

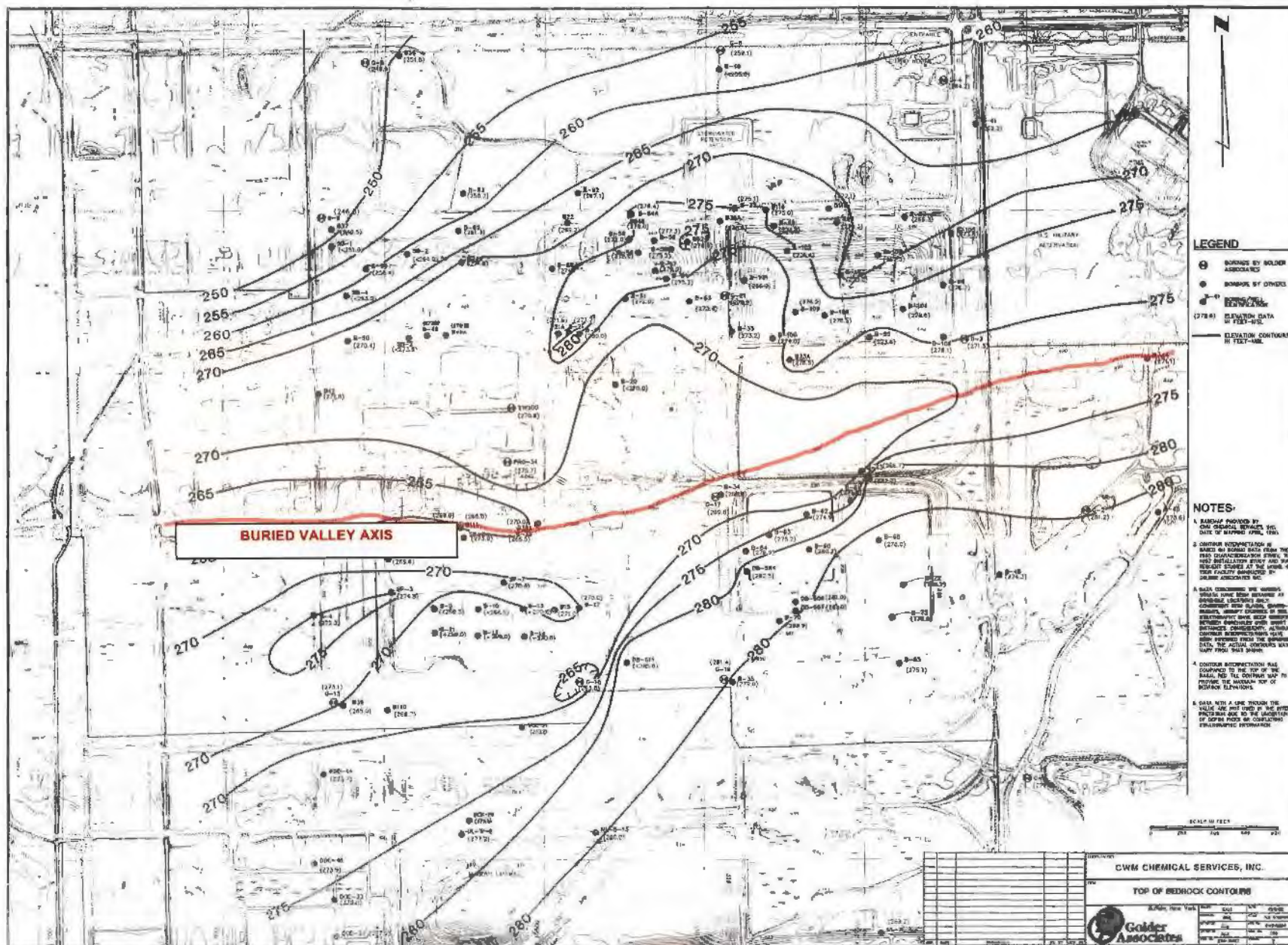
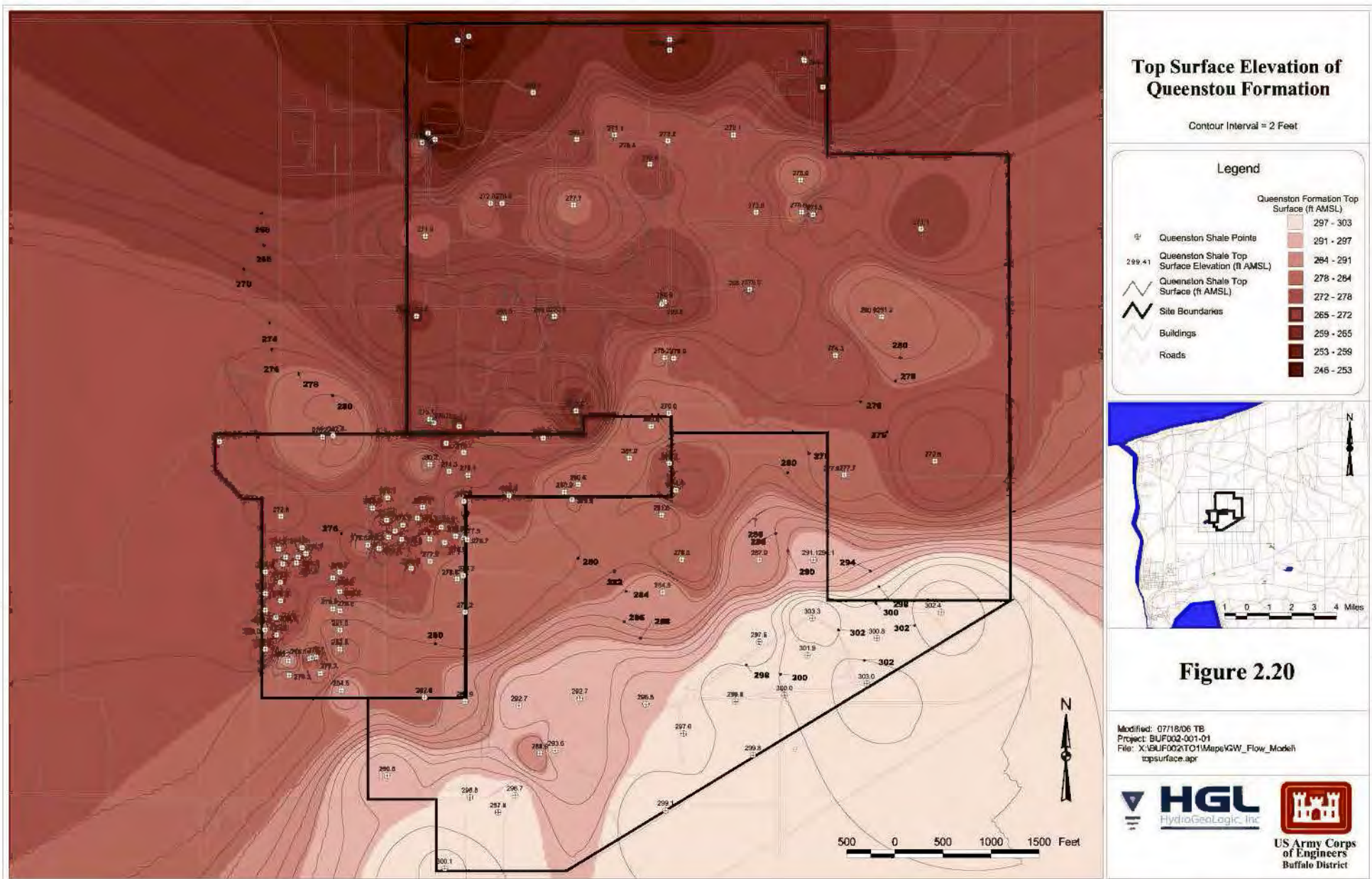
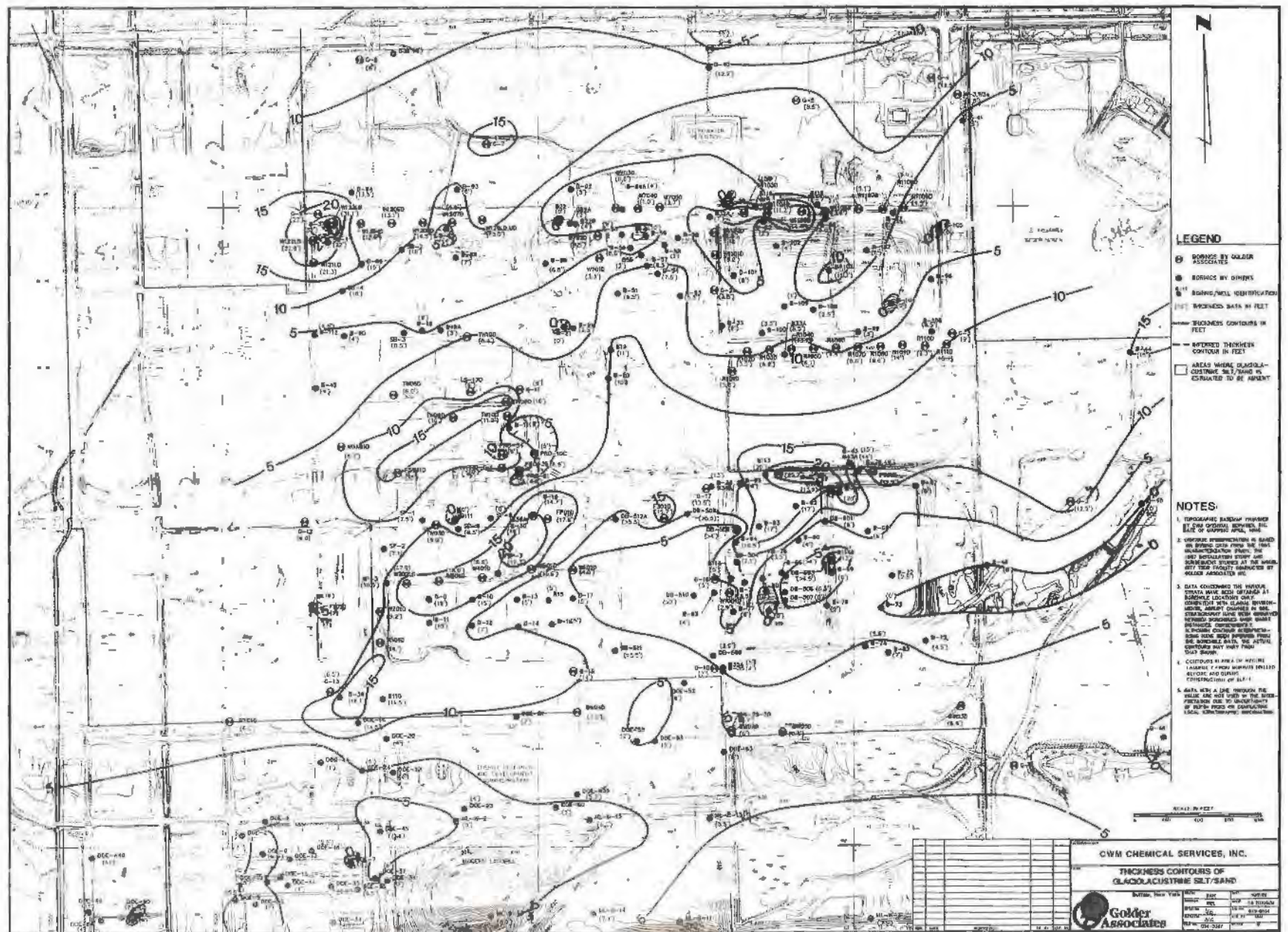


EXHIBIT 1





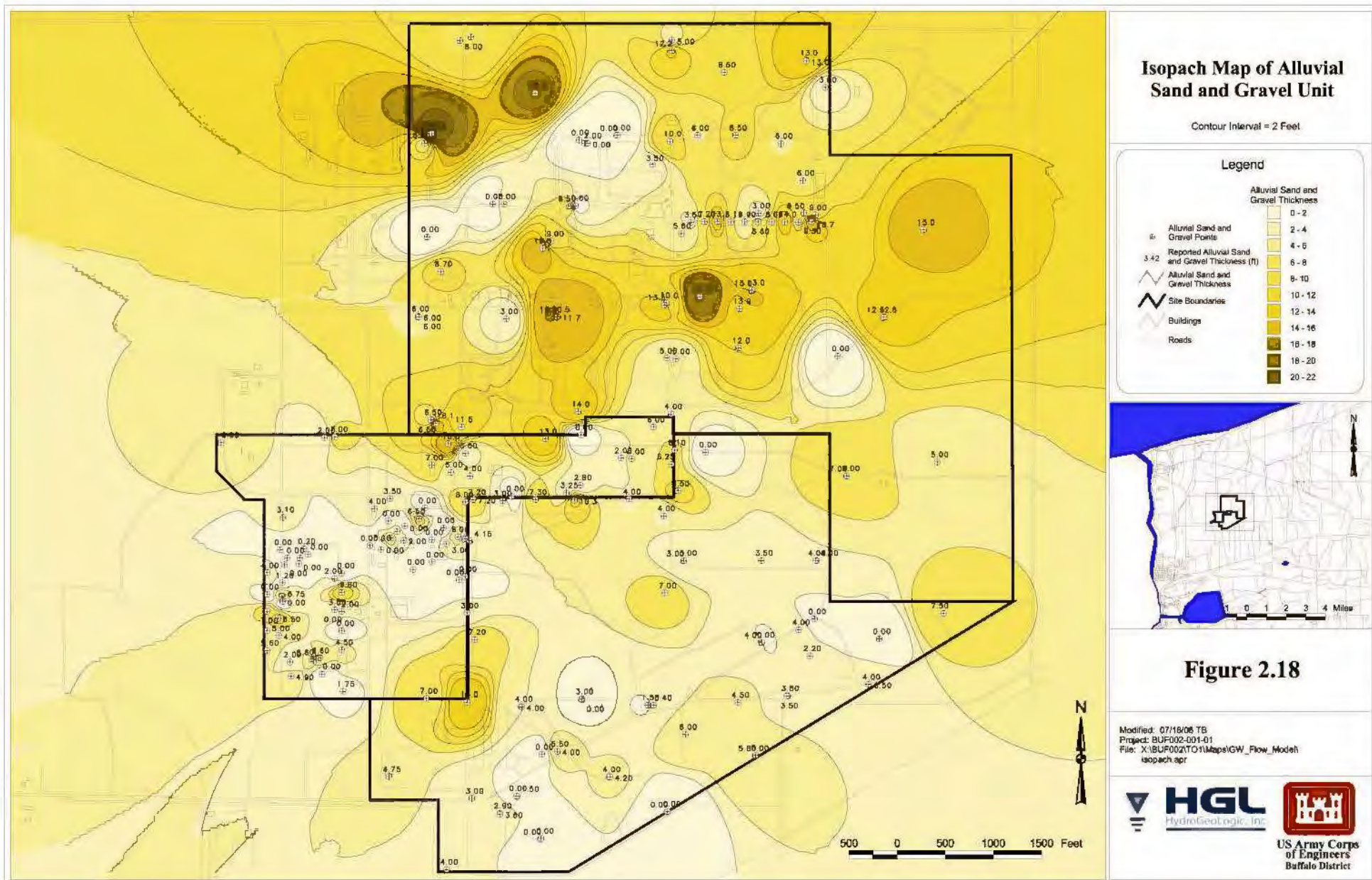
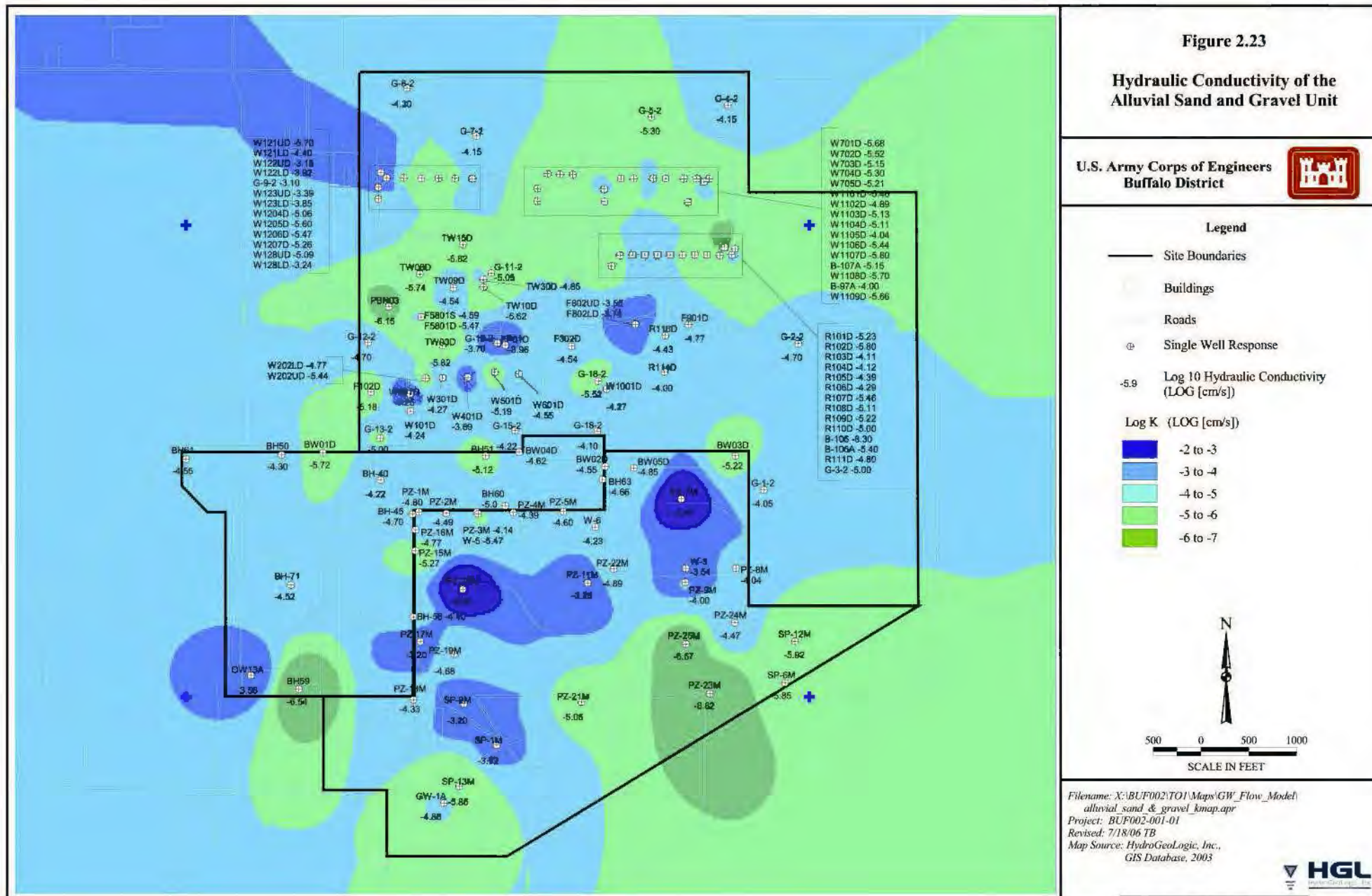


Figure 2.18

Modified: 07/18/06 TB
 Project: BUF002-001-01
 File: X:\BUF002\TO1\Maps\GW_Flow_Model\isopach.apr





DATE	TIME	BY	STATION	INSTRUMENT	DATA	DATA	DATA
08/01/08				OWIN CHEMICAL SERVICES, L.L.C. RIN-2-PHASE 1 GROUNDWATER MONITORING PROGRAM MODEL CITY, NEW YORK			
GLACIOLACUSTRINE SILT/SAND POTENTIOMETRIC SURFACE CONTAINS OCTOBER 2008							
		PROJECT NO. 08-05111 CLIENT: NJU DATE: 08/17/08 CDR: JAC PREPARED BY: JAC REVIEWED BY: JAC		FILE NO. 0805111-00000 SCALE: AS SHOWN PER: 0			

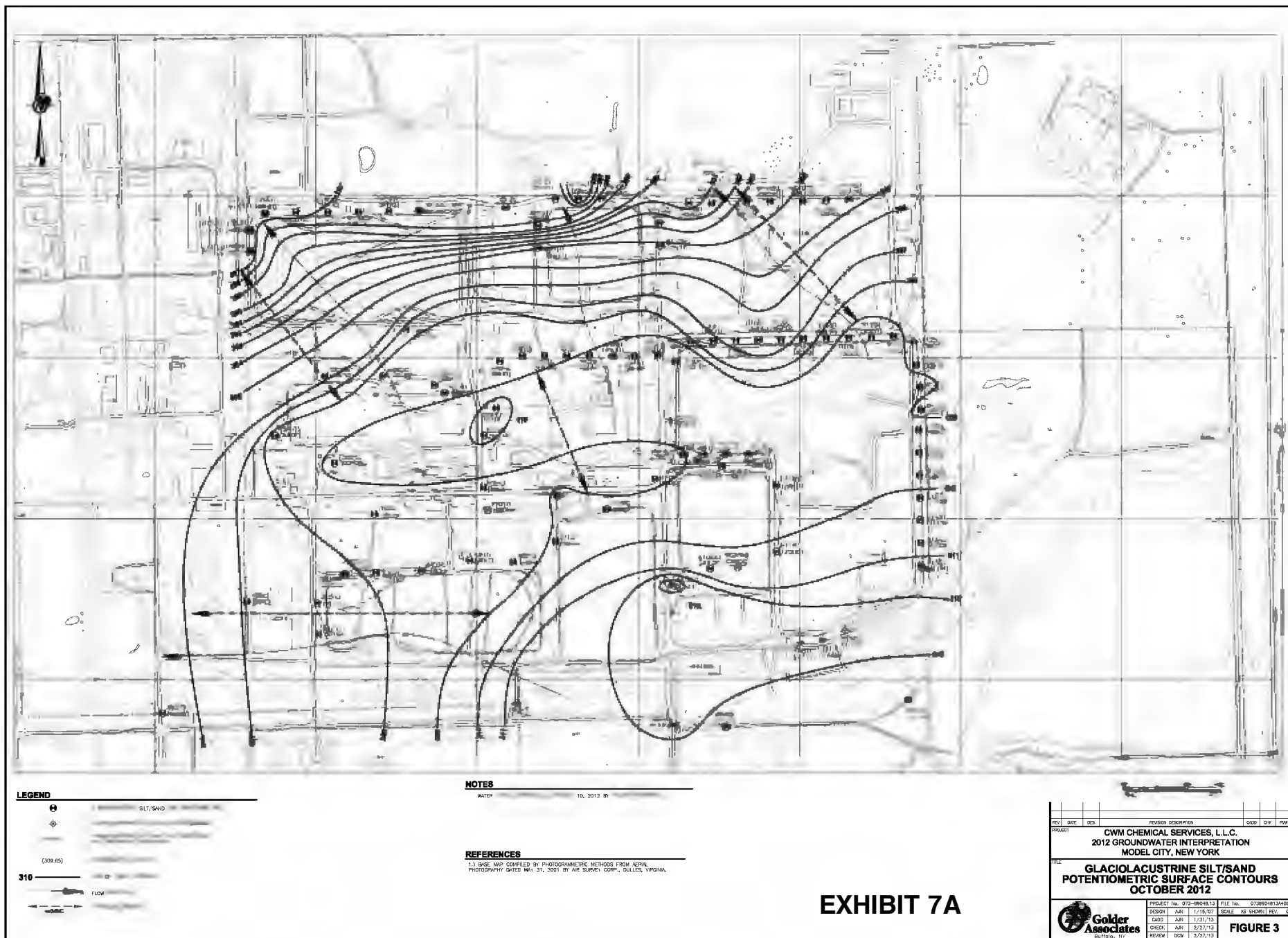


EXHIBIT 7A

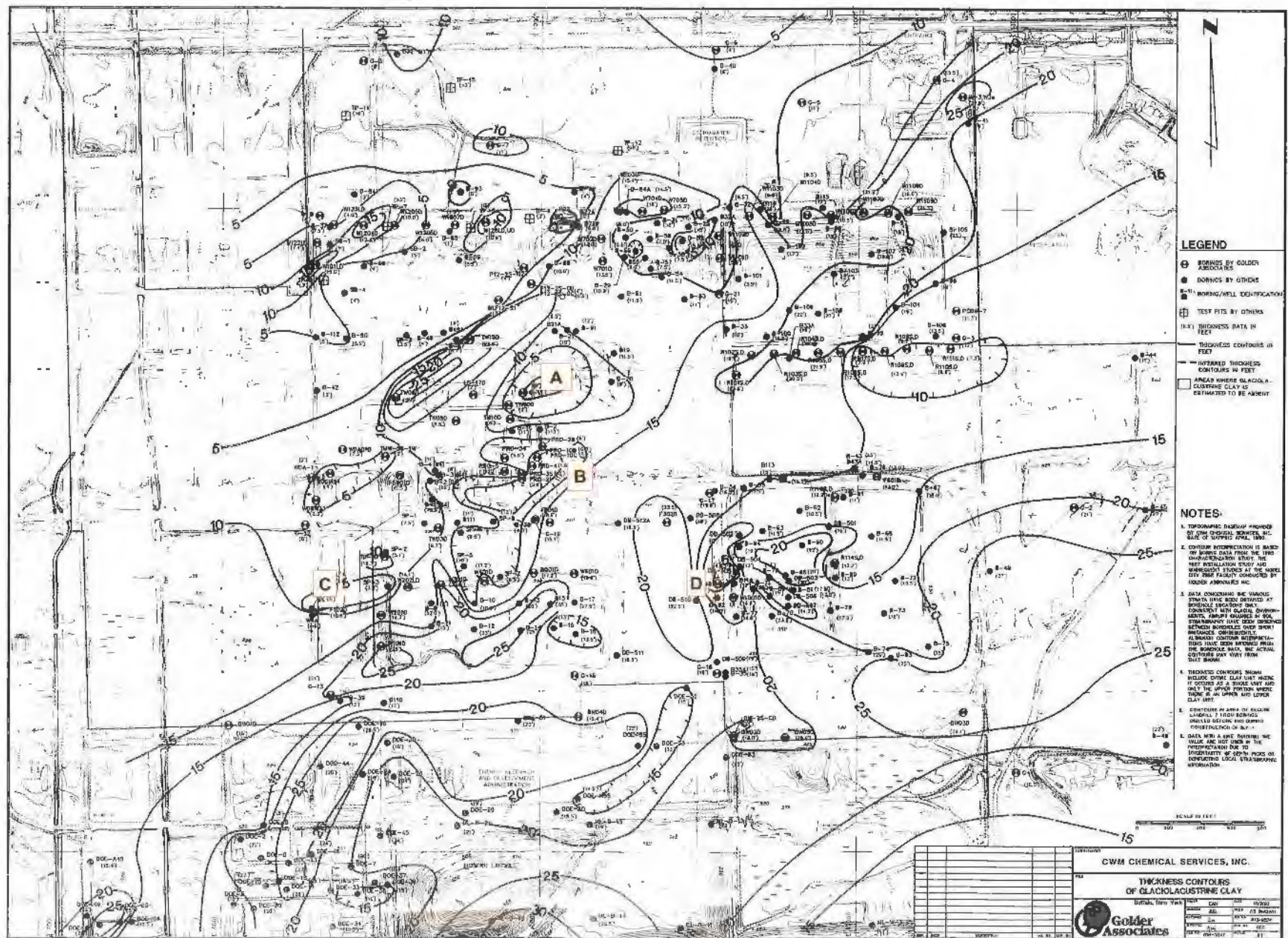
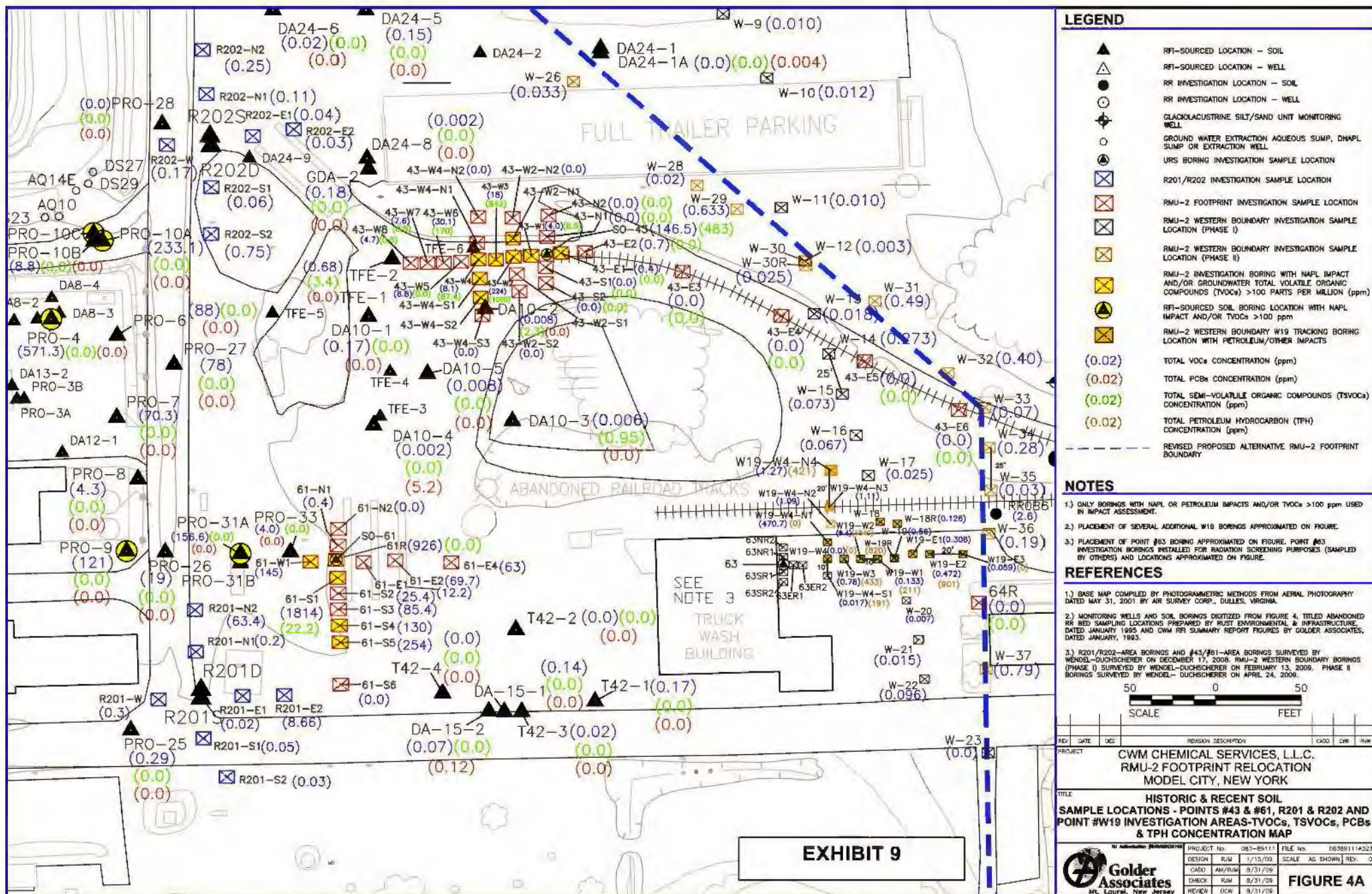


EXHIBIT 8



JANUARY 2010

083-89111

TABLE 3
WELL DEVELOPMENT SUMMARY
RMU-2 PHASE I GROUNDWATER MONITORING PROGRAM
CWM CHEMICAL SERVICES, INC.
MODEL CITY, NEW YORK

Well #	Development Period		Method (1)	Volume Purged (gal.)	Field Parameters After Development			Hydraulic Conductivity (2) (cm/sec)
	Start Date	Finish Date			Clarity	pH	Specific Conductance * (µMHOS/cm)	
R201D	12/20/07	1/16/08	BAILER	43.0	TURBID	9.0	620	5.49E-05
R201S	1/11/08	1/15/08	BAILER	22.0	SLIGHTLY TURBID	7.7	1570	4.28E-05
R202D	12/19/07	1/16/08	BAILER	40.0	SL. TURBID	8.3	980	3.15E-06
R202S	1/11/08	1/15/08	BAILER	12.0	SLIGHTLY TURBID	7.8	OR	1.55E-05
R203D	12/26/07	1/17/08	BAILER	45.0	SLIGHTLY TURBID	8.0	600	1.73E-05
R203S	1/17/08	2/21/08	BAILER	2.00	SL. TURBID	7.6	OR	7.81E-04
R204D	12/27/07	1/18/08	BAILER	40.6	SL. TURBID	7.6	750	4.06E-06
R204S	1/22/08	2/21/08	BAILER	7.0	SL. TURBID	7.4	1260	(3)
R205D	1/11/08	1/22/08	BAILER	50.0	TURBID	7.6	1100	1.21E-03
R205S	1/24/08	1/29/08	BAILER	8.5	TURBID	7.4	1150	3.01E-05
R206D	1/10/08	1/24/08	BAILER	50.0	TURBID	7.9	880	1.91E-03
R206S	1/10/08	1/10/08	--	--	--	--	--	--
R207D	1/10/08	1/28/08	BAILER	21.0	SL. TURBID	8.0	1660	(3)
R207S	1/10/08	1/10/08	--	--	--	--	--	--
R208D**	12/27/07	12/16/08	BAILER	196.7	TURBID	8.0	1280	2.26E-05
R208S**	1/29/08	12/16/08	BAILER	20.3	SL. TURBID	7.8	1210	5.37E-06
R209D	12/28/07	2/4/08	BAILER	49.0	SL. TURBID	7.2	1160	6.39E-06
R209S	2/4/08	2/5/08	BAILER	12.0	SLIGHTLY TURBID	7.2	1540	7.18E-06
R210D**	12/28/07	12/16/08	BAILER	172.0	TURBID	8.2	1360	1.92E-05
R210S**	2/18/08	12/16/08	BAILER	73.2	TURBID	7.9	1450	3.92E-04
R211D**	1/8/08	12/18/08	BAILER	164.0	TURBID	7.8	1070	1.19E-05
R211S**	2/5/08	12/16/08	BAILER	30.0	TURBID	8.3	630	4.16E-05
R213D	1/8/08	2/12/08	BAILER	90.0	VERY TURBID	7.5	1440	1.41E-03
R213S	2/13/08	2/21/08	BAILER	18.0	SLIGHTLY TURBID	7.1	OR	8.00E-05
R214D	1/4/08	2/8/08	BAILER	40.0	VERY TURBID	7.9	1170	2.50E-03
R214S	2/8/08	2/22/08	BAILER	10.5	SL. TURBID	7.3	1880	2.83E-04
R215D	1/7/08	2/14/08	BAILER	60.0	TURBID	7.6	1740	1.05E-03
R215S	2/13/08	2/13/08	BAILER	18.0	VERY TURBID TO TURBID	6.9	OR	2.20E-04
W1003D	2/18/08	2/19/08	BAILER	50.0	VERY TURBID	7.8	1660	2.03E-04
W1003S	2/18/08	2/22/08	BAILER	10.0	SL. TURBID	7.1	1480	1.30E-04
W1004D	2/14/08	2/15/08	BAILER	65.0	TURBID	7.5	1720	2.00E-03
W1004S	02/20/08	02/22/08	BAILER	12.0	VERY TURBID	7.3	OR	1.27E-04

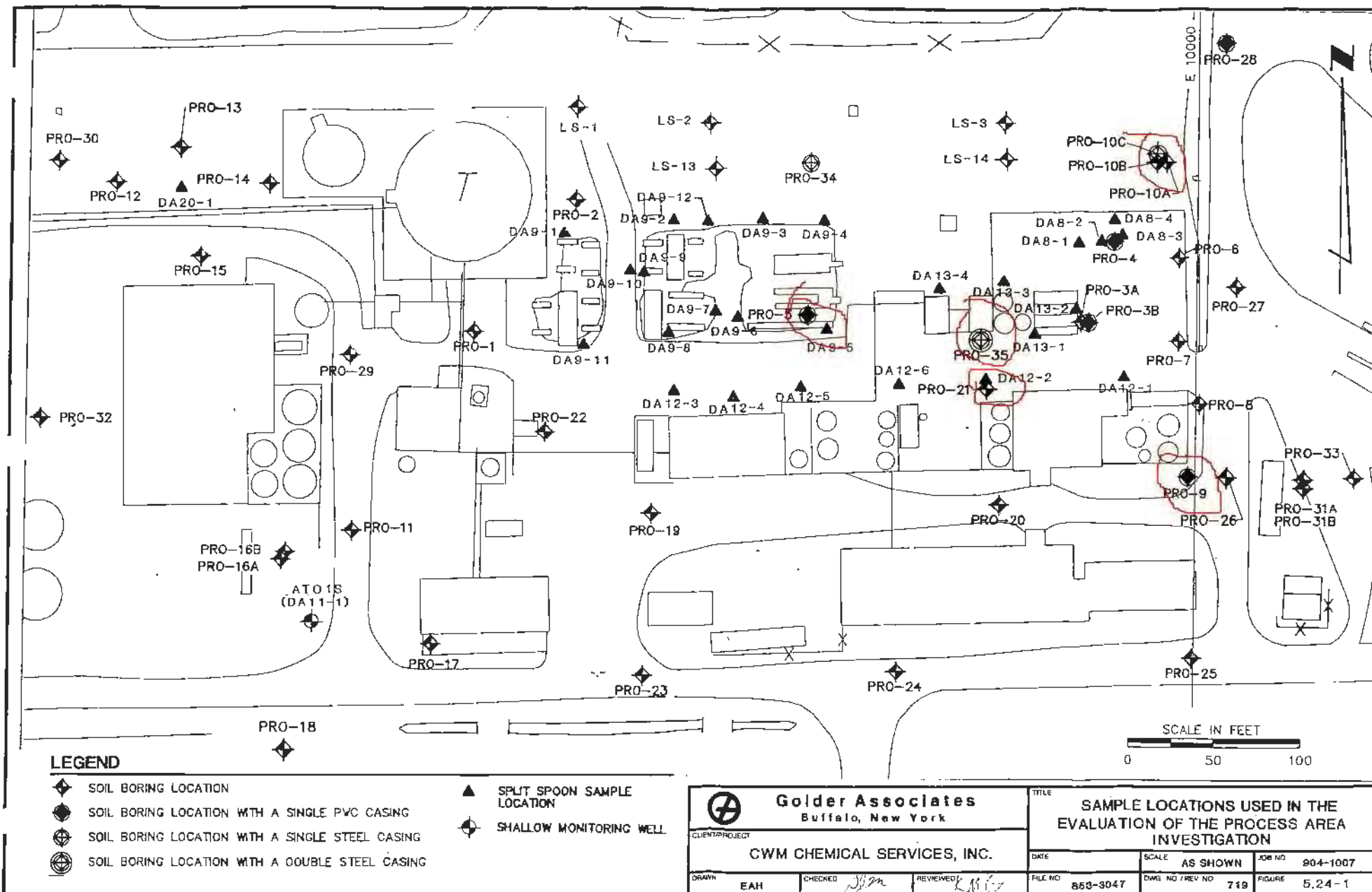
JANUARY 2010

083-89111

NOTES:

- (1) = Stainless Steel Bailor
- (2) = Based on field variable head test (Hvorslev, M.J., 1951).
- (3) = Initial hydraulic test data determined to be unusable. Hydraulic test to be performed again at a future date and results to be discussed under separate cover.
- * = Specific Conductance measurement refers to measurement collected at end of development period (if not stabilized).
- ** = Development data in table for wells R206D/S, R210D/S and R211D/S represents final redevelopment session.
- = Dry well at time of development and testing activities.
- OR = Out of Range
- cm/sec = Centimeters per second

Table By: RJM
Checked By: AML
Date: 1/8/2010



JANUARY 1993

TABLE 5.24-4
(11 of 38)

913-9024

FIELD GC RESULTS
 FOR BORING NUMBER PRO-10B
 SOIL CONCENTRATIONS ARE IN ug/Kg
 GROUND WATER CONCENTRATION ARE IN ug/L

BOREHOLE NO.	SAMP ID	TOP..	BOTTOM	TRANS-DCE	BENZENE	TOLUENE	1,1-DCE	PERC	TCE...	TCA-DCA	O-XYL	E.BENZ
PRO-10B	TB	NA	NA	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-10B	1	16	18	117	<5	<5	63	<5	2607	<50	<50	<10
PRO-10B	2	18	20	<5	<5	<5	<5	<5	20	<50	<50	<10
PRO-10B	3	20	22	<5	<5	43	<5	<5	96	<50	<50	<10
PRO-10B	4	22	24	<5	<5	31	<5	38	84	<50	<50	<10
PRO-10B	5	24	26	<5	<5	<5	<5	<5	44	<50	<50	<10
PRO-10B	6	26	28	<5	<5	<5	87	17	62	<50	<50	<10
PRO-10B	7	28	30	<5	<5	45	42	26	163	<50	<50	<10
PRO-10B	8	30	32	<5	95	2695	408	1265	4185	<50	<50	81
PRO-10B	9	32	34	<5	<5	<5	<5	<5	42	<50	<50	<10
PRO-10B	GW	NA	NA	<5	2731	50820	2247	3347	50380	119000	<50	126

EXHIBIT 12, p. 1

JANUARY 1993

TABLE 5.24-4
(12 of 38)

913-9024

FIELD GC RESULTS
FOR BORING NUMBER PRO-10C
SOIL CONCENTRATIONS ARE IN ug/Kg
GROUND WATER CONCENTRATION ARE IN ug/L

BOREHOLE NO.	SAMP ID	TOP..	BOTTOM	TRANS-DCE	BENZENE	TOLUENE	1,1-DCE	PERC	TCE...	TCA-DCA	O-XYL	E.BENZ
PRO-10C	TB	NA	NA	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-10C	1	16	18	134	287	9498	<5	2069	10590	<50	<50	<10
PRO-10C	2	18	20	<5	<5	94	<5	<5	162	<50	<50	<10
PRO-10C	3	20	22	<5	<5	<5	<5	<5	35	<50	<50	<10
PRO-10C	4	22	24	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-10C	5	24	26	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-10C	6	26	28	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-10C	7	28	29	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-10C	8	29	30	<5	<5	<5	<5	<5	26	<50	<50	<10
PRO-10C	9A	30	30.5	<5	3741	140500	<5	13940	127450	<50	2939	4551
PRO-10C	9B	30.5	31	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-10C	10	31	32	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-10C	11	32	33	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-10C	12	33	34	<5	<5	<5	<5	<5	19	<50	<50	<10
PRO-10C	13	34	35	<5	<5	<5	<5	<5	45	<50	<50	<10
PRO-10C	14	35	36	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-10C	15	36	36.7	<5	<5	71	<5	<5	96	<50	<50	<10

EXHIBIT 12, p. 2

JANUARY 1993

TABLE 5.24-4
(23 of 38)

913-9024

FIELD GC RESULTS

FOR BORING NUMBER PRO-21

SOIL CONCENTRATIONS ARE IN ug/Kg

GROUND WATER CONCENTRATIONS ARE IN ug/L

BOREHOLE NO.	SAMP ID	TOP..	BOTTOM	TRANS-DCE	BENZENE	TOLUENE	1,1-DCE	PERC TCE...	TCA-DCA.	O-XYL.	E.BENZ.	
PRO-21	1	4	6	<5	202	1222	1750	546	22250	<50	<50	<10
PRO-21	3	8	10		2373	22680	11910	11670	188000	153600	6565	
PRO-21	3	8	10	<5	2373	22680	11910	11670	188000	153600	6565	<10
PRO-21	3	8	10	<5	7095	16795	28990	17905	259950	828500	<50	<10
PRO-21	5	12	14	<5	377	2675	<5	2439	28830	45170	202	<10
PRO-21	6	14	16	<5	343	2930	<5	2268	25210	46000	245	<10
PRO-21	7	16	18	14	<5	<5	<5	22	697	<50	<50	<10
PRO-21	8	18	20	<5	<5	<5	25	<5	311	<50	<50	<10
PRO-21	9	20	22	<5	252	1459	<5	1703	19330	16370	125	<10
PRO-21	10A	22	23.1	<5	<5	<5	<5	<5	29	<50	<50	<10
PRO-21	10B	23.1	24	<5	<5	<5	<5	<5	27	<50	<50	<10
PRO-21	11	24	25.2	<5	<5	<5	<5	<5	53	<50	<50	<10
PRO-21	12	26	28	<5	370	1771	<5	1616	33140	28300	77	<10
PRO-21	13	28	30	<5	<5	<5	<5	<5	24	<50	<50	<10
PRO-21	14	30	32	<5	<5	<5	<5	18	283	<50	<50	<10
PRO-21	15	32	34	<5	<5	34	43	90	972	<50	<50	<10
PRO-21	16	34	36	<5	<5	<5	<5	19	570	<50	<50	<10
PRO-21	17	36	37.5	<5	<5	<5	<5	<5	355	<50	<50	<10
PRO-21	18	38	38.9	<5	1006	5521	2226	13210	26010	65720	139	4381
PRO-21	GW	NA	NA	<5	2216	4343	8947	3711	51260	210000	<50	2559
PRO-21	TB	NA	NA	<5	<5	<5	<5	<5	<5	<50	<50	<10

EXHIBIT 12, p. 3

JANUARY 1993

913-9024

TABLE 5.24-4

(37 of 38)

FIELD GC RESULTS

FOR BORING NUMBER PRO-35

SOIL CONCENTRATIONS ARE IN ug/Kg

GROUND WATER CONCENTRATION ARE IN ug/L

BOREHOLE NO.	SAMP ID	TOP..	BOTTOM	TRANS-DCE	BENZENE	TOLUENE	1,1-DCE	PERC	TCE...	TCA-DCA	O-XYL	E.BENZ
PRO-35	1	2	4	<5	503	3493	2973	1515	9440	<50	800	1736
PRO-35	2	4	6	<5	1355	15505	6725	7390	53400	<50	<50	<10
PRO-35	3	6	8	<5	1092	17430	6830	6070	51850	<50	<50	<10
PRO-35	4	8	10	<5	1116	7460	7815	1784	45365	<50	<50	<10
PRO-35	5	10	12	<5	1401	10015	<5	4622	102500	100950	<50	<10
PRO-35	6A	12	13	<5	499	6010	4240	1651	15870	<50	<50	<10
PRO-35	6B	13	14	<5	167	1167	2884	<5	11350	<50	<50	<10
PRO-35	7	14	16	<5	826	1885	2498	211	18960	<50	<50	173
PRO-35	8	16	18	<5	256	280	791	23	1758	29800	<50	<10
PRO-35	9	18	20	<5	76	<5	484	<5	272	13560	<50	<10
PRO-35	10	20	21	<5	<5	<5	32	<5	<5	<50	<50	<10
PRO-35	11	21	22	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-35	12A	22	22.5	<5	<5	<5	<5	<5	172	<50	<50	<10
PRO-35	12B	22.5	23	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-35	13	23	24	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-35	14	24	26	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-35	15	26	28	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-35	16	28	30	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-35	17	30	32	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-35	18A	32	32.9	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-35	18B	32.9	34	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-35	19	34	36	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-35	20	36	38	<5	<5	<5	<5	<5	<5	<50	<50	<10
PRO-35	21	38	38.7	<5	<5	<5	<5	<5	45	<50	<50	<10
PRO-35	GW	NA	NA	<5	32	460	389	72	1911	<50	<50	<10

EXHIBIT 12, p. 4



Golder Associates Inc.

SOIL BOREHOLE LOG

 SITE NAME AND LOCATION
 CWM Chemical Services, Inc., Model City, NY

DRILLING METHOD: Hollow Stem Auger 4 1/4" ID

BORING NO.

PRO-21

SAMPLING METHOD: 24" Split Spoon

SHEET

1 OF 2

DRILLING

START

FINISH

TIME

TIME

DATE

DATE

10/10/90

10/10/90

CASING DEPTH

DATUM MSL

ELEVATION 318.6

DRILL RIG Bomber

SURFACE CONDITIONS:

ANGLE Vertical BEARING

SAMPLE HAMMER TORQUE 140 lb. 30 in.

DEPTH IN FEET	BLOWS/ 8 IN. ON SAMPLER (RECOVERY)	SYMBOL	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	TEST RESULTS				
							WATER CONTENT %	LIQUID LIMIT %	PLASTIC LIMIT %	PLASTIC INDEX	VANE (TSF)
0.0			318.60 Asphalt, concrete, and coarse angular gravel.								
			316.60 FILL								
			314.60 Wood 2.0-2.5.								
5.0	9-10-16-25 55%		1 UPPER CLAY TILL Firm to soft, brown, SILTY CLAY, some to trace fine to coarse sand, wet at 8.0-10.0 and 20.0-22.0 (CL)	24"	SS						
	13-17-25-49 0%		2	24"	SS						
	5-13-22-42 35%		3	24"	SS						
10.0	4-6-5-6 0%		4	24"	SS						
	6-4-6-6 75%		5	24"	SS						
15.0	4-5-8-8 55%		6	24"	SS						
	3-4-6-6 70%		7	24"	SS						
	4-6-6-9 60%		8	24"	SS						
20.0	1-5-5-8 25%		9	24"	SS						
	1-4-5-7 100%		10 295.50	24"	SS						
	1-3-11-10 90%		11 GLACIOLACUSTRINE CLAY Soft, brown and gray, CLAY, trace medium to coarse sand. (CL)	24"	SS						
25.0	1-12-12-20 60%		12 MIDDLE SILT TILL Firm, brown, slightly CLAYEY SILT, some fine to medium sand, trace coarse sand, wet (CL)	24"	SS						
	1-15-11-14 80%		13 290.60 GLACIOLACUSTRINE CLAY	24"	SS						
30.0											

 DRILLING CONTR Empire Soils Investigations, Inc.
 A. Koske

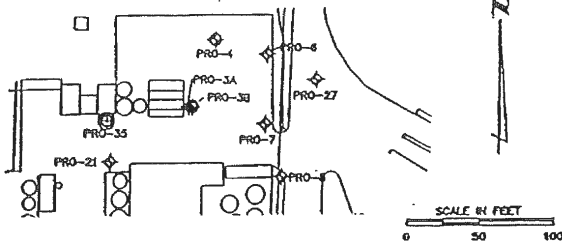
 LOGGED BY N.W. Thompson
 DATE 1/17/91
 CHKD BY *NT* SC100274L



Golder Associates Inc.

SOIL BOREHOLE LOG

SITE NAME AND LOCATION
CWM Chemical Services, Inc., Model City, NY



DATUM MSL ELEVATION 318.6

DRILLING METHOD: Hollow Stem Auger 4 1/4" ID

BORING NO.

PRO-21

SAMPLING METHOD: 24" Split Spoon

SHEET

2 OF 2

DRILLING

WATER LEVEL

NA

TIME

NA

DATE

NA

CASING DEPTH

START

TIME

0910

DATE

10/10/80

FINISH

TIME

1530

DATE

10/10/80

DRILL RIG Bomber

SURFACE CONDITIONS:

ANGLE Vertical BEARING

SAMPLE HANKER TORQUE 140 lb. 30 in.

DEPTH IN FEET	BLOWS/ 8 IN. ON SAMPLER (RECOVERY)	SYMBOL	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	TEST RESULTS				
							WATER CONTENT %	LIQUID LIMIT %	PLASTIC LIMIT %	PLASTIC INDEX	VANE (TSF)

30.0	100%	14	GLACIOLACUSTRINE CLAY Firm, brown and gray, CLAY, little silt, some medium sand and clayey silt seams, trace coarse sand. (CL)	24"	SS						
35.0	50%	16	GLACIOLACUSTRINE SILT/SAND Firm, brown, CLAYEY SILT, little fine to coarse sand grading to compact, reddish brown, SILTY SAND, little medium sand, trace coarse sand, wet. (SM)	24"	SS						
40.0	60%	17	BASAL RED TILL Very dense, red and reddish brown, CLAYEY SILT and fine SAND, some fine angular gravel. (SC)	24"	SS						
45.0	100%	18	End of sampling.	24"	SS						
50.0											
55.0											
60.0											

DRILLING CONTR Empire Soils Investigations, Inc.
A Koske

LOGGED BY N.W. Thompson
DATE 1/17/91
CHKD BY *DJm*
SC100275L

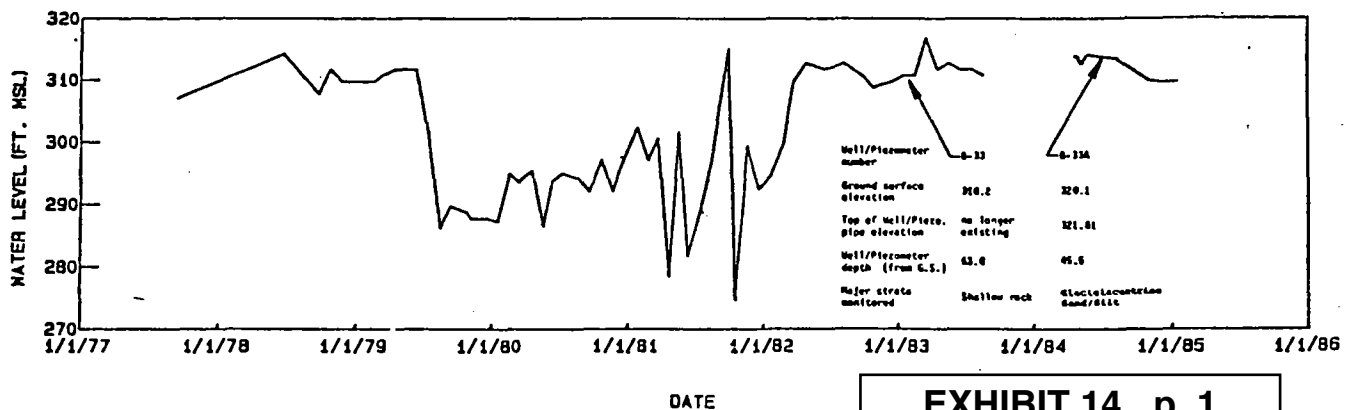
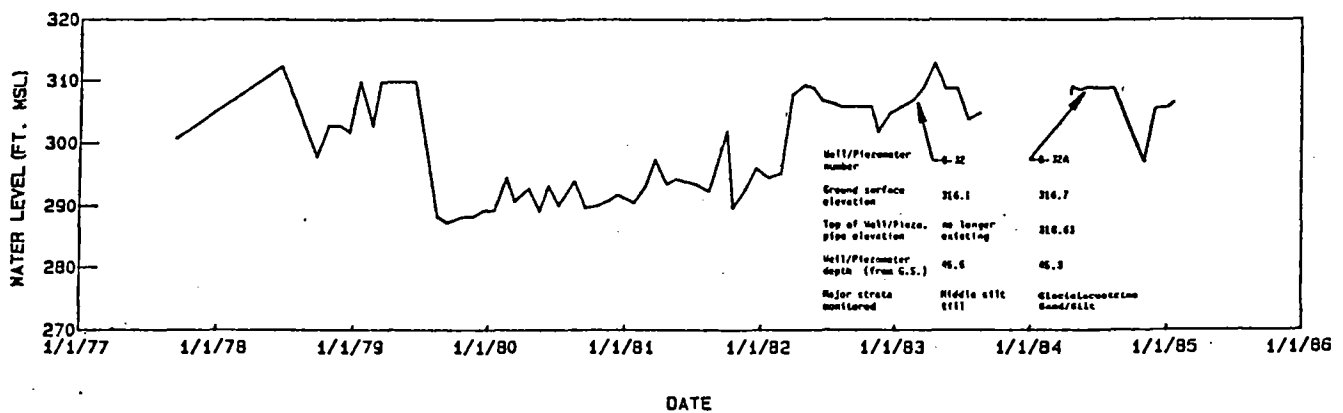
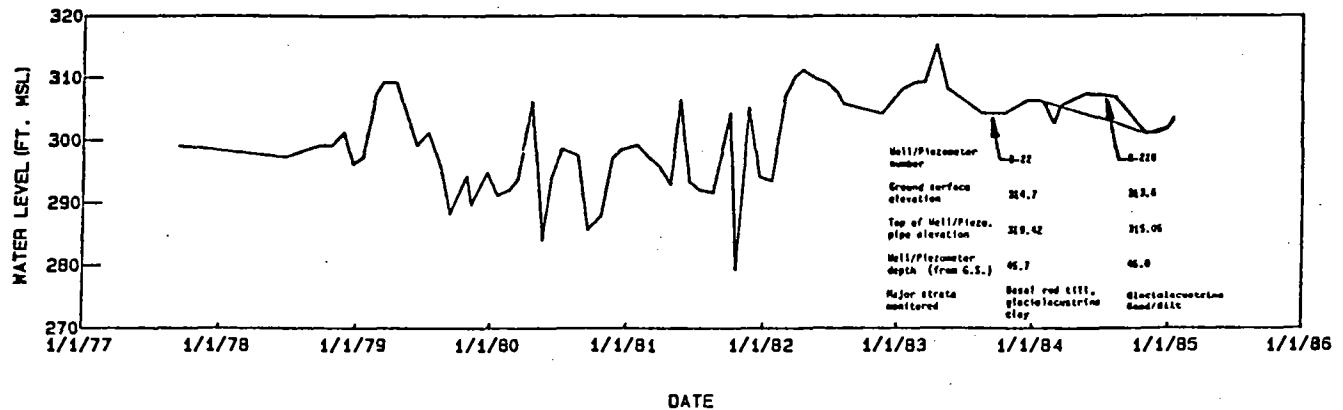
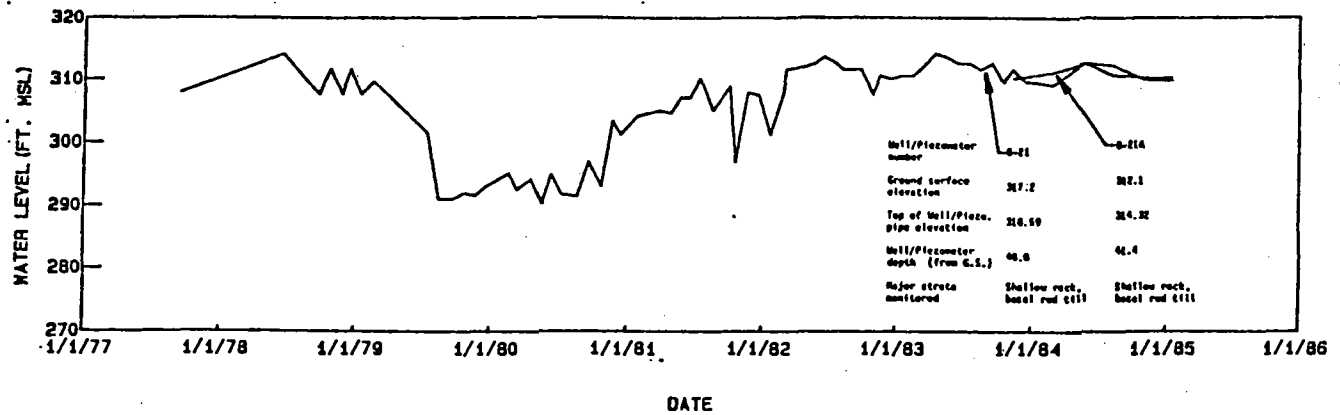


EXHIBIT 14, p. 1

NO. 853-3047 SCALE AS SHOWN

DRAWN CMB DATE 3-2-85

CHECKED *ATC* DWG. NO. 34

Golder Associates

WATER LEVEL HISTORIES - B-21, B-21a, B-22, B-22b, B-32, B-32a, B-33, B-33a

CHEMICAL WASTE MANAGEMENT, INC.

FIGURE 29

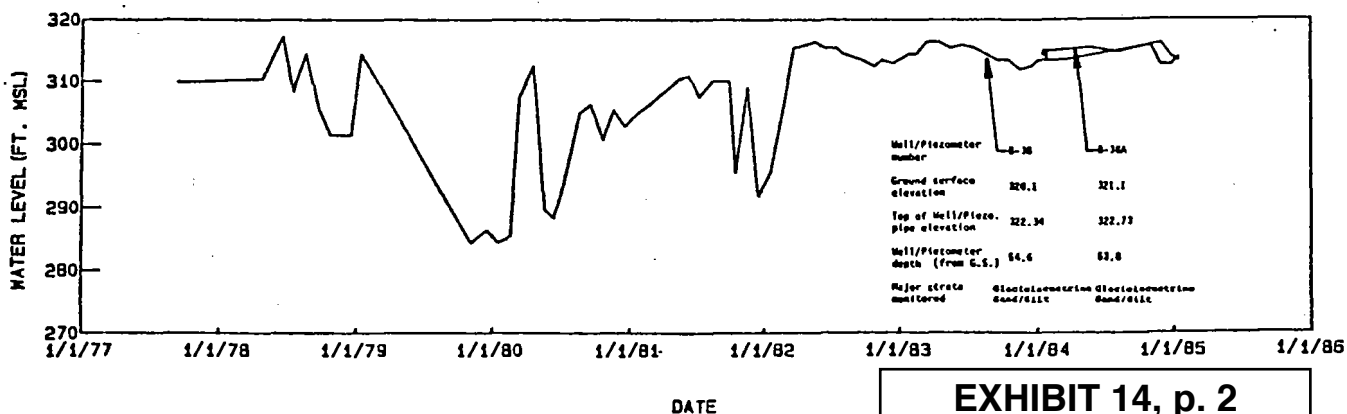
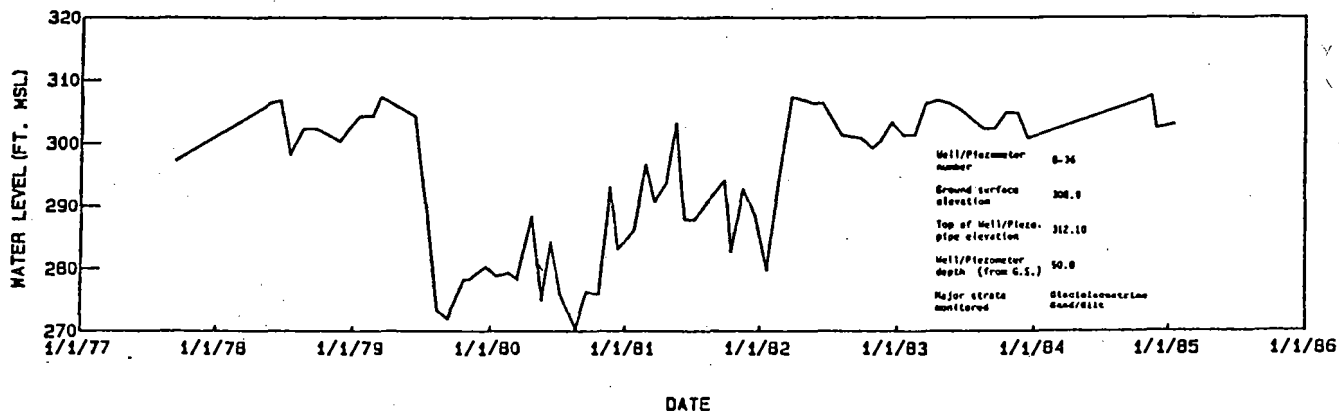
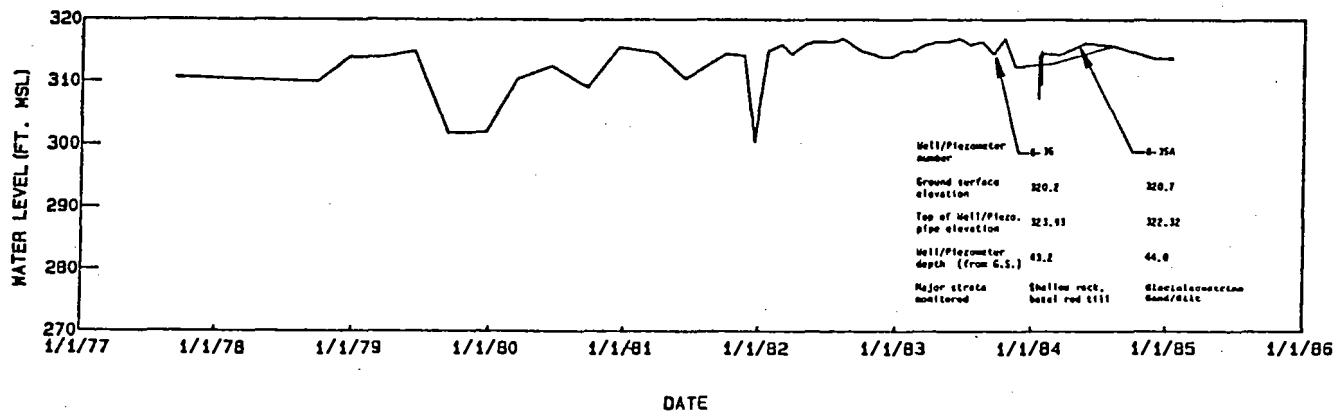
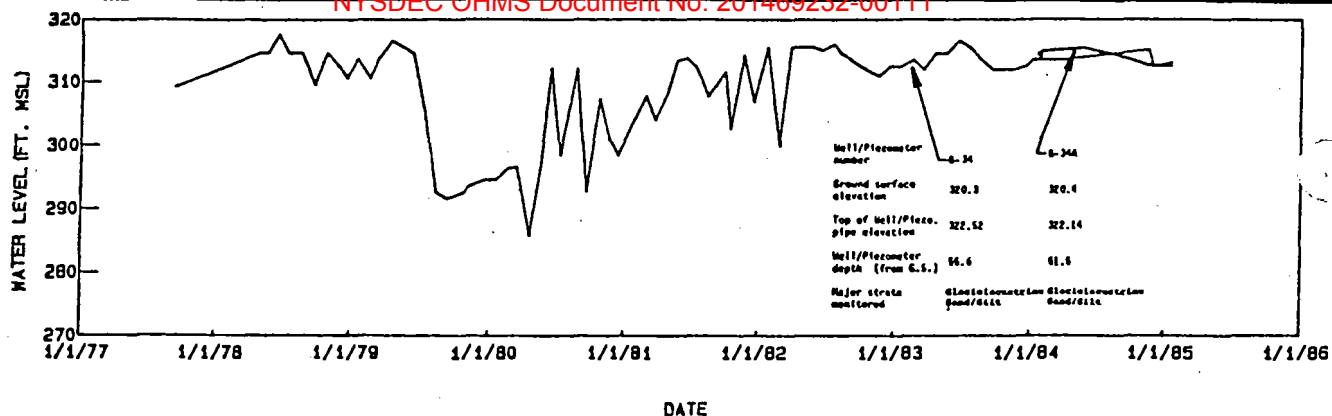


EXHIBIT 14, p. 2

JOB NO.	853-3047	SCALE	AS SHOWN
DRAWN	CMB	DATE	3-2-85
CHECKED	<i>ATC</i>	DWG. NO.	35

Golder Associates

WATER LEVEL HISTORIES - B-34, B-34a,
B-35, B-35a, B-36, B-38, B-38a

CHEMICAL WASTE MANAGEMENT, INC.

FIGURE 30

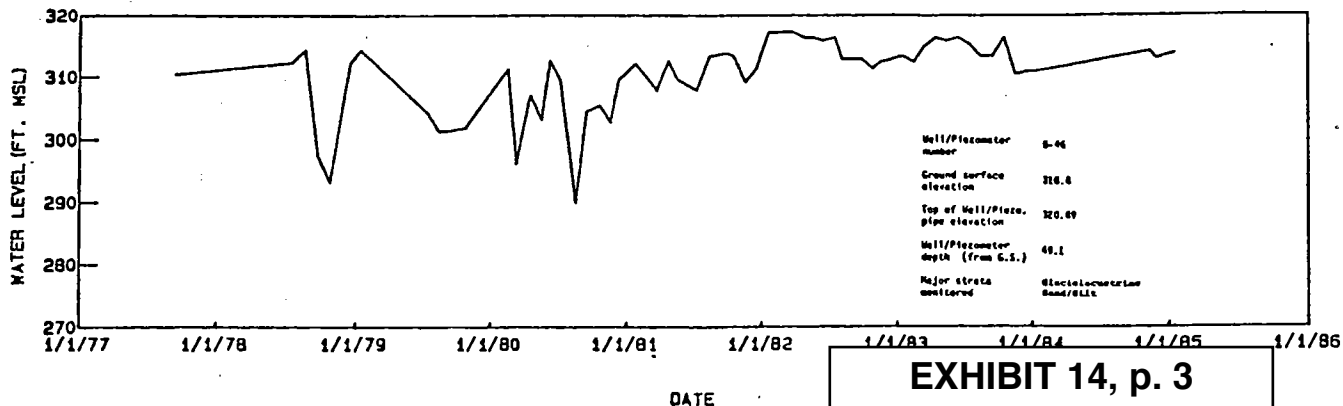
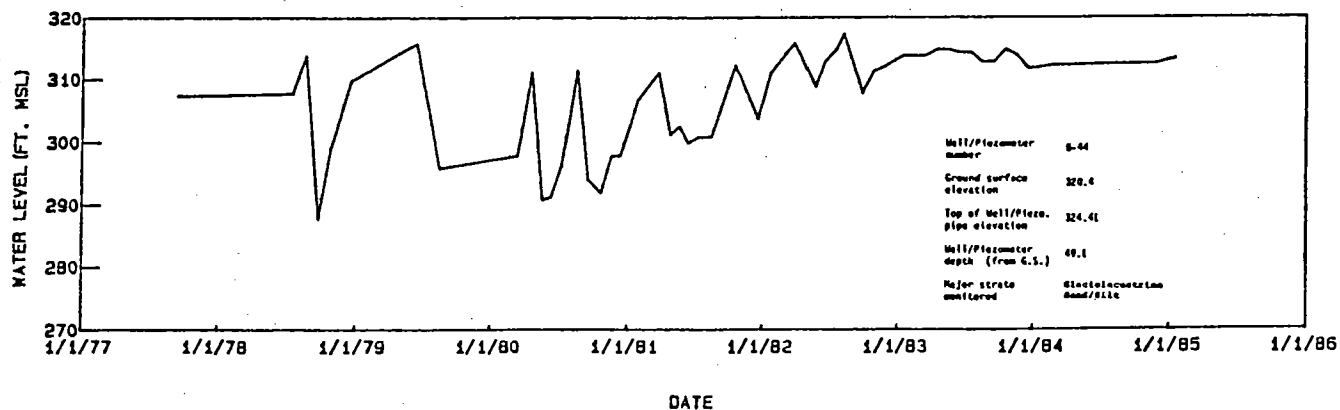
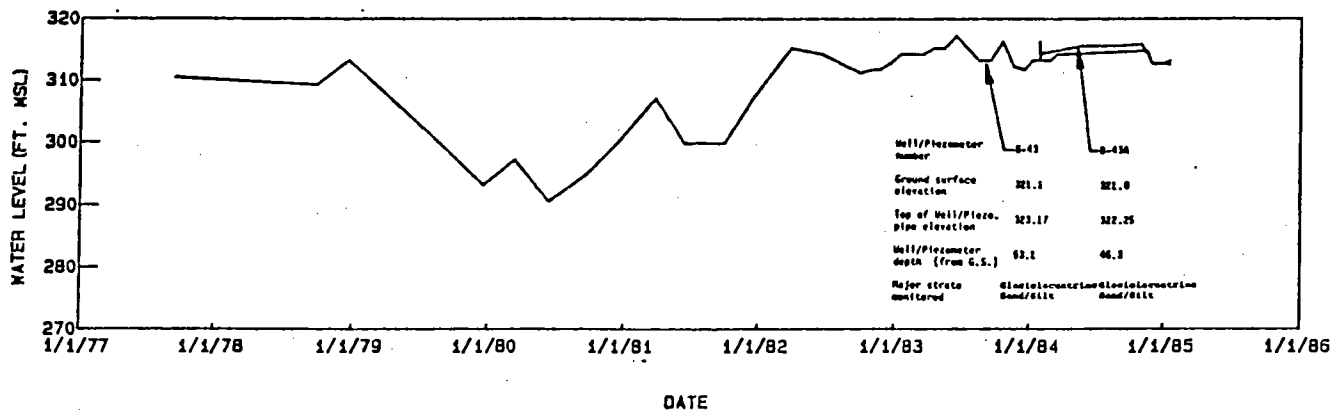
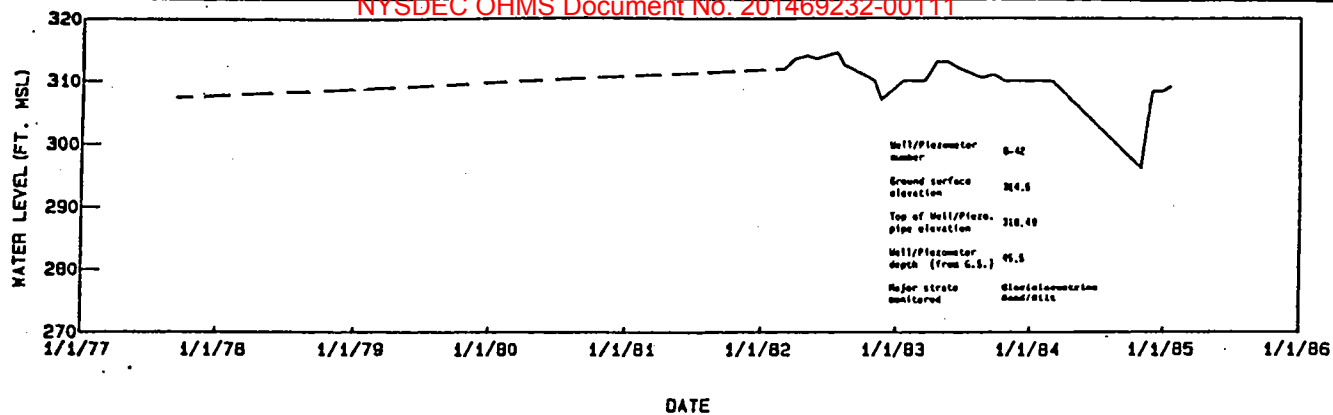


EXHIBIT 14, p. 3

NO.	853-3047	SCALE	AS SHOWN
DRAWN	CMB	DATE	3-2-85
CHECKED		DWG. NO.	36
Golder Associates		CHEMICAL WASTE MANAGEMENT, INC.	

FIGURE 31

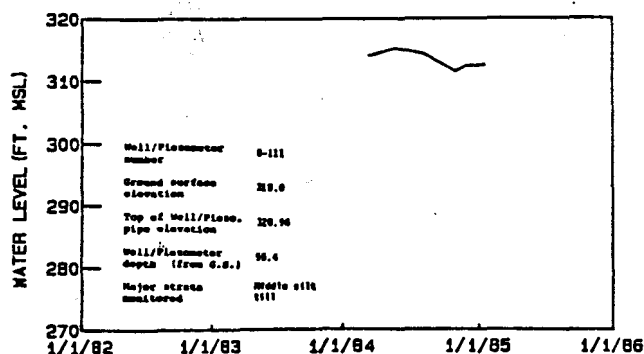
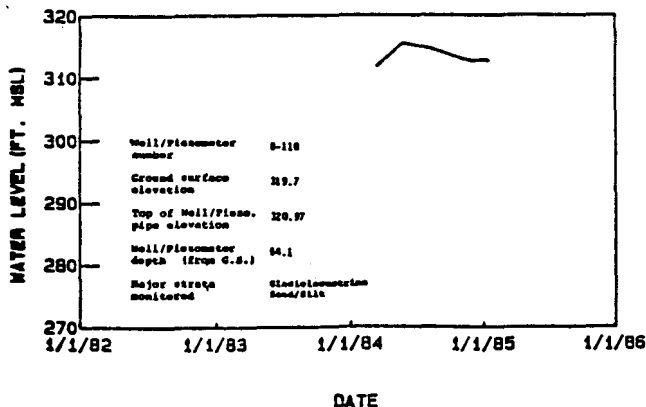
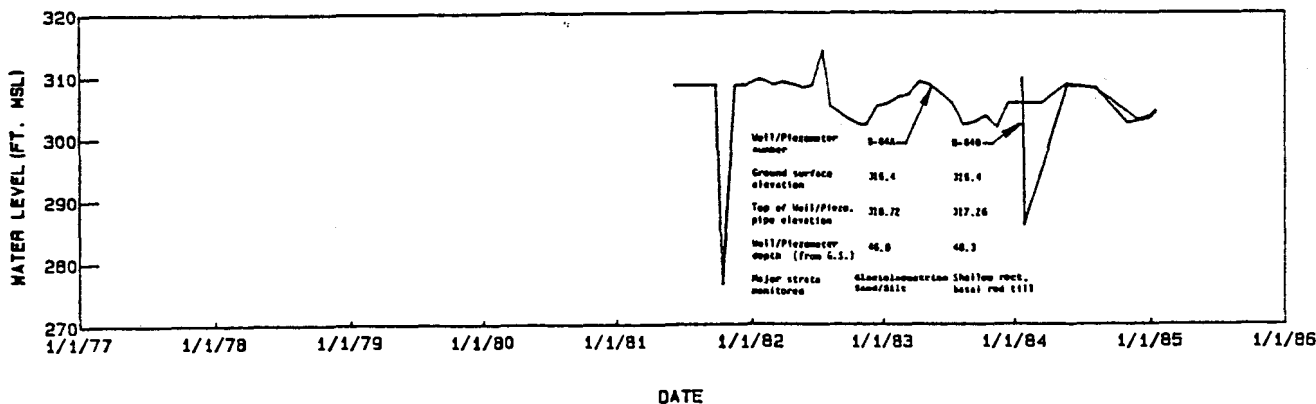
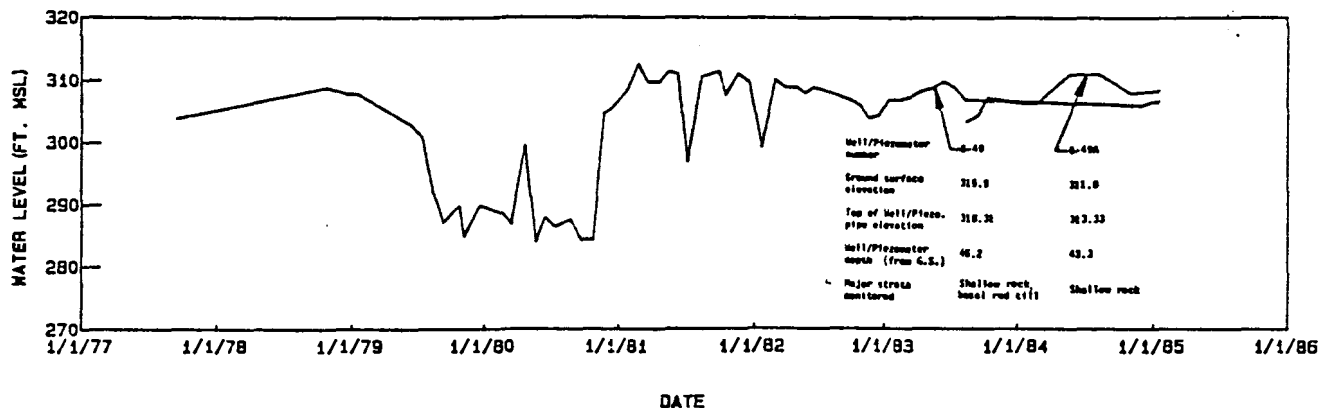
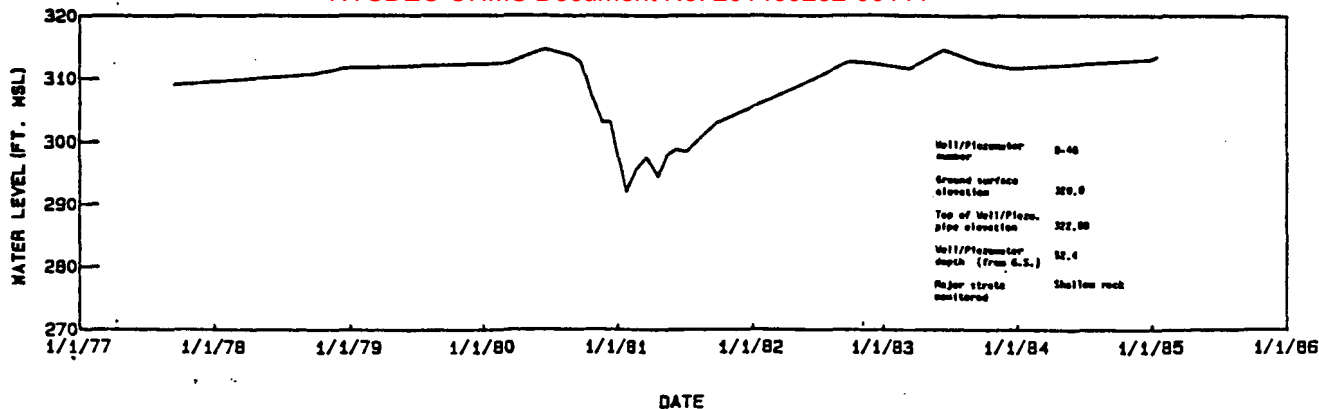


EXHIBIT 14, p. 4

NO. 853-3047	SCALE AS SHOWN	WATER LEVEL HISTORIES - B-48, B-49, B-49a, B-84a, B-84b, B-110, B-111
CMB	DATE 3-2-85	
CKED <i>QPL</i>	DWG. NO. 37	
Golder Associates		CHEMICAL WASTE MANAGEMENT, INC.

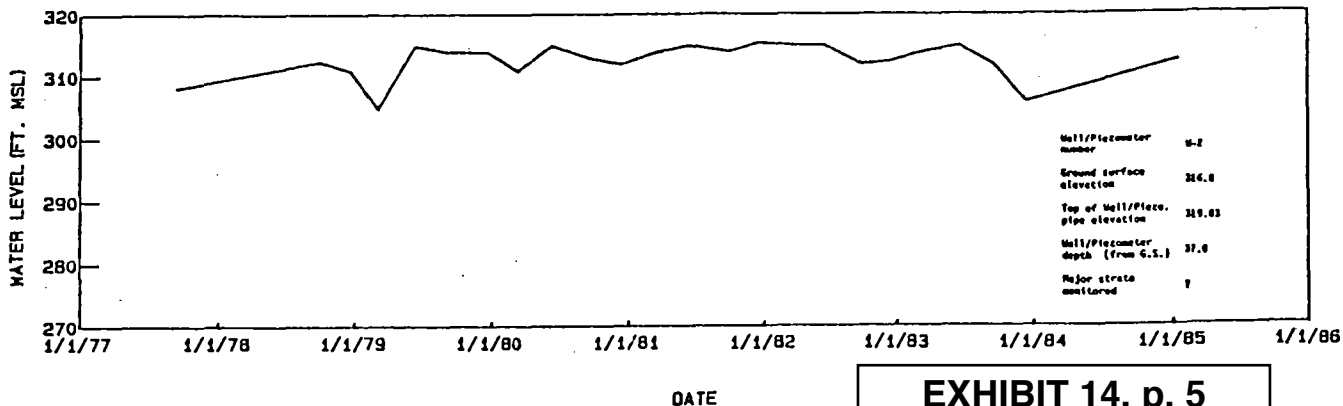
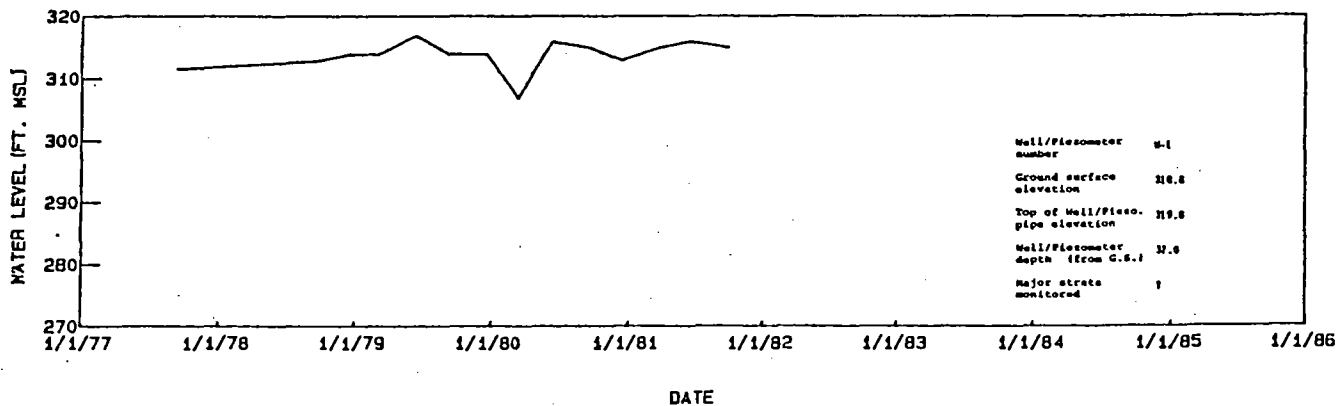
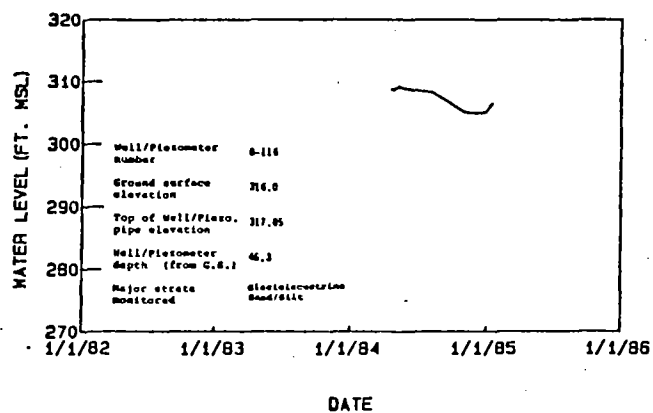
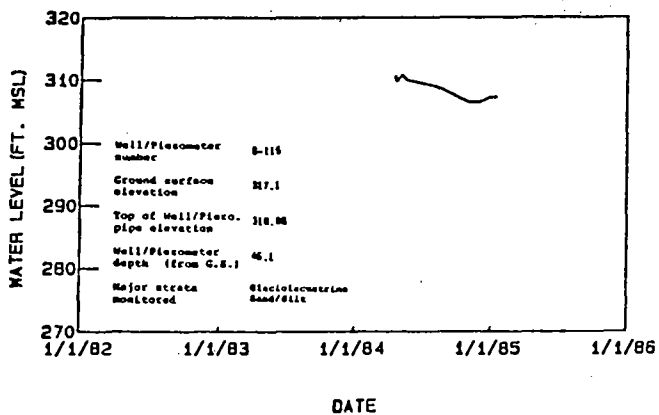
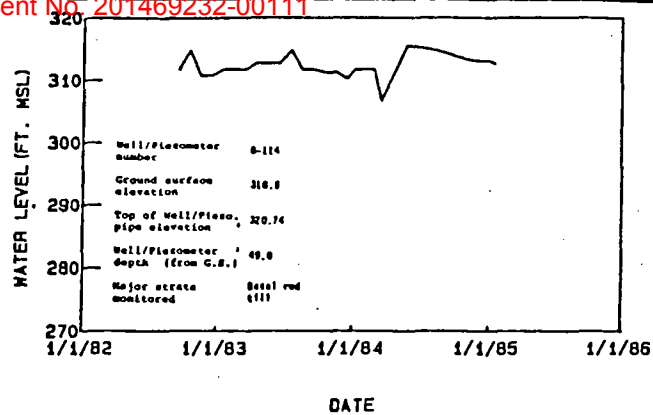
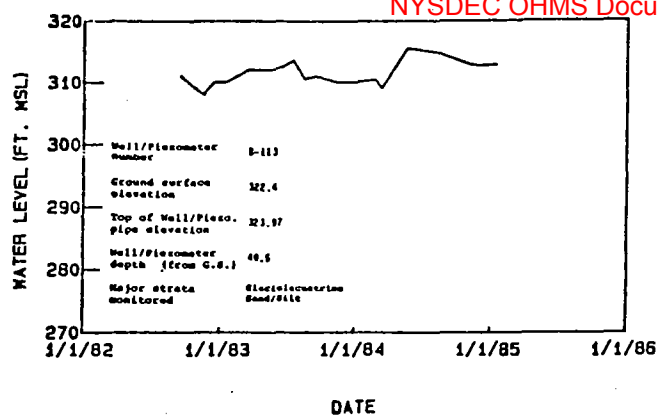


EXHIBIT 14, p. 5

JOB NO.	853-3047	SCALE	AS SHOWN
DRAWN	CMB	DATE	3-2-85
CHECKED	<i>[Signature]</i>	DWG. NO.	38

Golder Associates

WATER LEVEL HISTORIES -
B-113, B-114, B-115, B-116, W-1, W-2

CHEMICAL WASTE MANAGEMENT, INC.

FIGURE 33

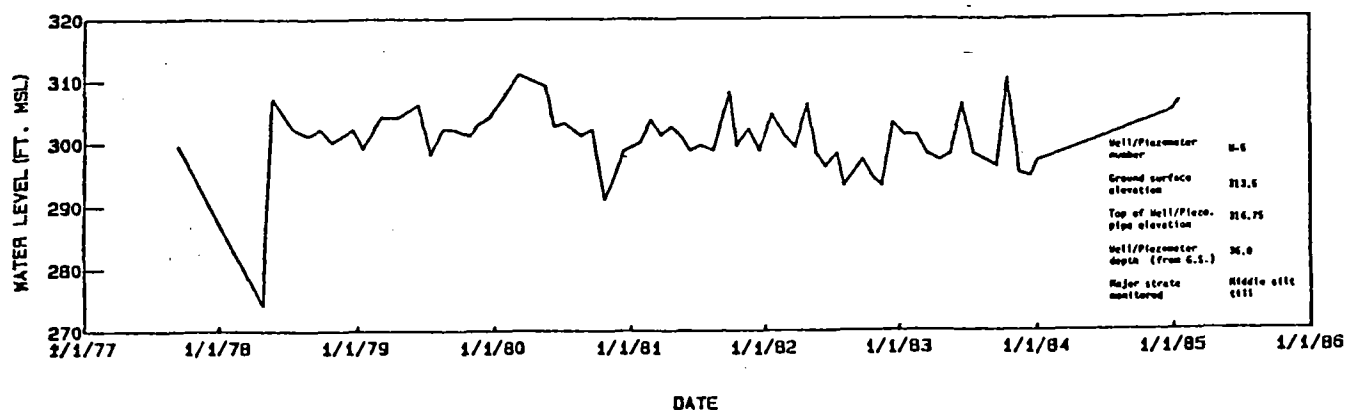
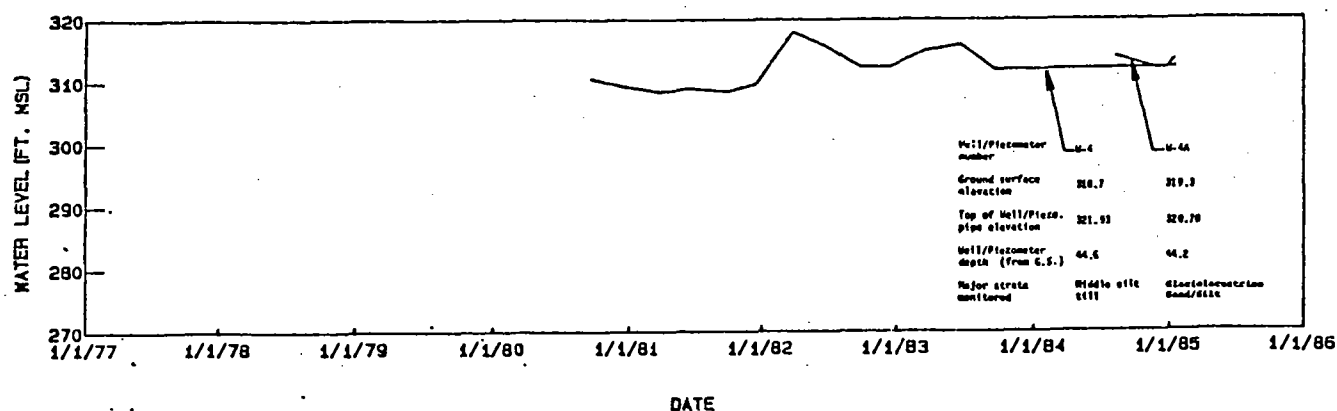
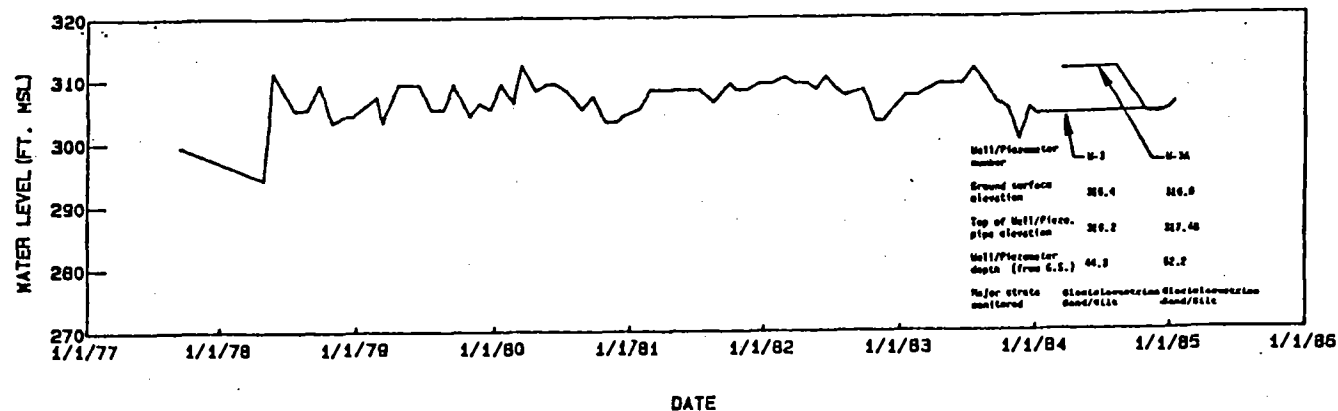


EXHIBIT 14, p. 6

NO.	853-3047	SCALE	AS SHOWN
DRAWN	CMB	DATE	3-2-85
CHECKED	<i>JFC</i>	DWG. NO.	39
Golder Associates			

WATER LEVEL HISTORIES -
W-3, W-3a, W-4, W-4a, W-5

CHEMICAL WASTE MANAGEMENT, INC.

FIGURE 34

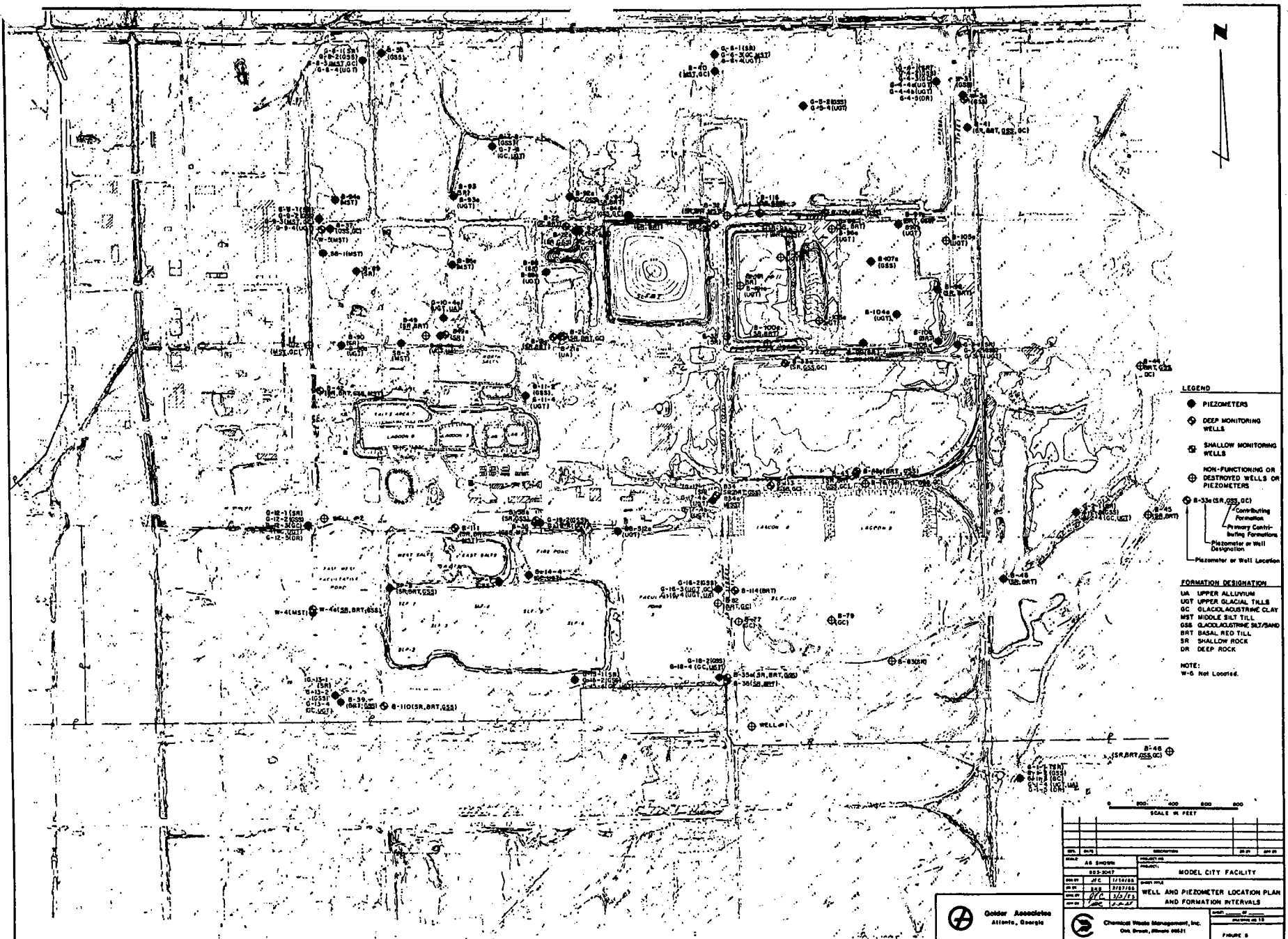


FIGURE 3
SSOW PIEZOMETRIC LEVELS VERSUS DATE
 Wells > 2000 ft from Sec III A-2/3 sump
 (DOE DATUM)

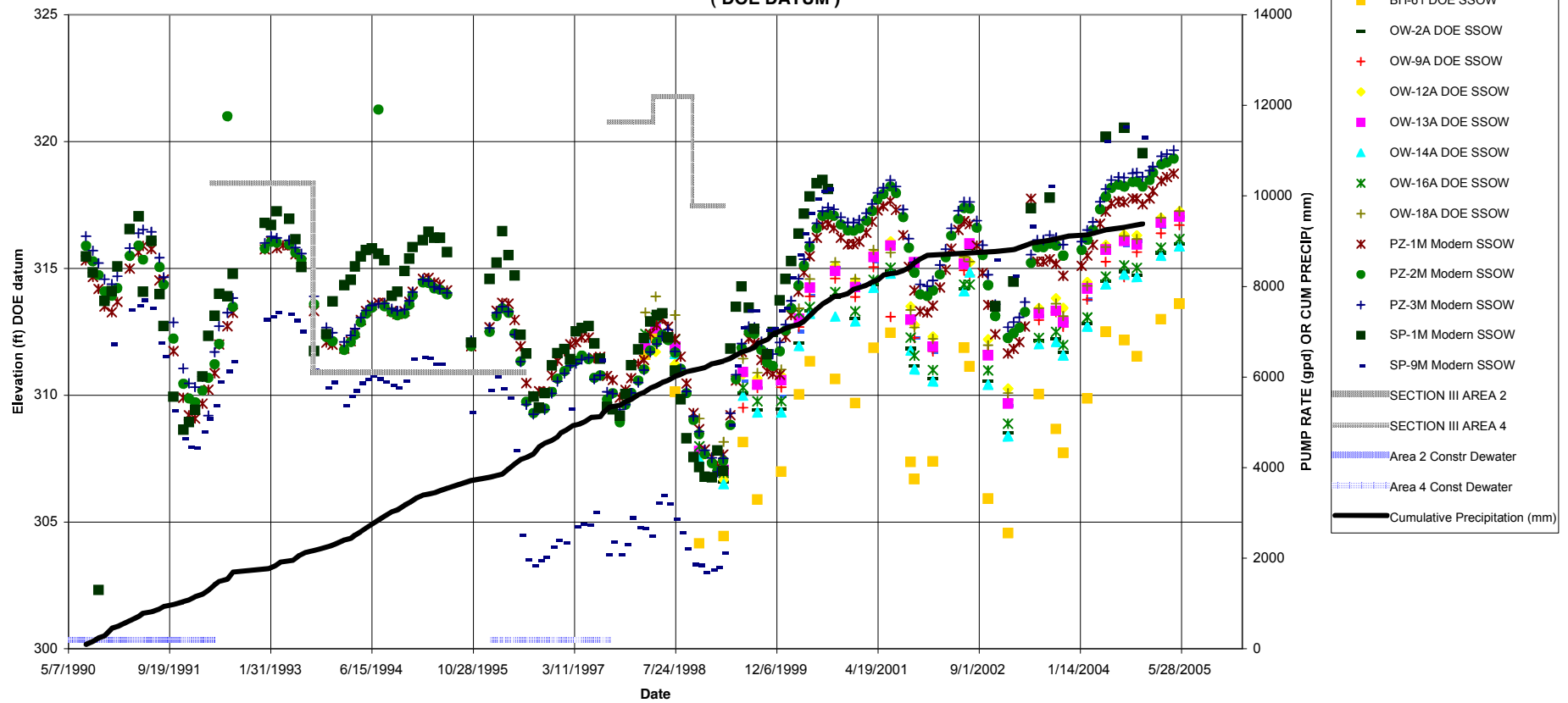


FIGURE 4
SSOW PIEZOMETRIC LEVELS VERSUS DATE
 Wells < 2000 ft from Sec III A-2/3 sump
 (DOE DATUM)

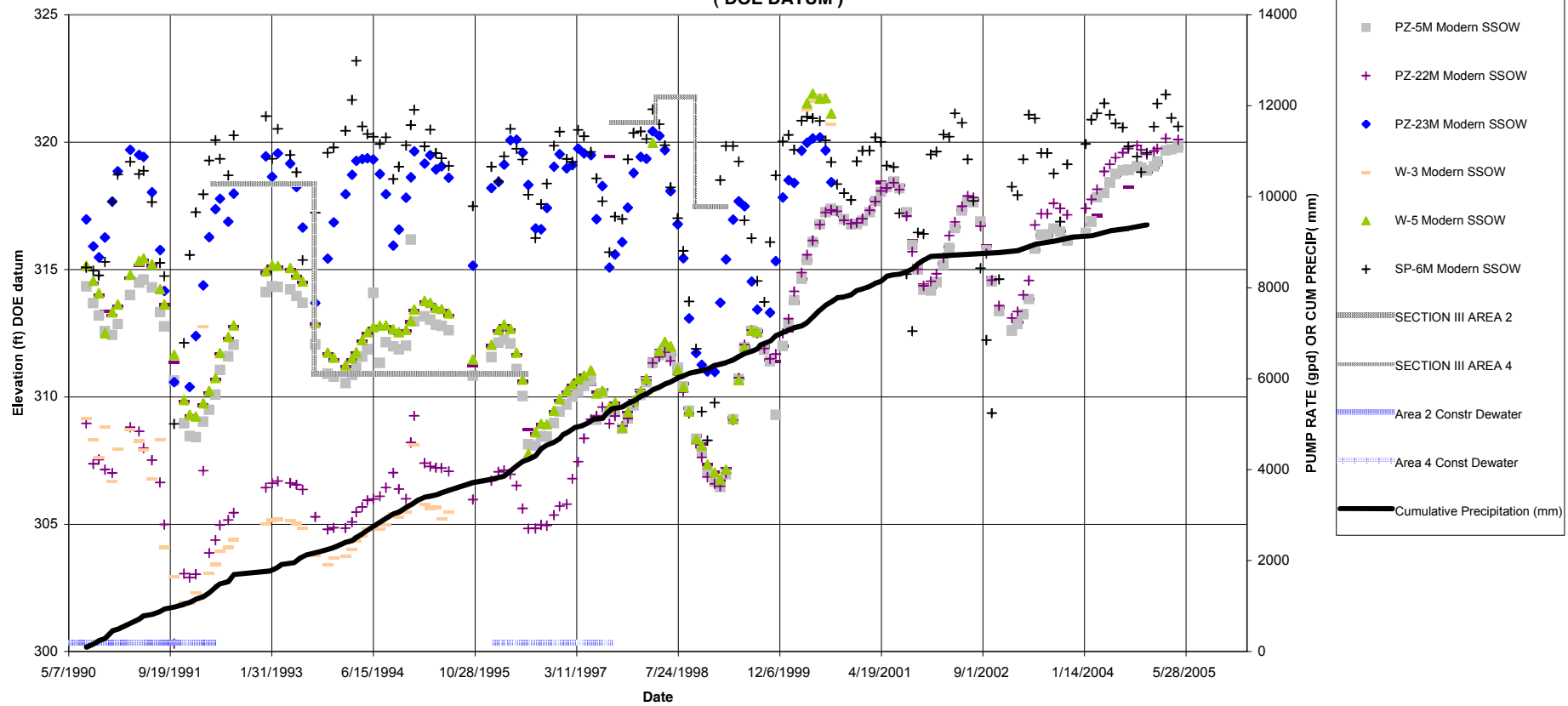


FIGURE 5
SSOW PIEZOMETRIC LEVELS VERSUS DATE
Wells > 2000 ft from Sec III A-4 sump
(DOE DATUM)

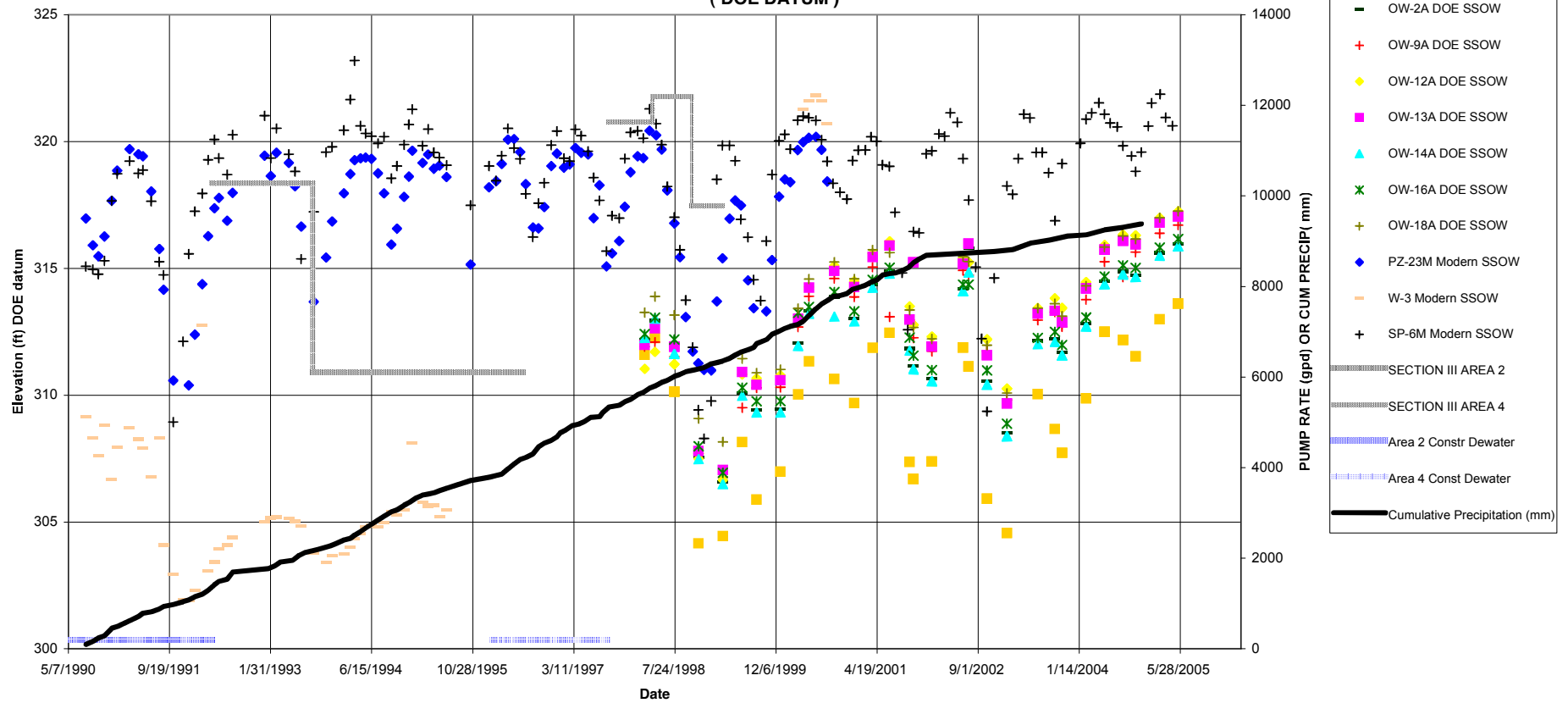


FIGURE 6
SSOW PIEZOMETRIC LEVELS VERSUS DATE
 Wells < 2000 ft from Sec III A-4 sump
 (DOE DATUM)

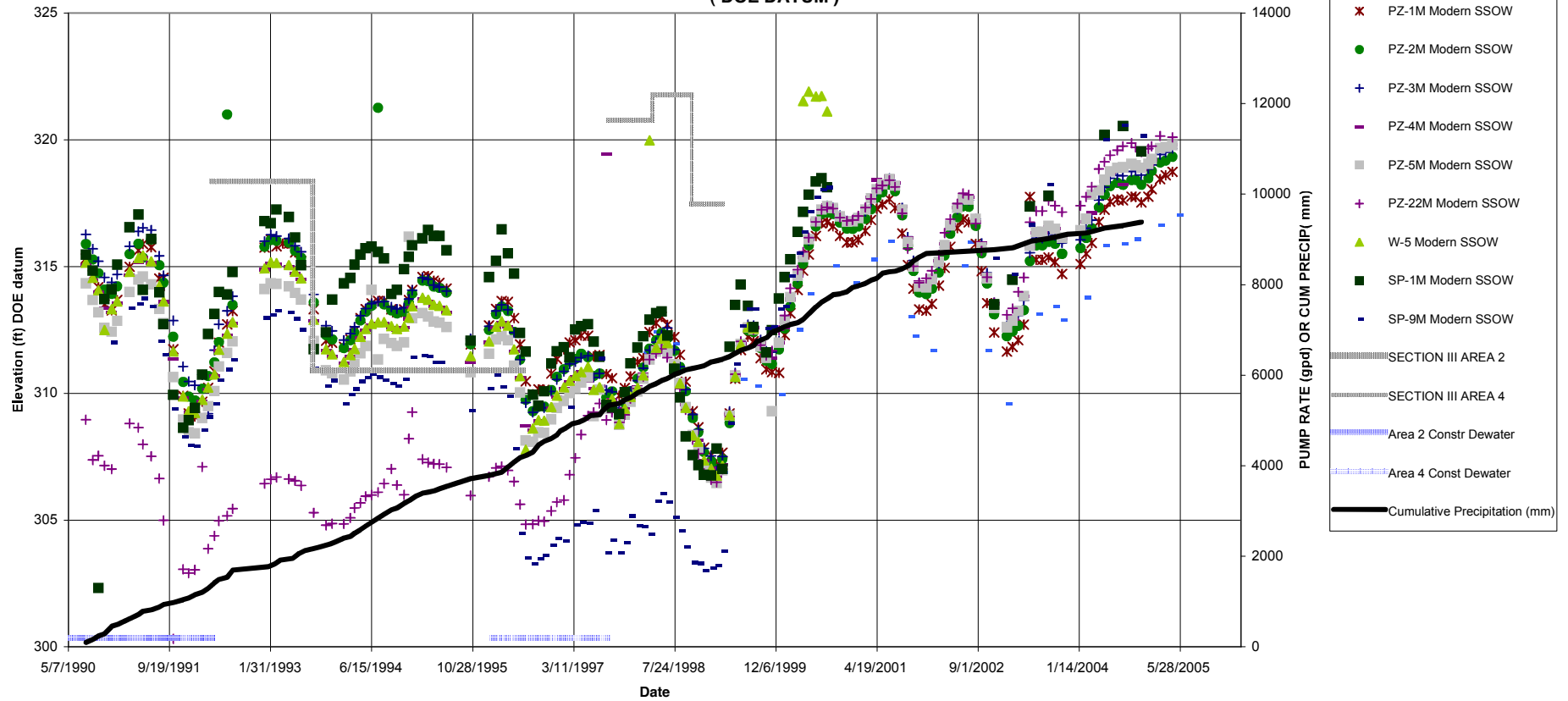


FIGURE 7
QFM PIEZOMETRIC LEVELS VERSUS DATE
 Wells > 2000 ft from Sec III A-2/3 sump
 (DOE DATUM)

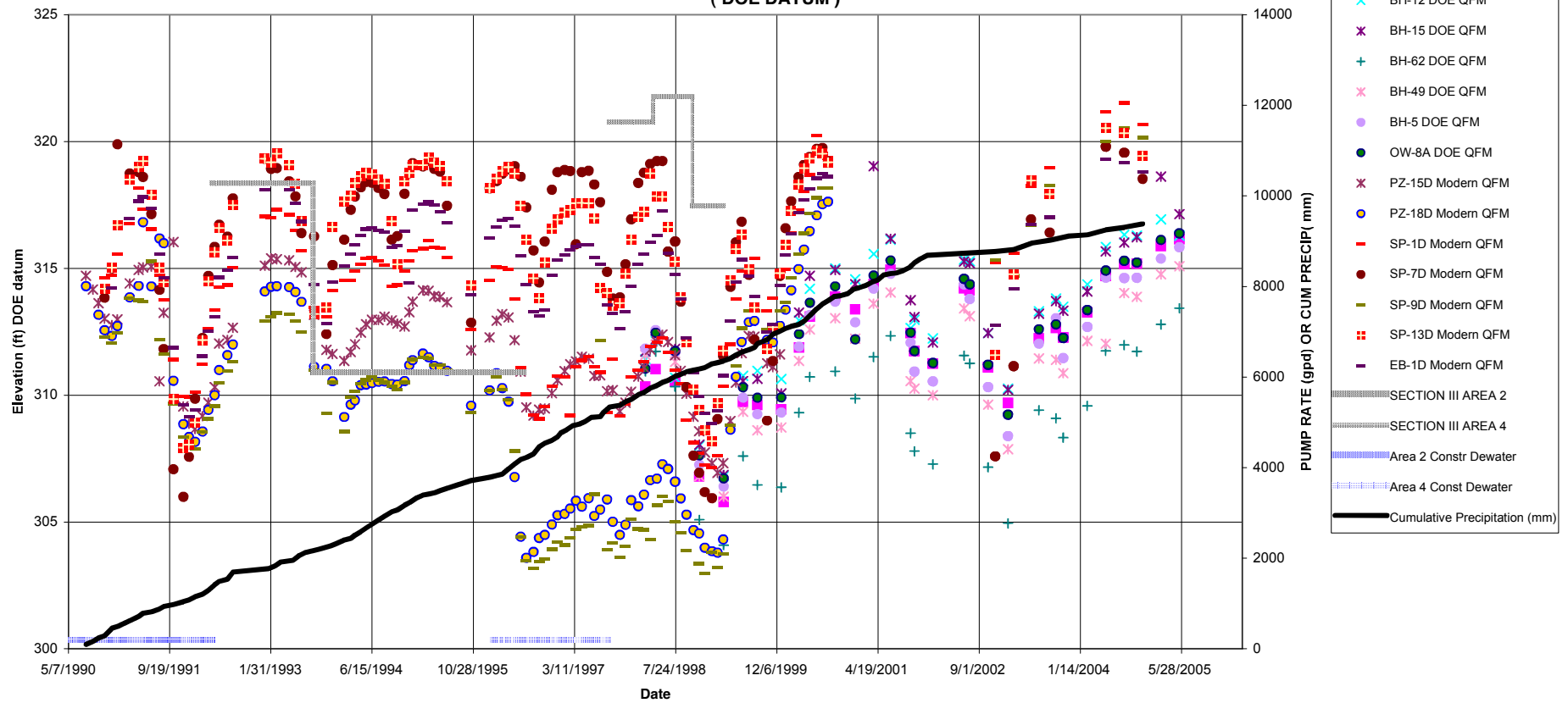


FIGURE 8
QFM PIEZOMETRIC LEVELS VERSUS DATE
Wells < 2000 ft from Sec III A-2/3 sump
(DOE DATUM)

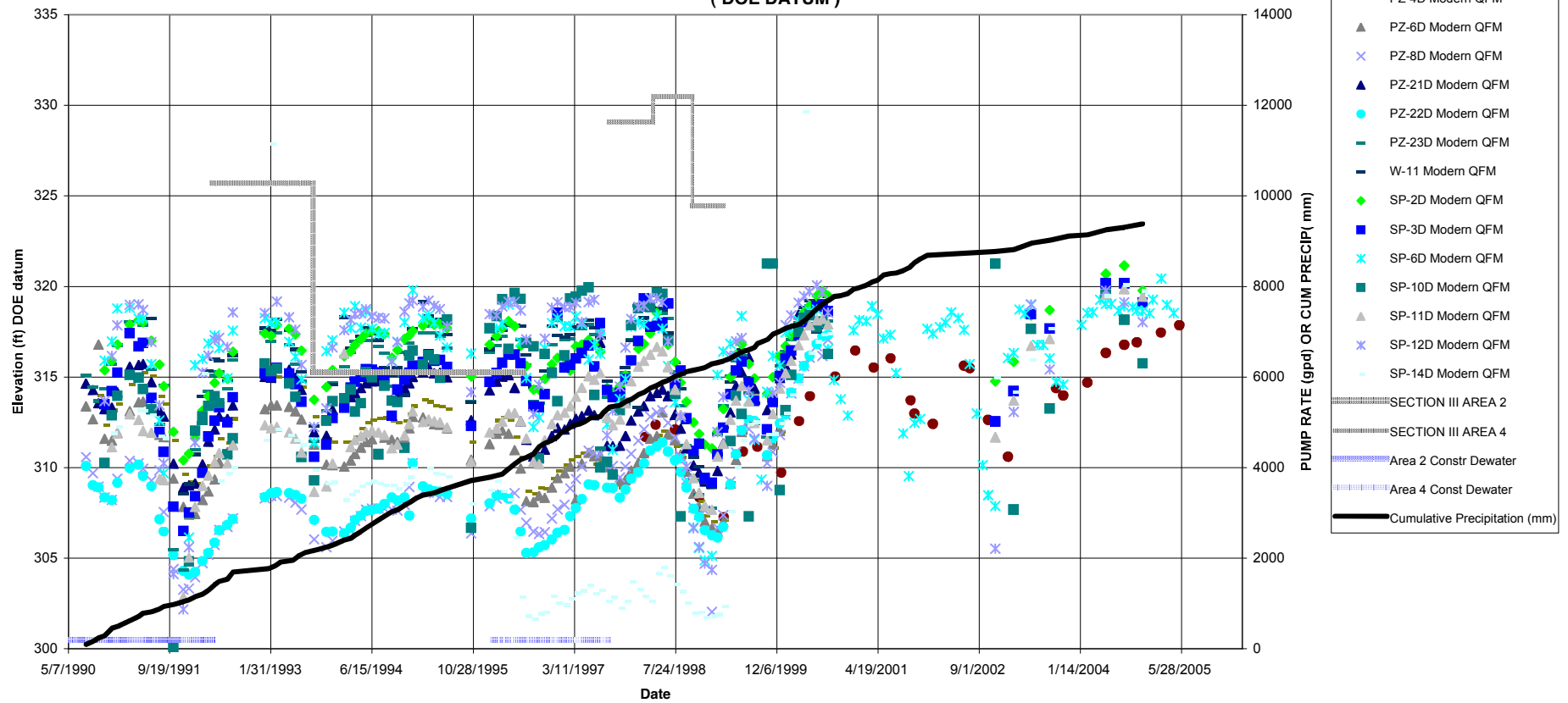


FIGURE 9
QFM PIEZOMETRIC LEVELS VERSUS DATE
Wells > 2000 ft from Sec III A-4 sump
(DOE DATUM)

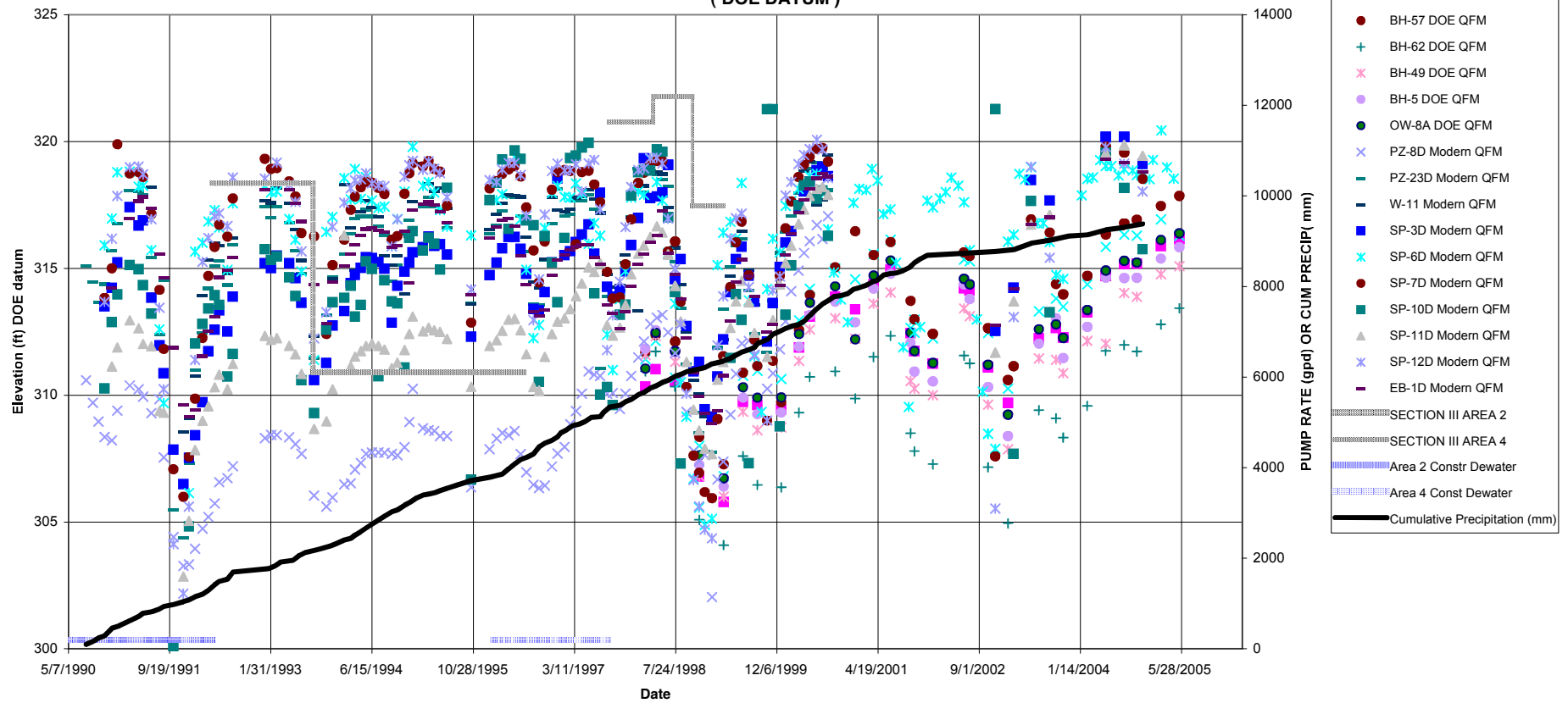


FIGURE 10
QFM PIEZOMETRIC LEVELS VERSUS DATE
Wells < 2000 ft from Sec III A-4 sump
(DOE DATUM)

