

Location:	Co	Site:	TPNKT	Date:	20250211				
Time:	1125	Observers:	Eric Lutz Skjernsrød	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 resulting in SWE loss? (Y/N)
Precip Type	Rain	Snow	Gravel	Hail	Rain/Snow	Sample A	7.8	9.5	122
Sky	Clear	Few <th>Scattered<br (&lt;="" 1="" 2="" 4-1="" of="" sky)<="" th=""/><th>Broken (&lt; 1/2 of sky)</th><th>Overcast (complete cover)</th><th>Sample B</th><td>7.8</td><td>9.5</td><td>122</td></th>	Scattered <th>Broken (&lt; 1/2 of sky)</th> <th>Overcast (complete cover)</th> <th>Sample B</th> <td>7.8</td> <td>9.5</td> <td>122</td>	Broken (< 1/2 of sky)	Overcast (complete cover)	Sample B	7.8	9.5	122
Wind	Calm (0 mph)	Light (1-16 mph)	Moderate (17 - 25 mph)	Strong (26 - 38 mph)	Extreme <th>Ground roughness</th> <td>Smooth<br (&lt;="" 5="" cm)<="" td=""/><td>Rough (5 - 20 cm)</td><td>Rugged (&gt; 20 cm)</td></td>	Ground roughness	Smooth <td>Rough (5 - 20 cm)</td> <td>Rugged (&gt; 20 cm)</td>	Rough (5 - 20 cm)	Rugged (> 20 cm)
Tree Canopy	No trees	Sparse (5-20%)	Open (20-70%)	Closed <td>Ground Vegetation</td> <th>Bare</th> <td>Moist (grass)</td> <th>Shrub</th> <th>Deadfall</th>	Ground Vegetation	Bare	Moist (grass)	Shrub	Deadfall
Instrument	Y/N	SN	Instrument	Y/N	SN	Additional Comments		Height of Ground Vegetation (cm)	20
Digital LWC			Snow Scope			Weather			
Stratigraphy pictures			Lytte Probe						
Standard ram			SMP			CT22 BLK CT25 BLK CUTX			
Powder Ram			Force Ram						
Slush Ram			Force Snow Scope						
HS Transects			Snow Scope Transects						
Pit Pictures			SSA / NIR Box			HS 67.5 ° Slope			
Other			Misc			HS 67.5 ° Slope			

HS 67.5 ° Slope  
HS 67.5 ° Slope

Location (regional scale)		Site (study plot)		Transects		Date	Time			
CO		JPL Met		JPLA		20250215	Start	End		
Observer(s)		Wx Description								
S.Kinney E.McCue		OVL Light No None								
Transect A				Transect B						
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	83	31	83	0	74	31				
1	83	32	72	1	64	32				
2	84	33	73	2	76	33				
3	69	34	76	3	82	34				
4	82	35	76	4	66	35				
5	78	36	78	5	30	36				
6	75	37	84	6	65	37				
7	77	38	69	7	72	38				
8	82	39	44	8	79	39				
9	85	40	71	9	78	40				
10	65	41	75	10	79	41				
11	75	42	82	11	65	42				
12	67	43	75	12	46	43				
13	81	44	76	13	45	44				
14	72	45	85	14	77	45				
15	64	46	78	15	76	46				
16	65	47	75	16	74	47				
17	79	48	79	17	84	48				
18	82	49	81	18	56	49				
19	71	50	79	19		50				
20	55	51	75	20		51				
21	76	52	49	21		52				
22	74	53	55	22		53				
23	67	54	66	23		54				
24	83	55	81	24		55				
25	70	56	98	25		56				
26	73	57	90	26		57				
27	82	58	80	27		58				
28	81	59	62	28		59				
29	72	60	35	29		60				
30	65		69	30						

Location:	CO	Date:	20150211
Site:	Trumett	Time:	1226
Pit:	Trumett 20250211	Observers:	Eric Cris
Force	Depth	Depth	
max	manual	digital	Grnd
N	cm	cm	Y/N
cm			Comments

X-Coord	Y-Coord	Time	Data Type	SN	Profile #	Force Gage
0	30	1226	STD Run			67
30	0	1228	Raw Run			67
60	60	1234	Scree	234	1342	63
30						38
60		1237		151	874	66
90		1238		676		76
120	0					65
0	90	1245	Force Run	1000	99	17
30		1246				60
60		1246				2
90		1246				111
120	0	1246				54
0	125		Force Scale	(S)	889	104
30		1252		1	53	55
60		1253		1	55	49
90		1253		1	50	45
120		1253				

Towards crust out (Bm)

## Ram Penetrometer Field Data Sheet

Location (regional scale)		Site (study plot)		Transects		Date	Time			
						20250211	Start	End		
Observer(s)		Wx Description								
<i>Gwen Lee Stachowski</i>		out light No Name								
1053 Transect A 1055				1049 Transect B 1051						
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	70	31		0	0	31				
1	77	32		1	37	32				
2	82	33		2	61	33				
3	74	34		3	56	34				
4	71	35		4	63	35				
5	68	36		5	69	36				
6	75	37		6	65	37				
7	73	38		7	64	38				
8	72	39		8	56	39				
9	75	40		9A	40	40				
10	76	41		10B	39	41				
11	63	42		11C	31	42				
12	77	43		12D	23	43				
13	71	44		13E	50	44				
14	72	45		14F	53	45				
15	76	46		15G	33	46				
16	68	47		16H	38	47				
17	74	48		17I	36	48				
18	74	49		18J	45	49				
19	71	50		19		50				
20	76	51		20		51				
21	72	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			
				RADAQ1,2		28250211	Start	End		
Observer(s)		Wx Description								
<i>McCloskey Skinner</i>		ONC High No Rain								
1043 Transect A 1045				1046 Transect B 1048						
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	74	31		0	62	31				
1	72	32		1	71	32				
2	65	33		2	73	33				
3	72	34		3	76	34				
4	74	35		4	66	35				
5	63	36		5	71	36				
6	71	37		6	72	37				
7	69	38		7	72	38				
8	69	39		8	78	39				
9	64	40		9	75	40				
10	66	41		10	75	41				
11	68	42		11	74	42				
12	73	43		12	75	43				
13	74	44		13	73	44				
14	71	45		14	72	45				
15	68	46		15	72	46				
16		47		16	70	47				
17		48		17	71	48				
18		49		18	70	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						

