



## DataLog® Drill Report

### Job Information

**Job Location:**

**Name:** Montevideo Veterans Home

**Contact:****Phone:**

**Address:** 2190 Willimas Ave.

**City:** Montevideo, MN, 56265

**Client Information:**

RJ Mechanical

Mike Holznagel

320-6790602

901 North Industrial Park Blvd

Mora, MN, 55051

**Contractor Information:**

Bergerson-Caswell, Inc.

David Henrich

763-479-3121

5115 Industrial Street

Maple Plain, MN, 55359

### Receiver/Job Information

55 data points collected on unit Serial Number: 30188000 in Job 19 on 06/30/2022. Flags and Pins listed below (if applicable).

All units in charts and tables are Distance in ft, Depth in ft, Pitch in %, and Pressure in PSI.

Reference Elevation is not measured.

Entry Point Relative Depth 0.00. Chart and Table zero are the Reference Elevation.

Exit Terrain not surveyed.

First Rod Length is 7.00

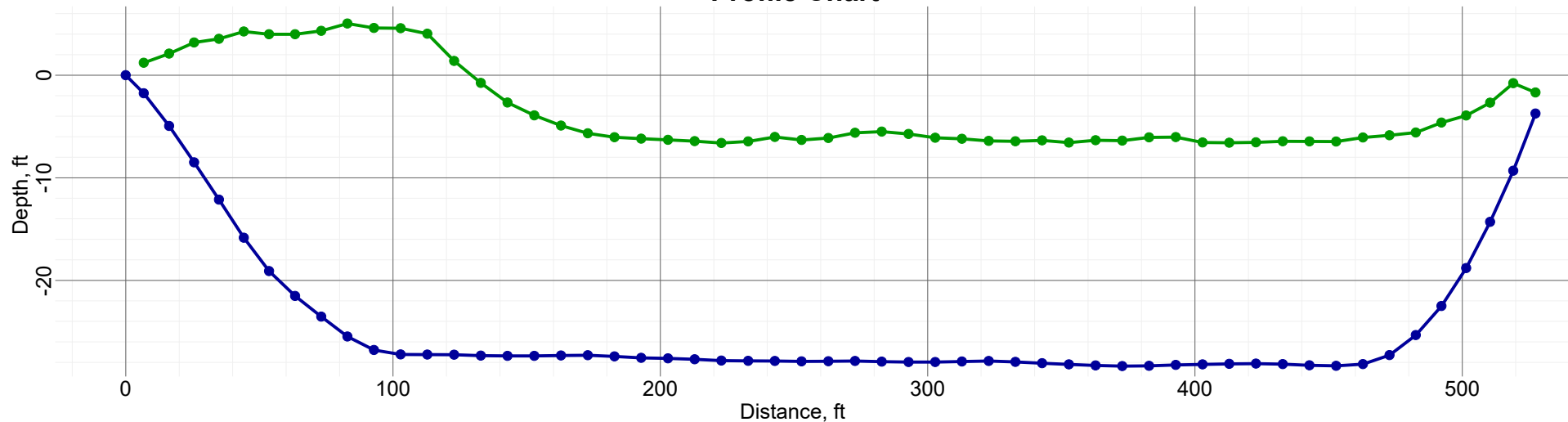
Typical Rod Length is 10.00

Last Rod Length is 10.00

Total number of rods 54

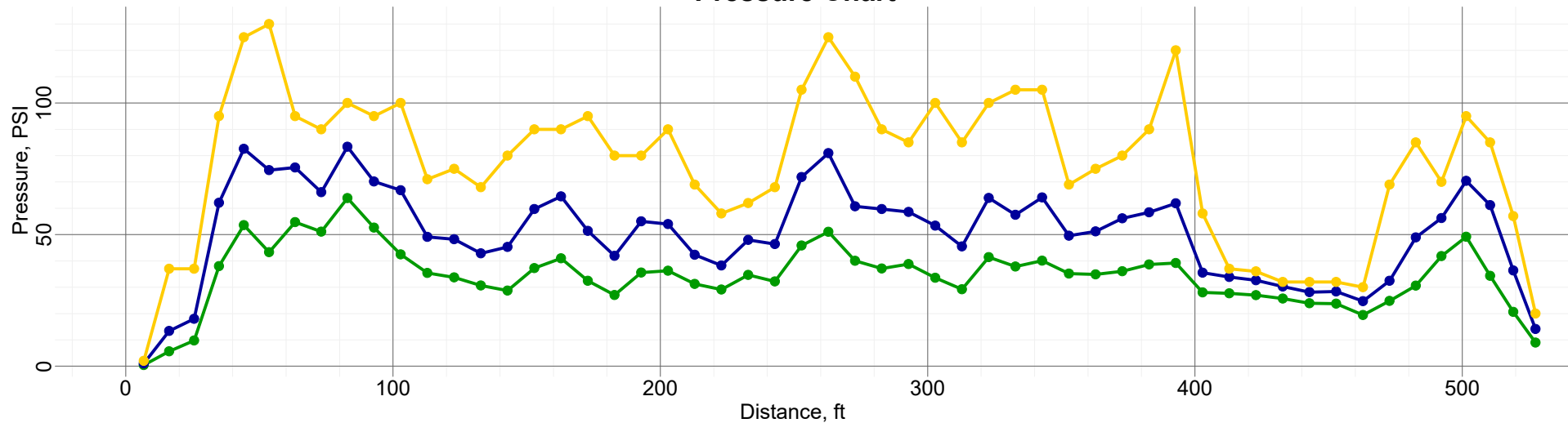
## Drill Data

**Profile Chart**



Blue: Drill Path -- Green: Calculated Terrain

**Pressure Chart**



Green: Average Pressure -- Blue: High Pressure -- Gold: Max Pressure

## Drill Data Points

FLP(Front Locate) - LL(Locate Line) - PO(Pitch Only) - BL(No Data) - o(override) - f(filled in) - i[\*](interpolated)

Rod ID	Type	Bore Len.	X Dist.	Pitch	Rel.Depth	Depth	Rel.Elev.	L/R Offset	Deviation	Latitude	Longitude	GNSS X Dist.
0	PO	0.00	0.00	-22.5	0.00		0.00	N/A	N/A			
1	LL	7.00	6.78	-29.5	-1.76	2.97	1.21	N/A	N/A	44.937959	-95.697078	7.35
2	LL	17.00	16.25	-38.0	-4.95	7.06	2.10	N/A	N/A	44.937930	-95.697074	17.99
3	LL	27.00	25.60	-38.0	-8.50	11.68	3.18	N/A	N/A	44.937896	-95.697076	28.47
4	LL	37.00	34.92	-40.0	-12.14	15.68	3.54	N/A	N/A	44.937849	-95.697081	38.96
5	LL	47.00	44.20	-40.0	-15.85	20.11	4.26	N/A	N/A	44.937863	-95.697043	49.39
6	LL	57.00	53.66	-29.0	-19.11	23.09	3.98	N/A	N/A	44.937820	-95.697063	58.04
7	LL	67.00	63.36	-21.0	-21.53	25.52	3.99	N/A	N/A	44.937796	-95.697074	66.90
8	LL	77.00	73.16	-20.0	-23.54	27.86	4.32	N/A	N/A	44.937778	-95.697057	76.84
9	LL	87.00	82.97	-19.5	-25.47	30.51	5.03	N/A	N/A	44.937746	-95.697059	86.90
10	LL	97.00	92.88	-7.2	-26.79	31.40	4.61	N/A	N/A	44.937719	-95.697069	94.38
11	LL	107.00	102.87	-1.5	-27.23	31.81	4.58	N/A	N/A	44.937693	-95.697072	103.19
12	LL	117.00	112.87	1.3	-27.24	31.27	4.04	N/A	N/A	44.937671	-95.697064	112.60
13	LL	127.00	122.87	-1.5	-27.25	28.63	1.38	N/A	N/A	44.937638	-95.697070	123.16
14	LL	137.00	132.87	-0.5	-27.35	26.59	-0.75	N/A	N/A	44.937610	-95.697063	132.96
15	LL	147.00	142.87	0.0	-27.37	24.70	-2.67	N/A	N/A	44.937606	-95.697064	142.87
16	LL	157.00	152.87	0.1	-27.37	23.44	-3.92	N/A	N/A	44.937549	-95.697059	152.85
17	LL	167.00	162.87	0.8	-27.32	22.40	-4.92	N/A	N/A	44.937482	-95.697130	162.75
18	LL	177.00	172.87	-0.3	-27.30	21.63	-5.67	N/A	N/A	44.937513	-95.697062	172.91
19	LL	187.00	182.87	-2.2	-27.42	21.37	-6.05	N/A	N/A	44.937467	-95.697046	183.18
20	LL	197.00	192.87	-0.5	-27.56	21.36	-6.19	N/A	N/A	44.937443	-95.697058	192.94
21	LL	207.00	202.87	-0.5	-27.61	21.30	-6.31	N/A	N/A	44.937418	-95.697065	202.94
22	LL	217.00	212.87	-1.3	-27.70	21.26	-6.44	N/A	N/A	44.937387	-95.697065	213.05
23	LL	227.00	222.87	-1.3	-27.83	21.22	-6.61	N/A	N/A	44.937362	-95.697070	223.05
24	LL	237.00	232.87	0.7	-27.86	21.40	-6.46	N/A	N/A	44.937328	-95.697062	232.77
25	LL	247.00	242.87	-0.9	-27.87	21.84	-6.02	N/A	N/A	44.937305	-95.697061	243.00
26	LL	257.00	252.87	0.1	-27.91	21.59	-6.32	N/A	N/A	44.937292	-95.697035	252.85
27	LL	267.00	262.87	0.3	-27.89	21.76	-6.12	N/A	N/A	44.937252	-95.697064	262.82
28	LL	277.00	272.87	0.1	-27.87	22.25	-5.62	N/A	N/A	44.937224	-95.697064	272.85
29	LL	287.00	282.87	-1.2	-27.92	22.42	-5.50	N/A	N/A	44.937221	-95.697044	283.04
30	LL	297.00	292.87	0.4	-27.96	22.23	-5.73	N/A	N/A	44.937169	-95.697063	292.81
31	LL	307.00	302.87	-0.4	-27.96	21.86	-6.11	N/A	N/A	44.937141	-95.697060	302.92
32	LL	317.00	312.86	1.4	-27.91	21.71	-6.20	N/A	N/A	44.937119	-95.697071	312.66
33	LL	327.00	322.86	-0.5	-27.87	21.46	-6.41	N/A	N/A	44.937088	-95.697064	322.94
34	LL	337.00	332.86	-1.2	-27.95	21.51	-6.44	N/A	N/A	44.937062	-95.697070	333.04
35	LL	347.00	342.86	-1.3	-28.08	21.72	-6.35	N/A	N/A	44.937033	-95.697068	343.05
36	LL	357.00	352.86	-1.0	-28.19	21.61	-6.58	N/A	N/A	44.936995	-95.697080	353.01
37	LL	367.00	362.86	-1.2	-28.30	21.95	-6.35	N/A	N/A	44.936982	-95.697068	363.04
38	LL	377.00	372.86	-0.1	-28.37	21.99	-6.38	N/A	N/A	44.936922	-95.697090	372.88
39	LL	387.00	382.86	0.7	-28.34	22.27	-6.07	N/A	N/A	44.936967	-95.696983	382.76
40	LL	397.00	392.86	1.2	-28.24	22.21	-6.03	N/A	N/A	44.936901	-95.696960	392.68

FLP(Front Locate) - LL(Locate Line) - PO(Pitch Only) - BL(No Data) - o(override) - f(filled in) - i[\*](interpolated)

Rod ID	Type	Bore Len.	X Dist.	Pitch	Rel.Depth	Depth	Rel.Elev.	L/R Offset	Deviation	Latitude	Longitude	GNSS X Dist.
41	LL	407.00	402.86	-0.2	-28.19	21.63	-6.57	N/A	N/A	44.936815	-95.697122	402.89
42	LL	417.00	412.86	1.1	-28.15	21.56	-6.58	N/A	N/A	44.936834	-95.697057	412.70
43	LL	427.00	422.86	-0.6	-28.12	21.57	-6.55	N/A	N/A	44.936817	-95.697051	422.95
44	LL	437.00	432.86	-0.3	-28.17	21.72	-6.45	N/A	N/A	44.936788	-95.697053	432.90
45	LL	447.00	442.86	-2.0	-28.28	21.82	-6.46	N/A	N/A	44.936760	-95.697059	443.15
46	LL	457.00	452.86	0.8	-28.34	21.88	-6.47	N/A	N/A	44.936732	-95.697054	452.74
47	LL	467.00	462.86	2.7	-28.17	22.10	-6.07	N/A	N/A	44.936707	-95.697054	462.46
48	LL	477.00	472.82	15.0	-27.29	21.42	-5.86	N/A	N/A	44.936688	-95.697027	470.69
49	LL	487.00	482.63	25.0	-25.33	19.73	-5.60	N/A	N/A	44.936662	-95.697048	479.38
50	LL	497.00	492.22	34.0	-22.51	17.88	-4.63	N/A	N/A	44.936635	-95.697032	488.27
51	LL	507.00	501.51	46.0	-18.80	14.87	-3.93	N/A	N/A	44.936609	-95.697038	497.14
52	LL	517.00	510.44	55.0	-14.30	11.62	-2.68	N/A	N/A	44.936579	-95.697049	506.43
53	LL	527.00	519.11	60.0	-9.32	8.53	-0.78	N/A	N/A	44.936555	-95.697047	515.93
54	LL	537.00	527.41	75.0	-3.74	2.05	-1.68	N/A	N/A	44.936527	-95.697045	526.48

## Pressure Data

Pressure Legend...

Rod ID	X Dist.	Num Samples	Avg. Pres.	High Pres.	Max Pres.	Comment
0	0.00	0	N/A	N/A	N/A	
1	6.78	119	0	1	2	
2	16.25	25	6	13	37	
3	25.60	55	10	18	37	
4	34.92	30	38	62	95	
5	44.20	38	54	83	125	
6	53.66	32	43	74	130	
7	63.36	33	55	76	95	
8	73.16	29	51	66	90	
9	82.97	29	64	83	100	
10	92.88	56	53	70	95	
11	102.87	38	42	67	100	
12	112.87	39	35	49	71	
13	122.87	48	34	48	75	
14	132.87	44	31	43	68	
15	142.87	34	29	45	80	
16	152.87	36	37	60	90	
17	162.87	35	41	64	90	
18	172.87	46	32	51	95	
19	182.87	76	27	42	80	
20	192.87	38	36	55	80	
21	202.87	32	36	54	90	
22	212.87	39	31	42	69	
23	222.87	32	29	38	58	
24	232.87	38	35	48	62	
25	242.87	40	32	46	68	
26	252.87	28	46	72	105	
27	262.87	37	51	81	125	
28	272.87	30	40	61	110	
29	282.87	28	37	60	90	
30	292.87	36	39	59	85	
31	302.87	41	34	53	100	
32	312.86	51	29	46	85	
33	322.86	36	41	64	100	
34	332.86	35	38	58	105	
35	342.86	29	40	64	105	
36	352.86	41	35	50	69	
37	362.86	38	35	51	75	
38	372.86	42	36	56	80	
39	382.86	41	39	58	90	
40	392.86	44	39	62	120	

Pressure Legend...

Rod ID	X Dist.	Num Samples	Avg. Pres.	High Pres.	Max Pres.	Comment
41	402.86	68	28	36	58	
42	412.86	42	28	34	37	
43	422.86	54	27	33	36	
44	432.86	47	26	30	32	
45	442.86	41	24	28	32	
46	452.86	48	24	28	32	
47	462.86	142	19	25	30	
48	472.82	73	25	32	69	
49	482.63	50	31	49	85	
50	492.22	30	42	56	70	
51	501.51	34	49	70	95	
52	510.44	23	34	61	85	
53	519.11	29	21	36	57	
54	527.41	32	9	14	20	