APPENDIX 4.1

TREATABILITY STUDY FIGURES

Use or disclosure of information contained on this sheet is subject to the restriction on the cover page of this report.

FIGURE 1a
Thermal Extraction-GC-MS of Sample D1S (5.78 mg)
% Moisture = 35.4 % Oil and Grease = 8.70

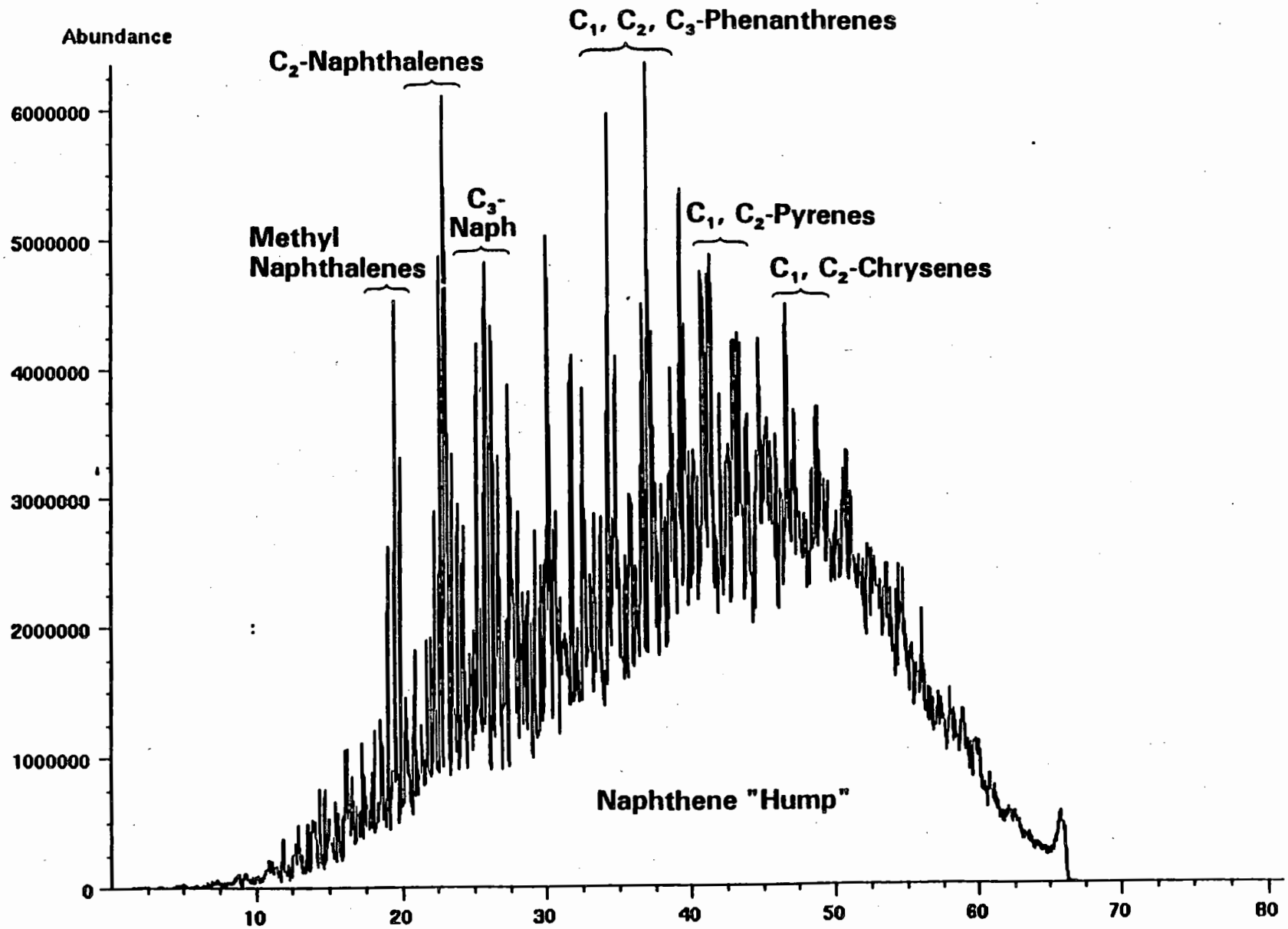


FIGURE 2
Density Correlates With % Solids

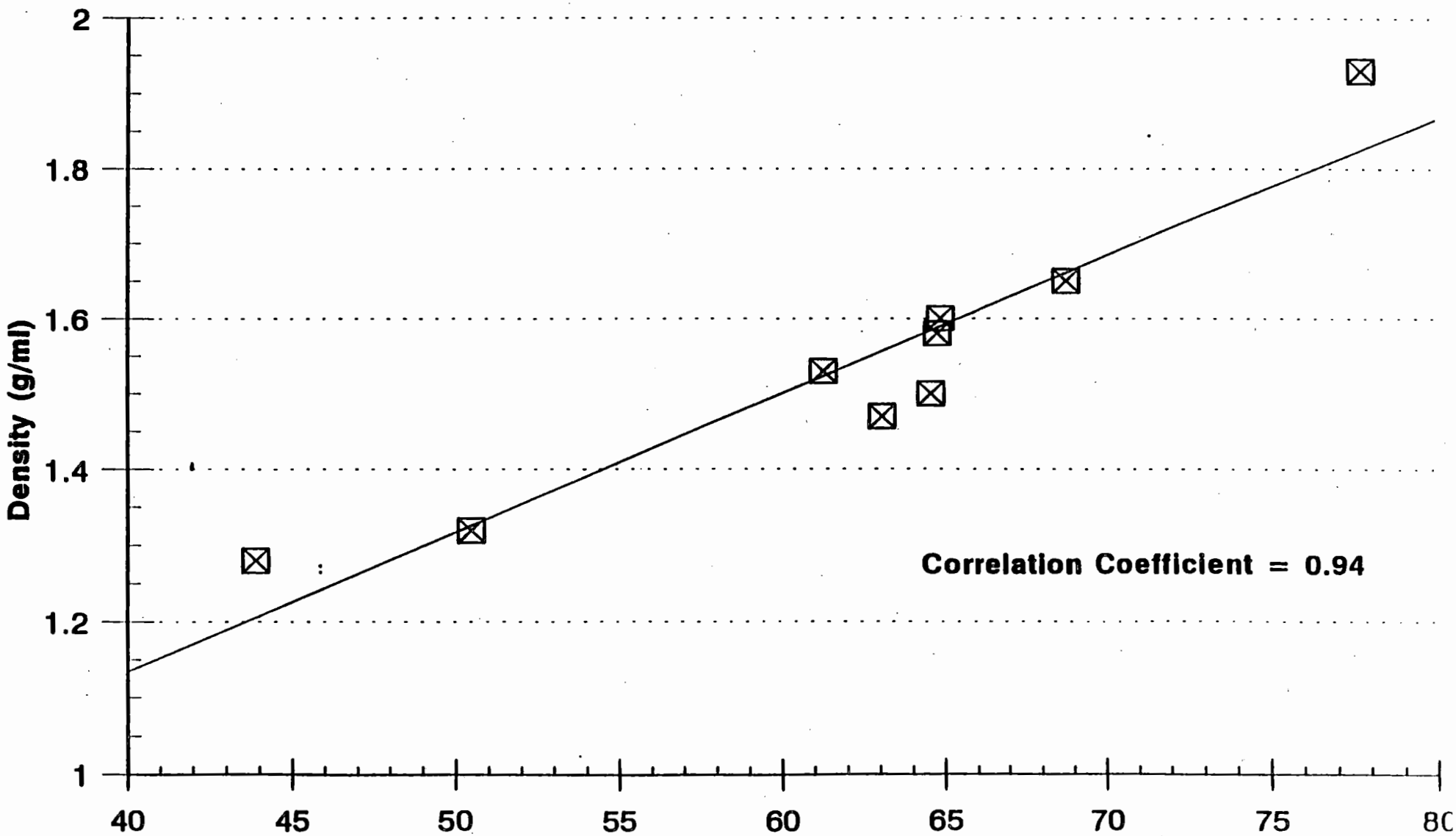


FIGURE 3
Compressive Strength is Strongly Dependent Upon Sludge Density

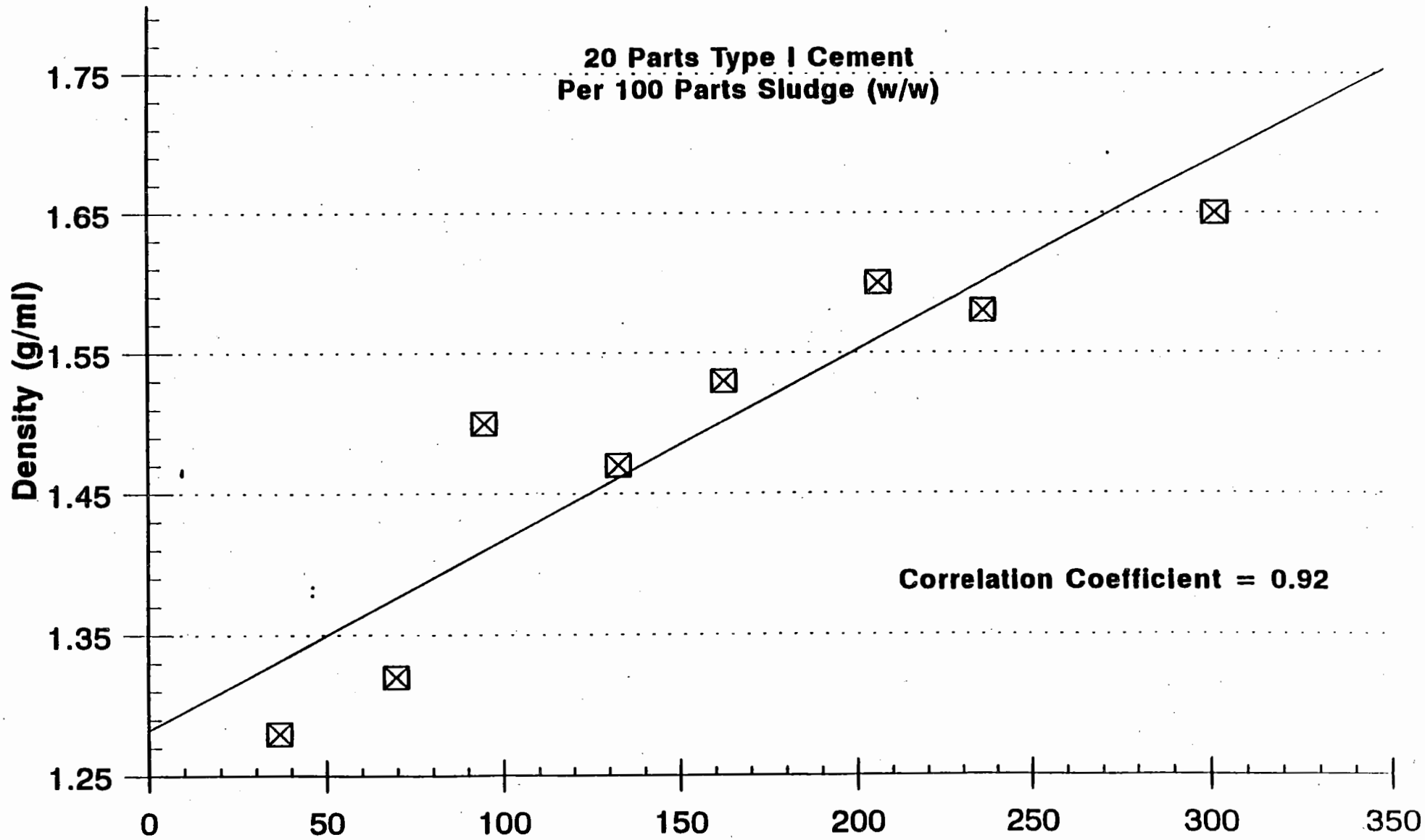


FIGURE 4
Compressive Strength Decreases as % Oil and Grease Increases

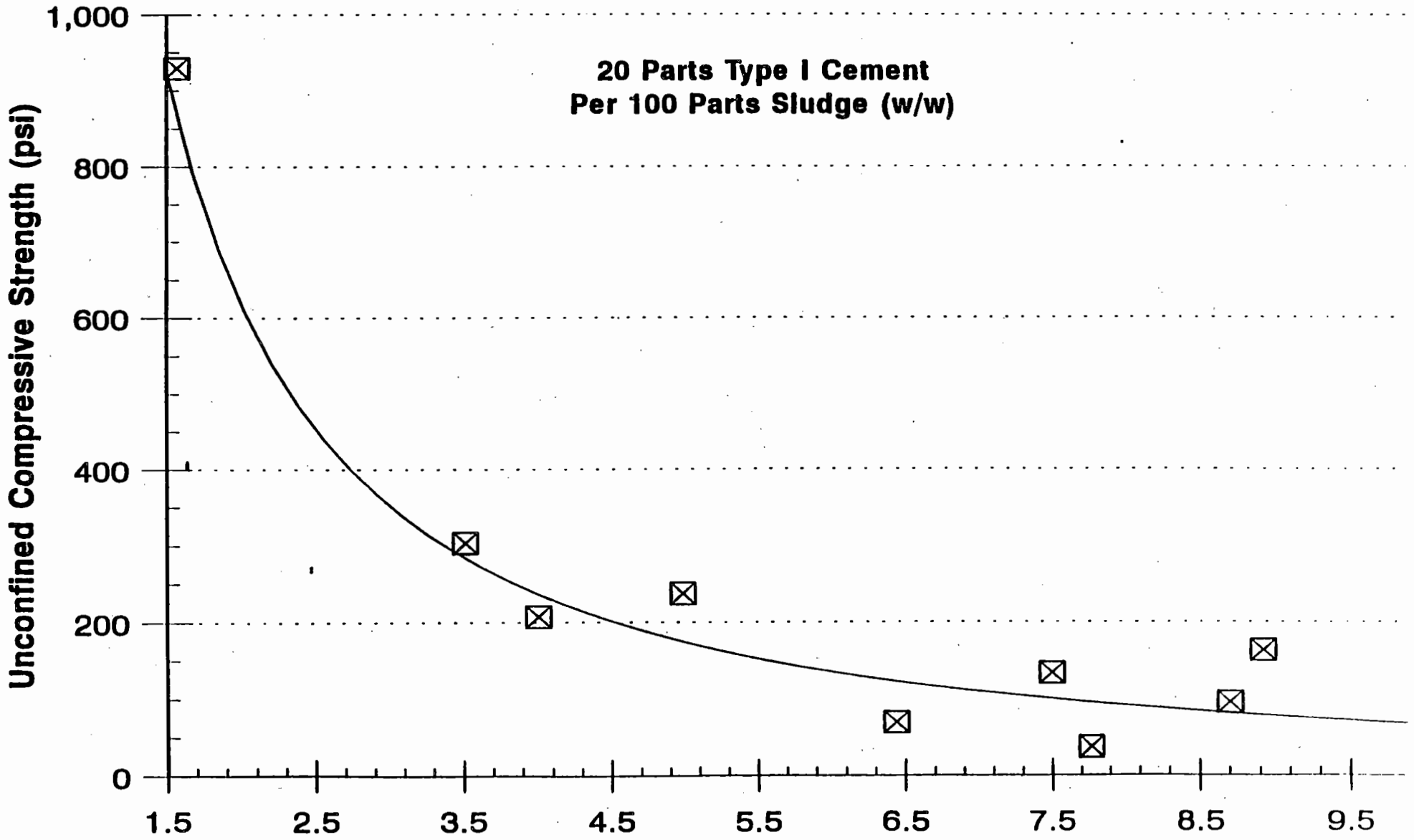


FIGURE 5
Compressive Strength Increases as % Solids Increase

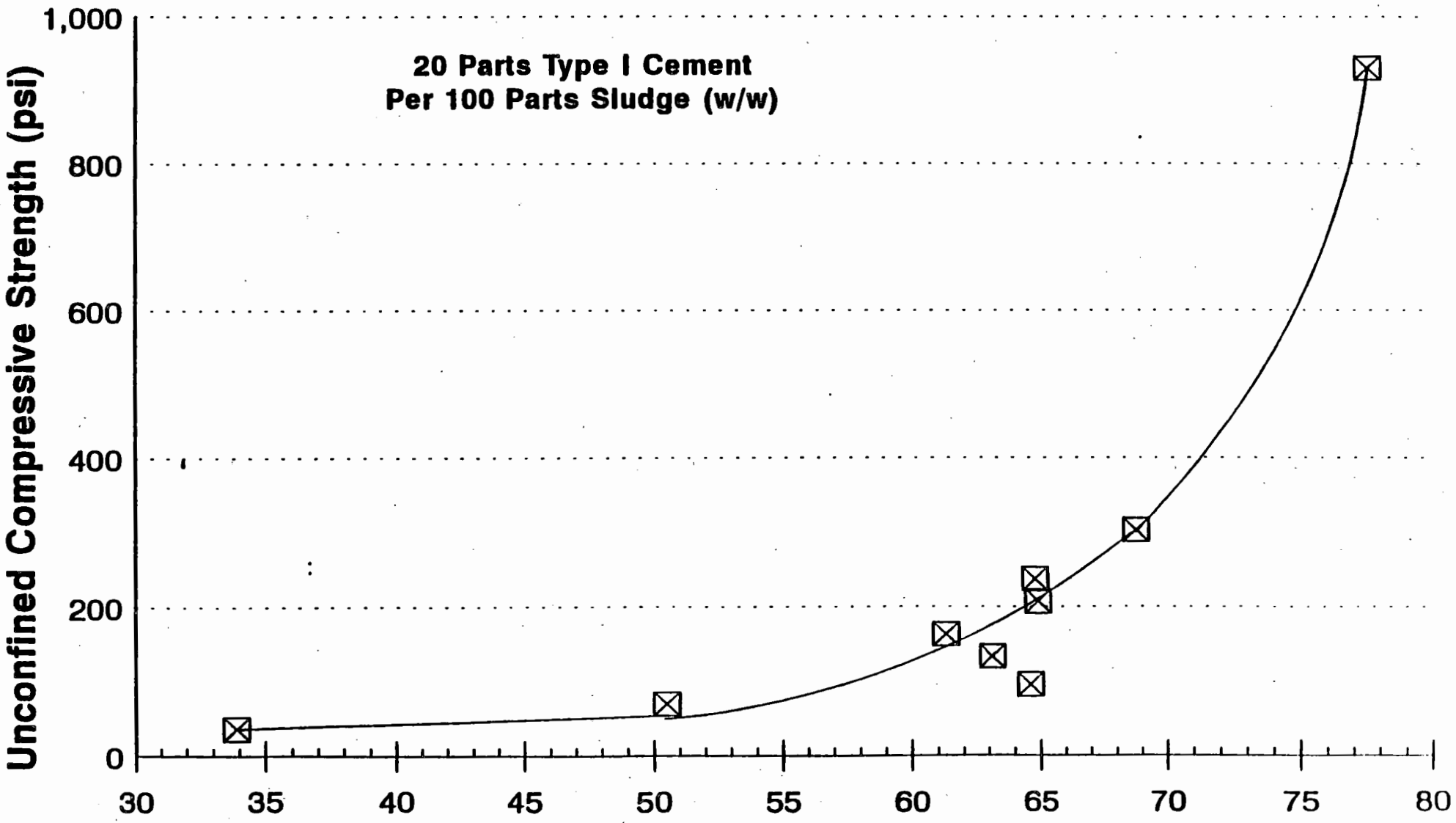


FIGURE 6
Moisture Content For Good Construction Characteristics

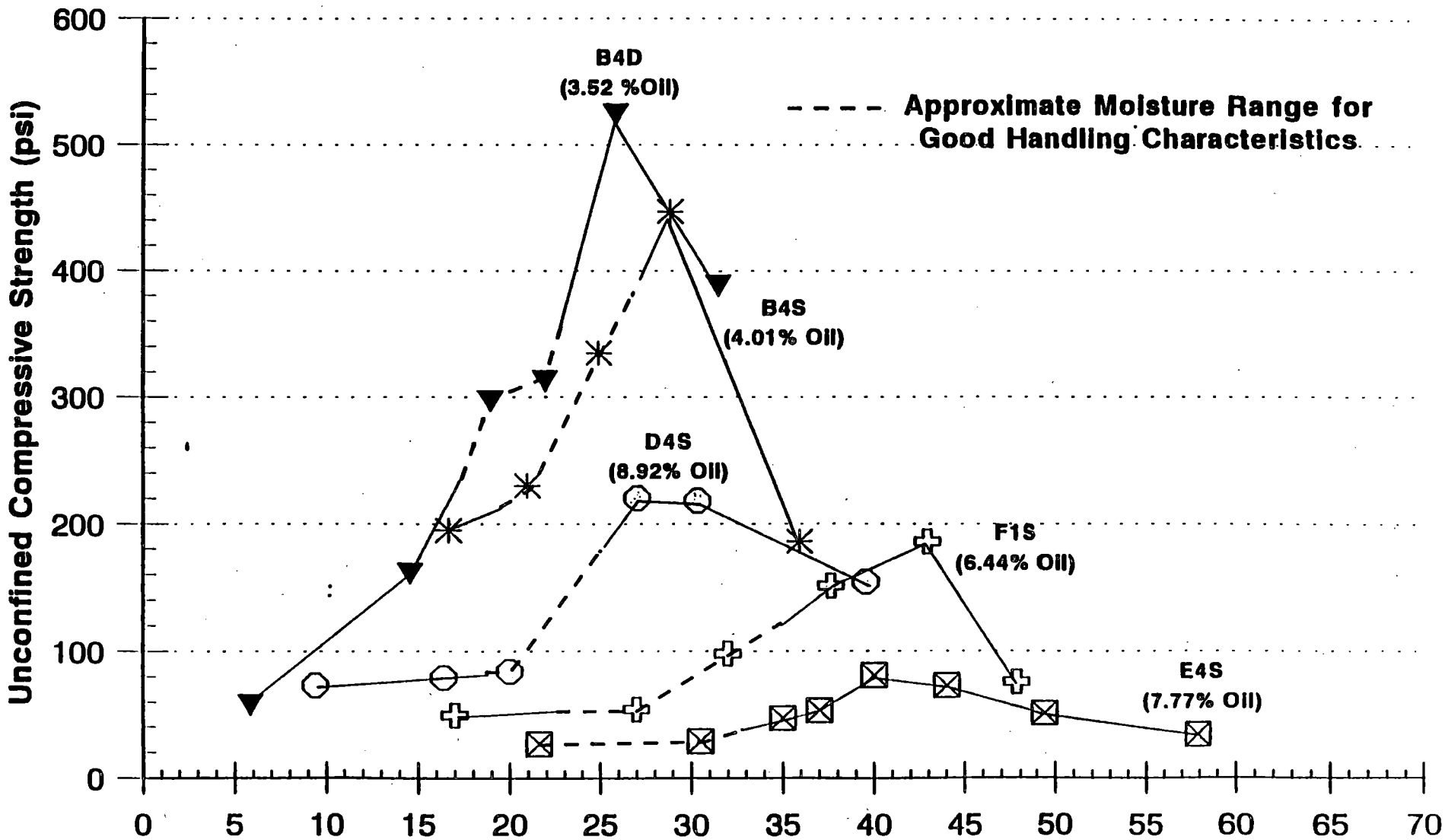
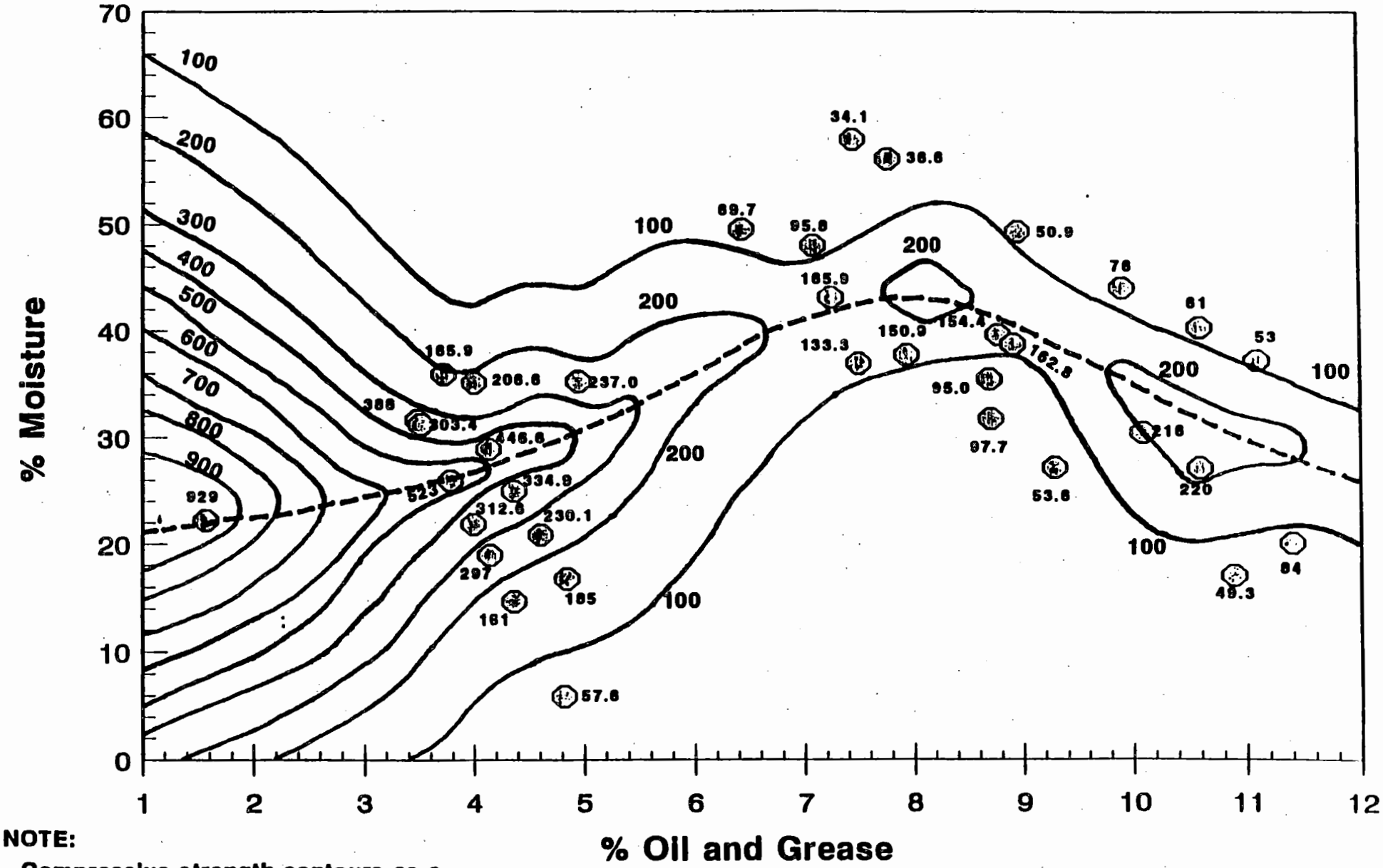


FIGURE 7



NOTE:
Compressive strength contours as a

FIGURE 8

The Amount of Water That Must Be Removed From a Sludge to Achieve Maximum Strength Can Be Estimated

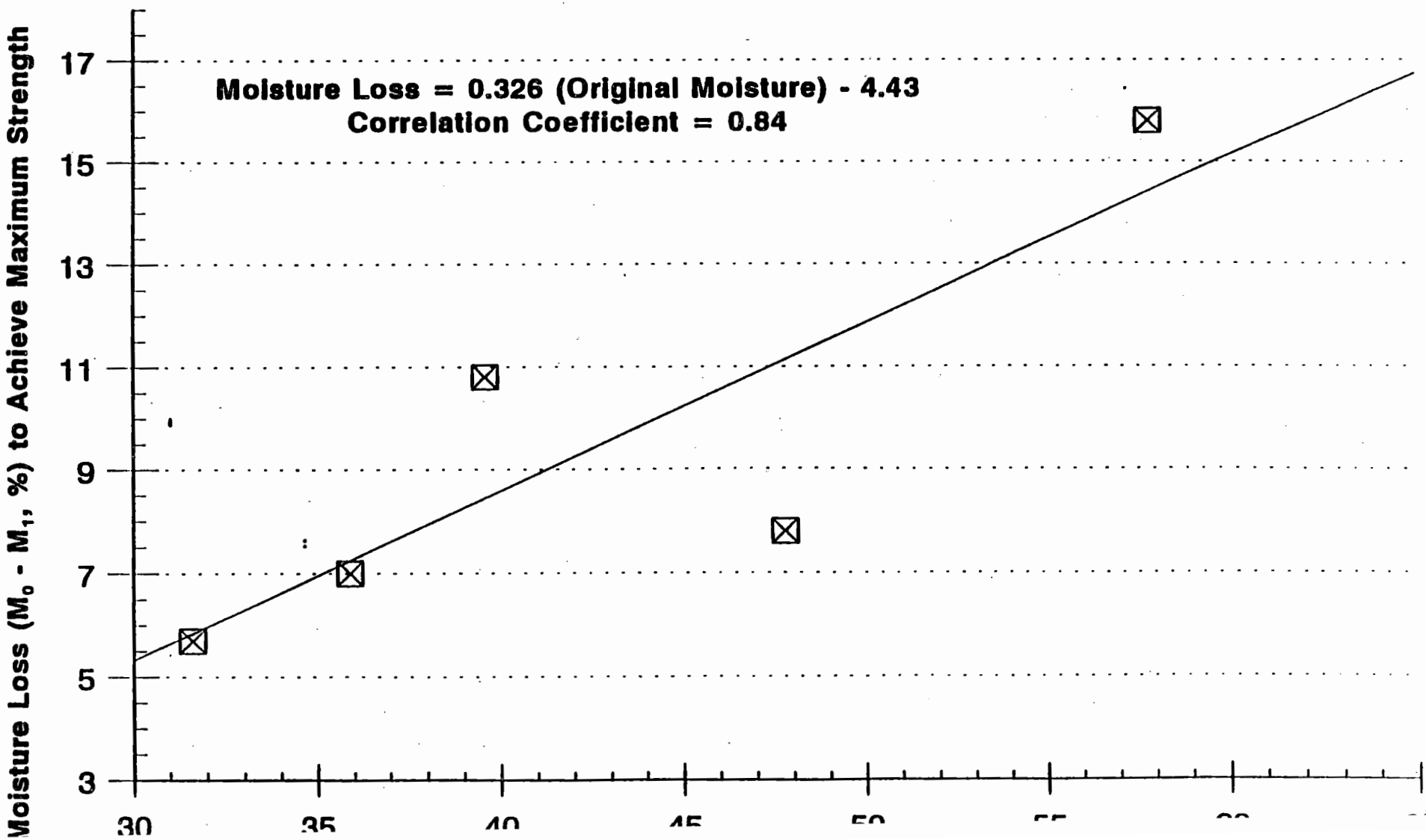
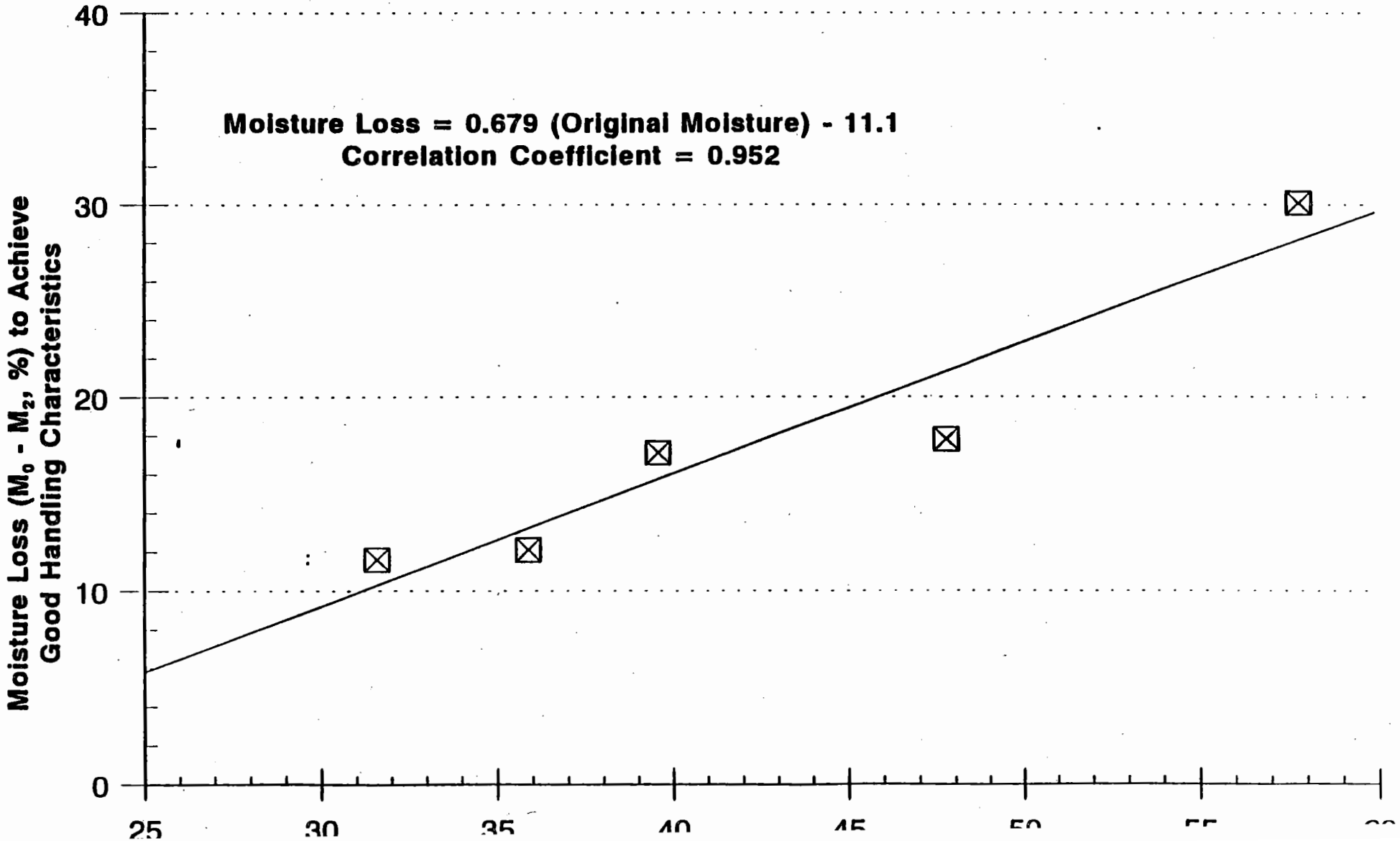


FIGURE 9

The Amount of Water That Must Be Removed From a Sludge to Obtain Good Handling Characteristics After Solidification Can Be Estimated



APPENDIX 4.2

TREATABILITY STUDY TABLES

TABLE 1A
Characteristics of Homogenized and Composited Samples From First Sample Set

Sample I.D.	pH	% Solids	% Oil and Grease (Wet Wt.)	Bulk Density	
				g/ml	lbs/gal
D1D	6.0	63.1	7.50	1.47	12.3
D1S	7.0	64.6	8.70	1.50	12.6
B4D	7.0	68.8	3.52	1.65	13.8
B4S	6.5	64.9	4.01	1.60	13.4
F2D	6.5	64.8	4.96	1.58	13.2
F1S	7.0	50.5	6.44	1.32	11.1

TABLE 1B
Characteristics of Homogenized and Composited Samples From Second Sample Set

Sample I.D.	pH	% Solids	% Oil and Grease (Wet Wt.)	Bulk Density	
				g/ml	lbs/gal
E3S	8.0	77.8	1.57	1.93	16.2
E4S	7.1	43.9	7.77	1.28	10.7
D4S	6.7	61.3	8.92	1.53	12.8

TABLE 2
Unconfined Compressive Strengths (7 Day Cure Time) for Sample D1S

Parts Cement By Weight Per 100 Parts Sludge	Unconfined Compressive Strength (psi) For Cement Added as Dry Power			Unconfined Compressive Strength (psi) For Cement Added as Slurry*		
	Replicate #1	Replicate #2	Average	Replicate #1	Replicate #2	Average
10	23.6	24.2	23.9	16.6	16.6	16.6
15	52.8	51.9	52.4	30.2	26.4	28.3
20	100.6	89.4	95.0	55.7	56.0	55.9
25	189.1	204.4	196.8	64.0	65.3	64.7
30	283.9	268.0	276.0	98.0	99.0	98.5

* Water to cement = 0.40 by weight.

TABLE 3
Unconfined Compressive Strengths (7 Day Cure Time) for Sample D1D

Parts Cement By Weight Per 100 Parts Sludge	Unconfined Compressive Strength (psi) For Cement Added as Dry Powder			Unconfined Compressive Strength (psi) For Cement Added as a Slurry*		
	Replicate #1	Replicate #2	Average	Replicate #1	Replicate #2	Average
10	35.7	35.7	35.7	26.4	23.6	25.0
15	70.0	76.1	73.1	44.6	44.6	44.6
20	129.9	136.6	133.3	62.4	66.2	64.3
25	204.4	206.9	205.7	84.0	92.0	88.0
30	304.3	324.7	314.5	116.8	126.1	121.5

* Water to cement = 0.40 by weight.

TABLE 4
Unconfined Compressive Strengths (7 Day Cure Time) for Sample F1S

Parts Cement By Weight Per 100 Parts Sludge	Unconfined Compressive Strength (psi) For Cement Added as Dry Powder			Unconfined Compressive Strength (psi) For Cement Added as a Slurry*		
	Replicate #1	Replicate #2	Average	Replicate #1	Replicate #2	Average
10	18.8	18.5	18.7	12.1	12.1	12.1
15	43.3	46.5	44.9	27.1	27.7	27.4
20	68.4	71.0	69.7	34.1	34.4	34.3
25	146.4	136.9	141.7	71.6	71.0	71.3
30	237.8	227.9	232.9	92.6	87.2	89.9

* Water to cement = 0.40 by weight.

TABLE 5
Unconfined Compressive Strengths (7 Day Cure Time) for Sample F2D

Parts Cement By Weight Per 100 Parts Sludge	Unconfined Compressive Strength (psi) For Cement Added as Dry Powder			Unconfined Compressive Strength (psi) For Cement Added as a Slurry*		
	Replicate #1	Replicate #2	Average	Replicate #1	Replicate #2	Average
10	54.4	53.2	53.8	34.4	34.7	34.6
15	126.1	131.5	128.8	67.5	71.9	69.7
20	234.0	240.0	237.0	105.7	114.0	109.9
25	348.5	363.5	356.0	175.4	176.7	176.1
30	506.4	531.9	519.2	215.5	222.2	218.9

* Water to cement = 0.40 by weight.

TABLE 6
Unconfined Compressive Strengths (7 Day Cure Time) for Sample B4S

Parts Cement By Weight Per 100 Parts Sludge	Unconfined Compressive Strength (psi) For Cement Added as Dry Powder			Unconfined Compressive Strength (psi) For Cement Added as a Slurry*		
	Replicate #1	Replicate #2	Average	Replicate #1	Replicate #2	Average
10	46.8	51.9	49.4	24.5	27.7	26.1
15	108.2	121.6	114.9	46.8	48.1	47.5
20	198.3	214.9	206.6	78.6	84.0	81.3
25	359.7	357.8	358.8	112.0	117.5	114.8
30	579.3	605.7	592.5	149.0	161.7	155.4

* Water to cement = 0.40 by weight.

TABLE 7
Unconfined Compressive Strengths (7 Day Cure Time) for Sample B4D

Parts Cement By Weight Per 100 Parts Sludge	Unconfined Compressive Strength (psi) For Cement Added as Dry Powder			Unconfined Compressive Strength (psi) For Cement Added as a Slurry*		
	Replicate #1	Replicate #2	Average	Replicate #1	Replicate #2	Average
10	69.4	69.4	69.4	41.4	40.7	41.1
15	167.4	159.5	163.5	67.5	68.8	68.2
20	312.9	293.8	303.4	142.0	133.4	137.7
25	506.4	528.7	517.6	165.5	164.2	164.9
30	769.0	857.5	813.3	224.1	221.5	222.8

* Water to cement = 0.40 by weight.

TABLE 8
Unconfined Compressive Strengths (7 Day Cure Time) for Sample E3S

Parts Cement By Weight Per 100 Parts Sludge	Unconfined Compressive Strength (psi) For Cement Added As Dry Powder		
	Replicate #1	Replicate #2	Average
10	168.7	169.3	169.[illegible]
15	430.7	446.0	438.[illegible]
20	921.2	936.8	929.[illegible]
25	1428	1520	1474
30	2284	2370	2327

TABLE 9
Unconfined Compressive Strengths (7 Day Cure Time) for Sample E4S

Parts Cement By Weight Per 100 Parts Sludge	Unconfined Compressive Strength (psi) For Cement Added As Dry Powder		
	Replicate #1	Replicate #2	Average
10	6.0	6.0	6.0
15	16.6	18.1	17.4
20	36.3	36.9	36.6
25	66.8	70.7	68.8
30	119.4	126.4	122.9

TABLE 10
Unconfined Compressive Strengths (7 Day Cure Time) for Sample D4S

Parts Cement By Weight Per 100 Parts Sludge	Unconfined Compressive Strength (psi) For Cement Added As Dry Powder		
	Replicate #1	Replicate #2	Average
10	20.1	21.3	20.7
15	65.6	69.1	67.4
20	158.2	167.4	162.8
25	210.4	228.5	219.5
30	430.0	454.2	442.1

TABLE 11
Gross Composition and Compressive Strength* Data Transformed to Standard Scores

Sample I.D.	pH	% Solid	% Oil and Grease	Density (g/ml)	Unconfined Compressive Strength (20% Cement)
D1D	-1.664479	0.096634	0.651499	-0.388622	-0.424376
D1S	0.256073	0.257692	1.149460	-0.222069	-0.572990
B4D	0.256073	0.708653	-1.008371	0.610692	0.240476
B4S	-0.704202	0.289903	-0.796737	0.333104	-0.134969
F2D	-0.704202	0.289903	-0.402518	0.222069	-0.017642
F1S	0.256073	-1.256250	0.211633	-1.221384	-0.671936
E3S	2.176626	1.675000	-1.809258	2.165182	2.688700
E4S	0.448129	-1.964904	0.763540	-1.443454	-0.800213
D4S	-0.320092	-0.096634	1.240752	-0.055517	-0.307049

* Only unconfined compressive strength data for 20 parts dry cement per 100 parts sludge were used to illustrate relationships in this table. The interested reader can, of course, use other compressive strength data in Tables 2-10.

TABLE 12
Correlation Half-Matrix for Soft Sediment Characteristics and Compressive Strength

	pH	% Solids	% Oil and Grease	Density (g/ml)	Unconfined Compressiv Strength (psi)
pH	**1.0	0.24	-0.46	0.46	0.68
% Solids		1.0	-0.62	0.94	0.76
% Oil and Grease			1.0	-0.76	-0.78
Density (g/ml)				1.0	0.91
Unconfined* Compressive Strength (psi)					1.0

* 20 parts cement powder per 100 parts sludge (w/w).
** Correlation coefficient.

Note: Correlation coefficients are based upon data transformed to standard scores as present in Table 11.

TABLE 13
Effect of Activated Carbon, Liquid Sodium Silicate, and Latex 2000 on Unconfined Compressive Strength of Sample B4S

Ratio Additive to Cement* (w/w)	Activated Carbon			Liquid Sodium Silicate			Latex 2000		
	Replicate #1	Replicate #2	Average	Replicate #1	Replicate #2	Average	Replicate #1	Replicate #2	Averag
0	**198.3	214.9	206.6	**198.3	214.9	206.6	**198.3	214.9	206.6
0.01	201.2	205.6	203.4	253.7	259.1	256.4	238.4	233.3	235.9
0.02	216.8	198.9	207.9	262.9	266.7	264.8	238.4	224.7	231.6
0.05	222.8	211.7	217.3	295.7	298.9	297.3	206.9	208.8	207.9
0.10	218.0	231.4	225.4	338.0	340.0	339.0	151.8	156.3	154.1
0.20	251.1	258.1	254.6	406.5	413.5	410.0	129.2	127.3	128.3

TABLE 14
Effect of Activated Carbon, Liquid Sodium Silicate, and Latex 2000 on Unconfined Compressive Strength of Sample D1D

Ratio Additive to Cement* (w/w)	Activated Carbon			Liquid Sodium Silicate			Latex 2000		
	Replicate #1	Replicate #2	Average	Replicate #1	Replicate #2	Average	Replicate #1	Replicate #2	Average
0	**129.9	136.6	133.3	**129.9	136.6	133.3	**129.9	136.6	133.3
0.01	128.6	143.9	136.3	153.7	179.5	166.6	132.1	137.8	135.0
0.02	111.7	128.0	119.9	153.1	179.2	166.2	164.9	166.8	165.9
0.05	132.7	147.1	139.9	137.2	170.3	153.8	113.6	116.8	115.2
0.10	127.3	138.5	132.9	137.2	161.1	149.2	101.2	98.4	99.8
0.20	147.7	151.8	149.8	196.4	204.4	200.4	70.3	73.5	71.9

* 20 parts Type I cement per 100 parts sludge. Cement added as dry powder.
** Unconfined compressive strength (psi), 7 day cure time.

TABLE 15
Effect of Silica Fume on Unconfined Compressive Strength (7 Day Cure Time) of Samples D1S and F2D

Ratio of Silica Fume to Cement (w/w)*	Unconfined Compressive Strength (psi) of D1S	Unconfined Compressiv Strength (psi) of F2D
0	**95.0	***237.
0.05	135.9	238.
0.10	151.8	253.
0.20	176.0	290.
0.50	211.0	135.

* 20 parts dry cement (Type I) per 100 parts sludge (w/w).
** Data from Table 2.
*** Data from Table 5.

TABLE 16
Effect of Lime on Unconfined Compressive Strength (7 Day Cure Time) of Sample F1S

Ratio Lime to Cement (w/w)*	Unconfined Compressive Strength (psi)
0	101.9
0.005	134.6
0.01	167.4
0.02	214.9
0.05	211.0

* 20 parts Type I cement per 100 parts sludge (w/w). Cement added as dry powder.

TABLE 17
Effect of Cure Time on Unconfined Compressive Strength

Sample I.D.	Parts Cement by Weight per 100 Parts Sludge	Unconfined Compressive Strength (psi) 7 Day Cure Time*	Extended Cure Time (days)	Unconfined Compressive Strength (psi) Extended Cure Time	% Increase in Strength**
D1S	20	95.0	29	214.2	125.6
	25	196.8	29	274.4	39.4
	30	276.0	29	436.1	58.0
F1S	25	141.7	29	211.0	48.9
	30	232.9	29	334.9	43.8
B4S	10	49.4	30	85.3	72.7
	15	114.9	30	226.0	96.7
	20	206.6	30	471.1	128.0
	25	358.8	30	550.4	53.4
	30	592.5	30	1051.0	77.4
F2D	10	53.8	30	77.3	43.7
	15	128.8	30	233.3	81.8
	20	237.5	30	452.0	80.6
	25	356.0	30	673.9	89.2

* Data in Tables 2, 4, 5, and 6.
** (28 day strength - 7 day strength)/(7 day strength)

TABLE 18
Unconfined Compressive Strength (7 Days) of Samples Mixed Simultaneously as Those Used for TCLP and Permeability Data

Mixture Composition*	Unconfined Compressive Strength of D1S (psi)	Unconfined Compressive Strength of F2D (psi)	Unconfined Compressive Strength of B4D (psi)
20 parts Type I cement	**140.9	257.4	408.4
20 parts Type I cement, 4 parts activated carbon	158.0	185.6	468.4
20 parts Type I cement, 4 parts soluble silicate	148.5	312.9	342.0
20 parts Type I cement, 4 parts silica fume	177.5	220.8	390.7
20 parts Type I cement, 4 parts Latex 2000	104.4	172.9	260.1

* Per 100 parts sludge.
** Average of duplicates.

TABLE 19
Permeability Data

Mixture Composition*	Permeability of D1S (cm/sec)	Permeability of F2D (cm/sec)	Permeability of B4D (cm/sec)
20 parts Type I cement	5.1×10^{-8}	1.0×10^{-8}	1.0×10^{-7}
20 parts Type I cement, 4 parts activated carbon	6.8×10^{-8}	4.7×10^{-8}	3.2×10^{-8}
20 parts Type I cement, 4 parts soluble silicate	1.2×10^{-8}	4.0×10^{-9}	8.1×10^{-9}
20 parts Type I cement, 4 parts silica fume	3.4×10^{-8}	2.3×10^{-8}	1.6×10^{-8}
20 parts Type I cement, 4 parts Latex 2000	1.7×10^{-7}	2.1×10^{-7}	8.0×10^{-8}

* Per 100 parts sludge, 7 day cure time.

TABLE 20
Oil and Grease TCLP Data

Mixture Composition*	D1S Oil and Grease Concentration (ppm)	F2D Oil and Grease Concentration (ppm)	B4D Oil and Grease Concentration (ppm)
original sludge	**87,000	49,600	35,200
20 parts Type I cement	***5.3	4.6	5.0
20 parts Type I cement, 4 parts activated carbon	2.3	2.0	2.8
20 parts Type I cement, 4 parts soluble silicate	6.8	5.4	4.4
20 parts Type I cement, 4 parts silica fume	6.2	4.0	5.8
20 parts Type I cement, 4 parts Latex 2000	6.0	3.6	4.8
analytical blank	0.4	0.4	0.4

* Per 100 parts sludge, 7 day cure time.
** Initial oil and grease concentration in sludge.
*** TCLP leachate concentrations.

TABLE 21
TCLP Metal Data for Sample F2D

Metal	Metal Concentration (ppb) in Sludge*	TCLP METAL CONCENTRATION (ppb)					
		Sludge**	20 Parts Type I	20 Parts Type I + 4 Parts Activated Carbon	20 Parts Type I + 4 Parts Silica Fume	20 Parts Type I + 4 Parts Soluble Silicate	20 Parts Type 1 + 4 Parts Latex
Barium	89,000	630	800	700	2,700	600	800
Chromium	72,000	130	10	10	10	20	20
Copper	128,000	50	110	30	120	110	150
Lead	160,000	100	<50	50	<50	<50	<50
Zinc	281,000	1,340	210	190	230	230	290
Vanadium	40,600	90	<200	<200	<200	<200	<200
Nickel	23,700	220	<30	<30	<30	50	40
Cadmium	1,500	20	<5	<5	<5	<5	<5
Selenium	N.D.	N.D.	3	3	4	4	3
Arsenic	N.D.	N.D.	9	8	9	9	8

* Analyses by Blue Marsh Laboratories.
** Analyses by Blue Marsh Laboratories.

TABLE 22
TCLP Metal Data for Sample B4D

Metal	Metal Concentration (ppb) in Sludge*	TCLP METAL CONCENTRATION (ppb)					
		Sludge**	20 Parts Type I	20 Parts Type I + 4 Parts Activated Carbon	20 Parts Type I + 4 Parts Silica Fume	20 Parts Type I + 4 Parts Soluble Silicate	20 Parts Type 1 + 4 Parts Latex
Barium	38,000	440	900	800	3,900	700	800
Chromium	99,000	350	30	40	40	40	30
Copper	73,000	N.D.	30	<20	30	30	20
Lead	89,000	100	<50	<50	<50	<50	<5
Zinc	170,000	4,920	280	230	310	280	290
Vanadium	16,200	N.D.	<200	<200	<200	<200	<200
Nickel	9,600	80	<30	<30	<30	<30	<3
Cadmium	700	30	<5	<5	<5	<5	<5
Selenium	N.D.	N.D.	<3	<3	<3	<3	<3
Arsenic	N.D.	N.D.	4	<3	3	4	3

* Analyses by Blue Marsh Laboratories.
** Analyses by Blue Marsh Laboratories.

TABLE 23
TCLP Metal Data for Sample D1S

Metal	Metal Concentration (ppb) in Sludge*	TCLP METAL CONCENTRATION (ppb)					
		Sludge**	20 Parts Type I	20 Parts Type I + 4 Parts Activated Carbon	20 Parts Type I + 4 Parts Silica Fume	20 Parts Type I + 4 Parts Soluble Silicate	20 Parts Type 1 + 4 Parts Latex
Barium	110,000	630	800	800	900	700	3,000
Chromium	248,000	490	20	<10	<10	<10	40
Copper	427,000	N.D.	<20	<20	<20	<20	20
Lead	214,000	N.D.	<50	<50	<50	50	<50
Zinc	660,000	350	30	20	200	180	90
Vanadium	32,100	N.D.	<200	<200	<200	<200	<200
Nickel	29,300	N.D.	50	<30	<30	<30	30
Cadmium	1,500	N.D.	<5	<5	<5	<5	<5
Selenium	N.D.	N.D.	<3	<3	<3	<3	<3
Arsenic	N.D.	N.D.	8	7	7	8	9

* Analyses by Blue Marsh Laboratories.
** Analyses by Blue Marsh Laboratories.

TABLE 24
Freeze-Thaw Test* Results for Samples B4D and F1S

Sample I.D.	Sample Composition	Sample Designation	Cycle No.	Maximum Volume Increase (%)	Weight Loss %
B4D	100 parts sludge 20 parts Type I cement	Control (#1)	--	1.8	--
		Test (#2)	12	--	4.0
B4D	100 parts sludge 20 parts Type I cement 2 parts silica fume	Control (#1)	--	1.2	--
		Test (#2)	12	--	2.9
B4D	100 parts sludge 20 parts Type I cement 2 parts activated carbon	Control (#1)	--	0.6	--
		Test (#2)	12	--	3.1
F1S	100 parts sludge 20 parts Type I cement	Control (#1)	--	12.5	--
		Test (#2)	11	--	30.4
		Test (#2)	12	--	100
F1S	100 parts sludge 20 parts Type I cement 2 parts silica fume	Control (#1)	--	10.4	--
		Test (#2)	12	--	23.5
F1S	100 parts sludge 20 parts Type I cement 2 parts activated carbon	Control (#1)	--	8.6	--
		Test (#2)	12	--	42.3

* ASTM D-560

TABLE 25
Properties of Progressively Dewatered F1S Sludge and Solidified Dewatered F1S Sludge
(20 Parts Type I cement per 100 Parts Sludge, w/w)

Sludge Moisture (%)	Sludge Density (lbs/gal)	Moisture of Sludge/Cement Admixture (%)	Density of Sludge/Cement Admixture (lbs/gal)	Admixture Texture	Moisture of Solidified Sludge (%)	Density of Solidified Sludge (lbs/gal)	7 Day Compressiv Strength (psi)
47.8	11.4	37.6	12.6	--	30.4	13.1	95.8
43.1	12.0	34.0	13.2	similar to sticky mortar; not soil like, not slurry like	26.7	13.3	185.9
37.7	12.5	30.6	14.0	sticky, easy to stir, drier than above	24.6	14.0	150.9
31.7	12.8	25.0	14.6	mixture is soil like; very easy to compact, will not slump under own weight	21.9	14.6	47.7
27.1	13.5	20.3	15.2	moist, soil like, very easy to compact	19.8	15.2	53.8
17.1	*12.8	12.6	*14.1	semi-dry, soil like, compacts well, but too little water to set up quickly	9.65	*14.1	49.3

* Data may not be reliable; values may be too low.

TABLE 26
Properties of Progressively Dewatered B4D Sludge and Solidified Dewatered B4D Sludge
(20 Parts Type I cement per 100 Parts Sludge, w/w)

Sludge Moisture (%)	Sludge Density (lbs/gal)	Moisture of Sludge/Cement Admixture (%)	Density of Sludge/Cement Admixture (lbs/gal)	Admixture Texture	Moisture of Solidified Sludge (%)	Density of Solidified Sludge (lbs/gal)	7 Day Compressiv Strength (psi)
31.6	13.6	25.2	14.9	--	19.4	14.8	388.0
25.9	14.5	21.0	15.5	mortar like, would not flow	15.8	15.5	523.9
21.8	15.2	16.0	16.2	moist to damp, granular soil like, compacts well	13.3	16.1	312.6
18.9	16.1	14.1	17.2	moist to semi-dry and granular; compacts very well	11.9	16.9	297.0
14.6	*15.6	11.1	*16.3	dry, granular soil like; compacts but with difficulty	9.96	*16.3	161.1
5.86	*13.8	4.51	*15.3	very dry, granular soil like; does not set up quickly; very hard to compact	3.75	*15.2	57.6

* Data may not be reliable; values may be too low.

TABLE 27
Properties of Progressively Dewatered E4S Sludge and Solidified Dewatered E4S Sludge
(20 Parts Type I cement per 100 Parts Sludge, w/w)

Sludge Moisture (%)	Sludge Density (lbs/gal)	Moisture of Sludge/Cement Admixture (%)	Density of Sludge/Cement Admixture (lbs/gal)	Admixture Texture	Moisture of Solidified Sludge (%)	Density of Solidified Sludge (lbs/gal)	7 Day Compressiv Strength (psi)
57.9	10.7	47.0	11.6	--	43.1	11.8	34.1
49.4	11.0	39.4	11.9	mixture was slurry like, very wet, flowed	37.7	11.9	50.9
44.0	11.4	37.0	12.2	mixture was very soft and wet, flowed slowly	33.6	12.1	72.9
40.3	11.7	32.3	12.6	mixture was wet, soft, and sticky; would not flow but was very plastic	31.2	12.6	81.2
37.2	12.0	30.0	13.0	mixture was still soft, wet, and sticky; would deform plastically	27.4	13.0	52.8
34.7	12.3	28.9	13.1	mixture was soft and wet to moist, mortar like	25.0	12.9	47.4
30.5	12.6	25.1	13.3	mixture was moist and soil like; compacted very easily	22.6	13.3	23.9
26.8	13.0	18.4	13.5	mixture was semi-dry and granular; compacted well	17.6	13.5	21.6

* Data may not be reliable: values may be too low.

TABLE 28
Properties of Progressively Dewatered D4S Sludge and Solidified Dewatered D4S Sludge
(20 Parts Type I cement per 100 Parts Sludge, w/w)

Sludge Moisture (%)	Sludge Density (lbs/gal)	Moisture of Sludge/Cement Admixture (%)	Density of Sludge/Cement Admixture (lbs/gal)	Admixture Texture	Moisture of Solidified Sludge (%)	Density of Solidified Sludge (lbs/gal)	7 Day Compressiv Strength (psi)
39.6	12.6	30.5	13.6	--	27.8	13.5	154.4
30.4	13.0	23.6	14.0	mixture was slurry like and pourable	22.8	13.9	218.0
27.1	13.5	20.5	14.7	wet and granular, was not pourable; little slump	18.4	14.7	219.6
20.1	14.4	14.6	15.2	mixture was semi-dry and granular; very easy to compact	14.8	15.2	84.0
16.4	14.9	13.6	15.7	mixture was semi-dry to dry and granular; difficult to compact	11.3	15.7	78.9
9.36	*13.8	8.98	*14.7	mixture was very dry and granular; hard to compact, did not set up quickly	5.92	*14.7	73.2

* Data may not be reliable; values may be too low.

TABLE 29
Properties of Progressively Dewatered B4S Sludge and Solidified Dewatered B4S Sludge
(20 Parts Type I cement per 100 Parts Sludge, w/w)

Sludge Moisture (%)	Sludge Density (lbs/gal)	Moisture of Sludge/Cement Admixture (%)	Density of Sludge/Cement Admixture (lbs/gal)	Admixture Texture	Moisture of Solidified Sludge (%)	Density of Solidified Sludge (lbs/gal)	7 Day Compressiv Strength (psi)
35.9	13.5	28.0	14.5	--	24.1	14.5	185.9
28.9	14.3	22.4	15.1	mixture was thick and moist; exhibited little slump; easily compacted, but some plasticity	19.7	15.0	446.6
24.9	15.0	18.4	15.6	semi-dry and granular; easily compacted, very workable	15.4	15.6	334.9
20.8	15.5	16.7	16.3	semi-dry to dry and granular; easy to compact	13.1	16.2	230.1
16.7	16.2	13.4	*15.8	mixture was dry and very soil like; difficult to compact; set up slowly	10.6	*15.8	195.1

* Data may not be reliable; values may be too low.

TABLE 30
Water Loss Relative to Cement/Sludge Mixture Properties

Sample	Original* Moisture (%), M_0	Moisture (%) at Estimated Point of Maximum Strength, M_1**	Moisture Loss $M_0 - M_1$	Moisture (%) of "Good Handling Characteristics", M_2**	Mois Los M_0 -
F1S	47.8	40.0	7.8	30.0	1
B4D	31.6	25.9	5.7	20.0	1
E4S	57.9	42.0	15.9	30.0	3
D4S	39.6	28.8	10.8	22.5	1
B4S	35.9	28.9	7.0	23.8	1

* Data from Tables 25 - 29.
** Figures estimated from Tables 25 - 29 and Figure 6.

APPENDIX 4.3

STORMWATER CALCULATIONS

Brown & Root, Inc. **CALCULATION COVER SHEET**

Calculation No. _____

Title EAST STORM WATER CONVEY. TRENCH

Project SUN OIL Co / MIDDLE CR. ABATE.

Job No. RC-0036

Purpose TO DESIGN STORMWATER CONVEY, TRENC
CAPACITY TO HANDLE 25 YR. STORM F
TO CHECK VELOCTIES IF COMPARABLE W
VELOCITIES USED FOR T_c COMPUTATION
(Used HEC-2 Water Surface Pr

Results

CAPACITY IS ADEQUATE & VEL
AVERAGES < 3 FPS. We used 3 F
∴ T_c > Used ∴ I < CALCULATED ∴ (

Resulting reports, letters or memoranda

APPEND.
4.5.1.2

REVISION	AUTHOR	CHECKED BY	APPROVED BY	DATE
	C. BELL			

```
T1        MIDDLE CREEK ABATEMENT
T2        STORM DITCH
T3        STATION 1800    TO      END
J1   -10       2                       0                0              3.5
J2    -1                0                               -1
NC  0.08    0.08   0.013     0.2     0.4
QT     1     120
X13531.0       4       0      25       0       0       0
GR  7.03       0   -2.97    0.01   -2.97   24.99    7.03      25
X13512.6   10.00    0.00   23.70   18.44   18.44   18.44
GR7.1071    0.00    5.11    0.01    5.11    3.50    5.61    3.51    5.61    5.71
GR-0.392    5.72   -0.39    7.70   -2.89    7.71   -2.89   23.69    7.11   23.70
X13512.5   10.00    0.00   23.70    0.04    0.04    0.04
GR7.1072    0.00    5.11    0.01    5.11    3.50    5.61    3.51    5.61    5.71
GR-0.392    5.72   -0.39    7.70   -2.89    7.71   -2.89   23.69    7.11   23.70
X13512.5    6.00    0.00   23.70    0.04    0.04    0.04
GR7.1073    0.00    5.11    0.01    5.11    3.50   -2.89    3.51   -2.89   23.70
GR7.1073   23.70
X13500.0    6.00    0.00   21.40   12.49   12.49   12.49
GR7.1498    0.00    4.65    0.01    4.65    3.20   -2.85    3.21   -2.85   21.40
GR7.1498   21.40
X1  3500   10.00    0.00   21.40    0.04    0.04    0.04
GR  7.15    0.00    4.65    0.01    4.65    3.20    5.15    3.21    5.15    5.41
GR -0.35    5.42   -0.35    7.20   -2.85    7.21   -2.85   21.39    7.15   21.40
X13499.9    6.00    0.00   21.40    0.04    0.04    0.04
GR7.1501    0.00    4.65    0.01    4.65    3.20   -2.85    3.21   -2.85   21.40
GR7.1501   21.40
X13487.6    6.00    0.00   19.10   12.36   12.36   12.36
GR7.1921    0.00    4.69    0.01    4.69    3.20   -2.81    3.21   -2.81   19.10
GR7.1921   19.10
X13487.5   10.00    0.00   19.10    0.04    0.04    0.04
GR7.1922    0.00    4.69    0.01    4.69    3.20    5.19    3.21    5.19    5.41
GR-0.307    5.42   -0.31    7.20   -2.81    7.21   -2.81   19.09    7.19   19.10
X13487.5    6.00    0.00   19.10    0.04    0.04    0.04
GR7.1924    0.00    4.69    0.01    4.69    3.20   -2.81    3.21   -2.81   19.10
GR7.1924   19.10
X13477.6    6.00    0.00   17.20    9.92    9.92    9.92
GR7.2261    0.00    4.73    0.01    4.73    3.20   -2.77    3.21   -2.77   17.20
GR7.2261   17.20
X13477.5   10.00    0.00   17.20    0.04    0.04    0.04
GR7.2262    0.00    4.73    0.01    4.73    3.20    5.23    3.21    5.23    5.41
GR-0.273    5.42   -0.27    7.20   -2.77    7.21   -2.77   17.19    7.23   17.20
X13477.5    6.00    0.00   17.20    0.04    0.04    0.04
GR7.2264    0.00    4.73    0.01    4.73    3.20   -2.77    3.21   -2.77   17.20
GR7.2264   17.20
X13438.6    6.00    0.00   12.00   38.91   38.91   38.91
GR7.3587    0.00    4.86    0.01    4.86    3.20   -2.64    3.21   -2.64   12.00
GR7.3587   12.00
X13438.5   10.00    0.00   12.00    0.04    0.04    0.04
GR7.3588    0.00    4.86    0.01    4.86    3.20    5.36    3.21    5.36    5.41
GR-0.141    5.42   -0.14    7.20   -2.64    7.21   -2.64   11.99    7.36   12.00
X13438.5    6.00    0.00   12.00    0.04    0.04    0.04
GR7.3589    0.00    4.86    0.01    4.86    3.20   -2.64    3.21   -2.64   12.00
GR7.3589   12.00
QT     1     79
X13398.6    6.00    0.00   12.00   39.92   39.92   39.92
GR7.4947    0.00    4.99    0.01    4.99    3.20   -2.51    3.21   -2.51   12.00
GR7.4947   12.00
X13398.5   10.00    0.00   12.00    0.04    0.04    0.04
GR7.4948    0.00    4.99    0.01    4.99    3.20    5.49    3.21    5.49    5.41
GR-0.005    5.42   -0.01    7.20   -2.51    7.21   -2.51   11.99    7.49   12.00
X13398.5    6.00    0.00   12.00    0.04    0.04    0.04
GR7.4949    0.00    4.99    0.01    4.99    3.20   -2.51    3.21   -2.51   12.00
GR7.4949   12.00
X13359.6    6.00    0.00   12.00   38.93   38.93   38.93
GR7.6273    0.00    4.63    0.01    4.63    2.80   -2.37    2.81   -2.37   12.00
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GR7.6273	12.00								
X13359.5	10.00	0.00	12.00	0.04	0.04	0.04			
GR7.6274	0.00	4.63	0.01	4.63	2.80	5.13	2.81	5.13	5.01
GR0.1274	5.02	0.13	6.60	-2.37	6.61	-2.37	11.99	7.63	12.00
X13359.5	6.00	0.00	12.00	0.04	0.04	0.04			
GR7.6276	0.00	4.63	0.01	4.63	2.80	-2.37	2.81	-2.37	12.00
GR7.6276	12.00								
X13318.6	6.00	0.00	12.00	40.92	40.92	40.92			
GR7.7667	0.00	4.77	0.01	4.77	2.80	-2.23	2.81	-2.23	12.00
GR7.7667	12.00								
X13318.5	10.00	0.00	12.00	0.04	0.04	0.04			
GR7.7668	0.00	4.77	0.01	4.77	2.80	5.27	2.81	5.27	5.01
GR0.2668	5.02	0.27	6.60	-2.23	6.61	-2.23	11.99	7.77	12.00
X13318.5	6.00	0.00	12.00	0.04	0.04	0.04			
GR7.7670	0.00	4.77	0.01	4.77	2.80	-2.23	2.81	-2.23	12.00
GR7.7670	12.00								
X13283.6	6.00	0.00	12.00	34.92	34.92	34.92			
GR7.8857	0.00	4.89	0.01	4.89	2.80	-2.11	2.81	-2.11	12.00
GR7.8857	12.00								
X13283.5	10.00	0.00	12.00	0.04	0.04	0.04			
GR7.8858	0.00	4.89	0.01	4.89	2.80	5.39	2.81	5.39	5.01
GR0.3858	5.02	0.39	6.60	-2.11	6.61	-2.11	11.99	7.89	12.00
X13283.5	6.00	0.00	12.00	0.04	0.04	0.04			
GR7.8860	0.00	4.89	0.01	4.89	2.80	-2.11	2.81	-2.11	12.00
GR7.8860	12.00								
X13273.6	6.00	0.00	12.00	9.92	9.92	9.92			
GR7.9197	0.00	4.92	0.01	4.92	2.80	-2.08	2.81	-2.08	12.00
GR7.9197	12.00								
X13273.5	10.00	0.00	12.00	0.04	0.04	0.04			
GR7.9198	0.00	4.92	0.01	4.92	2.80	5.42	2.81	5.42	5.01
GR0.4198	5.02	0.42	6.60	-2.08	6.61	-2.08	11.99	7.92	12.00
X13273.5	6.00	0.00	12.00	0.04	0.04	0.04			
GR7.9200	0.00	4.92	0.01	4.92	2.80	-2.08	2.81	-2.08	12.00
GR7.9200	12.00								
X13238.6	6.00	0.00	12.00	34.92	34.92	34.92			
GR8.0387	0.00	5.04	0.01	5.04	2.80	-1.96	2.81	-1.96	12.00
GR8.0387	12.00								
X13238.5	10.00	0.00	12.00	0.04	0.04	0.04			
GR8.0388	0.00	5.04	0.01	5.04	2.80	5.54	2.81	5.54	5.01
GR0.5388	5.02	0.54	6.60	-1.96	6.61	-1.96	11.99	8.04	12.00
X13238.5	6.00	0.00	12.00	0.04	0.04	0.04			
GR8.0390	0.00	5.04	0.01	5.04	2.80	-1.96	2.81	-1.96	12.00
GR8.0390	12.00								
X13198.6	6.00	0.00	12.00	39.92	39.92	39.92			
GR8.1747	0.00	5.17	0.01	5.17	2.80	-1.83	2.81	-1.83	12.00
GR8.1747	12.00								
X13198.5	10.00	0.00	12.00	0.04	0.04	0.04			
GR8.1748	0.00	5.17	0.01	5.17	2.80	5.67	2.81	5.67	5.01
GR0.6748	5.02	0.67	6.60	-1.83	6.61	-1.83	11.99	8.17	12.00
X13198.5	6.00	0.00	12.00	0.04	0.04	0.04			
GR8.1750	0.00	5.18	0.01	5.18	2.80	-1.82	2.81	-1.82	12.00
GR8.1750	12.00								
X13159.1	6.00	0.00	12.00	39.42	39.42	39.42			
GR8.3090	0.00	5.31	0.01	5.31	2.80	-1.69	2.81	-1.69	12.00
GR8.3090	12.00								
X13159.0	10.00	0.00	12.00	0.04	0.04	0.04			
GR8.3091	0.00	5.31	0.01	5.31	2.80	5.81	2.81	5.81	5.01
GR0.8091	5.02	0.81	6.60	-1.69	6.61	-1.69	11.99	8.31	12.00
X1315									

5.0	0.00	0.00	12.00	0.04	0.04	0.04			
GR8.3093	0.00	5.31	0.01	5.31	2.80	-1.69	2.81	-1.69	12.00
GR8.3093	12.00								
X13134.7	6.00	0.00	12.00	24.25	24.25	24.25			
GR8.3917	0.00	5.39	0.01	5.39	2.80	-1.61	2.81	-1.61	12.00
GR8.3917	12.00								
X13134.7	10.00	0.00	12.00	0.04	0.04	0.04			
GR8.3919	0.00	5.39	0.01	5.39	2.80	5.89	2.81	5.89	5.01
GR0.8919	5.02	0.89	6.60	-1.61	6.61	-1.61	11.99	8.39	12.00
X13134.6	6.00	0.00	12.00	0.04	0.04	0.04			
GR8.3920	0.00	5.39	0.01	5.39	2.80	-1.61	2.81	-1.61	12.00
GR8.3920	12.00								
X13113.8	6.00	0.00	12.00	20.80	20.80	20.80			
GR8.4627	0.00	5.46	0.01	5.46	2.80	-1.54	2.81	-1.54	12.00
GR8.4627	12.00								
X13113.8	10.00	0.00	12.00	0.04	0.04	0.04			
GR8.4629	0.00	5.46	0.01	5.46	2.80	5.96	2.81	5.96	5.01
GR0.9629	5.02	0.96	6.60	-1.54	6.61	-1.54	11.99	8.46	12.00
X13113.8	6.00	0.00	12.00	0.04	0.04	0.04			
GR8.4630	0.00	5.46	0.01	5.46	2.80	-1.54	2.81	-1.54	12.00
GR8.4630	12.00								
X13074.3	6.00	0.00	12.00	39.44	39.44	39.44			
GR8.5971	0.00	5.60	0.01	5.60	2.80	-1.40	2.81	-1.40	12.00
GR8.5971	12.00								
X13074.3	10.00	0.00	12.00	0.04	0.04	0.04			
GR8.5972	0.00	5.60	0.01	5.60	2.80	6.10	2.81	6.10	5.01
GR1.0972	5.02	1.10	6.60	-1.40	6.61	-1.40	11.99	8.60	12.00
X13074.2	6.00	0.00	12.00	0.04	0.04	0.04			
GR8.5974	0.00	5.60	0.01	5.60	2.80	-1.40	2.81	-1.40	12.00
GR8.5974	12.00								
X13050.0	6.00	0.00	12.00	24.24	24.24	24.24			
GR8.6798	0.00	5.68	0.01	5.68	2.80	-1.32	2.81	-1.32	12.00
GR8.6798	12.00								
X13050.0	10.00	0.00	12.00	0.04	0.04	0.04			
GR8.6799	0.00	5.68	0.01	5.68	2.80	6.18	2.81	6.18	5.01
GR1.1799	5.02	1.18	6.60	-1.32	6.61	-1.32	11.99	8.68	12.00
X13049.9	6.00	0.00	12.00	0.04	0.04	0.04			
GR8.6801	0.00	5.68	0.01	5.68	2.80	-1.32	2.81	-1.32	12.00
GR8.6801	12.00								
X13021.9	6.00	0.00	12.00	28.01	28.01	28.01			
GR8.7753	0.00	5.78	0.01	5.78	2.80	-1.22	2.81	-1.22	12.00
GR8.7753	12.00								
X13021.9	10.00	0.00	12.00	0.04	0.04	0.04			
GR8.7754	0.00	5.78	0.01	5.78	2.80	6.28	2.81	6.28	5.01
GR1.2754	5.02	1.28	6.60	-1.22	6.61	-1.22	11.99	8.78	12.00
X13021.8	6.00	0.00	12.00	0.04	0.04	0.04			
GR8.7756	0.00	5.78	0.01	5.78	2.80	-1.22	2.81	-1.22	12.00
GR8.7756	12.00								
X12981.9	6.00	0.00	12.00	39.92	39.92	39.92			
GR8.9113	0.00	5.91	0.01	5.91	2.80	-1.09	2.81	-1.09	12.00
GR8.9113	12.00								
X12981.9	10.00	0.00	12.00	0.04	0.04	0.04			
GR8.9114	0.00	5.91	0.01	5.91	2.80	6.41	2.81	6.41	5.01
GR1.4114	5.02	1.41	6.60	-1.09	6.61	-1.09	11.99	8.91	12.00
X12981.8	6.00	0.00	12.00	0.04	0.04	0.04			
GR8.9116	0.00	5.91	0.01	5.91	2.80	-1.09	2.81	-1.09	12.00
GR8.9116	12.00								
QT 1	73								
X12941.9	6.00	0.00	12.00	39.92	39.92	39.92			
GR9.0473	0.00	6.05	0.01	6.05	2.80	-0.95	2.81	-0.95	12.00
GR9.0473	12.00								
X12941.9	10.00	0.00	12.00	0.04	0.04	0.04			
GR9.0474	0.00	6.05	0.01	6.05	2.80	6.55	2.81	6.55	5.01
GR1.5474	5.02	1.55	6.60	-0.95	6.61	-0.95	11.99	9.05	12.00
X12941.8	6.00	0.00	12.00	0.04	0.04	0.04			
GR9.0476	0.00	6.05	0.01	6.05	2.80	-0.95	2.81	-0.95	12.00

GR9.0470	12.00								
X12901.9	6.00	0.00	12.00	39.92	39.92	39.92			
GR9.1833	0.00	6.18	0.01	6.18	2.80	-0.82	2.81	-0.82	12.00
GR9.1833	12.00								
X12901.9	10.00	0.00	12.00	0.04	0.04	0.04			
GR9.1834	0.00	6.18	0.01	6.18	2.80	6.68	2.81	6.68	5.01
GR1.6834	5.02	1.68	6.60	-0.82	6.61	-0.82	11.99	9.18	12.00
X12901.8	6.00	0.00	12.00	0.04	0.04	0.04			
GR9.1836	0.00	6.18	0.01	6.18	2.80	-0.82	2.81	-0.82	12.00
GR9.1836	12.00								
X12861.9	6.00	0.00	12.00	39.92	39.92	39.92			
GR9.3193	0.00	6.32	0.01	6.32	2.80	-0.68	2.81	-0.68	12.00
GR9.3193	12.00								
X12861.9	10.00	0.00	12.00	0.04	0.04	0.04			
GR9.3194	0.00	6.32	0.01	6.32	2.80	6.82	2.81	6.82	5.01
GR1.8194	5.02	1.82	6.60	-0.68	6.61	-0.68	11.99	9.32	12.00
X12861.8	6.00	0.00	12.00	0.04	0.04	0.04			
GR9.3196	0.00	6.32	0.01	6.32	2.80	-0.68	2.81	-0.68	12.00
GR9.3196	12.00								
X12861.9	6.00	0.00	12.00	-0.08	-0.08	-0.08			
GR9.3193	0.00	6.32	0.01	6.32	2.80	-0.68	2.81	-0.68	12.00
GR9.3193	12.00								
X12861.9	10.00	0.00	12.00	0.04	0.04	0.04			
GR9.3194	0.00	6.32	0.01	6.32	2.80	6.82	2.81	6.82	5.01
GR1.8194	5.02	1.82	6.60	-0.68	6.61	-0.68	11.99	9.32	12.00
X12861.8	6.00	0.00	12.00	0.04	0.04	0.04			
GR9.3196	0.00	6.32	0.01	6.32	2.80	-0.68	2.81	-0.68	12.00
GR9.3196	12.00								
X12832.5	6.00	0.00	12.00	29.30	29.30	29.30			
GR9.4192	0.00	6.42	0.01	6.42	2.80	-0.58	2.81	-0.58	12.00
GR9.4192	12.00								
X12832.5	10.00	0.00	12.00	0.04	0.04	0.04			
GR9.4193	0.00	6.42	0.01	6.42	2.80	6.92	2.81	6.92	5.01
GR1.9193	5.02	1.92	6.60	-0.58	6.61	-0.58	11.99	9.42	12.00
X12832.5	6.00	0.00	12.00	0.04	0.04	0.04			
GR9.4195	0.00	6.42	0.01	6.42	2.80	-0.58	2.81	-0.58	12.00
GR9.4195	12.00								
X12805.1	6.00	0.00	12.00	27.38	27.38	27.38			
GR9.5125	0.00	6.51	0.01	6.51	2.80	-0.49	2.81	-0.49	12.00
GR9.5125	12.00								
X12805.0	10.00	0.00	12.00	0.04	0.04	0.04			
GR9.5127	0.00	6.51	0.01	6.51	2.80	7.01	2.81	7.01	5.01
GR2.0127	5.02	2.01	6.60	-0.49	6.61	-0.49	11.99	9.51	12.00
X12805.0	6.00	0.00	12.00	0.04	0.04	0.04			
GR9.5128	0.00	6.51	0.01	6.51	2.80	-0.49	2.81	-0.49	12.00
GR9.5128	12.00								
X12770.9	6.00	0.00	12.00	34.11	34.11	34.11			
GR9.6288	0.00	6.63	0.01	6.63	2.80	-0.37	2.81	-0.37	12.00
GR9.6288	12.00								
X12770.8	10.00	0.00	12.00	0.04	0.04	0.04			
GR9.6289	0.00	6.63	0.01	6.63	2.80	7.13	2.81	7.13	5.01
GR2.1289	5.02	2.13	6.60	-0.37	6.61	-0.37	11.99	9.63	12.00
X12770.8	6.00	0.00	12.00	0.04	0.04	0.04			
GR9.6291	0.00	6.63	0.01	6.63	2.80	-0.37	2.81	-0.37	12.00
GR9.6291	12.00								
X12739.4	6.00	0.00	12.00	31.42	31.42	31.42			
GR9.7359	0.00	6.74	0.01	6.74	2.80	-0.26	2.81	-0.26	12.00
GR9.7359	12.00								
X12739.3	10.00	0.00	12.00	0.04	0.04	0.04			
GR9.7360	0.00	6.74	0.01	6.74	2.80	7.24	2.81	7.24	5.01
GR2.2360	5.02	2.24	6.60	-0.26	6.61	-0.26	11.99	9.74	12.00
X12739.3	6.00	0.00	12.00	0.04	0.04	0.04			
GR9.7362	0.00	6.74	0.01	6.74	2.80	-0.26	2.81	-0.26	12.00
GR9.7362	12.00								
X12731.4	6.00	0.00	12.00	7.92	7.92	7.92			
GR9.7631	0.00	6.76	0.01	6.76	2.80	-0.24	2.81	-0.24	12.00

X12731.3	10.00	0.00	12.00	0.04	0.04	0.04			
GR9.7632	0.00	6.76	0.01	6.76	2.80	7.26	2.81	7.26	5.01
GR2.2632	5.02	2.26	6.60	-0.24	6.61	-0.24	11.99	9.76	12.00
X12731.3	6.00	0.00	12.00	0.04	0.04	0.04			
GR9.7634	0.00	6.76	0.01	6.76	2.80	-0.24	2.81	-0.24	12.00
GR9.7634	12.00								
X12692.0	6.00	0.00	12.00	39.29	39.29	39.29			
GR9.8969	0.00	6.90	0.01	6.90	2.80	-0.10	2.81	-0.10	12.00
GR9.8969	12.00								
X12692.0	10.00	0.00	12.00	0.04	0.04	0.04			
GR9.8971	0.00	6.90	0.01	6.90	2.80	7.40	2.81	7.40	5.01
GR2.3971	5.02	2.40	6.60	-0.10	6.61	-0.10	11.99	9.90	12.00
X12691.9	6.00	0.00	12.00	0.04	0.04	0.04			
GR9.8972	0.00	6.90	0.01	6.90	2.80	-0.10	2.81	-0.10	12.00
GR9.8972	12.00								
X12661.8	6.00	0.00	12.00	30.10	30.10	30.10			
GR9.9996	0.00	7.00	0.01	7.00	2.80	0.00	2.81	0.00	12.00
GR9.9996	12.00								
X12661.8	10.00	0.00	12.00	0.04	0.04	0.04			
GR9.9997	0.00	7.00	0.01	7.00	2.80	7.50	2.81	7.50	5.01
GR2.4997	5.02	2.50	6.60	0.00	6.61	0.00	11.99	10.00	12.00
X12661.8	6.00	0.00	12.00	0.04	0.04	0.04			
GR9.9998	0.00	7.00	0.01	7.00	2.80	0.00	2.81	0.00	12.00
GR9.9998	12.00								
X12631.7	6.00	0.00	12.00	30.10	30.10	30.10			
GR10.102	0.00	7.10	0.01	7.10	2.80	0.10	2.81	0.10	12.00
GR10.102	12.00								
X12631.6	10.00	0.00	12.00	0.04	0.04	0.04			
GR10.102	0.00	7.10	0.01	7.10	2.80	7.60	2.81	7.60	5.01
GR2.6023	5.02	2.60	6.60	0.10	6.61	0.10	11.99	10.10	12.00
X12631.6	6.00	0.00	12.00	0.04	0.04	0.04			
GR10.102	0.00	7.10	0.01	7.10	2.80	0.10	2.81	0.10	12.00
GR10.102	12.00								
X12603.9	6.00	0.00	12.00	27.64	27.64	27.64			
GR10.196	0.00	7.20	0.01	7.20	2.80	0.20	2.81	0.20	12.00
GR10.196	12.00								
X12603.9	10.00	0.00	12.00	0.04	0.04	0.04			
GR10.196	0.00	7.20	0.01	7.20	2.80	7.70	2.81	7.70	5.01
GR2.6966	5.02	2.70	6.60	0.20	6.61	0.20	11.99	10.20	12.00
X12603.9	6.00	0.00	12.00	0.04	0.04	0.04			
GR10.196	0.00	7.20	0.01	7.20	2.80	0.20	2.81	0.20	12.00
GR10.196	12.00								
X12574.0	6.00	0.00	12.00	29.81	29.81	29.81			
GR10.298	0.00	7.30	0.01	7.30	2.80	0.30	2.81	0.30	12.00
GR10.298	12.00								
X12574.0	10.00	0.00	12.00	0.04	0.04	0.04			
GR10.298	0.00	7.30	0.01	7.30	2.80	7.80	2.81	7.80	5.01
GR2.7982	5.02	2.80	6.60	0.30	6.61	0.30	11.99	10.30	12.00
X12574.0	6.00	0.00	12.00	0.04	0.04	0.04			
GR10.298	0.00	7.30	0.01	7.30	2.80	0.30	2.81	0.30	12.00
GR10.298	12.00								
X12544.1	6.00	0.00	12.00	29.82	29.82	29.82			
GR10.399	0.00	7.40	0.01	7.40	2.80	0.40	2.81	0.40	12.00
GR10.399	12.00								
X12544.1	10.00	0.00	12.00	0.04	0.04	0.04			
GR10.399	0.00	7.40	0.01	7.40	2.80	7.90	2.81	7.90	5.01
GR2.8998	5.02	2.90	6.60	0.40	6.61	0.40	11.99	10.40	12.00
X12544.1	6.00	0.00	12.00	0.04	0.04	0.04			
GR10.400	0.00	7.40	0.01	7.40	2.80	0.40	2.81	0.40	12.00
GR10.400	12.00								
X12506.6	6.00	0.00	12.00	37.43	37.43	37.43			
GR10.527	0.00	7.53	0.01	7.53	2.80	0.53	2.81	0.53	12.00
GR10.527	12.00								
X12506.6	10.00	0.00	12.00	0.04	0.04	0.04			
GR10.527	0.00	7.53	0.01	7.53	2.80	8.03	2.81	8.03	5.01

GR3.6274	5.02	3.03	6.60	0.53	6.61	0.53	11.99	10.53	12.00
X12506.6	6.00	0.00	12.00	0.04	0.04	0.04			
GR10.527	0.00	7.53	0.01	7.53	2.80	0.53	2.81	0.53	12.00
GR10.527	12.00								
QT 1	45								
X12466.6	6.00	0.00	12.00	39.92	39.92	39.92			
GR10.663	0.00	7.66	0.01	7.66	2.80	0.66	2.81	0.66	12.00
GR10.663	12.00								
X12466.6	10.00	0.00	12.00	0.04	0.04	0.04			
GR10.663	0.00	7.66	0.01	7.66	2.80	8.16	2.81	8.16	5.01
GR3.1634	5.02	3.16	6.60	0.66	6.61	0.66	11.99	10.66	12.00
X12466.6	6.00	0.00	12.00	0.04	0.04	0.04			
GR10.663	0.00	7.66	0.01	7.66	2.80	0.66	2.81	0.66	12.00
GR10.663	12.00								
X12426.8	6.00	0.00	10.00	39.76	39.76	39.76			
GR10.798	0.00	7.80	0.01	7.80	2.80	0.80	2.81	0.80	10.00
GR10.798	10.00								
X12426.8	10.00	0.00	10.00	0.04	0.04	0.04			
GR10.798	0.00	7.80	0.01	7.80	2.80	8.30	2.81	8.30	5.01
GR3.2988	5.02	3.30	6.60	0.80	6.61	0.80	9.99	10.80	10.00
X12426.7	6.00	0.00	10.00	0.04	0.04	0.04			
GR10.799	0.00	7.80	0.01	7.80	2.80	0.80	2.81	0.80	10.00
GR10.799	10.00								
X12386.6	6.00	0.00	10.00	40.07	40.07	40.07			
GR10.935	0.00	7.94	0.01	7.94	2.80	0.94	2.81	0.94	10.00
GR10.935	10.00								
X12386.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR10.935	0.00	7.94	0.01	7.94	2.80	8.44	2.81	8.44	5.01
GR3.4353	5.02	3.44	6.60	0.94	6.61	0.94	9.99	10.94	10.00
X12386.6	6.00	0.00	10.00	0.04	0.04	0.04			
GR10.935	0.00	7.94	0.01	7.94	2.80	0.94	2.81	0.94	10.00
GR10.935	10.00								
X12346.6	6.00	0.00	10.00	39.92	39.92	39.92			
GR11.071	0.00	7.57	0.01	7.57	2.50	1.07	2.51	1.07	10.00
GR11.071	10.00								
X12346.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR11.071	0.00	7.57	0.01	7.57	2.50	8.07	2.51	8.07	4.71
GR3.5713	4.72	3.57	6.10	1.07	6.11	1.07	9.99	11.07	10.00
X12346.6	6.00	0.00	10.00	0.04	0.04	0.04			
GR11.071	0.00	7.57	0.01	7.57	2.50	1.07	2.51	1.07	10.00
GR11.071	10.00								
X12306.6	6.00	0.00	10.00	39.92	39.92	39.92			
GR11.207	0.00	7.71	0.01	7.71	2.50	1.21	2.51	1.21	10.00
GR11.207	10.00								
X12306.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR11.207	0.00	7.71	0.01	7.71	2.50	8.21	2.51	8.21	4.71
GR3.7073	4.72	3.71	6.10	1.21	6.11	1.21	9.99	11.21	10.00
X12306.6	6.00	0.00	10.00	0.04	0.04	0.04			
GR11.207	0.00	7.71	0.01	7.71	2.50	1.21	2.51	1.21	10.00
GR11.207	10.00								
X12266.6	6.00	0.00	10.00	39.92	39.92	39.92			
GR11.343	0.00	7.84	0.01	7.84	2.50	1.34	2.51	1.34	10.00
GR11.343	10.00								
X12266.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR11.343	0.00	7.84	0.01	7.84	2.50	8.34	2.51	8.34	4.71
GR3.8433	4.72	3.84	6.10	1.34	6.11	1.34	9.99	11.34	10.00
X12266.6	6.00	0.00	10.00	0.04	0.04	0.04			
GR11.343	0.00	7.84	0.01	7.84	2.50	1.34	2.51	1.34	10.00
GR11.343	10.00								
X12226.6	6.00	0.00	10.00	39.92	39.92	39.92			
GR11.479	0.00	7.98	0.01	7.98	2.50	1.48	2.51	1.48	10.00
GR11.479	10.00								
X12226.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR11.479	0.00	7.98	0.01	7.98	2.50	8.48	2.51	8.48	4.71
GR3.9793	4.72	3.98	6.10	1.48	6.11	1.48	9.99	11.48	10.00
X12226.6	6.00	0.00	10.00	0.04	0.04	0.04			

[illegible]	[illegible]	7.98	0.01	7.98	2.50	1.48	2.51	1.48	10.00
GR11.479	10.00								
X12186.4	6.00	0.00	10.00	40.17	40.17	40.17			
GR11.616	0.00	8.12	0.01	8.12	2.50	1.62	2.51	1.62	10.00
GR11.616	10.00								
X12186.4	10.00	0.00	10.00	0.04	0.04	0.04			
GR11.616	0.00	8.12	0.01	8.12	2.50	8.62	2.51	8.62	4.71
GR4.1162	4.72	4.12	6.10	1.62	6.11	1.62	9.99	11.62	10.00
X12186.3	6.00	0.00	10.00	0.04	0.04	0.04			
GR11.616	0.00	8.12	0.01	8.12	2.50	1.62	2.51	1.62	10.00
GR11.616	10.00								
X12154.6	6.00	0.00	10.00	31.67	31.67	31.67			
GR11.724	0.00	8.22	0.01	8.22	2.50	1.72	2.51	1.72	10.00
GR11.724	10.00								
X12154.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR11.724	0.00	8.22	0.01	8.22	2.50	8.72	2.51	8.72	4.71
GR4.2241	4.72	4.22	6.10	1.72	6.11	1.72	9.99	11.72	10.00
X12154.6	6.00	0.00	10.00	0.04	0.04	0.04			
GR11.724	0.00	8.22	0.01	8.22	2.50	1.72	2.51	1.72	10.00
GR11.724	10.00								
X12146.6	6.00	0.00	10.00	7.92	7.92	7.92			
GR11.751	0.00	8.25	0.01	8.25	2.50	1.75	2.51	1.75	10.00
GR11.751	10.00								
X12146.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR11.751	0.00	8.25	0.01	8.25	2.50	8.75	2.51	8.75	4.71
GR4.2513	4.72	4.25	6.10	1.75	6.11	1.75	9.99	11.75	10.00
X12146.6	6.00	0.00	10.00	0.04	0.04	0.04			
GR11.751	0.00	8.25	0.01	8.25	2.50	1.75	2.51	1.75	10.00
GR11.751	10.00								
X12107.2	6.00	0.00	10.00	39.41	39.41	39.41			
GR11.885	0.00	8.39	0.01	8.39	2.50	1.89	2.51	1.89	10.00
GR11.885	10.00								
X12107.1	10.00	0.00	10.00	0.04	0.04	0.04			
GR11.885	0.00	8.39	0.01	8.39	2.50	8.89	2.51	8.89	4.71
GR4.3856	4.72	4.39	6.10	1.89	6.11	1.89	9.99	11.89	10.00
X12107.1	6.00	0.00	10.00	0.04	0.04	0.04			
GR11.885	0.00	8.39	0.01	8.39	2.50	1.89	2.51	1.89	10.00
GR11.885	10.00								
X12078.4	6.00	0.00	10.00	28.66	28.66	28.66			
GR11.983	0.00	8.48	0.01	8.48	2.50	1.98	2.51	1.98	10.00
GR11.983	10.00								
X12078.4	10.00	0.00	10.00	0.04	0.04	0.04			
GR11.983	0.00	8.48	0.01	8.48	2.50	8.98	2.51	8.98	4.71
GR4.4833	4.72	4.48	6.10	1.98	6.11	1.98	9.99	11.98	10.00
X12078.3	6.00	0.00	10.00	0.04	0.04	0.04			
GR11.983	0.00	8.48	0.01	8.48	2.50	1.98	2.51	1.98	10.00
GR11.983	10.00								
X12049.7	6.00	0.00	10.00	28.67	28.67	28.67			
GR12.080	0.00	8.58	0.01	8.58	2.50	2.08	2.51	2.08	10.00
GR12.080	10.00								
X12049.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR12.081	0.00	8.58	0.01	8.58	2.50	9.08	2.51	9.08	4.71
GR4.5811	4.72	4.58	6.10	2.08	6.11	2.08	9.99	12.08	10.00
X12049.6	6.00	0.00	10.00	0.04	0.04	0.04			
GR12.081	0.00	8.58	0.01	8.58	2.50	2.08	2.51	2.08	10.00
GR12.081	10.00								
X12014.8	6.00	0.00	10.00	34.82	34.82	34.82			
GR12.199	0.00	8.70	0.01	8.70	2.50	2.20	2.51	2.20	10.00
GR12.199	10.00								
X12014.7	10.00	0.00	10.00	0.04	0.04	0.04			
GR12.199	0.00	8.70	0.01	8.70	2.50	9.20	2.51	9.20	4.71
GR4.6997	4.72	4.70	6.10	2.20	6.11	2.20	9.99	12.20	10.00
X12014.7	6.00	0.00	10.00	0.04	0.04	0.04			
GR12.199	0.00	8.70	0.01	8.70	2.50	2.20	2.51	2.20	10.00
GR12.199	10.00								
X11974.8	6.00	0.00	10.00	39.92	39.92	39.92			

[illegible]	0.00	8.84	0.01	8.84	2.50	2.34	2.51	2.34	10.00
GR12.335	10.00								
X11974.7	10.00	0.00	10.00	0.04	0.04	0.04			
GR12.335	0.00	8.84	0.01	8.84	2.50	9.34	2.51	9.34	4.71
GR4.8357	4.72	4.84	6.10	2.34	6.11	2.34	9.99	12.34	10.00
X11974.7	6.00	0.00	10.00	0.04	0.04	0.04			
GR12.335	0.00	8.84	0.01	8.84	2.50	2.34	2.51	2.34	10.00
GR12.335	10.00								
X11935.3	6.00	0.00	10.00	39.41	39.41	39.41			
GR12.469	0.00	8.97	0.01	8.97	2.50	2.47	2.51	2.47	10.00
GR12.469	10.00								
X11935.2	10.00	0.00	10.00	0.04	0.04	0.04			
GR12.470	0.00	8.97	0.01	8.97	2.50	9.47	2.51	9.47	4.71
GR4.9700	4.72	4.97	6.10	2.47	6.11	2.47	9.99	12.47	10.00
X11935.2	6.00	0.00	10.00	0.04	0.04	0.04			
GR12.470	0.00	8.97	0.01	8.97	2.50	2.47	2.51	2.47	10.00
GR12.470	10.00								
X11918.1	6.00	0.00	10.00	17.12	17.12	17.12			
GR12.528	0.00	9.03	0.01	9.03	2.50	2.53	2.51	2.53	10.00
GR12.528	10.00								
X11918.0	10.00	0.00	10.00	0.04	0.04	0.04			
GR12.528	0.00	9.03	0.01	9.03	2.50	9.53	2.51	9.53	4.71
GR5.0285	4.72	5.03	6.10	2.53	6.11	2.53	9.99	12.53	10.00
X11918.0	6.00	0.00	10.00	0.04	0.04	0.04			
GR12.528	0.00	9.03	0.01	9.03	2.50	2.53	2.51	2.53	10.00
GR12.528	10.00								
X11900.9	6.00	0.00	10.00	17.11	17.11	17.11			
GR12.586	0.00	9.09	0.01	9.09	2.50	2.59	2.51	2.59	10.00
GR12.586	10.00								
X11900.8	10.00	0.00	10.00	0.04	0.04	0.04			
GR12.586	0.00	9.09	0.01	9.09	2.50	9.59	2.51	9.59	4.71
GR5.0869	4.72	5.09	6.10	2.59	6.11	2.59	9.99	12.59	10.00
X11900.8	6.00	0.00	10.00	0.04	0.04	0.04			
GR12.587	0.00	9.09	0.01	9.09	2.50	2.59	2.51	2.59	10.00
GR12.587	10.00								
X11883.7	6.00	0.00	10.00	17.13	17.13	17.13			
GR12.645	0.00	9.15	0.01	9.15	2.50	2.65	2.51	2.65	10.00
GR12.645	10.00								
X11883.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR12.645	0.00	9.15	0.01	9.15	2.50	9.65	2.51	9.65	4.71
GR5.1454	4.72	5.15	6.10	2.65	6.11	2.65	9.99	12.65	10.00
X11883.6	6.00	0.00	10.00	0.04	0.04	0.04			
GR12.645	0.00	9.15	0.01	9.15	2.50	2.65	2.51	2.65	10.00
GR12.645	10.00								
X11866.5	6.00	0.00	10.00	17.13	17.13	17.13			
GR12.703	0.00	9.20	0.01	9.20	2.50	2.70	2.51	2.70	10.00
GR12.703	10.00								
X11866.4	10.00	0.00	10.00	0.04	0.04	0.04			
GR12.704	0.00	9.20	0.01	9.20	2.50	9.70	2.51	9.70	4.71
GR5.2040	4.72	5.20	6.10	2.70	6.11	2.70	9.99	12.70	10.00
X11866.4	6.00	0.00	10.00	0.04	0.04	0.04			
GR12.704	0.00	9.20	0.01	9.20	2.50	2.70	2.51	2.70	10.00
GR12.704	10.00								
X11831.0	6.00	0.00	10.00	35.39	35.39	35.39			
GR12.824	0.00	9.32	0.01	9.32	2.50	2.82	2.51	2.82	10.00
GR12.824	10.00								
X1 1831	10.00	0.00	10.00	0.04	0.04	0.04			
GR12.824	0.00	9.32	0.01	9.32	2.50	9.82	2.51	9.82	4.71
GR5.3246	4.72	5.32	6.10	2.82	6.11	2.82	9.99	12.82	10.00
X11830.9	6.00	0.00	10.00	0.04	0.04	0.04			
GR12.824	0.00	9.32	0.01	9.32	2.50	2.82	2.51	2.82	10.00
GR12.824	10.00								
X11823.0	6.00	0.00	10.00	7.92	7.92	7.92			
GR12.851	0.00	9.35	0.01	9.35	2.50	2.85	2.51	2.85	10.00
GR12.851	10.00								
X1 1823	10.00	0.00	10.00	0.04	0.04	0.04			

[illegible]	[illegible]	[illegible]	0.01	9.35	2.50	9.85	2.51	9.85	4.71
GR5.3518	4.72	5.35	6.10	2.85	6.11	2.85	9.99	12.85	10.00
X11822.9	6.00	0.00	10.00	0.04	0.04	0.04			
GR12.851	0.00	9.35	0.01	9.35	2.50	2.85	2.51	2.85	10.00
GR12.851	10.00								

EJ

ER

```
X     X  XXXXXXX   XXXXX              XXXXX
X     X  X        X     X            X     X
X     X  X        X                        X
XXXXXXX  XXXX     X         XXXXX    XXXXX
X     X  X        X                  X
X     X  X        X     X            X
X     X  XXXXXXX   XXXXX              XXXXXXX END OF BANNER
```

THIS RUN EXECUTED 1/14/93 9:3!

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*************************************************
  HEC2 RELEASE DATED SEPT 88

*************************************************

T1       MIDDLE CREEK ABATEMENT
T2       STORM DITCH
T3       STATION 1800    TO      END

J1  ICHECK    INQ      NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

     -10
```

-				0		0		3.5		
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	-1		0				-1			

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CRITICAL DEPTH TO BE CALCULATED AT ALL CROSS SECTIONS
0

CCHV= .200 CEHV= .400
*SECNO 3531.000

3531.00	6.47	3.50	-2.08	3.50	3.51	.01	.00	.00	7.03
120.	0.	120.	0.	0.	162.	0.	0.	0.	7.03
.00	.00	.74	.00	.000	.013	.000	.000	-2.97	.00
.000006	0.	0.	0.	0	16	0	.00	24.99	25.00

NO 3512.600

3302 WARNING:

3512.60	6.38	3.49	-1.69	.00	3.51	.02	.00	.00	7.11
120.	0.	120.	0.	0.	110.	0.	0.	0.	7.11
.00	.00	1.09	.00	.000	.013	.000	.000	-2.89	5.71
.000017	18.	18.	18.	0	21	0	.00	17.98	23.70

*SECNO 3512.500

3512.50	6.38	3.49	-1.69	.00	3.51	.02	.00	.00	7.11
120.	0.	120.	0.	0.	110.	0.	0.	0.	7.11
.00	.00	1.09	.00	.000	.013	.000	.000	-2.89	5.71
.000017	0.	0.	0.	0	21	0	.00	17.98	23.70

*SECNO 3512.500

3512.50	6.39	3.50	-1.86	.00	3.51	.01	.00	.00	7.11
120.	0.	120.	0.	0.	129.	0.	0.	0.	7.11
.00	.00	.93	.00	.000	.013	.000	.000	-2.89	3.50
.000011	0.	0.	0.	0	20	0	.00	20.20	23.70

*SECNO 3500.000

3500.00	6.35	3.50	-1.75	.00	3.52	.02	.00	.00	7.15
120.	0.	120.	0.	0.	116.	0.	0.	0.	7.15
.01	.00	1.04	.00	.000	.013	.000	.000	-2.85	3.20
000014	12.	12.	12.	0	20	0	.00	18.20	21.40

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
,LOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3500.000

3500.00	6.34	3.49	-1.55	.00	3.52	.02	.00	.00	7.15
120.	0.	120.	0.	0.	97.	0.	0.	0.	7.15
.01	.00	1.24	.00	.000	.013	.000	.000	-2.85	5.41
.000023	0.	0.	0.	0	21	0	.00	15.98	21.40

*SECNO 3499.900

3499.90	6.35	3.50	-1.75	.00	3.52	.02	.00	.00	7.15
120.	0.	120.	0.	0.	115.	0.	0.	0.	7.15
.01	.00	1.04	.00	.000	.013	.000	.000	-2.85	3.20
.000014	0.	0.	0.	0	25	0	.00	18.20	21.40

*SECNO 3487.600

3487.60	6.31	3.50	-1.60	.00	3.52	.02	.00	.00	7.19
120.	0.	120.	0.	0.	100.	0.	0.	0.	7.19
.01	.00	1.20	.00	.000	.013	.000	.000	-2.81	3.20
.000020	12.	12.	12.	0	21	0	.00	15.90	19.10

*SECNO 3487.500

3487.50	6.30	3.49	-1.35	.00	3.53	.03	.00	.00	7.19
120.	0.	120.	0.	0.	82.	0.	0.	0.	7.19
.01	.00	1.47	.00	.000	.013	.000	.000	-2.81	5.41
00036	0.	0.	0.	0	17	0	.00	13.68	19.10

*SECNO 3487.500

3487.50	6.32	3.51	-1.60	.00	3.53	.02	.00	.00	7.19
120.	0.	120.	0.	0.	100.	0.	0.	0.	7.19
.01	.00	1.20	.00	.000	.013	.000	.000	-2.81	3.20
.000020	0.	0.	0.	1	21	0	.00	15.90	19.10

*SECNO 3477.600

3477.60	6.27	3.50	-1.45	.00	3.53	.03	.00	.00	7.23
120.									

0.	120.	0.	0.	88.	0.	0.	0.	7.23	
.01	.00	1.37	.00	.000	.013	.000	.000	-2.77	3.20
.000029	10.	10.	10.	0	17	0	.00	14.00	17.20

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3477.500

3477.50	6.26	3.49	-1.13	.00	3.54	.05	.00	.01	7.23
120.	0.	120.	0.	0.	69.	0.	0.	0.	7.23
.01	.00	1.73	.00	.000	.013	.000	.000	-2.77	5.41
.000057	0.	0.	0.	1	14	0	.00	11.78	17.20

*SECNO 3477.500

3302

3477.50	6.28	3.51	-1.45	.00	3.54	.03	.00	.00	7.23
120.	0.	120.	0.	0.	88.	0.	0.	0.	7.23
.01	.00	1.36	.00	.000	.013	.000	.000	-2.77	3.20
.000029	0.	0.	0.	2	17	0	.00	14.00	17.20

NO 3438.600

3302

3438.60	6.13	3.49	-.85	.00

3.56	.08	.00	.02	7.36					
120.	0.	120.	0.	0.	54.	0.	0.	0.	7.36
.02	.00	2.23	.00	.000	.013	.000	.000	-2.64	3.20
000108	39.	39.	39.	2	14	0	.00	8.80	12.00

*SECNO 3438.500

3302

3438.50	6.07	3.43	.20	.00	3.60	.18	.00	.04	7.36
120.	0.	120.	0.	0.	35.	0.	0.	0.	7.36
.02	.00	3.39	.00	.000	.013	.000	.000	-2.64	5.41
.000375	0.	0.	0.	2	14	0	.00	6.58	12.00

*SECNO 3438.500

3302

3438.50	6.19	3.55	-.84	.00	3.62	.08	.00	.02	7.36
120.	0.	120.	0.	0.	54.	0.	0.	0.	7.36
.02	.00	2.20	.00	.000	.013	.000	.000	-2.64	3.20
.000106	0.	0.	0.	2	14	0	.00	8.80	12.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3398.600

3398.60	6.11	3.60	-1.16	.00	3.64	.03	.00	.01	7.49
79.	0.	79.	0.	0.	54.	0.	0.	0.	7.49
.03	.00	1.47	.00	.000	.013	.000	.000		

-2.51	3.20								
.000047	40.	40.	40.	2	17	0	.00	8.80	12.00

:NO 3398.500

3302

3398.50	6.09	3.58	-.48	.00	3.65	.08	.00	.02	7.49
79.	0.	79.	0.	0.	36.	0.	0.	0.	7.49
.03	.00	2.22	.00	.000	.013	.000	.000	-2.51	5.41
.000161	0.	0.	0.	2	17	0	.00	6.58	12.00

*SECNO 3398.500

3302

3398.50	6.14	3.63	-1.16	.00	3.66	.03	.00	.01	7.49
79.	0.	79.	0.	0.	54.	0.	0.	0.	7.49
.03	.00	1.46	.00	.000	.013	.000	.000	-2.51	3.20
.000047	0.	0.	0.	2	17	0	.00	8.80	12.00

*SECNO 3359.600

3359.60	6.00	3.63	-1.05	.00	3.66	.03	.00	.00	7.63
79.	0.	79.	0.	0.	55.	0.	0.	0.	7.63
.03	.00	1.43	.00	.000	.013	.000	.000	-2.37	2.80
.000044	39.	39.	39.	0	17	0	.00	9.20	12.00

*SECNO 3359.500

.2

3359.50	5.98	3.61	-.49	.00	3.68	.07	.00	.01	7.63
79.	0.	79.	0.	0.	38.	0.	0.	0.	7.63
.03	.00	2.09	.00	.000	.013	.000	.000	-2.37	5.01
.000133	0.	0.	0.	2	17	0	.00	6.98	12.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TO	

PWID ENDST

*SECNO 3359.50

3359.50	6.02	3.65	-1.06	.00	3.69	.03	.00	.01	7.63
79.	0.	79.	0.	0.	55.	0.	0.	0.	7.63
.03	.00	1.43	.00	.000	.013	.000	.000	-2.37	2.80
.000043	0.	0.	0.	2	17	0	.00	9.20	12.00

*SECNO 3318.600

3318.60	5.88	3.65	-.91	.00	3.69	.03	.00	.00	7.77
79.	0.	79.	0.	0.	54.	0.	0.	0.	7.77
.04	.00	1.46	.00	.000	.013	.000	.000	-2.23	2.80
.0000									

46.	41.	41.	41.	0	17	0	.00	9.20	12.00

*SECNO 3318.500

3318.50	5.86	3.63

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.77
79.	0.	79.	0.	0.	37.	0.	0.	0.	7.77
.04	.00	2.14	.00	.000	.013	.000	.000	-2.23	5.01
.000141	0.	0.	0.	2	17	0	.00	6.98	12.00

..CNO 3318.500

3318.50	5.91	3.68	-.92	.00	3.71	.03	.00	.01	7.77
79.	0.	79.							

```
 54.       0.       0.       0.      7.77
    .04     .00     1.45     .00     .000     .013     .000     .000    -2.23     2.80
 .000046     0.       0.       0.       2       17        0      .00     9.20    12.00

 CNO 3283.600
 3283.60    5.79     3.68    -.80     .00     3.71     .03     .00      .00     7.89
    79.      0.      79.      0.      0.      53.      0.      0.       0.      7.89
    .05     .00     1.48     .00     .000     .013     .000     .000    -2.11     2.80
 .000048    35.      35.      35.      0       17        0      .00     9.20    12.00
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 SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     BANK ELEV
 Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA     LEFT/RIGHT
 TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
 SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

*SECNO 3283.500

 3283.50    5.76     3.65    -.23     .00     3.73     .07     .00      .02     7.89
    79.      0.      79.      0.      0.      36.      0.      0.       0.      7.89
    .05     .00     2.18     .00     .000     .013     .000     .000    -2.11     5.01
 .000148     0.       0.       0.       2       17        0      .00     6.98    12.00

*SECNO 3283.500

 3283.50    5.81     3.70    -.80     .00     3.74     .03     .00      .01     7.89
    79.      0.      79.      0.      0.      53.      0.      0.       0.      7.89
    .05     .00     1.48     .00     .000     .013     .000     .000    -2.11     2.80
 .000048     0.       0.       0.       2       17        0      .00     9.20    12.00

*SECNO 3273.600
 3273.60    5.78     3.70    -.77     .00     3.74     .03     .00      .00     7.92
    79.      0.      79.      0.      0.      53.      0.      0.       0.      7.92
    .05     .00     1.49     .00     .000     .013     .000     .000    -2.08     2.80
 .000048    10.      10.      10.      0       17        0      .00     9.20    12.00

*SECNO 3273.500

 3273.50    5.76     3.68    -.20     .00     3.75     .07     .00      .02     7.92
    79.      0.      79.      0.      0.      36.      0.      0.       0.      7.92
    .05     .00     2.18     .00     .000     .013     .000     .000    -2.08     5.01
 .000149     0.       0.       0.       2       17        0      .00     6.98    12.00

*SECNO 3273.500

 3273.50    5.81     3.73    -.77     .00     3.76     .03     .00      .01     7.92
    79.      0.      79.      0.      0.      53.      0.      0.       0.      7.92
    .05     .00     1.48     .00     .000     .013     .000     .000    -2.08     2.80
 .000048     0.       0.       0.       2       17        0      .00     9.20    12.00
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3238.600

3238.60	5.69	3.73	-.65	.00	3.76	.04	.00	.00	8.04
79.	0.	79.	0.	0.	52.	0.	0.	0.	8.04
.06	.00	1.51	.00	.000	.013	.000	.000	-1.96	2.80
.000050	35.	35.	35.	0	17	0	.00	9.20	12.00

*SECNO 3238.500

3238.50	5.66	3.70	-.08	.00	3.78	.08	.00	.02	8.04
79.	0.	79.	0.	0.	36.	0.	0.	0.	8.04
.06	.00	2.22	.00	.000	.013	.000	.000	-1.96	5.01
.000156	0.	0.	0.	2	17	0	.00	6.98	12.00

*SECNO 3238.500

3238.50	5.71	3.75	-.65	.00	3.79	.04	.00	.01	8.04
79.	0.	79.	0.	0.	53.	0.	0.	0.	8.04
.06	.00	1.50	.00	.000	.013	.000	.000	-1.96	2.80
.000050	0.	0.	0.	2	17	0	.00	9.20	12.00

*SECNO 3198.600

3198.60	5.58	3.75	-.52	.00	3.79	.04	.00	.00	8.17
79.	0.	79.	0.	0.	51.	0.	1.	0.	8.17
.06	.00	1.54	.00	.000	.013	.000	.000	-1.83	2.80
.000053	40.	40.	40.	0	17	0	.00	9.20	12.00

*SECNO 3198.500

3198.50	5.56	3.73	.05	.00	3.81	.08	.00	.02	8.17
79.	0.	79.	0.	0.	35.	0.	1.	0.	8.17
.06	.00	2.27	.00	.000	.013	.000	.000	-1.83	5.01
.000165	0.	0.	0.	2	17	0	.00	6.98	12.00

˙ECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
⌟	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3198.500

3198.50	5.60	3.78	-.50	.00	3.82	.04	.00	.01	8.18
79.	0.	79.	0.	0.	51.	0.	1.	0.	8.18
.06	.00	1.53	.00	.000	.013	.000	.000	-1.82	2.80
.000052	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 3159.100

3159.10	5.47	3.78	-.38	.00	3.82	.04	.00	.00	8.31
79.	0.	79.	0.	0.	50.	0.	1.	0.	8.31
.07	.00	1.57	.00	.000	.013	.000	.000	-1.69	2.80
.000056	39.	39.	39.	0	17	0	.00	9.20	12.00

*SECNO 3159.000

3159.00	5.44	3.75	.19	.00	3.84	.08	.00	.02	8.31
79.	0.	79.	0.	0.	34.	0.	1.	0.	8.31
.07	.00	2.32	.00	.000	.013	.000	.000	-1.69	5.01
.000175	0.	0.	0.	2	17	0	.00	6.98	12.00

*SECNO 3159.000

3159.00	5.50	3.81	-.37	.00	3.85	.04	.00	.01	8.31
79.	0.	79.	0.	0.	51.	0.	1.	0.	8.31
.07	.00	1.56	.00	.000	.013	.000	.000	-1.69	2.80
.000055	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 3134.700

3134.70	5.42	3.81	-.29	.00	3.85	.04	.00	.00	8.39
79.	0.	79.	0.	0.	50.	0.	1.	0.	8.39
.07	.00	1.58	.00	.000	.013	.000	.000	-1.61	2.80
.000057	24.	24.	24.	0	14	0	.00	9.20	12.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3134.700

3134.70	5.39	3.78	.27	.00	3.87	.09	.00	.02	8.39
79.	0.	79.	0.	0.	34.	0.	1.	0.	8.39
.07	.00	2.35	.00	.000	.013	.000	.000	-1.61	5.01
.000180	0.	0.	0.	2	19	0	.00	6.98	12.00

*SECNO 3134.600

3134.60	5.45	3.84	-.29	.00	3.88	.04	.00	.01	8.39
79.	0.	79.	0.	0.	50.	0.	1.	0.	8.39
.07	.00	1.58	.00	.000	.013	.000	.000	-1.61	2.80
.000056	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 3113.800

3113.80	5.38	3.84	-.22	.00	3.88	.04	.00	.00	8.46
79.	0.	79.	0.	0.	49.	0.	1.	0.	8.46
.08	.00	1.60	.00	.000	.013	.000	.000	-1.54	2.80
.000058	21.	21.	21.	0	14	0	.00	9.20	12.00

*SECNO 3113.800

3113.80	5.35	3.81	.34	.00	3.90	.09	.00	.02	8.46
79.	0.	79.	0.	0.	33.	0.	1.	0.	8.46
.08	.00	2.37	.00	.000	.013	.000	.000	-1.54	5.01
.000184	0.	0.	0.	2	17	0	.00	6.98	12.00

*SECNO 3113.800

3113.80	5.41	3.87	-.23	.00	3.91	.04	.00	.01	8.46
79.	0.	79.	0.	0.	50.	0.	1.	0.	8.46
.08	.00	1.59	.00	.000	.013	.000	.000	-1.54	2.80
.000057	0.	0.	0.	2	11	0	.00	9.20	12.00

:ECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3074.300

3074.30	5.27	3.87	-.08	.00	3.91	.04	.00	.00	8.60
79.	0.	79.	0.	0.	48.	0.	1.	0.	8.60
.08	.00	1.63	.00	.000	.013	.000	.000	-1.40	2.80
.000061	39.	39.	39.	0	14	0	.00	9.20	12.00

*SECNO 3074.300

3074.30	5.24	3.84	.48	.00	3.93	.09	.00	.02	8.60
79.	0.	79.	0.	0.	33.	0.	1.	0.	8.60
.08	.00	2.43	.00	.000	.013	.000	.000	-1.40	5.01
.000196	0.	0.	0.	2	17	0	.00	6.98	12.00

*SECNO 3074.200

3074.20	5.30	3.90	-.08	.00	3.94	.04	.00	.01	8.60
79.	0.	79.	0.	0.	49.	0.	1.	0.	8.60
.08	.00	1.62	.00	.000	.013	.000			

.000	-1.40	2.80							
.000061	0.	0.	0.	2	11	0	.00	9.20	12.00

:NO 3050.000									
3050.00	5.22	3.90	-.01	.00	3.94	.04	.00	.00	8.68

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79.      0.      79.      0.      0.      48.      0.      1.      0.      8.68
     .09      .00     1.65      .00     .000     .013     .000     .000    -1.32     2.80
 .000063      24.      24.      24.       0       11       0      .00     9.20    12.00

..CNO 3050.000


3050.00     5.19     3.87
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.56	.00	3.96	.09	.00	.02	8.68			
79.	0.	79.	0.	0.	32.	0.	1.	0.	8.68
.09	.00	2.45	.00	.000	.013	.000	.000	-1.32	5.01
.000201	0.	0.	0.	2	14	0	.00	6.98	12.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3049.900

3049.90	5.25	3.93	-.00	.00	3.97	.04	.00	.01	8.68
79.	0.	79.	0.	0.	48.	0.	1.	0.	8.68
.09	.00	1.64	.00	.000	.013	.000	.000	-1.32	2.80
.000062	0.	0.	0.	2	11	0	.00	9.20	12.00

*SECNO 3021.900

3021.90	5.15	3.93	.10	.00	3.98	.04	.00	.00	8.78
79.	0.	79.	0.	0.	47.	0.	1.	0.	8.78
.09	.00	1.67	.00	.000	.013	.000	.000	-1.22	2.80
.000065	28.	28.	28.	0	11	0	.00	9.20	12.00

*SECNO 3021.900

3021.90	5.12	3.90	.66	.00	4.00	.10	.00	.02	8.78
79.	0.	79.	0.	0.	32.	0.	1.	0.	8.78
.09	.00	2.49	.00	.000	.013	.000	.000	-1.22	5.01
.000209	0.	0.	0.	2	14	0	.00	6.98	12.00

*SECNO 3021.800

3021.80	5.18	3.96	.09	.00	4.01	.04	.00	.01	8.78
79.	0.	79.	0.	0.	48.	0.	1.	0.	8.78
.09	.00	1.66	.00	.000	.013	.000	.000	-1.22	2.80
.000064	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2981.900

2981.90	5.06	3.97	.23	.00	4.01	.04	.00	.00	8.91
79.	0.	79.	0.	0.	47.	0.	1.	0.	8.91
.10	.00	1.70	.00	.000	.013	.000	.000	-1.09	2.80
.000068	40.	40.	40.	0	11	0	.00	9.20	12.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2981.900

2981.90	5.02	3.93	.79	.00	4.03	.10	.00	.02	8.91
79.	0.	79.	0.	0.	31.	0.	1.	0.	8.91
.10	.00	2.54	.00	.000	.013	.000	.000	-1.09	5.01
.000222	0.	0.	0.	2	14	0	.00	6.98	12.00

*SECNO 2981.800

2981.80	5.09	4.00	.22	.00	4.04	.04	.00	.01	8.91
79.	0.	79.	0.	0.	47.	0.	1.	0.	8.91
.10	.00	1.69	.00	.000	.013	.000	.000	-1.09	2.80
.000067	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2941.900

2941.90	4.96	4.01	.29	.00	4.05	.04	.00	.00	9.05
73.	0.	73.	0.	0.	46.	0.	1.	0.	9.05
.11	.00	1.60	.00	.000	.013	.000	.000	-.95	2.80
.000062	40.	40.	40.	0	11	0	.00	9.20	12.00

*SECNO 2941.900

2941.90	4.93	3.98	.84	.00	4.07	.09	.00	.02	9.05
73.	0.	73.	0.	0.	30.	0.	1.	0.	9.05
.11	.00	2.40	.00	.000	.013	.000	.000	-.95	5.02
.000200	0.	0.	0.	2	18	0	.00	6.98	11.99

*SECNO 2941.800

2941.80	4.99	4.04	.30	.00	4.08	.04	.00	.01	9.05
73.	0.	73.	0.	0.	46.	0.	1.	0.	9.05
.11	.00	1.59	.00	.000	.013	.000	.000	-.95	2.80
.000061	0.	0.	0.	2	11	0	.00	9.20	12.00

:ECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2901.900

2901.90	4.86	4.04	.43	.00	4.08	.04	.00	.00	9.18
73.	0.	73.	0.	0.	45.	0.	1.	0.	9.18
.11	.00	1.63	.00	.000	.013	.000	.000	-.82	2.80
.000065	40.	40.	40.	0	11	0	.00	9.20	12.00

*SECNO 2901.900

2901.90	4.83	4.01	.96	.00	4.10	.09	.00	.02	9.18
73.	0.	73.	0.	0.	30.	0.	1.	0.	9.18
.11	.00	2.46	.00	.000	.013	.000	.000	-.82	5.02
.000213	0.	0.	0.	2	18	0	.00	6.98	11.99

*SECNO 2901.800

2901.80	4.89	4.07	.43	.00	4.11	.04	.00	.01	9.18
73.	0.	73.	0.	0.	45.	0.	1.	0.	9.18
.11	.00	1.62	.00	.000	.013	.000	.000	-.82	2.80
.000064	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2861.900

2861.90	4.75	4.07	.57	.00	4.12	.04	.00	.00	9.32
73.	0.	73.	0.	0.	44.	0.	1.	0.	9.32
.12	.00	1.67	.00	.000	.013	.000	.000	-.68	2.80
.000069	40.	40.	40.	0	11	0	.00	9.20	12.00

*SECNO 2861.900

2861.90	4.72	4.04	1.10	.00	4.14	.10	.00	.02	9.32
73.	0.	73.	0.	0.	29.	0.	1.	0.	9.32
.12	.00	2.52	.00	.000	.013	.000	.000	-.68	5.02
.000228	0.	0.	0.	2	18	0	.00	6.98	11.99

:ECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2861.800

2861.80	4.79	4.11	.57	.00	4.15	.04	.00	.01	9.32
73.	0.	73.	0.	0.	44.	0.	1.	0.	9.32
.12	.00	1.66	.00	.000	.013	.000	.000	-.68	2.80
.000068	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2861.900

2861.90	4.79	4.11	.57	.00	4.15	.04	.00	.00	9.32
73.	0.	73.	0.	0.	44.	0.	1.	0.	9.32
.12	.00	1.66	.00	.000	.013	.000	.000	-.68	2.80
.000068	0.	0.	0.	0	14	0	.00	9.20	12.00

*SECNO 2861.900

2861.90	4.75	3.07	1.10	.00	4.17	.10	.00	.02	9.32
73.	0.	73.	0.	0.	29.	0.	1.	0.	9.32
.12	.00	2.50	.00	.000	.013	.000	.000	-.68	5.02
.000223	0.	0.	0.	2	18	0	.00	6.98	11.99

*SECNO 2861.800

2861.80	4.82	4.14	.57	.00	4.18	.04	.00	.01	9.32
73.	0.	73.	0.	0.	44.	0.	1.	0.	9.32
.12	.00	1.65	.00	.000	.013	.000	.000	-.68	2.80
.000066	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2832.500

2832.50	4.72	4.14	.67	.00	4.19	.04	.00	.00	9.42
73.	0.	73.	0.	0.	43.	0.	1.	0.	9.42
.13	.00	1.68	.00	.000	.013	.000	.000	-.58	2.80
.000070	29.	29.	29.	0	14	0	.00	9.20	12.00

ECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2832.500

2832.50	4.69	4.11	1.20	.00	4.21	.10	.00	.02	9.42
73.	0.	73.	0.	0.	29.	0.	1.	0.	9.42
.13	.00	2.54	.00	.000	.013	.000	.000	-.58	5.02
.000233	0.	0.	0.	2	18	0	.00	6.98	11.99

*SECNO 2832.500

2832.50	4.76	4.18	.67	.00	4.22	.04	.00	.01	9.42
73.	0.	73.	0.	0.	44.	0.	1.	0.	9.42
.13	.00	1.67	.00	.000	.013	.000	.000	-.58	2.80
.000069	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2805.100

2805.10	4.67	4.18	.76	.00	4.22	.04	.00	.00	9.51
73.	0.	73.	0.	0.	43.	0.	1.	0.	9.51
.13	.00	1.70	.00	.000	.013	.000	.000	-.49	2.80
.000072	27.	27.	27.	0	14	0	.00	9.20	12.00

*SECNO 2805.000

2805.00	4.63	4.14	1.29	.00	4.24	.10	.00	.02	9.51
73.	0.	73.	0.	0.	28.	0.	1.	0.	9.51
.13	.00	2.58	.00	.000	.013	.000	.000	-.49	5.02
.000241	0.	0.	0.	2	18	0	.00	6.98	11.99

*SECNO 2805.000

2805.00	4.70	4.21	.76	.00	4.26	.04	.00	.01	9.51
73.	0.	73.	0.	0.	43.	0.	1.	0.	9.51
.13	.00	1.69	.00	.000	.013	.000	.000	-.49	2.80
.000071	0.	0.	0.	2	14	0	.00	9.20	12.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2770.900

2770.90	4.58	4.21	.88	.00	4.26	.05	.00	.00	9.63
73.	0.	73.	0.	0.	42.	0.	1.	0.	9.63
.13	.00	1.73	.00	.000	.013	.000	.000	-.37	2.80
.000076	34.	34.	34.	0	14	0	.00	9.20	12.00

*SECNO 2770.800

2770.80	4.55	4.18	1.41	.00	4.28	.11	.00	.02	9.63
73.	0.	73.	0.	0.	28.	0.	1.	0.	9.63
.13	.00	2.63	.00	.000	.013	.000	.000	-.37	5.02
.000255	0.	0.	0.	2	18	0	.00	6.98	11.99

*SECNO 2770.800

2770.80	4.62	4.25	.88	.00	4.30	.05	.00	.01	9.63
73.	0.	73.	0.	0.	42.	0.	1.	0.	9.63
.14	.00	1.72	.00	.000	.013	.000	.000	-.37	2.80
.000074	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2739.400

2739.40	4.51	4.25	.99	.00	4.30	.05	.00	.00	9.74
73.	0.	73.	0.	0.	42.	0.	1.	0.	9.74
.14	.00	1.76	.00	.000	.013	.000	.000	-.26	2.80
.000079	31.	31.	31.	0	14	0	.00	9.20	12.00

*SECNO 2739.300

2739.30	4.47	4.21	1.52	.00	4.33	.11	.00	.03	9.74
73.	0.	73.	0.	0.	27.	0.	1.	0.	9.74
.14	.00	2.68	.00	.000	.013	.000	.000	-.26	5.02
.000268	0.	0.	0.	2	18	0	.00	6.98	11.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2739.300

2739.30	4.55	4.29	.99	.00	4.34	.05	.00	.01	9.74
73.	0.	73.	0.	0.	42.	0.	1.	0.	9.74
.14	.00	1.74	.00	.000	.013	.000	.000	-.26	2.80
.000077	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2731.400

2731.40	4.53	4.29	1.01	.00	4.34	.05	.00	.00	9.76
73.	0.	73.	0.	0.	42.	0.	1.	0.	9.76
.14	.00	1.75	.00	.000	.013	.000	.000	-.24	2.80
.000078	8.	8.	8.	0	14	0	.00	9.20	12.00

*SECNO 2731.300

2731.30	4.49	4.25	1.54	.00	4.36	.11	.00	.03	9.76
73.	0.	73.	0.	0.	27.	0.	1.	0.	9.76
.14	.00	2.67	.00	.000	.013	.000	.000	-.24	5.02
.000265	0.	0.	0.	2	18	0	.00	6.98	11.99

*SECNO 2731.300

2731.30	4.57	4.33	1.01	.00	4.38	.05	.00	.01	9.76
73.	0.	73.	0.	0.	42.	0.	1.	0.	9.76
.14	.00	1.74	.00	.000	.013	.000	.000	-.24	2.80
.000076	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2692.000

2692.00	4.43	4.33	1.15	.00	4.38	.05	.00	.00	9.90
73.	0.	73.	0.	0.	41.	0.	1.	0.	9.90
.15	.00	1.79	.00	.000	.013	.000	.000	-.10	2.80
.000083	39.	39.	39.	0	14	0	.00	9.20	12.00

'ECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2692.000

2692.00	4.39	4.29	1.68	.00	4.41	.12	.00	.03	9.90
73.	0.	73.	0.	0.	27.	0.	1.	0.	9.90
.15	.00	2.74	.00	.000	.013	.000	.000	-.10	5.02
.000284	0.	0.	0.	2	18	0	.00	6.98	11.99

*SECNO 2691.900

2691.90	4.47	4.37	1.15	.00	4.42	.05	.00	.01	9.90
73.	0.	73.	0.	0.	41.	0.	1.	0.	9.90
.15	.00	1.78	.00	.000	.013	.000	.000	-.10	2.80
.000081	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2661.800

2661.80	4.37	4.37	1.25	.00	4.42	.05	.00	.00	10.00
73.	0.	73.	0.	0.	40.	0.	1.	0.	10.00
.15	.00	1.81	.00	.000	.013	.000	.000	.00	2.80
.000086	30.	30.	30.	0	14	0	.00	9.20	12.00

*SECNO 2661.800

2661.80	4.33	4.33	1.78	.00	4.45	.12	.00	.03	10.00
73.	0.	73.	0.	0.	26.	0.	1.	0.	10.00
.15	.00	2.78	.00	.000	.013	.000	.000	.00	5.02
.000296	0.	0.	0.	2	18	0	.00	6.98	11.99

*SECNO 2661.800

2661.80	4.42	4.42	1.25	.00	4.47	.05	.00	.01	10.00
73.	0.	73.	0.	0.	41.	0.	1.	0.	10.00
.15	.00	1.80	.00	.000	.013	.000	.000	.00	2.80
.000084	0.	0.	0.	2	14	0	.00	9.20	12.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2631.700

2631.70	4.32	4.42	1.35	.00	4.47	.05	.00	.00	10.10
73.	0.	73.	0.	0.	40.	0.	1.	0.	10.10
.16	.00	1.84	.00	.000	.013	.000	.000	.10	2.80
.000089	30.	30.	30.	0	14	0	.00	9.20	12.00

*SECNO 2631.600

2631.60	4.27	4.37	1.88	.00	4.50	.12	.00	.03	10.10
73.	0.	73.	0.	0.	26.	0.	1.	0.	10.10
.16	.00	2.82	.00	.000	.013	.000	.000	.10	5.02
.000309	0.	0.	0.	2	18	0	.00	6.98	11.99

*SECNO 2631.600

2631.60	4.36	4.46	1.35	.00	4.51	.05	.00	.01	10.10
73.	0.	73.	0.	0.	40.	0.	1.	0.	10.10
.16	.00	1.82	.00	.000	.013	.000	.000	.10	2.80
.000087	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2603.900

2603.90	4.26	4.46	1.45	.00	4.52	.05	.00	.00	10.20
73.	0.	73.	0.	0.	39.	0.	1.	0.	10.20
.16	.00	1.86	.00	.000	.013	.000	.000	.20	2.80
.000092	28.	28.	28.	0	14	0	.00	9.20	12.00

*SECNO 2603.900

2603.90	4.22	4.42	1.99	.00	4.55	.13	.00	.03	10.20
73.	0.	73.	0.	0.	25.	0.	1.	0.	10.20
.16	.00	2.87	.00	.000	.013	.000	.000	.20	5.02
.000322	0.	0.	0.	2	14	0	.00	6.98	11.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2603.900

2603.90	4.31	4.51	1.45	.00	4.56	.05	.00	.01	10.20
73.	0.	73.	0.	0.	40.	0.	1.	0.	10.20
.16	.00	1.84	.00	.000	.013	.000	.000	.20	2.80
.000090	0.	0.	0.	2	14	0	.00	9.20	12.00

*SECNO 2574.000

2574.00	4.21	4.51	1.55	.00	4.56	.06	.00	.00	10.30
73.	0.	73.	0.	0.	39.	0.	1.	0.	10.30
.17	.00	1.88	.00	.000	.013	.000	.000	.30	2.80
.000095	30.	30.	30.	0	14	0	.00	9.20	12.00

*SECNO 2574.000

2574.00	4.16	4.46	2.09	.00	4.60	.13	.00	.03	10.30
73.	0.	73.	0.	0.	25.	0.	1.	0.	10.30
.17	.00	2.91	.00	.000	.013	.000	.000	.30	5.02
.000336	0.	0.	0.	2	14	0	.00	6.98	11.99

*SECNO 2574.000

2574.00	4.26	4.56	1.55	.00	4.61	.05	.00	.02	10.30
73.	0.	73.	0.	0.	39.	0.	1.	0.	10.30
.17	.00	1.87	.00	.000	.013	.000	.000	.30	2.80
.000092	0.	0.	0.	2	17	0	.00	9.20	12.00

*SECNO 2544.100

2544.10	4.16	4.56	1.65	.00	4.61	.06	.00	.00	10.40
73.	0.	73.	0.	0.	38.	0.	1.	0.	10.40
.17	.00	1.91	.00	.000	.013	.000	.000	.40	2.80
.000098	30.	30.	30.	0	14	0	.00	9.20	12.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2544.100

2544.10	4.11	4.51	2.18	.00	4.65	.14	.00	.03	10.40
73.	0.	73.	0.	0.	25.	0.	1.	0.	10.40
.17	.00	2.96	.00	.000	.013	.000	.000	.40	5.02
.000349	0.	0.	0.	2	14	0	.00	6.98	11.99

*SECNO 2544.100

2544.10	4.21	4.61	1.65	.00	4.66	.06	.00	.02	10.40
73.	0.	73.	0.	0.	39.	0.	1.	0.	10.40
.17	.00	1.89	.00	.000	.013	.000	.000	.40	2.80
.000095	0.	0.	0.	2	17	0	.00	9.20	12.00

*SECNO 2506.600

2506.60	4.08	4.61	1.78	.00	4.67	.06	.00	.00	10.53
73.	0.	73.	0.	0.	38.	0.	1.	0.	10.53
.17	.00	1.94	.00	.000	.013	.000	.000	.53	2.80
.000103	37.	37.	37.	0	14	0	.00	9.20	12.00

*SECNO 2506.600

2506.60	4.03	4.56	2.31	.00	4.70	.14	.00	.03	10.53
73.	0.	73.	0.	0.	24.	0.	1.	0.	10.53
.17	.00	3.03	.00	.000	.013	.000	.000	.53	5.02
.000372	0.	0.	0.	2	14	0	.00	6.98	11.99

*SECNO 2506.600

2506.60	4.13	4.66	1.78	.00	4.72	.06	.00	.02	10.53
73.	0.	73.	0.	0.	38.	0.	1.	0.	10.53
.17	.00	1.92	.00	.000	.013	.000	.000	.53	2.80
.000100	0.	0.	0.	2	17	0	.00	9.20	12.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2466.600

2466.60	4.04	4.70	1.56	.00	4.73	.02	.00	.01	10.66
45.	0.	45.	0.	0.	37.	0.	1.	0.	10.66
.18	.00	1.21	.00	.000	.013	.000	.000	.66	2.80
.000040	40.	40.	40.	2	17	0	.00	9.20	12.00

*SECNO 2466.600

2466.60	4.03	4.69	1.95	.00	4.74	.05	.00	.01	10.66
45.	0.	45.	0.	0.	24.	0.	1.	0.	10.66
.18	.00	1.86	.00	.000	.013	.000	.000	.66	5.02
.000141	0.	0.	0.	1	17	0	.00	6.98	11.99

*SECNO 2466.600

2466.60	4.06	4.72	1.56	.00	4.75	.02	.00	.01	10.66
45.	0.	45.	0.	0.	37.	0.	1.	0.	10.66
.18	.00	1.20	.00	.000	.013	.000	.000	.66	2.80
.000040	0.	0.	0.	2	17	0	.00	9.20	12.00

*SECNO 2426.800

2426.80	3.92	4.72	1.86	.00	4.76	.04	.00	.01	10.80
45.	0.	45.	0.	0.	28.	0.	1.	0.	10.80
.19	.00	1.60	.00	.000	.013	.000	.000	.80	2.80
.000084	40.	40.	40.	1	14	0	.00	7.20	10.00

*SECNO 2426.800

2426.80	3.86	4.66	2.56	.00	4.79	.14	.00	.04	10.80
45.	0.	45.	0.	0.	15.	0.	1.	0.	10.80
.19	.00	2.96	.00	.000	.013	.000	.000	.80	5.02
.000524	0.	0.	0.	2	14	0	.00	4.98	9.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2426.700

2426.70	3.97	4.77	1.86	.00	4.81	.04	.00	.02	10.80
45.	0.	45.	0.	0.	29.	0.	1.	0.	10.80
.19	.00	1.57	.00	.000	.013	.000	.000	.80	2.80
.000081	0.	0.	0.	2	14	0	.00	7.20	10.00

*SECNO 2386.600

2386.60	3.84	4.78	2.00	.00	4.82	.04	.00	.00	10.94
45.	0.	45.	0.	0.	28.	0.	1.	0.	10.94
.20	.00	1.63	.00	.000	.013	.000	.000	.94	2.80
.000089	40.	40.	40.	1	14	0	.00	7.20	10.00

*SECNO 2386.600

2386.60	3.78	4.72	2.70	.00	4.86	.14	.00	.04	10.94
45.	0.	45.	0.	0.	15.	0.	1.	0.	10.94
.20	.00	3.04	.00	.000	.013	.000	.000	.94	5.02
.000564	0.	0.	0.	2	14	0	.00	4.98	9.99

*SECNO 2386.600

2386.60	3.90	4.84	2.01	.00	4.88	.04	.00	.02	10.94
45.	0.	45.	0.	0.	28.	0.	1.	0.	10.94
.20	.00	1.60	.00	.000	.013	.000	.000	.94	2.80
.000085	0.	0.	0.	2	14	0	.00	7.20	10.00

*SECNO 2346.600

2346.60	3.77	4.84	2.11	.00	4.88	.04	.00	.00	11.07
45.	0.	45.	0.	0.	28.	0.	1.	0.	11.07
.20	.00	1.59	.00	.000	.013	.000	.000	1.07	2.50
.000083	40.	40.	40.	0	14	0	.00	7.50	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2346.600

2346.60	3.72	4.79	2.68	.00	4.91	.12	.00	.03	11.07
45.	0.	45.	0.	0.	16.	0.	1.	0.	11.07
.20	.00	2.78	.00	.000	.013	.000	.000	1.07	4.72
.000429	0.	0.	0.	2	14	0	.00	5.28	9.99

*SECNO 2346.600

2346.60	3.82	4.89	2.11	.00	4.93	.04	.00	.02	11.07
45.	0.	45.	0.	0.	29.	0.	1.	0.	11.07
.20	.00	1.57	.00	.000	.013	.000	.000	1.07	2.50
.000081	0.	0.	0.	2	14	0	.00	7.50	10.00

*SECNO 2306.600

2306.60	3.68	4.89	2.25	.00	4.94	.04	.00	.00	11.21
45.	0.	45.	0.	0.	28.	0.	1.	0.	11.21
.21	.00	1.63	.00	.000	.013	.000	.000	1.21	2.50
.000088	40.	40.	40.	0	14	0	.00	7.50	10.00

*SECNO 2306.600

2306.60	3.63	4.84	2.82	.00	4.97	.13	.00	.03	11.21
45.	0.	45.	0.	0.	16.	0.	1.	0.	11.21
.21	.00	2.87	.00	.000	.013	.000	.000	1.21	4.72
.000466	0.	0.	0.	2	14	0	.00	5.28	9.99

*SECNO 2306.600

2306.60	3.74	4.95	2.25	.00	4.99	.04	.00	.02	11.21
45.	0.	45.	0.	0.	28.	0.	1.	0.	11.21
.21	.00	1.61	.00	.000	.013	.000	.000	1.21	2.50
.000086	0.	0.	0.	2	14	0	.00	7.50	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2266.600

2266.60	3.61	4.95	2.38	.00	4.99	.04	.00	.00	11.34
45.	0.	45.	0.	0.	27.	0.	1.	0.	11.34
.22	.00	1.66	.00	.000	.013	.000	.000	1.34	2.50
.000093	40.	40.	40.	0	14	0	.00	7.50	10.00

*SECNO 2266.600

2266.60	3.55	4.89	2.94	.00	5.03	.13	.00	.04	11.34
45.	0.	45.	0.	0.	15.	0.	1.	0.	11.34
.22	.00	2.95	.00	.000	.013	.000	.000	1.34	4.72
.000501	0.	0.	0.	2	14	0	.00	5.28	9.99

*SECNO 2266.600

2266.60	3.67	5.01	2.38	.00	5.05	.04	.00	.02	11.34
45.	0.	45.	0.	0.	27.	0.	1.	0.	11.34
.22	.00	1.64	.00	.000	.013	.000	.000	1.34	2.50
.000090	0.	0.	0.	2	14	0	.00	7.50	10.00

*SECNO 2226.600

2226.60	3.53	5.01	2.52	.00	5.05	.04	.00	.00	11.48
45.	0.	45.	0.	0.	27.	0.	1.	0.	11.48
.22	.00	1.70	.00	.000	.013	.000	.000	1.48	2.50
.000099	40.	40.	40.	0	14	0	.00	7.50	10.00

*SECNO 2226.600

2226.60	3.47	4.95	3.08	.00	5.09	.14	.00	.04	11.48
45.	0.	45.	0.	0.	15.	0.	1.	0.	11.48
.22	.00	3.03	.00	.000	.013	.000	.000	1.48	4.72
.000543	0.	0.	0.	2	14	0	.00	5.28	9.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2226.600

2226.60	3.59	5.07	2.52	.00	5.11	.04	.00	.02	11.48
45.	0.	45.	0.	0.	27.	0.	1.	0.	11.48
.22	.00	1.67	.00	.000	.013	.000	.000	1.48	2.50
.000096	0.	0.	0.	2	17	0	.00	7.50	10.00

*SECNO 2186.400

2186.40	3.45	5.07	2.66	.00	5.12	.05	.00	.00	11.62
45.	0.	45.	0.	0.	26.	0.	1.	0.	11.62
.23	.00	1.74	.00	.000	.013	.000	.000	1.62	2.50
.000106	40.	40.	40.	1	14	0	.00	7.50	10.00

*SECNO 2186.400

2186.40	3.39	5.01	3.22	.00	5.16	.15	.00	.04	11.62
45.	0.	45.	0.	0.	14.	0.	1.	0.	11.62
.23	.00	3.12	.00	.000	.013	.000	.000	1.62	4.72
.000588	0.	0.	0.	2	14	0	.00	5.28	9.99

*SECNO 2186.300

2186.30	3.52	5.14	2.65	.00	5.18	.05	.00	.02	11.62
45.	0.	45.	0.	0.	26.	0.	1.	0.	11.62
.23	.00	1.71	.00	.000	.013	.000	.000	1.62	2.50
.000101	0.	0.	0.	2	17	0	.00	7.50	10.00

*SECNO 2154.600

2154.60	3.42	5.14	2.76	.00	5.19	.05	.00	.00	11.72
45.	0.	45.	0.	0.	26.	0.	1.	0.	11.72
.24	.00	1.75	.00	.000	.013	.000	.000	1.72	2.50
.000108	32.	32.	32.	0	14	0	.00	7.50	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2154.600

2154.60	3.35	5.07	3.32	.00	5.23	.16	.00	.04	11.72
45.	0.	45.	0.	0.	14.	0.	1.	0.	11.72
.24	.00	3.17	.00	.000	.013	.000	.000	1.72	4.72
.000610	0.	0.	0.	2	14	0	.00	5.28	9.99

*SECNO 2154.600

2154.60	3.48	5.20	2.75	.00	5.25	.05	.00	.02	11.72
45.	0.	45.	0.	0.	26.	0.	1.	0.	11.72
.24	.00	1.72	.00	.000	.013	.000	.000	1.72	2.50
.000103	0.	0.	0.	2	17	0	.00	7.50	10.00

*SECNO 2146.600

2146.60	3.45	5.20	2.79	.00	5.25	.05	.00	.00	11.75
45.	0.	45.	0.	0.	26.	0.	1.	0.	11.75
.24	.00	1.74	.00	.000	.013	.000	.000	1.75	2.50
.000106	8.	8.	8.	0	17	0	.00	7.50	10.00

*SECNO 2146.600

2146.60	3.39	5.14	3.35	.00	5.29	.15	.00	.04	11.75
45.	0.	45.	0.	0.	14.	0.	1.	0.	11.75
.24	.00	3.12	.00	.000	.013	.000	.000	1.75	4.72
.000586	0.	0.	0.	2	14	0	.00	5.28	9.99

*SECNO 2146.600

2146.60	3.52	5.27	2.78	.00	5.31	.05	.00	.02	11.75
45.	0.	45.	0.	0.	26.	0.	1.	0.	11.75
.24	.00	1.71	.00	.000	.013	.000	.000	1.75	2.50
.000101	0.	0.	0.	2	17	0	.00	7.50	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2078.300

2078.30	3.43	5.41	3.01	.00	5.46	.05	.00	.02	11.98
45.	0.	45.	0.	0.	26.	0.	1.	0.	11.98
.25	.00	1.75	.00	.000	.013	.000	.000	1.98	2.50
.000108	0.	0.	0.	2	17	0	.00	7.50	10.00

*SECNO 2049.700

2049.70	3.33	5.41	3.12	.00	5.46	.05	.00	.00	12.08
45.	0.	45.	0.	0.	25.	0.	2.	0.	12.08
.25	.00	1.80	.00	.000	.013	.000	.000	2.08	2.50
.000116	29.	29.	29.	0	17	0	.00	7.50	10.00

*SECNO 2049.600

2049.60	3.26	5.34	3.69	.00	5.51	.17	.00	.05	12.08
45.	0.	45.	0.	0.	14.	0.	2.	0.	12.08
.25	.00	3.27	.00	.000	.013	.000	.000	2.08	4.72
.000668	0.	0.	0.	2	11	0	.00	5.27	9.99

*SECNO 2049.600

2049.60	3.41	5.49	3.11	.00	5.53	.05	.00	.02	12.08
45.	0.	45.	0.	0.	26.	0.	2.	0.	12.08
.25	.00	1.76	.00	.000	.013	.000	.000	2.08	2.50
.000110	0.	0.	0.	2	17	0	.00	7.50	10.00

*SECNO 2014.800

2014.80	3.29	5.49	3.23	.00	5.54	.05	.00	.00	12.20
45.	0.	45.	0.	0.	25.	0.	2.	0.	12.20
.26	.00	1.82	.00	.000	.013	.000	.000	2.20	2.50
.000120	35.	35.	35.	1	17	0	.00	7.50	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2014.700

2014.70	3.21	5.41	3.81	.00	5.59	.17	.00	.05	12.20
45.	0.	45.	0.	0.	13.	0.	2.	0.	12.20
.26	.00	3.34	.00	.000	.013	.000	.000	2.20	4.72
.000704	0.	0.	0.	2	11	0	.00	5.27	9.99

*SECNO 2014.700

2014.70	3.36	5.56	3.24	.00	5.61	.05	.00	.02	12.20
45.	0.	45.	0.	0.	25.	0.	2.	0.	12.20
.26	.00	1.79	.00	.000	.013	.000	.000	2.20	2.50
.000114	0.	0.	0.	2	17	0	.00	7.50	10.00

*SECNO 1974.800

1974.80	3.23	5.57	3.37	.00	5.62	.05	.00	.00	12.34
45.	0.	45.	0.	0.	24.	0.	2.	0.	12.34
.26	.00	1.86	.00	.000	.013	.000	.000	2.34	2.51
.000127	40.	40.	40.	1	17	0	.00	7.49	10.00

*SECNO 1974.700

1974.70	3.15	5.49	3.94	.00	5.67	.18	.00	.05	12.34
45.	0.	45.	0.	0.	13.	0.	2.	0.	12.34
.26	.00	3.43	.00	.000	.013	.000	.000	2.34	4.72
.000757	0.	0.	0.	2	8	0	.00	5.27	9.99

*SECNO 1974.700

1974.70	3.31	5.65	3.38	.00	5.70	.05	.00	.03	12.34
45.	0.	45.	0.	0.	25.	0.	2.	0.	12.34
.26	.00	1.82	.00	.000	.013	.000	.000	2.34	2.5 0
.000119	0.	0.	0.	2	17	0	.00	7.50	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1935.300

1935.30	3.18	5.65	3.50	.00	5.70	.06	.00	.00	12.47
45.	0.	45.	0.	0.	24.	0.	2.	0.	12.47
.27	.00	1.89	.00	.000	.013	.000	.000	2.47	2.51
.000132	39.	39.	39.	1	17	0	.00	7.49	10.00

*SECNO 1935.200

1935.20	3.10	3.97	4.08	.00	5.78	.19	.00	.05	12.47
45.	0.	45.	0.	0.	13.	0.	2.	0.	12.47
.27	.00	3.50	.00	.000	.013	.000	.000	2.47	4.72
.000802	0.	0.	0.	2	8	0	.00	5.27	9.99

_CNO 1935.200

1935.20	3.26	5.73	3.51	.00	5.78	.05	.00	.03	12.47
45.	0.	45.	0.	0.	24.	0.	2.	0.	12.47
.27	.00	1.84	.00	.000	.013	.000	.000	2.47	2.50
.000124	0.	0.	0.	2	17	0	.00	7.50	10.00

*SECNO 1918.100

1918.10	3.20	5.73	3.56	.00	5.79	.05	.00	.00	12.53
45.	0.	45.	0.	0.	24.	0.	2.	0.	12.53
.27	.00	1.87	.00	.000	.013	.000	.000	2.53	2.51
.000129	17.	17.	17.	0	17	0	.00	7.49	10.00

*SECNO 1918.000

1918.00	3.12	5.65	4.14	.00	5.84	.19	.00	.05	12.53
45.	0.	45.	0.	0.	13.	0.	2.	0.	12.53
.27	.00	3.46	.00	.000	.013	.000	.000	2.53	4.72
.000778	0.	0.	0.	2	8	0	.00	5.27	9.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1918.000

1918.00	3.28	5.81	3.57	.00	5.87	.05	.00	.03	12.53
45.	0.	45.	0.	0.	25.	0.	2.	0.	12.53
.27	.00	1.83	.00	.000	.013	.000	.000	2.53	2.50
.000121	0.	0.	0.	2	17	0	.00	7.50	10.00

*SECNO 1900.900

1900.90	3.23	5.82	3.62	.00	5.87	.05	.00	.00	12.59
45.	0.	45.	0.	0.	24.	0.	2.	0.	12.59
.27	.00	1.86	.00	.000	.013	.000	.000	2.59	2.51
.000127	17.	17.	17.	0	17	0	.00	7.49	10.00

*SECNO 1900.800

1900.80	3.15	5.74	4.19	.00	5.92	.18	.00	.05	12.59
45.	0.	45.	0.	0.	13.	0.	2.	0.	12.59
.27	.00	3.42	.00	.000	.013	.000	.000	2.59	4.72
.000757	0.	0.	0.	2	8	0	.00	5.27	9.99

*SECNO 1900.800

1900.80	3.31	5.90	3.63	.00	5.95	.05	.00	.03	12.59

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.27	.00	1.82	.00	.000	.013	.000	.000	2.59	2.50
.000119	0.	0.	0.	2	17	0	.00	7.50	10.00

SECNO 1883.700

1883.70	3.25	5.90	3.68	.00	5.95	.05	.00	.00	12.65
45.	0.	45.	0.	0.	24.	0.	2.	0.	12.65
.28	.00	1.85	.00	.000	.013	.000	.000	2.65	2.50
.000124	17.	17.	17.	0	17	0	.00	7.50	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1883.600

1883.60	3.17	5.82	4.25	.00	6.00	.18	.00	.05	12.65
45.	0.	45.	0.	0.	13.	0.	2.	0.	12.65
.28	.00	3.39	.00	.000	.013	.000	.000	2.65	4.72
.000738	0.	0.	0.	2	8	0	.00	5.27	9.99

*SECNO 1883.600

1883.60	3.33	5.98	3.69	.00	6.03	.05	.00	.03	12.65
45.	0.	45.	0.	0.	25.	0.	2.	0.	12.65
.28	.00	1.81	.00	.000	.013	.000	.000	2.65	2.50
.000117	0.	0.	0.	2	17	0	.00	7.50	10.00

SECNO 1866.500

1866.50	3.28	5.98	3.73	.00	6.03	.05	.00	.00	12.70
45.	0.	45.	0.	0.	25.	0.	2.	0.	12.70
.28	.00	1.83	.00	.000	.013	.000	.000	2.70	2.50
.000121	17.	17.	17.	0	17	0	.00	7.50	10.00

*SECNO 1866.400

1866.40	3.20	5.90	4.31	.00	6.08	.17	.00	.05	12.70
45.	0.	45.	0.	0.	13.	0.	2.	0.	12.70
.28	.00	3.35	.00	.000	.013	.000	.000	2.70	4.72
.000714	0.	0.	0.	2	11	0	.00	5.27	9.99

*SECNO 1866.400

1866.40	3.35	6.05	3.74	.00	6.10	.05	.00	.02	12.70
45.	0.	45.	0.	0.	25.	0.	2.	0.	12.70
.28	.00	1.79	.00	.000	.013	.000	.000	2.70	2.50
.000115	0.	0.	0.	2	17	0	.00	7.50	10.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1831.000

1831.00	3.23	6.05	3.85	.00	6.11	.05	.00	.00	12.82

45.	0.	45.	0.	0.	24.	0.	2.	0.	12.82
.29	.00	1.85	.00	.000	.013	.000	.000	2.82	2.51
.000126	35.	35.	35.	1	17	0	.00	7.49	10.00

*SECNO 1831.000

1831.00	3.16	5.98	4.42	.00	6.16	.18	.00	.05	12.82
45.	0.	45.	0.	0.	13.	0.	2.	0.	12.82
.29	.00	3.41	.00	.000	.013	.000	.000	2.82	4.72
.000749	0.	0.	0.	2	8	0	.00	5.27	9.99

*SECNO 1830.900

1830.90	3.31	6.13	3.86	.00	6.19	.05	.00	.03	12.82
45.	0.	45.	0.	0.	25.	0.	2.	0.	12.82
.29	.00	1.81	.00	.000	.013	.000	.000	2.82	2.50
.000118	0.	0.	0.	2	17	0	.00	7.50	10.00

*SECNO 1823.000

1823.00	3.28	6.13	3.88	.00	6.19	.05	.00	.00	12.85
45.	0.	45.	0.	0.	25.	0.	2.	0.	12.85
.29	.00	1.83	.00	.000	.013	.000	.000	2.85	2.50
.000121	8.	8.	8.	0	17	0	.00	7.50	10.00

*SECNO 1823.000

1823.00	3.21	6.06	4.46	.00	6.24	.17	.00	.05	12.85
45.	0.	45.	0.	0.	13.	0.	2.	0.	12.85
.29	.00	3.34	.00	.000	.013	.000	.000	2.85	4.72
.000707	0.	0.	0.	2	11	0	.00	5.27	9.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1822.900

1822.90	3.36	6.21	3.89	.00	6.26	.05	.00	.02	12.85
45.	0.	45.	0.	0.	25.	0.	2.	0.	12.85
.29	.00	1.79	.00	.000	.013	.000	.000	2.85	2.50
.000114	0.	0.	0.	2	17	0	.00	7.50	10.00

PROFILE FOR STREAM STATION 1800 TO

ITED POINTS (BY PRIORITY) E-ENERGY,W-WATER SURFACE,I-INVERT,C-CRITICAL W.S.,L-LEFT BANK,R-RIGHT BANK,M-LOWER END STA

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T2        STORM DITCH
T3        STATION       0 TO         1800
J1              2                                   0            6.21
J2      0               0                           0
NC   0.08     0.08    0.013     0.2      0.4
QT      1       41
X11823.0      6.00     0.00    10.00     0.00     0.00     0.00
GR12.838      0.00     9.34     0.01     9.34     2.50     2.84     2.51     2.84    10.00
GR12.838     10.00
X1  1823     10.00     0.00    10.00     0.04     0.04     0.04                        1
GR12.838      0.00     9.34     0.01     9.34     2.50     9.84     2.51     9.84     4.71
GR5.3386      4.72     5.34     6.00     2.84     6.01     2.84     9.99    12.84    10.00
X11822.9      6.00     0.00    10.00     0.04     0.04     0.04
GR12.838      0.00     9.34     0.01     9.34     2.50     2.84     2.51     2.84    10.00
GR12.838     10.00
X11787.0      6.00     0.00    10.00    35.92    35.92    35.92
GR12.960      0.00     9.46     0.01     9.46     2.50     2.96     2.51     2.96    10.00
GR12.960     10.00
X1  1787     10.00     0.00    10.00     0.04     0.04     0.04
GR12.961      0.00     9.46     0.01     9.46     2.50     2.96     2.51     2.96     4.71
GR 5.461      4.72     5.46     6.00     2.96     6.01     2.96     9.99    12.96    10.00
X11786.9      6.00     0.00    10.00     0.04     0.04     0.04
GR12.961      0.00     9.46     0.01     9.46     2.50     2.96     2.51     2.96    10.00
GR12.961     10.00
X11769.0      6.00     0.00    10.00    17.92    17.92    17.92
GR            0.00     9.52     0.01     9.52     2.50     3.02     2.51     3.02    10.00
GR           10.00
X1  1769     10.00     0.00    10.00     0.04     0.04     0.04
GR13.022      0.00     9.52     0.01     9.52     2.50    10.02     2.51    10.02     4.71
GR5.5222      4.72     5.52     6.00     3.02     6.01     3.02     9.99    13.02    10.00
X11768.9      6.00     0.00    10.00     0.04     0.04     0.04
GR13.022      0.00     9.52     0.01     9.52     2.50     3.02     2.51     3.02    10.00
GR13.022     10.00
X11751.0      6.00     0.00    10.00    17.92    17.92    17.92
GR13.083      0.00     9.58     0.01     9.58     2.50     3.08     2.51     3.08    10.00
GR13.083     10.00
X1  1751     10.00     0.00    10.00     0.04     0.04     0.04
GR13.083      0.00     9.58     0.01     9.58     2.50    10.08     2.51    10.08     4.71
GR5.5834      4.72     5.58     6.00     3.08     6.01     3.08     9.99    13.08    10.00
X11750.9      6.00     0.00    10.00     0.04     0.04     0.04
GR13.083      0.00     9.58     0.01     9.58     2.50     3.08     2.51     3.08    10.00
GR13.083     10.00
X11745.5      6.00     0.00    14.75     5.46     5.46     5.46
GR13.102      0.00    12.10     0.01    12.10    10.75     3.10    10.76     3.10    14.75
GR13.102     14.75
X1  1652      6.00     0.00    14.75    93.50    93.50    93.50
GR 13.42      0.00    12.42     0.01    12.42    10.75     3.42    10.76     3.42    14.75
GR 13.42     14.75
X11643.5      6.00     0.00    14.75     8.50     8.50     8.50
GR13.448      0.00    12.45     0.01    12.45    10.75     3.45    10.76     3.45    14.75
GR13.448     14.75
X11632.6      6.00     0.00    10.00   118.31   118.31   118.31
GR14.648      0.00    10.65     0.01    10.65     2.10     4.65     2.11     4.65    10.00
GR14.648     10.00
X11632.6     10.00     0.00    10.00     0.04     0.04     0.04
GR14.649      0.00    10.65     0.01    10.65     2.10    11.15     2.11    11.15     3.56
GR7.1491      3.57     7.15     5.40     4.65     5.41     4.65     9.99    14.65    10.00
X11632.5      6.00     0.00    10.00     0.04     0.04     0.04
GR14.649      0.00    10.65     0.01    10.65     2.10     4.65     2.11     4.65    10.00
GR14.649     10.00
X11615.6      6.00     0.00    10.00    27.85    27.85    27.85
GR14.706      0.00    10.71     0.01    10.71     2.10     4.71     2.11     4.71    10.00
GR14.706     10.00
X11615.6     10.00     0.00    10.00     0.04     0.04     0.04
GR14.706      0.00    10.71     0.01    10.71     2.10    11.21     2.11    11.21     3.56
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X11615.5	6.00	0.00	10.00	0.04	0.04	0.04			
GR14.707	0.00	10.71	0.01	10.71	2.10	4.71	2.11	4.71	10.00
GR14.707	10.00								
X11597.6	6.00	0.00	10.00	34.92	34.92	34.92			
GR14.767	0.00	10.77	0.01	10.77	2.10	4.77	2.11	4.77	10.00
GR14.767	10.00								
X11597.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR14.768	0.00	10.77	0.01	10.77	2.10	11.27	2.11	11.27	3.56
GR7.2681	3.57	7.27	5.40	4.77	5.41	4.77	9.99	14.77	10.00
X11597.5	6.00	0.00	10.00	0.04	0.04	0.04			
GR14.768	0.00	10.77	0.01	10.77	2.10	4.77	2.11	4.77	10.00
GR14.768	10.00								
X11587.6	6.00	0.00	10.00	27.92	27.92	27.92			
GR14.801	0.00	10.80	0.01	10.80	2.10	4.80	2.11	4.80	10.00
GR14.801	10.00								
X11587.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR14.802	0.00	10.80	0.01	10.80	2.10	11.30	2.11	11.30	3.56
GR7.3021	3.57	7.30	5.40	4.80	5.41	4.80	9.99	14.80	10.00
X11587.5	6.00	0.00	10.00	0.04	0.04	0.04			
GR14.802	0.00	10.80	0.01	10.80	2.10	4.80	2.11	4.80	10.00
GR14.802	10.00								
X11548.6	6.00	0.00	10.00	48.92	48.92	48.92			
GR14.934	0.00	10.93	0.01	10.93	2.10	4.93	2.11	4.93	10.00
GR14.934	10.00								
X11548.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR14.934	0.00	10.93	0.01	10.93	2.10	11.43	2.11	11.43	3.56
GR7.4347	3.57	7.43	5.40	4.93	5.41	4.93	9.99	14.93	10.00
X11548.5	6.00	0.00	10.00	0.04	0.04	0.04			
GR14.934	0.00	10.93	0.01	10.93	2.10	4.93	2.11	4.93	10.00
GR14.934	10.00								
X11508.6	6.00	0.00	10.00	78.92	78.92	78.92			
GR15.070	0.00	11.07	0.01	11.07	2.10	5.07	2.11	5.07	10.00
GR15.070	10.00								
X11508.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR15.070	0.00	11.07	0.01	11.07	2.10	11.57	2.11	11.57	3.56
GR7.5707	3.57	7.57	5.40	5.07	5.41	5.07	9.99	15.07	10.00
X11508.5	6.00	0.00	10.00	0.04	0.04	0.04			
GR15.070	0.00	11.07	0.01	11.07	2.10	5.07	2.11	5.07	10.00
GR15.070	10.00								
X11468.6	6.00	0.00	10.00	79.92	79.92	79.92			
GR15.206	0.00	11.21	0.01	11.21	2.10	5.21	2.11	5.21	10.00
GR15.206	10.00								
X11468.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR15.206	0.00	11.21	0.01	11.21	2.10	11.71	2.11	11.71	3.56
GR7.7067	3.57	7.71	5.40	5.21	5.41	5.21	9.99	15.21	10.00
X11468.5	6.00	0.00	10.00	0.04	0.04	0.04			
GR15.206	0.00	11.21	0.01	11.21	2.10	5.21	2.11	5.21	10.00
GR15.206	10.00								
X11428.6	6.00	0.00	10.00	79.92	79.92	79.92			
GR15.342	0.00	11.34	0.01	11.34	2.10	5.34	2.11	5.34	10.00
GR15.342	10.00								
X11428.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR15.342	0.00	11.34	0.01	11.34	2.10	11.84	2.11	11.84	3.56
GR7.8427	3.57	7.84	5.40	5.34	5.41	5.34	9.99	15.34	10.00
X11428.5	6.00	0.00	10.00	0.04	0.04	0.04			
GR15.342	0.00	11.34	0.01	11.34	2.10	5.34	2.11	5.34	10.00
GR15.342	10.00								
X11388.6	6.00	0.00	10.00	79.92	79.92	79.92			
GR15.478	0.00	11.48	0.01	11.48	2.10	5.48	2.11	5.48	10.00
GR15.478	10.00								
X11388.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR15.478	0.00	11.48	0.01	11.48	2.10	11.98	2.11	11.98	3.56
GR7.9787	3.57	7.98	5.40	5.48	5.41	5.48	9.99	15.48	10.00
X11388.5	6.00	0.00	10.00	0.04	0.04	0.04			
GR15.478	0.00	11.48	0.01	11.48	2.10	5.48	2.11	5.48	10.00

X11348.6	6.00	0.00	10.00	79.92	79.92	79.92			
GR15.614	0.00	11.61	0.01	11.61	2.10	5.61	2.11	5.61	10.00
GR15.614	10.00								
X11348.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR15.614	0.00	11.61	0.01	11.61	2.10	12.11	2.11	12.11	3.56
GR8.1147	3.57	8.11	5.40	5.61	5.41	5.61	9.99	15.61	10.00
X11348.5	6.00	0.00	10.00	0.04	0.04	0.04			
GR15.614	0.00	11.61	0.01	11.61	2.10	5.61	2.11	5.61	10.00
GR15.614	10.00								
X11313.1	6.00	0.00	10.00	75.42	75.42	75.42			
GR15.735	0.00	11.74	0.01	11.74	2.10	5.74	2.11	5.74	10.00
GR15.735	10.00								
X11313.1	10.00	0.00	10.00	0.04	0.04	0.04			
GR15.735	0.00	11.74	0.01	11.74	2.10	12.24	2.11	12.24	3.56
GR8.2354	3.57	8.24	5.40	5.74	5.41	5.74	9.99	15.74	10.00
X11313.0	6.00	0.00	10.00	0.04	0.04	0.04			
GR15.735	0.00	11.74	0.01	11.74	2.10	5.74	2.11	5.74	10.00
GR15.735	10.00								
X11278.1	6.00	0.00	10.00	70.40	70.40	70.40			
GR15.854	0.00	11.85	0.01	11.85	2.10	5.85	2.11	5.85	10.00
GR15.854	10.00								
X11278.1	10.00	0.00	10.00	0.04	0.04	0.04			
GR15.854	0.00	11.85	0.01	11.85	2.10	12.35	2.11	12.35	3.56
GR8.3543	3.57	8.35	5.40	5.85	5.41	5.85	9.99	15.85	10.00
X11278.0	6.00	0.00	10.00	0.04	0.04	0.04			
GR15.854	0.00	11.85	0.01	11.85	2.10	5.85	2.11	5.85	10.00
GR15.854	10.00								
X11247.1	6.00	0.00	10.00	65.88	65.88	65.88			
GR15.959	0.00	11.96	0.01	11.96	2.10	5.96	2.11	5.96	10.00
GR15.959	10.00								
X11247.1	10.00	0.00	10.00	0.04	0.04	0.04			
GR15.959	0.00	11.96	0.01	11.96	2.10	12.46	2.11	12.46	3.56
GR8.4596	3.57	8.46	5.40	5.96	5.41	5.96	9.99	15.96	10.00
X11247.1	6.00	0.00	10.00	0.04	0.04	0.04			
GR15.959	0.00	11.96	0.01	11.96	2.10	5.96	2.11	5.96	10.00
GR15.959	10.00								
X11216.2	6.00	0.00	10.00	61.85	61.85	61.85			
GR16.064	0.00	12.06	0.01	12.06	2.10	6.06	2.11	6.06	10.00
GR16.064	10.00								
X11216.2	10.00	0.00	10.00	0.04	0.04	0.04			
GR16.064	0.00	12.06	0.01	12.06	2.10	12.56	2.11	12.56	3.56
GR8.5649	3.57	8.56	5.40	6.06	5.41	6.06	9.99	16.06	10.00
X11216.1	6.00	0.00	10.00	0.04	0.04	0.04			
GR16.065	0.00	12.07	0.01	12.07	2.10	6.07	2.11	6.07	10.00
GR16.065	10.00								
QT 1	37								
X11185.2	6.00	0.00	10.00	61.88	61.88	61.88			
GR16.170	0.00	12.17	0.01	12.17	2.10	6.17	2.11	6.17	10.00
GR16.170	10.00								
X11185.1	10.00	0.00	10.00	0.04	0.04	0.04			
GR16.170	0.00	12.17	0.01	12.17	2.10	12.67	2.11	12.67	3.56
GR8.6703	3.57	8.67	5.40	6.17	5.41	6.17	9.99	16.17	10.00
X11185.1	6.00	0.00	10.00	0.04	0.04	0.04			
GR16.170	0.00	12.17	0.01	12.17	2.10	6.17	2.11	6.17	10.00
GR16.170	10.00								
X11158.2	6.00	0.00	10.00	57.93	57.93	57.93			
GR16.262	0.00	12.26	0.01	12.26	2.10	6.26	2.11	6.26	10.00
GR16.262	10.00								
X11158.1	10.00	0.00	10.00	0.04	0.04	0.04			
GR16.262	0.00	12.26	0.01	12.26	2.10	12.76	2.11	12.76	3.56
GR8.7621	3.57	8.76	5.40	6.26	5.41	6.26	9.99	16.26	10.00
X11158.1	6.00	0.00	10.00	0.04	0.04	0.04			
GR16.262	0.00	12.26	0.01	12.26	2.10	6.26	2.11	6.26	10.00
GR16.262	10.00								
X11148.1	6.00	0.00	10.00	36.98	36.98	36.98			

GR16.296	0.00	12.30	0.01	12.30	2.10	6.30	2.11	6.30	10.00
GR16.296	10.00								
X11148.1	10.00	0.00	10.00	0.04	0.04	0.04			
GR16.296	0.00	12.30	0.01	12.30	2.10	12.80	2.11	12.80	3.56
GR8.7963	3.57	8.80	5.40	6.30	5.41	6.30	9.99	16.30	10.00
X11148.0	6.00	0.00	10.00	0.04	0.04	0.04			
GR16.296	0.00	12.30	0.01	12.30	2.10	6.30	2.11	6.30	10.00
GR16.296	10.00								
X11110.3	6.00	0.00	10.00	47.80	47.80	47.80			
GR16.424	0.00	12.42	0.01	12.42	2.10	6.42	2.11	6.42	10.00
GR16.424	10.00								
X11110.3	10.00	0.00	10.00	0.04	0.04	0.04			
GR16.424	0.00	12.42	0.01	12.42	2.10	12.92	2.11	12.92	3.56
GR8.9249	3.57	8.92	5.40	6.42	5.41	6.42	9.99	16.42	10.00
X11110.2	6.00	0.00	10.00	0.04	0.04	0.04			
GR16.425	0.00	12.43	0.01	12.43	2.10	6.43	2.11	6.43	10.00
GR16.425	10.00								
X11070.8	6.00	0.00	10.00	77.24	77.24	77.24			
GR16.559	0.00	12.56	0.01	12.56	2.10	6.56	2.11	6.56	10.00
GR16.559	10.00								
X11070.8	10.00	0.00	10.00	0.04	0.04	0.04			
GR16.559	0.00	12.56	0.01	12.56	2.10	13.06	2.11	13.06	3.56
GR9.0592	3.57	9.06	5.40	6.56	5.41	6.56	9.99	16.56	10.00
X11070.7	6.00	0.00	10.00	0.04	0.04	0.04			
GR16.559	0.00	12.56	0.01	12.56	2.10	6.56	2.11	6.56	10.00
GR16.559	10.00								
X11031.3	6.00	0.00	10.00	78.93	78.93	78.93			
GR16.693	0.00	12.69	0.01	12.69	2.10	6.69	2.11	6.69	10.00
GR16.693	10.00								
X11031.3	10.00	0.00	10.00	0.04	0.04	0.04			
GR16.693	0.00	12.69	0.01	12.69	2.10	13.19	2.11	13.19	3.56
GR9.1935	3.57	9.19	5.40	6.69	5.41	6.69	9.99	16.69	10.00
X11031.2	6.00	0.00	10.00	0.04	0.04	0.04			
GR16.693	0.00	12.69	0.01	12.69	2.10	6.69	2.11	6.69	10.00
GR16.693	10.00								
X1991.84	6.00	0.00	10.00	39.42	39.42	39.42			
GR16.827	0.00	12.33	0.01	12.33	1.75	6.83	1.76	6.83	10.00
GR16.827	10.00								
X1 991.8	10.00	0.00	10.00	0.04	0.04	0.04			1.00
GR16.827	0.00	12.33	0.01	12.33	1.75	12.83	1.76	12.83	3.26
GR9.3278	3.27	9.33	4.65	6.83	4.66	6.83	9.99	16.83	10.00
X1991.76	6.00	0.00	10.00	0.04	0.04	0.04			
GR16.828	0.00	12.33	0.01	12.33	1.75	6.83	1.76	6.83	10.00
GR16.828	10.00								
X1952.34	6.00	0.00	10.00	39.42	39.42	39.42			
GR16.962	0.00	12.46	0.01	12.46	1.75	6.96	1.76	6.96	10.00
GR16.962	10.00								
X1 952.3	10.00	0.00	10.00	0.04	0.04	0.04			
GR16.962	0.00	12.46	0.01	12.46	1.75	12.96	1.76	12.96	3.26
GR9.4621	3.27	9.46	4.65	6.96	4.66	6.96	9.99	16.96	10.00
X1952.26	6.00	0.00	10.00	0.04	0.04	0.04			
GR16.962	0.00	12.46	0.01	12.46	1.75	6.96	1.76	6.96	10.00
GR16.962	10.00								
X1912.83	6.00	0.00	10.00	39.43	39.43	39.43			
GR17.096	0.00	12.60	0.01	12.60	1.75	7.10	1.76	7.10	10.00
GR17.096	10.00								
X1912.79	10.00	0.00	10.00	0.04	0.04	0.04			
GR17.096	0.00	12.60	0.01	12.60	1.75	13.10	1.76	13.10	3.26
GR9.5965	3.27	9.60	4.65	7.10	4.66	7.10	9.99	17.10	10.00
X1912.75	6.00	0.00	10.00	0.04	0.04	0.04			
GR17.096	0.00	12.60	0.01	12.60	1.75	7.10	1.76	7.10	10.00
GR17.096	10.00								
X1873.33	6.00	0.00	10.00	39.42	39.42	39.42			
GR17.230	0.00	12.73	0.01	12.73	1.75	7.23	1.76	7.23	10.00
GR17.230	10.00								
X1873.29	10.00	0.00	10.00	0.04	0.04	0.04			

GR9.7308	3.27	9.73	4.65	7.23	4.66	7.23	9.99	17.23	10.00
X1873.25	6.00	0.00	10.00	0.04	0.04	0.04			
GR17.230	0.00	12.73	0.01	12.73	1.75	7.23	1.76	7.23	10.00
GR17.230	10.00								
X1833.83	6.00	0.00	10.00	39.42	39.42	39.42			
GR17.364	0.00	12.86	0.01	12.86	1.75	7.36	1.76	7.36	10.00
GR17.364	10.00								
X1833.79	10.00	0.00	10.00	0.04	0.04	0.04			
GR17.365	0.00	12.87	0.01	12.87	1.75	13.37	1.76	13.37	3.26
GR9.8651	3.27	9.87	4.65	7.37	4.66	7.37	9.99	17.37	10.00
X1833.75	6.00	0.00	10.00	0.04	0.04	0.04			1.00
GR17.365	0.00	12.87	0.01	12.87	1.75	7.37	1.76	7.37	10.00
GR17.365	10.00								
X1794.32	6.00	0.00	10.00	39.43	39.43	39.43			
GR17.499	0.00	13.00	0.01	13.00	1.75	7.50	1.76	7.50	10.00
GR17.499	10.00								
X1794.28	10.00	0.00	10.00	0.04	0.04	0.04			
GR17.499	0.00	13.00	0.01	13.00	1.75	13.50	1.76	13.50	3.26
GR9.9994	3.27	10.00	4.65	7.50	4.66	7.50	9.99	17.50	10.00
X1794.24	6.00	0.00	10.00	0.04	0.04	0.04			
GR17.499	0.00	13.00	0.01	13.00	1.75	7.50	1.76	7.50	10.00
GR17.499	10.00								
X1754.82	6.00	0.00	10.00	39.42	39.42	39.42			
GR17.633	0.00	13.13	0.01	13.13	1.75	7.63	1.76	7.63	10.00
GR17.633	10.00								
X1754.78	10.00	0.00	10.00	0.04	0.04	0.04			
GR17.633	0.00	13.13	0.01	13.13	1.75	13.63	1.76	13.63	3.26
GR10.133	3.27	10.13	4.65	7.63	4.66	7.63	9.99	17.63	10.00
X1754.74	6.00	0.00	10.00	0.04	0.04	0.04			
GR17.633	0.00	13.13	0.01	13.13	1.75	7.63	1.76	7.63	10.00
GR17.633	10.00								
QT 1	33								
X1725.32	6.00	0.00	10.00	29.42	29.42	29.42			
GR17.733	0.00	13.23	0.01	13.23	1.75	7.73	1.76	7.73	10.00
GR17.733	10.00								
X1725.28	10.00	0.00	10.00	0.04	0.04	0.04			
GR17.734	0.00	13.23	0.01	13.23	1.75	13.73	1.76	13.73	3.26
GR10.234	3.27	10.23	4.65	7.73	4.66	7.73	9.99	17.73	10.00
X1725.24	6.00	0.00	10.00	0.04	0.04	0.04			
GR17.734	0.00	13.23	0.01	13.23	1.75	7.73	1.76	7.73	10.00
GR17.734	10.00								
X1715.32	6.00	0.00	10.00	9.92	9.92	9.92			
GR17.767	0.00	13.27	0.01	13.27	1.75	7.77	1.76	7.77	10.00
GR17.767	10.00								
X1715.28	10.00	0.00	10.00	0.04	0.04	0.04			
GR17.768	0.00	13.27	0.01	13.27	1.75	13.77	1.76	13.77	3.26
GR10.268	3.27	10.27	4.65	7.77	4.66	7.77	9.99	17.77	10.00
X1715.24	6.00	0.00	10.00	0.04	0.04	0.04			
GR17.768	0.00	13.27	0.01	13.27	1.75	7.77	1.76	7.77	10.00
GR17.768	10.00								
X1675.04	6.00	0.00	10.00	40.20	40.20	40.20			
GR17.904	0.00	13.40	0.01	13.40	1.75	7.90	1.76	7.90	10.00
GR17.904	10.00								
X1 675	10.00	0.00	10.00	0.04	0.04	0.04			1.00
GR17.905	0.00	13.41	0.01	13.41	1.75	13.91	1.76	13.91	3.26
GR10.405	3.27	10.41	4.65	7.91	4.66	7.91	9.99	17.91	10.00
X1674.96	6.00	0.00	10.00	0.04	0.04	0.04			1.00
GR17.905	0.00	13.41	0.01	13.41	1.75	7.91	1.76	7.91	10.00
GR17.905	10.00								
X1636.04	6.00	0.00	10.00	38.92	38.92	38.92			
GR18.037	0.00	13.54	0.01	13.54	1.75	8.04	1.76	8.04	10.00
GR18.037	10.00								
X1 636	10.00	0.00	10.00	0.04	0.04	0.04			
GR18.037	0.00	13.54	0.01	13.54	1.75	14.04	1.76	14.04	3.26
GR10.537	3.27	10.54	4.65	8.04	4.66	8.04	9.99	18.04	10.00

GR18.037	0.00	13.54	0.01	13.54	1.75	8.04	1.76	8.04	10.00
GR18.037	10.00								
X1 596.8	6.00	0.00	10.00	39.16	39.16	39.16			
GR18.170	0.00	13.67	0.01	13.67	1.75	8.17	1.76	8.17	10.00
GR18.170	10.00								
X1596.76	10.00	0.00	10.00	0.04	0.04	0.04			
GR18.171	0.00	13.67	0.01	13.67	1.75	14.17	1.76	14.17	3.26
GR10.671	3.27	10.67	4.65	8.17	4.66	8.17	9.99	18.17	10.00
X1596.72	6.00	0.00	10.00	0.04	0.04	0.04			
GR18.171	0.00	13.67	0.01	13.67	1.75	8.17	1.76	8.17	10.00
GR18.171	10.00								
X1 557.3	6.00	0.00	10.00	39.42	39.42	39.42			
GR18.305	0.00	13.81	0.01	13.81	1.75	8.31	1.76	8.31	10.00
GR18.305	10.00								
X1557.26	10.00	0.00	10.00	0.04	0.04	0.04			
GR18.305	0.00	13.81	0.01	13.81	1.75	14.31	1.76	14.31	3.26
GR10.805	3.27	10.81	4.65	8.31	4.66	8.31	9.99	18.31	10.00
X1557.22	6.00	0.00	10.00	0.04	0.04	0.04			
GR18.305	0.00	13.81	0.01	13.81	1.75	8.31	1.76	8.31	10.00
GR18.305	10.00								
X1 517.8	6.00	0.00	10.00	39.42	39.42	39.42			
GR18.439	0.00	13.94	0.01	13.94	1.75	8.44	1.76	8.44	10.00
GR18.439	10.00								
X1517.76	10.00	0.00	10.00	0.04	0.04	0.04			
GR18.439	0.00	13.94	0.01	13.94	1.75	14.44	1.76	14.44	3.26
GR10.939	3.27	10.94	4.65	8.44	4.66	8.44	9.99	18.44	10.00
X1517.72	6.00	0.00	10.00	0.04	0.04	0.04			
GR18.439	0.00	13.94	0.01	13.94	1.75	8.44	1.76	8.44	10.00
GR18.439	10.00								
X1478.04	6.00	0.00	10.00	39.68	39.68	39.68			
GR18.574	0.00	14.07	0.01	14.07	1.75	8.57	1.76	8.57	10.00
GR18.574	10.00								
X1 478	10.00	0.00	10.00	0.04	0.04	0.04			
GR18.574	0.00	14.07	0.01	14.07	1.75	14.57	1.76	14.57	3.26
GR11.074	3.27	11.07	4.65	8.57	4.66	8.57	9.99	18.57	10.00
X1477.96	6.00	0.00	10.00	0.04	0.04	0.04			
GR18.574	0.00	14.07	0.01	14.07	1.75	8.57	1.76	8.57	10.00
GR18.574	10.00								
X1438.79	6.00	0.00	10.00	39.17	39.17	39.17			
GR18.708	0.00	14.21	0.01	14.21	1.75	8.71	1.76	8.71	10.00
GR18.708	10.00								
X1438.75	10.00	0.00	10.00	0.04	0.04	0.04			
GR18.708	0.00	14.21	0.01	14.21	1.75	14.71	1.76	14.71	3.26
GR11.208	3.27	11.21	4.65	8.71	4.66	8.71	9.99	18.71	10.00
X1438.71	6.00	0.00	10.00	0.04	0.04	0.04			
GR18.708	0.00	14.21	0.01	14.21	1.75	8.71	1.76	8.71	10.00
GR18.708	10.00								
X1399.28	6.00	0.00	10.00	39.43	39.43	39.43			
GR18.842	0.00	14.34	0.01	14.34	1.75	8.84	1.76	8.84	10.00
GR18.842	10.00								
X1399.24	10.00	0.00	10.00	0.04	0.04	0.04			
GR18.842	0.00	14.34	0.01	14.34	1.75	14.84	1.76	14.84	3.26
GR11.342	3.27	11.34	4.65	8.84	4.66	8.84	9.99	18.84	10.00
X1 399.2	6.00	0.00	10.00	0.04	0.04	0.04			
GR18.842	0.00	14.34	0.01	14.34	1.75	8.84	1.76	8.84	10.00
GR18.842	10.00								
X1369.78	6.00	0.00	10.00	29.42	29.42	29.42			
GR18.942	0.00	14.44	0.01	14.44	1.75	8.94	1.76	8.94	10.00
GR18.942	10.00								
X1369.74	10.00	0.00	10.00	0.04	0.04	0.04			
GR18.942	0.00	14.44	0.01	14.44	1.75	14.94	1.76	14.94	3.26
GR11.442	3.27	11.44	4.65	8.94	4.66	8.94	9.99	18.94	10.00
X1 369.7	6.00	0.00	10.00	0.04	0.04	0.04			
GR18.943	0.00	14.44	0.01	14.44	1.75	8.94	1.76	8.94	10.00
GR18.943	10.00								

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
GR18.976	0.00	14.48	0.01	14.48	1.75	8.98	1.76	8.98	10.00
GR18.976	10.00								
X1359.74	10.00	0.00	10.00	0.04	0.04	0.04			
GR18.976	0.00	14.48	0.01	14.48	1.75	14.98	1.76	14.98	3.26
GR11.476	3.27	11.48	4.65	8.98	4.66	8.98	9.99	18.98	10.00
X1 359.7	6.00	0.00	10.00	0.04	0.04	0.04			
GR18.977	0.00	14.48	0.01	14.48	1.75	8.98	1.76	8.98	10.00
GR18.977	10.00								
X1 320.2	6.00	0.00	10.00	39.50	39.50	39.50			
GR19.111	0.00	14.61	0.01	14.61	1.75	9.11	1.76	9.11	10.00
GR19.111	10.00								
X1320.16	10.00	0.00	10.00	0.04	0.04	0.04			
GR19.111	0.00	14.61	0.01	14.61	1.75	15.11	1.76	15.11	3.26
GR11.611	3.27	11.61	4.65	9.11	4.66	9.11	9.99	19.11	10.00
X1320.12	6.00	0.00	10.00	0.04	0.04	0.04			
GR19.111	0.00	14.61	0.01	14.61	1.75	9.11	1.76	9.11	10.00
GR19.111	10.00								
QT 1	26								
X1283.64	6.00	0.00	10.00	36.48	36.48	36.48			
GR19.235	0.00	14.74	0.01	14.74	1.75	9.24	1.76	9.24	10.00
GR19.235	10.00								
X1 283.6	10.00	0.00	10.00	0.04	0.04	0.04			
GR19.235	0.00	14.74	0.01	14.74	1.75	15.24	1.76	15.24	3.26
GR11.735	3.27	11.74	4.65	9.24	4.66	9.24	9.99	19.24	10.00
X1283.56	6.00	0.00	10.00	0.04	0.04	0.04			
GR19.235	0.00	14.74	0.01	14.74	1.75	9.24	1.76	9.24	10.00
GR19.235	10.00								
X1246.98	6.00	0.00	10.00	36.58	36.58	36.58			
GR19.360	0.00	14.86	0.01	14.86	1.75	9.36	1.76	9.36	10.00
GR19.360	10.00								
X1246.94	10.00	0.00	10.00	0.04	0.04	0.04			
GR19.360	0.00	14.86	0.01	14.86	1.75	15.36	1.76	15.36	3.26
GR11.860	3.27	11.86	4.65	9.36	4.66	9.36	9.99	19.36	10.00
X1 246.9	6.00	0.00	10.00	0.04	0.04	0.04			
GR19.360	0.00	14.86	0.01	14.86	1.75	9.36	1.76	9.36	10.00
GR19.360	10.00								
X1210.34	6.00	0.00	10.00	36.56	36.56	36.56			
GR19.484	0.00	14.98	0.01	14.98	1.75	9.48	1.76	9.48	10.00
GR19.484	10.00								
X1 210.3	10.00	0.00	10.00	0.04	0.04	0.04			
GR19.484	0.00	14.98	0.01	14.98	1.75	15.48	1.76	15.48	3.26
GR11.984	3.27	11.98	4.65	9.48	4.66	9.48	9.99	19.48	10.00
X1210.26	6.00	0.00	10.00	0.04	0.04	0.04			
GR19.485	0.00	14.99	0.01	14.99	1.75	9.49	1.76	9.49	10.00
GR19.485	10.00								
X1173.65	6.00	0.00	10.00	36.61	36.61	36.61			
GR19.609	0.00	15.11	0.01	15.11	1.75	9.61	1.76	9.61	10.00
GR19.609	10.00								
X1173.61	10.00	0.00	10.00	0.04	0.04	0.04			
GR19.609	0.00	15.11	0.01	15.11	1.75	15.61	1.76	15.61	3.26
GR12.109	3.27	12.11	4.65	9.61	4.66	9.61	9.99	19.61	10.00
X1173.57	6.00	0.00	10.00	0.04	0.04	0.04			
GR19.609	0.00	15.11	0.01	15.11	1.75	9.61	1.76	9.61	10.00
GR19.609	10.00								
X1134.86	6.00	0.00	10.00	38.71	38.71	38.71			
GR19.741	0.00	15.24	0.01	15.24	1.75	9.74	1.76	9.74	10.00
GR19.741	10.00								
X1134.82	10.00	0.00	10.00	0.04	0.04	0.04			
GR19.741	0.00	15.24	0.01	15.24	1.75	15.74	1.76	15.74	3.26
GR12.241	3.27	12.24	4.65	9.74	4.66	9.74	9.99	19.74	10.00
X1134.78	6.00	0.00	10.00	0.04	0.04	0.04			
GR19.741	0.00	15.24	0.01	15.24	1.75	9.74	1.76	9.74	10.00
GR19.741	10.00								
X1 99.86	6.00	0.00	10.00	34.92	34.92	34.92			
GR19.860	0.00	15.36	0.01	15.36	1.75	9.86	1.76	9.86	10.00

GR19.860	10.00								
X1 99.82	10.00	0.00	10.00	0.04	0.04	0.04			
GR19.860	0.00	15.36	0.01	15.36	1.75	15.86	1.76	15.86	3.26
GR12.360	3.27	12.36	4.65	9.86	4.66	9.86	9.99	19.86	10.00
X1 99.78	6.00	0.00	10.00	0.04	0.04	0.04			
GR19.860	0.00	15.36	0.01	15.36	1.75	9.86	1.76	9.86	10.00
GR19.860	10.00								
X1 89.86	6.00	0.00	10.00	9.92	9.92	9.92			
GR19.894	0.00	15.39	0.01	15.39	1.75	9.89	1.76	9.89	10.00
GR19.894	10.00								
X1 89.82	10.00	0.00	10.00	0.04	0.04	0.04			
GR19.894	0.00	15.39	0.01	15.39	1.75	15.89	1.76	15.89	3.26
GR12.394	3.27	12.39	4.65	9.89	4.66	9.89	9.99	19.89	10.00
X1 89.78	6.00	0.00	10.00	0.04	0.04	0.04			
GR19.894	0.00	15.39	0.01	15.39	1.75	9.89	1.76	9.89	10.00
GR19.894	10.00								
X1 50.86	6.00	0.00	10.00	38.92	38.92	38.92			
GR20.027	0.00	15.53	0.01	15.53	1.75	10.03	1.76	10.03	10.00
GR20.027	10.00								
X1 50.82	10.00	0.00	10.00	0.04	0.04	0.04			
GR20.027	0.00	15.53	0.01	15.53	1.75	16.03	1.76	16.03	3.26
GR12.527	3.27	12.53	4.65	10.03	4.66	10.03	9.99	20.03	10.00
X1 50.78	6.00	0.00	10.00	0.04	0.04	0.04			
GR20.027	0.00	15.53	0.01	15.53	1.75	10.03	1.76	10.03	10.00
GR20.027	10.00								
X1 30.2	6.00	0.00	10.00	20.58	20.58	20.58			
GR20.097	0.00	15.60	0.01	15.60	1.75	10.10	1.76	10.10	10.00
GR20.097	10.00								
X1 30.16	10.00	0.00	10.00	0.04	0.04	0.04			
GR20.097	0.00	15.60	0.01	15.60	1.75	16.10	1.76	16.10	3.26
GR12.597	3.27	12.60	4.65	10.10	4.66	10.10	9.99	20.10	10.00
X1 30.12	6.00	0.00	10.00	0.04	0.04	0.04			
GR20.097	0.00	15.60	0.01	15.60	1.75	10.10	1.76	10.10	10.00
GR20.097	10.00								
X1 16.86	6.00	0.00	10.00	13.26	13.26	13.26			
GR20.142	0.00	15.64	0.01	15.64	1.75	10.14	1.76	10.14	10.00
GR20.142	10.00								
X1 16.82	10.00	0.00	10.00	0.04	0.04	0.04			
GR20.142	0.00	15.64	0.01	15.64	1.75	16.14	1.76	16.14	3.26
GR12.642	3.27	12.64	4.65	10.14	4.66	10.14	9.99	20.14	10.00
X1 16.78	6.00	0.00	10.00	0.04	0.04	0.04			
GR20.142	0.00	15.64	0.01	15.64	1.75	10.14	1.76	10.14	10.00
GR20.142	10.00								
X1 0.08	6.00	0.00	10.00	16.70	16.70	16.70			
GR20.199	0.00	15.70	0.01	15.70	1.75	10.20	1.76	10.20	10.00
GR20.199	10.00								
X1 0.04	10.00	0.00	10.00	0.04	0.04	0.04			
GR20.199	0.00	15.70	0.01	15.70	1.75	16.20	1.76	16.20	3.26
GR12.699	3.27	12.70	4.65	10.20	4.66	10.20	9.99	20.20	10.00
X1 0	6.00	0.00	10.00	0.04	0.04	0.04			
GR 20.2	0.00	15.70	0.01	15.70	1.75	10.20	1.76	10.20	10.00
GR 20.2	10.00								

EJ

ER

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X     X  XXXXXXX   XXXXX              XXXXX
X     X  X        X     X            X     X
X     X  X        X                        X
XXXXXXX  XXXX     X         XXXXX    XXXXX
X     X  X        X                  X
X     X  X        X     X            X
X     X  XXXXXXX   XXXXX              XXXXXXX
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WALKERS RUN

1/23/93 11:21:36

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*****************************************************
  HEC2 RELEASE DATED SEPT 88
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   SECNO    DEPTH    CWSEL    CRIWS    WSELK    EG       HV       HL       OLOSS    BANK ELEV
   Q        QLOB     QCH      QROB     ALOB     ACH      AROB     VOL      TWA    LEFT/RIGHT
   TIME     VLOB     VCH      VROB     XNL      XNCH     XNR      WTN      ELMIN      SSTA
   SLOPE    XLOBL    XLCH     XLOBR    ITRIAL   IDC      ICONT    CORAR    TOPWID     ENDST

CCHV=     .200 CEHV=     .400
*SECNO 1823.000
  1823.00     3.37     6.21      .00     6.21     6.25      .04      .00      .00    12.84
     41.       0.      41.       0.       0.      25.       0.       0.       0.    12.84
     .00      .00     1.62      .00     .000     .013     .000     .000     2.84     2.50
  .000094      0.       0.       0.        0        0        0      .00     7.50    10.00

*SECNO 1823.000

  1823.00     3.32     6.16      .00      .00     6.29      .13      .00      .03    12.84
     41.       0.      41.       0.       0.      14.       0.       0.       0.    12.84
     .00      .00     2.87      .00     .000     .013     .000     .000     2.84     4.72
  .000495      0.       0.       0.        2        0        0      .00     5.28     9.99

*SECNO 1822.900

  1822.90     3.42     6.26      .00      .00     6.30      .04      .00      .02    12.84
     41.       0.      41.       0.       0.      26.       0.       0.       0.    12.84
     .00      .00     1.60      .00     .000     .013     .000     .000     2.84     2.50
  .000090      0.       0.       0.        2        0        0      .00     7.50    10.00

*SECNO 1787.000
  1787.00     3.31     6.27      .00      .00     6.31      .04      .00      .00    12.96
     41.       0.      41.       0.       0.      25.       0.       0.       0.    12.96
     .01      .00     1.65      .00     .000     .013     .000     .000     2.96     2.50
  .000098      36.      36.      36.        0        0        0      .00     7.50    10.00

*SECNO 1787.000

  1787.00     3.30     6.26      .00      .00     6.31      .06      .00      .01    12.96
     41.       0.      41.       0.       0.      22.       0.       0.       0.    12.96
     .01      .00     1.91      .00     .000     .013     .000     .000     2.96     2.50
  .000237      0.       0.       0.        0        0        0      .00     7.49     9.99

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   SECNO    DEPTH    CWSEL    CRIWS    WSELK    EG       HV       HL       OLOSS    BANK ELEV
   Q        QLOB     QCH      QROB     ALOB     ACH      AROB     VOL      TWA    LEFT/RIGHT
   TIME     VLOB     VCH      VROB     XNL      XNCH     XNR      WTN      ELMIN      SSTA
   SLOPE    XLOBL    XLCH     XLOBR    ITRIAL   IDC      ICONT    CORAR    TOPWID     ENDST

*SECNO 1786.900

  1786.90     3.31     6.27      .00      .00     6.32      .04      .00      .00    12.96
     41.       0.      41.       0.       0.      25.       0.       0.       0.    12.96
     .01      .00     1.66      .00     .000     .013     .000     .000     2.96     2.50
  .000099      0.       0.       0.        1        0        0      .00     7.50    10.00

*SECNO 1769.000
```

3280 CROSS SECTION 1769.00 EXTENDED 6.28 FEET

1769.00	6.28	6.28	.00	.00	6.32	.04	.00	.00	.00
41.	0.	41.	0.	0.	24.	0.	0.	0.	3.02
.01	.00	1.68	.00	.000	.013	.000	.000	.00	.00
.000203	18.	18.	18.	0	0	0	.00	7.50	10.00

*SECNO 1769.000

8 1769.00	3.20	6.22	.00	.00	6.36	.14	.00	.04	13.02
41.	0.	41.	0.	0.	14.	0.	0.	0.	13.02
.01	.00	3.01	.00	.000	.013	.000	.000	3.02	4.72
.000560	0.	0.	0.	2	0	0	.00	5.27	9.99

*SECNO 1768.900

1768.90	3.32	6.34	.00	.00	6.38	.04	.00	.02	13.02
41.	0.	41.	0.	0.	25.	0.	0.	0.	13.02
.01	.00	1.65	.00	.000	.013	.000	.000	3.02	2.50
.000098	0.	0.	0.	2	0	0	.00	7.50	10.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1751.000

1751.00	3.26	6.34	.00	.00	6.38	.04	.00	.00	13.08
41.	0.	41.	0.	0.	24.	0.	0.	0.	13.08
.01	.00	1.68	.00	.000	.013	.000	.000	3.08	2.50
.000103	18.	18.	18.	0	0	0	.00	7.50	10.00

*SECNO 1751.000

1751.00	3.20	6.28	.00	.00	6.42	.14	.00	.04	13.08
41.	0.	41.	0.	0.	14.	0.	0.	0.	13.08
.01	.00	3.00	.00	.000	.013	.000	.000	3.08	4.72
.000560	0.	0.	0.	2	0	0	.00	5.27	9.99

*SECNO 1750.900

1750.90	3.32	6.40	.00	.00	6.44	.04	.00	.02	13.08
41.	0.	41.	0.	0.	25.	0.	0.	0.	13.08
.01	.00	1.65	.00	.000	.013	.000	.000	3.08	2.50
.000098	0.	0.	0.	2	0	0	.00	7.50	10.00

*SECNO 1745.500

1745.50	3.23	6.33	.00	.00	6.49	.16	.00	.05	13.10
41.	0.	41.	0.	0.	13.	0.	0.	0.	13.10
.01	.00	3.18	.00	.000	.013	.000	.000	3.10	10.76
.000586	5.	5.	5.	2	0	0	.00	3.99	14.75

*SECNO 1652.000

1652.00	2.95	6.37	.00	.00	6.56	.19	.06	.01	13.42
41.	0.	41.	0.	0.	12.	0.	0.	0.	13.42
.02	.00	3.49	.00	.000	.013	.000	.000	3.42	10.76
.000739	94.	94.	94.	1	0	0	.00	3.99	14.75

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 1643.500									
1643.50	2.92	6.37	.00	.00	6.57	.19	.01	.00	13.45
41.	0.	41.	0.	0.	12.	0.	0.	0.	13.45
.02	.00	3.51	.00	.000	.013	.000	.000	3.45	10.76
.000751	9.	9.	9.	0	0	0	.00	3.99	14.75
*SECNO 1632.600									
1632.60	1.88	6.53	.00	.00	6.65	.12	.07	.01	14.65
41.	0.	41.	0.	0.	15.	0.	0.	0.	14.65
.03	.00	2.77	.00	.000	.013	.000	.000	4.65	2.11
.000425	118.	118.	118.	2	0	0	.00	7.89	10.00
*SECNO 1632.600									
1632.60	1.69	6.34	.00	.00	6.77	.43	.00	.13	14.65
41.	0.	41.	0.	0.	8.	0.	0.	0.	14.65
.03	.00	5.28	.00	.000	.013	.000	.000	4.65	5.40
.002210	0.	0.	0.	2	0	0	.00	4.59	9.99
*SECNO 1632.500									
1632.50	2.09	6.74	.00	.00	6.84	.10	.00	.07	14.65
41.	0.	41.	0.	0.	17.	0.	0.	0.	14.65
.03	.00	2.48	.00	.000	.013	.000	.000	4.65	2.11
.000310	0.	0.	0.	3	0	0	.00	7.89	10.00
CNO 1615.600									
1615.60	2.04	6.75	.00	.00	6.85	.10	.01	.00	14.71
41.	0.	41.	0.	0.	16.	0.	0.	0.	14.71
.04	.00	2.55	.00	.000	.013	.000	.000	4.71	2.11
.000334	28.	28.	28.	2	0	0	.00	7.89	10.00
*SECNO 1615.600									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
1615.60	1.89	6.60	.00	.00	6.95	.35	.00	.10	14.71
41.	0.	41.	0.	0.	9.	0.	0.	0.	14.71
.04	.00	4.72	.00	.000	.013	.000	.000	4.71	5.40
.001623	0.	0.	0.	2	0	0	.00	4.59	9.99
*SECNO 1615.500									
1615.50	2.20	6.91	.00	.00	7.00	.09	.00	.05	14.71
41.	0.	41.	0.	0.	17.	0.	0.	0.	14.71
.04	.00	2.35	.00	.000	.013	.000	.000	4.71	2.11
.000266	0.	0.	0.	2	0	0	.00	7.89	10.00
*SECNO 1597.600									
1597.60	2.15	6.92	.00	.00	7.01	.09	.01	.00	14.77
41.	0.	41.	0.	0.	17.	0.	0.	0.	14.77
.04	.00	2.41	.00	.000	.013	.000	.000	4.77	2.11
.000287	35.	35.	35.	2	0	0	.00	7.89	10.00

*SECNO 1597.600

1597.60	2.02	6.79	.00	.00	7.10	.30	.00	.08	14.77
41.	0.	41.	0.	0.	9.	0.	0.	0.	14.77
.04	.00	4.41	.00	.000	.013	.000	.000	4.77	5.40
.001353	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1597.500

1597.50	2.29	7.06	.00	.00	7.14	.08	.00	.04	14.77
41.	0.	41.	0.	0.	18.	0.	0.	0.	14.77
.04	.00	2.26	.00	.000	.013	.000	.000	4.77	2.11
.000239	0.	0.	0.	2	0	0	.00	7.89	10.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1587.600

1587.60	2.27	7.07	.00	.00	7.15	.08	.01	.00	14.80
41.	0.	41.	0.	0.	18.	0.	0.	0.	14.80
.04	.00	2.28	.00	.000	.013	.000	.000	4.80	2.11
.000244	28.	28.	28.	1	0	0	.00	7.89	10.00

*SECNO 1587.600

1587.60	2.16	6.96	.00	.00	7.22	.27	.00	.07	14.80
41.	0.	41.	0.	0.	10.	0.	0.	0.	14.80
.04	.00	4.14	.00	.000	.013	.000	.000	4.80	5.40
.001141	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1587.500

1587.50	2.39	7.19	.00	.00	7.26	.07	.00	.04	14.80
41.	0.	41.	0.	0.	19.	0.	0.	0.	14.80
.04	.00	2.17	.00	.000	.013	.000	.000	4.80	2.11
.000213	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1548.600

1548.60	2.26	7.19	.00	.00	7.28	.08	.01	.00	14.93
41.	0.	41.	0.	0.	18.	0.	0.	0.	14.93
.05	.00	2.29	.00	.000	.013	.000	.000	4.93	2.11
.000248	49.	49.	49.	2	0	0	.00	7.89	10.00

*SECNO 1548.600

1548.60	2.15	7.08	.00	.00	7.35	.27	.00	.07	14.93
41.	0.	41.	0.	0.	10.	0.	0.	0.	14.93
.05	.00	4.15	.00	.000	.013	.000	.000	4.93	5.40
.001146	0.	0.	0.	2	0	0	.00	4.59	9.99

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1548.500

1548.50	2.39	7.32	.00	.00	7.39	.07	.00	.04	14.93
41.	0.	41.	0.	0.	19.	0.	0.	0.	14.93
.05	.00	2.18	.00	.000	.013	.000	.000	4.93	2.11
.000213	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1508.600

1508.60	2.26	7.33	.00	.00	7.41	.08	.02	.00	15.07
41.	0.	41.	0.	0.	18.	0.	0.	0.	15.07
.06	.00	2.30	.00	.000	.013	.000	.000	5.07	2.11
.000250	79.	79.	79.	2	0	0	.00	7.89	10.00

*SECNO 1508.600

1508.60	2.15	7.22	.00	.00	7.49	.27	.00	.07	15.07
41.	0.	41.	0.	0.	10.	0.	0.	0.	15.07
.06	.00	4.16	.00	.000	.013	.000	.000	5.07	5.40
.001155	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1508.500

1508.50	2.38	7.45	.00	.00	7.53	.07	.00	.04	15.07
41.	0.	41.	0.	0.	19.	0.	0.	0.	15.07
.06	.00	2.18	.00	.000	.013	.000	.000	5.07	2.11
.000214	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1468.600

1468.60	2.25	7.46	.00	.00	7.55	.08	.02	.00	15.21
41.	0.	41.	0.	0.	18.	0.	0.	0.	15.21
.07	.00	2.30	.00	.000	.013	.000	.000	5.21	2.11
000251	80.	80.	80.	2	0	0	.00	7.89	10.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1468.600

1468.60	2.14	7.35	.00	.00	7.62	.27	.00	.08	15.21
41.	0.	41.	0.	0.	10.	0.	0.	0.	15.21
.07	.00	4.17	.00	.000	.013	.000	.000	5.21	5.40
.001162	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1468.500

1468.50	2.38	7.59	.00	.00	7.66	.07	.00	.04	15.21
41.	0.	41.	0.	0.	19.	0.	0.	0.	15.21
.07	.00	2.18	.00	.000	.013	.000	.000	5.21	2.11
.000215	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1428.600

1428.60	2.26	7.60	.00	.00	7.68	.08	.02	.00	15.34
41.	0.	41.	0.	0.	18.	0.	0.	0.	15.34
.08	.00	2.30	.00	.000	.013	.000	.000	5.34	2.11
.000249	80.	80.	80.	2	0	0	.00	7.89	10.00

ECNO 1428.600

1428.60	2.15	7.49	.00	.00	7.76	.27	.00	.07	15.34
41.	0.	41.	0.	0.	10.	0.	0.	0.	15.34
.08	.00	4.16	.00	.000	.013	.000	.000	5.34	5.40
.001151	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1428.500

1428.50	2.38	7.72	.00	.00	7.80	.07	.00	.04	15.34
41.	0.	41.	0.	0.	19.	0.	0.	0.	15.34
.08	.00	2.18	.00	.000	.013	.000	.000	5.34	2.11
.000214	0.	0.	0.	2	0	0	.00	7.89	10

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1388.600

1388.60	2.26	7.74	.00	.00	7.82	.08	.02	.00	15.48
41.	0.	41.	0.	0.	18.	0.	0.	0.	15.48
.09	.00	2.30	.00	.000	.013	.000	.000	5.48	2.11
.000250	80.	80.	80.	2	0	0	.00	7.89	10.00

*SECNO 1388.600

1388.60	2.14	7.62	.00	.00	7.89	.27	.00	.08	15.48
41.	0.	41.	0.	0.	10.	0.	0.	0.	15.48
.09	.00	4.17	.00	.000	.013	.000	.000	5.48	5.40
.001159	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1388.500

1388.50	2.38	7.86	.00	.00	7.93	.07	.00	.04	15.48
41.	0.	41.	0.	0.	19.	0.	0.	0.	15.48
.09	.00	2.18	.00	.000	.013	.000	.000	5.48	2.11
100215	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1348.600

1348.60	2.26	7.87	.00	.00	7.95	.08	.02	.00	15.61
41.	0.	41.	0.	0.	18.	0.	0.	0.	15.61
.10	.00	2.30	.00	.000	.013	.000	.000	5.61	2.11
.000248	80.	80.	80.	2	0	0	.00	7.89	10.00

*SECNO 1348.600

1348.60	2.15	7.76	.00	.00	8.03	.27	.00	.07	15.61
41.	0.	41.	0.	0.	10.	0.	0.	0.	15.61
.10	.00	4.16	.00	.000	.013	.000	.000	5.61	5.40
.001149	0.	0.	0.	2	0	0	.00	4.59	9.99

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1348.500

1348.50	2.38	7.99	.00	.00	8.07	.07	.00	.04	15.61
41.	0.	41.	0.	0.	19.	0.	0.	0.	15.61
.10	.00	2.18	.00	.000	.013	.000	.000	5.61	2.11
.000214	0.	0.	0.	2	0	0	.00	7.89	10.00

:NO 1313.100

1313.10	2.27	8.01	.00	.00	8.09	.08	.02	.00	15.73
41.	0.	41.	0.	0.	18.	0.	0.	0.	15.73
.11	.00	2.29	.00	.000	.013	.000	.000	5.74	2.11
.000247	75.	75.	75.	2	0	0	.00	7.89	10.00

*SECNO 1313.100

1313.10	2.16	7.90	.00	.00	8.16	.27	.00	.07	15.73
41.	0.	41.	0.	0.	10.	0.	0.	0.	15.74
.11	.00	4.15	.00	.000	.013	.000	.000	5.74	5.40
.001142	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1313.000

1313.00	2.39	8.13	.00	.00	8.20	.07	.00	.04	15.73
41.	0.	41.	0.	0.	19.	0.	0.	0.	15.73
.11	.00	2.17	.00	.000	.013	.000	.000	5.74	2.11
.000213	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1278.100

1278.10	2.29	8.14	.00	.00	8.22	.08	.02	.00	15.85
41.	0.	41.	0.	0.	18.	0.	0.	0.	15.85
.11	.00	2.27	.00	.000	.013	.000	.000	5.85	2.11
.000240	70.	70.	70.	2	0	0	.00	7.89	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1278.100

1278.10	2.18	8.03	.00	.00	8.29	.26	.00	.07	15.85
41.	0.	41.	0.	0.	10.	0.	0.	0.	15.85
.11	.00	4.10	.00	.000	.013	.000	.000	5.85	5.40
.001106	0.	0.	0.	2	0	0	.00	4.59	9.99

.CNO 1278.000

1278.00	2.41	8.26	.00	.00	8.33	.07	.00	.04	15.85
41.	0.	41.	0.	0.	19.	0.	0.	0.	15.85
.11	.00	2.16	.00	.000	.013	.000	.000	5.85	2.11
.000208	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1247.100

1247.10	2.31	8.27	.00	.00	8.35	.08	.01	.00	15.96
41.	0.	41.	0.	0.	18.	0.	0.	0.	15.96
.12	.00	2.25	.00	.000	.013	.000	.000	5.96	2.11
.000235	66.	66.	66.	2	0	0	.00	7.89	10.00

*SECNO 1247.100

1247.10	2.20	8.16	.00	.00	8.42	.26	.00	.07	15.96
41.	0.	41.	0.	0.	10.	0.	0.	0.	15.96
.12	.00	4.06	.00	.000	.013	.000	.000	5.96	5.40
.001079	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1247.100

1247.10	2.42	8.38	.00	.00	8.46	.07	.00	.04	15.96
41.	0.	41.	0.	0.	19.	0.	0.	0.	15.96
.12	.00	2.14	.00	.000	.013	.000	.000	5.96	2.11
.000204	0.	0.	0.	2	0	0	.00	7.89	10.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1216.200

1216.20	2.33	8.39	.00	.00	8.47	.08	.01	.00	16.06
41.	0.	41.	0.	0.	18.	0.	0.	0.	16.06
.13	.00	2.23	.00	.000	.013	.000	.000	6.06	2.11
.000228	62.	62.	62.	2	0	0	.00	7.89	10.00

*SECNO 1216.200

1216.20	2.23	8.29	.00	.00	8.54	.25	.00	.07	16.06
41.	0.	41.	0.	0.	10.	0.	0.	0.	16.06
.13	.00	4.01	.00	.000	.013	.000	.000	6.06	5.40
.001043	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1216.100

1216.10	2.43	8.50	.00	.00	8.58	.07	.00	.04	16.07
41.	0.	41.	0.	0.	19.	0.	0.	0.	16.07
.13	.00	2.13	.00	.000	.013	.000	.000	6.07	2.11
.000202	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1185.200

1185.20	2.36	8.53	.00	.00	8.59	.06	.01	.00	16.17
37.	0.	37.	0.	0.	19.	0.	0.	0.	16.17
.14	.00	1.98	.00	.000	.013	.000	.000	6.17	2.11
.000178	62.	62.	62.	1	0	0	.00	7.89	10.00

*SECNO 1185.100

1185.10	2.28	8.45	.00	.00	8.64	.19	.00	.05	16.17
37.	0.	37.	0.	0.	10.	0.	0.	0.	16.17
.14	.00	3.54	.00	.000	.013	.000	.000	6.17	5.40
.000803	0.	0.	0.	2	0	0	.00	4.59	9.99

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1185.100

1185.10	2.44	8.61	.00	.00	8.67	.06	.00	.03	16.17
37.	0.	37.	0.	0.	19.	0.	0.	0.	16.17
.14	.00	1.92	.00	.000	.013	.000	.000	6.17	2.11
.000163	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1158.200

1158.20	2.36	8.62	.00	.00	8.68	.06	.01	.00	16.26
37.	0.	37.	0.	0.	19.	0.	1.	0.	16.26
.15	.00	1.99	.00	.000	.013	.000	.000	6.26	2.11
.000179	58.	58.	58.	2	0	0	.00	7.89	10.00

*SECNO 1158.100

1158.10	2.28	8.54	.00	.00	8.74	.19	.00	.05	16.26
37.	0.	37.	0.	0.	10.	0.	1.	0.	16.26
.15	.00	3.54	.00	.000	.013	.000	.000	6.26	5.40
.000800	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1158.100

1158.10	2.45	8.71	.00	.00	8.76	.06	.00	.03	16.26
37.	0.	37.	0.	0.	19.	0.	1.	0.	16.26
.15	.00	1.92	.00	.000	.013	.000	.000	6.26	2.11
000162	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1148.100

1148.10	2.41	8.71	.00	.00	8.77	.06	.01	.00	16.30
37.	0.	37.	0.	0.	19.	0.	1.	0.	16.30
.15	.00	1.94	.00	.000	.013	.000	.000	6.30	2.11
.000168	37.	37.	37.	1	0	0	.00	7.89	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1148.100

1148.10	2.33	8.63	.00	.00	8.82	.19	.00	.05	16.30
37.	0.	37.	0.	0.	11.	0.	1.	0.	16.30
.15	.00	3.46	.00	.000	.013	.000	.000	6.30	5.40
.000752	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1148.000

1148.00	2.49	8.79	.00	.00	8.85	.05	.00	.03	16.30
37.	0.	37.	0.	0.	20.	0.	1.	0.	16.30
.15	.00	1.88	.00	.000	.013	.000	.000	6.30	2.11
.000154	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1110.300

110.30	2.38	8.80	.00	.00	8.86	.06	.01	.00	16.42
37.	0.	37.	0.	0.	19.	0.	1.	0.	16.42
.16	.00	1.97	.00	.000	.013	.000	.000	6.42	2.11
.000174	48.	48.	48.	1	0	0	.00	7.89	10.00

*SECNO 1110.300

1110.30	2.30	8.72	.00	.00	8.91	.19	.00	.05	16.42
37.	0.	37.	0.	0.	11.	0.	1.	0.	16.42
.16	.00	3.51	.00	.000	.013	.000	.000	6.42	5.40
.000785	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1110.200

1110.20	2.45	8.88	.00	.00	8.94	.06	.00	.03	16.42
37.	0.	37.	0.	0.	19.	0.	1.	0.	16.42
.16	.00	1.91	.00	.000	.013	.000	.000	6.43	2.11
.000162	0.	0.	0.	2	0	0	.00	7.89	10.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1070.800

1070.80	2.33	8.89	.00	.00	8.95	.06	.01	.00	16.56
37.	0.	37.	0.	0.	18.	0.	1.	0.	16.56
.17	.00	2.01	.00	.000	.013	.000	.000	6.56	2.11
.000187	77.	77.	77.	2	0	0	.00	7.89	10.00

*SECNO 1070.800

1070.80	2.25	8.81	.00	.00	9.01	.20	.00	.05	16.56
37.	0.	37.	0.	0.	10.	0.	1.	0.	16.56
.17	.00	3.59	.00	.000	.013	.000	.000	6.56	5.40
100834	0.	0.	0.	2	0	0	.00	4.59	9.99

*SECNO 1070.700

1070.70	2.42	8.98	.00	.00	9.03	.06	.00	.03	16.56
37.	0.	37.	0.	0.	19.	0.	1.	0.	16.56
.17	.00	1.94	.00	.000	.013	.000	.000	6.56	2.11
.000168	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 1031.300

1031.30	2.30	8.99	.00	.00	9.05	.06	.01	.00	16.69
37.	0.	37.	0.	0.	18.	0.	1.	0.	16.69
.18	.00	2.04	.00	.000	.013	.000	.000	6.69	2.11
.000194	79.	79.	79.	2	0	0	.00	7.89	10.00

*SECNO 1031.300

1031.30	2.21	8.90	.00	.00	9.11	.21	.00	.06	16.69
37.	0.	37.	0.	0.	10.	0.	1.	0.	16.69
.18	.00	3.65	.00	.000	.013	.000	.000	6.69	5.40
.000869	0.	0.	0.	2	0	0	.00	4.59	9.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1031.200

.031.20	2.39	9.08	.00	.00	9.14	.06	.00	.03	16.69
37.	0.	37.	0.	0.	19.	0.	1.	0.	16.69
.18	.00	1.96	.00	.000	.013	.000	.000	6.69	2.11
.000174	0.	0.	0.	2	0	0	.00	7.89	10.00

*SECNO 991.840

991.84	2.25	9.08	.00	.00	9.15	.06	.01	.00	16.83
37.	0.	37.	0.	0.	19.	0.	1.	0.	16.83
.19	.00	1.99	.00	.000	.013	.000	.000	6.83	1.76
.000182	39.	39.	39.	1	0	0	.00	8.24	10.00

*SECNO 991.800

991.80	2.20	9.03	.00	.00	9.18	.15	.00	.04	16.83
37.	0.	37.	0.	0.	12.	0.	1.	0.	16.83
.19	.00	3.15	.00	.000	.013	.000	.000	6.83	4.65
.000594	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 991.760

991.76	2.31	9.14	.00	.00	9.20	.06	.00	.02	16.83
37.	0.	37.	0.	0.	19.	0.	1.	0.	16.83
.19	.00	1.94	.00	.000	.013	.000	.000	6.83	1.76
.000171	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 952.340

952.34	2.19	9.15	.00	.00	9.21	.07	.01	.00	16.96
37.	0.	37.	0.	0.	18.	0.	1.	0.	16.96
.19	.00	2.05	.00	.000	.013	.000	.000	6.96	1.76
.000199	39.	39.	39.	1	0	0	.00	8.24	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 952.300

952.30	2.13	9.09	.00	.00	9.25	.17	.00	.04	16.96
37.	0.	37.	0.	0.	11.	0.	1.	0.	16.96
.19	.00	3.26	.00	.000	.013	.000	.000	6.96	4.65
.000650	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 952.260

952.26	2.25	9.21	.00	.00	9.27	.06	.00	.02	16.96
37.	0.	37.	0.	0.	19.	0.	1.	0.	16.96
.19	.00	1.99	.00	.000	.013	.000	.000	6.96	1.76
.000184	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 912.830

912.83	2.11	9.21	.00	.00	9.28	.07	.01	.00	17.10
37.	0.	37.	0.	0.	17.	0.	1.	0.	17.10
.20	.00	2.12	.00	.000	.013	.000	.000	7.10	1.76
.000219	39.	39.	39.	1	0	0	.00	8.24	10.00

*SECNO 912.790

912.79	2.05	9.15	.00	.00	9.33	.18	.00	.04	17.10
37.	0.	37.	0.	0.	11.	0.	1.	0.	17.10
.20	.00	3.38	.00	.000	.013	.000	.000	7.10	4.65
.000720	0.	0.	0.	2	0	0	.00	5.34	9.99

.CNO 912.750

912.75	2.18	9.28	.00	.00	9.35	.07	.00	.02	17.10
37.	0.	37.	0.	0.	18.	0.	1.	0.	17.10
.20	.00	2.06	.00	.000	.013	.000	.000	7.10	1.76
.000201	0.	0.	0.	2	0	0	.00	8.24	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 873.330

873.33	2.06	9.29	.00	.00	9.36	.07	.01	.00	17.23
37.	0.	37.	0.	0.	17.	0.	1.	0.	17.23
.20	.00	2.17	.00	.000	.013	.000	.000	7.23	1.76
.000236	39.	39.	39.	1	0	0	.00	8.24	10.00

*SECNO 873.290

873.29	1.99	9.22	.00	.00	9.41	.19	.00	.05	17.23
37.	0.	37.	0.	0.	11.	0.	1.	0.	17.23
.20	.00	3.49	.00	.000	.013	.000	.000	7.23	4.65
.000782	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 873.250

873.25	2.13	9.36	.00	.00	9.43	.07	.00	.02	17.23
37.	0.	37.	0.	0.	18.	0.	1.	0.	17.23
.20	.00	2.10	.00	.000	.013	.000	.000	7.23	1.76
.000215	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 833.830

833.83	2.01	9.37	.00	.00	9.44	.08	.01	.00	17.36
37.	0.	37.	0.	0.	17.	0.	1.	0.	17.36
.21	.00	2.23	.00	.000	.013	.000	.000	7.36	1.76
.000254	39.	39.	39.	1	0	0	.00	8.24	10.00

*SECNO 833.790

833.79	1.92	9.29	.00	.00	9.49	.20	.00	.05	17.36
37.	0.	37.	0.	0.	10.	0.	1.	0.	17.37
.21	.00	3.61	.00	.000	.013	.000	.000	7.37	4.65
.000859	0.	0.	0.	2	0	0	.00	5.34	9.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 833.750

833.75	2.08	9.45	.00	.00	9.52	.07	.00	.03	17.36
37.	0.	37.	0.	0.	17.	0.	1.	0.	17.36
.21	.00	2.16	.00	.000	.013	.000	.000	7.37	1.76
.000232	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 794.320

794.32	1.95	9.45	.00	.00	9.53	.08	.01	.00	17.50
37.	0.	37.	0.	0.	16.	0.	1.	0.	17.50
.21	.00	2.29	.00	.000	.013	.000	.000	7.50	1.76
.000275	39.	39.	39.	1	0	0	.00	8.24	10.00

*SECNO 794.280

794.28	1.87	9.37	.00	.00	9.59	.21	.00	.05	17.50
37.	0.	37.	0.	0.	10.	0.	1.	0.	17.50
.21	.00	3.70	.00	.000	.013	.000	.000	7.50	4.65
.000923	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 794.240

794.24	2.04	9.54	.00	.00	9.61	.08	.00	.03	17.50
37.	0.	37.	0.	0.	17.	0.	1.	0.	17.50
.21	.00	2.20	.00	.000	.013	.000	.000	7.50	1.76
.000245	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 754.820

754.82	1.91	9.54	.00	.00	9.63	.08	.01	.00	17.63
37.	0.	37.	0.	0.	16.	0.	1.	0.	17.63
.22	.00	2.34	.00	.000	.013	.000	.000	7.63	1.76
.000291	39.	39.	39.	1	0	0	.00	8.24	10.00
SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 754.780

754.78	1.83	9.46	.00	.00	9.68	.22	.00	.06	17.63
37.	0.	37.	0.	0.	10.	0.	1.	0.	17.63
.22	.00	3.79	.00	.000	.013	.000	.000	7.63	4.65
.000984	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 754.740

754.74	2.00	9.63	.00	.00	9.71	.08	.00	.03	17.63
37.	0.	37.	0.	0.	17.	0.	1.	0.	17.63
.22	.00	2.24	.00	.000	.013	.000	.000	7.63	1.76
.000257	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 725.320

725.32	1.92	9.65	.00	.00	9.72	.07	.01	.00	17.73
33.	0.	33.	0.	0.	16.	0.	1.	0.	17.73
.22	.00	2.08	.00	.000	.013	.000	.000	7.73	1.76
.000231	29.	29.	29.	0	0	0	.00	8.24	10.00

*SECNO 725.280

725.28	1.86	9.59	.00	.00	9.76	.17	.00	.04	17.73
33.	0.	33.	0.	0.	10.	0.	1.	0.	17.73
.22	.00	3.32	.00	.000	.013	.000	.000	7.73	4.65
.000747	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 725.240

725.24	1.99	9.72	.00	.00	9.78	.06	.00	.02	17.73
33.	0.	33.	0.	0.	16.	0.	1.	0.	17.73
.22	.00	2.01	.00	.000	.013	.000	.000	7.73	1.76
.000208	0.	0.	0.	2	0	0	.00	8.24	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

.CNO 715.320

715.32	1.95	9.72	.00	.00	9.79	.07	.00	.00	17.77
33.	0.	33.	0.	0.	16.	0.	1.	0.	17.77
.22	.00	2.05	.00	.000	.013	.000	.000	7.77	1.76
.000220	10.	10.	10.	0	0	0	.00	8.24	10.00

*SECNO 715.280

715.28	1.89	9.66	.00	.00	9.83	.17	.00	.04	17.77
33.	0.	33.	0.	0.	10.	0.	1.	0.	17.77
.22	.00	3.27	.00	.000	.013	.000	.000	7.77	4.65
.000714	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 715.240

715.24	2.02	9.79	.00	.00	9.85	.06	.00	.02	17.77
33.	0.	33.	0.	0.	17.	0.	1.	0.	17.77
.22	.00	1.98	.00	.000	.013	.000	.000	7.77	1.76
.000201	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 675.040

675.04	1.89	9.79	.00	.00	9.86	.07	.01	.00	17.90
33.	0.	33.	0.	0.	16.	0.	1.	0.	17.90
.23	.00	2.11	.00	.000	.013	.000	.000	7.90	1.76
.000240	40.	40.	40.	1	0	0	.00	8.24	10.00

*SECNO 675.000

675.00	1.82	9.73	.00	.00	9.91	.18	.00	.04	17.91
33.	0.	33.	0.	0.	10.	0.	1.	0.	17.91
.23	.00	3.41	.00	.000	.013	.000	.000	7.91	4.65
.000801	0.	0.	0.	2	0	0	.00	5.34	9.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 674.960

674.96	1.95	9.86	.00	.00	9.93	.07	.00	.02	17.91
33.	0.	33.	0.	0.	16.	0.	1.	0.	17.91
.23	.00	2.05	.00	.000	.013	.000	.000	7.91	1.76
.000221	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 636.040

636.04	1.83	9.87	.00	.00	9.94	.07	.01	.00	18.04
33.	0.	33.	0.	0.	15.	0.	1.	0.	18.04
.23	.00	2.18	.00	.000	.013	.000	.000	8.04	1.76
.000265	39.	39.	39.	1	0	0	.00	8.24	10.00

*SECNO 636.000

636.00	1.76	9.80	.00	.00	9.99	.19	.00	.05	18.04
33.	0.	33.	0.	0.	9.	0.	1.	0.	18.04
.23	.00	3.52	.00	.000	.013	.000	.000	8.04	4.65
.000879	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 635.960

635.96	1.91	9.95	.00	.00	10.01	.07	.00	.02	18.04
33.	0.	33.	0.	0.	16.	0.	1.	0.	18.04
.23	.00	2.10	.00	.000	.013	.000	.000	8.04	1.76
000237	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 596.800

596.80	1.78	9.95	.00	.00	10.03	.08	.01	.00	18.17
33.	0.	33.	0.	0.	15.	0.	1.	0.	18.17
.24	.00	2.24	.00	.000	.013	.000	.000	8.17	1.76
.000286	39.	39.	39.	1	0	0	.00	8.24	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 596.760

596.76	1.70	9.87	.00	.00	10.08	.20	.00	.05	18.17
33.	0.	33.	0.	0.	9.	0.	1.	0.	18.17
.24	.00	3.63	.00	.000	.013	.000	.000	8.17	4.65
.000957	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 596.720

596.72	1.86	10.03	.00	.00	10.11	.07	.00	.03	18.17
33.	0.	33.	0.	0.	15.	0.	1.	0.	18.17
.24	.00	2.15	.00	.000	.013	.000	.000	8.17	1.76
.000253	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 557.300

557.30	1.73	10.04	.00	.00	10.12	.08	.01	.00	18.31
33.	0.	33.	0.	0.	14.	0.	1.	0.	18.31
.24	.00	2.30	.00	.000	.013	.000	.000	8.31	1.76
.000311	39.	39.	39.	1	0	0	.00	8.24	10.00

*SECNO 557.260

557.26	1.65	9.96	.00	.00	10.18	.22	.00	.05	18.31
33.	0.	33.	0.	0.	9.	0.	1.	0.	18.31
.24	.00	3.76	.00	.000	.013	.000	.000	8.31	4.65
.001055	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 557.220

557.22	1.82	10.13	.00	.00	10.20	.08	.00	.03	18.31
33.	0.	33.	0.	0.	15.	0.	1.	0.	18.31
.24	.00	2.20	.00	.000	.013	.000	.000	8.31	1.76
.000271	0.	0.	0.	2	0	0	.00	8.24	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 517.800

517.80	1.69	10.13	.00	.00	10.22	.09	.01	.00	18.44
33.	0.	33.	0.	0.	14.	0.	1.	0.	18.44
.25	.00	2.36	.00	.000	.013	.000	.000	8.44	1.76
.000335	39.	39.	39.	2	0	0	.00	8.24	10.00

*SECNO 517.760

517.76	1.61	10.05	.00	.00	10.28	.23	.00	.06	18.44
33.	0.	33.	0.	0.	9.	0.	1.	0.	18.44
.25	.00	3.85	.00	.000	.013	.000	.000	8.44	4.65
001126	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 517.720

517.72	1.79	10.23	.00	.00	10.31	.08	.00	.03	18.44
33.	0.	33.	0.	0.	15.	0.	1.	0.	18.44
.25	.00	2.23	.00	.000	.013	.000	.000	8.44	1.76
.000284	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 478.040

478.04	1.67	10.24	.00	.00	10.33	.09	.01	.00	18.57
33.	0.	33.	0.	0.	14.	0.	1.	0.	18.57
.25	.00	2.40	.00	.000	.013	.000	.000	8.57	1.76
.000352	40.	40.	40.	2	0	0	.00	8.24	10.00

*SECNO 478.000

478.00	1.58	10.15	.00	.00	10.39	.24	.00	.06	18.57
33.	0.	33.	0.	0.	8.	0.	1.	0.	18.57
.25	.00	3.92	.00	.000	.013	.000	.000	8.57	4.65
.001191	0.	0.	0.	2	0	0	.00	5.34	9.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 477.960

477.96	1.77	10.34	.00	.00	10.42	.08	.00	.03	18.57
33.	0.	33.	0.	0.	15.	0.	1.	0.	18.57
.25	.00	2.26	.00	.000	.013	.000	.000	8.57	1.76
.000294	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 438.790

438.79	1.63	10.34	.00	.00	10.44	.09	.01	.01	18.71
33.	0.	33.	0.	0.	13.	0.	1.	0.	18.71
.26	.00	2.45	.00	.000	.013	.000	.000	8.71	1.76
.000374	39.	39.	39.	2	0	0	.00	8.24	10.00

*SECNO 438.750

438.75	1.54	10.25	.00	.00	10.50	.25	.00	.06	18.71
33.	0.	33.	0.	0.	8.	0.	1.	0.	18.71
.26	.00	4.02	.00	.000	.013	.000	.000	8.71	4.65
.001278	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 438.710

438.71	1.74	10.45	.00	.00	10.53	.08	.00	.03	18.71
33.	0.	33.	0.	0.	14.	0.	1.	0.	18.71
.26	.00	2.30	.00	.000	.013	.000	.000	8.71	1.76
.000308	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 399.280

399.28	1.62	10.46	.00	.00	10.55	.10	.01	.01	18.84
33.	0.	33.	0.	0.	13.	0.	1.	0.	18.84
.26	.00	2.48	.00	.000	.013	.000	.000	8.84	1.76
.000385	39.	39.	39.	2	0	0	.00	8.24	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

'NO 399.240

399.24	1.52	10.36	.00	.00	10.62	.26	.00	.06	18.84
33.	0.	33.	0.	0.	8.	0.	1.	0.	18.84
.26	.00	4.07	.00	.000	.013	.000	.000	8.84	4.65
.001323	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 399.200

399.20	1.73	10.57	.00	.00	10.65	.08	.00	.03	18.84
33.	0.	33.	0.	0.	14.	0.	1.	0.	18.84
.26	.00	2.31	.00	.000	.013	.000	.000	8.84	1.76
.000314	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 369.780

369.78	1.63	10.57	.00	.00	10.67	.09	.01	.00	18.94
33.	0.	33.	0.	0.	13.	0.	1.	0.	18.94
.26	.00	2.45	.00	.000	.013	.000	.000	8.94	1.76
.000374	29.	29.	29.	2	0	0	.00	8.24	10.00

*SECNO 369.740

369.74	1.54	10.48	.00	.00	10.73	.25	.00	.06	18.94
33.	0.	33.	0.	0.	8.	0.	1.	0.	18.94
.26	.00	4.02	.00	.000	.013	.000	.000	8.94	4.65
.001279	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 369.700

369.70	1.74	10.68	.00	.00	10.76	.08	.00	.03	18.94
33.	0.	33.	0.	0.	14.	0.	1.	0.	18.94
.26	.00	2.30	.00	.000	.013	.000	.000	8.94	1.76
.000308	0.	0.	0.	2	0	0	.00	8.24	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 359.780									
359.78	1.70	10.68	.00	.00	10.77	.09	.00	.00	18.98
33.	0.	33.	0.	0.	14.	0.	1.	0.	18.98
.26	.00	2.34	.00	.000	.013	.000	.000	8.98	1.76
.000327	10.	10.	10.	0	0	0	.00	8.24	10.00
*SECNO 359.740									
359.74	1.62	10.60	.00	.00	10.82	.23	.00	.06	18.98
33.	0.	33.	0.	0.	9.	0.	1.	0.	18.98
.26	.00	3.83	.00	.000	.013	.000	.000	8.98	4.65
.001109	0.	0.	0.	2	0	0	.00	5.34	9.99
*SECNO 359.700									
359.70	1.80	10.78	.00	.00	10.85	.08	.00	.03	18.98
33.	0.	33.	0.	0.	15.	0.	1.	0.	18.98
.26	.00	2.23	.00	.000	.013	.000	.000	8.98	1.76
.000281	0.	0.	0.	2	0	0	.00	8.24	10.00
*SECNO 320.200									
320.20	1.67	10.78	.00	.00	10.87	.09	.01	.00	19.11
33.	0.	33.	0.	0.	14.	0.	1.	0.	19.11
.27	.00	2.39	.00	.000	.013	.000	.000	9.11	1.76
.000348	40.	40.	40.	2	0	0	.00	8.24	10.00
CNO 320.160									
320.16	1.58	10.69	.00	.00	10.93	.24	.00	.06	19.11
33.	0.	33.	0.	0.	8.	0.	1.	0.	19.11
.27	.00	3.91	.00	.000	.013	.000	.000	9.11	4.65
.001176	0.	0.	0.	2	0	0	.00	5.34	9.99
SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 320.120									
320.12	1.77	10.88	.00	.00	10.96	.08	.00	.03	19.11
33.	0.	33.	0.	0.	15.	0.	1.	0.	19.11
.27	.00	2.26	.00	.000	.013	.000	.000	9.11	1.76
.000292	0.	0.	0.	2	0	0	.00	8.24	10.00
*SECNO 283.640									
283.64	1.68	10.92	.00	.00	10.98	.06	.01	.00	19.24
26.	0.	26.	0.	0.	14.	0.	1.	0.	19.24
.27	.00	1.88	.00	.000	.013	.000	.000	9.24	1.76
.000215	36.	36.	36.	1	0	0	.00	8.24	10.00
*SECNO 283.600									
283.60	1.63	10.87	.00	.00	11.01	.14	.00	.03	19.24
26.	0.	26.	0.	0.	9.	0.	1.	0.	19.24
.27	.00	2.99	.00	.000	.013	.000	.000	9.24	4.65
.000673	0.	0.	0.	2	0	0	.00	5.34	9.99
*SECNO 283.560									

283.56	1.74	10.98	.00	.00	11.03	.05	.00	.02	19.24
26.	0.	26.	0.	0.	14.	0.	1.	0.	19.24
.27	.00	1.82	.00	.000	.013	.000	.000	9.24	1.76
000194	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 246.980

246.98	1.62	10.98	.00	.00	11.04	.06	.01	.00	19.36
26.	0.	26.	0.	0.	13.	0.	1.	0.	19.36
.28	.00	1.94	.00	.000	.013	.000	.000	9.36	1.76
.000235	37.	37.	37.	1	0	0	.00	8.24	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 246.940

246.94	1.56	10.92	.00	.00	11.07	.15	.00	.04	19.36
26.	0.	26.	0.	0.	8.	0.	1.	0.	19.36
.28	.00	3.12	.00	.000	.013	.000	.000	9.36	4.65
.000758	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 246.900

246.90	1.68	11.04	.00	.00	11.09	.05	.00	.02	19.36
26.	0.	26.	0.	0.	14.	0.	1.	0.	19.36
.28	.00	1.88	.00	.000	.013	.000	.000	9.36	1.76
.000213	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 210.340

210.34	1.56	11.04	.00	.00	11.11	.06	.01	.00	19.48
26.	0.	26.	0.	0.	13.	0.	1.	0.	19.48
.28	.00	2.01	.00	.000	.013	.000	.000	9.48	1.76
.000260	37.	37.	37.	1	0	0	.00	8.24	10.00

*SECNO 210.300

210.30	1.50	10.98	.00	.00	11.15	.16	.00	.04	19.48
26.	0.	26.	0.	0.	8.	0.	1.	0.	19.48
.28	.00	3.24	.00	.000	.013	.000	.000	9.48	4.65
.000849	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 210.260

210.26	1.62	11.11	.00	.00	11.17	.06	.00	.02	19.49
26.	0.	26.	0.	0.	13.	0.	1.	0.	19.49
.28	.00	1.95	.00	.000	.013	.000	.000	9.49	1.76
.000238	0.	0.	0.	2	0	0	.00	8.24	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 173.650

173.65	1.50	11.11	.00	.00	11.18	.07	.01	.00	19.61
26.	0.	26.	0.	0.	12.	0.	1.	0.	19.61
.29	.00	2.09	.00	.000	.013	.000	.000	9.61	1.76
000292	37.	37.	37.	1	0	0	.00	8.24	10.00

*SECNO 173.610

173.61	1.44	11.05	.00	.00	11.22	.18	.00	.04	19.61
26.	0.	26.	0.	0.	8.	0.	1.	0.	19.61
.29	.00	3.40	.00	.000	.013	.000	.000	9.61	4.65
.000967	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 173.570

173.57	1.58	11.19	.00	.00	11.25	.06	.00	.02	19.61
26.	0.	26.	0.	0.	13.	0.	1.	0.	19.61
.29	.00	2.00	.00	.000	.013	.000	.000	9.61	1.76
.000257	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 134.860

134.86	1.45	11.19	.00	.00	11.26	.07	.01	.00	19.74
26.	0.	26.	0.	0.	12.	0.	1.	0.	19.74
.29	.00	2.16	.00	.000	.013	.000	.000	9.74	1.76
.000323	39.	39.	39.	1	0	0	.00	8.24	10.00

*SECNO 134.820

134.82	1.38	11.12	.00	.00	11.31	.19	.00	.05	19.74
26.	0.	26.	0.	0.	7.	0.	1.	0.	19.74
.29	.00	3.54	.00	.000	.013	.000	.000	9.74	4.65
.001088	0.	0.	0.	2	0	0	.00	5.34	9.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

.CNO 134.780

134.78	1.53	11.27	.00	.00	11.34	.07	.00	.03	19.74
26.	0.	26.	0.	0.	13.	0.	1.	0.	19.74
.29	.00	2.06	.00	.000	.013	.000	.000	9.74	1.76
.000279	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 99.860

99.86	1.42	11.28	.00	.00	11.35	.08	.01	.00	19.86
26.	0.	26.	0.	0.	12.	0.	1.	0.	19.86
.30	.00	2.21	.00	.000	.013	.000	.000	9.86	1.76
.000347	35.	35.	35.	1	0	0	.00	8.24	10.00

*SECNO 99.820

99.82	1.34	11.20	.00	.00	11.40	.21	.00	.05	19.86
26.	0.	26.	0.	0.	7.	0.	1.	0.	19.86
.30	.00	3.64	.00	.000	.013	.000	.000	9.86	4.65
.001181	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 99.780

99.78	1.50	11.36	.00	.00	11.43	.07	.00	.03	19.86
26.	0.	26.	0.	0.	12.	0.	1.	0.	19.86
.30	.00	2.09	.00	.000	.013	.000	.000	9.86	1.76
.000295	0.	0.	0.	2	0	0	.00	8.24	10.00

*CNO 89.860

89.86	1.48	11.37	.00	.00	11.44	.07	.00	.00	19.89
26.	0.	26.	0.	0.	12.	0.	1.	0.	19.89
.30	.00	2.13	.00	.000	.013	.000	.000	9.89	1.76
.000310	10.	10.	10.	0	0	0	.00	8.24	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 89.820

89.82	1.41	11.30	.00	.00	11.48	.19	.00	.05	19.89
26.	0.	26.	0.	0.	7.	0.	1.	0.	19.89
.30	.00	3.47	.00	.000	.013	.000	.000	9.89	4.65
.001026	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 89.780

89.78	1.55	11.44	.00	.00	11.51	.06	.00	.02	19.89
26.	0.	26.	0.	0.	13.	0.	1.	0.	19.89
.30	.00	2.03	.00	.000	.013	.000	.000	9.89	1.76
.000268	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 50.860

50.86	1.42	11.45	.00	.00	11.52	.08	.01	.01	20.03
26.	0.	26.	0.	0.	12.	0.	1.	0.	20.03
.31	.00	2.23	.00	.000	.013	.000	.000	10.03	1.76
.000353	39.	39.	39.	2	0	0	.00	8.24	10.00

*SECNO 50.820

50.82	1.34	11.37	.00	.00	11.58	.21	.00	.05	20.03
26.	0.	26.	0.	0.	7.	0.	1.	0.	20.03
.31	.00	3.64	.00	.000	.013	.000	.000	10.03	4.65
.001178	0.	0.	0.	2	0	0	.00	5.34	9.99

.CNO 50.780

50.78	1.50	11.53	.00	.00	11.60	.07	.00	.03	20.03
26.	0.	26.	0.	0.	12.	0.	1.	0.	20.03
.31	.00	2.09	.00	.000	.013	.000	.000	10.03	1.76
.000294	0.	0.	0.	2	0	0	.00	8.24	10.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 30.200

30.20	1.44	11.54	.00	.00	11.61	.07	.01	.00	20.10
26.	0.	26.	0.	0.	12.	0.	1.	0.	20.10
.31	.00	2.18	.00	.000	.013	.000	.000	10.10	1.76
.000334	21.	21.	21.	1	0	0	.00	8.24	10.00

*SECNO 30.160

30.16	1.36	11.46	.00	.00	11.66	.20	.00	.05	20.10
26.	0.	26.	0.	0.	7.	0.	1.	0.	20.10
.31	.00	3.58	.00	.000	.013	.000	.000	10.10	4.65
.001122	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO 30.120

30.12	1.52	11.62	.00	.00	11.69	.07	.00	.03	20.10
26.	0.	26.	0.	0.	13.	0.	1.	0.	20.10
.31	.00	2.07	.00	.000	.013	.000	.000	10.10	1.76
.000285	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO 16.860

16.86	1.48	11.62	.00	.00	11.69	.07	.00	.00	20.14
26.	0.	26.	0.	0.	12.	0.	1.	0.	20.14
.31	.00	2.12	.00	.000	.013	.000	.000	10.14	1.76
.000304	13.	13.	13.	0	0	0	.00	8.24	10.00

*SECNO 16.820

16.82	1.41	11.55	.00	.00	11.74	.18	.00	.05	20.14
26.	0.	26.	0.	0.	8.	0.	1.	0.	20.14
.31	.00	3.45	.00	.000	.013	.000	.000	10.14	4.65
.001008	0.	0.	0.	2	0	0	.00	5.34	9.99

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 16.780

16.78	1.56	11.70	.00	.00	11.76	.06	.00	.02	20.14
26.	0.	26.	0.	0.	13.	0.	1.	0.	20.14
.31	.00	2.02	.00	.000	.013	.000	.000	10.14	1.76
.000265	0.	0.	0.	2	0	0	.00	8.24	10.00

*SECNO .080

.08	1.50	11.70	.00	.00	11.77	.07	.00	.00	20.20
26.	0.	26.	0.	0.	12.	0.	1.	0.	20.20
.31	.00	2.09	.00	.000	.013	.000	.000	10.20	1.76
.000292	17.	17.	17.	0	0	0	.00	8.24	10.00

*SECNO .040

.04	1.43	11.63	.00	.00	11.81	.18	.00	.04	20.20
26.	0.	26.	0.	0.	8.	0.	1.	0.	20.20
.31	.00	3.40	.00	.000	.013	.000	.000	10.20	4.65
.000968	0.	0.	0.	2	0	0	.00	5.34	9.99

*SECNO .000

.00	1.58	11.78	.00	.00	11.84	.06	.00	.02	20.20
26.	0.	26.	0.	0.	13.	0.	1.	0.	20.20
.31	.00	2.00	.00	.000	.013	.000	.000	10.20	1.76
.000265	0.	0.	0.	2	0	0	.00	8.24	10.0