/18/88	5843.23	10/2/92	5843.47
9/15/88	5843.33	10/7/92	5843.55
10/22/88	5843.53	1/13/93	5843.60
11/15/88	5843.63	2/5/93	5843.73
12/15/88	5843.63	4/2/93	5844.41
1/15/89	5843.73	4/12/93	5844.09
2/17/89	5843.83	4/13/93	5844.09
3/10/89	5844.23	7/12/93	5843.21
4/25/89	5844.23	8/2/93	5842.99
5/12/89	5844.33	10/6/93	5843.20
6/30/89	5843.63	10/20/93	5843.67
7/21/89	5843.42		

Monitoring Well 1786

Well Construction Information	
Northing:	751740.0
Easting:	2085242.0
Ground Surface Elevation:	5868.43
Elevation Inner Casing:	5869.57
Elevation Top of Screen:	5864.70
Elevation Bottom of Screen:	5854.45
Elevation Top of Bedrock:	5855.93

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/2/86	5863.08	4/25/89	5863.07	4/7/92	5863.55
9/5/86	5863.03	5/12/89	5864.47	5/4/92	5863.13
9/6/86	5863.07	6/30/89	5863.07	6/1/92	5863.49
9/8/86	5863.35	7/21/89	5863.00	7/1/92	5863.03
9/9/86	5863.26	8/11/89	5862.90	7/27/92	5862.90
9/17/86	5863.11	9/13/89	5863.51	8/4/92	5862.82
9/19/86	5863.07	12/4/89	5863.83	9/3/92	5863.24
9/22/86	5863.24	1/17/90	5862.96	10/2/92	5862.96
9/25/86	5863.14	2/13/90	5863.34	10/7/92	5861.03
10/13/86	5863.47	4/11/90	5864.21	11/1/92	5863.13
11/26/86	5863.22	5/7/90	5863.26	12/2/92	5863.23
1/1/87	5863.15	7/10/90	5863.12	1/13/93	5862.89
2/1/87	5863.22	7/20/90	5863.16	2/1/93	5863.11
4/1/87	5865.03	8/7/90	5863.09	3/26/93	5863.01
5/6/87	5864.47	9/11/90	5863.06	4/2/93	5863.65
6/1/87	5863.73	10/2/90	5863.26	4/16/93	5864.07
7/8/87	5863.87	10/12/90	5863.27	5/12/93	5862.92
8/5/87	5863.47	11/6/90	5863.37	6/16/93	5862.69
9/1/87	5863.57	1/2/91	5862.95	7/12/93	5862.68
9/28/87	5863.27	3/4/91	5863.40	8/2/93	5862.51
11/3/87	5863.47	4/1/91	5862.74	8/23/93	5862.44
12/8/87	5863.17	4/18/91	5862.96	9/7/93	5862.53
1/7/88	5863.17	5/6/91	5863.49	10/6/93	5862.58
2/4/88	5863.27	6/6/91	5863.39	10/28/93	5863.33
3/14/88	5863.37	7/2/91	5862.82	10/29/93	5863.33
4/11/88	5864.37	7/9/91	5862.83	11/1/93	5863.08
5/12/88	5863.27	8/7/91	5863.24		
6/15/88	5863.27	9/5/91	5862.89		
7/15/88	5863.17	10/1/91	5862.98		
8/18/88	5863.17	10/10/91	5862.89		
9/15/88	5863.37	11/4/91	5863.20		
10/22/88	5863.27	12/4/91	5863.10		
11/15/88	5863.27	1/3/92	5862.95		
12/15/88	5863.27	1/9/92	5862.87		
1/15/89	5863.17	2/3/92	5862.92		
2/17/89	5863.07	3/4/92	5864.15		
3/10/89	5863.37	4/2/92	5864.20		

Monitoring Well 1886

Well Construction Information	
Northing:	751522.0
Easting:	2085831.0
Ground Surface Elevation:	5885.75
Elevation Inner Casing:	5887.97
Elevation Top of Screen:	5882.01
Elevation Bottom of Screen:	5878.25
Elevation Top of Bedrock:	5877.75

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/3/86	5878.25	5/24/90	5878.98	3/26/93	5879.01
10/13/86	5878.25	7/11/90	5878.25	4/5/93	5878.81
11/26/86	5878.25	8/7/90	5878.25	5/12/93	5878.12
1/1/87	5878.25	9/10/90	5878.25	6/11/93	5878.00
2/1/87	5878.25	9/11/90	5878.25	6/23/93	5879.06
4/1/87	5878.25	10/2/90	5878.25	7/12/93	5878.25
5/6/87	5878.25	10/31/90	5878.25	8/23/93	5878.25
6/1/87	5878.25	11/7/90	5878.25	9/7/93	5878.25
7/8/87	5878.25	12/6/90	5878.25	10/6/93	5878.25
8/6/87	5878.25	1/2/91	5878.25	11/1/93	5878.25
9/1/87	5878.25	4/2/91	5878.25		
9/28/87	5878.25	5/6/91	5878.25		
11/3/87	5878.25	6/10/91	5878.25		
12/8/87	5878.25	7/2/91	5878.25		
1/7/88	5878.25	8/7/91	5878.25		
2/4/88	5878.25	9/5/91	5878.25		
3/14/88	5878.25	10/1/91	5877.79		
4/11/88	5878.25	10/1/91	5878.25		
6/15/88	5878.67	11/4/91	5877.98		
7/15/88	5878.25	12/4/91	5878.25		
8/18/88	5878.17	1/6/92	5878.25		
9/15/88	5878.25	2/3/92	5878.25		
10/22/88	5878.25	3/4/92	5877.97		
11/15/88	5878.17	4/2/92	5879.14		
12/15/88	5878.25	4/9/92	5878.97		
1/15/89	5878.25	4/10/92	5878.97		
2/17/89	5878.25	5/1/92	5878.25		
3/14/89	5879.77	6/1/92	5878.25		
4/26/89	5879.87	7/1/92	5878.01		
5/12/89	5879.57	7/22/92	5878.25		
6/30/89	5878.25	8/4/92	5878.00		
7/21/89	5878.25	9/3/92	5878.00		
8/11/89	5878.25	10/2/92	5878.25		
9/12/89	5878.25	11/1/92	5878.25		
12/14/89	5878.25	12/2/92	5878.25		
1/17/90	5878.25	1/13/93	5877.97		
4/11/90	5880.41	2/1/93	5880.48		

Monitoring Well 2086

Well Construction Information	
Northing:	751112.0
Easting:	2084358.0
Ground Surface Elevation:	5960.50
Elevation Inner Casing:	5962.12
Elevation Top of Screen:	5956.26
Elevation Bottom of Screen:	5949.92
Elevation Top of Bedrock:	5947.97

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/86	5949.92	11/3/89	5949.92
10/13/86	5949.92	1/17/90	5949.92
11/26/86	5949.92	4/26/90	5950.76
1/1/87	5949.92	5/8/90	5950.54
2/25/87	5949.92	7/10/90	5950.21
3/24/87	5949.92	8/10/90	5949.92
5/8/87	5949.92	8/23/90	5949.92
6/3/87	5949.92	9/5/90	5949.92
7/8/87	5950.32	10/2/90	5949.92
8/4/87	5950.12	10/24/90	5949.92
9/3/87	5949.92	7/5/91	5949.92
9/24/87	5949.92	8/5/91	5949.92
10/21/87	5949.92	9/4/91	5949.92
11/9/87	5949.92	10/7/91	5949.92
11/17/87	5949.92	11/4/91	5949.92
12/22/87	5949.92	2/6/92	5949.92
2/1/88	5949.92	3/3/92	5949.92
2/29/88	5949.92	6/8/92	5949.92
3/21/88	5949.92	8/7/92	5949.92
4/18/88	5949.92	9/4/92	5949.92
5/16/88	5949.92		
6/15/88	5951.52		
7/15/88	5949.92		
8/18/88	5949.92		
9/15/88	5949.92		
10/22/88	5949.92		
11/15/88	5949.92		
12/15/88	5950.12		
1/15/89	5949.92		
2/24/89	5949.92		
3/31/89	5949.92		
4/27/89	5949.92		
5/26/89	5949.92		
6/30/89	5950.32		
7/28/89	5949.92		
8/30/89	5949.92		
9/11/89	5949.92		

Monitoring Well 2286

Well Construction Information	
Northing:	750718.0
Easting:	2084411.0
Ground Surface Elevation:	5978.77
Elevation Inner Casing:	5979.55
Elevation Top of Screen:	5975.57
Elevation Bottom of Screen:	5967.57
Elevation Top of Bedrock:	5967.77

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/86	5971.17	6/30/89	5972.25	4/16/93	5971.88
9/13/86	5971.03	7/28/89	5971.33	4/23/93	5971.85
9/15/86	5971.30	8/30/89	5972.51	5/6/93	5971.24
9/16/86	5971.33	9/11/89	5972.93	5/14/93	5970.93
9/17/86	5971.27	11/6/89	5971.22	5/19/93	5970.95
9/19/86	5971.33	1/17/90	5969.29	5/30/93	5970.58
10/13/86	5972.33	2/16/90	5969.01	6/9/93	5970.27
11/26/86	5972.20	4/25/90	5972.21	7/14/93	5970.57
1/1/87	5971.05	5/9/90	5971.95	7/26/93	5970.04
2/25/87	5972.26	7/11/90	5970.69	7/27/93	5970.04
3/24/87	5973.38	7/27/90	5971.68	7/28/93	5970.27
5/8/87	5973.84	10/2/90	5971.18	10/4/93	5970.15
6/3/87	5972.75	10/12/90	5970.89	10/12/93	5969.97
7/8/87	5973.30	1/4/91	5968.94		
8/4/87	5972.75	1/7/91	5968.80		
8/27/87	5973.95	1/9/91	5968.80		
9/3/87	5973.65	5/29/91	5971.95		
10/21/87	5971.55	7/3/91	5971.34		
11/9/87	5971.15	7/30/91	5971.03		
12/21/87	5971.55	10/1/91	5969.80		
1/11/88	5972.95	10/3/91	5969.81		
2/29/88	5972.25	1/7/92	5969.76		
3/21/88	5972.35	1/9/92	5969.57		
4/18/88	5972.85	1/10/92	5969.57		
5/17/88	5972.55	4/2/92	5972.43		
6/15/88	5972.85	4/13/92	5971.83		
7/15/88	5972.55	7/1/92	5970.89		
8/18/88	5971.85	7/22/92	5970.30		
9/15/88	5971.85	10/5/92	5969.52		
10/22/88	5971.45	10/6/92	5969.52		
11/15/88	5970.15	10/7/92	5969.52		
12/15/88	5970.05	1/13/93	5969.22		
1/15/89	5969.95	2/18/93	5968.72		
2/24/89	5971.35	3/31/93	5968.21		
3/31/89	5971.95	4/7/93	5971.53		
4/27/89	5972.05	4/9/93	5968.91		
5/25/89	5973.65	4/13/93	5968.90		

Monitoring Well 2486

Well Construction Information	
Northing:	750338.0
Easting:	2084277.0
Ground Surface Elevation:	5982.45
Elevation Inner Casing:	5983.56
Elevation Top of Screen:	5979.50
Elevation Bottom of Screen:	5975.00
Elevation Top of Bedrock:	5975.25

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/16/86	5975.00	4/25/90	5975.01	1/13/93	5975.00
10/13/86	5975.00	5/20/90	5975.00	2/3/93	5975.00
11/26/86	5975.00	7/11/90	5975.00	3/29/93	5974.83
1/1/87	5975.00	8/10/90	5975.00	4/13/93	5976.19
2/25/87	5975.00	8/22/90	5975.00	4/14/93	5976.19
3/18/87	5975.00	9/5/90	5975.00	5/12/93	5974.64
5/8/87	5975.00	10/2/90	5975.00	6/7/93	5975.00
6/3/87	5975.00	11/1/90	5975.00	7/1/93	5975.65
7/8/87	5974.91	11/2/90	5975.00	7/14/93	5974.64
8/4/87	5975.00	1/4/91	5975.00	8/4/93	5974.63
9/3/87	5975.00	1/4/91	5975.00	9/3/93	5974.62
9/24/87	5975.00	4/24/91	5975.00	10/4/93	5974.64
10/28/87	5975.00	6/7/91	5976.20	11/1/93	5975.12
11/9/87	5975.00	6/11/91	5976.05		
12/21/87	5975.00	6/12/91	5976.05		
1/11/88	5975.00	7/3/91	5975.00		
2/29/88	5975.00	8/2/91	5975.00		
3/21/88	5975.00	9/4/91	5975.00		
4/18/88	5974.86	10/1/91	5974.45		
6/15/88	5975.36	10/1/91	5975.00		
7/15/88	5975.00	11/4/91	5975.00		
8/18/88	5974.86	12/3/91	5976.02		
9/15/88	5974.86	1/7/92	5975.00		
10/22/88	5975.00	2/6/92	5974.91		
11/15/88	5975.00	3/2/92	5975.00		
12/15/88	5974.86	4/2/92	5976.01		
1/15/89	5975.16	4/9/92	5975.26		
2/24/89	5975.00	4/10/92	5975.26		
3/31/89	5975.00	5/1/92	5975.00		
4/27/89	5975.00	6/8/92	5974.85		
5/26/89	5974.86	7/1/92	5975.00		
6/30/89	5975.00	8/7/92	5975.00		
7/28/89	5975.00	9/4/92	5975.00		
8/30/89	5975.00	10/5/92	5975.00		
9/11/89	5974.98	10/7/92	5975.00		
11/6/89	5975.00	11/3/92	5975.00		
1/17/90	5975.00	12/7/92	5975.83		

Monitoring Well 2686

Well Construction Information	
Northing:	750411.0
Easting:	2084841.0
Ground Surface Elevation:	5975.42
Elevation Inner Casing:	5977.17
Elevation Top of Screen:	5971.67
Elevation Bottom of Screen:	5964.42
Elevation Top of Bedrock:	5964.92

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
1/27/86	5965.57	5/26/89	5966.37	5/1/92	5966.24
9/12/86	5965.83	6/30/89	5966.37	6/8/92	5966.08
9/13/86	5965.63	7/28/89	5966.00	7/1/92	5965.85
9/15/86	5965.72	8/30/89	5966.01	7/21/92	5965.71
9/16/86	5965.54	9/11/89	5965.91	8/7/92	5965.48
9/17/86	5965.53	11/7/89	5964.42	9/4/92	5965.64
9/18/86	5965.50	1/17/90	5965.60	10/5/92	5965.17
10/13/86	5965.31	2/19/90	5965.45	10/12/92	5965.09
11/12/86	5965.57	4/24/90	5967.21	11/3/92	5964.81
11/26/86	5965.85	5/3/90	5966.80	12/7/92	5965.10
1/1/87	5966.46	7/10/90	5965.99	1/13/93	5965.07
2/25/87	5966.63	7/26/90	5966.08	2/3/93	5964.75
5/8/87	5967.69	8/10/90	5965.91	2/4/93	5964.75
6/3/87	5966.92	9/5/90	5965.64	2/5/93	5964.75
7/8/87	5966.97	10/1/90	5965.59	3/31/93	5965.35
8/4/87	5966.37	11/2/90	5965.26	4/8/93	5966.29
8/27/87	5966.47	12/12/90	5965.27	4/12/93	5966.51
9/3/87	5966.97	12/13/90	5965.27	4/16/93	5966.65
10/21/87	5965.67	1/4/91	5964.97	4/23/93	5966.69
11/9/87	5965.57	1/7/91	5964.93	5/6/93	5966.28
12/21/87	5965.57	1/8/91	5964.93	5/13/93	5966.18
1/27/88	5965.57	6/10/91	5966.37	5/14/93	5966.19
2/29/88	5966.37	7/3/91	5965.99	5/19/93	5966.15
3/21/88	5966.47	7/23/91	5965.75	5/30/93	5966.01
4/18/88	5966.77	8/2/91	5965.68	6/4/93	5966.81
5/17/88	5966.37	9/4/91	5965.69	6/9/93	5965.88
6/15/88	5966.37	10/1/91	5965.34	7/15/93	5965.85
7/15/88	5966.17	10/15/91	5965.21	7/28/93	5965.88
8/18/88	5966.07	10/16/91	5965.21	7/29/93	5965.58
9/15/88	5966.07	11/1/91	5964.98	7/30/93	5965.58
10/22/88	5965.77	12/3/91	5966.30	8/4/93	5965.54
11/15/88	5965.57	1/7/92	5965.56	10/4/93	5964.94
12/15/88	5966.17	1/30/92	5965.35	10/11/93	5964.89
1/15/89	5965.67	2/6/92	5965.41	11/1/93	5964.89
2/24/89	5965.97	3/2/92	5965.17		
3/31/89	5965.97	4/3/92	5967.21		
4/27/89	5966.37	4/14/92	5966.70		

Monitoring Well 2886

Well Construction Information	
Northing:	750803.0
Easting:	2085240.0
Ground Surface Elevation:	5962.38
Elevation Inner Casing:	5964.38
Elevation Top of Screen:	5958.35
Elevation Bottom of Screen:	5953.78
Elevation Top of Bedrock:	5953.88

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/86	5953.84	7/28/89	5957.35	4/14/92	5958.97
9/13/86	5953.71	8/30/89	5957.25	5/1/92	5958.36
9/15/86	5954.02	9/11/89	5958.96	6/8/92	5957.99
9/16/86	5953.60	10/30/89	5957.18	7/2/92	5957.09
9/17/86	5953.58	1/17/90	5955.88	7/21/92	5956.78
9/18/86	5953.75	2/13/90	5955.63	8/7/92	5956.26
10/13/86	5955.28	4/24/90	5959.48	9/4/92	5956.55
11/26/86	5955.87	5/15/90	5958.68	10/5/92	5955.55
1/1/87	5955.59	7/10/90	5957.60	10/14/92	5955.51
2/25/87	5957.38	8/3/90	5957.54	12/7/92	5957.81
3/19/87	5961.13	8/10/90	5957.24	1/13/93	5953.78
5/8/87	5960.00	9/5/90	5956.77	2/3/93	5953.78
6/3/87	5958.65	10/1/90	5956.32		
7/8/87	5958.73	11/2/90	5955.77		
8/4/87	5956.98	11/13/90	5956.87		
9/3/87	5956.38	1/4/91	5955.39		
10/21/87	5955.48	4/23/91	5955.95		
11/9/87	5955.68	4/24/91	5955.95		
12/22/87	5955.68	6/7/91	5958.39		
1/27/88	5958.58	6/10/91	5958.25		
2/29/88	5958.78	7/3/91	5957.40		
3/21/88	5958.58	7/23/91	5957.00		
4/18/88	5958.68	7/24/91	5957.00		
5/17/88	5958.08	8/2/91	5956.90		
6/15/88	5958.28	9/4/91	5956.43		
7/15/88	5958.18	10/1/91	5955.90		
8/18/88	5957.88	10/9/91	5955.73		
9/15/88	5957.58	10/11/91	5955.73		
10/22/88	5956.88	11/1/91	5955.43		
11/15/88	5955.98	12/3/91	5956.93		
12/15/88	5955.88	1/7/92	5956.27		
1/15/89	5955.58	1/27/92	5956.04		
2/24/89	5956.48	1/28/92	5956.04		
3/31/89	5956.48	2/6/92	5955.92		
4/27/89	5957.08	3/2/92	5955.48		
5/26/89	5958.18	4/2/92	5959.63		
6/30/89	5958.38	4/13/92	5958.97		

Monitoring Well 2986

Well Construction Information	
Northing:	750599.0
Easting:	2085687.0
Ground Surface Elevation:	5959.58
Elevation Inner Casing:	5960.68
Elevation Top of Screen:	5956.75
Elevation Bottom of Screen:	5950.81
Elevation Top of Bedrock:	5951.08

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/86	5950.81	4/24/90	5953.03	4/6/93	5950.26
9/24/86	5950.81	5/16/90	5951.86	4/8/93	5950.26
10/13/86	5950.81	7/10/90	5950.81	4/15/93	5950.27
11/26/86	5950.81	8/2/90	5950.81	4/22/93	5950.27
1/1/87	5950.81	8/10/90	5950.81	4/29/93	5950.26
2/25/87	5950.81	9/5/90	5950.81	5/3/93	5950.25
3/19/87	5950.81	10/1/90	5950.81	5/12/93	5950.24
5/8/87	5951.83	10/19/90	5950.81	5/13/93	5950.25
6/3/87	5950.86	11/2/90	5950.81	5/19/93	5950.26
7/8/87	5950.81	1/4/91	5950.81	5/26/93	5950.24
8/4/87	5950.81	6/7/91	5951.72	6/7/93	5950.81
9/3/87	5950.81	6/10/91	5951.63	6/9/93	5950.25
10/21/87	5950.81	7/3/91	5950.81	6/23/93	5950.24
11/9/87	5950.81	8/2/91	5950.81	7/1/93	5950.23
12/22/87	5950.81	9/4/91	5950.81	7/14/93	5950.27
1/27/88	5950.81	10/1/91	5950.08	7/28/93	5950.25
2/29/88	5950.81	10/1/91	5950.81	8/4/93	5950.24
3/21/88	5950.81	11/4/91	5950.81	8/25/93	5950.24
4/18/88	5950.81	12/3/91	5950.81	9/3/93	5950.24
6/15/88	5952.38	1/7/92	5950.81	9/17/93	5950.24
7/15/88	5950.48	2/6/92	5950.81	10/4/93	5950.24
8/18/88	5950.81	3/2/92	5950.81	11/1/93	5950.24
9/15/88	5950.48	4/2/92	5953.25		
10/22/88	5950.81	4/30/92	5951.62		
11/15/88	5950.81	5/1/92	5950.79		
12/15/88	5950.81	6/8/92	5950.31		
1/15/89	5950.81	7/1/92	5950.81		
2/24/89	5950.81	8/7/92	5950.81		
3/31/89	5950.81	9/4/92	5950.81		
4/27/89	5950.48	10/5/92	5950.81		
5/26/89	5950.58	10/7/92	5950.81		
6/30/89	5950.68	11/3/92	5950.81		
7/28/89	5950.81	12/7/92	5950.81		
8/30/89	5950.81	1/14/93	5950.81		
9/11/89	5950.81	2/3/93	5950.81		
10/30/89	5950.81	3/29/93	5950.26		
1/17/90	5950.81	4/1/93	5950.26		

Monitoring Well 3086

Well Construction Information	
Northing:	751078
Easting:	2084921
Ground Surface Elevation:	5957.40
Elevation Inner Casing:	5958.39
Elevation Top of Screen:	5954.90
Elevation Bottom of Screen:	5942.50
Elevation Top of Bedrock:	5954.90

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/86	5946.06	5/26/89	5953.99	2/4/93	5950.84
9/13/86	5946.45	6/30/89	5953.89	4/20/93	5953.71
9/15/86	5949.72	7/28/89	5953.04	4/21/93	5953.71
9/16/86	5948.72	8/30/89	5952.94	7/1/93	5952.30
9/17/86	5949.52	9/12/89	5953.10	8/2/93	5951.88
9/18/86	5949.73	11/8/89	5952.92	10/4/93	5951.17
9/19/86	5950.25	1/17/90	5952.79	10/20/93	5951.30
10/13/86	5953.32	2/7/90	5952.86		
11/26/86	5952.18	4/25/90	5953.81		
1/1/87	5949.06	5/31/90	5953.38		
2/25/87	5952.49	7/10/90	5952.74		
3/23/87	5953.81	8/14/90	5952.97		
5/8/87	5953.60	10/2/90	5952.22		
6/3/87	5952.77	10/30/90	5952.54		
7/8/87	5952.69	1/4/91	5952.78		
8/4/87	5951.89	4/29/91	5953.04		
9/3/87	5952.29	4/30/91	5953.04		
9/23/87	5952.29	5/29/91	5954.44		
10/21/87	5951.99	7/5/91	5953.46		
11/9/87	5951.89	8/6/91	5952.54		
11/17/87	5951.89	8/7/91	5952.54		
12/22/87	5951.99	10/1/91	5953.54		
2/1/88	5952.49	10/10/91	5951.66		
2/29/88	5953.29	10/11/91	5951.66		
3/21/88	5953.39	1/7/92	5952.32		
4/18/88	5953.49	1/28/92	5952.61		
6/15/88	5953.09	1/29/92	5952.61		
7/15/88	5952.59	4/2/92	5954.46		
8/18/88	5952.49	4/30/92	5953.37		
9/15/88	5952.69	7/2/92	5952.17		
10/22/88	5952.79	7/7/92	5952.05		
11/15/88	5952.59	7/8/92	5952.05		
12/15/88	5952.99	10/5/92	5951.03		
1/15/89	5952.19	10/8/92	5951.03		
2/24/89	5952.89	10/9/92	5951.03		
3/31/89	5954.29	1/13/93	5951.11		
4/27/89	5953.99	2/3/93	5950.84		

Monitoring Well 3186

Well Construction Information	
Northing:	751051
Easting:	2084764
Ground Surface Elevation:	5865
Elevation Inner Casing:	5967.05
Elevation Top of Screen:	5862.5
Elevation Bottom of Screen:	5847.7
Elevation Top of Bedrock:	5864.5

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/86	5968.05	1/17/90	5968.05	5/26/93	5945.68
10/13/86	5968.05	4/25/90	5968.05	6/9/93	5945.68
11/9/86	5968.05	5/7/90	5968.05	6/22/93	5948.20
11/26/86	5968.05	7/10/90	5968.05	6/22/93	5968.05
1/1/87	5968.05	7/25/90	5968.05	6/23/93	5945.68
2/25/87	5968.05	10/2/90	5968.05	7/1/93	5968.05
3/23/87	5968.05	10/25/90	5968.05	7/14/93	5945.68
5/8/87	5968.05	10/25/90	5968.05	7/28/93	5945.68
6/3/87	5968.05	1/4/91	5968.05	10/4/93	5968.05
7/8/87	5968.05	1/4/91	5968.05		
8/4/87	5968.05	6/11/91	5968.05		
9/3/87	5968.05	6/11/91	5968.05		
9/24/87	5968.05	7/3/91	5968.05		
10/21/87	5968.05	7/3/91	5968.05		
11/9/87	5968.05	10/1/91	5947.35		
12/22/87	5968.05	10/1/91	5967.05		
2/1/88	5968.05	10/1/91	5947.35		
2/29/88	5968.05	10/1/91	5968.05		
3/21/88	5968.05	1/8/92	5968.05		
4/18/88	5968.05	1/8/92	5968.05		
6/15/88	5950.15	4/2/92	5968.05		
7/15/88	5968.05	4/2/92	5968.05		
8/18/88	5968.05	4/20/92	5947.90		
9/15/88	5968.05	4/20/92	5968.05		
10/22/88	5968.05	4/20/92	5968.05		
11/15/88	5968.05	7/1/92	5968.05		
12/15/88	5968.05	7/1/92	5968.05		
1/15/89	5968.05	10/5/92	5947.49		
2/24/89	5968.05	10/5/92	5947.49		
3/31/89	5968.05	1/13/93	5968.05		
4/27/89	5968.05	1/13/93	5968.05		
5/26/89	5947.65	4/7/93	5945.68		
6/30/89	5968.05	4/22/93	5945.68		
7/28/89	5968.05	4/29/93	5945.68		
8/30/89	5968.05	5/6/93	5945.68		
9/12/89	5968.05	5/13/93	5945.68		
11/14/89	5968.05	5/19/93	5945.68		

Monitoring Well 3787

Well Construction Information	
Northing:	750494.0
Easting:	2085224.0
Ground Surface Elevation:	5967.50
Elevation Inner Casing:	5968.99
Elevation Top of Screen:	5964.02
Elevation Bottom of Screen:	5958.75
Elevation Top of Bedrock:	5959.52

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
11/12/87	5962.09	6/3/91	5962.46
12/22/87	5962.39	6/4/91	5962.46
1/27/88	5962.19	6/19/91	5962.07
2/29/88	5962.69	7/3/91	5961.79
3/21/88	5961.99	7/30/91	5961.50
4/18/88	5962.39	8/2/91	5960.40
5/17/88	5961.99	9/4/91	5961.09
6/15/88	5959.69	10/1/91	5960.25
6/15/88	5962.29	10/9/91	5960.05
7/15/88	5962.49	11/1/91	5959.55
8/18/88	5962.29	12/3/91	5961.49
9/15/88	5961.99	1/7/92	5960.98
10/22/88	5961.49	1/22/92	5960.64
11/15/88	5960.59	2/6/92	5960.56
12/15/88	5960.39	2/26/92	5960.03
1/15/89	5960.19	3/2/92	5959.84
2/24/89	5961.19	4/2/92	5963.07
3/31/89	5961.19	4/13/92	5962.70
4/27/89	5962.09	5/5/92	5962.32
5/26/89	5962.79	7/1/92	5961.81
6/30/89	5962.49	7/21/92	5961.28
7/28/89	5961.90	8/7/92	5960.60
8/30/89	5961.89	9/4/92	5960.76
9/11/89	5962.66	10/5/92	5959.50
11/20/89	5960.99	10/19/92	5959.19
1/17/90	5960.01	11/3/92	5958.96
3/5/90	5962.78	12/7/92	5959.74
4/24/90	5963.03	1/13/93	5959.69
5/2/90	5962.91	2/3/93	5959.18
7/10/90	5962.12	3/31/93	5960.76
8/10/90	5961.59	4/15/93	5959.91
8/21/90	5961.57	4/22/93	5962.66
9/5/90	5961.27		
10/1/90	5960.86		
10/16/90	5960.49		
11/2/90	5960.32		
1/4/91	5959.69		

Monitoring Well 3887

Well Construction Information	
Northing:	750396.0
Easting:	2085094.0
Ground Surface Elevation:	5972.15
Elevation Inner Casing:	5973.90
Elevation Top of Screen:	5968.65
Elevation Bottom of Screen:	5962.88
Elevation Top of Bedrock:	5964.35

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
11/12/87	5965.60	7/30/91	5963.88
12/21/87	5965.70	7/31/91	5963.88
1/27/88	5962.88	10/1/91	5962.49
2/29/88	5962.88	10/10/91	5962.12
3/21/88	5962.88	1/7/92	5963.73
4/18/88	5962.88	1/21/92	5963.50
5/17/88	5962.88	1/22/92	5963.50
7/15/88	5964.20	4/3/92	5965.43
8/18/88	5964.20	4/20/92	5964.87
9/15/88	5964.50	4/21/92	5964.87
10/22/88	5964.10	7/1/92	5963.99
11/15/88	5963.50	8/10/92	5963.08
12/15/88	5963.30	8/11/92	5963.08
1/15/89	5963.30	10/5/92	5962.75
2/24/89	5963.30	10/19/92	5962.53
3/31/89	5963.30	1/13/93	5963.60
4/27/89	5963.30	2/9/93	5963.10
5/26/89	5964.60	2/10/93	5963.10
6/30/89	5965.00	4/1/93	5963.52
7/28/89	5964.44	4/6/93	5964.98
8/30/89	5964.35	4/7/93	5964.98
9/11/89	5964.25	4/15/93	5965.37
11/16/89	5963.95	4/22/93	5965.29
1/17/90	5963.10	4/29/93	5964.98
2/23/90	5962.95	5/6/93	5964.79
4/24/90	5965.18	5/13/93	5964.62
5/23/90	5964.68	5/19/93	5964.53
7/10/90	5964.23	5/26/93	5964.46
8/23/90	5963.97	6/9/93	5964.20
10/4/90	5963.56	6/23/93	5964.48
11/8/90	5963.35	7/1/93	5962.88
1/4/91	5963.10	7/14/93	5963.46
4/24/91	5962.88	7/28/93	5962.70
4/29/91	5962.88	8/25/93	5962.88
6/4/91	5964.72	9/25/93	5962.88
6/6/91	5964.72	10/4/93	5962.88
7/3/91	5964.36		

Monitoring Well 5687

Well Construction Information	
Northing:	750638.0
Easting:	2084423.0
Ground Surface Elevation:	5978.39
Elevation Inner Casing:	5979.77
Elevation Top of Screen:	5974.87
Elevation Bottom of Screen:	5968.72
Elevation Top of Bedrock:	5968.99

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
2/29/88	5973.07	6/7/91	5970.45	4/6/93	5971.13
3/21/88	5971.97	7/3/91	5972.31	4/8/93	5969.45
4/18/88	5973.07	7/23/91	5972.32	4/15/93	5973.77
5/17/88	5973.57	7/25/91	5972.32	4/22/93	5971.66
6/15/88	5973.37	8/2/91	5970.38	5/6/93	5972.23
7/15/88	5973.37	9/4/91	5972.33	5/12/93	5972.16
8/18/88	5973.27	10/1/91	5971.83	5/13/93	5972.19
9/15/88	5971.97	10/3/91	5971.80	5/19/93	5972.09
10/22/88	5972.07	10/4/91	5971.80	5/26/93	5972.01
11/15/88	5971.67	11/4/91	5970.54	6/7/93	5971.86
12/15/88	5971.57	12/3/91	5971.59	6/9/93	5971.37
1/15/89	5971.37	1/7/92	5971.53	6/23/93	5971.90
2/24/89	5971.97	1/9/92	5971.46	7/1/93	5972.01
3/31/89	5972.17	1/10/92	5971.46	7/14/93	5969.82
4/27/89	5972.77	2/6/92	5970.54	7/14/93	5971.81
5/26/89	5973.27	3/2/92	5970.69	7/15/93	5971.81
6/30/89	5973.37	4/2/92	5972.69	7/28/93	5970.59
7/28/89	5972.89	4/6/92	5972.84	8/4/93	5970.79
8/30/89	5973.36	4/7/92	5972.84	8/25/93	5970.79
9/11/89	5972.24	5/1/92	5972.02	9/3/93	5970.68
11/20/89	5971.57	6/9/92	5972.02	9/25/93	5973.85
1/17/90	5970.56	7/1/92	5972.13	10/4/93	5971.20
2/15/90	5970.67	7/22/92	5971.80	10/14/93	5971.21
4/25/90	5972.95	7/23/92	5971.80	11/1/93	5970.80
5/10/90	5973.05	8/7/92	5970.63		
7/11/90	5971.93	9/4/92	5971.35		
7/31/90	5972.28	10/5/92	5971.29		
8/10/90	5970.45	10/6/92	5971.27		
9/5/90	5971.66	10/7/92	5971.27		
10/2/90	5971.97	11/3/92	5970.29		
10/22/90	5971.76	12/7/92	5970.44		
10/23/90	5971.76	1/13/93	5971.03		
11/2/90	5970.09	2/3/93	5970.77		
1/4/91	5970.79	2/11/93	5970.73		
1/8/91	5970.07	2/12/93	5970.73		
1/9/91	5970.07	3/29/93	5970.65		
5/29/91	5972.25	4/5/93	5971.13		

Monitoring Well B208089

Well Construction Information	
Northing:	751143.0
Easting:	2085876.0
Ground Surface Elevation:	5935.40
Elevation Inner Casing:	5937.07
Elevation Top of Screen:	5932.00
Elevation Bottom of Screen:	5922.50
Elevation Top of Bedrock:	5923.20

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
8/31/89	5923.36	4/2/92	5925.50
9/12/89	5923.48	4/9/92	5925.24
1/17/90	5923.20	4/10/92	5925.24
4/11/90	5925.09	5/4/92	5924.63
5/25/90	5924.57	6/3/92	5924.40
7/10/90	5924.09	7/2/92	5924.37
8/7/90	5924.11	7/14/92	5924.25
9/11/90	5923.84	7/15/92	5924.25
9/25/90	5923.74	8/4/92	5924.07
10/2/90	5923.17	9/3/92	5925.04
11/7/90	5923.56	10/2/92	5923.85
11/12/90	5923.54	10/5/92	5923.80
11/13/90	5923.54	10/6/92	5923.80
12/6/90	5923.49	11/1/92	5923.64
1/2/91	5923.40	12/2/92	5923.38
3/14/91	5923.19	1/13/93	5923.32
3/15/91	5923.19	2/1/93	5923.27
4/1/91	5922.72	2/4/93	5923.16
4/22/91	5923.13	3/26/93	5923.09
4/23/91	5923.13	4/5/93	5923.17
5/6/91	5922.70	4/22/93	5923.66
6/7/91	5924.12	4/23/93	5923.66
7/2/91	5924.04	5/12/93	5923.88
7/9/91	5923.92	6/16/93	5923.71
7/10/91	5923.92	6/23/93	5923.73
8/7/91	5923.90	7/13/93	5923.78
9/4/91	5923.89	7/28/93	5923.66
10/1/91	5923.66	8/23/93	5923.45
10/7/91	5923.63	9/7/93	5923.38
10/8/91	5923.63	10/6/93	5923.29
11/5/91	5923.42	10/25/93	5923.19
12/4/91	5923.72	11/1/93	5922.30
1/3/92	5923.72		
1/9/92	5923.61		
1/10/92	5923.61		
2/3/92	5923.44		
3/2/92	5923.40		

Monitoring Well B208189

Well Construction Information	
Northing:	751138
Easting:	2085885
Ground Surface Elevation:	5935.40
Elevation Inner Casing:	5937.46
Elevation Top of Screen:	5918.50
Elevation Bottom of Screen:	5909.10
Elevation Top of Bedrock:	5924.40

Monitoring Date	Water Elevation
8/31/89	5913.77
9/12/89	5909.10
1/17/90	5915.84
2/21/90	5917.28
4/11/90	5917.21
5/25/90	5919.69
7/10/90	5912.45
8/3/90	5914.08
10/2/90	5913.30
11/12/90	5915.81
11/13/90	5915.81
1/2/91	5912.39
1/21/91	5913.67
1/22/91	5913.67
4/1/91	5913.70
4/18/91	5914.68
4/22/91	5914.68
7/2/91	5916.31
7/9/91	5916.66
7/10/91	5916.66
10/1/91	5914.52
10/7/91	5914.89
10/8/91	5914.89
1/3/92	5915.96
1/9/92	5914.94
1/10/92	5914.94
4/2/92	5909.10
4/9/92	5909.10
4/10/92	5909.10
7/2/92	5915.26
7/14/92	5915.96
7/15/92	5915.96
10/2/92	5914.58
10/5/92	5914.74
10/6/92	5914.74
1/13/93	5915.37
2/4/93	5916.35
2/5/93	5916.35
4/5/93	5913.34
4/22/93	5914.44
4/23/93	5914.44
6/23/93	5913.01
7/13/93	5914.46
7/28/93	5915.32
10/6/93	5913.85
10/25/93	5914.99

Monitoring Well B208289

Well Construction Information	
Northing:	751739
Easting:	2086289
Ground Surface Elevation:	5850.70
Elevation Inner Casing:	5952.95
Elevation Top of Screen:	5844.70
Elevation Bottom of Screen:	5835.30
Elevation Top of Bedrock:	5850.50

Monitoring Date	Water Elevation
8/28/89	5835.70
9/12/89	5835.30
1/17/90	5835.87
2/28/90	5835.93
4/11/90	5835.34
5/10/90	5835.60
7/11/90	5835.84
7/24/90	5835.98
10/2/90	5835.89
10/8/90	5835.89
10/9/90	5835.89
1/2/91	5835.75
1/21/91	5835.84
1/22/91	5835.84
4/1/91	5835.74
4/18/91	5835.83
4/19/91	5835.83
7/2/91	5835.93
7/15/91	5836.07
7/16/91	5836.07
10/1/91	5835.86
10/8/91	5835.92
10/10/91	5835.92
1/3/92	5835.61
1/13/92	5835.64
1/14/92	5835.64
4/2/92	5835.81
4/9/92	5835.86
4/10/92	5835.86
7/1/92	5836.12
7/27/92	5836.33
7/28/92	5836.33
10/2/92	5835.62
10/5/92	5835.63
1/13/93	5835.60
2/4/93	5835.62
4/5/93	5835.35

Monitoring Date	Water Elevation
4/11/93	5835.34
4/12/93	5835.34
7/13/93	5835.69
8/3/93	5835.81
10/6/93	5835.57
10/27/93	5835.63

Monitoring Well B208389

Well Construction Information	
Northing:	751687
Easting:	2085584
Ground Surface Elevation:	5876.80
Elevation Inner Casing:	5878.66
Elevation Top of Screen:	5873.40
Elevation Bottom of Screen:	5869.00
Elevation Top of Bedrock:	5876.60

Monitoring Date	Water Elevation
8/28/89	5869.00
9/12/89	5869.00
1/17/90	5869.00
4/11/90	5869.00
5/9/90	5869.00
7/11/90	5869.00
8/24/90	5869.00
10/2/90	5869.00
10/25/90	5869.00
1/2/91	5869.00
4/1/91	5869.00
7/2/91	5869.00
10/1/91	5869.00
10/1/91	5869.00
1/3/92	5869.00
4/2/92	5869.00
7/2/92	5869.00
10/2/92	5869.00
1/13/93	5869.00
4/5/93	5869.00
6/23/93	5869.72
7/12/93	5869.00
10/6/93	5869.00

Monitoring Well B208489

Well Construction Information	
Northing:	751683
Easting:	2085636
Ground Surface Elevation:	5876.30
Elevation Inner Casing:	5878.34
Elevation Top of Screen:	5856.50
Elevation Bottom of Screen:	5847.10
Elevation Top of Bedrock:	5860.80

Monitoring Date	Water Elevation
8/28/89	5847.10
9/12/89	5847.10
1/17/90	5847.10
4/11/90	5847.10
5/9/90	5847.10
7/11/90	5847.10
10/2/90	5847.10
10/25/90	5847.10
1/2/91	5847.10
4/1/91	5847.10
7/2/91	5847.10
10/1/91	5847.10
1/3/92	5847.10
4/2/92	5847.10
7/2/92	5847.10
7/14/92	5847.10
10/2/92	5847.10
1/13/93	5847.10
4/5/93	5847.10
6/23/93	5847.19
7/12/93	5847.10
10/6/93	5847.10

Monitoring Well B208589

Well Construction Information	
Northing:	751804.0
Easting:	2085477.0
Ground Surface Elevation:	5856.50
Elevation Inner Casing:	5858.35
Elevation Top of Screen:	5853.27
Elevation Bottom of Screen:	5852.51
Elevation Top of Bedrock:	5852.90

Monitoring Date	Water Elevation
8/28/89	5852.51
9/13/89	5852.51
1/17/90	5853.45
3/15/90	5854.52
4/11/90	5854.73
5/11/90	5853.66
7/10/90	5852.52
7/24/90	5852.52
10/2/90	5852.51
10/23/90	5852.51
1/2/91	5853.59
1/21/91	5853.62
1/22/91	5853.62
4/1/91	5853.57
4/18/91	5853.95
4/19/91	5853.95
7/2/91	5852.84
7/15/91	5852.69
10/1/91	5852.53
10/8/91	5852.48
1/3/92	5853.73
1/13/92	5853.83
1/14/92	5853.83
4/2/92	5854.96
4/9/92	5854.40
4/10/92	5854.40
7/1/92	5852.65
7/20/92	5852.48
10/2/92	5852.51
1/13/93	5853.52
4/2/93	5854.64
7/12/93	5852.49
10/6/93	5852.25

Monitoring Well B208689

Well Construction Information	
Northing:	751728
Easting:	2085250
Ground Surface Elevation:	5867.60
Elevation Inner Casing:	5869.60
Elevation Top of Screen:	5855.30
Elevation Bottom of Screen:	5845.80
Elevation Top of Bedrock:	5860.30

Monitoring Date	Water Elevation
8/29/89	5854.89
9/13/89	5847.12
1/17/90	5859.60
3/15/90	5860.23
4/11/90	5848.63
5/8/90	5851.98
7/10/90	5853.35
7/24/90	5854.52
10/2/90	5854.87
10/23/90	5857.10
10/24/90	5857.10
1/2/91	5852.94
1/21/91	5855.12
1/22/91	5855.12
4/5/91	5852.67
4/8/91	5852.89
4/9/91	5852.89
7/2/91	5854.01
7/9/91	5854.58
7/10/91	5854.58
10/1/91	5855.58
10/8/91	5856.33
10/9/91	5856.33
1/3/92	5855.00
1/22/92	5856.32
2/20/92	5849.56
2/21/92	5849.56
4/2/92	5850.46
4/7/92	5851.01
4/8/92	5851.01
7/1/92	5854.64
7/21/92	5856.38
7/22/92	5856.38
10/2/92	5854.80
10/12/92	5855.86
10/13/92	5855.86
1/13/93	5855.45

Monitoring Date	Water Elevation
2/1/93	5856.56
2/2/93	5856.56
4/2/93	5851.68
4/22/93	5853.18
4/23/93	5853.18
7/12/93	5853.00
8/2/93	5855.71
10/6/93	5853.62
10/27/93	5855.40

Monitoring Well B208789

Well Construction Information	
Northing:	751755.0
Easting:	2084450.0
Ground Surface Elevation:	5907.10
Elevation Inner Casing:	5909.03
Elevation Top of Screen:	5904.22
Elevation Bottom of Screen:	5896.17
Elevation Top of Bedrock:	5898.70

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
8/28/89	5896.66	6/1/92	5902.82
9/12/89	5903.10	7/2/92	5902.69
1/17/90	5897.58	7/20/92	5902.19
2/27/90	5897.41	7/21/92	5902.19
4/11/90	5903.76	8/4/92	5895.74
5/24/90	5902.20	9/3/92	5899.17
7/10/90	5895.31	10/2/92	5899.26
8/1/90	5902.43	10/5/92	5899.24
8/7/90	5895.07	10/6/92	5899.24
9/11/90	5895.35	11/1/92	5895.30
10/3/90	5902.48	12/2/92	5895.40
10/22/90	5901.72	1/13/93	5895.52
10/23/90	5901.72	2/4/93	5895.56
11/7/90	5896.17	3/26/93	5895.35
12/6/90	5895.21	4/1/93	5895.47
1/2/91	5895.21	4/5/93	5895.76
3/12/91	5895.23	4/9/93	5897.21
4/1/91	5896.17	4/16/93	5901.35
5/6/91	5896.17	4/23/93	5904.25
6/7/91	5896.17	5/6/93	5904.07
7/2/91	5896.17	5/12/93	5903.60
7/9/91	5895.11	5/14/93	5904.07
8/7/91	5895.18	5/19/93	5903.72
9/5/91	5895.70	5/28/93	5903.81
10/1/91	5895.77	6/10/93	5903.45
10/8/91	5895.78	6/16/93	5903.20
11/6/91	5895.10	6/23/93	5904.02
12/4/91	5899.66	7/12/93	5903.11
1/3/92	5899.48	7/15/93	5903.00
1/13/92	5900.43	7/29/93	5902.52
1/14/92	5900.43	8/23/93	5901.89
2/3/92	5895.62	8/25/93	5901.84
3/2/92	5895.76	9/7/93	5901.59
4/2/92	5905.20	9/20/93	5901.33
4/8/92	5905.06	10/6/93	5901.03
4/9/92	5905.06	11/1/93	5900.60
5/4/92	5902.96		

Monitoring Well B210389

Well Construction Information	
Northing:	751696
Easting:	2085116
Ground Surface Elevation:	5873.20
Elevation Inner Casing:	5875.32
Elevation Top of Screen:	5859.60
Elevation Bottom of Screen:	5850.10
Elevation Top of Bedrock:	5864.60

Monitoring Date	Water Elevation
8/30/89	5852.39
9/13/89	5850.10
1/17/90	5851.81
2/13/90	5852.41
4/11/90	5850.80
6/12/90	5851.82
7/10/90	5850.22
9/25/90	5852.20
10/2/90	5850.10
10/23/90	5850.42
1/2/91	5851.58
1/21/91	5852.02
1/22/91	5852.02
4/1/91	5851.03
5/28/91	5852.10
5/29/91	5852.10
7/2/91	5850.21
7/15/91	5850.58
10/1/91	5851.62
10/21/91	5852.18
10/22/91	5852.18
1/3/92	5851.57
1/13/92	5851.80
1/14/92	5851.80
4/2/92	5851.23
4/7/92	5851.27
7/1/92	5851.43
7/21/92	5851.86
7/22/92	5851.86
10/2/92	5851.44
10/5/92	5851.52
1/13/93	5852.41
2/1/93	5852.83
2/2/93	5852.83
4/2/93	5851.08
7/12/93	5852.90
10/6/93	5854.88

Monitoring Well B210489

Well Construction Information	
Northing:	751802.0
Easting:	2085513.0
Ground Surface Elevation:	5856.40
Elevation Inner Casing:	5858.71
Elevation Top of Screen:	5853.42
Elevation Bottom of Screen:	5848.99
Elevation Top of Bedrock:	5849.40

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
8/29/89	5852.18	7/20/92	5852.35
9/13/89	5852.88	8/4/92	5852.09
1/17/90	5853.71	9/3/92	5852.72
2/28/90	5853.78	10/2/92	5852.29
4/11/90	5855.06	10/8/92	5850.48
5/10/90	5853.90	11/1/92	5853.14
7/10/90	5852.81	12/2/92	5853.68
7/27/90	5852.91	1/13/93	5853.60
8/7/90	5852.56	2/1/93	5854.04
9/11/90	5852.39	2/2/93	5852.99
10/2/90	5852.74	3/26/93	5854.00
11/1/90	5853.20	4/2/93	5854.87
11/7/90	5853.59	4/19/93	5854.43
12/6/90	5853.56	5/12/93	5853.63
1/2/91	5853.81	6/18/93	5852.80
1/15/91	5853.71	7/12/93	5852.25
4/1/91	5853.76	8/4/93	5852.03
4/9/91	5853.69	8/23/93	5851.96
5/6/91	5854.62	9/7/93	5852.15
6/6/91	5854.55	10/6/93	5852.73
7/2/91	5853.09	10/20/93	5853.20
7/15/91	5852.98	11/1/93	5853.52
8/7/91	5853.52		
9/5/91	5852.57		
10/1/91	5852.88		
10/21/91	5853.11		
11/5/91	5853.71		
12/4/91	5854.17		
1/3/92	5853.88		
1/13/92	5853.98		
2/3/92	5854.14		
3/3/92	5853.84		
4/2/92	5855.34		
4/10/92	5854.55		
5/4/92	5853.75		
6/3/92	5853.78		
7/1/92	5852.79		

Monitoring Well P207489

Well Construction Information	
Northing:	750197.0
Easting:	2084481.0
Ground Surface Elevation:	5980.70
Elevation Inner Casing:	5982.64
Elevation Top of Screen:	5978.32
Elevation Bottom of Screen:	5973.71
Elevation Top of Bedrock:	5974.21

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/11/89	5975.36	3/29/93	5975.91
9/20/89	5975.51	4/14/93	5976.51
1/17/90	5975.01		
3/14/90	5976.64		
4/26/90	5975.98		
6/1/90	5975.70		
7/11/90	5975.35		
8/10/90	5975.04		
8/14/90	5975.01		
9/5/90	5974.65		
11/2/90	5974.79		
12/17/90	5974.36		
1/4/91	5973.78		
4/30/91	5974.57		
5/30/91	5975.96		
7/3/91	5975.06		
8/6/91	5975.08		
9/4/91	5975.49		
10/2/91	5975.62		
10/23/91	5973.91		
11/4/91	5975.47		
12/3/91	5975.91		
1/8/92	5975.47		
2/6/92	5975.92		
3/3/92	5975.88		
4/3/92	5976.34		
4/28/92	5975.91		
5/5/92	5975.58		
7/1/92	5975.72		
7/23/92	5975.48		
8/7/92	5974.88		
9/10/92	5975.17		
10/5/92	5974.11		
11/3/92	5974.44		
12/7/92	5975.54		
1/14/93	5975.70		
2/3/93	5975.77		

Monitoring Well P207589

Well Construction Information	
Northing:	750395
Easting:	2084843
Ground Surface Elevation:	5974.10
Elevation Inner Casing:	5975.96
Elevation Top of Screen:	5959.70
Elevation Bottom of Screen:	5950.20
Elevation Top of Bedrock:	5964.70

Monitoring Date	Water Elevation
9/11/89	5951.29
9/21/89	5951.09
1/17/90	5950.22
3/5/90	5952.54
4/24/90	5950.00
5/3/90	5950.13
7/10/90	5950.20
7/19/90	5950.30
10/1/90	5950.47
12/17/90	5949.19
1/4/91	5949.46
3/25/91	5950.39
3/27/91	5950.39
6/10/91	5950.11
7/3/91	5949.37
7/24/91	5949.73
10/1/91	5950.18
10/15/91	5950.34
1/7/92	5950.38
1/28/92	5950.58
1/29/92	5950.58
4/3/92	5950.19
4/14/92	5950.34
7/1/92	5950.31
7/13/92	5950.44
10/5/92	5950.38
10/12/92	5950.47
10/13/92	5950.47
1/13/93	5950.50
2/4/93	5950.68
2/5/93	5950.68
4/1/93	5949.82
4/12/93	5949.96
6/21/93	5951.20
7/1/93	5949.73
7/14/93	5949.97
10/4/93	5950.32
10/12/93	5950.44

Monitoring Well P207689

Well Construction Information	
Northing:	750398.0
Easting:	2085318.0
Ground Surface Elevation:	5966.32
Elevation Inner Casing:	5967.88
Elevation Top of Screen:	5962.68
Elevation Bottom of Screen:	5953.22
Elevation Top of Bedrock:	5953.72

Monitoring Date	Water Elevation
7/17/89	5960.17
9/11/89	5960.31
9/14/89	5960.77
1/17/90	5959.39
1/31/90	5959.53
4/24/90	5961.06
4/30/90	5960.94
7/10/90	5960.20
7/17/90	5960.17
10/1/90	5959.70
10/15/90	5959.46
1/4/91	5959.14
3/25/91	5959.19
5/31/91	5960.36
7/3/91	5960.06
8/2/91	5959.82
10/1/91	5959.19
10/9/91	5958.94
1/7/92	5959.64
1/15/92	5959.70
4/2/92	5961.03
4/15/92	5960.73
7/1/92	5960.16
7/13/92	5959.87
10/5/92	5959.14
10/9/92	5959.11
1/13/93	5959.60
2/10/93	5960.53
4/8/93	5961.69
4/12/93	5959.55
4/13/93	5961.84
4/16/93	5961.93
4/23/93	5961.75
5/6/93	5961.18
5/14/93	5960.83
5/19/93	5961.35
5/30/93	5961.11

Monitoring Date	Water Elevation
6/9/93	5961.11
7/14/93	5959.90
7/23/93	5960.60
7/28/93	5959.73
7/30/93	5959.73
8/25/93	5959.24
9/20/93	5959.22
10/4/93	5959.23
10/18/93	5959.86

Monitoring Well P207789

Well Construction Information	
Northing:	750392
Easting:	2085343
Ground Surface Elevation:	5965.90
Elevation Inner Casing:	5967.75
Elevation Top of Screen:	5948.00
Elevation Bottom of Screen:	5938.60
Elevation Top of Bedrock:	5953.00

Monitoring Date	Water Elevation
9/11/89	5938.30
9/14/89	5938.34
1/17/90	5939.11
2/1/90	5939.22
4/24/90	5938.41
5/8/90	5938.55
7/10/90	5938.22
8/21/90	5938.71
10/1/90	5938.28
12/11/90	5939.17
12/12/90	5939.17
1/4/91	5937.81
4/24/91	5938.61
4/30/91	5938.61
6/5/91	5937.84
7/3/91	5937.58
8/5/91	5938.12
8/7/91	5938.12
10/1/91	5938.17
10/9/91	5938.29
1/7/92	5938.60
1/21/92	5938.75
4/2/92	5938.39
4/15/92	5938.52
7/1/92	5938.39
7/13/92	5938.53
10/5/92	5938.58
10/8/92	5938.61
1/13/93	5938.75
2/11/93	5939.04
2/12/93	5939.04
4/12/93	5938.08
6/25/93	5938.23
7/1/93	5937.87
7/29/93	5938.33
7/30/93	5938.33
10/4/93	5938.31
10/13/93	5938.43

Monitoring Well P207889

Well Construction Information	
Northing:	750671.0
Easting:	2085343.0
Ground Surface Elevation:	5962.82
Elevation Inner Casing:	5964.90
Elevation Top of Screen:	5959.56
Elevation Bottom of Screen:	5955.12
Elevation Top of Bedrock:	5954.32

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/11/89	5959.78	4/8/93	5956.01
9/15/89	5959.95	4/15/93	5960.92
1/17/90	5957.73	4/22/93	5959.91
2/1/90	5957.68	4/29/93	5959.68
5/1/90	5960.15	5/6/93	5959.48
5/2/90	5960.15	5/13/93	5959.30
7/10/90	5959.16	5/19/93	5959.53
7/19/90	5958.96	5/26/93	5956.28
10/1/90	5958.11	6/9/93	5958.93
10/10/90	5958.02	6/23/93	5959.35
10/11/90	5958.02	7/1/93	5958.73
1/4/91	5957.58	7/14/93	5957.67
3/25/91	5956.24	7/19/93	5957.34
3/26/91	5956.24	7/20/93	5957.34
6/10/91	5959.58	7/28/93	5956.57
6/11/91	5959.58	8/25/93	5955.16
7/3/91	5958.03	9/20/93	5954.80
7/24/91	5958.81	10/4/93	5954.79
7/25/91	5958.81	10/13/93	5954.79
10/1/91	5957.47		
10/8/91	5957.33		
10/9/91	5957.33		
1/7/92	5958.71		
1/21/92	5958.65		
1/22/92	5958.65		
4/2/92	5960.65		
4/7/92	5960.16		
4/8/92	5960.16		
7/2/92	5958.61		
7/13/92	5957.95		
7/14/92	5957.95		
10/5/92	5954.82		
10/12/92	5954.81		
1/14/93	5957.22		
2/8/93	5957.11		
2/9/93	5957.11		
4/7/93	5960.93		

Monitoring Well P207989

Well Construction Information	
Northing:	750671
Easting:	2085330
Ground Surface Elevation:	5963.10
Elevation Inner Casing:	5965.17
Elevation Top of Screen:	5952.10
Elevation Bottom of Screen:	5942.60
Elevation Top of Bedrock:	5957.30

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/11/89	5948.05	4/7/93	5944.97
9/14/89	5948.23	6/21/93	5947.73
1/17/90	5948.09	7/1/93	5946.88
2/1/90	5948.71	7/19/93	5947.76
5/1/90	5946.72	7/20/93	5947.76
5/2/90	5946.72	7/26/93	5942.26
7/10/90	5946.98	10/4/93	5945.75
8/28/90	5949.58	10/13/93	5946.15
10/1/90	5944.68		
12/12/90	5948.82		
12/13/90	5948.82		
1/4/91	5943.39		
3/25/91	5947.52		
3/26/91	5947.52		
6/5/91	5946.29		
6/6/91	5946.29		
7/3/91	5943.82		
7/24/91	5945.31		
7/26/91	5945.31		
10/1/91	5946.67		
10/8/91	5947.03		
10/9/91	5947.03		
1/7/92	5947.66		
3/5/92	5949.99		
3/6/92	5949.99		
4/2/92	5944.14		
4/6/92	5944.46		
4/7/92	5944.46		
7/2/92	5943.86		
7/16/92	5944.84		
7/17/92	5944.84		
10/5/92	5946.72		
10/7/92	5946.82		
10/8/92	5946.82		
1/14/93	5946.97		
2/8/93	5947.88		
2/9/93	5947.88		

Monitoring Well P208989

Well Construction Information	
Northing:	751044
Easting:	2084839
Ground Surface Elevation:	5962.50
Elevation Inner Casing:	5964.56
Elevation Top of Screen:	5947.10
Elevation Bottom of Screen:	5937.70
Elevation Top of Bedrock:	5959.00

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/89	5949.65	2/10/93	5946.56
9/28/89	5949.92	4/1/93	5947.25
1/17/90	5947.95	4/22/93	5949.14
3/9/90	5948.11	4/23/93	5949.14
4/25/90	5950.22	6/21/93	5949.03
5/8/90	5949.55	7/1/93	5947.85
7/10/90	5948.22	7/28/93	5947.33
7/31/90	5948.46	7/29/93	5947.33
10/2/90	5947.93	10/4/93	5946.86
10/16/90	5947.81	10/21/93	5946.74
10/17/90	5947.81	10/22/93	5946.74
1/4/91	5947.51		
3/25/91	5947.19		
3/26/91	5947.19		
5/30/91	5949.82		
5/31/91	5949.82		
7/3/91	5949.02		
8/8/91	5948.29		
8/9/91	5948.29		
10/1/91	5947.54		
10/9/91	5947.46		
10/10/91	5947.46		
1/8/92	5947.64		
1/29/92	5947.51		
1/30/92	5947.51		
4/2/92	5952.40		
4/20/92	5950.73		
4/21/92	5950.73		
7/1/92	5948.13		
7/16/92	5947.77		
7/17/92	5947.77		
10/5/92	5947.01		
10/8/92	5947.01		
10/9/92	5947.01		
1/13/93	5946.71		
2/1/93	5951.11		
2/9/93	5946.56		

Monitoring Well P209089

Well Construction Information	
Northing:	750566
Easting:	2084910
Ground Surface Elevation:	5972.20
Elevation Inner Casing:	5974.25
Elevation Top of Screen:	5955.70
Elevation Bottom of Screen:	5946.20
Elevation Top of Bedrock:	5960.70

Monitoring Date	Water Elevation
9/12/89	5949.22
9/26/89	5949.46
1/17/90	5949.30
4/24/90	5947.21
5/8/90	5947.63
7/10/90	5947.90
7/31/90	5948.68
10/1/90	5948.42
10/15/90	5949.00
10/16/90	5949.00
1/4/91	5949.23
3/25/91	5951.70
3/26/91	5951.70
6/12/91	5948.62
6/13/91	5948.62
7/3/91	5946.49
8/1/91	5947.71
8/2/91	5947.71
10/7/91	5948.43
10/16/91	5946.05
10/23/91	5946.05
1/7/92	5949.02
3/18/92	5951.25
3/19/92	5951.25
4/3/92	5946.22
4/27/92	5947.16
4/28/92	5947.16
7/2/92	5946.77
7/16/92	5947.38
7/17/92	5947.38
10/5/92	5949.12
10/8/92	5949.25
10/9/92	5949.25
1/14/93	5949.91
2/22/93	5951.13
2/23/93	5951.13
4/1/93	5947.08

Monitoring Date	Water Elevation
4/14/93	5947.51
6/21/93	5949.16
7/1/93	5948.17
7/22/93	5948.98
7/23/93	5948.98
10/4/93	5948.91
10/20/93	5949.55
10/21/93	5949.55

Monitoring Well P209189

Well Construction Information	
Northing:	750762
Easting:	2084309
Ground Surface Elevation:	5980.7
Elevation Inner Casing:	5982.21
Elevation Top of Screen:	5967.4
Elevation Bottom of Screen:	5945.7
Elevation Top of Bedrock:	5970.4

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/89	5974.50	7/1/93	5970.82
9/27/89	5971.71	10/4/93	5970.26
1/17/90	5968.03		
4/25/90	5972.05		
6/1/90	5971.89		
7/10/90	5971.31		
8/31/90	5971.47		
10/2/90	5971.40		
11/8/90	5971.51		
1/4/91	5967.86		
3/22/91	5967.88		
3/25/91	5967.88		
6/5/91	5971.95		
6/6/91	5971.95		
7/3/91	5970.83		
7/24/91	5971.11		
7/26/91	5971.11		
10/1/91	5969.40		
10/9/91	5968.97		
10/10/91	5968.97		
1/7/92	5968.89		
3/2/92	5967.59		
3/3/92	5967.59		
4/2/92	5972.03		
4/9/92	5971.64		
4/10/92	5971.64		
7/1/92	5970.98		
7/27/92	5970.01		
7/28/92	5970.01		
10/5/92	5968.71		
10/13/92	5968.43		
10/14/92	5968.43		
1/13/93	5968.47		
2/18/93	5967.64		
2/19/93	5967.64		
4/1/93	5971.74		
6/8/93	5970.68		

Monitoring Well P209289

Well Construction Information	
Northing:	750863.0
Easting:	2084139.0
Ground Surface Elevation:	5981.59
Elevation Inner Casing:	5983.42
Elevation Top of Screen:	5973.39
Elevation Bottom of Screen:	5968.93
Elevation Top of Bedrock:	5969.39

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/89	5968.75	4/22/92	5968.74
9/25/89	5968.93	5/5/92	5968.93
1/17/90	5968.93	5/5/92	5968.93
4/25/90	5968.76	6/9/92	5969.03
5/30/90	5968.74	7/1/92	5968.73
7/11/90	5968.93	7/13/92	5968.73
7/11/90	5968.93	8/7/92	5968.93
8/13/90	5968.77	9/10/92	5969.05
8/15/90	5968.77	10/5/92	5968.80
9/5/90	5969.04	10/7/92	5968.84
10/2/90	5969.18	11/3/92	5968.93
10/24/90	5968.93	12/7/92	5968.93
10/24/90	5968.93	1/13/93	5968.65
11/2/90	5968.76	2/3/93	5968.63
1/4/91	5968.73	2/11/93	5968.64
3/25/91	5968.71	3/29/93	5968.10
5/29/91	5967.99	4/5/93	5969.09
5/29/91	5969.32	4/8/93	5968.79
7/3/91	5968.74	4/15/93	5969.37
7/23/91	5968.73	4/22/93	5968.72
8/2/91	5968.93	5/6/93	5968.72
8/2/91	5968.93	5/12/93	5968.73
9/4/91	5968.75	5/19/93	5968.71
10/1/91	5968.78	5/28/93	5968.71
10/3/91	5968.76	6/8/93	5968.72
11/4/91	5968.96	6/9/93	5968.71
12/3/91	5969.18	6/21/93	5969.77
1/7/92	5968.73	6/23/93	5968.22
1/13/92	5968.71	7/1/93	5968.29
1/15/92	5968.93	7/14/93	5968.33
1/15/92	5968.93	7/28/93	5968.33
2/6/92	5968.93	8/4/93	5968.33
2/6/92	5968.93	8/25/93	5968.32
2/26/92	5968.75	9/3/93	5968.32
3/2/92	5968.93	9/20/93	5968.32
3/2/92	5968.93	10/4/93	5968.32
4/2/92	5969.69	11/1/93	5968.33

Monitoring Well P209389

Well Construction Information	
Northing:	750864
Easting:	2084130
Ground Surface Elevation:	5981.50
Elevation Inner Casing:	5983.39
Elevation Top of Screen:	5964.70
Elevation Bottom of Screen:	5952.70
Elevation Top of Bedrock:	5967.70

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/89	5965.77	2/12/93	5963.42
9/18/89	5966.23	4/14/93	5966.50
1/17/90	5963.83	4/15/93	5966.50
3/16/90	5967.14	7/1/93	5964.66
4/25/90	5965.41	7/19/93	5963.96
5/31/90	5962.51	7/20/93	5963.96
7/11/90	5964.89	10/4/93	5964.55
8/23/90	5965.85	10/18/93	5964.52
10/2/90	5966.08	10/19/93	5964.52
10/25/90	5964.75		
10/26/90	5964.75		
1/4/91	5963.49		
3/25/91	5963.84		
3/26/91	5963.84		
5/30/91	5965.83		
5/31/91	5965.83		
7/3/91	5964.16		
7/23/91	5963.74		
7/24/91	5963.74		
10/1/91	5963.99		
10/7/91	5964.70		
10/8/91	5964.70		
1/7/92	5964.24		
1/22/92	5963.93		
2/26/92	5964.48		
2/27/92	5964.48		
4/2/92	5966.24		
4/23/92	5964.86		
4/24/92	5964.86		
7/1/92	5964.76		
7/13/92	5964.59		
7/14/92	5964.59		
10/5/92	5964.97		
10/7/92	5964.99		
10/8/92	5964.99		
1/13/93	5963.51		
2/11/93	5963.42		

Monitoring Well P209489

Well Construction Information	
Northing:	750991
Easting:	2084634
Ground Surface Elevation:	5978.00
Elevation Inner Casing:	5980.10
Elevation Top of Screen:	5962.50
Elevation Bottom of Screen:	5943.00
Elevation Top of Bedrock:	5969.00

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/89	5951.57	4/6/93	5952.40
9/20/89	5951.55	4/7/93	5952.40
1/17/90	5943.00	7/1/93	5951.13
4/25/90	5952.23	7/21/93	5951.00
5/31/90	5951.58	7/22/93	5951.00
7/10/90	5951.42	10/4/93	5950.44
8/15/90	5951.52	10/14/93	5950.84
10/2/90	5951.45		
10/25/90	5951.22		
10/26/90	5951.22		
1/4/91	5950.75		
3/25/91	5950.15		
3/26/91	5950.15		
6/13/91	5952.95		
7/3/91	5951.52		
8/1/91	5950.52		
8/2/91	5950.52		
10/1/91	5951.09		
10/15/91	5950.78		
10/16/91	5950.78		
1/7/92	5950.69		
1/29/92	5950.50		
1/30/92	5950.50		
4/2/92	5953.60		
4/23/92	5952.13		
4/24/92	5952.13		
6/9/92	5943.00		
7/1/92	5951.17		
7/13/92	5951.07		
7/14/92	5951.07		
10/5/92	5950.73		
10/14/92	5950.66		
10/15/92	5950.66		
1/13/93	5950.34		
2/18/93	5950.18		
2/19/93	5950.18		
4/1/93	5951.39		

Monitoring Well P209589

Well Construction Information	
Northing:	751071
Easting:	2085286
Ground Surface Elevation:	5948.20
Elevation Inner Casing:	5950.04
Elevation Top of Screen:	5939.10
Elevation Bottom of Screen:	5929.70
Elevation Top of Bedrock:	5944.10

Monitoring Date	Water Elevation
9/12/89	5933.36
9/19/89	5933.45
1/17/90	5932.05
1/30/90	5932.42
4/25/90	5932.14
5/24/90	5933.49
7/10/90	5931.02
8/28/90	5929.26
10/2/90	5930.25
11/6/90	5931.55
1/4/91	5930.77
3/25/91	5932.46
3/27/91	5932.46
6/5/91	5931.30
6/6/91	5931.30
7/3/91	5930.05
7/31/91	5931.34
10/1/91	5931.31
10/3/91	5931.26
10/4/91	5931.26
1/7/92	5931.41
1/9/92	5931.50
1/10/92	5931.50
4/2/92	5931.68
4/9/92	5931.98
4/10/92	5931.98
7/2/92	5930.51
7/8/92	5930.72
7/9/92	5930.72
10/5/92	5931.29
10/6/92	5931.29
1/13/93	5930.95
2/8/93	5931.62
2/9/93	5931.62
4/1/93	5930.19
4/21/93	5930.94
4/22/93	5930.94

Monitoring Date	Water Elevation
7/1/93	5931.22
7/22/93	5931.91
10/4/93	5930.62
10/19/93	5930.90

Monitoring Well P209689

Well Construction Information	
Northing:	750533
Easting:	2085514
Ground Surface Elevation:	5962.60
Elevation Inner Casing:	5964.43
Elevation Top of Screen:	5945.40
Elevation Bottom of Screen:	5935.90
Elevation Top of Bedrock:	5950.40

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/13/89	5937.96	7/20/93	5936.15
1/17/90	5936.24	10/4/93	5935.94
3/15/90	5936.83	10/12/93	5936.03
4/25/90	5935.32		
4/30/90	5935.44		
7/10/90	5935.80		
7/19/90	5935.94		
10/1/90	5936.02		
10/2/90	5936.03		
10/10/90	5936.13		
1/4/91	5936.41		
1/7/91	5936.43		
3/25/91	5935.99		
6/4/91	5935.45		
6/12/91	5937.28		
7/3/91	5935.15		
7/31/91	5935.62		
10/1/91	5935.85		
10/10/91	5935.99		
1/7/92	5936.24		
1/21/92	5936.41		
4/2/92	5935.98		
4/27/92	5936.29		
4/28/92	5936.29		
7/1/92	5935.85		
7/20/92	5936.09		
10/5/92	5936.06		
10/12/92	5936.14		
10/13/92	5936.14		
1/14/93	5936.26		
2/8/93	5936.50		
2/9/93	5936.50		
4/1/93	5935.57		
4/5/93	5935.61		
4/6/93	5935.61		
7/1/93	5935.89		
7/19/93	5936.15		

Monitoring Well P209789

Well Construction Information	
Northing:	750579.0
Easting:	2085481.0
Ground Surface Elevation:	5962.82
Elevation Inner Casing:	5964.94
Elevation Top of Screen:	5959.82
Elevation Bottom of Screen:	5950.32
Elevation Top of Bedrock:	5950.82

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/13/89	5959.76	5/26/93	5958.16
1/17/90	5956.12	6/9/93	5957.83
3/15/90	5961.60	6/23/93	5958.57
4/25/90	5959.87	7/1/93	5958.13
5/4/90	5959.41	7/14/93	5957.51
7/10/90	5957.83	7/16/93	5957.48
7/24/90	5958.29	7/28/93	5956.80
10/1/90	5956.52	8/25/93	5955.20
10/19/90	5956.09	9/20/93	5954.40
1/4/91	5955.02	10/4/93	5954.05
3/22/91	5954.58	10/14/93	5953.54
3/26/91	5954.58		
6/7/91	5958.35		
7/3/91	5957.52		
8/1/91	5957.35		
10/1/91	5955.94		
10/11/91	5955.53		
1/7/92	5956.52		
1/20/92	5956.05		
4/2/92	5960.24		
4/24/92	5958.57		
7/1/92	5957.67		
7/20/92	5956.86		
10/5/92	5954.89		
10/16/92	5954.67		
1/14/93	5955.00		
2/8/93	5954.40		
2/9/93	5954.40		
4/5/93	5959.32		
4/6/93	5959.32		
4/8/93	5959.35		
4/15/93	5960.39		
4/22/93	5959.36		
4/29/93	5958.89		
5/6/93	5958.56		
5/13/93	5958.27		
5/19/93	5958.31		

Monitoring Well P209889

Well Construction Information	
Northing:	751194
Easting:	2084984
Ground Surface Elevation:	5940.30
Elevation Inner Casing:	5942.40
Elevation Top of Screen:	5931.40
Elevation Bottom of Screen:	5922.00
Elevation Top of Bedrock:	5936.40

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/12/89	5937.72	2/11/93	5936.50
9/26/89	5937.18	4/1/93	5937.26
1/17/90	5937.25	4/20/93	5937.23
3/9/90	5937.88	4/21/93	5937.23
4/25/90	5937.97	7/1/93	5937.68
5/23/90	5937.90	7/22/93	5937.42
7/10/90	5937.34	7/23/93	5937.42
8/22/90	5937.40	10/4/93	5936.72
10/2/90	5937.42	10/20/93	5936.68
10/29/90	5937.25	10/21/93	5936.68
10/30/90	5937.25		
1/4/91	5936.94		
3/25/91	5937.38		
3/26/91	5937.38		
6/4/91	5938.40		
6/5/91	5938.40		
7/3/91	5937.89		
8/6/91	5937.93		
8/7/91	5937.93		
10/1/91	5937.15		
10/14/91	5937.06		
10/15/91	5937.06		
1/7/92	5937.39		
1/22/92	5937.19		
2/27/92	5937.10		
2/28/92	5937.10		
4/2/92	5937.91		
4/20/92	5937.78		
4/21/92	5937.78		
7/1/92	5937.94		
7/8/92	5937.73		
7/9/92	5937.73		
10/5/92	5937.06		
10/8/92	5937.06		
10/9/92	5937.06		
1/13/93	5936.50		
2/10/93	5936.50		

Monitoring Well P209989

Well Construction Information	
Northing:	751565.0
Easting:	2084649.0
Ground Surface Elevation:	5898.10
Elevation Inner Casing:	5900.40
Elevation Top of Screen:	5894.29
Elevation Bottom of Screen:	5889.92
Elevation Top of Bedrock:	5890.40

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
8/31/89	5889.92	12/2/92	5889.92
9/11/89	5889.92	1/13/93	5889.92
1/17/90	5889.92	2/1/93	5889.92
4/11/90	5889.92	3/26/93	5889.92
5/11/90	5889.92	4/5/93	5889.92
7/10/90	5889.92	4/11/93	5889.92
7/24/90	5889.92	5/12/93	5889.92
8/7/90	5889.92	6/16/93	5889.92
9/11/90	5889.92	7/13/93	5889.92
10/3/90	5889.92	8/23/93	5889.92
10/10/90	5889.92	9/7/93	5889.92
11/7/90	5889.92	10/6/93	5889.92
12/6/90	5889.92	11/1/93	5889.92
4/1/91	5889.92		
5/6/91	5889.92		
6/7/91	5890.08		
7/2/91	5889.71		
7/8/91	5889.68		
8/7/91	5889.92		
9/5/91	5889.92		
10/1/91	5888.51		
10/1/91	5889.92		
11/5/91	5889.92		
12/4/91	5889.92		
1/3/92	5889.92		
2/3/92	5889.92		
3/3/92	5889.92		
4/2/92	5890.11		
4/30/92	5889.97		
5/5/92	5888.93		
6/3/92	5889.92		
7/2/92	5888.62		
7/27/92	5889.92		
8/4/92	5889.92		
9/3/92	5889.92		
10/2/92	5889.92		
11/1/92	5889.92		

Monitoring Well P210089

Well Construction Information	
Northing:	751564
Easting:	2084639
Ground Surface Elevation:	5898.40
Elevation Inner Casing:	5900.40
Elevation Top of Screen:	5886.20
Elevation Bottom of Screen:	5876.90
Elevation Top of Bedrock:	5891.20

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/5/89	5882.02	2/5/93	5881.83
9/12/89	5876.61	4/5/93	5880.29
1/17/90	5881.71	4/22/93	5880.92
2/27/90	5881.57	7/13/93	5881.35
4/11/90	5879.60	8/19/93	5882.27
6/5/90	5881.68	8/20/93	5882.27
7/10/90	5879.69	10/6/93	5880.21
8/15/90	5881.66	10/19/93	5880.87
10/3/90	5880.86	10/20/93	5880.87
10/25/90	5881.80		
10/26/90	5881.80		
1/2/91	5880.98		
1/21/91	5881.34		
1/22/91	5881.34		
4/1/91	5880.51		
4/18/91	5881.01		
4/19/91	5881.01		
7/2/91	5881.30		
7/8/91	5881.60		
7/9/91	5881.60		
10/1/91	5882.06		
10/8/91	5882.17		
10/9/91	5882.17		
1/3/92	5876.90		
1/9/92	5881.60		
1/10/92	5881.60		
4/2/92	5881.19		
4/7/92	5881.31		
4/8/92	5881.31		
7/2/92	5881.98		
7/27/92	5882.63		
7/28/92	5882.63		
10/2/92	5881.68		
10/5/92	5881.80		
10/6/92	5881.80		
1/13/93	5881.81		
2/4/93	5881.83		

Monitoring Well P210189

Well Construction Information	
Northing:	750752
Easting:	2084411
Ground Surface Elevation:	5980.80
Elevation Inner Casing:	5982.48
Elevation Top of Screen:	5960.40
Elevation Bottom of Screen:	5944.70
Elevation Top of Bedrock:	5966.20

Monitoring Date	Water Elevation	Monitoring Date	Water Elevation
9/11/89	5970.72	7/26/93	5968.57
9/28/89	5970.91	7/27/93	5968.57
1/17/90	5967.65	10/4/93	5968.88
4/25/90	5970.42	10/21/93	5968.80
6/8/90	5969.75	10/22/93	5968.80
7/10/90	5969.12		
8/17/90	5970.05		
10/2/90	5969.85		
11/9/90	5969.13		
1/4/91	5967.43		
1/4/91	5967.40		
3/25/91	5967.09		
3/26/91	5967.09		
5/29/91	5970.10		
7/3/91	5969.63		
8/5/91	5969.67		
8/6/91	5969.67		
10/1/91	5968.30		
10/14/91	5968.08		
1/7/92	5968.22		
1/20/92	5967.74		
4/2/92	5970.51		
4/14/92	5969.99		
4/15/92	5969.99		
7/1/92	5969.43		
9/10/92	5969.04		
9/11/92	5969.04		
10/5/92	5968.05		
10/14/92	5967.80		
10/15/92	5967.80		
1/13/93	5967.70		
2/22/93	5967.18		
2/23/93	5967.18		
4/1/93	5968.61		
4/15/93	5969.91		
4/16/93	5969.91		
7/1/93	5969.36		

Monitoring Well P210289

Well Construction Information	
Northing:	750564.3
Easting:	2085222.9
Ground Surface Elevation:	5967.00
Elevation Inner Casing:	5969.19
Elevation Top of Screen:	5955.40
Elevation Bottom of Screen:	5946.00
Elevation Top of Bedrock:	5960.40

Monitoring Date	Water Elevation
9/11/89	5952.06
9/15/89	5952.42
1/17/90	5950.92
3/5/90	5953.44
4/24/90	5949.51
5/2/90	5950.14
7/10/90	5951.51
7/26/90	5953.02
10/1/90	5951.53
12/11/90	5955.84
1/4/91	5946.83
3/25/91	5951.68
6/4/91	5950.87
7/3/91	5947.92
7/23/91	5949.71
10/1/91	5951.29

Monitoring Well P213989

Well Construction Information	
Northing:	750468.0
Easting:	2086102.0
Ground Surface Elevation:	5954.30
Elevation Inner Casing:	5956.38
Elevation Top of Screen:	5951.01
Elevation Bottom of Screen:	5947.38
Elevation Top of Bedrock:	5947.60

Monitoring Date	Water Elevation
9/15/89	5947.38
1/23/90	5947.38
4/25/90	5947.38
7/11/90	5947.38
10/4/90	5947.38
1/8/91	5947.48
7/3/91	5947.38
10/7/91	5947.38
1/3/92	5947.38
4/2/92	5947.38
6/1/92	5947.38
7/6/92	5947.38
8/3/92	5947.38
9/3/92	5947.38
10/1/92	5947.38
11/2/92	5947.38
12/2/92	5947.38
1/15/93	5947.38
2/5/93	5947.38
3/29/93	5947.38
4/7/93	5947.38
5/14/93	5947.38
6/17/93	5947.38
7/7/93	5947.38
8/6/93	5947.38
9/3/93	5947.38
11/2/93	5947.38

Monitoring Well P218389

Well Construction Information	
Northing:	750831.0
Easting:	2085648.0
Ground Surface Elevation:	5956.20
Elevation Inner Casing:	5958.45
Elevation Top of Screen:	5948.14
Elevation Bottom of Screen:	5943.70
Elevation Top of Bedrock:	5944.20

Monitoring Date	Water Elevation
4/24/90	5948.95
7/11/90	5945.82
8/10/90	5945.59
9/5/90	5944.92
10/1/90	5944.43
11/2/90	5944.01
1/4/91	5943.72
6/7/91	5947.90
7/3/91	5945.87
8/5/91	5946.22
9/4/91	5944.97
10/1/91	5942.71
11/4/91	5944.02
12/3/91	5945.97
1/7/92	5944.27
2/6/92	5943.93
3/2/92	5943.69
4/2/92	5949.62
5/5/92	5946.78
6/9/92	5946.73
7/1/92	5945.81
8/7/92	5944.47
9/4/92	5945.21
10/5/92	5943.92
11/3/92	5943.69
12/7/92	5943.72
1/14/93	5943.72
2/3/93	5943.68
3/29/93	5945.43
4/1/93	5945.87
5/12/93	5945.53
6/7/93	5945.52
7/1/93	5945.71
8/4/93	5944.47
9/3/93	5943.79
10/4/93	5943.63
11/1/93	5944.24
11/15/93	5945.23

Monitoring Well P219089

Well Construction Information	
Northing:	751127.0
Easting:	2084117.0
Ground Surface Elevation:	5949.10
Elevation Inner Casing:	5949.90
Elevation Top of Screen:	5944.10
Elevation Bottom of Screen:	5934.66
Elevation Top of Bedrock:	5938.70

Monitoring Date	Water Elevation
12/12/89	5935.59
2/3/93	5939.88

Monitoring Well P219189

Well Construction Information	
Northing:	751222.0
Easting:	2084010.0
Ground Surface Elevation:	5941.20
Elevation Inner Casing:	5943.15
Elevation Top of Screen:	5934.12
Elevation Bottom of Screen:	5929.70
Elevation Top of Bedrock:	5930.20

Monitoring Date	Water Elevation
1/17/90	5929.70
4/25/90	5928.95
7/11/90	5930.29
10/3/90	5931.10
1/4/91	5930.25
7/3/91	5932.60
1/8/92	5933.10
4/2/92	5933.38
7/1/92	5933.57
10/5/92	5933.35
1/13/93	5933.27
4/1/93	5933.37
5/12/93	5933.63
6/7/93	5929.71
6/14/93	5929.82
7/1/93	5929.19
8/4/93	5930.01
9/3/93	5930.37
10/4/93	5930.73
11/1/93	5931.08
11/17/93	5931.27

Monitoring Well P219489

Well Construction Information	
Northing:	750415.0
Easting:	2085651.0
Ground Surface Elevation:	5959.50
Elevation Inner Casing:	5961.15
Elevation Top of Screen:	5941.02
Elevation Bottom of Screen:	5936.60
Elevation Top of Bedrock:	5937.00

Monitoring Date	Water Elevation
1/19/90	5936.60
4/25/90	5936.81
7/11/90	5938.16
10/1/90	5939.53
1/4/91	5940.72
7/3/91	5944.22
10/1/91	5945.41
1/7/92	5946.27
4/2/92	5946.67
7/1/92	5942.53
10/5/92	5947.69
1/14/93	5947.30
4/1/93	5946.87
5/12/93	5947.14
6/7/93	5947.33
7/1/93	5947.37
8/4/93	5947.43
9/3/93	5947.37
10/4/93	5947.31
11/1/93	5947.31
11/15/93	5947.37

Monitoring Well P219589

Well Construction Information	
Northing:	750268
Easting:	2085536
Ground Surface Elevation:	5963.80
Elevation Inner Casing:	5965.70
Elevation Top of Screen:	5942.50
Elevation Bottom of Screen:	5938.10
Elevation Top of Bedrock:	5946.60

Monitoring Date	Water Elevation
1/17/90	5938.10
4/24/90	5938.10
7/11/90	5938.10
10/1/90	5938.29
1/4/91	5939.05
7/3/91	5940.09
10/1/91	5940.77
1/7/92	5941.35
4/2/92	5941.76
7/1/92	5942.26
10/5/92	5943.18
1/14/93	5944.00
4/1/93	5944.23
5/12/93	5944.76
6/7/93	5945.24
7/1/93	5945.43
8/4/93	5945.74
9/3/93	5945.90
10/4/93	5945.97
11/1/93	5946.08
11/15/93	5946.20

Monitoring Well 02691

Well Construction Information	
Northing:	750385
Easting:	2086043
Ground Surface Elevation:	5934.80
Elevation Inner Casing:	5936.38
Elevation Top of Screen:	5928.80
Elevation Bottom of Screen:	5918.80
Elevation Top of Bedrock:	5933.70

Monitoring Date	Water Elevation
12/3/91	5929.14
12/19/91	5928.94
1/6/92	5928.45
2/4/92	5928.11
2/27/92	5928.74
3/3/92	5927.73
4/8/92	5931.04
5/4/92	5929.89
5/14/92	5929.76
7/2/92	5929.38
8/3/92	5928.81
10/1/92	5927.57
11/9/92	5927.90
1/15/93	5927.76
2/22/93	5927.44
4/7/93	5927.72
5/4/93	5929.02
7/7/93	5928.23
8/30/93	5927.41
10/1/93	5927.30

Monitoring Well 76192

Well Construction Information	
Northing:	750660.0
Easting:	2086122.0
Ground Surface Elevation:	5960.00
Elevation Inner Casing:	5963.00
Elevation Top of Screen:	5956.00
Elevation Bottom of Screen:	5954.00
Elevation Top of Bedrock:	5954.00

Monitoring Date	Water Elevation
12/10/92	5953.52
1/20/93	5953.48
2/23/93	5953.55
4/7/93	5953.48
7/15/93	5953.15
10/7/93	5954.00

Monitoring Well 05093

Well Construction Information	
Northing:	750804.2
Easting:	2085231.1
Ground Surface Elevation:	5963.30
Elevation Inner Casing:	5965.54
Elevation Top of Screen:	5959.80
Elevation Bottom of Screen:	5952.80
Elevation Top of Bedrock:	5953.60

Monitoring Date	Water Elevation
6/15/93	5956.87
6/17/93	5956.87
7/1/93	5956.99
8/2/93	5956.07
8/3/93	5956.07
9/3/93	5955.40
10/4/93	5955.28
10/18/93	5955.23
11/1/93	5955.43

Monitoring Well 05193

Well Construction Information	
Northing:	750483.6
Easting:	2085224.7
Ground Surface Elevation:	5968.40
Elevation Inner Casing:	5970.58
Elevation Top of Screen:	5964.00
Elevation Bottom of Screen:	5957.00
Elevation Top of Bedrock:	5956.30

Monitoring Date	Water Elevation
6/16/93	5962.01
6/17/93	5962.01
7/1/93	5961.94
8/2/93	5960.52
9/3/93	5958.95
10/4/93	5958.40
10/18/93	5958.27
11/1/93	5958.44

Monitoring Well 05293

Well Construction Information	
Northing:	750197.9
Easting:	2084490.2
Ground Surface Elevation:	5980.70
Elevation Inner Casing:	5983.11
Elevation Top of Screen:	5978.00
Elevation Bottom of Screen:	5973.00
Elevation Top of Bedrock:	5974.10

Monitoring Date	Water Elevation
7/15/93	5973.93
10/4/93	5973.71

Monitoring Well 05393

Well Construction Information	
Northing:	750548.7
Easting:	2085222.7
Ground Surface Elevation:	5967.40
Elevation Inner Casing:	5969.69
Elevation Top of Screen:	5955.30
Elevation Bottom of Screen:	5945.30
Elevation Top of Bedrock:	5961.20

Monitoring Date	Water Elevation
6/1/93	5945.30
6/7/93	5945.30
7/1/93	5946.18
10/4/93	5952.39

Monitoring Well 40193

Well Construction Information	
Northing:	751566.5
Easting:	2085406.9
Ground Surface Elevation:	5902.70
Elevation Inner Casing:	5904.87
Elevation Top of Screen:	5957.7
Elevation Bottom of Screen:	5952.7
Elevation Top of Bedrock:	5952.9

Monitoring Date	Water Elevation
3/31/93	5955.46
4/9/93	5957.41
4/13/93	5957.02
4/16/93	5957.61
4/23/93	5956.94
5/6/93	5955.99
5/14/93	5955.58
5/19/93	5955.36
5/30/93	5955.00
6/9/93	5954.78
10/11/93	5952.83
11/1/93	5952.82

Monitoring Well 40293

Well Construction Information	
Northing:	751520.4
Easting:	2084904.4
Ground Surface Elevation:	5901.90
Elevation Inner Casing:	5904.00
Elevation Top of Screen:	NA
Elevation Bottom of Screen:	NA
Elevation Top of Bedrock:	NDE

Monitoring Date	Water Elevation
4/5/93	5895.7
7/13/93	5895.7
10/6/93	5895.7
11/1/93	5895.7

Lysimeter/Neutron Access
Elevation Total Depth = 5895.7

Monitoring Well 41193

Well Construction Information	
Northing:	751044.2
Easting:	2084873.8
Ground Surface Elevation:	5960.70
Elevation Inner Casing:	5962.77
Elevation Top of Screen:	5957.7
Elevation Bottom of Screen:	5952.7
Elevation Top of Bedrock:	5952.9

Monitoring Date	Water Elevation
3/31/93	5955.46
4/9/93	5957.41
4/13/93	5957.02
4/16/93	5957.61
4/23/93	5956.94
5/6/93	5955.99
5/14/93	5955.58
5/19/93	5955.36
5/30/93	5955.00
6/9/93	5954.78
10/11/93	5952.83
11/1/93	5952.82

Monitoring Well 41693

Well Construction Information	
Northing:	750866.3
Easting:	2084912.0
Ground Surface Elevation:	5972.00
Elevation Inner Casing:	5975.46
Elevation Top of Screen:	5966
Elevation Bottom of Screen:	5956
Elevation Top of Bedrock:	5957.9

Monitoring Date	Water Elevation
4/9/93	5961.77
4/15/93	5961.81
4/22/93	5961.91
4/29/93	5961.89
5/6/93	5961.90
5/13/93	5961.95
5/19/93	5961.96
5/26/93	5961.99
6/9/93	5961.98
6/23/93	5962.16
7/14/93	5962.20
7/28/93	5962.19
8/25/93	5962.14
9/25/93	5962.03
10/12/93	5962.06
11/1/93	5961.95

Monitoring Well 41993

Well Construction Information	
Northing:	750873.5
Easting:	2084283.0
Ground Surface Elevation:	5978.70
Elevation Inner Casing:	NA
Elevation Top of Screen:	5974.2
Elevation Bottom of Screen:	5964.2
Elevation Top of Bedrock:	5971.1

Monitoring Date	Water Elevation
4/15/93	5970.54
4/22/93	5968.88
5/6/93	5965.34
5/13/93	5964.40
5/19/93	5967.95
5/26/93	5965.17
6/9/93	5963.89
6/23/93	5966.97
7/14/93	5963.92
7/28/93	5963.86
8/25/93	5963.77
9/17/93	5963.66

Monitoring Well 42393

Well Construction Information	
Northing:	750804.1
Easting:	2084286.3
Ground Surface Elevation:	5980.20
Elevation Inner Casing:	5982.21
Elevation Top of Screen:	5977.2
Elevation Bottom of Screen:	5967.2
Elevation Top of Bedrock:	5972.1

Monitoring Date	Water Elevation
4/8/93	5971.72
4/15/93	5971.72
4/22/93	5971.65
5/6/93	5970.73
5/13/93	5969.63
5/19/93	5971.64
5/26/93	5970.44
6/9/93	5969.92
6/23/93	5971.56
7/14/93	5969.27
7/28/93	5968.61
8/25/93	5968.44
9/17/93	5967.28
10/11/93	5969.29
11/1/93	5971.69

Monitoring Well 42993

Well Construction Information	
Northing:	750748.0
Easting:	2084552.4
Ground Surface Elevation:	5978.80
Elevation Inner Casing:	5981.00
Elevation Top of Screen:	5972.8
Elevation Bottom of Screen:	5962.8
Elevation Top of Bedrock:	5965.9

Monitoring Date	Water Elevation
4/8/93	5969.83
4/15/93	5970.25
5/6/93	5969.96
5/13/93	5969.67
5/19/93	5969.58
5/26/93	5969.44
6/9/93	5969.07
6/23/93	5970.05
7/14/93	5969.34
7/28/93	5968.87
8/25/93	5968.37
9/17/93	5968.77
10/11/93	5968.85
11/1/93	5969.19

Monitoring Well 43293

Well Construction Information	
Northing:	750825.7
Easting:	2085753.1.
Ground Surface Elevation:	5955.50
Elevation Inner Casing:	5958.56
Elevation Top of Screen:	5946.5
Elevation Bottom of Screen:	5941.5
Elevation Top of Bedrock:	5945.5

Monitoring Date	Water Elevation
4/15/93	5943.26
4/22/93	5941.98
4/29/93	5942.35
5/6/93	5941.98
5/13/93	5941.66
5/19/93	5941.49
5/28/93	5941.25
6/9/93	5941.26
6/23/93	5942.43
7/14/93	5941.42
7/28/93	5941.27
8/25/93	5941.25
9/17/93	5941.22
10/11/93	5941.64

Monitoring Well 43593

Well Construction Information	
Northing:	750611.9064
Easting:	2084455.864
Ground Surface Elevation:	5978
Elevation Inner Casing:	5979.94
Elevation Top of Screen:	5972
Elevation Bottom of Screen:	5967
Elevation Top of Bedrock:	5971

Monitoring Date	Water Elevation
4/9/93	5973.12
4/15/93	5973.45
4/22/93	5973.22
5/6/93	5972.64
5/13/93	5972.34
5/19/93	5972.33
5/26/93	5972.12
6/9/93	5971.78
6/23/93	5972.65
7/14/93	5971.89
7/28/93	5971.51
8/25/93	5970.98
9/17/93	5971.56
10/11/93	5971.89
11/1/93	5972.76

Monitoring Well 43893

Well Construction Information	
Northing:	750452.9
Easting:	2084655.1
Ground Surface Elevation:	5977.50
Elevation Inner Casing:	5980.59
Elevation Top of Screen:	5968.5
Elevation Bottom of Screen:	5963.5
Elevation Top of Bedrock:	5963.1

Monitoring Date	Water Elevation
4/9/93	5968.57
4/22/93	5968.55
5/6/93	5968.09
5/13/93	5967.91
5/19/93	5967.85
5/26/93	5967.74
6/9/93	5967.63
6/23/93	5967.96
7/14/93	5967.61
7/28/93	5967.46
8/25/93	5967.21
9/17/93	5967.25
10/12/93	5967.53
11/1/93	5967.85

Monitoring Well 43993

Well Construction Information	
Northing:	750486.4
Easting:	2084908.9
Ground Surface Elevation:	5972.90
Elevation Inner Casing:	5976.50
Elevation Top of Screen:	5966.9
Elevation Bottom of Screen:	5956.9
Elevation Top of Bedrock:	5959.9

Monitoring Date	Water Elevation
4/9/93	5963.79
4/15/93	5964.19
4/22/93	5963.49
4/29/93	5963.39
5/6/93	5963.33
5/13/93	5963.33
5/19/93	5963.29
5/26/93	5963.27
6/9/93	5963.23
6/23/93	5963.28
7/14/93	5963.24
7/28/93	5963.17
8/25/93	5963.00
9/17/93	5962.85
10/12/93	5962.86
11/1/93	5962.83

Monitoring Well 44893

Well Construction Information	
Northing:	751341.2
Easting:	2085490.3
Ground Surface Elevation:	5925.80
Elevation Inner Casing:	5928.25
Elevation Top of Screen:	5921.8
Elevation Bottom of Screen:	5911.8
Elevation Top of Bedrock:	5909.6

Monitoring Date	Water Elevation
4/1/93	5913.50
4/5/93	5913.86
4/7/93	5913.39
4/16/93	5913.27
4/23/93	5913.19
5/6/93	5913.02
5/13/93	5912.92
5/19/93	5912.88
5/28/93	5912.79
6/10/93	5912.71
6/23/93	5912.63
7/13/93	5912.87
7/15/93	5912.49
7/29/93	5912.44
8/26/93	5912.37
9/20/93	5912.29
10/6/93	5912.69
11/1/93	5912.61

Monitoring Well 44993

Well Construction Information	
Northing:	751331.9
Easting:	2085514.4
Ground Surface Elevation:	5926.70
Elevation Inner Casing:	5928.98
Elevation Top of Screen:	5919.2
Elevation Bottom of Screen:	5914.2
Elevation Top of Bedrock:	5914.2

Monitoring Date	Water Elevation
4/1/93	5913.71
4/7/93	5913.54
4/16/93	5913.55
4/23/93	5913.54
5/6/93	5913.52
5/14/93	5913.51
5/19/93	5913.49
5/28/93	5913.46
6/10/93	5913.46
6/23/93	5913.46
7/15/93	5913.40
7/29/93	5913.39
8/26/93	5913.36
9/20/93	5913.34

Monitoring Well 45093

Well Construction Information	
Northing:	751315.2
Easting:	2085545.6
Ground Surface Elevation:	5928.00
Elevation Inner Casing:	5930.38
Elevation Top of Screen:	5921.3
Elevation Bottom of Screen:	5916.3
Elevation Top of Bedrock:	5916.0

Monitoring Date	Water Elevation
4/1/93	5914.30
4/16/93	5914.30
4/23/93	5914.30
5/6/93	5914.30
5/14/93	5914.30
5/19/93	5914.30
5/28/93	5914.30
6/10/93	5916.24
6/23/93	5914.30
7/15/93	5914.30
7/29/93	5914.30
8/26/93	5914.30
9/20/93	5914.30

Monitoring Well 45293

Well Construction Information	
Northing:	751351.1
Easting:	2085468.0
Ground Surface Elevation:	5925.10
Elevation Inner Casing:	5927.22
Elevation Top of Screen:	5917.3
Elevation Bottom of Screen:	5912.3
Elevation Top of Bedrock:	5912.3

Monitoring Date	Water Elevation
4/1/93	5912.06
4/7/93	5911.84
4/16/93	5911.79
4/23/93	5911.75
5/6/93	5911.72
5/14/93	5911.69
5/19/93	5911.66
5/28/93	5911.60
6/10/93	5911.59
6/23/93	5911.58
7/15/93	5911.52
7/29/93	5911.48
8/26/93	5911.42
9/20/93	5911.38

Monitoring Well 45393

Well Construction Information	
Northing:	751367.8
Easting:	2085436.6
Ground Surface Elevation:	5923.70
Elevation Inner Casing:	5925.86
Elevation Top of Screen:	5917
Elevation Bottom of Screen:	5907
Elevation Top of Bedrock:	5907

Monitoring Date	Water Elevation
4/1/93	5907.00
4/9/93	5907.00
4/16/93	5907.00
4/23/93	5907.00
5/6/93	5907.00
5/14/93	5907.00
5/19/93	5907.00
5/28/93	5907.00
6/10/93	5907.00
6/23/93	5907.00
7/15/93	5907.00
7/29/93	5907.00
8/26/93	5907.00
9/20/93	5907.00

Monitoring Well 45593

Well Construction Information	
Northing:	751248.9
Easting:	2084515.6
Ground Surface Elevation:	5933.50
Elevation Inner Casing:	5936.02
Elevation Top of Screen:	NA
Elevation Bottom of Screen:	NA
Elevation Top of Bedrock:	NDA

Monitoring Date	Water Elevation
4/9/93	5926.00
4/15/93	5926.00
4/22/93	5926.00
4/29/93	5926.00
5/6/93	5926.00
5/14/93	5926.00
5/19/93	5926.00
5/26/93	5926.00
6/9/93	5926.00
6/23/93	5926.00
7/14/93	5926.00
7/28/93	5926.00
8/25/93	5926.00
9/17/93	5926.00

Monitoring Well 45693

Well Construction Information	
Northing:	751221.4828
Easting:	2084513.794
Ground Surface Elevation:	5936.8
Elevation Inner Casing:	5938.81
Elevation Top of Screen:	5933.3
Elevation Bottom of Screen:	5931.3
Elevation Top of Bedrock:	5931.2

Monitoring Date	Water Elevation
4/7/93	5931.31
4/15/93	5932.93
4/22/93	5932.62
4/29/93	5932.43
5/6/93	5932.11
5/13/93	5931.64
5/19/93	5931.85
5/26/93	5931.41
6/9/93	5930.72
6/23/93	5931.62
7/14/93	5929.96
7/28/93	5929.57
8/25/93	5929.30
9/17/93	5936.31
10/11/93	5937.15
11/1/93	5937.20

Monitoring Well 45793

Well Construction Information	
Northing:	751139.0
Easting:	2084528.4
Ground Surface Elevation:	5950.40
Elevation Inner Casing:	5953.52
Elevation Top of Screen:	5948.4
Elevation Bottom of Screen:	5946.4
Elevation Top of Bedrock:	5946.4

Monitoring Date	Water Elevation
4/8/93	5948.52
4/15/93	5946.64
4/22/93	5946.13
4/29/93	5945.94
5/6/93	5945.93
5/13/93	5945.94
5/19/93	5946.45
6/23/93	5945.98
7/14/93	5945.96
7/28/93	5945.94
8/25/93	5945.93
9/17/93	5946.18
10/11/93	5946.62
11/1/93	5946.56

Monitoring Well 45893

Well Construction Information	
Northing:	751112.7515
Easting:	2084466.959
Ground Surface Elevation:	5960.4
Elevation Inner Casing:	5962.50
Elevation Top of Screen:	5952.4
Elevation Bottom of Screen:	5942.4
Elevation Top of Bedrock:	5951.4

Monitoring Date	Water Elevation
4/7/93	5948.96
4/22/93	5947.98
4/29/93	5945.77
5/6/93	5945.27
5/13/93	5944.87
5/19/93	5945.28
6/9/93	5944.34
6/23/93	5945.21
7/14/93	5944.04
7/28/93	5943.52
8/25/93	5942.94
9/17/93	5942.52
10/11/93	5944.56
11/1/93	5945.47

Monitoring Well 45993

Well Construction Information	
Northing:	751138.2
Easting:	2084511.8
Ground Surface Elevation:	5950.20
Elevation Inner Casing:	5953.33
Elevation Top of Screen:	5947.7
Elevation Bottom of Screen:	5945.7
Elevation Top of Bedrock:	5945.4

Monitoring Date	Water Elevation
4/9/93	5948.49
4/15/93	5946.60
4/22/93	5945.71
4/29/93	5945.37
5/6/93	5945.37
5/13/93	5945.36
5/19/93	5945.34
6/9/93	5943.70
6/23/93	5945.76
7/14/93	5945.40
7/28/93	5945.38
8/25/93	5945.35
9/17/93	5945.35

Monitoring Well 46093

Well Construction Information	
Northing:	751247.2
Easting:	2084888.0
Ground Surface Elevation:	5932.60
Elevation Inner Casing:	5934.41
Elevation Top of Screen:	NA
Elevation Bottom of Screen:	NA
Elevation Top of Bedrock:	NDA

Monitoring Date	Water Elevation
4/9/93	5923.60
4/15/93	5923.60
4/22/93	5923.60
4/29/93	5923.60
5/6/93	5923.60
5/13/93	5923.60
5/19/93	5923.60
5/26/93	5923.60
6/9/93	5923.60
6/23/93	5923.60
7/14/93	5923.60
7/28/93	5923.60
8/25/93	5923.60
9/17/93	5923.60

Monitoring Well 46193

Well Construction Information	
Northing:	751219.4145
Easting:	2084858.449
Ground Surface Elevation:	5935.7
Elevation Inner Casing:	5938.70
Elevation Top of Screen:	5933.7
Elevation Bottom of Screen:	5928.7
Elevation Top of Bedrock:	5928.7

Monitoring Date	Water Elevation
4/9/93	5926.90
4/15/93	5927.42
4/22/93	5927.55
4/29/93	5927.60
5/6/93	5927.80
5/13/93	5927.99
5/19/93	5928.48
5/26/93	5929.04
6/9/93	5929.32
6/23/93	5929.43
7/14/93	5929.54
7/28/93	5929.60
8/25/93	5929.60
9/17/93	5929.48
10/11/93	5929.86
11/1/93	5929.78

Monitoring Well 46293

Well Construction Information	
Northing:	751179.8
Easting:	2084859.3
Ground Surface Elevation:	5939.60
Elevation Inner Casing:	5942.17
Elevation Top of Screen:	5936.6
Elevation Bottom of Screen:	5931.6
Elevation Top of Bedrock:	5931.6

Monitoring Date	Water Elevation
4/1/93	5940.59
4/15/93	5941.27
4/22/93	5940.89
4/29/93	5940.43
5/6/93	5939.79
5/13/93	5939.17
5/19/93	5938.98
5/26/93	5938.05
6/9/93	5937.00
6/23/93	5937.04
7/14/93	5935.14
7/28/93	5934.23
8/25/93	5932.69
9/17/93	5931.87
10/11/93	5932.37
11/1/93	5932.99

Monitoring Well 46393

Well Construction Information	
Northing:	751573.0
Easting:	2085418.2
Ground Surface Elevation:	5900.40
Elevation Inner Casing:	5902.96
Elevation Top of Screen:	5887.9
Elevation Bottom of Screen:	5877.9
Elevation Top of Bedrock:	5878.4

Monitoring Date	Water Elevation
4/1/93	5877.52
4/7/93	5877.66
4/16/93	5877.94
4/23/93	5878.11
5/6/93	5878.47
5/13/93	5878.69
5/19/93	5878.83
5/28/93	5879.06
6/10/93	5879.39
6/23/93	5879.75
7/15/93	5880.32
7/29/93	5880.78
8/25/93	5881.07
9/20/93	5881.86

Monitoring Well 46493

Well Construction Information	
Northing:	751557.8
Easting:	2085394.1
Ground Surface Elevation:	5903.30
Elevation Inner Casing:	5905.87
Elevation Top of Screen:	5897.3
Elevation Bottom of Screen:	5887.3
Elevation Top of Bedrock:	5887.3

Monitoring Date	Water Elevation
4/7/93	5885.30
4/16/93	5885.72
4/23/93	5885.72
5/6/93	5885.69
5/14/93	5885.73
5/19/93	5885.68
6/10/93	5885.67
6/23/93	5885.68
7/15/93	5885.69
7/29/93	5885.69
8/26/93	5885.71
9/20/93	5885.73

APPENDIX II.U

SOIL GAS SURVEY RESULTS

RECEIVED JUN 17 1993

Walsh
& Associates, Inc.
Environmental Scientists and Engineers

June 11, 1993

Henry Leighton
RUST Environment & Infrastructure, Inc.
No. 2 Garden Center, Suite 200
Broomfield, Colorado 80020-1730

Re: Soil Gas Survey of OU-4, Rocky Flats Plant
WALSH Project No. 1374-10

Dear Mr. Leighton:

Attached are the analytical reports and field logs for the soil gas survey completed within OU-4 during May 3-7, 1993. No significant complications were encountered during field operations.

The soil gas survey was conducted in accordance with EG&G standard operating procedures (EMD SOP GT.9) as outlined in our technical proposal of March 8, 1993. A total of 28 samples were collected using a truck mounted Geoprobe 8-M ™ hydraulic probe or by hand. Probes were driven to a depth of 5 feet and retracted slightly to open the sample port. A vacuum pump capable of pulling at least 25 inches of Hg was used to purge the probes of a minimum of three volumes (actual purge volumes were approximately 20-100 volumes) and samples were collected through a teflon septa using a gas tight syringe. All samples except SG27-1, which was collected at a depth of four feet, were collected at five feet below ground. Samples SG5-1, SG6-1,SG7-1 and SG8-1 were in a radiologically controlled area and were hand sampled. Hand samples were collected by using a slide hammer to drive the probes. The probes were then purged using a hand operated pump and samples collected as described above. Six duplicate and two equipment blanks were collected for QA/QC purposes.

Landfill gases including CH_4, CO_2, and O_2 were measured in situ as vapor probe headspace using a GA-90™ factory calibrated infrared analyzer. The gases were measured and recorded directly in the field to +/- 0.5 percent.

On-site analysis was performed in the WALSH mobile laboratory utilizing a Hewlett Packard 5890A gas chromatograph with megabore capillary columns, dual PID/ECD detectors operated in series and a computerized data system. The electron capture detector enabled detection limits at microgram per liter levels of the target chlorinated solvents.

Results of the survey detected CCL_4 at four sample points, TCE at one location, and PCE at a single point. PCE and TCE were both detected at sub ug/l concentrations and CCL_4 was detected at a maximum concentration of 2.4 ug/l. Landfill gases including O_2, CO_2, and CH_4 were generally within normal background ranges. A single methane anomaly of 14% was recorded at SG-12 during the initial headspace reading but dissipated to 0% during purging of

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the vapor point. QA/QC sample results were all below reporting limits.

Operations concluded on May 10 with decontamination and demobilization of the field team and mobile laboratory. WALSH appreciates the opportunity to provide services to RUST and looks forward to working together on future project. Please call if you have any questions.

Sincerely,

Stanley C. Spencer, REM
Project Manager

cc: Barbara Neary - RUST
File 1374

RUST PROJECT 4014.04
WALSH PROJECT 1374-10
OU-4 SOIL GAS SURVEY

MOBILE LABORATORY DATA

INJECTION VOLUME: 1.0 mL
VOC Units = ug/L

FIELD INSTRUMENT DATA (GA-90)

VAPOR POINT HEADSPACE READING
Landfill Gas Units = percent

SAMPLE ID	1,1,1-TCA	CARBON TETRACHLORIDE	TCE	PCE	UNKNOWN GC PEAK	Oxygen	Carbon Dioxide	Methane
SG 1 - 1	BRL	BRL	ND	BRL		20.9	0	0
SG 2 - 1	BRL	BRL	ND	BRL	X	20.9	0	0
SG 2 - 2	BRL	ND	BRL	BRL	X	20.9	0	0
SG 3 - 1	BRL	ND	BRL	BRL	X	20.9	0	0.3
SG 4 - 1	BRL	ND	ND	BRL		20	0.3	0
SG 5 - 1	BRL	ND	BRL	BRL	X	20.9	0	0
SG 6 - 1	BRL	ND	BRL	0.25	X	20.9	0	0
SG 7 - 1	BRL	ND	BRL	BRL	X	20.9	0	0
SG 8 - 1	BRL	ND	ND	BRL		20.9	0	0
SG 9 - 1	BRL	BRL	ND	BRL		20.9	0	0
SG 10 - 1	BRL	BRL	ND	BRL		20.9	0	0
SG 11 - 1	BRL	BRL	ND	ND		20.9	0	0
SG 12 - 1	BRL	BRL	ND	ND		18	0	14*
SG 12 - 2	BRL	BRL	BRL	BRL		20.9	0	0
SG 13 - 1	BRL	BRL	BRL	BRL		20.9	0	0
SG 14 - 1	BRL	ND	ND	BRL		20.9	0	0
SG 15 - 1	BRL	BRL	0.33	BRL		20.9	0.4	0
SG 16 - 1	BRL	ND	ND	ND		20.9	0	0
SG 17 - 1	BRL	BRL	ND	BRL		20.9	0	0
SG 18 - 1	BRL	0.48	BRL	ND		20.9	0	0
SG 19 - 1	BRL	ND	ND	BRL		20.9	0	0
SG 20 - 1	BRL	ND	BRL	ND		20.9	0	0
SG 21 - 1	BRL	BRL	BRL	ND		20.9	0	0
SG 22 - 1	BRL	BRL	ND	ND		20.9	0	0
SG 23 - 1	BRL	BRL	ND	BRL		20.9	0	0
SG 24 - 1	BRL	BRL	BRL	BRL	X	20.9	0	0
SG 25 - 1	BRL	0.45	BRL	BRL	X	20.9	0	0
SG 26 - 1	BRL	2.4	BRL	BRL	X	20.9	0	0
SG 26 - 2	BRL	2.4	BRL	BRL	X	20.9	0	0
SG 27 - 1	BRL	BRL	ND	BRL	X	20.9	0	0
SG 28 - 1	BRL	BRL	BRL	ND		20.9	0	0
RL	1	0.1	0.25	0.3		1	0.5	0.5

*0 after purging

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT

FORM GT.9D (REV. 2)

SOIL GAS SURVEY FORM

Survey Instrument Data				
Number	Model Number	Serial Number	Calibration Factor	Background (ppm)
NA				
Mobile Lab				
Analysis				

Technician: Date:

SURVEY DATA

Time	Sample Depth (ft)	Sample Number	Map Intersect Sample Location	O_2 Field Reading 1 (~~ppm~~) %	CO_2 Field Reading 2 (~~ppm~~) %	CH_4 % Comments	Comm
1016	0	B-1	NA (Equip Blank)	20.9	0	0	Equip Blank
1055	4.0	SG27-1	27	20.9	0	0	
1056	4.0	SG27-2	27	NA	NA	NA	Duplicate
1116	5.0	SG25-1	25	20.9	0	0	
1139	5.0	SG26-1	26	20.9	0	0	
1158	5.0	SG24-1	24	20.9	0	0	
1219	5.0	SG22-1	22	20.9	0	0	
1239	5.0	SG21-1	21	20.9	0	0	
1339	5.0	SG26-2	26	20.9	0	0	re-scan
1401	5.0	SG28-1	28	20.9	0	0	
1423	5.0	SG10-1	10	20.9	0	0	
1445	5.0	SG09-1	9	20.9	0	0	
1506	5.0	SG11-1	11	20.9	0	0	
1533	5.0	SG12-1	12	18.0	0	14.0 (?)	CH_4=0 after p
1534	5.0	SG12-2	12	NA	NA	NA	Duplic
1616	5.0	SG04-1	4	20.0	0	0	
1639	5.0	SG03-1	3	20.9	0	0.3	
			5-6-93				

ompleted By: JOHN OSTERGREN (Print Name) [signature] (Signature) 5-5-93 (Date)

ubcontractor: WALSH and Associates (Sub to RUST Engineering / OU4)

Notes: 1. Field readings are ± 0.5%
2. No "head space" field readings for duplicate sampl
3. CH_4 reading for SG-12-1 is considered suspect.

11-930-0070-930)(GT9REV.2)(03/19/92)

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT

FORM GT.9D (REV. 2)

SOIL GAS SURVEY FORM

Survey Instrument Data				
Number	Model Number	Serial Number	Calibration Factor	Background (ppm)
NA				
Mobile Lab				
Analysis				

Technician: Date:

SURVEY DATA

Time	Sample Depth (ft)	Sample Number	Map Intersect Sample Location	O_2 Field Reading 1 (~~ppm~~) %	CO_2 Field Reading 2 (~~ppm~~) %	CH_4 % ~~Comments~~ JDO	Comments
0810	0	B-2	~~JDO 5-6-93~~		JDO 5-6-93		Equip Blank
0857	5.0	SG02-1	2	20.9	0	0	
0858	5.0	SG02-2	2		JDO 5-6-93		Duplicate
0916	5.0	SG01-1	1	20.9	0	0	
0955	5.0	SG05-1	5	20.9	0.3	0	hand sampled
1011	5.0	SG06-1	6	20.9	0	0	hand sampled
1020	5.0	SG07-1	7	20.9	0	0	hand sampled
1032	5.0	SG08-1	8	20.9	0	0	hand sampled
1247	5.0	SG14-1	14	20.9	0	0	
1309	5.0	SG16-1	16	20.9	0	0	
1327	5.0	SG18-1	18	20.9	0	0	
1350	5.0	SG15-1	15	20.9	0.4	0	
1408	5.0	SG13-1	13	20.9	0	0	
1428	5.0	SG19-1	19	20.9	0	0	
1514	5.0	SG20-1	20	20.9	0	0	
1537	5.0	SG23-1	23	20.9	0	0	
1558	5.0	SG17-1	17	20.9	0	0	
		~~JDO 5-6-93~~					
			JDO 5-6-93				

Completed By: JOHN OSTERGREN (Print Name) (Signature) 5-6-93 (Date)

Subcontractor: WALSH and Associates (Sub to Rust engineering/EG&G)

1. field readings are ± 0.5%

Note: 2. locations 5-8 = hand sampled + hand purged. in RCA (Rad. Control Area)

(4011-930-0070-930)(GT9REV.2)(03/19/92)

U.S. DEPARTMENT OF ENERGY ROCKY FLATS PLANT FORM GT.9D (REV. 2)

SOIL GAS SURVEY FORM

Survey Instrument Data				
Number	Model Number	Serial Number	Calibration Factor	Background (ppm)
NA				
Mobile Lab				
Analysis				

Technician: Date:

SURVEY DATA

Time	Sample Depth (ft)	Sample Number	Map Intersect Sample Location	O_2 Field Reading 1 (~~ppm~~) %	CO_2 Field Reading 2 (~~ppm~~) %	CH_4 % Comments	comm
1106	5.0	SG02-3	2	20.9	0	0	re-sample GC/MS
1107	5.0	SG02-4	2		~~ppm~~ 5-7-93		duplica
1107	5.0	SG02-5	2		~~ppm~~ 5-7-93		duplica
1108	5.0	SG02-6	2		~~ppm~~ 5-7-93		duplica
1109	5.0	SG02-7	2		~~ppm~~ 5-7-93		duplica

Completed By: John Ostergren [signature] 5-7-93
Print Name Signature Date

Subcontractor: WAHSH + Associates (Sub to Rust Engineering/ewy)

(=011-930-0070-930)(GT9REV.2)(03/19/92)

Oxygen

~~METHANE~~ JDO 5-4-93 GAS ANALYZER INSTRUMENT LOG

OU7 ~~OU5~~ JDO 5-4-93

DATE	WAISY SERIAL NO.	CAL GAS	% O_2 INSTRUMENT READING	TIME	EMPLOYEE INITIALS
5-4-93	1135	Nitrogen 99.9%	0	0702	JDO
5-5-93	1135	"	0	0912	JDO
5-6-93	"	"	0	0645	JDO
5-7-93	"	"	0	0930	JDO
		JDO 5-7-93			

METHANE GAS ANALYZER INSTRUMENT LOG

~~OU5~~ JDO 004

DATE	SERIAL NO.	CAL GAS 25%	INSTRUMENT READING	TIME	EMPLOYEE INITIALS
5-5-93	3017	CH_4	24%	0913	JDO
5-6-93	〃	〃	24%	0700	JDO
5-7-93	〃	〃	26%	0930	JDO

JDO 5-7-93

APPENDIX II.V

LYSIMETER PORE WATER SAMPLE ANALYTICAL RESULTS

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40393	U	VE40701AE	VE	ALUMINUM	500.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	ALUMINUM	250.0000		UG/L	U	V	5950.20	5.80
40793	U	VE40797AE	VE	ALUMINUM	35.3000		UG/L		JA	5950.20	5.80
40993	L	VE40705AE	VE	ALUMINUM	1250.0000		UG/L	U	V	5955.50	25.80
40993	L	VE40790AE	VE	ALUMINUM	230.0000		UG/L			5955.50	25.80
40993	U	VE40791AE	VE	ALUMINUM	138.0000		UG/L	U	V	5969.30	12.00
40993	U	VE40806AE	VE	ALUMINUM	138.0000		UG/L	U	V	5969.30	12.00
40993	L	VE40807AE	VE	ALUMINUM	253.0000		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	ALUMINUM	1040.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	ALUMINUM	90.0000		UG/L	U	JA	5955.50	25.80
40993	L	VE40833AE	VE	ALUMINUM	10700.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	ALUMINUM	100.0000		UG/L	U	V	5951.90	2.80
41293	U	VE40798AE	VE	ALUMINUM	36.6000		UG/L		JA	5951.90	2.80
41293	U	VE40834AE	VE	ALUMINUM	27.5000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	ALUMINUM	220.0000		UG/L		V	5964.93	4.50
41593	U	VE40796AE	VE	ALUMINUM	44.1000		UG/L		JA	5964.93	4.50
41593	U	VE40816AE	VE	ALUMINUM	138.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40708AE	VE	ALUMINUM	100.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40720AE	VE	ALUMINUM	100.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40786AE	VE	ALUMINUM	27.5000		UG/L	U	V	5953.30	10.50
41793	U	VE40809AE	VE	ALUMINUM	39.0000		UG/L		JA	5953.30	10.50
41793	U	VE40813AE	VE	ALUMINUM	27.5000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	ALUMINUM	54.4000		UG/L	B	V	5964.56	7.10
42493	L	VE40794AE	VE	ALUMINUM	27.5000		UG/L	U	V	5964.56	7.10
42493	L	VE40805AE	VE	ALUMINUM	27.5000		UG/L	U	V	5964.56	7.10
42493	L	VE40815AE	VE	ALUMINUM	27.5000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	ALUMINUM	540.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	ALUMINUM	97.1000		UG/L	B	V	5972.30	5.80
42893	U	VE40787AE	VE	ALUMINUM	62.6000		UG/L		JA	5972.30	5.80
42893	U	VE40811AE	VE	ALUMINUM	21.3000		UG/L	U	V	5972.30	5.80
42893	U	VE40826AE	VE	ALUMINUM	27.5000		UG/L	U	V	5972.30	5.80
42893	U	VE40843AE	VE	ALUMINUM	372.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	ALUMINUM	50.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	ALUMINUM	250.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	ALUMINUM	100.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40784AE	VE	ALUMINUM	27.5000		UG/L	U	V	5955.70	8.70
43193	U	VE40785AE	VE	ALUMINUM	27.5000		UG/L	U	V	5959.90	4.50
43193	U	VE40802AE	VE	ALUMINUM	31.6000		UG/L		JA	5959.90	4.50
43193	L	VE40803AE	VE	ALUMINUM	27.5000		UG/L	U	V	5955.70	8.70
43193	U	VE40823AE	VE	ALUMINUM	27.5000		UG/L	U	V	5959.90	4.50
43193	L	VE40824AE	VE	ALUMINUM	27.5000		UG/L	U	V	5955.70	8.70
43193	L	VE40842AE	VE	ALUMINUM	8640.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	ALUMINUM	460.0000		UG/L	B	V	5964.52	7.90
43693	U	VE40793AE	VE	ALUMINUM	372.0000		UG/L			5964.52	7.90
43693	U	VE40804AE	VE	ALUMINUM	65.0000		UG/L		JA	5964.52	7.90
43693	U	VE40814AE	VE	ALUMINUM	281.0000		UG/L		V	5964.52	7.90
43693	U	VE40829AE	VE	ALUMINUM	2460.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	ALUMINUM	92.0000		UG/L	B	V	5967.60	4.50
43793	L	VE40723AE	VE	ALUMINUM	50.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40788AE	VE	ALUMINUM	37.9000		UG/L		JA	5961.30	10.80
43793	U	VE40789AE	VE	ALUMINUM	42.3000		UG/L		JA	5967.60	4.50
43793	L	VE40808AE	VE	ALUMINUM	35.9000		UG/L		JA	5961.30	10.80
43793	U	VE40810AE	VE	ALUMINUM	25.3000		UG/L		JA	5967.60	4.50
43793	U	VE40820AE	VE	ALUMINUM	29.9000		UG/L		JA	5967.60	4.50
43793	L	VE40821AE	VE	ALUMINUM	27.5000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	ALUMINUM	372.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	ALUMINUM	50.0000		UG/L	U	V	5963.00	5.60

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
44093	U	VE40783AE	VE	ALUMINUM	27.5000		UG/L	U	V	5963.00	5.60
44093	U	VE40801AE	VE	ALUMINUM	27.5000		UG/L	U	V	5963.00	5.60
44093	U	VE40822AE	VE	ALUMINUM	27.5000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	ALUMINUM	50.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	ALUMINUM	250.0000		UG/L	U	V	5969.30	7.60
44393	U	VE40781AE	VE	ALUMINUM	83.0000		UG/L		JA	5972.90	4.00
44393	L	VE40782AE	VE	ALUMINUM	27.5000		UG/L	U	V	5969.30	7.60
44393	U	VE40799AE	VE	ALUMINUM	27.5000		UG/L	U	V	5972.90	4.00
44393	L	VE40800AE	VE	ALUMINUM	27.5000		UG/L	U	V	5969.30	7.60
44393	U	VE40818AE	VE	ALUMINUM	27.5000		UG/L	U	V	5972.90	4.00
44393	L	VE40819AE	VE	ALUMINUM	27.5000		UG/L	U	V	5969.30	7.60
44393	L	VE40835AE	VE	ALUMINUM	27.9000		UG/L		JA	5969.30	7.60
44393	U	VE40838AE	VE	ALUMINUM	372.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	ALUMINUM	372.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	ANTIMONY	500.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	ANTIMONY	250.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40705AE	VE	ANTIMONY	1250.0000		UG/L	U	V	5955.50	25.80
40993	L	VE40790AE	VE	ANTIMONY	110.0000		UG/L	U		5955.50	25.80
40993	L	VE40807AE	VE	ANTIMONY	220.0000		UG/L	U		5955.50	25.80
40993	U	VE40827AE	VE	ANTIMONY	2550.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	ANTIMONY	175.0000		UG/L	U	JA	5955.50	25.80
40993	L	VE40833AE	VE	ANTIMONY	5100.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	ANTIMONY	100.0000		UG/L	U	V	5951.90	2.80
41293	U	VE40834AE	VE	ANTIMONY	31.2000		UG/L	U	JA	5951.90	2.80
41593	U	VE40707AE	VE	ANTIMONY	50.0000		UG/L	U	JA	5964.93	4.50
41793	U	VE40708AE	VE	ANTIMONY	100.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40720AE	VE	ANTIMONY	100.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	ANTIMONY	50.0000		UG/L	U	JA	5964.56	7.10
42493	L	VE40830AE	VE	ANTIMONY	2550.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	ANTIMONY	50.0000		UG/L	U	V	5972.30	5.80
42893	U	VE40843AE	VE	ANTIMONY	2550.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	ANTIMONY	50.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	ANTIMONY	250.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	ANTIMONY	100.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40842AE	VE	ANTIMONY	5100.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	ANTIMONY	250.0000		UG/L	U	V	5964.52	7.90
43693	U	VE40793AE	VE	ANTIMONY	55.0000		UG/L	U		5964.52	7.90
43693	U	VE40829AE	VE	ANTIMONY	2550.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	ANTIMONY	50.0000		UG/L	U	JA	5967.60	4.50
43793	L	VE40723AE	VE	ANTIMONY	50.0000		UG/L	U	JA	5961.30	10.80
43793	L	VE40837AE	VE	ANTIMONY	2550.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	ANTIMONY	50.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	ANTIMONY	50.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	ANTIMONY	250.0000		UG/L	U	V	5969.30	7.60
44393	L	VE40835AE	VE	ANTIMONY	31.2000		UG/L	U	JA	5969.30	7.60
44393	U	VE40838AE	VE	ANTIMONY	2550.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	ANTIMONY	2550.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	ARSENIC	12.5000		UG/L		V	5926.40	5.70
40793	U	VE40704AE	VE	ARSENIC	14.1000		UG/L	S	V	5950.20	5.80
40993	L	VE40705AE	VE	ARSENIC	120.0000		UG/L	SN	JA	5955.50	25.80
40993	L	VE40790AE	VE	ARSENIC	182.0000		UG/L			5955.50	25.80
40993	L	VE40807AE	VE	ARSENIC	179.0000		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	ARSENIC	1.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40833AE	VE	ARSENIC	10.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	ARSENIC	16.9000		UG/L		JA	5951.90	2.80
41293	U	VE40834AE	VE	ARSENIC	1.8000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	ARSENIC	3.0000		UG/L	U	JA	5964.93	4.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
41793	U	VE40708AE	VE	ARSENIC	21.7000		UG/L	S	V	5953.30	10.50
41793	U	VE40720AE	VE	ARSENIC	23.6000		UG/L	SN	JA	5953.30	10.50
42493	L	VE40709AE	VE	ARSENIC	3.0000		UG/L	U	JA	5964.56	7.10
42493	L	VE40830AE	VE	ARSENIC	5.9000		UG/L	B	JA	5964.56	7.10
42893	U	VE40703AE	VE	ARSENIC	18.3000		UG/L	S	V	5972.30	5.80
42893	U	VE40843AE	VE	ARSENIC	69.2000		UG/L		JA	5972.30	5.80
43193	U	VE40710AE	VE	ARSENIC	2.6000		UG/L	B	V	5959.90	4.50
43193	L	VE40716AE	VE	ARSENIC	2.0000		UG/L	UW	JA	5955.70	8.70
43193	L	VE40719AE	VE	ARSENIC	2.0000		UG/L	UW	JA	5955.70	8.70
43193	L	VE40842AE	VE	ARSENIC	1.0000		UG/L	B	JA	5955.70	8.70
43693	U	VE40711AE	VE	ARSENIC	8.7000		UG/L	BSN	JA	5964.52	7.90
43693	U	VE40793AE	VE	ARSENIC	10.5000		UG/L	B		5964.52	7.90
43693	U	VE40829AE	VE	ARSENIC	13.7000		UG/L		JA	5964.52	7.90
43793	U	VE40712AE	VE	ARSENIC	33.7000		UG/L	SN	JA	5967.60	4.50
43793	L	VE40723AE	VE	ARSENIC	16.1000		UG/L	N	JA	5961.30	10.80
43793	L	VE40837AE	VE	ARSENIC	19.5000		UG/L		JA	5961.30	10.80
44093	U	VE40713AE	VE	ARSENIC	4.5000		UG/L	B	V	5963.00	5.60
44393	U	VE40714AE	VE	ARSENIC	20.0000		UG/L	S	V	5972.90	4.00
44393	L	VE40715AE	VE	ARSENIC	16.6000		UG/L		V	5969.30	7.60
44393	L	VE40835AE	VE	ARSENIC	17.5000		UG/L		V	5969.30	7.60
44393	U	VE40838AE	VE	ARSENIC	21.1000		UG/L		JA	5972.90	4.00
44393	L	VE40839AE	VE	ARSENIC	19.2000		UG/L		JA	5969.30	7.60
40393	U	VE40701AE	VE	BARIUM	100.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	BARIUM	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40705AE	VE	BARIUM	250.0000		UG/L	U	V	5955.50	25.80
40993	L	VE40790AE	VE	BARIUM	64.8000		UG/L	B		5955.50	25.80
40993	L	VE40807AE	VE	BARIUM	64.9000		UG/L	B		5955.50	25.80
40993	U	VE40827AE	VE	BARIUM	1150.0000		UG/L	B	JA	5969.30	12.00
40993	L	VE40828AE	VE	BARIUM	66.2000		UG/L	B	V	5955.50	25.80
40993	L	VE40833AE	VE	BARIUM	504.0000		UG/L	B	JA	5955.50	25.80
41293	U	VE40706AE	VE	BARIUM	38.7000		UG/L	B	V	5951.90	2.80
41293	U	VE40834AE	VE	BARIUM	2.5000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	BARIUM	160.0000		UG/L	B	V	5964.93	4.50
41792	U	VE40708AE	VE	BARIUM	95.6000		UG/L	B	V	5953.30	10.50
41793	U	VE40720AE	VE	BARIUM	100.0000		UG/L	B	V	5953.30	10.50
42493	L	VE40709AE	VE	BARIUM	78.7000		UG/L	B	V	5964.56	7.10
42493	L	VE40830AE	VE	BARIUM	127.0000		UG/L	B	JA	5964.56	7.10
42893	U	VE40703AE	VE	BARIUM	10.0000		UG/L	U	V	5972.30	5.80
42893	U	VE40843AE	VE	BARIUM	24.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	BARIUM	290.0000		UG/L		V	5959.90	4.50
43193	L	VE40716AE	VE	BARIUM	450.0000		UG/L	B	V	5955.70	8.70
43193	L	VE40719AE	VE	BARIUM	400.0000		UG/L	B	V	5955.70	8.70
43193	L	VE40842AE	VE	BARIUM	976.0000		UG/L	B	JA	5955.70	8.70
43693	U	VE40711AE	VE	BARIUM	1470.0000		UG/L		V	5964.52	7.90
43693	U	VE40793AE	VE	BARIUM	612.0000		UG/L			5964.52	7.90
43693	U	VE40829AE	VE	BARIUM	871.0000		UG/L	B	JA	5964.52	7.90
43793	U	VE40712AE	VE	BARIUM	25.6000		UG/L	B	V	5967.60	4.50
43793	L	VE40723AE	VE	BARIUM	10.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	BARIUM	47.4000		UG/L	B	JA	5961.30	10.80
44093	U	VE40713AE	VE	BARIUM	65.9000		UG/L	B	V	5963.00	5.60
44393	U	VE40714AE	VE	BARIUM	33.2000		UG/L	B	V	5972.90	4.00
44393	L	VE40715AE	VE	BARIUM	50.0000		UG/L	U	V	5969.30	7.60
44393	L	VE40835AE	VE	BARIUM	36.7000		UG/L		V	5969.30	7.60
44393	U	VE40838AE	VE	BARIUM	148.0000		UG/L	B	JA	5972.90	4.00
44393	L	VE40839AE	VE	BARIUM	42.2000		UG/L	B	JA	5969.30	7.60
40393	U	VE40701AE	VE	BERYLLIUM	50.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	BERYLLIUM	25.0000		UG/L	U	V	5950.20	5.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40993	L	VE40705AE	VE	BERYLLIUM	130.0000		UG/L	U	V	5955.50	25.80
40993	L	VE40790AE	VE	BERYLLIUM	3.7000		UG/L	B		5955.50	25.80
40993	L	VE40807AE	VE	BERYLLIUM	3.6000		UG/L	B		5955.50	25.80
40993	U	VE40827AE	VE	BERYLLIUM	90.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	BERYLLIUM	4.0000		UG/L	U	V	5955.50	25.80
40993	L	VE40833AE	VE	BERYLLIUM	180.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	BERYLLIUM	10.0000		UG/L	U	V	5951.90	2.80
41293	U	VE40834AE	VE	BERYLLIUM	0.7000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	BERYLLIUM	5.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40708AE	VE	BERYLLIUM	10.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40720AE	VE	BERYLLIUM	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	BERYLLIUM	5.0000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	BERYLLIUM	90.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	BERYLLIUM	5.0000		UG/L	U	V	5972.30	5.80
42893	U	VE40843AE	VE	BERYLLIUM	90.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	BERYLLIUM	5.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	BERYLLIUM	25.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	BERYLLIUM	10.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40842AE	VE	BERYLLIUM	180.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	BERYLLIUM	25.0000		UG/L	U	V	5964.52	7.90
43693	U	VE40793AE	VE	BERYLLIUM	5.1000		UG/L			5964.52	7.90
43693	U	VE40829AE	VE	BERYLLIUM	90.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	BERYLLIUM	5.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40723AE	VE	BERYLLIUM	5.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	BERYLLIUM	90.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	BERYLLIUM	5.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	BERYLLIUM	5.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	BERYLLIUM	25.0000		UG/L	U	V	5969.30	7.60
44393	L	VE40835AE	VE	BERYLLIUM	0.7000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	BERYLLIUM	90.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	BERYLLIUM	90.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	CADMIUM	50.0000		UG/L	U	JA	5926.40	5.70
40793	U	VE40704AE	VE	CADMIUM	25.0000		UG/L	U	JA	5950.20	5.80
40793	U	VE40797AE	VE	CADMIUM	4.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40705AE	VE	CADMIUM	130.0000		UG/L	U	V	5955.50	25.80
40993	L	VE40790AE	VE	CADMIUM	23.6000		UG/L			5955.50	25.80
40993	U	VE40791AE	VE	CADMIUM	14.0000		UG/L	U	JA	5969.30	12.00
40993	U	VE40806AE	VE	CADMIUM	14.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40807AE	VE	CADMIUM	18.7000		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	CADMIUM	68.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	CADMIUM	5.0000		UG/L	U	V	5955.50	25.80
40993	L	VE40833AE	VE	CADMIUM	340.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	CADMIUM	10.0000		UG/L	U	V	5951.90	2.80
41293	U	VE40798AE	VE	CADMIUM	4.0000		UG/L	U	V	5951.90	2.80
41293	U	VE40834AE	VE	CADMIUM	2.8000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	CADMIUM	5.0000		UG/L	U	V	5964.93	4.50
41593	U	VE40796AE	VE	CADMIUM	44.8000		UG/L		JA	5964.93	4.50
41593	U	VE40816AE	VE	CADMIUM	53.9000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	CADMIUM	10.0000		UG/L	U	JA	5953.30	10.50
41793	U	VE40720AE	VE	CADMIUM	10.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40786AE	VE	CADMIUM	2.8000		UG/L	U	V	5953.30	10.50
41793	U	VE40809AE	VE	CADMIUM	2.8000		UG/L	U	V	5953.30	10.50
41793	U	VE40813AE	VE	CADMIUM	2.8000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	CADMIUM	5.0000		UG/L	U	V	5964.56	7.10
42493	L	VE40794AE	VE	CADMIUM	3.2000		UG/L		JA	5964.56	7.10
42493	L	VE40805AE	VE	CADMIUM	4.3000		UG/L		JA	5964.56	7.10
42493	L	VE40815AE	VE	CADMIUM	2.8000		UG/L	U	V	5964.56	7.10

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
42493	L	VE40830AE	VE	CADMIUM	68.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	CADMIUM	5.0000		UG/L	U	V	5972.30	5.80
42893	U	VE40787AE	VE	CADMIUM	4.0000		UG/L	U	V	5972.30	5.80
42893	U	VE40811AE	VE	CADMIUM	4.0000		UG/L	U	V	5972.30	5.80
42893	U	VE40826AE	VE	CADMIUM	2.8000		UG/L	U	V	5972.30	5.80
42893	U	VE40843AE	VE	CADMIUM	68.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	CADMIUM	5.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	CADMIUM	25.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	CADMIUM	10.6000		UG/L		JA	5955.70	8.70
43193	L	VE40784AE	VE	CADMIUM	6.3000		UG/L		JA	5955.70	8.70
43193	U	VE40785AE	VE	CADMIUM	2.8000		UG/L	U	V	5959.90	4.50
43193	U	VE40802AE	VE	CADMIUM	2.8000		UG/L	U	JA	5959.90	4.50
43193	L	VE40803AE	VE	CADMIUM	5.2000		UG/L		JA	5955.70	8.70
43193	U	VE40823AE	VE	CADMIUM	2.8000		UG/L	U	V	5959.90	4.50
43193	L	VE40824AE	VE	CADMIUM	5.5000		UG/L		V	5955.70	8.70
43193	L	VE40842AE	VE	CADMIUM	340.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	CADMIUM	25.0000		UG/L	U	JA	5964.52	7.90
43693	U	VE40793AE	VE	CADMIUM	16.4000		UG/L			5964.52	7.90
43693	U	VE40804AE	VE	CADMIUM	4.0000		UG/L	U	V	5964.52	7.90
43693	U	VE40814AE	VE	CADMIUM	2.8000		UG/L		V	5964.52	7.90
43693	U	VE40829AE	VE	CADMIUM	170.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	CADMIUM	5.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40723AE	VE	CADMIUM	5.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40788AE	VE	CADMIUM	2.8000		UG/L	U	V	5961.30	10.80
43793	U	VE40789AE	VE	CADMIUM	3.5000		UG/L		JA	5967.60	4.50
43793	L	VE40808AE	VE	CADMIUM	2.8000		UG/L	U	V	5961.30	10.80
43793	U	VE40810AE	VE	CADMIUM	4.0000		UG/L	U	V	5967.60	4.50
43793	U	VE40820AE	VE	CADMIUM	2.8000		UG/L	U	V	5967.60	4.50
43793	L	VE40821AE	VE	CADMIUM	2.8000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	CADMIUM	68.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	CADMIUM	5.0000		UG/L	U	V	5963.00	5.60
44093	U	VE40783AE	VE	CADMIUM	2.8000		UG/L	U	V	5963.00	5.60
44093	U	VE40801AE	VE	CADMIUM	2.8000		UG/L	U	V	5963.00	5.60
44093	U	VE40822AE	VE	CADMIUM	2.8000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	CADMIUM	5.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	CADMIUM	25.0000		UG/L	U	JA	5969.30	7.60
44393	U	VE40781AE	VE	CADMIUM	2.8000		UG/L	U	JA	5972.90	4.00
44393	L	VE40782AE	VE	CADMIUM	2.8000		UG/L	U	V	5969.30	7.60
44393	U	VE40799AE	VE	CADMIUM	2.8000		UG/L	U	V	5972.90	4.00
44393	L	VE40800AE	VE	CADMIUM	2.8000		UG/L	U	V	5969.30	7.60
44393	U	VE40818AE	VE	CADMIUM	2.8000		UG/L	U	V	5972.90	4.00
44393	L	VE40819AE	VE	CADMIUM	2.8000		UG/L	U	V	5969.30	7.60
44393	L	VE40835AE	VE	CADMIUM	2.8000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	CADMIUM	68.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	CADMIUM	68.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	CALCIUM	10000.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	CALCIUM	26000.0000		UG/L		V	5950.20	5.80
40993	L	VE40705AE	VE	CALCIUM	25000.0000		UG/L	U	V	5955.50	25.80
40993	L	VE40790AE	VE	CALCIUM	3700.0000		UG/L	B		5955.50	25.80
40993	L	VE40807AE	VE	CALCIUM	3730.0000		UG/L	B		5955.50	25.80
40993	U	VE40827AE	VE	CALCIUM	3490000.000		UG/L		JA	5969.30	12.00
40993	L	VE40828AE	VE	CALCIUM	4510.0000		UG/L	B	V	5955.50	25.80
40993	L	VE40833AE	VE	CALCIUM	24000.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	CALCIUM	37600.0000		UG/L		V	5951.90	2.80
41293	U	VE40834AE	VE	CALCIUM	28.6000		UG/L		JA	5951.90	2.80
41593	U	VE40707AE	VE	CALCIUM	88500.0000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	CALCIUM	129000.0000		UG/L		V	5953.30	10.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
41793	U	VE40720AE	VE	CALCIUM	129000.0000		UG/L		V	5953.30	10.50
42493	L	VE40709AE	VE	CALCIUM	86500.0000		UG/L		V	5964.56	7.10
42493	L	VE40830AE	VE	CALCIUM	74100.0000		UG/L	B	JA	5964.56	7.10
42893	U	VE40703AE	VE	CALCIUM	39000.0000		UG/L		V	5972.30	5.80
42893	U	VE40843AE	VE	CALCIUM	71600.0000		UG/L	B	JA	5972.30	5.80
43193	U	VE40710AE	VE	CALCIUM	121000.0000		UG/L		V	5959.90	4.50
43193	L	VE40716AE	VE	CALCIUM	502000.0000		UG/L		V	5955.70	8.70
43193	L	VE40719AE	VE	CALCIUM	488000.0000		UG/L		V	5955.70	8.70
43193	L	VE40842AE	VE	CALCIUM	537000.0000		UG/L		JA	5955.70	8.70
43693	U	VE40711AE	VE	CALCIUM	377000.0000		UG/L		V	5964.52	7.90
43693	U	VE40793AE	VE	CALCIUM	327000.0000		UG/L			5964.52	7.90
43693	U	VE40829AE	VE	CALCIUM	354000.0000		UG/L		JA	5964.52	7.90
43793	U	VE40712AE	VE	CALCIUM	23600.0000		UG/L		V	5967.60	4.50
43793	L	VE40723AE	VE	CALCIUM	1000.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	CALCIUM	26100.0000		UG/L	B	JA	5961.30	10.80
44093	U	VE40713AE	VE	CALCIUM	70200.0000		UG/L		V	5963.00	5.60
44393	U	VE40714AE	VE	CALCIUM	40600.0000		UG/L		V	5972.90	4.00
44393	L	VE40715AE	VE	CALCIUM	23900.0000		UG/L	B	V	5969.30	7.60
44393	L	VE40835AE	VE	CALCIUM	19200.0000		UG/L		V	5969.30	7.60
44393	U	VE40838AE	VE	CALCIUM	91700.0000		UG/L	B	JA	5972.90	4.00
44393	L	VE40839AE	VE	CALCIUM	19500.0000		UG/L	B	JA	5969.30	7.60
40393	U	VE40701AE	VE	CESIUM	500.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	CESIUM	500.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40705AE	VE	CESIUM	500.0000		UG/L	U	V	5955.50	25.80
40993	U	VE40827AE	VE	CESIUM	63.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40833AE	VE	CESIUM	27.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	CESIUM	500.0000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	CESIUM	500.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40708AE	VE	CESIUM	500.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40720AE	VE	CESIUM	500.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	CESIUM	500.0000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	CESIUM	27.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	CESIUM	500.0000		UG/L	U	V	5972.30	5.80
42893	U	VE40843AE	VE	CESIUM	75.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	CESIUM	500.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	CESIUM	500.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	CESIUM	500.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40842AE	VE	CESIUM	39.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	CESIUM	500.0000		UG/L	U	V	5964.52	7.90
43693	U	VE40829AE	VE	CESIUM	27.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	CESIUM	500.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40723AE	VE	CESIUM	500.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	CESIUM	27.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	CESIUM	500.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	CESIUM	500.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	CESIUM	500.0000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	CESIUM	27.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	CESIUM	27.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	CHROMIUM	100.0000		UG/L	U	JA	5926.40	5.70
40793	U	VE40704AE	VE	CHROMIUM	50.0000		UG/L	U	JA	5950.20	5.80
40993	L	VE40705AE	VE	CHROMIUM	10200.0000		UG/L		V	5955.50	25.80
40993	L	VE40790AE	VE	CHROMIUM	2100.0000		UG/L			5955.50	25.80
40993	L	VE40807AE	VE	CHROMIUM	2120.0000		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	CHROMIUM	670.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	CHROMIUM	2270.0000		UG/L		JA	5955.50	25.80
40993	L	VE40833AE	VE	CHROMIUM	1340.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	CHROMIUM	20.0000		UG/L	U	JA	5951.90	2.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
41293	U	VE40834AE	VE	CHROMIUM	2.6000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	CHROMIUM	10.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40708AE	VE	CHROMIUM	20.0000		UG/L	U	JA	5953.30	10.50
41793	U	VE40720AE	VE	CHROMIUM	20.0000		UG/L	U	JA	5953.30	10.50
42493	L	VE40709AE	VE	CHROMIUM	10.0000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	CHROMIUM	670.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	CHROMIUM	13.3000		UG/L		V	5972.30	5.80
42893	U	VE40843AE	VE	CHROMIUM	670.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	CHROMIUM	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	CHROMIUM	50.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	CHROMIUM	20.0000		UG/L	U	JA	5955.70	8.70
43193	L	VE40842AE	VE	CHROMIUM	1340.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	CHROMIUM	50.0000		UG/L	U	V	5964.52	7.90
43693	U	VE40793AE	VE	CHROMIUM	10.0000		UG/L	U		5964.52	7.90
43693	U	VE40829AE	VE	CHROMIUM	670.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	CHROMIUM	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40723AE	VE	CHROMIUM	10.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	CHROMIUM	670.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	CHROMIUM	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	CHROMIUM	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	CHROMIUM	50.0000		UG/L	U	JA	5969.30	7.60
44393	L	VE40835AE	VE	CHROMIUM	9.0000		UG/L		JA	5969.30	7.60
44393	U	VE40838AE	VE	CHROMIUM	670.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	CHROMIUM	670.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	COBALT	100.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	COBALT	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40705AE	VE	COBALT	250.0000		UG/L	B	V	5955.50	25.80
40993	L	VE40790AE	VE	COBALT	400.0000		UG/L			5955.50	25.80
40993	L	VE40807AE	VE	COBALT	404.0000		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	COBALT	182.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	COBALT	398.0000		UG/L		V	5955.50	25.80
40993	L	VE40833AE	VE	COBALT	2100.0000		UG/L	B	JA	5955.50	25.80
41293	U	VE40706AE	VE	COBALT	20.0000		UG/L	U	V	5951.90	2.80
41293	U	VE40834AE	VE	COBALT	2.6000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	COBALT	10.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40708AE	VE	COBALT	20.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40720AE	VE	COBALT	20.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	COBALT	10.0000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	COBALT	182.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	COBALT	10.0000		UG/L	U	V	5972.30	5.80
42893	U	VE40843AE	VE	COBALT	182.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	COBALT	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	COBALT	50.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	COBALT	20.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40842AE	VE	COBALT	910.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	COBALT	50.0000		UG/L	U	V	5964.52	7.90
43693	U	VE40793AE	VE	COBALT	30.8000		UG/L	U		5964.52	7.90
43693	U	VE40829AE	VE	COBALT	455.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	COBALT	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40723AE	VE	COBALT	10.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	COBALT	182.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	COBALT	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	COBALT	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	COBALT	50.0000		UG/L	U	V	5969.30	7.60
44393	L	VE40835AE	VE	COBALT	2.6000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	COBALT	182.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	COBALT	182.0000		UG/L	U	JA	5969.30	7.60

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40393	U	VE40701AE	VE	COPPER	100.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	COPPER	50.0000		UG/L	U	V	5950.20	5.80
40793	U	VE40797AE	VE	COPPER	12.4000		UG/L		JA	5950.20	5.80
40993	L	VE40705AE	VE	COPPER	900.0000		UG/L		V	5955.50	25.80
40993	L	VE40790AE	VE	COPPER	416.0000		UG/L			5955.50	25.80
40993	U	VE40791AE	VE	COPPER	64.5000		UG/L	U	V	5969.30	12.00
40993	U	VE40806AE	VE	COPPER	64.5000		UG/L	U	V	5969.30	12.00
40993	L	VE40807AE	VE	COPPER	419.0000		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	COPPER	78.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	COPPER	432.0000		UG/L		V	5955.50	25.80
40993	L	VE40833AE	VE	COPPER	390.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	COPPER	20.0000		UG/L	U	V	5951.90	2.80
41293	U	VE40798AE	VE	COPPER	6.1000		UG/L		JA	5951.90	2.80
41293	U	VE40834AE	VE	COPPER	12.9000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	COPPER	10.0000		UG/L	U	V	5964.93	4.50
41593	U	VE40796AE	VE	COPPER	3.2000		UG/L	U	V	5964.93	4.50
41593	U	VE40816AE	VE	COPPER	64.5000		UG/L	U	V	5964.93	4.50
41793	U	VE40708AE	VE	COPPER	20.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40720AE	VE	COPPER	20.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40786AE	VE	COPPER	12.9000		UG/L	U	V	5953.30	10.50
41793	U	VE40809AE	VE	COPPER	12.9000		UG/L	U	V	5953.30	10.50
41793	U	VE40813AE	VE	COPPER	12.9000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	COPPER	10.0000		UG/L	U	V	5964.56	7.10
42493	L	VE40794AE	VE	COPPER	12.9000		UG/L	U	V	5964.56	7.10
42493	L	VE40805AE	VE	COPPER	12.9000		UG/L	U	V	5964.56	7.10
42493	L	VE40815AE	VE	COPPER	12.9000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	COPPER	78.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	COPPER	10.0000		UG/L	U	V	5972.30	5.80
42893	U	VE40787AE	VE	COPPER	14.7000		UG/L		JA	5972.30	5.80
42893	U	VE40811AE	VE	COPPER	10.0000		UG/L		JA	5972.30	5.80
42893	U	VE40826AE	VE	COPPER	12.9000		UG/L	U	V	5972.30	5.80
42893	U	VE40843AE	VE	COPPER	78.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	COPPER	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	COPPER	50.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	COPPER	20.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40784AE	VE	COPPER	12.9000		UG/L	U	V	5955.70	8.70
43193	U	VE40785AE	VE	COPPER	12.9000		UG/L	U	V	5959.90	4.50
43193	U	VE40802AE	VE	COPPER	12.9000		UG/L	U	V	5959.90	4.50
43193	L	VE40803AE	VE	COPPER	12.9000		UG/L	U	V	5955.70	8.70
43193	U	VE40823AE	VE	COPPER	12.9000		UG/L	U	V	5959.90	4.50
43193	L	VE40824AE	VE	COPPER	12.9000		UG/L	U	V	5955.70	8.70
43193	L	VE40842AE	VE	COPPER	390.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	COPPER	50.0000		UG/L	U	V	5964.52	7.90
43693	U	VE40793AE	VE	COPPER	26.0000		UG/L			5964.52	7.90
43693	U	VE40804AE	VE	COPPER	9.4000		UG/L		JA	5964.52	7.90
43693	U	VE40814AE	VE	COPPER	21.5000		UG/L		V	5964.52	7.90
43693	U	VE40829AE	VE	COPPER	195.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	COPPER	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40723AE	VE	COPPER	10.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40788AE	VE	COPPER	12.9000		UG/L	U	V	5961.30	10.80
43793	U	VE40789AE	VE	COPPER	12.9000		UG/L	U	V	5967.60	4.50
43793	L	VE40808AE	VE	COPPER	12.9000		UG/L	U	V	5961.30	10.80
43793	U	VE40810AE	VE	COPPER	8.2000		UG/L		JA	5967.60	4.50
43793	U	VE40820AE	VE	COPPER	12.9000		UG/L	U	V	5967.60	4.50
43793	L	VE40821AE	VE	COPPER	12.9000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	COPPER	78.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	COPPER	10.0000		UG/L	U	V	5963.00	5.60

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
44093	U	VE40783AE	VE	COPPER	12.9000		UG/L	U	V	5963.00	5.60
44093	U	VE40801AE	VE	COPPER	12.9000		UG/L	U	V	5963.00	5.60
44093	U	VE40822AE	VE	COPPER	12.9000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	COPPER	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	COPPER	50.0000		UG/L	U	V	5969.30	7.60
44393	U	VE40781AE	VE	COPPER	12.9000		UG/L	U	V	5972.90	4.00
44393	L	VE40782AE	VE	COPPER	12.9000		UG/L	U	V	5969.30	7.60
44393	U	VE40799AE	VE	COPPER	12.9000		UG/L	U	V	5972.90	4.00
44393	L	VE40800AE	VE	COPPER	12.9000		UG/L	U	V	5969.30	7.60
44393	U	VE40818AE	VE	COPPER	12.9000		UG/L	U	V	5972.90	4.00
44393	L	VE40819AE	VE	COPPER	12.9000		UG/L	U	V	5969.30	7.60
44393	L	VE40835AE	VE	COPPER	12.9000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	COPPER	78.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	COPPER	82.6000		UG/L	B	JA	5969.30	7.60
40393	U	VE40701AE	VE	IRON	200.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	IRON	100.0000		UG/L	U	V	5950.20	5.80
40793	U	VE40797AE	VE	IRON	84.2000		UG/L		JA	5950.20	5.80
40993	L	VE40705AE	VE	IRON	37400.0000		UG/L		V	5955.50	25.80
40993	L	VE40790AE	VE	IRON	1600.0000		UG/L			5955.50	25.80
40993	U	VE40791AE	VE	IRON	116.0000		UG/L	U	V	5969.30	12.00
40993	U	VE40806AE	VE	IRON	116.0000		UG/L	U	V	5969.30	12.00
40993	L	VE40807AE	VE	IRON	43.0000		UG/L	B		5955.50	25.80
40993	U	VE40827AE	VE	IRON	2300.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	IRON	44.1000		UG/L	U	JA	5955.50	25.80
40993	L	VE40833AE	VE	IRON	4600.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	IRON	110.0000		UG/L	B	V	5951.90	2.80
41293	U	VE40798AE	VE	IRON	56.1000		UG/L		JA	5951.90	2.80
41293	U	VE40834AE	VE	IRON	23.2000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	IRON	9870.0000		UG/L		V	5964.93	4.50
41593	U	VE40796AE	VE	IRON	2470.0000		UG/L		V	5964.93	4.50
41593	U	VE40816AE	VE	IRON	1760.0000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	IRON	40.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40720AE	VE	IRON	40.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40786AE	VE	IRON	23.2000		UG/L	U	V	5953.30	10.50
41793	U	VE40809AE	VE	IRON	64.8000		UG/L		JA	5953.30	10.50
41793	U	VE40813AE	VE	IRON	23.2000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	IRON	1420.0000		UG/L		V	5964.56	7.10
42493	L	VE40794AE	VE	IRON	222.0000		UG/L		V	5964.56	7.10
42493	L	VE40805AE	VE	IRON	53.5000		UG/L		JA	5964.56	7.10
42493	L	VE40815AE	VE	IRON	86.2000		UG/L		JA	5964.56	7.10
42493	L	VE40830AE	VE	IRON	2300.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	IRON	7940.0000		UG/L		V	5972.30	5.80
42893	U	VE40787AE	VE	IRON	139.0000		UG/L		JA	5972.30	5.80
42893	U	VE40811AE	VE	IRON	71.8000		UG/L		JA	5972.30	5.80
42893	U	VE40826AE	VE	IRON	62.8000		UG/L		JA	5972.30	5.80
42893	U	VE40843AE	VE	IRON	2300.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	IRON	20.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	IRON	140.0000		UG/L	B	V	5955.70	8.70
43193	L	VE40719AE	VE	IRON	40.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40784AE	VE	IRON	40.0000		UG/L		JA	5955.70	8.70
43193	U	VE40785AE	VE	IRON	35.1000		UG/L		JA	5959.90	4.50
43193	U	VE40802AE	VE	IRON	36.2000		UG/L		JA	5959.90	4.50
43193	L	VE40803AE	VE	IRON	28.8000		UG/L		JA	5955.70	8.70
43193	U	VE40823AE	VE	IRON	118.0000		UG/L		JA	5959.90	4.50
43193	L	VE40824AE	VE	IRON	31.7000		UG/L		JA	5955.70	8.70
43193	L	VE40842AE	VE	IRON	4600.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	IRON	1200.0000		UG/L		V	5964.52	7.90

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43693	U	VE40793AE	VE	IRON	31.0000		UG/L	B		5964.52	7.90
43693	U	VE40804AE	VE	IRON	53.2000		UG/L		JA	5964.52	7.90
43693	U	VE40814AE	VE	IRON	57.2000		UG/L		JA	5964.52	7.90
43693	U	VE40829AE	VE	IRON	2300.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	IRON	100.0000		UG/L		V	5967.60	4.50
43793	L	VE40723AE	VE	IRON	20.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40788AE	VE	IRON	54.0000		UG/L		JA	5961.30	10.80
43793	U	VE40789AE	VE	IRON	4870.0000		UG/L		V	5967.60	4.50
43793	L	VE40808AE	VE	IRON	64.9000		UG/L		JA	5961.30	10.80
43793	U	VE40810AE	VE	IRON	58.2000		UG/L		JA	5967.60	4.50
43793	U	VE40820AE	VE	IRON	9550.0000		UG/L		V	5967.60	4.50
43793	L	VE40821AE	VE	IRON	71.8000		UG/L		JA	5961.30	10.80
43793	L	VE40837AE	VE	IRON	2300.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	IRON	20.0000		UG/L	U	V	5963.00	5.60
44093	U	VE40783AE	VE	IRON	27.8000		UG/L		JA	5963.00	5.60
44093	U	VE40801AE	VE	IRON	108.0000		UG/L		JA	5963.00	5.60
44093	U	VE40822AE	VE	IRON	62.0000		UG/L		JA	5963.00	5.60
44393	U	VE40714AE	VE	IRON	20.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	IRON	100.0000		UG/L	U	V	5969.30	7.60
44393	U	VE40781AE	VE	IRON	165.0000		UG/L		V	5972.90	4.00
44393	L	VE40782AE	VE	IRON	23.2000		UG/L	U	V	5969.30	7.60
44393	U	VE40799AE	VE	IRON	80.4000		UG/L		JA	5972.90	4.00
44393	L	VE40800AE	VE	IRON	55.6000		UG/L		JA	5969.30	7.60
44393	U	VE40818AE	VE	IRON	90.5000		UG/L		JA	5972.90	4.00
44393	L	VE40819AE	VE	IRON	50.6000		UG/L		JA	5969.30	7.60
44393	L	VE40835AE	VE	IRON	23.2000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	IRON	2300.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	IRON	2300.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	LEAD	4.0000		UG/L	N	JA	5926.40	5.70
40793	U	VE40704AE	VE	LEAD	3.9000		UG/L	MN	JA	5950.20	5.80
40793	U	VE40797AE	VE	LEAD	0.8000		UG/L	U	JA	5950.20	5.80
40993	L	VE40705AE	VE	LEAD	1110.0000		UG/L	S	V	5955.50	25.80
40993	L	VE40790AE	VE	LEAD	10.0000		UG/L	U		5955.50	25.80
40993	U	VE40791AE	VE	LEAD	0.9000		UG/L	U	JA	5969.30	12.00
40993	U	VE40806AE	VE	LEAD	0.9000		UG/L	U	JA	5969.30	12.00
40993	L	VE40807AE	VE	LEAD	5.0000		UG/L	U		5955.50	25.80
40993	U	VE40827AE	VE	LEAD	1.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	LEAD	59.0000		UG/L		JA	5955.50	25.80
40993	L	VE40833AE	VE	LEAD	10.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	LEAD	12.3000		UG/L		V	5951.90	2.80
41293	U	VE40798AE	VE	LEAD	0.8000		UG/L	U	JA	5951.90	2.80
41293	U	VE40834AE	VE	LEAD	36.2000		UG/L		JA	5951.90	2.80
41593	U	VE40707AE	VE	LEAD	10.5000		UG/L		V	5964.93	4.50
41593	U	VE40796AE	VE	LEAD	0.8000		UG/L	U	JA	5964.93	4.50
41593	U	VE40816AE	VE	LEAD	0.8900		UG/L		JA	5964.93	4.50
41793	U	VE40708AE	VE	LEAD	2.1000		UG/L	BWN	JA	5953.30	10.50
41793	U	VE40720AE	VE	LEAD	7.4000		UG/L		V	5953.30	10.50
41793	U	VE40786AE	VE	LEAD	0.9000		UG/L	U	R	5953.30	10.50
41793	U	VE40809AE	VE	LEAD	0.9000		UG/L	U	R	5953.30	10.50
41793	U	VE40813AE	VE	LEAD	0.9000		UG/L	U	JA	5953.30	10.50
42493	L	VE40709AE	VE	LEAD	16.7000		UG/L		V	5964.56	7.10
42493	L	VE40794AE	VE	LEAD	0.9000		UG/L	U	JA	5964.56	7.10
42493	L	VE40805AE	VE	LEAD	0.9000		UG/L	U	JA	5964.56	7.10
42493	L	VE40815AE	VE	LEAD	0.8000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	LEAD	1.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	LEAD	2.5000		UG/L	BWN	JA	5972.30	5.80
42893	U	VE40787AE	VE	LEAD	0.8000		UG/L	U	JA	5972.30	5.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
42893	U	VE40811AE	VE	LEAD	0.8100		UG/L		JA	5972.30	5.80
42893	U	VE40826AE	VE	LEAD	2.2000		UG/L		JA	5972.30	5.80
42893	U	VE40843AE	VE	LEAD	1.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	LEAD	2.0000		UG/L	UN	JA	5959.90	4.50
43193	L	VE40716AE	VE	LEAD	2.0000		UG/L	UN	JA	5955.70	8.70
43193	L	VE40719AE	VE	LEAD	2.0000		UG/L	UN	JA	5955.70	8.70
43193	L	VE40784AE	VE	LEAD	0.9000		UG/L	U	JA	5955.70	8.70
43193	U	VE40785AE	VE	LEAD	2.0000		UG/L		JA	5959.90	4.50
43193	U	VE40802AE	VE	LEAD	0.9000		UG/L	U	JA	5959.90	4.50
43193	L	VE40803AE	VE	LEAD	0.9000		UG/L	U	JA	5955.70	8.70
43193	U	VE40823AE	VE	LEAD	2.0000		UG/L		JA	5959.90	4.50
43193	L	VE40824AE	VE	LEAD	3.8000		UG/L		JA	5955.70	8.70
43193	L	VE40842AE	VE	LEAD	1.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	LEAD	260.0000		UG/L	S	V	5964.52	7.90
43693	U	VE40793AE	VE	LEAD	10.0000		UG/L	U		5964.52	7.90
43693	U	VE40804AE	VE	LEAD	0.8000		UG/L	U	JA	5964.52	7.90
43693	U	VE40814AE	VE	LEAD	1.2000		UG/L		JA	5964.52	7.90
43693	U	VE40829AE	VE	LEAD	10.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	LEAD	14.7000		UG/L		V	5967.60	4.50
43793	L	VE40723AE	VE	LEAD	29.5000		UG/L		V	5961.30	10.80
43793	L	VE40788AE	VE	LEAD	0.9000		UG/L	U	JA	5961.30	10.80
43793	U	VE40789AE	VE	LEAD	0.9000		UG/L	U	JA	5967.60	4.50
43793	L	VE40808AE	VE	LEAD	0.9000		UG/L		JA	5961.30	10.80
43793	U	VE40810AE	VE	LEAD	1.1000		UG/L		JA	5967.60	4.50
43793	U	VE40820AE	VE	LEAD	12.7000		UG/L		V	5967.60	4.50
43793	L	VE40821AE	VE	LEAD	6.0000		UG/L		V	5961.30	10.80
43793	L	VE40837AE	VE	LEAD	1.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	LEAD	2.8000		UG/L	BN	JA	5963.00	5.60
44093	U	VE40783AE	VE	LEAD	0.9000		UG/L	U	JA	5963.00	5.60
44093	U	VE40801AE	VE	LEAD	0.9000		UG/L	U	JA	5963.00	5.60
44093	U	VE40822AE	VE	LEAD	2.4000		UG/L		JA	5963.00	5.60
44393	U	VE40714AE	VE	LEAD	2.0000		UG/L	UN	JA	5972.90	4.00
44393	L	VE40715AE	VE	LEAD	2.0000		UG/L	UWN	JA	5969.30	7.60
44393	U	VE40781AE	VE	LEAD	0.9000		UG/L	U	R	5972.90	4.00
44393	L	VE40782AE	VE	LEAD	0.9000		UG/L	U	JA	5969.30	7.60
44393	U	VE40799AE	VE	LEAD	0.9000		UG/L	U	JA	5972.90	4.00
44393	L	VE40800AE	VE	LEAD	0.9000		UG/L	U	R	5969.30	7.60
44393	U	VE40818AE	VE	LEAD	6.0000		UG/L		V	5972.90	4.00
44393	L	VE40819AE	VE	LEAD	1.7000		UG/L		JA	5969.30	7.60
44393	L	VE40835AE	VE	LEAD	11.0000		UG/L		JA	5969.30	7.60
44393	U	VE40838AE	VE	LEAD	1.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	LEAD	1.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	LITHIUM	110.0000		UG/L	B	V	5926.40	5.70
40793	U	VE40704AE	VE	LITHIUM	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40705AE	VE	LITHIUM	1260.0000		UG/L	B	V	5955.50	25.80
40993	U	VE40827AE	VE	LITHIUM	790.0000		UG/L	B	JA	5969.30	12.00
40993	L	VE40833AE	VE	LITHIUM	3890.0000		UG/L	B	JA	5955.50	25.80
41293	U	VE40706AE	VE	LITHIUM	48.9000		UG/L	B	V	5951.90	2.80
41593	U	VE40707AE	VE	LITHIUM	330.0000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	LITHIUM	28.7000		UG/L	B	V	5953.30	10.50
41793	U	VE40720AE	VE	LITHIUM	23.5000		UG/L	B	V	5953.30	10.50
42493	L	VE40709AE	VE	LITHIUM	60.7000		UG/L	B	V	5964.56	7.10
42493	L	VE40830AE	VE	LITHIUM	430.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	LITHIUM	47.8000		UG/L	B	V	5972.30	5.80
42893	U	VE40843AE	VE	LITHIUM	430.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	LITHIUM	140.0000		UG/L		V	5959.90	4.50
43193	L	VE40716AE	VE	LITHIUM	990.0000		UG/L		V	5955.70	8.70

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43193	L	VE40719AE	VE	LITHIUM	990.0000		UG/L		V	5955.70	8.70
43193	L	VE40842AE	VE	LITHIUM	860.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	LITHIUM	2710.0000		UG/L		V	5964.52	7.90
43693	U	VE40829AE	VE	LITHIUM	6170.0000		UG/L	B	JA	5964.52	7.90
43793	U	VE40712AE	VE	LITHIUM	59.7000		UG/L	B	V	5967.60	4.50
43793	L	VE40723AE	VE	LITHIUM	10.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	LITHIUM	430.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	LITHIUM	35.3000		UG/L	B	V	5963.00	5.60
44393	U	VE40714AE	VE	LITHIUM	31.8000		UG/L	B	V	5972.90	4.00
44393	L	VE40715AE	VE	LITHIUM	50.0000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	LITHIUM	430.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	LITHIUM	430.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	MAGNESIUM	10000.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	MAGNESIUM	5000.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40705AE	VE	MAGNESIUM	25000.0000		UG/L	U	V	5955.50	25.80
40993	L	VE40790AE	VE	MAGNESIUM	187.0000		UG/L	B		5955.50	25.80
40993	L	VE40807AE	VE	MAGNESIUM	260.0000		UG/L	B		5955.50	25.80
40993	U	VE40827AE	VE	MAGNESIUM	101000.0000		UG/L		JA	5969.30	12.00
40993	L	VE40828AE	VE	MAGNESIUM	290.0000		UG/L	U	JA	5955.50	25.80
40993	L	VE40833AE	VE	MAGNESIUM	3510.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	MAGNESIUM	2000.0000		UG/L	U	V	5951.90	2.80
41293	U	VE40834AE	VE	MAGNESIUM	25.3000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	MAGNESIUM	10900.0000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	MAGNESIUM	6430.0000		UG/L	B	V	5953.30	10.50
41793	U	VE40720AE	VE	MAGNESIUM	7170.0000		UG/L	B	V	5953.30	10.50
42493	L	VE40709AE	VE	MAGNESIUM	13400.0000		UG/L		V	5964.56	7.10
42493	L	VE40830AE	VE	MAGNESIUM	12800.0000		UG/L	B	JA	5964.56	7.10
42893	U	VE40703AE	VE	MAGNESIUM	9520.0000		UG/L		V	5972.30	5.80
42893	U	VE40843AE	VE	MAGNESIUM	16700.0000		UG/L	B	JA	5972.30	5.80
43193	U	VE40710AE	VE	MAGNESIUM	28000.0000		UG/L		V	5959.90	4.50
43193	L	VE40716AE	VE	MAGNESIUM	166000.0000		UG/L		V	5955.70	8.70
43193	L	VE40719AE	VE	MAGNESIUM	165000.0000		UG/L		V	5955.70	8.70
43193	L	VE40842AE	VE	MAGNESIUM	167000.0000		UG/L	B	JA	5955.70	8.70
43693	U	VE40711AE	VE	MAGNESIUM	152000.0000		UG/L		V	5964.52	7.90
43693	U	VE40793AE	VE	MAGNESIUM	244000.0000		UG/L			5964.52	7.90
43693	U	VE40829AE	VE	MAGNESIUM	236000.0000		UG/L	B	JA	5964.52	7.90
43793	U	VE40712AE	VE	MAGNESIUM	3130.0000		UG/L	B	V	5967.60	4.50
43793	L	VE40723AE	VE	MAGNESIUM	1000.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	MAGNESIUM	648.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	MAGNESIUM	7630.0000		UG/L		V	5963.00	5.60
44393	U	VE40714AE	VE	MAGNESIUM	11200.0000		UG/L		V	5972.90	4.00
44393	L	VE40715AE	VE	MAGNESIUM	5000.0000		UG/L	U	V	5969.30	7.60
44393	L	VE40835AE	VE	MAGNESIUM	1320.0000		UG/L		V	5969.30	7.60
44393	U	VE40838AE	VE	MAGNESIUM	39400.0000		UG/L	B	JA	5972.90	4.00
44393	L	VE40839AE	VE	MAGNESIUM	1500.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	MANGANESE	100.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	MANGANESE	50.0000		UG/L	U	V	5950.20	5.80
40793	U	VE40797AE	VE	MANGANESE	2.0000		UG/L		JA	5950.20	5.80
40993	L	VE40705AE	VE	MANGANESE	400.0000		UG/L		V	5955.50	25.80
40993	L	VE40790AE	VE	MANGANESE	8.3000		UG/L	B		5955.50	25.80
40993	U	VE40791AE	VE	MANGANESE	41.0000		UG/L		V	5969.30	12.00
40993	U	VE40806AE	VE	MANGANESE	56.8000		UG/L		V	5969.30	12.00
40993	L	VE40807AE	VE	MANGANESE	7.8000		UG/L	B		5955.50	25.80
40993	U	VE40827AE	VE	MANGANESE	180.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	MANGANESE	3.0000		UG/L	U	R	5955.50	25.80
40993	L	VE40833AE	VE	MANGANESE	360.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	MANGANESE	20.0000		UG/L	U	V	5951.90	2.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
41293	U	VE40798AE	VE	MANGANESE	2.0000		UG/L		JA	5951.90	2.80
41293	U	VE40834AE	VE	MANGANESE	0.8000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	MANGANESE	670.0000		UG/L		V	5964.93	4.50
41593	U	VE40796AE	VE	MANGANESE	13000.0000		UG/L		V	5964.93	4.50
41593	U	VE40816AE	VE	MANGANESE	13100.0000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	MANGANESE	20.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40720AE	VE	MANGANESE	20.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40786AE	VE	MANGANESE	8.8000		UG/L		JA	5953.30	10.50
41793	U	VE40809AE	VE	MANGANESE	20.7000		UG/L		V	5953.30	10.50
41793	U	VE40813AE	VE	MANGANESE	18.4000		UG/L		V	5953.30	10.50
42493	L	VE40709AE	VE	MANGANESE	590.0000		UG/L		V	5964.56	7.10
42493	L	VE40794AE	VE	MANGANESE	537.0000		UG/L		V	5964.56	7.10
42493	L	VE40805AE	VE	MANGANESE	491.0000		UG/L		V	5964.56	7.10
42493	L	VE40815AE	VE	MANGANESE	412.0000		UG/L		V	5964.56	7.10
42493	L	VE40830AE	VE	MANGANESE	197.0000		UG/L	B	JA	5964.56	7.10
42893	U	VE40703AE	VE	MANGANESE	350.0000		UG/L		V	5972.30	5.80
42893	U	VE40787AE	VE	MANGANESE	163.0000		UG/L		V	5972.30	5.80
42893	U	VE40811AE	VE	MANGANESE	105.0000		UG/L		V	5972.30	5.80
42893	U	VE40826AE	VE	MANGANESE	64.6000		UG/L		V	5972.30	5.80
42893	U	VE40843AE	VE	MANGANESE	180.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	MANGANESE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	MANGANESE	1300.0000		UG/L		V	5955.70	8.70
43193	L	VE40719AE	VE	MANGANESE	1220.0000		UG/L		V	5955.70	8.70
43193	L	VE40784AE	VE	MANGANESE	1680.0000		UG/L		V	5955.70	8.70
43193	U	VE40785AE	VE	MANGANESE	20.3000		UG/L		V	5959.90	4.50
43193	U	VE40802AE	VE	MANGANESE	13.6000		UG/L		V	5959.90	4.50
43193	L	VE40803AE	VE	MANGANESE	1820.0000		UG/L		V	5955.70	8.70
43193	U	VE40823AE	VE	MANGANESE	7.9000		UG/L		JA	5959.90	4.50
43193	L	VE40824AE	VE	MANGANESE	2120.0000		UG/L		V	5955.70	8.70
43193	L	VE40842AE	VE	MANGANESE	1720.0000		UG/L	B	JA	5955.70	8.70
43693	U	VE40711AE	VE	MANGANESE	1270.0000		UG/L		V	5964.52	7.90
43693	U	VE40793AE	VE	MANGANESE	1160.0000		UG/L			5964.52	7.90
43693	U	VE40804AE	VE	MANGANESE	1010.0000		UG/L		V	5964.52	7.90
43693	U	VE40814AE	VE	MANGANESE	839.0000		UG/L		V	5964.52	7.90
43693	U	VE40829AE	VE	MANGANESE	659.0000		UG/L	B	JA	5964.52	7.90
43793	U	VE40712AE	VE	MANGANESE	22.1000		UG/L		V	5967.60	4.50
43793	L	VE40723AE	VE	MANGANESE	10.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40788AE	VE	MANGANESE	1.3000		UG/L		JA	5961.30	10.80
43793	U	VE40789AE	VE	MANGANESE	910.0000		UG/L		V	5967.60	4.50
43793	L	VE40808AE	VE	MANGANESE	1.6000		UG/L		JA	5961.30	10.80
43793	U	VE40810AE	VE	MANGANESE	1.0000		UG/L		JA	5967.60	4.50
43793	U	VE40820AE	VE	MANGANESE	1580.0000		UG/L		V	5967.60	4.50
43793	L	VE40821AE	VE	MANGANESE	2.8000		UG/L		JA	5961.30	10.80
43793	L	VE40837AE	VE	MANGANESE	180.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	MANGANESE	70.9000		UG/L		V	5963.00	5.60
44093	U	VE40783AE	VE	MANGANESE	0.8000		UG/L		JA	5963.00	5.60
44093	U	VE40801AE	VE	MANGANESE	217.0000		UG/L		V	5963.00	5.60
44093	U	VE40822AE	VE	MANGANESE	283.0000		UG/L		V	5963.00	5.60
44393	U	VE40714AE	VE	MANGANESE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	MANGANESE	50.0000		UG/L	U	V	5969.30	7.60
44393	U	VE40781AE	VE	MANGANESE	3.6000		UG/L		JA	5972.90	4.00
44393	L	VE40782AE	VE	MANGANESE	176.0000		UG/L		V	5969.30	7.60
44393	U	VE40799AE	VE	MANGANESE	3.4000		UG/L		JA	5972.90	4.00
44393	L	VE40800AE	VE	MANGANESE	1.1000		UG/L		JA	5969.30	7.60
44393	U	VE40818AE	VE	MANGANESE	22.4000		UG/L		V	5972.90	4.00
44393	L	VE40819AE	VE	MANGANESE	2.4000		UG/L		JA	5969.30	7.60
44393	L	VE40835AE	VE	MANGANESE	0.9300		UG/L		JA	5969.30	7.60

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
44393	U	VE40838AE	VE	MANGANESE	180.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	MANGANESE	180.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	MERCURY	0.2000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	MERCURY	0.2000		UG/L	U	V	5950.20	5.80
40793	U	VE40797AE	VE	MERCURY	0.2000		UG/L	U	V	5950.20	5.80
40993	L	VE40705AE	VE	MERCURY	0.2000		UG/L	U	V	5955.50	25.80
40993	L	VE40790AE	VE	MERCURY	0.2400		UG/L			5955.50	25.80
40993	U	VE40791AE	VE	MERCURY	0.2000		UG/L	U	V	5969.30	12.00
40993	U	VE40806AE	VE	MERCURY	0.2000		UG/L	U	V	5969.30	12.00
40993	L	VE40807AE	VE	MERCURY	0.2900		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	MERCURY	0.1000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	MERCURY	0.1300		UG/L	B	JA	5955.50	25.80
40993	L	VE40833AE	VE	MERCURY	0.1000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	MERCURY	0.2000		UG/L	U	V	5951.90	2.80
41293	U	VE40798AE	VE	MERCURY	0.2000		UG/L	U	V	5951.90	2.80
41293	U	VE40834AE	VE	MERCURY	0.2000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	MERCURY	0.2000		UG/L	U	V	5964.93	4.50
41593	U	VE40796AE	VE	MERCURY	0.2000		UG/L	U	V	5964.93	4.50
41593	U	VE40816AE	VE	MERCURY	0.2000		UG/L	U	V	5964.93	4.50
41793	U	VE40708AE	VE	MERCURY	0.2000		UG/L	U	V	5953.30	10.50
41793	U	VE40720AE	VE	MERCURY	0.2000		UG/L	U	V	5953.30	10.50
41793	U	VE40786AE	VE	MERCURY	0.2000		UG/L	U	V	5953.30	10.50
41793	U	VE40809AE	VE	MERCURY	0.2000		UG/L	U	V	5953.30	10.50
41793	U	VE40813AE	VE	MERCURY	0.2000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	MERCURY	0.2000		UG/L	U	V	5964.56	7.10
42493	L	VE40794AE	VE	MERCURY	0.2000		UG/L	U	V	5964.56	7.10
42493	L	VE40805AE	VE	MERCURY	0.2000		UG/L	U	V	5964.56	7.10
42493	L	VE40815AE	VE	MERCURY	0.2000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	MERCURY	0.1000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	MERCURY	0.2000		UG/L	U	V	5972.30	5.80
42893	U	VE40787AE	VE	MERCURY	0.2000		UG/L	U	V	5972.30	5.80
42893	U	VE40811AE	VE	MERCURY	0.2000		UG/L	U	V	5972.30	5.80
42893	U	VE40826AE	VE	MERCURY	0.2000		UG/L	U	V	5972.30	5.80
42893	U	VE40843AE	VE	MERCURY	0.1000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	MERCURY	0.2000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	MERCURY	0.2000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	MERCURY	0.2000		UG/L	U	V	5955.70	8.70
43193	L	VE40784AE	VE	MERCURY	0.2000		UG/L	U	V	5955.70	8.70
43193	U	VE40785AE	VE	MERCURY	0.2000		UG/L	U	V	5959.90	4.50
43193	U	VE40802AE	VE	MERCURY	0.2000		UG/L	U	V	5959.90	4.50
43193	L	VE40803AE	VE	MERCURY	0.2000		UG/L	U	V	5955.70	8.70
43193	U	VE40823AE	VE	MERCURY	0.2000		UG/L	U	V	5959.90	4.50
43193	L	VE40824AE	VE	MERCURY	0.2000		UG/L	U	V	5955.70	8.70
43193	L	VE40842AE	VE	MERCURY	0.1000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	MERCURY	0.2000		UG/L	U	V	5964.52	7.90
43693	U	VE40793AE	VE	MERCURY	0.1100		UG/L	B		5964.52	7.90
43693	U	VE40804AE	VE	MERCURY	0.2000		UG/L	U	V	5964.52	7.90
43693	U	VE40814AE	VE	MERCURY	0.2000		UG/L	U	V	5964.52	7.90
43693	U	VE40829AE	VE	MERCURY	0.1000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	MERCURY	0.2000		UG/L	U	V	5967.60	4.50
43793	L	VE40723AE	VE	MERCURY	0.2000		UG/L	U	V	5961.30	10.80
43793	L	VE40788AE	VE	MERCURY	0.2000		UG/L	U	V	5961.30	10.80
43793	U	VE40789AE	VE	MERCURY	0.2000		UG/L	U	V	5967.60	4.50
43793	L	VE40808AE	VE	MERCURY	0.2000		UG/L	U	V	5961.30	10.80
43793	U	VE40810AE	VE	MERCURY	0.2000		UG/L	U	V	5967.60	4.50
43793	U	VE40820AE	VE	MERCURY	0.2000		UG/L	U	V	5967.60	4.50
43793	L	VE40821AE	VE	MERCURY	0.2000		UG/L	U	V	5961.30	10.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43793	L	VE40837AE	VE	MERCURY	0.1000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	MERCURY	0.2000		UG/L	U	V	5963.00	5.60
44093	U	VE40783AE	VE	MERCURY	0.2000		UG/L	U	V	5963.00	5.60
44093	U	VE40801AE	VE	MERCURY	0.2000		UG/L	U	V	5963.00	5.60
44093	U	VE40822AE	VE	MERCURY	0.2000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	MERCURY	0.2000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	MERCURY	0.2000		UG/L	U	V	5969.30	7.60
44393	U	VE40781AE	VE	MERCURY	0.2000		UG/L	U	V	5972.90	4.00
44393	L	VE40782AE	VE	MERCURY	0.2000		UG/L	U	V	5969.30	7.60
44393	U	VE40799AE	VE	MERCURY	0.2000		UG/L	U	V	5972.90	4.00
44393	L	VE40800AE	VE	MERCURY	0.2000		UG/L	U	V	5969.30	7.60
44393	U	VE40818AE	VE	MERCURY	0.2000		UG/L	U	V	5972.90	4.00
44393	L	VE40819AE	VE	MERCURY	0.2000		UG/L	U	V	5969.30	7.60
44393	L	VE40835AE	VE	MERCURY	0.2000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	MERCURY	0.1000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	MERCURY	0.1000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	MOLYBDENUM	200.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	MOLYBDENUM	100.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40705AE	VE	MOLYBDENUM	2360.0000		UG/L	B	V	5955.50	25.80
40993	U	VE40827AE	VE	MOLYBDENUM	410.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40833AE	VE	MOLYBDENUM	3660.0000		UG/L	B	JA	5955.50	25.80
41293	U	VE40706AE	VE	MOLYBDENUM	53.7000		UG/L	B	V	5951.90	2.80
41593	U	VE40707AE	VE	MOLYBDENUM	25.5000		UG/L	B	V	5964.93	4.50
41793	U	VE40708AE	VE	MOLYBDENUM	180.0000		UG/L	B	V	5953.30	10.50
41793	U	VE40720AE	VE	MOLYBDENUM	170.0000		UG/L	B	V	5953.30	10.50
42493	L	VE40709AE	VE	MOLYBDENUM	110.0000		UG/L	B	V	5964.56	7.10
42493	L	VE40830AE	VE	MOLYBDENUM	410.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	MOLYBDENUM	120.0000		UG/L	B	V	5972.30	5.80
42893	U	VE40843AE	VE	MOLYBDENUM	410.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	MOLYBDENUM	100.0000		UG/L	B	V	5959.90	4.50
43193	L	VE40716AE	VE	MOLYBDENUM	100.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	MOLYBDENUM	40.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40842AE	VE	MOLYBDENUM	820.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	MOLYBDENUM	210.0000		UG/L	B	V	5964.52	7.90
43693	U	VE40829AE	VE	MOLYBDENUM	410.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	MOLYBDENUM	270.0000		UG/L		V	5967.60	4.50
43793	L	VE40723AE	VE	MOLYBDENUM	20.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	MOLYBDENUM	410.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	MOLYBDENUM	43.8000		UG/L	B	V	5963.00	5.60
44393	U	VE40714AE	VE	MOLYBDENUM	140.0000		UG/L	B	V	5972.90	4.00
44393	L	VE40715AE	VE	MOLYBDENUM	200.0000		UG/L	B	V	5969.30	7.60
44393	U	VE40838AE	VE	MOLYBDENUM	410.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	MOLYBDENUM	410.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	NICKEL	200.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	NICKEL	100.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40705AE	VE	NICKEL	6460.0000		UG/L		V	5955.50	25.80
40993	L	VE40790AE	VE	NICKEL	863.0000		UG/L			5955.50	25.80
40993	L	VE40807AE	VE	NICKEL	544.0000		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	NICKEL	172.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	NICKEL	755.0000		UG/L		V	5955.50	25.80
40993	L	VE40833AE	VE	NICKEL	860.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	NICKEL	40.0000		UG/L	U	V	5951.90	2.80
41293	U	VE40834AE	VE	NICKEL	12.4000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	NICKEL	190.0000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	NICKEL	40.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40720AE	VE	NICKEL	40.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	NICKEL	84.8000		UG/L		JA	5964.56	7.10

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
42493	L	VE40830AE	VE	NICKEL	172.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	NICKEL	88.6000		UG/L		JA	5972.30	5.80
42893	U	VE40843AE	VE	NICKEL	172.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	NICKEL	20.0000		UG/L	U	JA	5959.90	4.50
43193	L	VE40716AE	VE	NICKEL	100.0000		UG/L	B	V	5955.70	8.70
43193	L	VE40719AE	VE	NICKEL	49.7000		UG/L	B	V	5955.70	8.70
43193	L	VE40842AE	VE	NICKEL	860.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	NICKEL	170.0000		UG/L	B	JA	5964.52	7.90
43693	U	VE40793AE	VE	NICKEL	152.0000		UG/L			5964.52	7.90
43693	U	VE40829AE	VE	NICKEL	430.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	NICKEL	37.8000		UG/L	B	JA	5967.60	4.50
43793	L	VE40723AE	VE	NICKEL	20.0000		UG/L	U	JA	5961.30	10.80
43793	L	VE40837AE	VE	NICKEL	172.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	NICKEL	20.0000		UG/L	U	JA	5963.00	5.60
44393	U	VE40714AE	VE	NICKEL	20.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40715AE	VE	NICKEL	100.0000		UG/L	U	V	5969.30	7.60
44393	L	VE40835AE	VE	NICKEL	12.4000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	NICKEL	172.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	NICKEL	172.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	POTASSIUM	25500.0000		UG/L	B	V	5926.40	5.70
40793	U	VE40704AE	VE	POTASSIUM	7100.0000		UG/L	B	V	5950.20	5.80
40993	L	VE40705AE	VE	POTASSIUM	2770000.000		UG/L		V	5955.50	25.80
40993	L	VE40790AE	VE	POTASSIUM	12000000.00		UG/L			5955.50	25.80
40993	L	VE40807AE	VE	POTASSIUM	9680000.000		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	POTASSIUM	313000.0000		UG/L	B	JA	5969.30	12.00
40993	L	VE40828AE	VE	POTASSIUM	9520000.000		UG/L		V	5955.50	25.80
40993	L	VE40833AE	VE	POTASSIUM	11400000.00		UG/L		JA	5955.50	25.80
41293	U	VE40706AE	VE	POTASSIUM	18700.0000		UG/L		V	5951.90	2.80
41293	U	VE40834AE	VE	POTASSIUM	838.0000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	POTASSIUM	154000.0000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	POTASSIUM	16100.0000		UG/L		V	5953.30	10.50
41793	U	VE40720AE	VE	POTASSIUM	19500.0000		UG/L		V	5953.30	10.50
42493	L	VE40709AE	VE	POTASSIUM	6590.0000		UG/L		V	5964.56	7.10
42493	L	VE40830AE	VE	POTASSIUM	99600.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	POTASSIUM	4110.0000		UG/L	B	V	5972.30	5.80
42893	U	VE40843AE	VE	POTASSIUM	99600.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	POTASSIUM	43700.0000		UG/L		V	5959.90	4.50
43193	L	VE40716AE	VE	POTASSIUM	238000.0000		UG/L		V	5955.70	8.70
43193	L	VE40719AE	VE	POTASSIUM	248000.0000		UG/L		V	5955.70	8.70
43193	L	VE40842AE	VE	POTASSIUM	564000.0000		UG/L	B	JA	5955.70	8.70
43693	U	VE40711AE	VE	POTASSIUM	566000.0000		UG/L		V	5964.52	7.90
43693	U	VE40793AE	VE	POTASSIUM	2220000.000		UG/L			5964.52	7.90
43693	U	VE40829AE	VE	POTASSIUM	2160000.000		UG/L		JA	5964.52	7.90
43793	U	VE40712AE	VE	POTASSIUM	24200.0000		UG/L		V	5967.60	4.50
43793	L	VE40723AE	VE	POTASSIUM	1000.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	POTASSIUM	209000.0000		UG/L	B	JA	5961.30	10.80
44093	U	VE40713AE	VE	POTASSIUM	4500.0000		UG/L	B	V	5963.00	5.60
44393	U	VE40714AE	VE	POTASSIUM	3240.0000		UG/L	B	V	5972.90	4.00
44393	L	VE40715AE	VE	POTASSIUM	9050.0000		UG/L	B	V	5969.30	7.60
44393	L	VE40835AE	VE	POTASSIUM	6170.0000		UG/L		V	5969.30	7.60
44393	U	VE40838AE	VE	POTASSIUM	99600.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	POTASSIUM	99600.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	SELENIUM	2.9000		UG/L	BW	JA	5926.40	5.70
40793	U	VE40704AE	VE	SELENIUM	2.1000		UG/L	B	V	5950.20	5.80
40993	L	VE40705AE	VE	SELENIUM	18.7000		UG/L	BSN	JA	5955.50	25.80
40993	L	VE40790AE	VE	SELENIUM	39.0000		UG/L	B		5955.50	25.80
40993	L	VE40807AE	VE	SELENIUM	40.0000		UG/L	U		5955.50	25.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40993	U	VE40827AE	VE	SELENIUM	5.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40833AE	VE	SELENIUM	10.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	SELENIUM	2.0000		UG/L	UN	V	5951.90	2.80
41293	U	VE40834AE	VE	SELENIUM	1.1000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	SELENIUM	2.7000		UG/L	BN	JA	5964.93	4.50
41793	U	VE40708AE	VE	SELENIUM	4.2000		UG/L	B	V	5953.30	10.50
41793	U	VE40720AE	VE	SELENIUM	4.0000		UG/L	UWN	JA	5953.30	10.50
42493	L	VE40709AE	VE	SELENIUM	5.4000		UG/L	BWN	JA	5964.56	7.10
42493	L	VE40830AE	VE	SELENIUM	5.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	SELENIUM	2.2000		UG/L	BW	JA	5972.30	5.80
42893	U	VE40843AE	VE	SELENIUM	1.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	SELENIUM	4.7000		UG/L	B	V	5959.90	4.50
43193	L	VE40716AE	VE	SELENIUM	2.0000		UG/L	UW	JA	5955.70	8.70
43193	L	VE40719AE	VE	SELENIUM	2.0000		UG/L	UW	JA	5955.70	8.70
43193	L	VE40842AE	VE	SELENIUM	1.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	SELENIUM	3.0000		UG/L	BN	JA	5964.52	7.90
43693	U	VE40793AE	VE	SELENIUM	20.0000		UG/L	U		5964.52	7.90
43693	U	VE40829AE	VE	SELENIUM	5.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	SELENIUM	4.0000		UG/L	UN	V	5967.60	4.50
43793	L	VE40723AE	VE	SELENIUM	4.0000		UG/L	UN	V	5961.30	10.80
43793	L	VE40837AE	VE	SELENIUM	5.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	SELENIUM	2.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	SELENIUM	3.2000		UG/L	BW	JA	5972.90	4.00
44393	L	VE40715AE	VE	SELENIUM	11.8000		UG/L	S	V	5969.30	7.60
44393	L	VE40835AE	VE	SELENIUM	5.5000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	SELENIUM	1.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	SELENIUM	5.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	SILICON	246000.0000		UG/L		V	5926.40	5.70
40793	U	VE40704AE	VE	SILICON	109000.0000		UG/L		V	5950.20	5.80
40993	L	VE40705AE	VE	SILICON	117000.0000		UG/L		V	5955.50	25.80
40993	U	VE40827AE	VE	SILICON	49700.0000		UG/L		JA	5969.30	12.00
40993	L	VE40833AE	VE	SILICON	45700.0000		UG/L		JA	5955.50	25.80
41293	U	VE40706AE	VE	SILICON	42900.0000		UG/L		V	5951.90	2.80
41593	U	VE40707AE	VE	SILICON	32100.0000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	SILICON	48800.0000		UG/L		V	5953.30	10.50
41793	U	VE40720AE	VE	SILICON	49300.0000		UG/L		V	5953.30	10.50
42493	L	VE40709AE	VE	SILICON	25300.0000		UG/L		V	5964.56	7.10
42493	L	VE40830AE	VE	SILICON	33800.0000		UG/L		JA	5964.56	7.10
42893	U	VE40703AE	VE	SILICON	31800.0000		UG/L		V	5972.30	5.80
42893	U	VE40843AE	VE	SILICON	46100.0000		UG/L		JA	5972.30	5.80
43193	U	VE40710AE	VE	SILICON	29500.0000		UG/L		V	5959.90	4.50
43193	L	VE40716AE	VE	SILICON	12000.0000		UG/L		V	5955.70	8.70
43193	L	VE40719AE	VE	SILICON	11300.0000		UG/L		V	5955.70	8.70
43193	L	VE40842AE	VE	SILICON	28800.0000		UG/L		JA	5955.70	8.70
43693	U	VE40711AE	VE	SILICON	27500.0000		UG/L		V	5964.52	7.90
43693	U	VE40829AE	VE	SILICON	48300.0000		UG/L		JA	5964.52	7.90
43793	U	VE40712AE	VE	SILICON	40600.0000		UG/L		V	5967.60	4.50
43793	L	VE40723AE	VE	SILICON	100.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	SILICON	288000.0000		UG/L		JA	5961.30	10.80
44093	U	VE40713AE	VE	SILICON	38700.0000		UG/L		V	5963.00	5.60
44393	U	VE40714AE	VE	SILICON	46500.0000		UG/L		V	5972.90	4.00
44393	L	VE40715AE	VE	SILICON	189000.0000		UG/L		V	5969.30	7.60
44393	U	VE40838AE	VE	SILICON	56000.0000		UG/L		JA	5972.90	4.00
44393	L	VE40839AE	VE	SILICON	123000.0000		UG/L		JA	5969.30	7.60
40393	U	VE40701AE	VE	SILVER	100.0000		UG/L	UN	JA	5926.40	5.70
40793	U	VE40704AE	VE	SILVER	50.0000		UG/L	UN	JA	5950.20	5.80
40793	U	VE40797AE	VE	SILVER	6.2000		UG/L		JA	5950.20	5.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40993	L	VE40705AE	VE	SILVER	250.0000		UG/L	U	JA	5955.50	25.80
40993	L	VE40790AE	VE	SILVER	10.0000		UG/L	U		5955.50	25.80
40993	U	VE40791AE	VE	SILVER	16.0000		UG/L	U	JA	5969.30	12.00
40993	U	VE40806AE	VE	SILVER	16.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40807AE	VE	SILVER	10.0000		UG/L	U		5955.50	25.80
40993	U	VE40827AE	VE	SILVER	92.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40833AE	VE	SILVER	460.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	SILVER	20.0000		UG/L	U	JA	5951.90	2.80
41293	U	VE40798AE	VE	SILVER	18.5000		UG/L		JA	5951.90	2.80
41293	U	VE40834AE	VE	SILVER	3.2000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	SILVER	10.5000		UG/L		V	5964.93	4.50
41593	U	VE40796AE	VE	SILVER	12.6000		UG/L		JA	5964.93	4.50
41593	U	VE40816AE	VE	SILVER	16.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40708AE	VE	SILVER	20.0000		UG/L	UN	JA	5953.30	10.50
41793	U	VE40720AE	VE	SILVER	20.0000		UG/L	U	JA	5953.30	10.50
41793	U	VE40786AE	VE	SILVER	3.2000		UG/L	U	V	5953.30	10.50
41793	U	VE40809AE	VE	SILVER	3.2000		UG/L	U	V	5953.30	10.50
41793	U	VE40813AE	VE	SILVER	3.2000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	SILVER	10.0000		UG/L	U	V	5964.56	7.10
42493	L	VE40794AE	VE	SILVER	3.2000		UG/L	U	V	5964.56	7.10
42493	L	VE40805AE	VE	SILVER	3.9000		UG/L		V	5964.56	7.10
42493	L	VE40815AE	VE	SILVER	3.2000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	SILVER	92.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	SILVER	10.0000		UG/L	UN	V	5972.30	5.80
42893	U	VE40787AE	VE	SILVER	20.5000		UG/L		V	5972.30	5.80
42893	U	VE40811AE	VE	SILVER	6.4000		UG/L		JA	5972.30	5.80
42893	U	VE40826AE	VE	SILVER	6.5000		UG/L		JA	5972.30	5.80
42893	U	VE40843AE	VE	SILVER	92.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	SILVER	10.0000		UG/L	UN	V	5959.90	4.50
43193	L	VE40716AE	VE	SILVER	50.0000		UG/L	UN	V	5955.70	8.70
43193	L	VE40719AE	VE	SILVER	20.0000		UG/L	UN	JA	5955.70	8.70
43193	L	VE40784AE	VE	SILVER	3.2000		UG/L	U	JA	5955.70	8.70
43193	U	VE40785AE	VE	SILVER	3.2000		UG/L	U	V	5959.90	4.50
43193	U	VE40802AE	VE	SILVER	3.2000		UG/L	U	V	5959.90	4.50
43193	L	VE40803AE	VE	SILVER	3.2000		UG/L	U	JA	5955.70	8.70
43193	U	VE40823AE	VE	SILVER	3.2000		UG/L	U	JA	5959.90	4.50
43193	L	VE40824AE	VE	SILVER	3.2000		UG/L	U	V	5955.70	8.70
43193	L	VE40842AE	VE	SILVER	460.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	SILVER	50.0000		UG/L	U	V	5964.52	7.90
43693	U	VE40793AE	VE	SILVER	10.0000		UG/L	U		5964.52	7.90
43693	U	VE40804AE	VE	SILVER	8.7000		UG/L		V	5964.52	7.90
43693	U	VE40814AE	VE	SILVER	6.3000		UG/L		JA	5964.52	7.90
43693	U	VE40829AE	VE	SILVER	230.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	SILVER	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40723AE	VE	SILVER	10.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40788AE	VE	SILVER	10.8000		UG/L		V	5961.30	10.80
43793	U	VE40789AE	VE	SILVER	13.1000		UG/L		V	5967.60	4.50
43793	L	VE40808AE	VE	SILVER	4.1000		UG/L		V	5961.30	10.80
43793	U	VE40810AE	VE	SILVER	3.8000		UG/L	U	V	5967.60	4.50
43793	U	VE40820AE	VE	SILVER	7.8000		UG/L		JA	5967.60	4.50
43793	L	VE40821AE	VE	SILVER	3.2000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	SILVER	92.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	SILVER	10.0000		UG/L	UN	V	5963.00	5.60
44093	U	VE40783AE	VE	SILVER	18.2000		UG/L		V	5963.00	5.60
44093	U	VE40801AE	VE	SILVER	3.2000		UG/L	U	V	5963.00	5.60
44093	U	VE40822AE	VE	SILVER	14.6000		UG/L		JA	5963.00	5.60
44393	U	VE40714AE	VE	SILVER	10.0000		UG/L	UN	V	5972.90	4.00

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
44393	L	VE40715AE	VE	SILVER	50.0000		UG/L	UN	JA	5969.30	7.60
44393	U	VE40781AE	VE	SILVER	3.2000		UG/L	U	V	5972.90	4.00
44393	L	VE40782AE	VE	SILVER	3.2000		UG/L	U	V	5969.30	7.60
44393	U	VE40799AE	VE	SILVER	3.2000		UG/L	U	V	5972.90	4.00
44393	L	VE40800AE	VE	SILVER	3.2000		UG/L	U	V	5969.30	7.60
44393	U	VE40818AE	VE	SILVER	3.2000		UG/L	U	V	5972.90	4.00
44393	L	VE40819AE	VE	SILVER	5.6000		UG/L		JA	5969.30	7.60
44393	L	VE40835AE	VE	SILVER	3.2000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	SILVER	92.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	SILVER	92.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	SODIUM	326000.0000		UG/L		V	5926.40	5.70
40793	U	VE40704AE	VE	SODIUM	101000.0000		UG/L		V	5950.20	5.80
40993	L	VE40705AE	VE	SODIUM	9740000.000		UG/L		V	5955.50	25.80
40993	L	VE40790AE	VE	SODIUM	357000.0000		UG/L			5955.50	25.80
40993	L	VE40807AE	VE	SODIUM	30800000.00		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	SODIUM	4900000.000		UG/L		JA	5969.30	12.00
40993	L	VE40828AE	VE	SODIUM	30800000.00		UG/L		V	5955.50	25.80
40993	L	VE40833AE	VE	SODIUM	24000000.00		UG/L		JA	5955.50	25.80
41293	U	VE40706AE	VE	SODIUM	113000.0000		UG/L		V	5951.90	2.80
41293	U	VE40834AE	VE	SODIUM	140.0000		UG/L		JA	5951.90	2.80
41593	U	VE40707AE	VE	SODIUM	428000.0000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	SODIUM	198000.0000		UG/L		V	5953.30	10.50
41793	U	VE40720AE	VE	SODIUM	198000.0000		UG/L		V	5953.30	10.50
42493	L	VE40709AE	VE	SODIUM	260000.0000		UG/L		V	5964.56	7.10
42493	L	VE40830AE	VE	SODIUM	487000.0000		UG/L	B	JA	5964.56	7.10
42893	U	VE40703AE	VE	SODIUM	301000.0000		UG/L		V	5972.30	5.80
42893	U	VE40843AE	VE	SODIUM	581000.0000		UG/L		JA	5972.30	5.80
43193	U	VE40710AE	VE	SODIUM	540000.0000		UG/L		V	5959.90	4.50
43193	L	VE40716AE	VE	SODIUM	1440000.000		UG/L		V	5955.70	8.70
43193	L	VE40719AE	VE	SODIUM	1400000.000		UG/L		V	5955.70	8.70
43193	L	VE40842AE	VE	SODIUM	1390000.000		UG/L		JA	5955.70	8.70
43693	U	VE40711AE	VE	SODIUM	3030000.000		UG/L		V	5964.52	7.90
43693	U	VE40793AE	VE	SODIUM	7690000.000		UG/L			5964.52	7.90
43693	U	VE40829AE	VE	SODIUM	7900000.000		UG/L		JA	5964.52	7.90
43793	U	VE40712AE	VE	SODIUM	232000.0000		UG/L		V	5967.60	4.50
43793	L	VE40723AE	VE	SODIUM	1000.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	SODIUM	552000.0000		UG/L		JA	5961.30	10.80
44093	U	VE40713AE	VE	SODIUM	56700.0000		UG/L		V	5963.00	5.60
44393	U	VE40714AE	VE	SODIUM	118000.0000		UG/L		V	5972.90	4.00
44393	L	VE40715AE	VE	SODIUM	238000.0000		UG/L		V	5969.30	7.60
44393	L	VE40835AE	VE	SODIUM	187000.0000		UG/L		V	5969.30	7.60
44393	U	VE40838AE	VE	SODIUM	194000.0000		UG/L	B	JA	5972.90	4.00
44393	L	VE40839AE	VE	SODIUM	226000.0000		UG/L	B	JA	5969.30	7.60
40393	U	VE40701AE	VE	STRONTIUM	1530.0000		UG/L	B	V	5926.40	5.70
40793	U	VE40704AE	VE	STRONTIUM	360.0000		UG/L	B	V	5950.20	5.80
40993	L	VE40705AE	VE	STRONTIUM	1500.0000		UG/L	B	V	5955.50	25.80
40993	U	VE40827AE	VE	STRONTIUM	20100.0000		UG/L		JA	5969.30	12.00
40993	L	VE40833AE	VE	STRONTIUM	214.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	STRONTIUM	880.0000		UG/L		V	5951.90	2.80
41593	U	VE40707AE	VE	STRONTIUM	840.0000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	STRONTIUM	1030.0000		UG/L		V	5953.30	10.50
41793	U	VE40720AE	VE	STRONTIUM	980.0000		UG/L		V	5953.30	10.50
42493	L	VE40709AE	VE	STRONTIUM	580.0000		UG/L		V	5964.56	7.10
42493	L	VE40830AE	VE	STRONTIUM	470.0000		UG/L	B	JA	5964.56	7.10
42893	U	VE40703AE	VE	STRONTIUM	440.0000		UG/L		V	5972.30	5.80
42893	U	VE40843AE	VE	STRONTIUM	685.0000		UG/L	B	JA	5972.30	5.80
43193	U	VE40710AE	VE	STRONTIUM	1020.0000		UG/L		V	5959.90	4.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43193	L	VE40716AE	VE	STRONTIUM	4570.0000		UG/L		V	5955.70	8.70
43193	L	VE40719AE	VE	STRONTIUM	5010.0000		UG/L		V	5955.70	8.70
43193	L	VE40842AE	VE	STRONTIUM	5180.0000		UG/L	B	JA	5955.70	8.70
43693	U	VE40711AE	VE	STRONTIUM	4990.0000		UG/L		V	5964.52	7.90
43693	U	VE40829AE	VE	STRONTIUM	9990.0000		UG/L	B	JA	5964.52	7.90
43793	U	VE40712AE	VE	STRONTIUM	190.0000		UG/L	B	V	5967.60	4.50
43793	L	VE40723AE	VE	STRONTIUM	5.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	STRONTIUM	826.0000		UG/L	B	JA	5961.30	10.80
44093	U	VE40713AE	VE	STRONTIUM	650.0000		UG/L		V	5963.00	5.60
44393	U	VE40714AE	VE	STRONTIUM	660.0000		UG/L		V	5972.90	4.00
44393	L	VE40715AE	VE	STRONTIUM	1210.0000		UG/L		V	5969.30	7.60
44393	U	VE40838AE	VE	STRONTIUM	1290.0000		UG/L	B	JA	5972.90	4.00
44393	L	VE40839AE	VE	STRONTIUM	581.0000		UG/L	B	JA	5969.30	7.60
40393	U	VE40701AE	VE	THALLIUM	2.0000		UG/L	UW	JA	5926.40	5.70
40793	U	VE40704AE	VE	THALLIUM	2.0000		UG/L	UW	JA	5950.20	5.80
40993	L	VE40705AE	VE	THALLIUM	4.0000		UG/L	UW	JA	5955.50	25.80
40993	L	VE40790AE	VE	THALLIUM	93.2000		UG/L			5955.50	25.80
40993	L	VE40807AE	VE	THALLIUM	7.6000		UG/L	B		5955.50	25.80
40993	U	VE40827AE	VE	THALLIUM	5.0000		UG/L	U	R	5969.30	12.00
40993	L	VE40833AE	VE	THALLIUM	5.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	THALLIUM	2.0000		UG/L	U	V	5951.90	2.80
41293	U	VE40834AE	VE	THALLIUM	1.3000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	THALLIUM	2.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40708AE	VE	THALLIUM	2.0000		UG/L	UW	JA	5953.30	10.50
41793	U	VE40720AE	VE	THALLIUM	2.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	THALLIUM	2.0000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	THALLIUM	1.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	THALLIUM	2.0000		UG/L	UW	JA	5972.30	5.80
42893	U	VE40843AE	VE	THALLIUM	1.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	THALLIUM	2.0000		UG/L	UW	JA	5959.90	4.50
43193	L	VE40716AE	VE	THALLIUM	89.1000		UG/L		V	5955.70	8.70
43193	L	VE40719AE	VE	THALLIUM	2.0000		UG/L	UW	JA	5955.70	8.70
43193	L	VE40842AE	VE	THALLIUM	5.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	THALLIUM	2.0000		UG/L	UW	V	5964.52	7.90
43693	U	VE40793AE	VE	THALLIUM	5.0000		UG/L	U		5964.52	7.90
43693	U	VE40829AE	VE	THALLIUM	5.0000		UG/L	U	R	5964.52	7.90
43793	U	VE40712AE	VE	THALLIUM	2.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40723AE	VE	THALLIUM	2.0000		UG/L	UW	JA	5961.30	10.80
43793	L	VE40837AE	VE	THALLIUM	1.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	THALLIUM	2.0000		UG/L	U	JA	5963.00	5.60
44393	U	VE40714AE	VE	THALLIUM	2.0000		UG/L	UW	JA	5972.90	4.00
44393	L	VE40715AE	VE	THALLIUM	2.0000		UG/L	UW	R	5969.30	7.60
44393	L	VE40835AE	VE	THALLIUM	1.3000		UG/L	U	JA	5969.30	7.60
44393	U	VE40838AE	VE	THALLIUM	1.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	THALLIUM	1.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	TIN	1000.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	TIN	500.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40705AE	VE	TIN	2500.0000		UG/L	U	V	5955.50	25.80
40993	U	VE40827AE	VE	TIN	3930.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40833AE	VE	TIN	7860.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	TIN	200.0000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	TIN	100.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40708AE	VE	TIN	200.0000		UG/L	U	V	5953.30	10.50
41793	U	VE40720AE	VE	TIN	200.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40709AE	VE	TIN	100.0000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	TIN	3930.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	TIN	100.0000		UG/L	U	V	5972.30	5.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
42893	U	VE40843AE	VE	TIN	3930.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	TIN	100.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	TIN	500.0000		UG/L	U	JA	5955.70	8.70
43193	L	VE40719AE	VE	TIN	200.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40842AE	VE	TIN	7860.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	TIN	500.0000		UG/L	U	V	5964.52	7.90
43693	U	VE40829AE	VE	TIN	3930.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	TIN	100.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40723AE	VE	TIN	100.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	TIN	3930.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	TIN	100.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	TIN	100.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	TIN	500.0000		UG/L	U	V	5969.30	7.60
44393	U	VE40838AE	VE	TIN	3930.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	TIN	3930.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	VANADIUM	100.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40704AE	VE	VANADIUM	110.0000		UG/L	B	V	5950.20	5.80
40993	L	VE40705AE	VE	VANADIUM	730.0000		UG/L	B	V	5955.50	25.80
40993	L	VE40790AE	VE	VANADIUM	501.0000		UG/L			5955.50	25.80
40993	L	VE40807AE	VE	VANADIUM	517.0000		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	VANADIUM	750.0000		UG/L	U	JA	5969.30	12.00
40993	L	VE40828AE	VE	VANADIUM	535.0000		UG/L		V	5955.50	25.80
40993	L	VE40833AE	VE	VANADIUM	1500.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	VANADIUM	20.0000		UG/L	U	V	5951.90	2.80
41293	U	VE40834AE	VE	VANADIUM	3.1000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	VANADIUM	10.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40708AE	VE	VANADIUM	33.7000		UG/L	B	V	5953.30	10.50
41793	U	VE40720AE	VE	VANADIUM	33.7000		UG/L	B	V	5953.30	10.50
42493	L	VE40709AE	VE	VANADIUM	10.0000		UG/L	U	V	5964.56	7.10
42493	L	VE40830AE	VE	VANADIUM	750.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	VANADIUM	32.8000		UG/L	B	V	5972.30	5.80
42893	U	VE40843AE	VE	VANADIUM	750.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	VANADIUM	20.1000		UG/L	B	V	5959.90	4.50
43193	L	VE40716AE	VE	VANADIUM	50.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	VANADIUM	20.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40842AE	VE	VANADIUM	1500.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	VANADIUM	50.0000		UG/L	U	V	5964.52	7.90
43693	U	VE40793AE	VE	VANADIUM	15.7000		UG/L	B		5964.52	7.90
43693	U	VE40829AE	VE	VANADIUM	750.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	VANADIUM	56.3000		UG/L		V	5967.60	4.50
43793	L	VE40723AE	VE	VANADIUM	10.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40837AE	VE	VANADIUM	750.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	VANADIUM	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40714AE	VE	VANADIUM	31.2000		UG/L	B	V	5972.90	4.00
44393	L	VE40715AE	VE	VANADIUM	70.1000		UG/L	B	V	5969.30	7.60
44393	L	VE40835AE	VE	VANADIUM	49.5000		UG/L		V	5969.30	7.60
44393	U	VE40838AE	VE	VANADIUM	750.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	VANADIUM	750.0000		UG/L	U	JA	5969.30	7.60
40393	U	VE40701AE	VE	ZINC	100.0000		UG/L	U	JA	5926.40	5.70
40793	U	VE40704AE	VE	ZINC	50.0000		UG/L	U	JA	5950.20	5.80
40793	U	VE40797AE	VE	ZINC	53.0000		UG/L		V	5950.20	5.80
40993	L	VE40705AE	VE	ZINC	250.0000		UG/L	U	JA	5955.50	25.80
40993	L	VE40790AE	VE	ZINC	30.9000		UG/L			5955.50	25.80
40993	U	VE40791AE	VE	ZINC	12.5000		UG/L	U	V	5969.30	12.00
40993	U	VE40806AE	VE	ZINC	20.7000		UG/L		JA	5969.30	12.00
40993	L	VE40807AE	VE	ZINC	21.3000		UG/L			5955.50	25.80
40993	U	VE40827AE	VE	ZINC	326.0000		UG/L	U	JA	5969.30	12.00

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40993	L	VE40828AE	VE	ZINC	29.0000		UG/L		V	5955.50	25.80
40993	L	VE40833AE	VE	ZINC	1270.0000		UG/L	U	JA	5955.50	25.80
41293	U	VE40706AE	VE	ZINC	38.9000		UG/L	B	JA	5951.90	2.80
41293	U	VE40798AE	VE	ZINC	25.9000		UG/L		JA	5951.90	2.80
41293	U	VE40834AE	VE	ZINC	15.8000		UG/L		V	5951.90	2.80
41593	U	VE40707AE	VE	ZINC	10.0000		UG/L	U	V	5964.93	4.50
41593	U	VE40796AE	VE	ZINC	106.0000		UG/L		V	5964.93	4.50
41593	U	VE40816AE	VE	ZINC	91.5000		UG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	ZINC	20.0000		UG/L	U	JA	5953.30	10.50
41793	U	VE40720AE	VE	ZINC	20.0000		UG/L	U	JA	5953.30	10.50
41793	U	VE40786AE	VE	ZINC	5.8000		UG/L		JA	5953.30	10.50
41793	U	VE40809AE	VE	ZINC	13.7000		UG/L		JA	5953.30	10.50
41793	U	VE40813AE	VE	ZINC	13.8000		UG/L		JA	5953.30	10.50
42493	L	VE40709AE	VE	ZINC	10.0000		UG/L	U	V	5964.56	7.10
42493	L	VE40794AE	VE	ZINC	13.5000		UG/L		JA	5964.56	7.10
42493	L	VE40805AE	VE	ZINC	15.6000		UG/L		JA	5964.56	7.10
42493	L	VE40815AE	VE	ZINC	19.0000		UG/L		V	5964.56	7.10
42493	L	VE40830AE	VE	ZINC	149.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40703AE	VE	ZINC	11.8000		UG/L	B	V	5972.30	5.80
42893	U	VE40787AE	VE	ZINC	17.6000		UG/L		JA	5972.30	5.80
42893	U	VE40811AE	VE	ZINC	30.8000		UG/L		JA	5972.30	5.80
42893	U	VE40826AE	VE	ZINC	22.2000		UG/L		V	5972.30	5.80
42893	U	VE40843AE	VE	ZINC	211.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40710AE	VE	ZINC	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40716AE	VE	ZINC	50.0000		UG/L	U	V	5955.70	8.70
43193	L	VE40719AE	VE	ZINC	20.0000		UG/L	U	JA	5955.70	8.70
43193	L	VE40784AE	VE	ZINC	5.7000		UG/L		JA	5955.70	8.70
43193	U	VE40785AE	VE	ZINC	11.5000		UG/L		JA	5959.90	4.50
43193	U	VE40802AE	VE	ZINC	18.1000		UG/L		JA	5959.90	4.50
43193	L	VE40803AE	VE	ZINC	10.4000		UG/L		JA	5955.70	8.70
43193	U	VE40823AE	VE	ZINC	29.8000		UG/L		V	5959.90	4.50
43193	L	VE40824AE	VE	ZINC	23.9000		UG/L		V	5955.70	8.70
43193	L	VE40842AE	VE	ZINC	1240.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40711AE	VE	ZINC	50.0000		UG/L	U	V	5964.52	7.90
43693	U	VE40793AE	VE	ZINC	22.7000		UG/L			5964.52	7.90
43693	U	VE40804AE	VE	ZINC	92.5000		UG/L		V	5964.52	7.90
43693	U	VE40814AE	VE	ZINC	20.5000		UG/L		V	5964.52	7.90
43693	U	VE40829AE	VE	ZINC	660.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40712AE	VE	ZINC	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40723AE	VE	ZINC	10.0000		UG/L	U	V	5961.30	10.80
43793	L	VE40788AE	VE	ZINC	29.7000		UG/L		V	5961.30	10.80
43793	U	VE40789AE	VE	ZINC	19.2000		UG/L		JA	5967.60	4.50
43793	L	VE40808AE	VE	ZINC	37.2000		UG/L		V	5961.30	10.80
43793	U	VE40810AE	VE	ZINC	49.3000		UG/L		V	5967.60	4.50
43793	U	VE40820AE	VE	ZINC	29.1000		UG/L		V	5967.60	4.50
43793	L	VE40821AE	VE	ZINC	51.3000		UG/L		V	5961.30	10.80
43793	L	VE40837AE	VE	ZINC	217.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40713AE	VE	ZINC	13.1000		UG/L	B	V	5963.00	5.60
44093	U	VE40783AE	VE	ZINC	6.4000		UG/L		JA	5963.00	5.60
44093	U	VE40801AE	VE	ZINC	12.6000		UG/L		JA	5963.00	5.60
44093	U	VE40822AE	VE	ZINC	43.2000		UG/L		V	5963.00	5.60
44393	U	VE40714AE	VE	ZINC	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40715AE	VE	ZINC	50.0000		UG/L	U	JA	5969.30	7.60
44393	U	VE40781AE	VE	ZINC	10.0000		UG/L		JA	5972.90	4.00
44393	L	VE40782AE	VE	ZINC	7.6000		UG/L		JA	5969.30	7.60
44393	U	VE40799AE	VE	ZINC	18.6000		UG/L		JA	5972.90	4.00
44393	L	VE40800AE	VE	ZINC	12.8000		UG/L		JA	5969.30	7.60

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
44393	U	VE40818AE	VE	ZINC	35.1000		UG/L		V	5972.90	4.00
44393	L	VE40819AE	VE	ZINC	22.8000		UG/L		V	5969.30	7.60
44393	L	VE40835AE	VE	ZINC	24.1000		UG/L		V	5969.30	7.60
44393	U	VE40838AE	VE	ZINC	142.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40839AE	VE	ZINC	155.0000		UG/L	U	JA	5969.30	7.60

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LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40393	U	VE40724AE	VE	GROSS ALPHA	0.5000	1.6	PCI/L	U	V	5926.40	5.70
40793	U	VE40726AE	VE	GROSS ALPHA	0.0800	.8	PCI/L	U	V	5950.20	5.80
40993	U	VE40734AE	VE	GROSS ALPHA	36.0000	23	PCI/L		V	5969.30	12.00
40993	L	VE40735AE	VE	GROSS ALPHA	6300.0000	430	PCI/L		V	5955.50	25.80
41293	U	VE40727AE	VE	GROSS ALPHA	-13.5600	19.4	PCI/L		Y	5951.90	2.80
41593	U	VE40740AE	VE	GROSS ALPHA	402.7800	113.37	PCI/L		Y	5964.93	4.50
41793	U	VE40728AE	VE	GROSS ALPHA	10.0000	2.8	PCI/L		V	5953.30	10.50
42493	L	VE40739AE	VE	GROSS ALPHA	80.2900	29.49	PCI/L		Y	5964.56	7.10
42893	U	VE40725AE	VE	GROSS ALPHA	10.0000	3.2	PCI/L		V	5972.30	5.80
43193	U	VE40729AE	VE	GROSS ALPHA	22.0000	5	PCI/L		V	5959.90	4.50
43193	L	VE40730AE	VE	GROSS ALPHA	400.0000	28	PCI/L		V	5955.70	8.70
43693	U	VE40738AE	VE	GROSS ALPHA	3328.5600	517.47	PCI/L		Y	5964.52	7.90
43793	U	VE40736AE	VE	GROSS ALPHA	20.0000	3.4	PCI/L		V	5967.60	4.50
43793	L	VE40737AE	VE	GROSS ALPHA	4.3000	5	PCI/L	U	V	5961.30	10.80
44093	U	VE40731AE	VE	GROSS ALPHA	3.5000	.92	PCI/L		V	5963.00	5.60
44393	U	VE40732AE	VE	GROSS ALPHA	11.0000	2.2	PCI/L		V	5972.90	4.00
44393	L	VE40733AE	VE	GROSS ALPHA	0.8300	2.2	PCI/L	U	V	5969.30	7.60
40393	U	VE40724AE	VE	GROSS BETA	12.0000	5.3	PCI/L		A	5926.40	5.70
40793	U	VE40726AE	VE	GROSS BETA	3.6000	1.9	PCI/L	J	A	5950.20	5.80
40993	U	VE40734AE	VE	GROSS BETA	200.0000	46	PCI/L		A	5969.30	12.00
40993	L	VE40735AE	VE	GROSS BETA	5400.0000	390	PCI/L		A	5955.50	25.80
41293	U	VE40727AE	VE	GROSS BETA	42.1200	8.27	PCI/L		Y	5951.90	2.80
41593	U	VE40740AE	VE	GROSS BETA	442.6200	35.16	PCI/L		Y	5964.93	4.50
41793	U	VE40728AE	VE	GROSS BETA	15.0000	4.3	PCI/L		A	5953.30	10.50
42493	L	VE40739AE	VE	GROSS BETA	31.3600	7.71	PCI/L		Y	5964.56	7.10
42893	U	VE40725AE	VE	GROSS BETA	9.5000	4	PCI/L		A	5972.30	5.80
43193	U	VE40729AE	VE	GROSS BETA	34.0000	7.1	PCI/L		A	5959.90	4.50
43193	L	VE40730AE	VE	GROSS BETA	350.0000	25	PCI/L		A	5955.70	8.70
43693	U	VE40738AE	VE	GROSS BETA	1925.0900	131.52	PCI/L		Y	5964.52	7.90
43793	U	VE40736AE	VE	GROSS BETA	34.0000	4.4	PCI/L		A	5967.60	4.50
43793	L	VE40737AE	VE	GROSS BETA	130.0000	15	PCI/L		A	5961.30	10.80
44093	U	VE40731AE	VE	GROSS BETA	9.6000	2.3	PCI/L		A	5963.00	5.60
44393	U	VE40732AE	VE	GROSS BETA	6.3000	2	PCI/L		A	5972.90	4.00
44393	L	VE40733AE	VE	GROSS BETA	8.1000	3.1	PCI/L		A	5969.30	7.60
40993	U	VE40734AE	VE	RADIUM-226	5.9000	0.17	PCI/L	B	A	5969.30	12.00
40993	L	VE40735AE	VE	RADIUM-226	2.8000	0.14	PCI/L	B	A	5955.50	25.80
41793	U	VE40728AE	VE	RADIUM-226	1.4000	0.090	PCI/L	B	A	5953.30	10.50
42893	U	VE40725AE	VE	RADIUM-226	0.1200	0.050	PCI/L	BJ	A	5972.30	5.80
43193	U	VE40729AE	VE	RADIUM-226	0.9100	0.080	PCI/L	B	A	5959.90	4.50
43193	L	VE40730AE	VE	RADIUM-226	3.2000	0.13	PCI/L	B	A	5955.70	8.70
43793	U	VE40736AE	VE	RADIUM-226	0.2900	0.060	PCI/L	BJ	A	5967.60	4.50
44393	U	VE40732AE	VE	RADIUM-226	0.6300	0.080	PCI/L	B	A	5972.90	4.00
40993	U	VE40734AE	VE	RADIUM-228	3.0000	1.9	PCI/L		V	5969.30	12.00
43193	L	VE40730AE	VE	RADIUM-228	5.3000	1.7	PCI/L		V	5955.70	8.70
40393	U	VE40724AE	VE	TRITIUM	54.0000	240	PCI/L	U	V	5926.40	5.70
40793	U	VE40726AE	VE	TRITIUM	-73.0000	230	PCI/L	U	V	5950.20	5.80
40993	U	VE40734AE	VE	TRITIUM	2000.0000	330	PCI/L		V	5969.30	12.00
40993	L	VE40735AE	VE	TRITIUM	1900.0000	330	PCI/L		V	5955.50	25.80
41293	U	VE40727AE	VE	TRITIUM	186.2500	234.59	PCI/L		Y	5951.90	2.80
41593	U	VE40740AE	VE	TRITIUM	2163.1900	260.15	PCI/L		Y	5964.93	4.50
41793	U	VE40728AE	VE	TRITIUM	95.0000	240	PCI/L	U	V	5953.30	10.50
42493	L	VE40739AE	VE	TRITIUM	98.0300	234.1	PCI/L		Y	5964.56	7.10
42893	U	VE40725AE	VE	TRITIUM	360.0000	260	PCI/L	U	V	5972.30	5.80
43193	U	VE40729AE	VE	TRITIUM	620.0000	270	PCI/L		V	5959.90	4.50
43193	L	VE40730AE	VE	TRITIUM	5600.0000	460	PCI/L		V	5955.70	8.70
43693	U	VE40738AE	VE	TRITIUM	6317.8400	312.07	PCI/L		Y	5964.52	7.90
43793	U	VE40736AE	VE	TRITIUM	280.0000	250	PCI/L	U	V	5967.60	4.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCU
43793	L	VE40737AE	VE	TRITIUM	1800.0000	320	PCI/L		V	5961.30	10.80
44093	U	VE40731AE	VE	TRITIUM	67.0000	240	PCI/L	U	V	5963.00	5.60
44393	U	VE40732AE	VE	TRITIUM	-13.0000	230	PCI/L	U	V	5972.90	4.00
44393	L	VE40733AE	VE	TRITIUM	62.0000	240	PCI/L	U	V	5969.30	7.60
40393	U	VE40724AE	VE	URANIUM-233,-234	0.6700	.35	PCI/L	B	A	5926.40	5.70
40793	U	VE40726AE	VE	URANIUM-233,-234	1.0000	.45	PCI/L	B	A	5950.20	5.80
40993	U	VE40734AE	VE	URANIUM-233,-234	1.0000	.42	PCI/L	B	A	5969.30	12.00
40993	L	VE40735AE	VE	URANIUM-233,-234	3400.0000	530	PCI/L	B	A	5955.50	25.80
41293	U	VE40727AE	VE	URANIUM-233,-234	0.1066	0.0783	PCI/L		Y	5951.90	2.80
41593	U	VE40740AE	VE	URANIUM-233,-234	214.4846	9.922	PCI/L		Y	5964.93	4.50
41793	U	VE40728AE	VE	URANIUM-233,-234	0.6700	.41	PCI/L	B	A	5953.30	10.50
42493	L	VE40739AE	VE	URANIUM-233,-234	34.1225	1.8348	PCI/L		Y	5964.56	7.10
42893	U	VE40725AE	VE	URANIUM-233,-234	8.8000	1.6	PCI/L	B	A	5972.30	5.80
43193	U	VE40729AE	VE	URANIUM-233,-234	14.0000	2.2	PCI/L	B	A	5959.90	4.50
43193	L	VE40730AE	VE	URANIUM-233,-234	270.0000	38	PCI/L	B	A	5955.70	8.70
43693	U	VE40738AE	VE	URANIUM-233,-234	732.9486	56.6527	PCI/L		Y	5964.52	7.90
43793	U	VE40736AE	VE	URANIUM-233,-234	11.0000	1.8	PCI/L	B	A	5967.60	4.50
43793	L	VE40737AE	VE	URANIUM-233,-234	0.4800	.3	PCI/L	BJ	A	5961.30	10.80
44093	U	VE40731AE	VE	URANIUM-233,-234	1.4000	.49	PCI/L	B	A	5963.00	5.60
44393	U	VE40732AE	VE	URANIUM-233,-234	3.5000	.9	PCI/L	B	A	5972.90	4.00
44393	L	VE40733AE	VE	URANIUM-233,-234	1.4000	.55	PCI/L	B	A	5969.30	7.60
40393	U	VE40724AE	VE	URANIUM-235	-0.0060	.001	PCI/L	U	A	5926.40	5.70
40793	U	VE40726AE	VE	URANIUM-235	0.2100	.21	PCI/L	J	A	5950.20	5.80
40993	U	VE40734AE	VE	URANIUM-235	0.0800	.11	PCI/L	BJ	A	5969.30	12.00
40993	L	VE40735AE	VE	URANIUM-235	120.0000	68	PCI/L	B	A	5955.50	25.80
41293	U	VE40727AE	VE	URANIUM-235	0.0213	0.0418	PCI/L		Y	5951.90	2.80
41593	U	VE40740AE	VE	URANIUM-235	9.3871	0.7031	PCI/L		Y	5964.93	4.50
41793	U	VE40728AE	VE	URANIUM-235	0.2200	.23	PCI/L	J	A	5953.30	10.50
42493	L	VE40739AE	VE	URANIUM-235	2.0340	0.2759	PCI/L		Y	5964.56	7.10
42893	U	VE40725AE	VE	URANIUM-235	0.1200	.15	PCI/L	J	A	5972.30	5.80
43193	U	VE40729AE	VE	URANIUM-235	0.3800	.24	PCI/L	BJ	A	5959.90	4.50
43193	L	VE40730AE	VE	URANIUM-235	9.5000	4.2	PCI/L		A	5955.70	8.70
43693	U	VE40738AE	VE	URANIUM-235	47.2509	4.2073	PCI/L		Y	5964.52	7.90
43793	U	VE40736AE	VE	URANIUM-235	0.7000	.34	PCI/L	B	A	5967.60	4.50
43793	L	VE40737AE	VE	URANIUM-235	0.1300	.15	PCI/L	BJ	A	5961.30	10.80
44093	U	VE40731AE	VE	URANIUM-235	0.0340	.078	PCI/L	U	A	5963.00	5.60
44393	U	VE40732AE	VE	URANIUM-235	0.1300	.16	PCI/L	J	A	5972.90	4.00
44393	L	VE40733AE	VE	URANIUM-235	0.1800	.19	PCI/L	J	A	5969.30	7.60
40393	U	VE40724AE	VE	URANIUM-238	0.5300	.31	PCI/L	BJ	A	5926.40	5.70
40793	U	VE40726AE	VE	URANIUM-238	1.0000	.46	PCI/L	B	A	5950.20	5.80
40993	U	VE40734AE	VE	URANIUM-238	0.6800	.34	PCI/L	B	A	5969.30	12.00
40993	L	VE40735AE	VE	URANIUM-238	3700.0000	570	PCI/L	B	A	5955.50	25.80
41293	U	VE40727AE	VE	URANIUM-238	0.0747	0.0628	PCI/L		Y	5951.90	2.80
41593	U	VE40740AE	VE	URANIUM-238	102.1144	4.913	PCI/L		Y	5964.93	4.50
41793	U	VE40728AE	VE	URANIUM-238	0.8100	.45	PCI/L	B	A	5953.30	10.50
42493	L	VE40739AE	VE	URANIUM-238	17.5848	1.084	PCI/L		Y	5964.56	7.10
42893	U	VE40725AE	VE	URANIUM-238	3.0000	.8	PCI/L	B	A	5972.30	5.80
43193	U	VE40729AE	VE	URANIUM-238	7.6000	1.4	PCI/L	B	A	5959.90	4.50
43193	L	VE40730AE	VE	URANIUM-238	180.0000	27	PCI/L	B	A	5955.70	8.70
43693	U	VE40738AE	VE	URANIUM-238	671.2910	51.9412	PCI/L		Y	5964.52	7.90
43793	U	VE40736AE	VE	URANIUM-238	6.5000	1.3	PCI/L	B	A	5967.60	4.50
43793	L	VE40737AE	VE	URANIUM-238	0.5700	.32	PCI/L	BJ	A	5961.30	10.80
44093	U	VE40731AE	VE	URANIUM-238	1.5000	.52	PCI/L	B	A	5963.00	5.60
44393	U	VE40732AE	VE	URANIUM-238	2.0000	.65	PCI/L	B	A	5972.90	4.00
44393	L	VE40733AE	VE	URANIUM-238	1.0000	.46	PCI/L	B	A	5969.30	7.60

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40393	U	VE40741AE	VE	1,2,4-TRICHLOROBENZENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	1,2,4-TRICHLOROBENZENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	1,2,4-TRICHLOROBENZENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	1,2,4-TRICHLOROBENZENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	1,2,4-TRICHLOROBENZENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	1,2,4-TRICHLOROBENZENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	1,2,4-TRICHLOROBENZENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	1,2,4-TRICHLOROBENZENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	1,2,4-TRICHLOROBENZENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	1,2,4-TRICHLOROBENZENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	1,2,4-TRICHLOROBENZENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	1,2,4-TRICHLOROBENZENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	1,2,4-TRICHLOROBENZENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	1,2,4-TRICHLOROBENZENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	1,2,4-TRICHLOROBENZENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	1,2,4-TRICHLOROBENZENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	1,2-DICHLOROBENZENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	1,2-DICHLOROBENZENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	1,2-DICHLOROBENZENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	1,2-DICHLOROBENZENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	1,2-DICHLOROBENZENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	1,2-DICHLOROBENZENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	1,2-DICHLOROBENZENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	1,2-DICHLOROBENZENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	1,2-DICHLOROBENZENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	1,2-DICHLOROBENZENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	1,2-DICHLOROBENZENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	1,2-DICHLOROBENZENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	1,2-DICHLOROBENZENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	1,2-DICHLOROBENZENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	1,2-DICHLOROBENZENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	1,2-DICHLOROBENZENE	11.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	1,3-DICHLOROBENZENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	1,3-DICHLOROBENZENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	1,3-DICHLOROBENZENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	1,3-DICHLOROBENZENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	1,3-DICHLOROBENZENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	1,3-DICHLOROBENZENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	1,3-DICHLOROBENZENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	1,3-DICHLOROBENZENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	1,3-DICHLOROBENZENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	1,3-DICHLOROBENZENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	1,3-DICHLOROBENZENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	1,3-DICHLOROBENZENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	1,3-DICHLOROBENZENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	1,3-DICHLOROBENZENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	1,3-DICHLOROBENZENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	1,3-DICHLOROBENZENE	11.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	1,4-DICHLOROBENZENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	1,4-DICHLOROBENZENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	1,4-DICHLOROBENZENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	1,4-DICHLOROBENZENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	1,4-DICHLOROBENZENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	1,4-DICHLOROBENZENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	1,4-DICHLOROBENZENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	1,4-DICHLOROBENZENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	1,4-DICHLOROBENZENE	10.0000		UG/L	U	V	5955.70	8.70

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43693	U	VE40755AE	VE	1,4-DICHLOROBENZENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	1,4-DICHLOROBENZENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	1,4-DICHLOROBENZENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	1,4-DICHLOROBENZENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	1,4-DICHLOROBENZENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	1,4-DICHLOROBENZENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	1,4-DICHLOROBENZENE	11.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	2,4,5-TRICHLOROPHENOL	50.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2,4,5-TRICHLOROPHENOL	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2,4,5-TRICHLOROPHENOL	50.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	2,4,5-TRICHLOROPHENOL	58.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2,4,5-TRICHLOROPHENOL	50.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2,4,5-TRICHLOROPHENOL	52.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2,4,5-TRICHLOROPHENOL	55.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2,4,5-TRICHLOROPHENOL	50.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2,4,5-TRICHLOROPHENOL	50.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2,4,5-TRICHLOROPHENOL	52.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2,4,5-TRICHLOROPHENOL	50.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2,4,5-TRICHLOROPHENOL	50.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2,4,5-TRICHLOROPHENOL	50.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2,4,5-TRICHLOROPHENOL	50.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2,4,5-TRICHLOROPHENOL	50.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2,4,5-TRICHLOROPHENOL	55.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	2,4,6-TRICHLOROPHENOL	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2,4,6-TRICHLOROPHENOL	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2,4,6-TRICHLOROPHENOL	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	2,4,6-TRICHLOROPHENOL	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2,4,6-TRICHLOROPHENOL	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2,4,6-TRICHLOROPHENOL	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2,4,6-TRICHLOROPHENOL	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2,4,6-TRICHLOROPHENOL	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2,4,6-TRICHLOROPHENOL	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2,4,6-TRICHLOROPHENOL	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2,4,6-TRICHLOROPHENOL	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2,4,6-TRICHLOROPHENOL	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2,4,6-TRICHLOROPHENOL	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2,4,6-TRICHLOROPHENOL	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2,4,6-TRICHLOROPHENOL	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2,4,6-TRICHLOROPHENOL	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	2,4-DICHLOROPHENOL	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2,4-DICHLOROPHENOL	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2,4-DICHLOROPHENOL	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	2,4-DICHLOROPHENOL	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2,4-DICHLOROPHENOL	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2,4-DICHLOROPHENOL	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2,4-DICHLOROPHENOL	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2,4-DICHLOROPHENOL	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2,4-DICHLOROPHENOL	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2,4-DICHLOROPHENOL	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2,4-DICHLOROPHENOL	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2,4-DICHLOROPHENOL	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2,4-DICHLOROPHENOL	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2,4-DICHLOROPHENOL	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2,4-DICHLOROPHENOL	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2,4-DICHLOROPHENOL	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	2,4-DIMETHYLPHENOL	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2,4-DIMETHYLPHENOL	10.0000		UG/L	U	V	5950.20	5.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40993	L	VE40752AE	VE	2,4-DIMETHYLPHENOL	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	2,4-DIMETHYLPHENOL	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2,4-DIMETHYLPHENOL	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2,4-DIMETHYLPHENOL	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2,4-DIMETHYLPHENOL	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2,4-DIMETHYLPHENOL	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2,4-DIMETHYLPHENOL	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2,4-DIMETHYLPHENOL	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2,4-DIMETHYLPHENOL	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2,4-DIMETHYLPHENOL	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2,4-DIMETHYLPHENOL	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2,4-DIMETHYLPHENOL	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2,4-DIMETHYLPHENOL	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2,4-DIMETHYLPHENOL	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	2,4-DINITROPHENOL	50.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2,4-DINITROPHENOL	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2,4-DINITROPHENOL	50.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	2,4-DINITROPHENOL	58.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2,4-DINITROPHENOL	50.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2,4-DINITROPHENOL	52.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2,4-DINITROPHENOL	55.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2,4-DINITROPHENOL	50.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2,4-DINITROPHENOL	50.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2,4-DINITROPHENOL	52.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2,4-DINITROPHENOL	50.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2,4-DINITROPHENOL	50.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2,4-DINITROPHENOL	50.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2,4-DINITROPHENOL	50.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2,4-DINITROPHENOL	50.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2,4-DINITROPHENOL	55.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	2,4-DINITROTOLUENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2,4-DINITROTOLUENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2,4-DINITROTOLUENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	2,4-DINITROTOLUENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2,4-DINITROTOLUENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2,4-DINITROTOLUENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2,4-DINITROTOLUENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2,4-DINITROTOLUENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2,4-DINITROTOLUENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2,4-DINITROTOLUENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2,4-DINITROTOLUENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2,4-DINITROTOLUENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2,4-DINITROTOLUENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2,4-DINITROTOLUENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2,4-DINITROTOLUENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2,4-DINITROTOLUENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	2,6-DINITROTOLUENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2,6-DINITROTOLUENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2,6-DINITROTOLUENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	2,6-DINITROTOLUENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2,6-DINITROTOLUENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2,6-DINITROTOLUENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2,6-DINITROTOLUENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2,6-DINITROTOLUENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2,6-DINITROTOLUENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2,6-DINITROTOLUENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2,6-DINITROTOLUENE	10.0000		UG/L	U	V	5967.60	4.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43793	L	VE40754AE	VE	2,6-DINITROTOLUENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2,6-DINITROTOLUENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2,6-DINITROTOLUENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2,6-DINITROTOLUENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2,6-DINITROTOLUENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	2-CHLORONAPHTHALENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2-CHLORONAPHTHALENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2-CHLORONAPHTHALENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	2-CHLORONAPHTHALENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2-CHLORONAPHTHALENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2-CHLORONAPHTHALENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2-CHLORONAPHTHALENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2-CHLORONAPHTHALENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2-CHLORONAPHTHALENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2-CHLORONAPHTHALENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2-CHLORONAPHTHALENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2-CHLORONAPHTHALENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2-CHLORONAPHTHALENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2-CHLORONAPHTHALENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2-CHLORONAPHTHALENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2-CHLORONAPHTHALENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	2-CHLOROPHENOL	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2-CHLOROPHENOL	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2-CHLOROPHENOL	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	2-CHLOROPHENOL	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2-CHLOROPHENOL	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2-CHLOROPHENOL	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2-CHLOROPHENOL	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2-CHLOROPHENOL	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2-CHLOROPHENOL	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2-CHLOROPHENOL	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2-CHLOROPHENOL	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2-CHLOROPHENOL	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2-CHLOROPHENOL	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2-CHLOROPHENOL	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2-CHLOROPHENOL	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2-CHLOROPHENOL	11.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	2-METHYLNAPHTHALENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2-METHYLNAPHTHALENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2-METHYLNAPHTHALENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	2-METHYLNAPHTHALENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2-METHYLNAPHTHALENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2-METHYLNAPHTHALENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2-METHYLNAPHTHALENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2-METHYLNAPHTHALENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2-METHYLNAPHTHALENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2-METHYLNAPHTHALENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2-METHYLNAPHTHALENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2-METHYLNAPHTHALENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2-METHYLNAPHTHALENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2-METHYLNAPHTHALENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2-METHYLNAPHTHALENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2-METHYLNAPHTHALENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	2-METHYLPHENOL	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2-METHYLPHENOL	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2-METHYLPHENOL	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	2-METHYLPHENOL	12.0000		UG/L	U	V	5964.93	4.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
41793	U	VE40745AE	VE	2-METHYLPHENOL	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2-METHYLPHENOL	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2-METHYLPHENOL	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2-METHYLPHENOL	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2-METHYLPHENOL	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2-METHYLPHENOL	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2-METHYLPHENOL	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2-METHYLPHENOL	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2-METHYLPHENOL	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2-METHYLPHENOL	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2-METHYLPHENOL	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2-METHYLPHENOL	11.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	2-NITROANILINE	50.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2-NITROANILINE	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2-NITROANILINE	50.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	2-NITROANILINE	58.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2-NITROANILINE	50.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2-NITROANILINE	52.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2-NITROANILINE	55.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2-NITROANILINE	50.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2-NITROANILINE	50.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2-NITROANILINE	52.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2-NITROANILINE	50.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2-NITROANILINE	50.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2-NITROANILINE	50.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2-NITROANILINE	50.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2-NITROANILINE	50.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2-NITROANILINE	55.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	2-NITROPHENOL	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	2-NITROPHENOL	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	2-NITROPHENOL	7.0000		UG/L	J	A	5955.50	25.80
41593	U	VE40757AE	VE	2-NITROPHENOL	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	2-NITROPHENOL	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	2-NITROPHENOL	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	2-NITROPHENOL	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	2-NITROPHENOL	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	2-NITROPHENOL	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	2-NITROPHENOL	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	2-NITROPHENOL	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	2-NITROPHENOL	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	2-NITROPHENOL	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	2-NITROPHENOL	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	2-NITROPHENOL	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	2-NITROPHENOL	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	3,3'-DICHLOROBENZIDINE	20.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	3,3'-DICHLOROBENZIDINE	20.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	3,3'-DICHLOROBENZIDINE	20.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	3,3'-DICHLOROBENZIDINE	23.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	3,3'-DICHLOROBENZIDINE	20.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	3,3'-DICHLOROBENZIDINE	21.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	3,3'-DICHLOROBENZIDINE	22.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	3,3'-DICHLOROBENZIDINE	20.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	3,3'-DICHLOROBENZIDINE	20.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	3,3'-DICHLOROBENZIDINE	21.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	3,3'-DICHLOROBENZIDINE	20.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	3,3'-DICHLOROBENZIDINE	20.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	3,3'-DICHLOROBENZIDINE	20.0000		UG/L	U	V	5963.00	5.60

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
44393	U	VE40749AE	VE	3,3'-DICHLOROBENZIDINE	20.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	3,3'-DICHLOROBENZIDINE	20.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	3,3'-DICHLOROBENZIDINE	22.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	3-NITROANILINE	50.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	3-NITROANILINE	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	3-NITROANILINE	50.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	3-NITROANILINE	58.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	3-NITROANILINE	50.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	3-NITROANILINE	52.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	3-NITROANILINE	55.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	3-NITROANILINE	50.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	3-NITROANILINE	50.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	3-NITROANILINE	52.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	3-NITROANILINE	50.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	3-NITROANILINE	50.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	3-NITROANILINE	50.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	3-NITROANILINE	50.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	3-NITROANILINE	50.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	3-NITROANILINE	55.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	4,6-DINITRO-2-METHYLPHENOL	50.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	4,6-DINITRO-2-METHYLPHENOL	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	4,6-DINITRO-2-METHYLPHENOL	50.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	4,6-DINITRO-2-METHYLPHENOL	58.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	4,6-DINITRO-2-METHYLPHENOL	50.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	4,6-DINITRO-2-METHYLPHENOL	52.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	4,6-DINITRO-2-METHYLPHENOL	55.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	4,6-DINITRO-2-METHYLPHENOL	50.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	4,6-DINITRO-2-METHYLPHENOL	50.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	4,6-DINITRO-2-METHYLPHENOL	52.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	4,6-DINITRO-2-METHYLPHENOL	50.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	4,6-DINITRO-2-METHYLPHENOL	50.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	4,6-DINITRO-2-METHYLPHENOL	50.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	4,6-DINITRO-2-METHYLPHENOL	50.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	4,6-DINITRO-2-METHYLPHENOL	50.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	4,6-DINITRO-2-METHYLPHENOL	55.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	4-CHLORO-3-METHYLPHENOL	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	4-CHLORO-3-METHYLPHENOL	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	4-CHLORO-3-METHYLPHENOL	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	4-CHLORO-3-METHYLPHENOL	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	4-CHLORO-3-METHYLPHENOL	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	4-CHLORO-3-METHYLPHENOL	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	4-CHLORO-3-METHYLPHENOL	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	4-CHLORO-3-METHYLPHENOL	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	4-CHLORO-3-METHYLPHENOL	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	4-CHLORO-3-METHYLPHENOL	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	4-CHLORO-3-METHYLPHENOL	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	4-CHLORO-3-METHYLPHENOL	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	4-CHLORO-3-METHYLPHENOL	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	4-CHLORO-3-METHYLPHENOL	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	4-CHLORO-3-METHYLPHENOL	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	4-CHLORO-3-METHYLPHENOL	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	4-CHLOROANILINE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	4-CHLOROANILINE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	4-CHLOROANILINE	4.0000		UG/L	J	A	5955.50	25.80
41593	U	VE40757AE	VE	4-CHLOROANILINE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	4-CHLOROANILINE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	4-CHLOROANILINE	11.0000		UG/L	U	V	5964.56	7.10

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
42893	U	VE40742AE	VE	4-CHLOROANILINE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	4-CHLOROANILINE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	4-CHLOROANILINE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	4-CHLOROANILINE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	4-CHLOROANILINE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	4-CHLOROANILINE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	4-CHLOROANILINE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	4-CHLOROANILINE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	4-CHLOROANILINE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	4-CHLOROANILINE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	4-CHLOROPHENYL PHENYL ETHER	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	4-CHLOROPHENYL PHENYL ETHER	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	4-CHLOROPHENYL PHENYL ETHER	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	4-CHLOROPHENYL PHENYL ETHER	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	4-CHLOROPHENYL PHENYL ETHER	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	4-CHLOROPHENYL PHENYL ETHER	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	4-CHLOROPHENYL PHENYL ETHER	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	4-CHLOROPHENYL PHENYL ETHER	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	4-CHLOROPHENYL PHENYL ETHER	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	4-CHLOROPHENYL PHENYL ETHER	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	4-CHLOROPHENYL PHENYL ETHER	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	4-CHLOROPHENYL PHENYL ETHER	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	4-CHLOROPHENYL PHENYL ETHER	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	4-CHLOROPHENYL PHENYL ETHER	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	4-CHLOROPHENYL PHENYL ETHER	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	4-CHLOROPHENYL PHENYL ETHER	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	4-METHYLPHENOL	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	4-METHYLPHENOL	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	4-METHYLPHENOL	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	4-METHYLPHENOL	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	4-METHYLPHENOL	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	4-METHYLPHENOL	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	4-METHYLPHENOL	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	4-METHYLPHENOL	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	4-METHYLPHENOL	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	4-METHYLPHENOL	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	4-METHYLPHENOL	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	4-METHYLPHENOL	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	4-METHYLPHENOL	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	4-METHYLPHENOL	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	4-METHYLPHENOL	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	4-METHYLPHENOL	11.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	4-NITROANILINE	50.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	4-NITROANILINE	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	4-NITROANILINE	50.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	4-NITROANILINE	58.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	4-NITROANILINE	50.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	4-NITROANILINE	52.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	4-NITROANILINE	55.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	4-NITROANILINE	50.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	4-NITROANILINE	50.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	4-NITROANILINE	52.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	4-NITROANILINE	50.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	4-NITROANILINE	50.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	4-NITROANILINE	50.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	4-NITROANILINE	50.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	4-NITROANILINE	50.0000		UG/L	U	V	5969.30	7.60

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCU
SW089	U	VE40777AE	VE	4-NITROANILINE	55.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	4-NITROPHENOL	50.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	4-NITROPHENOL	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	4-NITROPHENOL	50.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	4-NITROPHENOL	58.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	4-NITROPHENOL	50.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	4-NITROPHENOL	52.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	4-NITROPHENOL	55.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	4-NITROPHENOL	50.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	4-NITROPHENOL	50.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	4-NITROPHENOL	52.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	4-NITROPHENOL	50.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	4-NITROPHENOL	50.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	4-NITROPHENOL	50.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	4-NITROPHENOL	50.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	4-NITROPHENOL	50.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	4-NITROPHENOL	55.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	ACENAPHTHENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	ACENAPHTHENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	ACENAPHTHENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	ACENAPHTHENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	ACENAPHTHENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	ACENAPHTHENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	ACENAPHTHENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	ACENAPHTHENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	ACENAPHTHENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	ACENAPHTHENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	ACENAPHTHENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	ACENAPHTHENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	ACENAPHTHENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	ACENAPHTHENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	ACENAPHTHENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	ACENAPHTHENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	ACENAPHTHYLENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	ACENAPHTHYLENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	ACENAPHTHYLENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	ACENAPHTHYLENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	ACENAPHTHYLENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	ACENAPHTHYLENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	ACENAPHTHYLENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	ACENAPHTHYLENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	ACENAPHTHYLENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	ACENAPHTHYLENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	ACENAPHTHYLENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	ACENAPHTHYLENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	ACENAPHTHYLENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	ACENAPHTHYLENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	ACENAPHTHYLENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	ACENAPHTHYLENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	ANTHRACENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	ANTHRACENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	ANTHRACENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	ANTHRACENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	ANTHRACENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	ANTHRACENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	ANTHRACENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	ANTHRACENE	10.0000		UG/L	U	V	5959.90	4.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43193	L	VE40747AE	VE	ANTHRACENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	ANTHRACENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	ANTHRACENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	ANTHRACENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	ANTHRACENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	ANTHRACENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	ANTHRACENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	ANTHRACENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	BENZO(a)ANTHRACENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	BENZO(a)ANTHRACENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	BENZO(a)ANTHRACENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	BENZO(a)ANTHRACENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	BENZO(a)ANTHRACENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	BENZO(a)ANTHRACENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	BENZO(a)ANTHRACENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	BENZO(a)ANTHRACENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	BENZO(a)ANTHRACENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	BENZO(a)ANTHRACENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	BENZO(a)ANTHRACENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	BENZO(a)ANTHRACENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	BENZO(a)ANTHRACENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	BENZO(a)ANTHRACENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	BENZO(a)ANTHRACENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BENZO(a)ANTHRACENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	BENZO(a)PYRENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	BENZO(a)PYRENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	BENZO(a)PYRENE	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	BENZO(a)PYRENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	BENZO(a)PYRENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	BENZO(a)PYRENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	BENZO(a)PYRENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	BENZO(a)PYRENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	BENZO(a)PYRENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	BENZO(a)PYRENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	BENZO(a)PYRENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	BENZO(a)PYRENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	BENZO(a)PYRENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	BENZO(a)PYRENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	BENZO(a)PYRENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BENZO(a)PYRENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	BENZO(b)FLUORANTHENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	BENZO(b)FLUORANTHENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	BENZO(b)FLUORANTHENE	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	BENZO(b)FLUORANTHENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	BENZO(b)FLUORANTHENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	BENZO(b)FLUORANTHENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	BENZO(b)FLUORANTHENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	BENZO(b)FLUORANTHENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	BENZO(b)FLUORANTHENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	BENZO(b)FLUORANTHENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	BENZO(b)FLUORANTHENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	BENZO(b)FLUORANTHENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	BENZO(b)FLUORANTHENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	BENZO(b)FLUORANTHENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	BENZO(b)FLUORANTHENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BENZO(b)FLUORANTHENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	BENZO(ghi)PERYLENE	10.0000		UG/L	U	V	5926.40	5.70

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40793	U	VE40743AE	VE	BENZO(ghi)PERYLENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	BENZO(ghi)PERYLENE	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	BENZO(ghi)PERYLENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	BENZO(ghi)PERYLENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	BENZO(ghi)PERYLENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	BENZO(ghi)PERYLENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	BENZO(ghi)PERYLENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	BENZO(ghi)PERYLENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	BENZO(ghi)PERYLENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	BENZO(ghi)PERYLENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	BENZO(ghi)PERYLENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	BENZO(ghi)PERYLENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	BENZO(ghi)PERYLENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	BENZO(ghi)PERYLENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BENZO(ghi)PERYLENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	BENZO(k)FLUORANTHENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	BENZO(k)FLUORANTHENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	BENZO(k)FLUORANTHENE	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	BENZO(k)FLUORANTHENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	BENZO(k)FLUORANTHENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	BENZO(k)FLUORANTHENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	BENZO(k)FLUORANTHENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	BENZO(k)FLUORANTHENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	BENZO(k)FLUORANTHENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	BENZO(k)FLUORANTHENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	BENZO(k)FLUORANTHENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	BENZO(k)FLUORANTHENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	BENZO(k)FLUORANTHENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	BENZO(k)FLUORANTHENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	BENZO(k)FLUORANTHENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BENZO(k)FLUORANTHENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	BENZOIC ACID	50.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	BENZOIC ACID	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	BENZOIC ACID	50.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	BENZOIC ACID	58.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	BENZOIC ACID	50.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	BENZOIC ACID	52.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	BENZOIC ACID	55.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	BENZOIC ACID	50.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	BENZOIC ACID	50.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	BENZOIC ACID	52.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	BENZOIC ACID	50.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	BENZOIC ACID	50.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	BENZOIC ACID	50.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	BENZOIC ACID	50.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	BENZOIC ACID	50.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BENZOIC ACID	55.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	BENZYL ALCOHOL	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	BENZYL ALCOHOL	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	BENZYL ALCOHOL	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	BENZYL ALCOHOL	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	BENZYL ALCOHOL	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	BENZYL ALCOHOL	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	BENZYL ALCOHOL	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	BENZYL ALCOHOL	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	BENZYL ALCOHOL	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	BENZYL ALCOHOL	11.0000		UG/L	U	V	5964.52	7.90

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43793	U	VE40753AE	VE	BENZYL ALCOHOL	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	BENZYL ALCOHOL	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	BENZYL ALCOHOL	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	BENZYL ALCOHOL	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	BENZYL ALCOHOL	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BENZYL ALCOHOL	11.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	BIS(2-CHLOROETHOXY)METHANE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	BIS(2-CHLOROETHOXY)METHANE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	BIS(2-CHLOROETHOXY)METHANE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	BIS(2-CHLOROETHOXY)METHANE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	BIS(2-CHLOROETHOXY)METHANE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	BIS(2-CHLOROETHOXY)METHANE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	BIS(2-CHLOROETHOXY)METHANE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	BIS(2-CHLOROETHOXY)METHANE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	BIS(2-CHLOROETHOXY)METHANE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	BIS(2-CHLOROETHOXY)METHANE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	BIS(2-CHLOROETHOXY)METHANE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	BIS(2-CHLOROETHOXY)METHANE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	BIS(2-CHLOROETHOXY)METHANE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	BIS(2-CHLOROETHOXY)METHANE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	BIS(2-CHLOROETHOXY)METHANE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BIS(2-CHLOROETHOXY)METHANE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	BIS(2-CHLOROETHYL)ETHER	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	BIS(2-CHLOROETHYL)ETHER	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	BIS(2-CHLOROETHYL)ETHER	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	BIS(2-CHLOROETHYL)ETHER	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	BIS(2-CHLOROETHYL)ETHER	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	BIS(2-CHLOROETHYL)ETHER	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	BIS(2-CHLOROETHYL)ETHER	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	BIS(2-CHLOROETHYL)ETHER	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	BIS(2-CHLOROETHYL)ETHER	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	BIS(2-CHLOROETHYL)ETHER	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	BIS(2-CHLOROETHYL)ETHER	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	BIS(2-CHLOROETHYL)ETHER	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	BIS(2-CHLOROETHYL)ETHER	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	BIS(2-CHLOROETHYL)ETHER	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	BIS(2-CHLOROETHYL)ETHER	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BIS(2-CHLOROETHYL)ETHER	11.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BIS(2-CHLOROISOPROPYL)ETHER	11.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	10.0000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	94.0000		UG/L	U	JA	5950.20	5.80
40993	L	VE40752AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	26.0000		UG/L	U	JA	5955.50	25.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
41593	U	VE40757AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	110.0000		UG/L	U	JA	5964.93	4.50
41793	U	VE40745AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	10.0000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	120.0000		UG/L	U	JA	5964.56	7.10
42893	U	VE40742AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	11.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	10.0000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	42.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	34.0000		UG/L	U	JA	5964.52	7.90
43793	U	VE40753AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	150.0000		UG/L	U	JA	5967.60	4.50
43793	L	VE40754AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	42.0000		UG/L	U	JA	5961.30	10.80
44093	U	VE40748AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	15.0000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	10.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BIS(2-ETHYLHEXYL)PHTHALATE	170.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	BUTYL BENZYL PHTHALATE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	BUTYL BENZYL PHTHALATE	2.0000		UG/L	J	A	5950.20	5.80
40993	L	VE40752AE	VE	BUTYL BENZYL PHTHALATE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	BUTYL BENZYL PHTHALATE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	BUTYL BENZYL PHTHALATE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	BUTYL BENZYL PHTHALATE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	BUTYL BENZYL PHTHALATE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	BUTYL BENZYL PHTHALATE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	BUTYL BENZYL PHTHALATE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	BUTYL BENZYL PHTHALATE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	BUTYL BENZYL PHTHALATE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	BUTYL BENZYL PHTHALATE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	BUTYL BENZYL PHTHALATE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	BUTYL BENZYL PHTHALATE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	BUTYL BENZYL PHTHALATE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	BUTYL BENZYL PHTHALATE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	CHRYSENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	CHRYSENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	CHRYSENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	CHRYSENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	CHRYSENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	CHRYSENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	CHRYSENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	CHRYSENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	CHRYSENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	CHRYSENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	CHRYSENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	CHRYSENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	CHRYSENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	CHRYSENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	CHRYSENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	CHRYSENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	DI-n-BUTYL PHTHALATE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	DI-n-BUTYL PHTHALATE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	DI-n-BUTYL PHTHALATE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	DI-n-BUTYL PHTHALATE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	DI-n-BUTYL PHTHALATE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	DI-n-BUTYL PHTHALATE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	DI-n-BUTYL PHTHALATE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	DI-n-BUTYL PHTHALATE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	DI-n-BUTYL PHTHALATE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	DI-n-BUTYL PHTHALATE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	DI-n-BUTYL PHTHALATE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	DI-n-BUTYL PHTHALATE	10.0000		UG/L	U	V	5961.30	10.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
44093	U	VE40748AE	VE	DI-n-BUTYL PHTHALATE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	DI-n-BUTYL PHTHALATE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	DI-n-BUTYL PHTHALATE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	DI-n-BUTYL PHTHALATE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	DI-n-OCTYL PHTHALATE	12.0000		UG/L		V	5926.40	5.70
40793	U	VE40743AE	VE	DI-n-OCTYL PHTHALATE	9.0000		UG/L	J	A	5950.20	5.80
40993	L	VE40752AE	VE	DI-n-OCTYL PHTHALATE	86.0000		UG/L		JA	5955.50	25.80
41593	U	VE40757AE	VE	DI-n-OCTYL PHTHALATE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	DI-n-OCTYL PHTHALATE	5.0000		UG/L	J	A	5953.30	10.50
42493	L	VE40756AE	VE	DI-n-OCTYL PHTHALATE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	DI-n-OCTYL PHTHALATE	5.0000		UG/L	J	A	5972.30	5.80
43193	U	VE40746AE	VE	DI-n-OCTYL PHTHALATE	4.0000		UG/L	J	A	5959.90	4.50
43193	L	VE40747AE	VE	DI-n-OCTYL PHTHALATE	22.0000		UG/L		V	5955.70	8.70
43693	U	VE40755AE	VE	DI-n-OCTYL PHTHALATE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	DI-n-OCTYL PHTHALATE	7.0000		UG/L	J	A	5967.60	4.50
43793	L	VE40754AE	VE	DI-n-OCTYL PHTHALATE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	DI-n-OCTYL PHTHALATE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	DI-n-OCTYL PHTHALATE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	DI-n-OCTYL PHTHALATE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	DI-n-OCTYL PHTHALATE	7.0000		UG/L	J	A	0.00	0.00
40393	U	VE40741AE	VE	DIBENZO(a,h)ANTHRACENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	DIBENZO(a,h)ANTHRACENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	DIBENZO(a,h)ANTHRACENE	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	DIBENZO(a,h)ANTHRACENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	DIBENZO(a,h)ANTHRACENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	DIBENZO(a,h)ANTHRACENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	DIBENZO(a,h)ANTHRACENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	DIBENZO(a,h)ANTHRACENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	DIBENZO(a,h)ANTHRACENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	DIBENZO(a,h)ANTHRACENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	DIBENZO(a,h)ANTHRACENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	DIBENZO(a,h)ANTHRACENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	DIBENZO(a,h)ANTHRACENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	DIBENZO(a,h)ANTHRACENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	DIBENZO(a,h)ANTHRACENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	DIBENZO(a,h)ANTHRACENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	DIBENZOFURAN	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	DIBENZOFURAN	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	DIBENZOFURAN	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	DIBENZOFURAN	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	DIBENZOFURAN	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	DIBENZOFURAN	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	DIBENZOFURAN	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	DIBENZOFURAN	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	DIBENZOFURAN	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	DIBENZOFURAN	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	DIBENZOFURAN	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	DIBENZOFURAN	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	DIBENZOFURAN	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	DIBENZOFURAN	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	DIBENZOFURAN	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	DIBENZOFURAN	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	DIETHYL PHTHALATE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	DIETHYL PHTHALATE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	DIETHYL PHTHALATE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	DIETHYL PHTHALATE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	DIETHYL PHTHALATE	10.0000		UG/L	U	V	5953.30	10.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
42493	L	VE40756AE	VE	DIETHYL PHTHALATE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	DIETHYL PHTHALATE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	DIETHYL PHTHALATE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	DIETHYL PHTHALATE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	DIETHYL PHTHALATE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	DIETHYL PHTHALATE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	DIETHYL PHTHALATE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	DIETHYL PHTHALATE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	DIETHYL PHTHALATE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	DIETHYL PHTHALATE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	DIETHYL PHTHALATE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	DIMETHYL PHTHALATE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	DIMETHYL PHTHALATE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	DIMETHYL PHTHALATE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	DIMETHYL PHTHALATE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	DIMETHYL PHTHALATE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	DIMETHYL PHTHALATE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	DIMETHYL PHTHALATE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	DIMETHYL PHTHALATE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	DIMETHYL PHTHALATE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	DIMETHYL PHTHALATE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	DIMETHYL PHTHALATE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	DIMETHYL PHTHALATE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	DIMETHYL PHTHALATE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	DIMETHYL PHTHALATE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	DIMETHYL PHTHALATE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	DIMETHYL PHTHALATE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	FLUORANTHENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	FLUORANTHENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	FLUORANTHENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	FLUORANTHENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	FLUORANTHENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	FLUORANTHENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	FLUORANTHENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	FLUORANTHENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	FLUORANTHENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	FLUORANTHENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	FLUORANTHENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	FLUORANTHENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	FLUORANTHENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	FLUORANTHENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	FLUORANTHENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	FLUORANTHENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	FLUORENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	FLUORENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	FLUORENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	FLUORENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	FLUORENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	FLUORENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	FLUORENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	FLUORENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	FLUORENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	FLUORENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	FLUORENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	FLUORENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	FLUORENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	FLUORENE	10.0000		UG/L	U	V	5972.90	4.00

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
44393	L	VE40750AE	VE	FLUORENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	FLUORENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	HEXACHLOROBENZENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	HEXACHLOROBENZENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	HEXACHLOROBENZENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	HEXACHLOROBENZENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	HEXACHLOROBENZENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	HEXACHLOROBENZENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	HEXACHLOROBENZENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	HEXACHLOROBENZENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	HEXACHLOROBENZENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	HEXACHLOROBENZENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	HEXACHLOROBENZENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	HEXACHLOROBENZENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	HEXACHLOROBENZENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	HEXACHLOROBENZENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	HEXACHLOROBENZENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	HEXACHLOROBENZENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	HEXACHLOROBUTADIENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	HEXACHLOROBUTADIENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	HEXACHLOROBUTADIENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	HEXACHLOROBUTADIENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	HEXACHLOROBUTADIENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	HEXACHLOROBUTADIENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	HEXACHLOROBUTADIENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	HEXACHLOROBUTADIENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	HEXACHLOROBUTADIENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	HEXACHLOROBUTADIENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	HEXACHLOROBUTADIENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	HEXACHLOROBUTADIENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	HEXACHLOROBUTADIENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	HEXACHLOROBUTADIENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	HEXACHLOROBUTADIENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	HEXACHLOROBUTADIENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	HEXACHLOROCYCLOPENTADIENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	HEXACHLOROCYCLOPENTADIENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	HEXACHLOROCYCLOPENTADIENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	HEXACHLOROCYCLOPENTADIENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	HEXACHLOROCYCLOPENTADIENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	HEXACHLOROCYCLOPENTADIENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	HEXACHLOROCYCLOPENTADIENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	HEXACHLOROCYCLOPENTADIENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	HEXACHLOROCYCLOPENTADIENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	HEXACHLOROCYCLOPENTADIENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	HEXACHLOROCYCLOPENTADIENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	HEXACHLOROCYCLOPENTADIENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	HEXACHLOROCYCLOPENTADIENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	HEXACHLOROCYCLOPENTADIENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	HEXACHLOROCYCLOPENTADIENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	HEXACHLOROCYCLOPENTADIENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	HEXACHLOROETHANE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	HEXACHLOROETHANE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	HEXACHLOROETHANE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	HEXACHLOROETHANE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	HEXACHLOROETHANE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	HEXACHLOROETHANE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	HEXACHLOROETHANE	11.0000		UG/L	U	V	5972.30	5.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43193	U	VE40746AE	VE	HEXACHLOROETHANE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	HEXACHLOROETHANE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	HEXACHLOROETHANE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	HEXACHLOROETHANE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	HEXACHLOROETHANE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	HEXACHLOROETHANE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	HEXACHLOROETHANE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	HEXACHLOROETHANE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	HEXACHLOROETHANE	11.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	INDENO(1,2,3-cd)PYRENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	INDENO(1,2,3-cd)PYRENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	INDENO(1,2,3-cd)PYRENE	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	INDENO(1,2,3-cd)PYRENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	INDENO(1,2,3-cd)PYRENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	INDENO(1,2,3-cd)PYRENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	INDENO(1,2,3-cd)PYRENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	INDENO(1,2,3-cd)PYRENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	INDENO(1,2,3-cd)PYRENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	INDENO(1,2,3-cd)PYRENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	INDENO(1,2,3-cd)PYRENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	INDENO(1,2,3-cd)PYRENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	INDENO(1,2,3-cd)PYRENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	INDENO(1,2,3-cd)PYRENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	INDENO(1,2,3-cd)PYRENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	INDENO(1,2,3-cd)PYRENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	ISOPHORONE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	ISOPHORONE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	ISOPHORONE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	ISOPHORONE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	ISOPHORONE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	ISOPHORONE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	ISOPHORONE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	ISOPHORONE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	ISOPHORONE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	ISOPHORONE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	ISOPHORONE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	ISOPHORONE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	ISOPHORONE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	ISOPHORONE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	ISOPHORONE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	ISOPHORONE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	N-NITROSO-DI-n-PROPYLAMINE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	N-NITROSO-DI-n-PROPYLAMINE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	N-NITROSO-DI-n-PROPYLAMINE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	N-NITROSO-DI-n-PROPYLAMINE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	N-NITROSO-DI-n-PROPYLAMINE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	N-NITROSO-DI-n-PROPYLAMINE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	N-NITROSO-DI-n-PROPYLAMINE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	N-NITROSO-DI-n-PROPYLAMINE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	N-NITROSO-DI-n-PROPYLAMINE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	N-NITROSO-DI-n-PROPYLAMINE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	N-NITROSO-DI-n-PROPYLAMINE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	N-NITROSO-DI-n-PROPYLAMINE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	N-NITROSO-DI-n-PROPYLAMINE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	N-NITROSO-DI-n-PROPYLAMINE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	N-NITROSO-DI-n-PROPYLAMINE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	N-NITROSO-DI-n-PROPYLAMINE	11.0000		UG/L	U	V	0.00	0.00

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40393	U	VE40741AE	VE	N-NITROSODIPHENYLAMINE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	N-NITROSODIPHENYLAMINE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	N-NITROSODIPHENYLAMINE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	N-NITROSODIPHENYLAMINE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	N-NITROSODIPHENYLAMINE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	N-NITROSODIPHENYLAMINE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	N-NITROSODIPHENYLAMINE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	N-NITROSODIPHENYLAMINE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	N-NITROSODIPHENYLAMINE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	N-NITROSODIPHENYLAMINE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	N-NITROSODIPHENYLAMINE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	N-NITROSODIPHENYLAMINE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	N-NITROSODIPHENYLAMINE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	N-NITROSODIPHENYLAMINE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	N-NITROSODIPHENYLAMINE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	N-NITROSODIPHENYLAMINE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	NAPHTHALENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	NAPHTHALENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	NAPHTHALENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	NAPHTHALENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	NAPHTHALENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	NAPHTHALENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	NAPHTHALENE	11.0000		UG/L	U	V	5972.30	5:80
43193	U	VE40746AE	VE	NAPHTHALENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	NAPHTHALENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	NAPHTHALENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	NAPHTHALENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	NAPHTHALENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	NAPHTHALENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	NAPHTHALENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	NAPHTHALENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	NAPHTHALENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	NITROBENZENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	NITROBENZENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	NITROBENZENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	NITROBENZENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	NITROBENZENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	NITROBENZENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	NITROBENZENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	NITROBENZENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	NITROBENZENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	NITROBENZENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	NITROBENZENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	NITROBENZENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	NITROBENZENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	NITROBENZENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	NITROBENZENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	NITROBENZENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	PENTACHLOROPHENOL	50.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	PENTACHLOROPHENOL	50.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	PENTACHLOROPHENOL	50.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	PENTACHLOROPHENOL	58.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	PENTACHLOROPHENOL	50.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	PENTACHLOROPHENOL	52.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	PENTACHLOROPHENOL	55.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	PENTACHLOROPHENOL	50.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	PENTACHLOROPHENOL	50.0000		UG/L	U	V	5955.70	8.70

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43693	U	VE40755AE	VE	PENTACHLOROPHENOL	52.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	PENTACHLOROPHENOL	50.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	PENTACHLOROPHENOL	50.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	PENTACHLOROPHENOL	50.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	PENTACHLOROPHENOL	50.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	PENTACHLOROPHENOL	50.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	PENTACHLOROPHENOL	55.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	PHENANTHRENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	PHENANTHRENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	PHENANTHRENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	PHENANTHRENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	PHENANTHRENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	PHENANTHRENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	PHENANTHRENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	PHENANTHRENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	PHENANTHRENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	PHENANTHRENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	PHENANTHRENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	PHENANTHRENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	PHENANTHRENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	PHENANTHRENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	PHENANTHRENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	PHENANTHRENE	11.0000		UG/L	U	JA	0.00	0.00
40393	U	VE40741AE	VE	PHENOL	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	PHENOL	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	PHENOL	10.0000		UG/L	U	R	5955.50	25.80
41593	U	VE40757AE	VE	PHENOL	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	PHENOL	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	PHENOL	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	PHENOL	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	PHENOL	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	PHENOL	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	PHENOL	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	PHENOL	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	PHENOL	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	PHENOL	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	PHENOL	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	PHENOL	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	PHENOL	11.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	PYRENE	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	PYRENE	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	PYRENE	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	PYRENE	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	PYRENE	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	PYRENE	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	PYRENE	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	PYRENE	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	PYRENE	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	PYRENE	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	PYRENE	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	PYRENE	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	PYRENE	10.0000		UG/L	U	V	5963.00	5.60
44393	U	VE40749AE	VE	PYRENE	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	PYRENE	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	PYRENE	11.0000		UG/L	U	JA	0.00	0.00
40993	L	VE40752AE	VE	Unknown	52.0000		UG/L	J	Z	5955.50	25.80
40993	L	VE40752AE	VE	Unknown	280.0000		UG/L	J	Z	5955.50	25.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40993	L	VE40752AE	VE	Unknown	160.0000		UG/L	J	Z	5955.50	25.80
43693	U	VE40755AE	VE	Unknown	9.0000		UG/L	J	Z	5964.52	7.90
44093	U	VE40748AE	VE	Unknown	10.0000		UG/L	J	Z	5963.00	5.60
40793	U	VE40743AE	VE	Unknown Alkane	27.0000		UG/L	J	Z	5950.20	5.80
41593	U	VE40757AE	VE	Unknown Alkane	29.0000		UG/L	J	Z	5964.93	4.50
41593	U	VE40757AE	VE	Unknown Alkane	30.0000		UG/L	J	Z	5964.93	4.50
43193	L	VE40747AE	VE	Unknown Alkane	12.0000		UG/L	J	Z	5955.70	8.70
43193	L	VE40747AE	VE	Unknown Alkane	20.0000		UG/L	J	Z	5955.70	8.70
43793	U	VE40753AE	VE	Unknown Alkane	18.0000		UG/L	J	Z	5967.60	4.50
43793	U	VE40753AE	VE	Unknown Alkane	20.0000		UG/L	JB	Z	5967.60	4.50
40393	U	VE40741AE	VE	Unknown Phthalate	11.0000		UG/L	J	Z	5926.40	5.70
40393	U	VE40741AE	VE	p-BROMODIPHENYL ETHER	10.0000		UG/L	U	V	5926.40	5.70
40793	U	VE40743AE	VE	p-BROMODIPHENYL ETHER	10.0000		UG/L	U	V	5950.20	5.80
40993	L	VE40752AE	VE	p-BROMODIPHENYL ETHER	10.0000		UG/L	U	V	5955.50	25.80
41593	U	VE40757AE	VE	p-BROMODIPHENYL ETHER	12.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	p-BROMODIPHENYL ETHER	10.0000		UG/L	U	V	5953.30	10.50
42493	L	VE40756AE	VE	p-BROMODIPHENYL ETHER	11.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	p-BROMODIPHENYL ETHER	11.0000		UG/L	U	V	5972.30	5.80
43193	U	VE40746AE	VE	p-BROMODIPHENYL ETHER	10.0000		UG/L	U	V	5959.90	4.50
43193	L	VE40747AE	VE	p-BROMODIPHENYL ETHER	10.0000		UG/L	U	V	5955.70	8.70
43693	U	VE40755AE	VE	p-BROMODIPHENYL ETHER	11.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	p-BROMODIPHENYL ETHER	10.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	p-BROMODIPHENYL ETHER	10.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	p-BROMODIPHENYL ETHER	10.0000		UG/L	U-	V	5963.00	5.60
44393	U	VE40749AE	VE	p-BROMODIPHENYL ETHER	10.0000		UG/L	U	V	5972.90	4.00
44393	L	VE40750AE	VE	p-BROMODIPHENYL ETHER	10.0000		UG/L	U	V	5969.30	7.60
SW089	U	VE40777AE	VE	p-BROMODIPHENYL ETHER	11.0000		UG/L	U	JA	0.00	0.00

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40393	U	VE40741AE	VE	4,4'-DDD	0.1000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	4,4'-DDD	0.1000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	4,4'-DDD	0.1000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	4,4'-DDD	1.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	4,4'-DDD	0.1000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	4,4'-DDD	0.1000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	4,4'-DDD	0.1000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	4,4'-DDD	0.1000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	4,4'-DDD	0.1000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	4,4'-DDD	0.1000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	4,4'-DDD	0.1000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	4,4'-DDD	0.1000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	4,4'-DDD	0.1000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	4,4'-DDD	0.1000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	4,4'-DDD	0.1000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	4,4'-DDD	0.1000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	4,4'-DDD	0.1000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	4,4'-DDD	0.1000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	4,4'-DDE	0.1000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	4,4'-DDE	0.1000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	4,4'-DDE	0.1000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	4,4'-DDE	1.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	4,4'-DDE	0.1000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	4,4'-DDE	0.1000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	4,4'-DDE	0.1000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	4,4'-DDE	0.1000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	4,4'-DDE	0.1000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	4,4'-DDE	0.1000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	4,4'-DDE	0.1000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	4,4'-DDE	0.1000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	4,4'-DDE	0.1000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	4,4'-DDE	0.1000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	4,4'-DDE	0.1000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	4,4'-DDE	0.1000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	4,4'-DDE	0.1000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	4,4'-DDE	0.1000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	4,4'-DDT	0.1000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	4,4'-DDT	0.1000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	4,4'-DDT	0.1000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	4,4'-DDT	1.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	4,4'-DDT	0.1000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	4,4'-DDT	0.1000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	4,4'-DDT	0.1000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	4,4'-DDT	0.1000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	4,4'-DDT	0.1000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	4,4'-DDT	0.1000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	4,4'-DDT	0.1000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	4,4'-DDT	0.1000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	4,4'-DDT	0.1000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	4,4'-DDT	0.1000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	4,4'-DDT	0.1000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	4,4'-DDT	0.1000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	4,4'-DDT	0.1000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	4,4'-DDT	0.1000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	ALDRIN	0.0500		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	ALDRIN	0.0500		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	ALDRIN	0.0500		UG/L	U	V	5969.30	12.00

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40993	L	VE40752AE	VE	ALDRIN	0.5000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	ALDRIN	0.0500		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	ALDRIN	0.0500		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	ALDRIN	0.0500		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	ALDRIN	0.0500		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	ALDRIN	0.0500		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	ALDRIN	0.0500		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	ALDRIN	0.0500		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	ALDRIN	0.0500		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	ALDRIN	0.0500		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	ALDRIN	0.0500		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	ALDRIN	0.0500		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	ALDRIN	0.0500		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	ALDRIN	0.0500		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	ALDRIN	0.0500		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	AROCLOR-1016	0.5000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	AROCLOR-1016	0.5000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	AROCLOR-1016	0.5000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	AROCLOR-1016	5.0000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	AROCLOR-1016	0.5000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	AROCLOR-1016	0.5000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	AROCLOR-1016	0.5000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	AROCLOR-1016	0.5000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	AROCLOR-1016	0.5000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	AROCLOR-1016	0.5000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	AROCLOR-1016	0.5000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	AROCLOR-1016	0.5000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	AROCLOR-1016	0.5000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	AROCLOR-1016	0.5000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	AROCLOR-1016	0.5000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	AROCLOR-1016	0.5000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	AROCLOR-1016	0.5000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	AROCLOR-1016	0.5000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	AROCLOR-1221	0.5000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	AROCLOR-1221	0.5000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	AROCLOR-1221	0.5000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	AROCLOR-1221	5.0000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	AROCLOR-1221	0.5000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	AROCLOR-1221	0.5000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	AROCLOR-1221	0.5000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	AROCLOR-1221	0.5000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	AROCLOR-1221	0.5000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	AROCLOR-1221	0.5000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	AROCLOR-1221	0.5000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	AROCLOR-1221	0.5000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	AROCLOR-1221	0.5000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	AROCLOR-1221	0.5000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	AROCLOR-1221	0.5000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	AROCLOR-1221	0.5000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	AROCLOR-1221	0.5000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	AROCLOR-1221	0.5000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	AROCLOR-1232	0.5000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	AROCLOR-1232	0.5000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	AROCLOR-1232	0.5000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	AROCLOR-1232	5.0000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	AROCLOR-1232	0.5000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	AROCLOR-1232	0.5000		UG/L	U	V	5964.93	4.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
41793	U	VE40745AE	VE	AROCLOR-1232	0.5000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	AROCLOR-1232	0.5000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	AROCLOR-1232	0.5000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	AROCLOR-1232	0.5000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	AROCLOR-1232	0.5000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	AROCLOR-1232	0.5000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	AROCLOR-1232	0.5000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	AROCLOR-1232	0.5000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	AROCLOR-1232	0.5000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	AROCLOR-1232	0.5000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	AROCLOR-1232	0.5000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	AROCLOR-1232	0.5000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	AROCLOR-1242	0.5000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	AROCLOR-1242	0.5000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	AROCLOR-1242	0.5000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	AROCLOR-1242	5.0000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	AROCLOR-1242	0.5000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	AROCLOR-1242	0.5000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	AROCLOR-1242	0.5000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	AROCLOR-1242	0.5000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	AROCLOR-1242	0.5000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	AROCLOR-1242	0.5000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	AROCLOR-1242	0.5000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	AROCLOR-1242	0.5000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	AROCLOR-1242	0.5000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	AROCLOR-1242	0.5000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	AROCLOR-1242	0.5000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	AROCLOR-1242	0.5000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	AROCLOR-1242	0.5000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	AROCLOR-1242	0.5000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	AROCLOR-1248	0.5000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	AROCLOR-1248	0.5000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	AROCLOR-1248	0.5000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	AROCLOR-1248	5.0000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	AROCLOR-1248	0.5000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	AROCLOR-1248	0.5000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	AROCLOR-1248	0.5000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	AROCLOR-1248	0.5000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	AROCLOR-1248	0.5000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	AROCLOR-1248	0.5000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	AROCLOR-1248	0.5000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	AROCLOR-1248	0.5000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	AROCLOR-1248	0.5000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	AROCLOR-1248	0.5000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	AROCLOR-1248	0.5000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	AROCLOR-1248	0.5000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	AROCLOR-1248	0.5000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	AROCLOR-1248	0.5000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	AROCLOR-1254	1.0000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	AROCLOR-1254	1.0000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	AROCLOR-1254	1.0000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	AROCLOR-1254	10.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	AROCLOR-1254	1.0000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	AROCLOR-1254	1.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	AROCLOR-1254	1.0000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	AROCLOR-1254	1.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	AROCLOR-1254	1.0000		UG/L	U	JA	5972.30	5.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43193	U	VE40746AE	VE	AROCLOR-1254	1.0000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	AROCLOR-1254	1.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	AROCLOR-1254	1.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	AROCLOR-1254	1.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	AROCLOR-1254	1.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	AROCLOR-1254	1.0000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	AROCLOR-1254	1.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	AROCLOR-1254	1.0000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	AROCLOR-1254	1.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	AROCLOR-1260	1.0000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	AROCLOR-1260	1.0000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	AROCLOR-1260	1.0000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	AROCLOR-1260	10.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	AROCLOR-1260	1.0000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	AROCLOR-1260	1.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	AROCLOR-1260	1.0000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	AROCLOR-1260	1.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	AROCLOR-1260	1.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	AROCLOR-1260	1.0000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	AROCLOR-1260	1.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	AROCLOR-1260	1.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	AROCLOR-1260	1.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	AROCLOR-1260	1.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	AROCLOR-1260	1.0000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	AROCLOR-1260	1.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	AROCLOR-1260	1.0000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	AROCLOR-1260	1.0000		UG/L	U	V	0.00	0.00
40393	U	VE40759AE	VE	CYANIDE	0.0500		MG/L	U		5926.40	5.70
40393	U	VE40776AE	VE	CYANIDE	0.0500		MG/L	U		5926.40	5.70
40793	U	VE40761AE	VE	CYANIDE	0.0500		MG/L	U		5950.20	5.80
40993	L	VE40770AE	VE	CYANIDE	1.0000		MG/L			5955.50	25.80
41293	U	VE40762AE	VE	CYANIDE	0.0500		MG/L	U		5951.90	2.80
41593	U	VE40775AE	VE	CYANIDE	0.0500		MG/L	U		5964.93	4.50
41793	U	VE40763AE	VE	CYANIDE	0.0500		MG/L	U		5953.30	10.50
42493	L	VE40774AE	VE	CYANIDE	0.0500		MG/L	U		5964.56	7.10
42893	U	VE40760AE	VE	CYANIDE	0.0500		MG/L	U		5972.30	5.80
43193	U	VE40764AE	VE	CYANIDE	0.0500		MG/L	U		5959.90	4.50
43193	L	VE40765AE	VE	CYANIDE	0.0500		MG/L	U		5955.70	8.70
43693	U	VE40773AE	VE	CYANIDE	0.0500		MG/L	U		5964.52	7.90
43693	U	VE40779AE	VE	CYANIDE	0.0680		MG/L			5964.52	7.90
43793	U	VE40771AE	VE	CYANIDE	0.0500		MG/L	U		5967.60	4.50
43793	L	VE40772AE	VE	CYANIDE	0.0500		MG/L	U		5961.30	10.80
44093	U	VE40766AE	VE	CYANIDE	0.0500		MG/L	U		5963.00	5.60
44393	U	VE40767AE	VE	CYANIDE	0.0500		MG/L	U		5972.90	4.00
44393	L	VE40768AE	VE	CYANIDE	0.0500		MG/L	U		5969.30	7.60
40393	U	VE40741AE	VE	DIELDRIN	0.1000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	DIELDRIN	0.1000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	DIELDRIN	0.1000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	DIELDRIN	1.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	DIELDRIN	0.1000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	DIELDRIN	0.1000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	DIELDRIN	0.1000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	DIELDRIN	0.1000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	DIELDRIN	0.1000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	DIELDRIN	0.1000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	DIELDRIN	0.1000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	DIELDRIN	0.1000		UG/L	U	V	5964.52	7.90

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43793	U	VE40753AE	VE	DIELDRIN	0.1000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	DIELDRIN	0.1000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	DIELDRIN	0.1000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	DIELDRIN	0.1000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	DIELDRIN	0.1000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	DIELDRIN	0.1000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	ENDOSULFAN I	0.0500		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	ENDOSULFAN I	0.0500		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	ENDOSULFAN I	0.0500		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	ENDOSULFAN I	0.5000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	ENDOSULFAN I	0.0500		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	ENDOSULFAN I	0.0500		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	ENDOSULFAN I	0.0500		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	ENDOSULFAN I	0.0500		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	ENDOSULFAN I	0.0500		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	ENDOSULFAN I	0.0500		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	ENDOSULFAN I	0.0500		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	ENDOSULFAN I	0.0500		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	ENDOSULFAN I	0.0500		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	ENDOSULFAN I	0.0500		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	ENDOSULFAN I	0.0500		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	ENDOSULFAN I	0.0500		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	ENDOSULFAN I	0.0500		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	ENDOSULFAN I	0.0500		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	ENDOSULFAN II	0.1000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	ENDOSULFAN II	0.1000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	ENDOSULFAN II	0.1000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	ENDOSULFAN II	1.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	ENDOSULFAN II	0.1000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	ENDOSULFAN II	0.1000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	ENDOSULFAN II	0.1000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	ENDOSULFAN II	0.1000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	ENDOSULFAN II	0.1000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	ENDOSULFAN II	0.1000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	ENDOSULFAN II	0.1000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	ENDOSULFAN II	0.1000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	ENDOSULFAN II	0.1000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	ENDOSULFAN II	0.1000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	ENDOSULFAN II	0.1000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	ENDOSULFAN II	0.1000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	ENDOSULFAN II	0.1000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	ENDOSULFAN II	0.1000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	ENDOSULFAN SULFATE	1.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	JA	5963.00	5.60

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
44393	U	VE40749AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	ENDOSULFAN SULFATE	0.1000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	ENDRIN	0.1000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	ENDRIN	0.1000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	ENDRIN	0.1000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	ENDRIN	1.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	ENDRIN	0.1000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	ENDRIN	0.1000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	ENDRIN	0.1000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	ENDRIN	0.1000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	ENDRIN	0.1000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	ENDRIN	0.1000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	ENDRIN	0.1000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	ENDRIN	0.1000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	ENDRIN	0.1000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	ENDRIN	0.1000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	ENDRIN	0.1000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	ENDRIN	0.1000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	ENDRIN	0.1000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	ENDRIN	0.1000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	ENDRIN KETONE	0.1000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	ENDRIN KETONE	0.1000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	ENDRIN KETONE	0.1000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	ENDRIN KETONE	1.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	ENDRIN KETONE	0.1000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	ENDRIN KETONE	0.1000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	ENDRIN KETONE	0.1000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	ENDRIN KETONE	0.1000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	ENDRIN KETONE	0.1000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	ENDRIN KETONE	0.1000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	ENDRIN KETONE	0.1000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	ENDRIN KETONE	0.1000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	ENDRIN KETONE	0.1000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	ENDRIN KETONE	0.1000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	ENDRIN KETONE	0.1000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	ENDRIN KETONE	0.1000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	ENDRIN KETONE	0.1000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	ENDRIN KETONE	0.1000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	HEPTACHLOR	0.0500		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	HEPTACHLOR	0.0500		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	HEPTACHLOR	0.0500		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	HEPTACHLOR	0.5000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	HEPTACHLOR	0.0500		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	HEPTACHLOR	0.0500		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	HEPTACHLOR	0.0500		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	HEPTACHLOR	0.0500		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	HEPTACHLOR	0.0500		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	HEPTACHLOR	0.0500		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	HEPTACHLOR	0.0500		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	HEPTACHLOR	0.0500		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	HEPTACHLOR	0.0500		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	HEPTACHLOR	0.0500		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	HEPTACHLOR	0.0500		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	HEPTACHLOR	0.0500		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	HEPTACHLOR	0.0500		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	HEPTACHLOR	0.0500		UG/L	U	V	0.00	0.00

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
40393	U	VE40741AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	HEPTACHLOR EPOXIDE	0.5000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	HEPTACHLOR EPOXIDE	0.0500		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	METHOXYCHLOR	0.5000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	METHOXYCHLOR	0.5000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	METHOXYCHLOR	0.5000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	METHOXYCHLOR	5.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	METHOXYCHLOR	0.5000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	METHOXYCHLOR	0.5000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	METHOXYCHLOR	0.5000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	METHOXYCHLOR	0.5000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	METHOXYCHLOR	0.5000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	METHOXYCHLOR	0.5000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	METHOXYCHLOR	0.5000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	METHOXYCHLOR	0.5000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	METHOXYCHLOR	0.5000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	METHOXYCHLOR	0.5000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	METHOXYCHLOR	0.5000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	METHOXYCHLOR	0.5000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	METHOXYCHLOR	0.5000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	METHOXYCHLOR	0.5000		UG/L	U	V	0.00	0.00
40393	U	VE40701AE	VE	NITRATE/NITRITE	5360.0000		UG/L		V	5926.40	5.70
40393	U	VE40795AE	VE	NITRATE/NITRITE	5670.0000		UG/L		V	5926.40	5.70
40793	U	VE40704AE	VE	NITRATE/NITRITE	598.0000		UG/L		V	5950.20	5.80
40793	U	VE40797AE	VE	NITRATE/NITRITE	11800.0000		UG/L		V	5950.20	5.80
40793	U	VE40817AE	VE	NITRATE/NITRITE	25000.0000		UG/L		V	5950.20	5.80
40993	L	VE40705AE	VE	NITRATE/NITRITE	5810000.000		UG/L		V	5955.50	25.80
40993	U	VE40722AE	VE	NITRATE/NITRITE	1020000.000		UG/L		V	5969.30	12.00
40993	U	VE40791AE	VE	NITRATE/NITRITE	3980000.000		UG/L		V	5969.30	12.00
40993	U	VE40806AE	VE	NITRATE/NITRITE	444000.0000		UG/L		V	5969.30	12.00
40993	L	VE40807AE	VE	NITRATE/NITRITE	17600000.00		UG/L		V	5955.50	25.80
40993	U	VE40827AE	VE	NITRATE/NITRITE	4300000.000		UG/L		V	5969.30	12.00
40993	L	VE40828AE	VE	NITRATE/NITRITE	14900000.00		UG/L		V	5955.50	25.80
41293	U	VE40706AE	VE	NITRATE/NITRITE	148000.0000		UG/L		V	5951.90	2.80
41293	U	VE40798AE	VE	NITRATE/NITRITE	232000.0000		UG/L		V	5951.90	2.80
41293	U	VE40825AE	VE	NITRATE/NITRITE	20500.0000		UG/L		V	5951.90	2.80
41293	U	VE40834AE	VE	NITRATE/NITRITE	20.0000		UG/L	U	V	5951.90	2.80
41593	U	VE40707AE	VE	NITRATE/NITRITE	249000.0000		UG/L		V	5964.93	4.50
41593	U	VE40796AE	VE	NITRATE/NITRITE	3180000.000		UG/L		V	5964.93	4.50
41593	U	VE40816AE	VE	NITRATE/NITRITE	3550000.000		UG/L		V	5964.93	4.50
41593	U	VE40832AE	VE	NITRATE/NITRITE	5060.0000		MG/L		V	5964.93	4.50
41793	U	VE40708AE	VE	NITRATE/NITRITE	142000.0000		UG/L		V	5953.30	10.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
41793	U	VE40786AE	VE	NITRATE/NITRITE	154000.0000		UG/L		V	5953.30	10.50
41793	U	VE40809AE	VE	NITRATE/NITRITE	196000.0000		UG/L		V	5953.30	10.50
42493	L	VE40709AE	VE	NITRATE/NITRITE	77200.0000		UG/L		V	5964.56	7.10
42493	L	VE40794AE	VE	NITRATE/NITRITE	109000.0000		UG/L		V	5964.56	7.10
42493	L	VE40805AE	VE	NITRATE/NITRITE	124000.0000		UG/L		V	5964.56	7.10
42493	L	VE40815AE	VE	NITRATE/NITRITE	110000.0000		UG/L		V	5964.56	7.10
42493	L	VE40830AE	VE	NITRATE/NITRITE	129.0000		MG/L		V	5964.56	7.10
42893	U	VE40703AE	VE	NITRATE/NITRITE	20.0000		UG/L	U	V	5972.30	5.80
42893	U	VE40787AE	VE	NITRATE/NITRITE	1560.0000		UG/L		V	5972.30	5.80
42893	U	VE40811AE	VE	NITRATE/NITRITE	2770.0000		UG/L		V	5972.30	5.80
42893	U	VE40812AE	VE	NITRATE/NITRITE	3020.0000		UG/L		V	5972.30	5.80
42893	U	VE40826AE	VE	NITRATE/NITRITE	4290.0000		UG/L		V	5972.30	5.80
42893	U	VE40843AE	VE	NITRATE/NITRITE	7.8000		MG/L		V	5972.30	5.80
43193	U	VE40710AE	VE	NITRATE/NITRITE	351000.0000		UG/L		V	5959.90	4.50
43193	L	VE40716AE	VE	NITRATE/NITRITE	1310000.000		UG/L		V	5955.70	8.70
43193	U	VE40718AE	VE	NITRATE/NITRITE	347000.0000		UG/L		V	5959.90	4.50
43193	L	VE40784AE	VE	NITRATE/NITRITE	1130000.000		UG/L		V	5955.70	8.70
43193	U	VE40785AE	VE	NITRATE/NITRITE	212000.0000		UG/L		V	5959.90	4.50
43193	U	VE40802AE	VE	NITRATE/NITRITE	225000.0000		UG/L		V	5959.90	4.50
43193	L	VE40803AE	VE	NITRATE/NITRITE	1150000.000		UG/L		V	5955.70	8.70
43193	U	VE40823AE	VE	NITRATE/NITRITE	280000.0000		UG/L		V	5959.90	4.50
43193	L	VE40824AE	VE	NITRATE/NITRITE	1020000.000		UG/L		V	5955.70	8.70
43193	L	VE40842AE	VE	NITRATE/NITRITE	1340.0000		MG/L		V	5955.70	8.70
43693	U	VE40711AE	VE	NITRATE/NITRITE	2150000.000		UG/L		V	5964.52	7.90
43693	U	VE40793AE	VE	NITRATE/NITRITE	4720000.000		UG/L		V	5964.52	7.90
43693	U	VE40804AE	VE	NITRATE/NITRITE	4880000.000		UG/L		V	5964.52	7.90
43693	U	VE40814AE	VE	NITRATE/NITRITE	4830000.000		UG/L		V	5964.52	7.90
43693	U	VE40829AE	VE	NITRATE/NITRITE	5650.0000		MG/L		V	5964.52	7.90
43793	U	VE40712AE	VE	NITRATE/NITRITE	9560.0000		UG/L		V	5967.60	4.50
43793	L	VE40723AE	VE	NITRATE/NITRITE	224000.0000		UG/L		V	5961.30	10.80
43793	L	VE40788AE	VE	NITRATE/NITRITE	113000.0000		UG/L		V	5961.30	10.80
43793	U	VE40789AE	VE	NITRATE/NITRITE	134.0000		UG/L		V	5967.60	4.50
43793	L	VE40808AE	VE	NITRATE/NITRITE	108000.0000		UG/L		V	5961.30	10.80
43793	U	VE40810AE	VE	NITRATE/NITRITE	21.3000		UG/L		V	5967.60	4.50
43793	U	VE40820AE	VE	NITRATE/NITRITE	415.0000		UG/L		V	5967.60	4.50
43793	L	VE40821AE	VE	NITRATE/NITRITE	104000.0000		UG/L		V	5961.30	10.80
43793	U	VE40836AE	VE	NITRATE/NITRITE	7.2000		MG/L		V	5967.60	4.50
43793	L	VE40837AE	VE	NITRATE/NITRITE	148.0000		MG/L		V	5961.30	10.80
44093	U	VE40713AE	VE	NITRATE/NITRITE	12500.0000		UG/L		V	5963.00	5.60
44093	U	VE40783AE	VE	NITRATE/NITRITE	29600.0000		UG/L		V	5963.00	5.60
44093	U	VE40801AE	VE	NITRATE/NITRITE	40700.0000		UG/L		V	5963.00	5.60
44093	U	VE40822AE	VE	NITRATE/NITRITE	69900.0000		UG/L		V	5963.00	5.60
44093	U	VE40840AE	VE	NITRATE/NITRITE	48.5000		MG/L		V	5963.00	5.60
44393	U	VE40714AE	VE	NITRATE/NITRITE	4590.0000		UG/L		V	5972.90	4.00
44393	L	VE40715AE	VE	NITRATE/NITRITE	1990.0000		UG/L		V	5969.30	7.60
44393	L	VE40721AE	VE	NITRATE/NITRITE	2260.0000		UG/L		V	5969.30	7.60
44393	U	VE40781AE	VE	NITRATE/NITRITE	12900.0000		UG/L		V	5972.90	4.00
44393	L	VE40782AE	VE	NITRATE/NITRITE	2720.0000		UG/L		V	5969.30	7.60
44393	U	VE40799AE	VE	NITRATE/NITRITE	14100.0000		UG/L		V	5972.90	4.00
44393	L	VE40800AE	VE	NITRATE/NITRITE	2850.0000		UG/L		V	5969.30	7.60
44393	U	VE40818AE	VE	NITRATE/NITRITE	18400.0000		UG/L		V	5972.90	4.00
44393	L	VE40819AE	VE	NITRATE/NITRITE	2680.0000		UG/L		V	5969.30	7.60
44393	L	VE40835AE	VE	NITRATE/NITRITE	3700.0000		UG/L		V	5969.30	7.60
44393	U	VE40838AE	VE	NITRATE/NITRITE	23.1000		MG/L		V	5972.90	4.00
44393	L	VE40839AE	VE	NITRATE/NITRITE	4.0000		MG/L		V	5969.30	7.60
40393	U	VE40776AE	VE	SULFIDE	25.8000		MG/L			5926.40	5.70
40993	L	VE40770AE	VE	SULFIDE	1.0000		MG/L	U		5955.50	25.80

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
41293	U	VE40762AE	VE	SULFIDE	1.0000		MG/L	U		5951.90	2.80
41793	U	VE40763AE	VE	SULFIDE	1.0000		MG/L	U		5953.30	10.50
42493	L	VE40774AE	VE	SULFIDE	29.9000		MG/L			5964.56	7.10
42493	L	VE40780AE	VE	SULFIDE	2.7000		MG/L			5964.56	7.10
43193	U	VE40764AE	VE	SULFIDE	4.5000		MG/L			5959.90	4.50
43193	L	VE40765AE	VE	SULFIDE	1.0000		MG/L	U		5955.70	8.70
43693	U	VE40773AE	VE	SULFIDE	1.4000		MG/L			5964.52	7.90
43793	L	VE40772AE	VE	SULFIDE	1.0000		MG/L	U		5961.30	10.80
44093	U	VE40766AE	VE	SULFIDE	1.0000		MG/L	U		5963.00	5.60
44393	U	VE40767AE	VE	SULFIDE	1.0000		MG/L	U		5972.90	4.00
44393	L	VE40768AE	VE	SULFIDE	43.3000		MG/L			5969.30	7.60
40393	U	VE40741AE	VE	TOXAPHENE	1.0000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	TOXAPHENE	1.0000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	TOXAPHENE	1.0000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	TOXAPHENE	10.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	TOXAPHENE	1.0000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	TOXAPHENE	1.0000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	TOXAPHENE	1.0000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	TOXAPHENE	1.0000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	TOXAPHENE	1.0000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	TOXAPHENE	1.0000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	TOXAPHENE	1.0000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	TOXAPHENE	1.0000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	TOXAPHENE	1.0000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	TOXAPHENE	1.0000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	TOXAPHENE	1.0000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	TOXAPHENE	1.0000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	TOXAPHENE	1.0000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	TOXAPHENE	1.0000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	alpha-BHC	0.0500		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	alpha-BHC	0.0500		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	alpha-BHC	0.0500		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	alpha-BHC	0.5000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	alpha-BHC	0.0500		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	alpha-BHC	0.0500		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	alpha-BHC	0.0500		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	alpha-BHC	0.0500		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	alpha-BHC	0.0500		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	alpha-BHC	0.0500		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	alpha-BHC	0.0500		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	alpha-BHC	0.0500		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	alpha-BHC	0.0500		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	alpha-BHC	0.0500		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	alpha-BHC	0.0500		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	alpha-BHC	0.0500		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	alpha-BHC	0.0500		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	alpha-BHC	0.0500		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	alpha-CHLORDANE	5.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	JA	5959.90	4.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43193	L	VE40747AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	alpha-CHLORDANE	0.5000		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	beta-BHC	0.0500		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	beta-BHC	0.0500		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	beta-BHC	0.0500		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	beta-BHC	0.5000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	beta-BHC	0.0500		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	beta-BHC	0.0500		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	beta-BHC	0.0500		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	beta-BHC	0.0500		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	beta-BHC	0.0500		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	beta-BHC	0.0500		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	beta-BHC	0.0500		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	beta-BHC	0.0500		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	beta-BHC	0.0500		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	beta-BHC	0.0500		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	beta-BHC	0.0500		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	beta-BHC	0.0500		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	beta-BHC	0.0500		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	beta-BHC	0.0500		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	delta-BHC	0.0500		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	delta-BHC	0.0500		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	delta-BHC	0.0500		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	delta-BHC	0.5000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	delta-BHC	0.0500		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	delta-BHC	0.0500		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	delta-BHC	0.0500		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	delta-BHC	0.0500		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	delta-BHC	0.0500		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	delta-BHC	0.0500		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	delta-BHC	0.0500		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	delta-BHC	0.0500		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	delta-BHC	0.0500		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	delta-BHC	0.0500		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	delta-BHC	0.0500		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	delta-BHC	0.0500		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	delta-BHC	0.0500		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	delta-BHC	0.0500		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	gamma-BHC (LINDANE)	0.5000		UG/L	U	V	5955.50	25.80
41293	U	VE40744AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	V	5967.60	4.50

LOCATION	UL	SAMPLE NO.	TYPE	CHEMICAL	RESULT	ERROR	UNITS	QUAL	VAL	ELEVCUP	DEPTHCUP
43793	L	VE40754AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	gamma-BHC (LINDANE)	0.0500		UG/L	U	V	0.00	0.00
40393	U	VE40741AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	JA	5926.40	5.70
40793	U	VE40743AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	JA	5950.20	5.80
40993	U	VE40751AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	V	5969.30	12.00
40993	L	VE40752AE	VE	gamma-CHLORDANE	5.0000		UG/L	U	Z	5955.50	25.80
41293	U	VE40744AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	V	5951.90	2.80
41593	U	VE40757AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	V	5964.93	4.50
41793	U	VE40745AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	JA	5953.30	10.50
42493	L	VE40756AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	V	5964.56	7.10
42893	U	VE40742AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	JA	5972.30	5.80
43193	U	VE40746AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	JA	5959.90	4.50
43193	L	VE40747AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	JA	5955.70	8.70
43693	U	VE40755AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	V	5964.52	7.90
43793	U	VE40753AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	V	5967.60	4.50
43793	L	VE40754AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	V	5961.30	10.80
44093	U	VE40748AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	JA	5963.00	5.60
44393	U	VE40749AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	JA	5972.90	4.00
44393	L	VE40750AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	JA	5969.30	7.60
SW089	U	VE40777AE	VE	gamma-CHLORDANE	0.5000		UG/L	U	V	0.00	0.00