



## 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 46 on 08/09/2022. 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

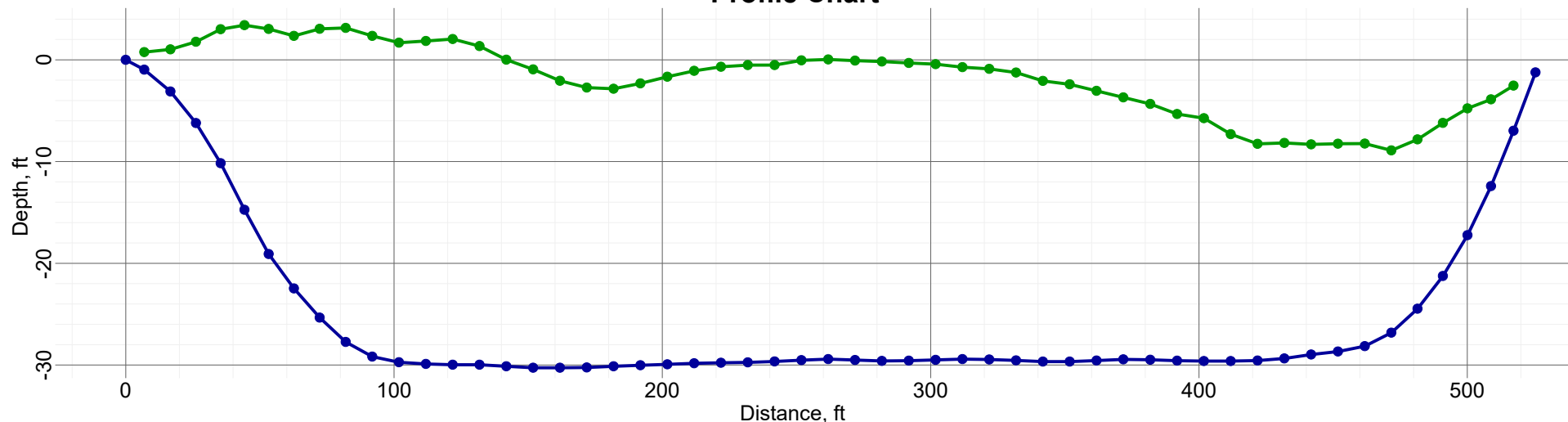
Typical Rod Length is 10.00

Last Rod Length is 10.00

Total number of rods 54

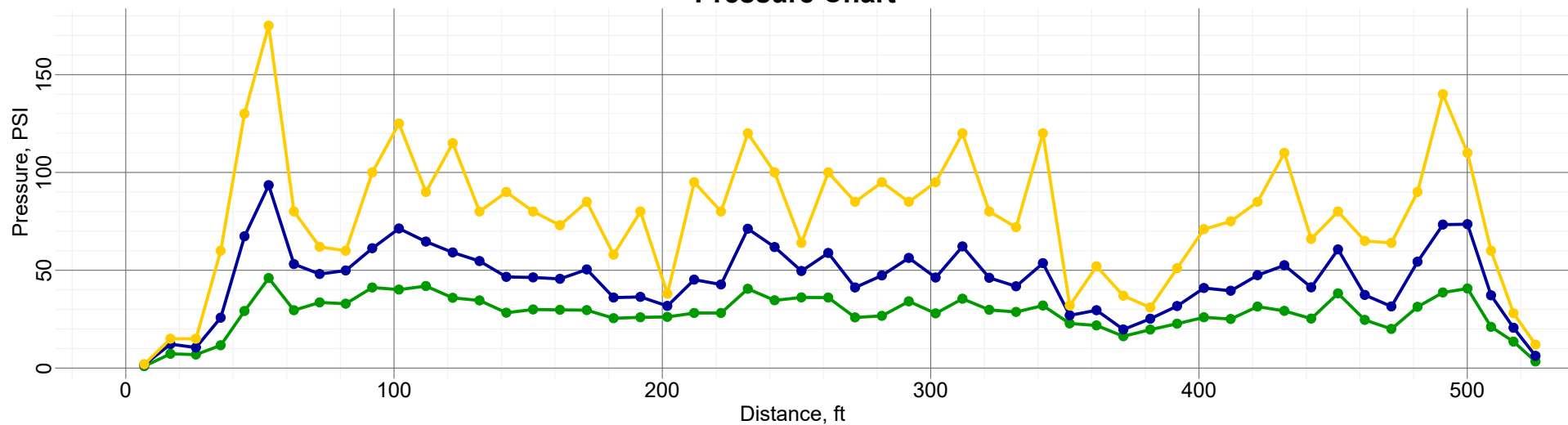
## Drill Data

**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	-11.5	0.00		0.00	N/A	N/A			
1	LL	7.00	6.93	-16.5	-0.97	1.72	0.75	N/A	N/A	44.937948	-95.697372	7.12
2	LL	17.00	16.70	-27.5	-3.11	4.14	1.02	N/A	N/A	44.937921	-95.697381	17.45
3	LL	27.00	26.21	-38.0	-6.22	7.99	1.77	N/A	N/A	44.937891	-95.697368	28.17
4	LL	37.00	35.40	-48.0	-10.16	13.17	3.01	N/A	N/A	44.937858	-95.697374	39.41
5	LL	47.00	44.29	-55.0	-14.74	18.14	3.41	N/A	N/A	44.937828	-95.697367	50.54
6	LL	57.00	53.29	-42.0	-19.09	22.12	3.03	N/A	N/A	44.937812	-95.697359	59.26
7	LL	67.00	62.70	-30.0	-22.47	24.82	2.35	N/A	N/A	44.937781	-95.697353	67.57
8	LL	77.00	72.28	-30.0	-25.34	28.38	3.04	N/A	N/A	44.937756	-95.697346	77.85
9	LL	87.00	81.99	-19.5	-27.74	30.88	3.14	N/A	N/A	44.937730	-95.697343	85.97
10	LL	97.00	91.89	-9.5	-29.17	31.52	2.35	N/A	N/A	44.937705	-95.697345	93.88
11	LL	107.00	101.87	-1.6	-29.72	31.40	1.68	N/A	N/A	44.937688	-95.697336	102.21
12	LL	117.00	111.87	-1.9	-29.90	31.75	1.85	N/A	N/A	44.937658	-95.697339	112.27
13	LL	127.00	121.87	0.4	-29.97	32.01	2.04	N/A	N/A	44.937654	-95.697328	121.78
14	LL	137.00	131.87	-0.3	-29.97	31.32	1.35	N/A	N/A	44.937596	-95.697341	131.93
15	LL	147.00	141.87	-2.8	-30.12	30.14	0.02	N/A	N/A	44.937572	-95.697332	142.43
16	LL	157.00	151.87	0.0	-30.26	29.32	-0.94	N/A	N/A	44.937553	-95.697339	151.87
17	LL	167.00	161.87	-0.2	-30.27	28.21	-2.06	N/A	N/A	44.937518	-95.697348	161.91
18	LL	177.00	171.87	0.8	-30.24	27.52	-2.72	N/A	N/A	44.937466	-95.697397	171.72
19	LL	187.00	181.87	1.6	-30.12	27.28	-2.84	N/A	N/A	44.937468	-95.697338	181.58
20	LL	197.00	191.87	0.4	-30.02	27.71	-2.31	N/A	N/A	44.937391	-95.697314	191.79
21	LL	207.00	201.87	1.4	-29.93	28.27	-1.66	N/A	N/A	44.937417	-95.697341	201.60
22	LL	217.00	211.87	0.7	-29.83	28.74	-1.09	N/A	N/A	44.937393	-95.697343	211.73
23	LL	227.00	221.87	0.4	-29.77	29.09	-0.69	N/A	N/A	44.937398	-95.697314	221.79
24	LL	237.00	231.87	0.2	-29.74	29.22	-0.52	N/A	N/A	44.937416	-95.697151	231.83
25	LL	247.00	241.87	1.6	-29.65	29.14	-0.51	N/A	N/A	44.937354	-95.697255	241.55
26	LL	257.00	251.86	1.1	-29.52	29.46	-0.06	N/A	N/A	44.937279	-95.697324	251.65
27	LL	267.00	261.86	0.9	-29.42	29.46	0.04	N/A	N/A	44.937246	-95.697330	261.69
28	LL	277.00	271.86	-2.8	-29.51	29.43	-0.08	N/A	N/A	44.937215	-95.697333	272.41
29	LL	287.00	281.86	1.0	-29.60	29.44	-0.16	N/A	N/A	44.937162	-95.697348	281.67
30	LL	297.00	291.86	-0.4	-29.57	29.26	-0.31	N/A	N/A	44.937162	-95.697325	291.94
31	LL	307.00	301.86	1.9	-29.50	29.06	-0.43	N/A	N/A	44.937077	-95.697358	301.49
32	LL	317.00	311.86	-0.4	-29.42	28.69	-0.73	N/A	N/A	44.937155	-95.697278	311.94
33	LL	327.00	321.86	-0.2	-29.45	28.56	-0.89	N/A	N/A	44.937111	-95.697363	321.90
34	LL	337.00	331.86	-1.8	-29.55	28.30	-1.25	N/A	N/A	44.937203	-95.697214	332.20
35	LL	347.00	341.86	-0.5	-29.67	27.59	-2.08	N/A	N/A	44.936955	-95.697454	341.95
36	LL	357.00	351.86	0.5	-29.67	27.26	-2.41	N/A	N/A	44.936946	-95.697353	351.77
37	LL	367.00	361.86	1.6	-29.56	26.52	-3.04	N/A	N/A	44.936947	-95.697405	361.58
38	LL	377.00	371.86	0.8	-29.44	25.75	-3.69	N/A	N/A	44.936976	-95.697301	371.72
39	LL	387.00	381.86	-1.5	-29.48	25.14	-4.33	N/A	N/A	44.936919	-95.697327	382.11
40	LL	397.00	391.86	-0.4	-29.57	24.25	-5.32	N/A	N/A	44.936858	-95.697367	391.92

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	401.86	-0.4	-29.61	23.88	-5.73	N/A	N/A	44.936865	-95.697329	401.92
42	LL	417.00	411.86	0.5	-29.61	22.30	-7.31	N/A	N/A	44.936851	-95.697319	411.78
43	LL	427.00	421.86	0.5	-29.56	21.30	-8.25	N/A	N/A	44.936805	-95.697336	421.79
44	LL	437.00	431.86	3.6	-29.35	21.18	-8.17	N/A	N/A	44.936785	-95.697332	431.35
45	LL	447.00	441.85	4.0	-28.97	20.67	-8.30	N/A	N/A	44.936757	-95.697330	441.30
46	LL	457.00	451.85	2.1	-28.67	20.42	-8.24	N/A	N/A	44.936759	-95.697280	451.56
47	LL	467.00	461.83	8.4	-28.14	19.91	-8.23	N/A	N/A	44.936930	-95.697150	460.72
48	LL	477.00	471.74	18.5	-26.81	17.91	-8.91	N/A	N/A	44.936682	-95.697326	469.55
49	LL	487.00	481.46	30.0	-24.46	16.65	-7.82	N/A	N/A	44.936638	-95.697345	478.20
50	LL	497.00	490.93	38.0	-21.25	15.05	-6.20	N/A	N/A	44.936634	-95.697319	487.23
51	LL	507.00	500.09	50.0	-17.23	12.46	-4.77	N/A	N/A	44.936713	-95.697246	496.15
52	LL	517.00	508.86	60.0	-12.42	8.54	-3.88	N/A	N/A	44.936587	-95.697329	505.68
53	LL	527.00	517.24	70.0	-6.98	4.44	-2.53	N/A	N/A	44.936617	-95.697261	515.36
54	PO	537.00	525.44	70.0	-1.24		3.20	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	6.93	32	1	2	2	
2	16.70	30	7	12	15	
3	26.21	22	7	11	15	
4	35.40	40	12	26	60	
5	44.29	26	29	67	130	
6	53.29	26	46	93	175	
7	62.70	27	30	53	80	
8	72.28	21	34	48	62	
9	81.99	29	33	50	60	
10	91.89	27	41	61	100	
11	101.87	29	40	71	125	
12	111.87	24	42	65	90	
13	121.87	41	36	59	115	
14	131.87	28	35	55	80	
15	141.87	39	28	47	90	
16	151.87	36	30	46	80	
17	161.87	34	30	46	73	
18	171.87	35	30	50	85	
19	181.87	30	26	36	58	
20	191.87	38	26	36	80	
21	201.87	37	26	32	38	
22	211.87	44	28	45	95	
23	221.87	41	28	43	80	
24	231.87	35	41	71	120	
25	241.87	35	35	62	100	
26	251.86	31	36	50	64	
27	261.86	34	36	59	100	
28	271.86	35	26	41	85	
29	281.86	33	27	47	95	
30	291.86	32	34	56	85	
31	301.86	45	28	46	95	
32	311.86	28	35	62	120	
33	321.86	36	30	46	80	
34	331.86	41	29	42	72	
35	341.86	47	32	54	120	
36	351.86	43	23	27	32	
37	361.86	37	22	30	52	
38	371.86	190	16	20	37	
39	381.86	34	20	25	31	
40	391.86	34	23	32	51	

Pressure Legend...

Rod ID	X Dist.	Num Samples	Avg. Pres.	High Pres.	Max Pres.	Comment
41	401.86	36	26	41	71	
42	411.86	45	25	40	75	
43	421.86	49	31	48	85	
44	431.86	36	29	53	110	
45	441.85	40	25	41	66	
46	451.85	32	38	61	80	
47	461.83	47	25	37	65	
48	471.74	51	20	31	64	
49	481.46	43	31	54	90	
50	490.93	27	39	73	140	
51	500.09	27	41	74	110	
52	508.86	30	21	37	60	
53	517.24	24	14	21	28	
54	525.44	33	3	6	12	