



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

57 data points collected on unit Serial Number: 30188000 in Job 27 on 07/14/2022. 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

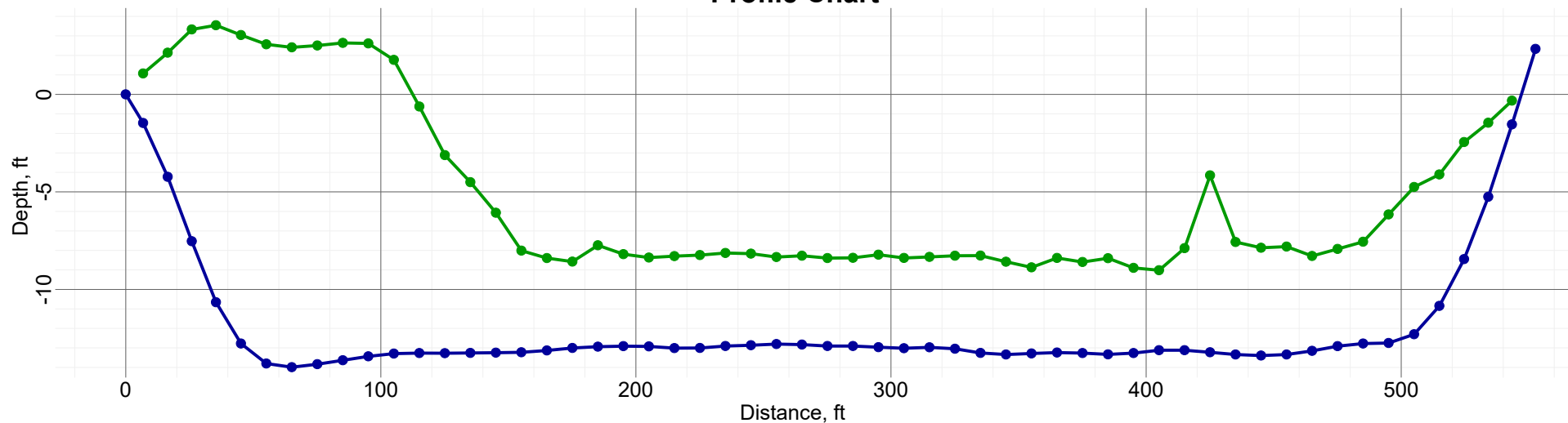
Typical Rod Length is 10.00

Last Rod Length is 10.00

Total number of rods 56

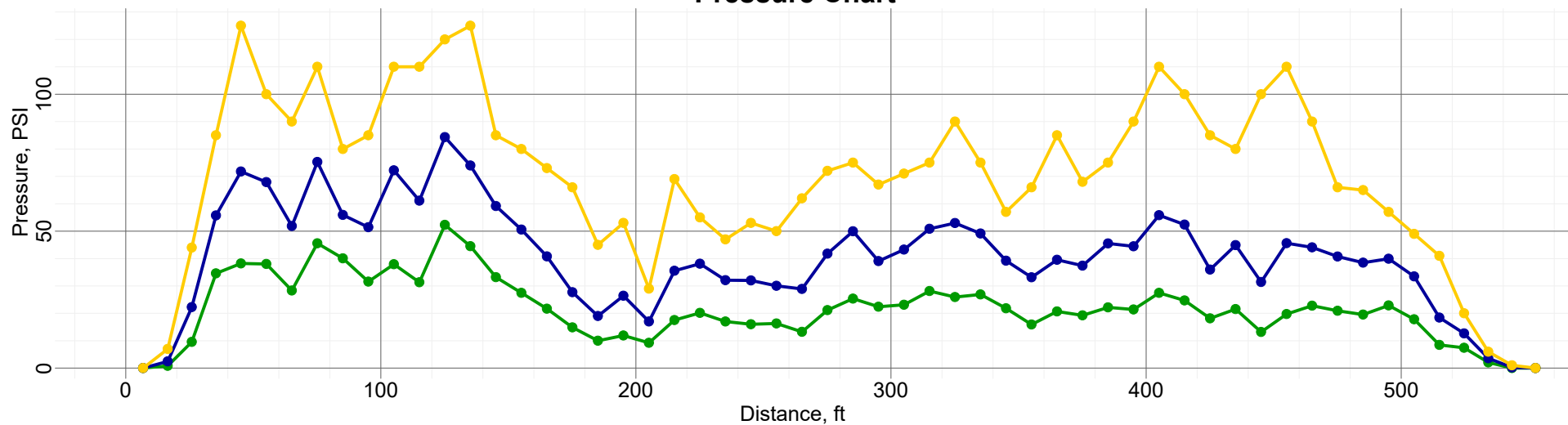
Drill Data

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 | -17.5 | 0.00 | | 0.00 | N/A | N/A | | | |
| 1 | LL | 7.00 | 6.84 | -25.5 | -1.47 | 2.54 | 1.07 | N/A | N/A | 44.937934 | -95.697121 | 7.27 |
| 2 | LL | 17.00 | 16.46 | -32.0 | -4.23 | 6.37 | 2.14 | N/A | N/A | 44.937894 | -95.697132 | 17.78 |
| 3 | LL | 27.00 | 25.89 | -38.0 | -7.53 | 10.86 | 3.33 | N/A | N/A | 44.937869 | -95.697128 | 28.56 |
| 4 | LL | 37.00 | 35.39 | -28.0 | -10.66 | 14.21 | 3.55 | N/A | N/A | 44.937845 | -95.697129 | 38.00 |
| 5 | LL | 47.00 | 45.17 | -15.5 | -12.78 | 15.82 | 3.04 | N/A | N/A | 44.937819 | -95.697118 | 46.79 |
| 6 | LL | 57.00 | 55.11 | -5.2 | -13.80 | 16.37 | 2.57 | N/A | N/A | 44.937798 | -95.697137 | 55.68 |
| 7 | LL | 67.00 | 65.11 | 1.4 | -13.99 | 16.40 | 2.41 | N/A | N/A | 44.937724 | -95.697232 | 64.96 |
| 8 | LL | 77.00 | 75.11 | 1.8 | -13.83 | 16.34 | 2.51 | N/A | N/A | 44.937764 | -95.697167 | 74.91 |
| 9 | LL | 87.00 | 85.11 | 2.1 | -13.64 | 16.28 | 2.64 | N/A | N/A | 44.937715 | -95.697162 | 84.88 |
| 10 | LL | 97.00 | 95.11 | 2.0 | -13.43 | 16.04 | 2.61 | N/A | N/A | 44.937692 | -95.697172 | 94.89 |
| 11 | LL | 107.00 | 105.11 | 0.8 | -13.29 | 15.07 | 1.77 | N/A | N/A | 44.937658 | -95.697130 | 105.03 |
| 12 | LL | 117.00 | 115.11 | -0.2 | -13.26 | 12.64 | -0.62 | N/A | N/A | 44.937634 | -95.697132 | 115.12 |
| 13 | LL | 127.00 | 125.11 | 0.0 | -13.27 | 10.16 | -3.12 | N/A | N/A | 44.937604 | -95.697127 | 125.11 |
| 14 | LL | 137.00 | 135.11 | 0.3 | -13.26 | 8.76 | -4.50 | N/A | N/A | 44.937580 | -95.697057 | 135.09 |
| 15 | LL | 147.00 | 145.11 | 0.0 | -13.24 | 7.17 | -6.07 | N/A | N/A | 44.937559 | -95.697136 | 145.11 |
| 16 | LL | 157.00 | 155.11 | 0.3 | -13.23 | 5.21 | -8.02 | N/A | N/A | 44.937557 | -95.697072 | 155.10 |
| 17 | LL | 167.00 | 165.10 | 1.6 | -13.13 | 4.74 | -8.39 | N/A | N/A | 44.937500 | -95.697126 | 165.05 |
| 18 | LL | 177.00 | 175.10 | 0.9 | -13.01 | 4.43 | -8.58 | N/A | N/A | 44.937468 | -95.697117 | 175.08 |
| 19 | LL | 187.00 | 185.10 | 0.5 | -12.94 | 5.20 | -7.74 | N/A | N/A | 44.937461 | -95.697107 | 185.09 |
| 20 | LL | 197.00 | 195.10 | 0.1 | -12.91 | 4.72 | -8.19 | N/A | N/A | 44.937410 | -95.697117 | 195.10 |
| 21 | LL | 207.00 | 205.10 | -0.4 | -12.92 | 4.55 | -8.37 | N/A | N/A | 44.937377 | -95.697117 | 205.12 |
| 22 | LL | 217.00 | 215.10 | -1.4 | -13.01 | 4.72 | -8.29 | N/A | N/A | 44.937314 | -95.697158 | 215.15 |
| 23 | LL | 227.00 | 225.10 | 1.5 | -13.01 | 4.77 | -8.24 | N/A | N/A | 44.937270 | -95.697182 | 225.06 |
| 24 | LL | 237.00 | 235.10 | 0.6 | -12.90 | 4.77 | -8.13 | N/A | N/A | 44.937267 | -95.697118 | 235.08 |
| 25 | LL | 247.00 | 245.10 | 0.2 | -12.86 | 4.70 | -8.17 | N/A | N/A | 44.937257 | -95.697122 | 245.10 |
| 26 | LL | 257.00 | 255.10 | 1.0 | -12.80 | 4.46 | -8.34 | N/A | N/A | 44.937232 | -95.697115 | 255.07 |
| 27 | LL | 267.00 | 265.10 | -1.5 | -12.83 | 4.55 | -8.28 | N/A | N/A | 44.937196 | -95.697121 | 265.15 |
| 28 | LL | 277.00 | 275.10 | 0.0 | -12.90 | 4.50 | -8.40 | N/A | N/A | 44.937161 | -95.697117 | 275.10 |
| 29 | LL | 287.00 | 285.10 | 0.0 | -12.90 | 4.52 | -8.38 | N/A | N/A | 44.937136 | -95.697112 | 285.10 |
| 30 | LL | 297.00 | 295.10 | -1.2 | -12.96 | 4.74 | -8.22 | N/A | N/A | 44.937071 | -95.697144 | 295.14 |
| 31 | LL | 307.00 | 305.10 | 0.1 | -13.02 | 4.63 | -8.39 | N/A | N/A | 44.937099 | -95.697077 | 305.10 |
| 32 | LL | 317.00 | 315.10 | 0.8 | -12.97 | 4.64 | -8.33 | N/A | N/A | 44.937043 | -95.697115 | 315.08 |
| 33 | LL | 327.00 | 325.10 | -2.3 | -13.05 | 4.77 | -8.28 | N/A | N/A | 44.937023 | -95.697112 | 325.17 |
| 34 | LL | 337.00 | 335.10 | -1.9 | -13.26 | 4.99 | -8.27 | N/A | N/A | 44.937011 | -95.697098 | 335.16 |
| 35 | LL | 347.00 | 345.10 | 0.3 | -13.34 | 4.76 | -8.58 | N/A | N/A | 44.936971 | -95.697109 | 345.09 |
| 36 | LL | 357.00 | 355.10 | 0.7 | -13.29 | 4.42 | -8.87 | N/A | N/A | 44.936957 | -95.697108 | 355.08 |
| 37 | LL | 367.00 | 365.10 | 0.3 | -13.24 | 4.85 | -8.39 | N/A | N/A | 44.936913 | -95.697107 | 365.09 |
| 38 | LL | 377.00 | 375.10 | -0.9 | -13.27 | 4.67 | -8.60 | N/A | N/A | 44.936880 | -95.697107 | 375.13 |
| 39 | LL | 387.00 | 385.10 | -0.4 | -13.33 | 4.93 | -8.40 | N/A | N/A | 44.936884 | -95.697068 | 385.11 |
| 40 | LL | 397.00 | 395.10 | 1.8 | -13.26 | 4.37 | -8.90 | N/A | N/A | 44.936840 | -95.697117 | 395.05 |

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 | 405.10 | 1.1 | -13.12 | 4.10 | -9.01 | N/A | N/A | 44.936813 | -95.697120 | 405.07 |
| 42 | LL | 417.00 | 415.10 | -1.1 | -13.12 | 5.23 | -7.89 | N/A | N/A | 44.936779 | -95.697119 | 415.14 |
| 43 | LL | 427.00 | 425.10 | -1.0 | -13.22 | 9.07 | -4.15 | N/A | N/A | 44.936779 | -95.697119 | 425.16 |
| 44 | LL | 437.00 | 435.10 | -1.3 | -13.34 | 5.77 | -7.57 | N/A | N/A | 44.936779 | -95.697119 | 435.15 |
| 45 | LL | 447.00 | 445.10 | 0.2 | -13.39 | 5.53 | -7.86 | N/A | N/A | 44.936779 | -95.697119 | 445.09 |
| 46 | LL | 457.00 | 455.10 | 0.8 | -13.34 | 5.54 | -7.80 | N/A | N/A | 44.936779 | -95.697119 | 455.07 |
| 47 | LL | 467.00 | 465.09 | 3.0 | -13.15 | 4.86 | -8.29 | N/A | N/A | 44.936779 | -95.697119 | 465.00 |
| 48 | LL | 477.00 | 475.09 | 1.8 | -12.91 | 4.99 | -7.93 | N/A | N/A | 44.936779 | -95.697119 | 475.03 |
| 49 | LL | 487.00 | 485.09 | 0.9 | -12.78 | 5.22 | -7.56 | N/A | N/A | 44.936779 | -95.697119 | 485.06 |
| 50 | LL | 497.00 | 495.09 | -0.4 | -12.75 | 6.60 | -6.16 | N/A | N/A | 44.936779 | -95.697119 | 495.11 |
| 51 | LL | 507.00 | 505.08 | 9.5 | -12.30 | 7.55 | -4.75 | N/A | N/A | 44.936779 | -95.697119 | 504.60 |
| 52 | LL | 517.00 | 514.97 | 20.0 | -10.84 | 6.74 | -4.11 | N/A | N/A | 44.936779 | -95.697119 | 514.08 |
| 53 | LL | 527.00 | 524.68 | 29.5 | -8.45 | 6.00 | -2.45 | N/A | N/A | 44.936779 | -95.697119 | 523.52 |
| 54 | LL | 537.00 | 534.16 | 38.0 | -5.25 | 3.80 | -1.45 | N/A | N/A | 44.936779 | -95.697119 | 533.22 |
| 55 | LL | 547.00 | 543.44 | 42.0 | -1.54 | 1.22 | -0.32 | N/A | N/A | 44.936779 | -95.697119 | 543.11 |
| 56 | PO | 557.00 | 552.66 | 42.0 | 2.33 | | 3.55 | 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 | 6.84 | 20 | 0 | 0 | 0 | |
| 2 | 16.46 | 29 | 1 | 2 | 7 | |
| 3 | 25.89 | 41 | 10 | 22 | 44 | |
| 4 | 35.39 | 28 | 35 | 56 | 85 | |
| 5 | 45.17 | 25 | 38 | 72 | 125 | |
| 6 | 55.11 | 25 | 38 | 68 | 100 | |
| 7 | 65.11 | 44 | 28 | 52 | 90 | |
| 8 | 75.11 | 32 | 46 | 75 | 110 | |
| 9 | 85.11 | 28 | 40 | 56 | 80 | |
| 10 | 95.11 | 36 | 32 | 51 | 85 | |
| 11 | 105.11 | 38 | 38 | 72 | 110 | |
| 12 | 115.11 | 32 | 31 | 61 | 110 | |
| 13 | 125.11 | 27 | 52 | 84 | 120 | |
| 14 | 135.11 | 28 | 45 | 74 | 125 | |
| 15 | 145.11 | 28 | 33 | 59 | 85 | |
| 16 | 155.11 | 30 | 27 | 51 | 80 | |
| 17 | 165.10 | 37 | 22 | 41 | 73 | |
| 18 | 175.10 | 41 | 15 | 28 | 66 | |
| 19 | 185.10 | 39 | 10 | 19 | 45 | |
| 20 | 195.10 | 23 | 12 | 26 | 53 | |
| 21 | 205.10 | 32 | 9 | 17 | 29 | |
| 22 | 215.10 | 58 | 18 | 36 | 69 | |
| 23 | 225.10 | 22 | 20 | 38 | 55 | |
| 24 | 235.10 | 25 | 17 | 32 | 47 | |
| 25 | 245.10 | 28 | 16 | 32 | 53 | |
| 26 | 255.10 | 26 | 16 | 30 | 50 | |
| 27 | 265.10 | 30 | 13 | 29 | 62 | |
| 28 | 275.10 | 26 | 21 | 42 | 72 | |
| 29 | 285.10 | 24 | 25 | 50 | 75 | |
| 30 | 295.10 | 24 | 22 | 39 | 67 | |
| 31 | 305.10 | 27 | 23 | 43 | 71 | |
| 32 | 315.10 | 32 | 28 | 51 | 75 | |
| 33 | 325.10 | 25 | 26 | 53 | 90 | |
| 34 | 335.10 | 31 | 27 | 49 | 75 | |
| 35 | 345.10 | 28 | 22 | 39 | 57 | |
| 36 | 355.10 | 42 | 16 | 33 | 66 | |
| 37 | 365.10 | 32 | 21 | 40 | 85 | |
| 38 | 375.10 | 49 | 19 | 37 | 68 | |
| 39 | 385.10 | 29 | 22 | 46 | 75 | |
| 40 | 395.10 | 31 | 21 | 44 | 90 | |

Pressure Legend...

| Rod ID | X Dist. | Num Samples | Avg. Pres. | High Pres. | Max Pres. | Comment |
|--------|---------|-------------|------------|------------|-----------|---------|
| 41 | 405.10 | 36 | 27 | 56 | 110 | |
| 42 | 415.10 | 43 | 25 | 52 | 100 | |
| 43 | 425.10 | 49 | 18 | 36 | 85 | |
| 44 | 435.10 | 26 | 22 | 45 | 80 | |
| 45 | 445.10 | 166 | 13 | 31 | 100 | |
| 46 | 455.10 | 34 | 20 | 46 | 110 | |
| 47 | 465.09 | 32 | 23 | 44 | 90 | |
| 48 | 475.09 | 24 | 21 | 41 | 66 | |
| 49 | 485.09 | 30 | 20 | 38 | 65 | |
| 50 | 495.09 | 24 | 23 | 40 | 57 | |
| 51 | 505.08 | 26 | 18 | 34 | 49 | |
| 52 | 514.97 | 25 | 8 | 18 | 41 | |
| 53 | 524.68 | 22 | 7 | 13 | 20 | |
| 54 | 534.16 | 17 | 2 | 4 | 6 | |
| 55 | 543.44 | 24 | 0 | 0 | 1 | |
| 56 | 552.66 | 2 | 0 | 0 | 0 | |