



## 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 25 on 07/12/2022. 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

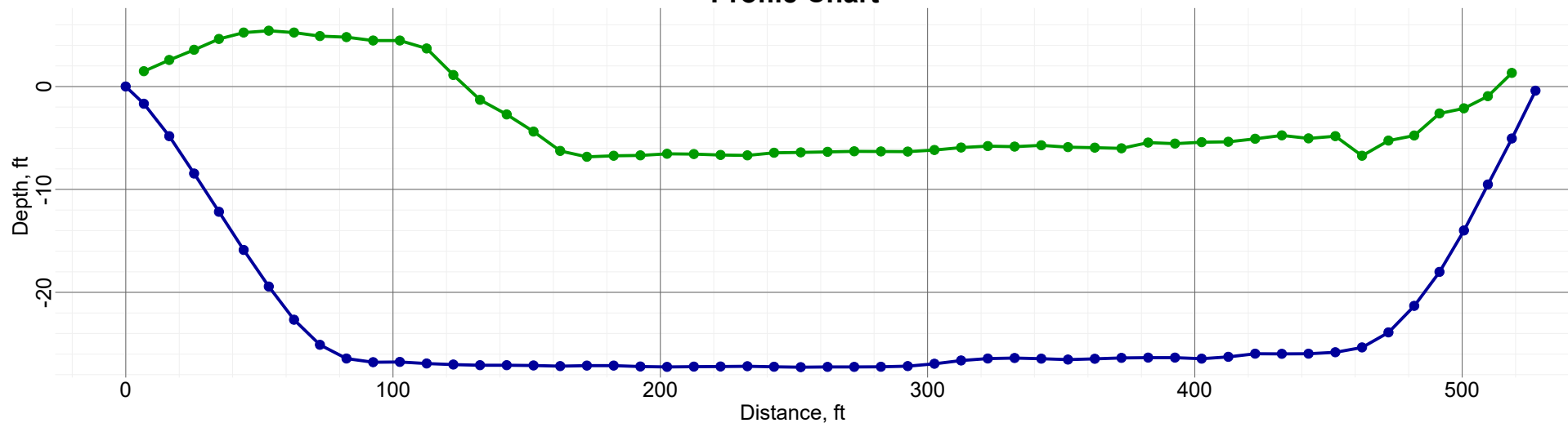
Typical Rod Length is 10.00

Last Rod Length is 10.00

Total number of rods 54

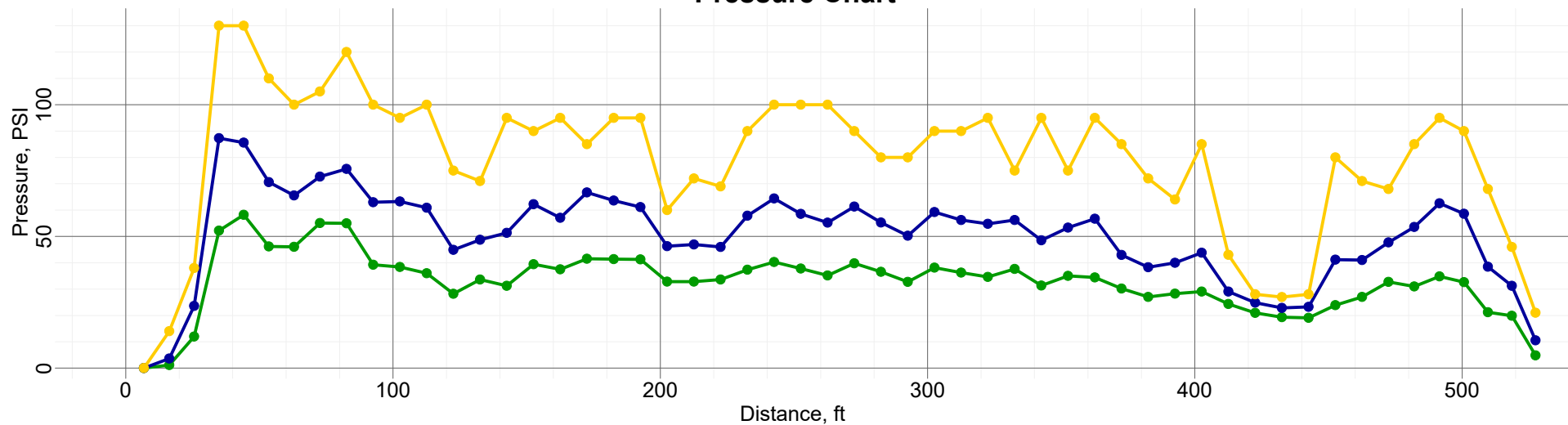
## Drill Data

### 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	-21.0	0.00		0.00	N/A	N/A			
1	LL	7.00	6.80	-28.5	-1.68	3.16	1.48	N/A	N/A	44.937948	-95.697131	7.38
2	LL	17.00	16.29	-38.0	-4.83	7.41	2.58	N/A	N/A	44.937903	-95.697158	18.11
3	LL	27.00	25.60	-40.0	-8.46	12.02	3.56	N/A	N/A	44.937894	-95.697129	28.70
4	LL	37.00	34.89	-40.0	-12.18	16.80	4.62	N/A	N/A	44.937857	-95.697072	39.22
5	LL	47.00	44.17	-40.0	-15.89	21.13	5.24	N/A	N/A	44.937839	-95.697135	49.62
6	LL	57.00	53.52	-36.0	-19.44	24.86	5.42	N/A	N/A	44.937814	-95.697131	59.33
7	LL	67.00	62.99	-32.0	-22.66	27.90	5.24	N/A	N/A	44.937778	-95.697142	68.81
8	LL	77.00	72.69	-18.5	-25.10	29.99	4.89	N/A	N/A	44.937761	-95.697141	76.36
9	LL	87.00	82.60	-8.6	-26.44	31.23	4.79	N/A	N/A	44.937744	-95.697120	84.38
10	LL	97.00	92.59	1.5	-26.79	31.25	4.46	N/A	N/A	44.937714	-95.697125	92.28
11	LL	107.00	102.59	-1.0	-26.77	31.23	4.46	N/A	N/A	44.937692	-95.697128	102.80
12	LL	117.00	112.59	-2.0	-26.92	30.61	3.69	N/A	N/A	44.937660	-95.697127	113.00
13	LL	127.00	122.59	-0.1	-27.02	28.13	1.11	N/A	N/A	44.937639	-95.697126	122.61
14	LL	137.00	132.59	-1.0	-27.08	25.77	-1.30	N/A	N/A	44.937606	-95.697125	132.76
15	LL	147.00	142.59	0.8	-27.09	24.37	-2.72	N/A	N/A	44.937584	-95.697118	142.46
16	LL	157.00	152.59	-1.3	-27.11	22.72	-4.39	N/A	N/A	44.937554	-95.697109	152.79
17	LL	167.00	162.59	0.1	-27.17	20.91	-6.26	N/A	N/A	44.937534	-95.697116	162.57
18	LL	177.00	172.59	0.9	-27.12	20.28	-6.84	N/A	N/A	44.937506	-95.697117	172.47
19	LL	187.00	182.59	-0.9	-27.12	20.38	-6.74	N/A	N/A	44.937473	-95.697116	182.71
20	LL	197.00	192.59	-0.8	-27.21	20.51	-6.70	N/A	N/A	44.937448	-95.697126	192.70
21	LL	207.00	202.59	0.1	-27.24	20.70	-6.54	N/A	N/A	44.937418	-95.697117	202.57
22	LL	217.00	212.59	0.4	-27.22	20.65	-6.57	N/A	N/A	44.937387	-95.697125	212.53
23	LL	227.00	222.59	-0.1	-27.20	20.54	-6.66	N/A	N/A	44.937363	-95.697127	222.60
24	LL	237.00	232.59	0.5	-27.18	20.49	-6.69	N/A	N/A	44.937336	-95.697115	232.52
25	LL	247.00	242.59	-1.5	-27.23	20.79	-6.44	N/A	N/A	44.937299	-95.697131	242.80
26	LL	257.00	252.59	0.6	-27.28	20.88	-6.40	N/A	N/A	44.937271	-95.697124	252.50
27	LL	267.00	262.59	-0.1	-27.25	20.90	-6.36	N/A	N/A	44.937239	-95.697132	262.60
28	LL	277.00	272.59	0.3	-27.24	20.94	-6.30	N/A	N/A	44.937211	-95.697132	272.55
29	LL	287.00	282.59	0.0	-27.23	20.91	-6.31	N/A	N/A	44.937191	-95.697112	282.59
30	LL	297.00	292.59	1.2	-27.17	20.85	-6.32	N/A	N/A	44.937161	-95.697111	292.42
31	LL	307.00	302.59	3.4	-26.94	20.76	-6.18	N/A	N/A	44.937139	-95.697125	302.11
32	LL	317.00	312.58	2.8	-26.63	20.69	-5.93	N/A	N/A	44.937119	-95.697125	312.19
33	LL	327.00	322.58	1.0	-26.44	20.65	-5.79	N/A	N/A	44.937089	-95.697116	322.44
34	LL	337.00	332.58	0.2	-26.38	20.54	-5.84	N/A	N/A	44.937052	-95.697096	332.55
35	LL	347.00	342.58	-1.6	-26.45	20.74	-5.71	N/A	N/A	44.937031	-95.697113	342.80
36	LL	357.00	352.58	-0.1	-26.53	20.64	-5.89	N/A	N/A	44.937005	-95.697115	352.59
37	LL	367.00	362.58	1.6	-26.46	20.51	-5.94	N/A	N/A	44.936978	-95.697113	362.36
38	LL	377.00	372.58	0.1	-26.37	20.36	-6.01	N/A	N/A	44.936951	-95.697113	372.56
39	LL	387.00	382.58	0.4	-26.35	20.89	-5.45	N/A	N/A	44.936924	-95.697101	382.52
40	LL	397.00	392.58	-0.4	-26.35	20.80	-5.55	N/A	N/A	44.936846	-95.697140	392.63

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	402.58	-1.6	-26.45	21.03	-5.41	N/A	N/A	44.936859	-95.697103	402.80
42	LL	417.00	412.57	5.2	-26.27	20.90	-5.37	N/A	N/A	44.936847	-95.697105	411.85
43	LL	427.00	422.57	0.9	-25.96	20.88	-5.08	N/A	N/A	44.936818	-95.697086	422.45
44	LL	437.00	432.57	-1.2	-25.98	21.23	-4.75	N/A	N/A	44.936791	-95.697077	432.74
45	LL	447.00	442.57	1.6	-25.96	20.91	-5.05	N/A	N/A	44.936768	-95.697081	442.35
46	LL	457.00	452.57	1.1	-25.82	20.99	-4.83	N/A	N/A	44.936683	-95.697187	452.42
47	LL	467.00	462.56	8.2	-25.36	18.62	-6.73	N/A	N/A	44.936713	-95.697100	461.54
48	LL	477.00	472.45	21.5	-23.90	18.63	-5.26	N/A	N/A	44.936679	-95.697106	469.81
49	LL	487.00	482.11	32.0	-21.32	16.56	-4.76	N/A	N/A	44.936658	-95.697117	478.66
50	LL	497.00	491.55	38.0	-18.02	15.40	-2.62	N/A	N/A	44.936633	-95.697095	487.77
51	LL	507.00	500.71	50.0	-14.00	11.88	-2.12	N/A	N/A	44.936609	-95.697111	496.95
52	LL	517.00	509.65	50.0	-9.53	8.58	-0.94	N/A	N/A	44.936582	-95.697098	506.94
53	LL	527.00	518.60	50.0	-5.05	6.37	1.32	N/A	N/A	44.936538	-95.697113	516.58
54	PO	537.00	527.45	55.0	-0.41		5.96	N/A	N/A			

## 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	6.80	30	0	0	0	
2	16.29	54	1	4	14	
3	25.60	47	12	24	38	
4	34.89	30	52	87	130	
5	44.17	30	58	86	130	
6	53.52	33	46	71	110	
7	62.99	35	46	66	100	
8	72.69	34	55	73	105	
9	82.60	49	55	76	120	
10	92.59	80	39	63	100	
11	102.59	32	38	63	95	
12	112.59	36	36	61	100	
13	122.59	37	28	45	75	
14	132.59	33	34	49	71	
15	142.59	35	31	51	95	
16	152.59	42	39	62	90	
17	162.59	38	38	57	95	
18	172.59	39	42	67	85	
19	182.59	36	41	64	95	
20	192.59	48	41	61	95	
21	202.59	34	33	46	60	
22	212.59	38	33	47	72	
23	222.59	30	34	46	69	
24	232.59	30	37	58	90	
25	242.59	36	40	64	100	
26	252.59	36	38	59	100	
27	262.59	34	35	55	100	
28	272.59	37	40	61	90	
29	282.59	33	37	55	80	
30	292.59	39	33	50	80	
31	302.59	40	38	59	90	
32	312.58	33	36	56	90	
33	322.58	30	35	55	95	
34	332.58	33	38	56	75	
35	342.58	39	31	49	95	
36	352.58	34	35	53	75	
37	362.58	42	34	57	95	
38	372.58	44	30	43	85	
39	382.58	74	27	38	72	
40	392.58	59	28	40	64	

Pressure Legend...

Rod ID	X Dist.	Num Samples	Avg. Pres.	High Pres.	Max Pres.	Comment
41	402.58	56	29	44	85	
42	412.57	39	24	29	43	
43	422.57	48	21	25	28	
44	432.57	47	19	23	27	
45	442.57	55	19	23	28	
46	452.57	51	24	41	80	
47	462.56	38	27	41	71	
48	472.45	33	33	48	68	
49	482.11	44	31	54	85	
50	491.55	33	35	63	95	
51	500.71	26	33	59	90	
52	509.65	30	21	39	68	
53	518.60	36	20	31	46	
54	527.45	26	5	11	21	