



## 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

56 data points collected on unit Serial Number: 30188000 in Job 28 on 07/17/2022. 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

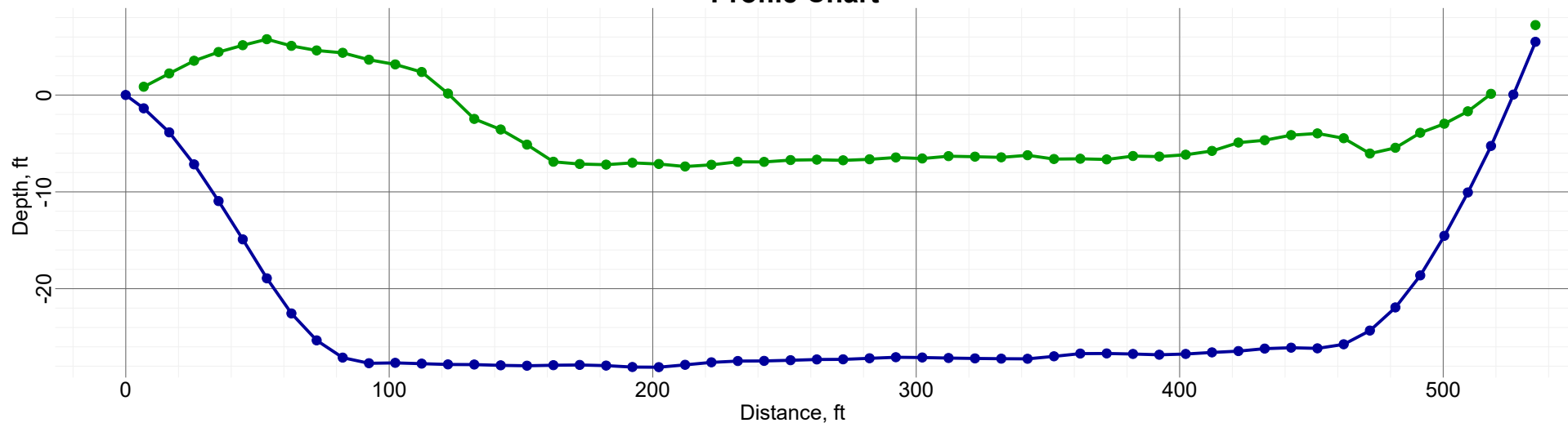
Typical Rod Length is 10.00

Last Rod Length is 10.00

Total number of rods 55

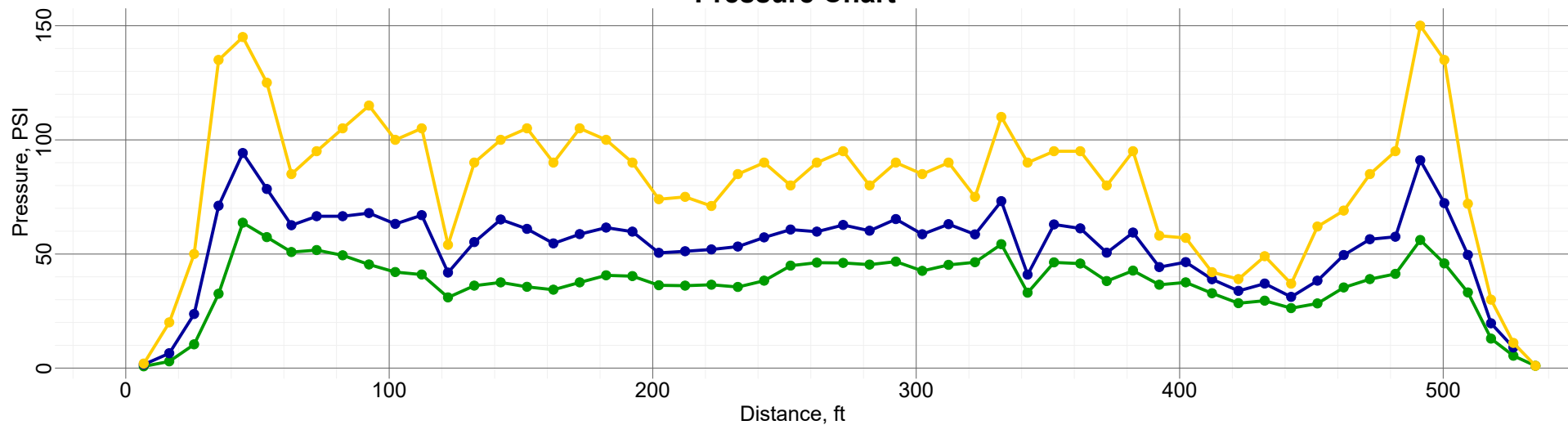
## Drill Data

**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	-18.5	0.00		0.00	N/A	N/A			
1	LL	7.00	6.86	-21.5	-1.37	2.23	0.86	N/A	N/A	44.937946	-95.697161	7.18
2	LL	17.00	16.55	-30.0	-3.86	6.09	2.23	N/A	N/A	44.937950	-95.697124	17.74
3	LL	27.00	25.99	-40.0	-7.16	10.69	3.53	N/A	N/A	44.937891	-95.697145	28.75
4	LL	37.00	35.24	-42.0	-10.95	15.39	4.44	N/A	N/A	44.937856	-95.697205	39.40
5	LL	47.00	44.43	-44.0	-14.90	20.05	5.14	N/A	N/A	44.937827	-95.697156	50.08
6	LL	57.00	53.58	-44.0	-18.93	24.70	5.77	N/A	N/A	44.937804	-95.697166	60.54
7	LL	67.00	62.90	-34.0	-22.56	27.63	5.07	N/A	N/A	44.937775	-95.697161	69.01
8	LL	77.00	72.51	-24.0	-25.34	29.94	4.60	N/A	N/A	44.937755	-95.697157	77.24
9	LL	87.00	82.35	-12.5	-27.13	31.49	4.36	N/A	N/A	44.937733	-95.697248	84.96
10	LL	97.00	92.33	0.8	-27.71	31.36	3.65	N/A	N/A	44.937718	-95.697154	92.16
11	LL	107.00	102.33	0.0	-27.67	30.83	3.16	N/A	N/A	44.937684	-95.697150	102.33
12	LL	117.00	112.33	-1.4	-27.74	30.12	2.38	N/A	N/A	44.937658	-95.697158	112.61
13	LL	127.00	122.33	-0.4	-27.83	27.97	0.15	N/A	N/A	44.937624	-95.697127	122.40
14	LL	137.00	132.33	0.1	-27.84	25.38	-2.46	N/A	N/A	44.937602	-95.697150	132.31
15	LL	147.00	142.33	-1.5	-27.91	24.35	-3.56	N/A	N/A	44.937570	-95.697166	142.57
16	LL	157.00	152.33	0.7	-27.95	22.82	-5.13	N/A	N/A	44.937584	-95.697046	152.22
17	LL	167.00	162.33	0.4	-27.90	21.01	-6.89	N/A	N/A	44.937511	-95.697203	162.27
18	LL	177.00	172.33	-0.1	-27.88	20.76	-7.12	N/A	N/A	44.937494	-95.697150	172.34
19	LL	187.00	182.33	-1.1	-27.94	20.76	-7.18	N/A	N/A	N/A	N/A	N/A
20	LL	197.00	192.33	-1.8	-28.09	21.09	-6.99	N/A	N/A	44.937422	-95.697142	192.58
21	LL	207.00	202.33	1.3	-28.11	20.99	-7.12	N/A	N/A	44.937412	-95.697154	202.15
22	LL	217.00	212.32	3.6	-27.87	20.49	-7.38	N/A	N/A	44.937416	-95.697032	211.83
23	LL	227.00	222.32	1.6	-27.61	20.41	-7.20	N/A	N/A	44.937363	-95.697165	222.10
24	LL	237.00	232.32	1.0	-27.48	20.58	-6.90	N/A	N/A	44.937331	-95.697155	232.18
25	LL	247.00	242.32	-0.5	-27.45	20.54	-6.91	N/A	N/A	44.937301	-95.697142	242.39
26	LL	257.00	252.32	1.6	-27.40	20.68	-6.72	N/A	N/A	44.937277	-95.697142	252.10
27	LL	267.00	262.32	0.1	-27.31	20.64	-6.67	N/A	N/A	44.937264	-95.697133	262.31
28	LL	277.00	272.32	0.3	-27.29	20.55	-6.74	N/A	N/A	44.937215	-95.697148	272.28
29	LL	287.00	282.32	1.8	-27.19	20.55	-6.64	N/A	N/A	44.937189	-95.697143	282.07
30	LL	297.00	292.32	0.3	-27.08	20.64	-6.44	N/A	N/A	44.937165	-95.697147	292.28
31	LL	307.00	302.32	-0.7	-27.10	20.55	-6.56	N/A	N/A	44.937133	-95.697129	302.41
32	LL	317.00	312.32	-0.5	-27.16	20.85	-6.32	N/A	N/A	44.937107	-95.697137	312.39
33	LL	327.00	322.32	-0.3	-27.20	20.84	-6.36	N/A	N/A	44.937087	-95.697134	322.36
34	LL	337.00	332.32	-0.3	-27.23	20.79	-6.44	N/A	N/A	44.937057	-95.697134	332.36
35	LL	347.00	342.32	0.1	-27.24	21.02	-6.22	N/A	N/A	44.937027	-95.697142	342.30
36	LL	357.00	352.31	5.0	-26.99	20.37	-6.62	N/A	N/A	44.936992	-95.697136	351.64
37	LL	367.00	362.31	0.7	-26.70	20.11	-6.59	N/A	N/A	44.936975	-95.697140	362.22
38	LL	377.00	372.31	-0.5	-26.69	20.05	-6.65	N/A	N/A	44.936941	-95.697142	372.38
39	LL	387.00	382.31	-0.6	-26.75	20.45	-6.29	N/A	N/A	44.936906	-95.697184	382.39
40	LL	397.00	392.31	-1.0	-26.83	20.48	-6.35	N/A	N/A	44.936884	-95.697143	392.45

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	402.31	2.6	-26.75	20.58	-6.17	N/A	N/A	44.936901	-95.697149	401.95
42	LL	417.00	412.31	0.6	-26.59	20.82	-5.77	N/A	N/A	44.936843	-95.697103	412.23
43	LL	427.00	422.31	2.2	-26.45	21.54	-4.91	N/A	N/A	44.936812	-95.697155	421.99
44	LL	437.00	432.30	2.9	-26.19	21.52	-4.67	N/A	N/A	44.936787	-95.697151	431.89
45	LL	447.00	442.30	-0.9	-26.09	21.95	-4.14	N/A	N/A	44.936755	-95.697155	442.44
46	LL	457.00	452.30	-0.5	-26.16	22.20	-3.96	N/A	N/A	44.936727	-95.697153	452.38
47	LL	467.00	462.29	9.0	-25.74	21.28	-4.46	N/A	N/A	44.936703	-95.697144	461.02
48	LL	477.00	472.20	19.5	-24.33	18.29	-6.05	N/A	N/A	44.936673	-95.697143	469.84
49	LL	487.00	481.90	30.0	-21.94	16.49	-5.45	N/A	N/A	44.936630	-95.697173	478.67
50	LL	497.00	491.34	40.0	-18.64	14.74	-3.90	N/A	N/A	44.936569	-95.697163	487.55
51	LL	507.00	500.47	50.0	-14.54	11.57	-2.97	N/A	N/A	44.936606	-95.697151	496.80
52	LL	517.00	509.41	50.0	-10.07	8.39	-1.68	N/A	N/A	44.936578	-95.697149	506.75
53	LL	527.00	518.18	60.0	-5.26	5.38	0.12	N/A	N/A	44.936546	-95.697144	516.18
54	PO	537.00	526.66	65.0	0.04		3.60	N/A	N/A			
55	LL	547.00	535.04	65.0	5.49	1.73	7.22	N/A	N/A	44.936530	-95.697148	534.35

## 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	6.86	26	1	2	2	
2	16.55	28	3	6	20	
3	25.99	30	10	24	50	
4	35.24	35	33	71	135	
5	44.43	33	64	94	145	
6	53.58	29	57	78	125	
7	62.90	33	51	63	85	
8	72.51	28	52	67	95	
9	82.35	39	49	67	105	
10	92.33	52	45	68	115	
11	102.33	40	42	63	100	
12	112.33	37	41	67	105	
13	122.33	34	31	42	54	
14	132.33	37	36	55	90	
15	142.33	35	38	65	100	
16	152.33	33	36	61	105	
17	162.33	32	34	55	90	
18	172.33	33	38	59	105	
19	182.33	28	41	62	100	
20	192.33	31	40	60	90	
21	202.33	33	36	50	74	
22	212.32	31	36	51	75	
23	222.32	30	37	52	71	
24	232.32	34	36	53	85	
25	242.32	32	38	57	90	
26	252.32	31	45	61	80	
27	262.32	37	46	60	90	
28	272.32	28	46	63	95	
29	282.32	28	45	60	80	
30	292.32	28	47	65	90	
31	302.32	38	43	59	85	
32	312.32	33	45	63	90	
33	322.32	31	46	59	75	
34	332.32	36	54	73	110	
35	342.32	173	33	41	90	
36	352.31	38	46	63	95	
37	362.31	31	46	61	95	
38	372.31	43	38	51	80	
39	382.31	36	43	59	95	
40	392.31	37	37	44	58	

Pressure Legend...

Rod ID	X Dist.	Num Samples	Avg. Pres.	High Pres.	Max Pres.	Comment
41	402.31	37	38	46	57	
42	412.31	34	33	39	42	
43	422.31	48	28	34	39	
44	432.30	39	30	37	49	
45	442.30	30	26	31	37	
46	452.30	28	28	38	62	
47	462.29	37	35	49	69	
48	472.20	23	39	56	85	
49	481.90	33	41	58	95	
50	491.34	23	56	91	150	
51	500.47	20	46	72	135	
52	509.41	23	33	50	72	
53	518.18	35	13	20	30	
54	526.66	15	5	9	11	
55	535.04	1	1	N/A	1	