

| Location (Regional Scale) | Date (YYYYMMDD) | Observers (first initial & last name): | | Comments/Notes: | |
|---------------------------|-------------------|--|-------------------|---------------------------|------------------------|
| Site (Study Plot) | Time (pit opened) | | | Temperature profile times | |
| Pit ID | SITEYYYYMMDD | Snow Depth (cm) | LWC Device & SN | UTME | UTMN |
| JPLM4978250118 | 77 | 061 527 | 260K 134g | 0424543 | 4417698 |
| Density | | | | | |
| Height above ground | Density profile A | Density profile B | Extra Density | Permittivity profile A | Permittivity profile B |
| top - bottom (cm) | kg/m ³ | kg/m ³ | kg/m ³ | (unitless) | (unitless) |
| 72.6 - 63.2 | 9.4 | 14.5 | 15.1 | 77 | -7 |
| 63.2 - 55.2 | 8 | 13.5 | 16.9 | 70 | -10.5 |
| 55.2 - 32.6 | 27.6 | 53.5 | 73.8 | 67 | -11 |
| 32.6 - 17.0 | 19.8 | 44.5 | 72.5 | 60 | -10 |
| 17.0 - 0 | 12.8 | 27.5 | 21.5 | 50 | -7.5 |
| - | - | - | - | 40 | -5.3 |
| - | - | - | - | 34 | -4 |
| - | - | - | - | 34 | -14 |
| - | - | - | - | 6 | 2 |
| - | - | - | - | 4 | 4E |
| - | - | - | - | 1 | D |
| - | - | - | - | 1 | D |
| - | - | - | - | 1 | D |
| - | - | - | - | 1 | D |
| - | - | - | - | 1 | D |
| Stratigraphy | | | | | |
| Height above ground | Grain Size (mm) | | | Stratigraphy Comments | |
| top - bottom (cm) | Max | Min | Avg | Grain Type | Hand Hardness |
| 77 - 67 | 1 | 0.3 | 0.5 | FCSF | F |
| 67 - 59 | 1 | 0.3 | 0.5 | FCxR | C |
| 59 - 34 | 2 | 0.5 | 1 | FCxO | D |
| 34 - 14 | 2 | 0.5 | 1 | FCxO | D |
| 14 - 6 | 2 | 0.5 | 1 | FCxH | D |
| 6 - 2 | 2 | 0.5 | 1 | FCxH | D |
| 2 - 1 | 2 | 0.5 | 1 | FCxH | D |
| 1 - 1 | 1 | 0.5 | 1 | FCxH | D |

| Location: | Co | | Site: | TPlnt | | Date: | 20250128 | | | |
|-----------------------|-----------------|-----------------------|-------------------------------|--------------------------|-------------------------------|---|--------------------|----------------------------------|---------------------|------------------------------|
| Time: | | | Observers: | Gn Cis Skuntry | | 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) | Depth (cm) | SWE (mm) | Density (kg/m³) | Evidence of melt loss? (Y/N) |
| Precip Type | Rain | Snow | Graupel | Hail | Rain/Snow | Sample A | 10.5 | 131 | | |
| Sky | Clear | Few (< 1/4 of sky) | Scattered (1/4-1/2 of sky) | Broken (> 1/2 of sky) | Overscast (complete cover) | Sample B | 8.6 | 10.5 | 122 | Y |
| Wind | Calm (0 mph) | Light (1 - 16 mph) | Moderate (17 - 25 mph) | Strong (26 - 38 mph) | Extreme (> 38 mph) | Ground condition | Smooth (< 5 mm) | Rough (5 - 20 cm) | Rugged (> 20 cm) | |
| Tree Canopy | No trees | Sparse (5 - 20%) | Open (20 - 70%) | Closed (> 70%) | Ground Vegetation | Bare | Smooth (< 5 mm) | Rough (5 - 20 cm) | Rugged (> 20 cm) | |
| Instrument | Y/N | SN | Instrument | Y/N | SN | Additional Comments | | Height of Ground Vegetation (cm) | 10 | |
| Digital LWC | N | | Snow Scope | X | 15 | Weather | | | | |
| Stratigraphy pictures | Y | | Lyte Probe | N | | CT255C 014 1 CRIB BEK Ectwir 54 n | | | | |
| Standard ram | Y | | SMP | N | | Pit | | | | |
| Powder Ram | Y | | Force Ram | Y | | | | | | |
| Slush Ram | N | | Force Snow Scope | Y | 15 | | | | | |
| HS Transects | V | | Snow Scope Transects | N | | Hardness | | | | |
| Pit Pictures | Y | | SSA / NIR Box | Y | 101 | LADIO CLEAR 1208 HC TR 0 GRANKE | | | | |
| Other | | | | | | Misc | | | | |

Ram Penetrometer Field Data Sheet

| Location (regional scale) | | Site (study plot) | | Transects | | Date | Time | | | |
|---------------------------|---------|-------------------|---------|------------|---------|-------|---------|-----|--|--|
| | | | | | | | Start | End | | |
| Observer(s) | | Wx Description | | | | | | | | |
| <i>Gullus Skewey</i> | | CL. UGNT NO: None | | | | | | | | |
| Transect A | | | | Transect B | | | | | | |
| Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | | | |
| 0 | 84 | 31 | 83 | 0 | 75 | 31 | | | | |
| 1 | 85 | 32 | 77 | 1 | 72 | 32 | | | | |
| 2 | 83 | 33 | 82 | 2 | 82 | 33 | | | | |
| 3 | 65 | 34 | 83 | 3 | 80 | 34 | | | | |
| 4 | 84 | 35 | 81 | 4 | 65 | 35 | | | | |
| 5 | 80 | 36 | 81 | 5 | 38 | 36 | | | | |
| 6 | 77 | 37 | 85 | 6 | 64 | 37 | | | | |
| 7 | 80 | 38 | 76 | 7 | 76 | 38 | | | | |
| 8 | 76 | 39 | 59 | 8 | 84 | 39 | | | | |
| 9 | 83 | 40 | 78 | 9 | 81 | 40 | | | | |
| 10 | 79 | 41 | 79 | 10 | 75 | 41 | | | | |
| 11 | 83 | 42 | 81 | 11 | 70 | 42 | | | | |
| 12 | 73 | 43 | 80 | 12 | 56 | 43 | | | | |
| 13 | 82 | 44 | 78 | 13 | 58 | 44 | | | | |
| 14 | 75 | 45 | 83 | 14 | 72 | 45 | | | | |
| 15 | 65 | 46 | 81 | 15 | 74 | 46 | | | | |
| 16 | 74 | 47 | 80 | 16 | 86 | 47 | | | | |
| 17 | 80 | 48 | 83 | 17 | 83 | 48 | | | | |
| 18 | 83 | 49 | 84 | 18 | 62 | 49 | | | | |
| 19 | 74 | 50 | 83 | 19 | | 50 | | | | |
| 20 | 53 | 51 | 76 | 20 | | 51 | | | | |
| 21 | 78 | 52 | 77 | 21 | | 52 | | | | |
| 22 | 80 | 53 | 69 | 22 | | 53 | | | | |
| 23 | 76 | 54 | 71 | 23 | | 54 | | | | |
| 24 | 84 | 55 | 80 | 24 | | 55 | | | | |
| 25 | 76 | 56 | 77 | 25 | | 56 | | | | |
| 26 | 77 | 57 | 79 | 26 | | 57 | | | | |
| 27 | 79 | 58 | 71 | 27 | | 58 | | | | |
| 28 | 80 | 59 | 68 | 28 | | 59 | | | | |
| 29 | 73 | 60 | 47 | 29 | | 60 | | | | |
| 30 | 75 | | 73 | 30 | | | | | | |

| Location (regional scale) | | Site (study plot) | | Transects | Date | Time | |
|---------------------------|---------|------------------------|---------|-----------|----------|-------|---------|
| Co | | JPL MGT | | RADAR 1,2 | 20250128 | Start | End |
| Observer(s) | | Wx Description | | | | | |
| <i>Eucalyptus</i> Scrubby | | CLR, LIGHT, No, None | | | | | |
| 1213 Transect A 1217 | | 121218 Transect B 1221 | | | | | |
| Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | Point | HS (cm) |
| 0 | 75 | 31 | | 0 | 69 | 31 | |
| 1 | 75 | 32 | | 1 | 74 | 32 | |
| 2 | 73 | 33 | | 2 | 78 | 33 | |
| 3 | 75 | 34 | | 3 | 80 | 34 | |
| 4 | 75 | 35 | | 4 | 77 | 35 | |
| 5 | 71 | 36 | | 5 | 75 | 36 | |
| 6 | 74 | 37 | | 6 | 76 | 37 | |
| 7 | 73 | 38 | | 7 | 76 | 38 | |
| 8 | 72 | 39 | | 8 | 77 | 39 | |
| 9 | 70 | 40 | | 9 | 76 | 40 | |
| 10 | 73 | 41 | | 10 | 74 | 41 | |
| 11 | 68 | 42 | | 11 | 77 | 42 | |
| 12 | 74 | 43 | | 12 | 76 | 43 | |
| 13 | 76 | 44 | | 13 | 76 | 44 | |
| 14 | 74 | 45 | | 14 | 74 | 45 | |
| 15 | 73 | 46 | | 15 | 74 | 46 | |
| 16 | | 47 | | 16 | 77 | 47 | |
| 17 | | 48 | | 17 | 75 | 48 | |
| 18 | | 49 | | 18 | 71 | 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 | | | |
|---------------------------|---------|-------------------|---------|----------------------|---------|----------|---------|-----|--|--|
| | | | | | | | Start | End | | |
| Co | | JPMET | | 5PL 1,2 | | 20250128 | | | | |
| Observer(s) | | Wx Description | | | | | | | | |
| Gwen G Seaman | | Cir Light No None | | | | | | | | |
| 1227 Transect A 1232 | | | | 1222 Transect B 1225 | | | | | | |
| Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | Point | HS (cm) | | | |
| 0 | 75 | 31 | | 0 | 70 | 31 A | 55 | | | |
| 1 | 80 | 32 | | 1 | 51 | 32 B | 55 | | | |
| 2 | 82 | 33 | | 2 | 68 | 33 C | 59 | | | |
| 3 | 78 | 34 | | 3 | 69 | 34 D | 41 | | | |
| 4 | 76 | 35 | | 4 | 69 | 35 E | 61 | | | |
| 5 | 79 | 36 | | 5 | 77 | 36 F | 63 | | | |
| 6 | 74 | 37 | | 6 | 70 | 37 G | 48 | | | |
| 7 | 76 | 38 | | 7 | 71 | 38 H | 57 | | | |
| 8 | 72 | 39 | | 8 | 62 | 39 I | 56 | | | |
| 9 | 75 | 40 | | 9 | | 40 J | 59 | | | |
| 10 | 80 | 41 | | 10 | | 41 | | | | |
| 11 | 71 | 42 | | 11 | | 42 | | | | |
| 12 | 78 | 43 | | 12 | | 43 | | | | |
| 13 | 74 | 44 | | 13 | | 44 | | | | |
| 14 | 75 | 45 | | 14 | | 45 | | | | |
| 15 | 79 | 46 | | 15 | | 46 | | | | |
| 16 | 75 | 47 | | 16 | | 47 | | | | |
| 17 | 74 | 48 | | 17 | | 48 | | | | |
| 18 | 75 | 49 | | 18 | | 49 | | | | |
| 19 | 78 | 50 | | 19 | | 50 | | | | |
| 20 | 76 | 51 | | 20 | | 51 | | | | |
| 21 | 75 | 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: Co

Site: Plumer

Date: 20250120

Time:

Pit: TPLMFT 20250120

Observers: Gwaelor Skivvyy

Force
max
NDepth
manual
cmDepth
digital
cmGrnd
Y/N

X-Coord Y-Coord Time Data Type SN Profile # Force Gage

Comments

| | | | | | | | | | | | | |
|-----|------|------|-------------|-----|------|------|-------|----|---|--|--|--|
| 0 | 30 | 1411 | Snap Pmt | | | | | | | | | |
| 30 | 0 | 1414 | Raw Line | | | | | | | | | |
| 30 | 60 | 1426 | Scope | 191 | 837 | | | | | | | |
| 60 | 1427 | | | | | 838 | | | | | | |
| 90 | 1427 | | | | | 839 | | | | | | |
| 120 | 0 | 1427 | | | | 840 | | | | | | |
| 120 | 30 | 1435 | Scope Line | | | 841 | | | | | | |
| 60 | 30 | 1436 | | | | 500 | | | | | | |
| 90 | 1436 | | | | | | 14.05 | 64 | N | | | |
| 120 | 1436 | | | | | | 22.85 | 66 | | | | |
| 0 | 170 | 1447 | Scope Scope | 234 | 1231 | | | | | | | |
| 30 | 1447 | | | | | 3.05 | 68 | 67 | | | | |
| 60 | 1448 | | | | | 3.55 | 70 | 69 | | | | |
| 90 | 1450 | | | | | 3.85 | 70 | 67 | | | | |
| 120 | 1451 | | | | | 5.15 | 67 | 64 | | | | |
| | | | | | | 3.4 | 68 | 63 | | | | |
| | | | | | | | | | | | | |

TANACOS