

| Location: | Co | | Site: | TPLMST | | Date: | 20250109 | | |
|-----------------------|-----------------|-----------------------------|-------------------------------|---|------------------------------|---|----------------------------------|----------------------|---------------------|
| Time: | 0940 | | Observers: | Emelius Skinner | | Interval board SWE measurement | | | |
| Precip Rate | None | Very Light (0.5 cm / hr) | Light (1 cm / hr) | Moderate (5 cm / hr) | Heavy (10 cm / hr) | Sample A | 8.2 | 8.5 | 103.65 |
| Precip Type | Rain | Snow | Graupel | Hail | Rain/Snow | Sample B | 8.8 | 9.5 | 107.95 |
| Sky | Clear | Few (< 1/4 of sky) | Scattered (1/4-1/2 of sky) | Broken (> 1/2 of sky) | Overcast (complete cover) | Sample C | 8.6 | 9.5 | 105.46 |
| Wind | Calm (0 mph) | Light (1 - 16 mph) | Moderate (17 - 25 mph) | Strong (26 - 38 mph) | Extreme (> 38 mph) | Ground condition | Frozen | Moist | Saturated |
| Tree Canopy | No trees | Sparse (5-20%) | Open (20-70%) | Closed <td>Ground vegetation</td> <td>< 5 cm</td> <td>Smooth</td> <td>Rough (5 - 20 cm)</td> <td>Rugged (> 20 cm)</td> | Ground vegetation | < 5 cm | Smooth | Rough (5 - 20 cm) | Rugged (> 20 cm) |
| Instrument | YN | SN | Instrument | YN | SN | Additional Comments | Height of Ground Vegetation (cm) | 20cm | |
| Digital LWC | N | | Snow Scope | Y | 734 | Snow Peaking through clouds Sky & clouds clearing @ 1010 | | | |
| Stratigraphy pictures | Y | | Lyte Probe | N | | Weather | | | |
| Standard ram | Y | | SMP | N | | | | | |
| Powder Ram | Y | | Force Ram | Y | | Pit | | | |
| Slush Ram | N | | Force Snow Scope | Y | 234 | Hardness | | | |
| HS Transects | Y | | Snow Scope Transects | N | | | | | |
| Pit Pictures | Y | | SSA/NIR Box | Y | 101 | Photo Cleared 2025 | | | |
| Other | | | | | | Misc | Hs @ Stake | 63 cm | |

| Location (Regional Scale) | Date (YYYYMMDD) | Observers (first initial & last name): | Comments/Notes: | | | | | | | | | | | | | | |
|---------------------------|------------------------------|--|---------------------------|--------------------------------------|--------------------------------------|-----------------------------|---------|----------------------|--------------------|------------|---------------|-----------------|-----------------------|------|----|----------------------------|--|
| CO | 20250109 | Eric Cane | | | | | | | | | | | | | | | |
| Pit ID SITEYYMMDD | Snow Depth (cm) | LWC Device & SN | Temperature profile times | | | | | | | | | | | | | | |
| Depth | LWC | UTME | START END | | | | | | | | | | | | | | |
| TRMST20250109 | 69 | 10.1 15.8 mm 0.1 | 0953 | | | | | | | | | | | | | | |
| | | 0424546 | 0955 1007 | | | | | | | | | | | | | | |
| | | 4417704 | GPS device & uncertainty: | | | | | | | | | | | | | | |
| | | 133 | Ground less than 2 cm | | | | | | | | | | | | | | |
| Density | LWC | Temperature | Stratigraphy | | | | | | | | | | | | | | |
| Height above ground | Density profile A (kg/m3) | Density profile B (kg/m3) | Extra Density | Permittivity profile A (unitless) | Permittivity profile B (unitless) | Height above ground (cm) | T oC | Height above ground | Grain Size (mm) | Grain Type | Hand Hardness | Manual Wellness | Stratigraphy Comments | | | | |
| top - bottom (cm) | kg/m3 | kg/m3 | kg/m3 | (unitless) | (unitless) | (cm) | | top - bottom (cm) | Max | Min | Avg | | | | | | |
| 63 - 51.2 | 11.8 | 15 | 12.11 | | | 65 | -9.5 | 65 | 64.5 | 0.5 | 0.1 | 0.3 | PPsd | F | D | PPGSP few needles & plains | |
| 51.2 - 34.8 | 16.4 | 35 | 13.41 | | | 68 | -11 | 50 | -9.5 | 64.5 | 50 | 0.5 | Dfir | F | D | Fc Sf | |
| 34.8 - 15.8 | 19 | 42.5 | 123.68 | | | 90 | -9.5 | 30 | 2.5 | 50 | 1 | 0.3 | 0.5 | Dfir | YF | D | |
| 15.8 - 0 | 15.8 | 32.5 | 125.69 | | | 20 | -3.5 | 50 | -35 | 4.8 | 0.1 | 0.5 | 0.5 | RCnf | YF | D | |
| 0 - 2.6 | 48.5 | 20 | 49.549 | | | 10 | -2 | 35 | -15 | 2.5 | 1 | 1.5 | 0.5 | Dfir | YF | D | |
| 2.6 - 5.5 | 83 | 15.3 | 35.5/27.9 | | | 0 | 0 | 15 | 2.5 | 1 | 1.5 | 0.5 | 0.5 | Dfir | YF | D | |
| 5.5 - 11.5 | 35.3 | 12.9 | 27.4/25.8 | | | 15 | -0.1 | 30 | 0 | 1 | 1.5 | 0.5 | 0.5 | Dfir | YF | D | |
| 11.5 - 16.3 | 69.3 | 16.1 | 18.1/15.8 | | | 15 | -0.1 | 15 | 2.5 | 1 | 1.5 | 0.5 | 0.5 | Dfir | YF | D | |
| 16.3 - 46.3 | 46.3 | 36.7 | 45.7/23 | | | 15 | -0 | 6 | 1 | 2 | 0.5 | 0.5 | 0.5 | Dfir | E | D | |
| 46.3 - 50.1 | 30.7 | 19.9 | 50/4.8 | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 50.1 - 55.5 | 31.8 | 32.8 | 5.4/3.6 | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 55.5 - 60.5 | 30.5 | 30.9 | 34.9/5.9 | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 60.5 - 65.5 | 11.6 | 4.5 | 11 | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 65.5 - 70.5 | 18.9 | 19.5 | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 70.5 - 75.5 | 21.3 | 21.4 | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 75.5 - 80.5 | 19.9 | 21.3 | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 80.5 - 85.5 | 21.1 | 21.3 | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 85.5 - 90.5 | 20.6 | 19.3 | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 90.5 - 95.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 95.5 - 100.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 100.5 - 105.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 105.5 - 110.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 110.5 - 115.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 115.5 - 120.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 120.5 - 125.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 125.5 - 130.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 130.5 - 135.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 135.5 - 140.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 140.5 - 145.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 145.5 - 150.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 150.5 - 155.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 155.5 - 160.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 160.5 - 165.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 165.5 - 170.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 170.5 - 175.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 175.5 - 180.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 180.5 - 185.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 185.5 - 190.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 190.5 - 195.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 195.5 - 200.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 200.5 - 205.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 205.5 - 210.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 210.5 - 215.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 215.5 - 220.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 220.5 - 225.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 225.5 - 230.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 230.5 - 235.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 235.5 - 240.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 240.5 - 245.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 245.5 - 250.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 250.5 - 255.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 255.5 - 260.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 260.5 - 265.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 265.5 - 270.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 270.5 - 275.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 275.5 - 280.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 280.5 - 285.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 285.5 - 290.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 290.5 - 295.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 295.5 - 300.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 300.5 - 305.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 305.5 - 310.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 310.5 - 315.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 315.5 - 320.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 320.5 - 325.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 325.5 - 330.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 330.5 - 335.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 335.5 - 340.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 340.5 - 345.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 345.5 - 350.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 350.5 - 355.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 355.5 - 360.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 360.5 - 365.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 365.5 - 370.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 370.5 - 375.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 375.5 - 380.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 380.5 - 385.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 385.5 - 390.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 390.5 - 395.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 395.5 - 400.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 400.5 - 405.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 405.5 - 410.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 410.5 - 415.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 415.5 - 420.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 420.5 - 425.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 425.5 - 430.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 430.5 - 435.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 435.5 - 440.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 440.5 - 445.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 445.5 - 450.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 450.5 - 455.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 455.5 - 460.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 460.5 - 465.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 465.5 - 470.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 470.5 - 475.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 475.5 - 480.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 480.5 - 485.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 485.5 - 490.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 490.5 - 495.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 495.5 - 500.5 | - | - | - | | | - | - | - | - | - | - | - | - | Dfir | E | D | |
| 500.5 - 505.5 | - | - | | | | | | | | | | | | | | | |

| Location: | Co | Date: | 20250109 | Force | Depth | Depth | |
|-----------|---------|-------|-------------|-------|-----------|------------|------|
| Site: | TPMNT | Time: | | max | manual | digital | Grnd |
| X-Coord | Y-Coord | Time | Data Type | SN | Profile # | Force Gage | N |
| 0 | 30 | 1039 | STD R4M | | | | |
| 30 | ↓ | 1040 | Pow Run | | | | |
| 0 | 60 | 1047 | Slope | 23d | 1130 | | |
| 20 | | 1047 | | | 1131 | 66 | 60 |
| 60 | | 1047 | | | 1132 | 66 | 59 |
| 90 | | 1048 | | | 1134 | 65 | 58 |
| 120 | ↓ | 1049 | | | 1135 | 66 | 61 |
| 0 | 90 | 1050 | Force Run | | 50N | 18.05 | 55 |
| 30 | | 1051 | | | 1235 | 59 | |
| 60 | | 1051 | | | 1175 | 59 | |
| 90 | | 1051 | | | 1175 | 55 | |
| 120 | ↓ | 1051 | | | 1605 | 58 | |
| 0 | 120 | 1052 | Force Slope | 234 | 1136 | 4.10 | 55 |
| 30 | | 1053 | | | 1137 | 4.13 | 54 |
| 60 | | 1053 | | | 1138 | 4.10 | 57 |
| 90 | | 1053 | | | 1139 | 4.13 | 55 |
| 120 | ↓ | 1054 | | | 1140 | 3.35 | 60 |

| Location (regional scale) | | Site (study plot) | | Transects | | Date | Time | | | |
|---------------------------|---------|--------------------|---------|------------|---------|------------|---------|-----|--|--|
| CO | | TPMct | | TPA | | 2025/01/09 | Start | End | | |
| Observer(s) | | Wx Description | | | | | | | | |
| C. C. Skinner | | GVC S-1 LIGHT NONE | | | | | | | | |
| Transect A | | | | Transect B | | | | | | |
| Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | | | |
| 0 | 71 | 31 | 72 | 0 | 68 | 31 | | | | |
| 1 | 63 | 32 | 68 | 1 | 63 | 32 | | | | |
| 2 | 75 | 33 | 69 | 2 | 70 | 33 | | | | |
| 3 | 55 | 34 | 74 | 3 | 70 | 34 | | | | |
| 4 | 76 | 35 | 68 | 4 | 67 | 35 | | | | |
| 5 | 70 | 36 | 73 | 5 | 39 | 36 | | | | |
| 6 | 69 | 37 | 72 | 6 | 55 | 37 | | | | |
| 7 | 68 | 38 | 64 | 7 | 65 | 38 | | | | |
| 8 | 66 | 39 | 49 | 8 | 76 | 39 | | | | |
| 9 | 75 | 40 | 65 | 9 | 61 | 40 | | | | |
| 10 | 60 | 41 | 71 | 10 | 58 | 41 | | | | |
| 11 | 72 | 42 | 71 | 11 | 57 | 42 | | | | |
| 12 | 54 | 43 | 68 | 12 | 49 | 43 | | | | |
| 13 | 70 | 44 | 69 | 13 | 51 | 44 | | | | |
| 14 | 62 | 45 | 65 | 14 | 56 | 45 | | | | |
| 15 | 58 | 46 | 70 | 15 | 64 | 46 | | | | |
| 16 | 60 | 47 | 69 | 16 | 71 | 47 | | | | |
| 17 | 70 | 48 | 72 | 17 | 74 | 48 | | | | |
| 18 | 72 | 49 | 76 | 18 | 54 | 49 | | | | |
| 19 | 57 | 50 | 71 | 19 | | 50 | | | | |
| 20 | 48 | 51 | 68 | 20 | | 51 | | | | |
| 21 | 61 | 52 | 65 | 21 | | 52 | | | | |
| 22 | 73 | 53 | 54 | 22 | | 53 | | | | |
| 23 | 52 | 54 | 61 | 23 | | 54 | | | | |
| 24 | 70 | 55 | 71 | 24 | | 55 | | | | |
| 25 | 69 | 56 | 67 | 25 | | 56 | | | | |
| 26 | 62 | 57 | 64 | 26 | | 57 | | | | |
| 27 | 59 | 58 | 62 | 27 | | 58 | | | | |
| 28 | 61 | 59 | 58 | 28 | | 59 | | | | |
| 29 | 66 | 60 | 41 | 29 | | 60 | | | | |
| 30 | 63 | | 63 | 30 | | | | | | |

| Location (regional scale) | | Site (study plot) | | Transects | | Date | Time | | | |
|---------------------------|---------|--------------------|---------|------------|---------|----------|---------------|-------------|--|--|
| Co | | JPLMST | | JPLB | | 20250109 | Start 0914 | End 0917 | | |
| Observer(s) | | Wx Description | | | | | | | | |
| Lorraine Skinner | | OVC S-1 LIGHT None | | | | | | | | |
| Transect A | | | | Transect B | | | | | | |
| Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | | | |
| 0 | 67 | 31 | | 0 | | 31 | | | | |
| 1 | 69 | 32 | | 1 | | 32 | | | | |
| 2 | 72 | 33 | | 2 | | 33 | | | | |
| 3 | 68 | 34 | | 3 | | 34 | | | | |
| 4 | 65 | 35 | | 4 | | 35 | | | | |
| 5 | 65 | 36 | | 5 | | 36 | | | | |
| 6 | 65 | 37 | | 6 | | 37 | | | | |
| 7 | 69 | 38 | | 7 | | 38 | | | | |
| 8 | 63 | 39 | | 8 | | 39 | | | | |
| 9 | 67 | 40 | | 9 | | 40 | | | | |
| 10 | 70 | 41 | | 10 | | 41 | | | | |
| 11 | 61 | 42 | | 11 | | 42 | | | | |
| 12 | 64 | 43 | | 12 | | 43 | | | | |
| 13 | 66 | 44 | | 13 | | 44 | | | | |
| 14 | 67 | 45 | | 14 | | 45 | | | | |
| 15 | 67 | 46 | | 15 | | 46 | | | | |
| 16 | 69 | 47 | | 16 | | 47 | | | | |
| 17 | 62 | 48 | | 17 | | 48 | | | | |
| 18 | 66 | 49 | | 18 | | 49 | | | | |
| 19 | 68 | 50 | | 19 | | 50 | | | | |
| 20 | 65 | 51 | | 20 | | 51 | | | | |
| 21 | 65 | 52 | | 21 | | 52 | | | | |
| 22 | | 53 | | 22 | | 53 | | | | |
| 23 | | 54 | | 23 | | 54 | | | | |
| 24 | | 55 | | 24 | | 55 | | | | |
| 25 | | 56 | | 25 | | 56 | | | | |
| 26 | | 57 | | 26 | | 57 | | | | |
| 27 | | 58 | | 27 | | 58 | | | | |
| 28 | | 59 | | 28 | | 59 | | | | |
| 29 | | 60 | | 29 | | 60 | | | | |
| 30 | | | | 30 | | | | | | |

| Location (regional scale) | | Site (study plot) | | Transects | | Date | Time | | | |
|---------------------------|---------|--------------------|---------|----------------------|---------|----------|---------|-----|--|--|
| CO | | JPLMET | | JPL1,2 | | 20250109 | Start | End | | |
| Observer(s) | | Wx Description | | | | | | | | |
| Gudger Skinner | | OVC S-1 LIGHT NONE | | | | | | | | |
| Transect A | | | | 0909 Transect B 0912 | | | | | | |
| Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | | | |
| 0 | | 31 | | 0 | 17 | 31 A | 47 | | | |
| 1 | | 32 | | 1 | 42 | 32 B | 46 | | | |
| 2 | | 33 | | 2 | 52 | 33 C | 44 | | | |
| 3 | | 34 | | 3 | 56 | 34 D | 34 | | | |
| 4 | | 35 | | 4 | 58 | 35 E | 54 | | | |
| 5 | | 36 | | 5 | 66 | 36 F | 55 | | | |
| 6 | | 37 | | 6 | 61 | 37 G | 43 | | | |
| 7 | | 38 | | 7 | 61 | 38 H | 52 | | | |
| 8 | | 39 | | 8 | 56 | 39 I | 46 | | | |
| 9 | | 40 | | 9 | | 40 J | 54 | | | |
| 10 | | 41 | | 10 | | 41 | | | | |
| 11 | | 42 | | 11 | | 42 | | | | |
| 12 | | 43 | | 12 | | 43 | | | | |
| 13 | | 44 | | 13 | | 44 | | | | |
| 14 | | 45 | | 14 | | 45 | | | | |
| 15 | | 46 | | 15 | | 46 | | | | |
| 16 | | 47 | | 16 | | 47 | | | | |
| 17 | | 48 | | 17 | | 48 | | | | |
| 18 | | 49 | | 18 | | 49 | | | | |
| 19 | | 50 | | 19 | | 50 | | | | |
| 20 | | 51 | | 20 | | 51 | | | | |
| 21 | | 52 | | 21 | | 52 | | | | |
| 22 | | 53 | | 22 | | 53 | | | | |
| 23 | | 54 | | 23 | | 54 | | | | |
| 24 | | 55 | | 24 | | 55 | | | | |
| 25 | | 56 | | 25 | | 56 | | | | |
| 26 | | 57 | | 26 | | 57 | | | | |
| 27 | | 58 | | 27 | | 58 | | | | |
| 28 | | 59 | | 28 | | 59 | | | | |
| 29 | | 60 | | 29 | | 60 | | | | |
| 30 | | | | 30 | | | | | | |

| Location (regional scale) | | Site (study plot) | | Transects | | Date | Time | | | |
|---------------------------|---------|----------------------|---------|-----------|---------|----------|---------|-----|--|--|
| CO | | JPLMST | | RADAR 1,2 | | 20250107 | Start | End | | |
| Observer(s) | | Wx Description | | | | | | | | |
| Charles Skinner | | LIGHT SI OVC NONE | | | | | | | | |
| 0902 Transect A 0905 | | 0906 Transect B 0908 | | | | | | | | |
| Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | | | |
| 0 | 68 | 31 | | 0 | 49 | 31 | | | | |
| 1 | 62 | 32 | | 1 | 57 | 32 | | | | |
| 2 | 62 | 33 | | 2 | 69 | 33 | | | | |
| 3 | 62 | 34 | | 3 | 69 | 34 | | | | |
| 4 | 66 | 35 | | 4 | 67 | 35 | | | | |
| 5 | 62 | 36 | | 5 | 64 | 36 | | | | |
| 6 | 63 | 37 | | 6 | 66 | 37 | | | | |
| 7 | 63 | 38 | | 7 | 66 | 38 | | | | |
| 8 | 61 | 39 | | 8 | 68 | 39 | | | | |
| 9 | 63 | 40 | | 9 | 67 | 40 | | | | |
| 10 | 60 | 41 | | 10 | 66 | 41 | | | | |
| 11 | 58 | 42 | | 11 | 67 | 42 | | | | |
| 12 | 65 | 43 | | 12 | 66 | 43 | | | | |
| 13 | 65 | 44 | | 13 | 67 | 44 | | | | |
| 14 | 63 | 45 | | 14 | 66 | 45 | | | | |
| 15 | 63 | 46 | | 15 | 65 | 46 | | | | |
| 16 | | 47 | | 16 | 66 | 47 | | | | |
| 17 | | 48 | | 17 | 61 | 48 | | | | |
| 18 | | 49 | | 18 | 63 | 49 | | | | |
| 19 | | 50 | | 19 | | 50 | | | | |
| 20 | | 51 | | 20 | | 51 | | | | |
| 21 | | 52 | | 21 | | 52 | | | | |
| 22 | | 53 | | 22 | | 53 | | | | |
| 23 | | 54 | | 23 | | 54 | | | | |
| 24 | | 55 | | 24 | | 55 | | | | |
| 25 | | 56 | | 25 | | 56 | | | | |
| 26 | | 57 | | 26 | | 57 | | | | |
| 27 | | 58 | | 27 | | 58 | | | | |
| 28 | | 59 | | 28 | | 59 | | | | |
| 29 | | 60 | | 29 | | 60 | | | | |
| 30 | | | | 30 | | | | | | |

Ram Penetrometer Field Data Sheet

| Location: | Co | | | | | | | Tube weight | T | kg |
|--------------------------------|-----------------|---|----|-------|---|---|----------------------|----------------------------|------|----|
| Site: | JPLMET | | | | | | | Hammer weight | H | kg |
| Associated pit/transect/point: | JPLMET 20250109 | | | | | | | Number of falls | n | |
| Date: | 20250109 | | | | | | | Fall height | f | cm |
| Observer: | GREGORY SKINNEY | | | | | | | Location of point | p | cm |
| UTME: | UTMN: | | | Zone: | | | $RN = T + H + nfH/p$ | | | |
| Ram type: | Ram mass: kg | | | | | | | $RR = 9.81(T + H + nfH/p)$ | | |
| T | H | n | f | p | T | H | n | f | p | |
| 1 | 0 | 0 | 0 | 66 | | | 1 | 5 | 42 | |
| 1 | 0.5 | 0 | 0 | 66 | | | | | 43 | |
| | | | | | | | | | 44 | |
| | | | | | | | | | 45 | |
| 0.1 | 0 | 0 | 0 | 9 | | | 2 | 5 | 46 | |
| 0.1 | 0.1 | 0 | 0 | 9 | | | | | 47 | |
| | | 1 | 1 | 10 | | | | | 48 | |
| | | 3 | 1 | 11 | | | | | 49 | |
| | | 1 | 3 | 12 | | | | | 50 | |
| | | | | 13 | | | | | 51 | |
| | | 2 | 3 | 14 | | | 3 | 5 | 52 | |
| | | 2 | 4 | 15 | | | 2 | 5 | 53 | |
| | | 2 | 5 | 16 | | | 1 | 5 | 54 | |
| | | 3 | 5 | 17 | | | 2 | 5 | 55 | |
| | | 2 | 10 | 18 | | | 1 | 5 | 56 | |
| | | 1 | 16 | 19 | | | | | 57 | |
| | | | | 20 | | | | | 58 | |
| | | | | 21 | | | | | 59 | |
| | | 2 | 10 | 22 | | | 2 | 5 | 60 | |
| | | 1 | 10 | 23 | | | | | 61 | |
| | | 2 | 10 | 24 | | | | | 62 | |
| | | | | 25 | | | | | 63 | |
| | | | | 26 | | | 4 | 5 | 63.5 | |
| | | | | 27 | | | 1 | 20 | 64 | |
| | | | | 28 | | | 2 | 20 | 65 | |
| | | | | 29 | | | | | | |
| | | | | 30 | | | | | | |
| | | | | 31 | | | | | | |
| | | | | 32 | | | | | | |
| | | 1 | 10 | 33 | | | | | | |
| | | | | 34 | | | | | | |
| | | | | 35 | | | | | | |
| | 1 | 5 | | 36 | | | | | | |
| | | | | 37 | | | | | | |
| | | | | 38 | | | | | | |
| | | | | 39 | | | | | | |
| | | | | 40 | | | | | | |
| | | | | 41 | | | | | | |

Notes: