

Location:	C	Site:	FSR	Date:	2025-03-06			
Time:	1255	Observers:	McCurdy Shuney	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	27	26.5	98
Sky	Clear Few (< 1/4 of sky)	Scattered (1/4-1/2 of sky)	Broken (> 1/2 of sky)	Overcast (complete cover)	Sample B	27	26.5	98
Wind	Calm (0 mph)	Light (1-16 mph)	Moderate (17-25 mph)	Strong (26-38 mph)	Extreme (> 38 mph)	Ground condition	Frozen	Moist
Tree Canopy	No trees Sparse (5-20%)	Open (20-70%)	Closed (> 70%)	Ground roughness	Smooth (< 5 cm)	Rough (5-20 cm)	Rugged (> 20 cm)	Saturated
Instrument	Y/N	SN	Instrument	Y/N	SN	Additional Comments	Height of Ground Vegetation (cm)	Shrub
Digital LWC	Y		Snow Scope	Y	308	1355 S2 snowfa !!		
Stratigraphy pictures	Y		Lyte Probe	N				
Standard ram	Y		SMP	Y		Ground sloped base of pit wall variation		
Powder Ram	Y		Force Ram	Y		Pit 25-15 300 308 15-05 312 304		
Slush Ram	N		Force Snow Scope	Y	151	Hardness		
HS Transects	Y		Snow Scope Transects	N				
Pit Pictures	Y		SSA / NIR Box	Y	101	145 184 @sk10		
Other						Misc		

Date (DDMM)	Observers (first initial & last name):		Temperature profile times		Comments/Notes:					
Site Name	Time (UT)	START	END	23 43	25-15-39.2 440.3					
STATION 306		1255		23.6 79.5	15-05-45.4 52.9					
PROB STATION		Snow Depth		19.2 57	5 - 53.2 52.5					
450306	145	ACT	200507	0425788	4413534	1355 S snowfall				
Density	LWC		UTME	UTMN	Zone (two digit) 690000 C055	GPS device & uncertainty: 690000 C055 ~ 2m				
Density	LWC		Temperature	Stratigraphy						
Height above ground	Density probe A	Density probe B	Extra permeability probe A	Permeability probe B	Height above ground	Grain Size (mm)	Grain Type	Hand Hardness	Manual Wetness	Stratigraphy Comments
00 - 120.0	1.5	1.5	1.5	1.5	top (cm)	bottom (cm)	Max	Min	Avg	
125.4 - 125.9	1.5	1.5	1.5	1.5	178	173	1.5	0.5	1	F
125.9 - 130.9	1.5	1.5	1.5	1.5	173	166	1.6	0.3	0.5	F
130.9 - 135.9	1.5	1.5	1.5	1.5	166	159	1.5	0.5	0.5	F
135.9 - 140.9	1.5	1.5	1.5	1.5	160	155	1.5	0.5	0.5	F
140.9 - 145.9	1.5	1.5	1.5	1.5	160	149	0.8	0.3	0.5	DFdc
145.9 - 150.9	1.5	1.5	1.5	1.5	160	149	0.8	0.3	0.5	DFdc
150.9 - 155.9	1.5	1.5	1.5	1.5	149	137	0.8	0.3	0.5	DFdc
155.9 - 160.9	1.5	1.5	1.5	1.5	137	120	0.8	0.3	0.5	DFdc
160.9 - 165.9	1.5	1.5	1.5	1.5	120	110	1.2	0.3	0.5	DFdc
165.9 - 170.9	1.5	1.5	1.5	1.5	110	105	1.2	0.3	0.5	DFdc
170.9 - 175.9	1.5	1.5	1.5	1.5	105	100	1.2	0.3	0.5	DFdc
175.9 - 180.9	1.5	1.5	1.5	1.5	100	95	1.2	0.3	0.5	DFdc
180.9 - 185.9	1.5	1.5	1.5	1.5	95	90	1.2	0.3	0.5	DFdc
185.9 - 190.9	1.5	1.5	1.5	1.5	90	85	1.2	0.3	0.5	DFdc
190.9 - 195.9	1.5	1.5	1.5	1.5	85	80	1.2	0.3	0.5	DFdc
195.9 - 200.9	1.5	1.5	1.5	1.5	80	75	1.2	0.3	0.5	DFdc
200.9 - 205.9	1.5	1.5	1.5	1.5	75	70	1.2	0.3	0.5	DFdc
205.9 - 210.9	1.5	1.5	1.5	1.5	70	65	1.2	0.3	0.5	DFdc
210.9 - 215.9	1.5	1.5	1.5	1.5	65	60	1.2	0.3	0.5	DFdc
215.9 - 220.9	1.5	1.5	1.5	1.5	60	55	1.2	0.3	0.5	DFdc
220.9 - 225.9	1.5	1.5	1.5	1.5	55	50	1.2	0.3	0.5	DFdc
225.9 - 230.9	1.5	1.5	1.5	1.5	50	45	1.2	0.3	0.5	DFdc
230.9 - 235.9	1.5	1.5	1.5	1.5	45	40	1.2	0.3	0.5	DFdc
235.9 - 240.9	1.5	1.5	1.5	1.5	40	35	1.2	0.3	0.5	DFdc
240.9 - 245.9	1.5	1.5	1.5	1.5	35	30	1.2	0.3	0.5	DFdc
245.9 - 250.9	1.5	1.5	1.5	1.5	30	25	1.2	0.3	0.5	DFdc
250.9 - 255.9	1.5	1.5	1.5	1.5	25	20	1.2	0.3	0.5	DFdc
255.9 - 260.9	1.5	1.5	1.5	1.5	20	15	1.2	0.3	0.5	DFdc
260.9 - 265.9	1.5	1.5	1.5	1.5	15	10	1.2	0.3	0.5	DFdc
265.9 - 270.9	1.5	1.5	1.5	1.5	10	5	1.2	0.3	0.5	DFdc
270.9 - 275.9	1.5	1.5	1.5	1.5	5	0	1.2	0.3	0.5	DFdc
275.9 - 280.9	1.5	1.5	1.5	1.5	0	-1	1.2	0.3	0.5	DFdc

Location:

60

Date: 10/25/2015

Site:

447

Time: 14:09

Pit: 447 20260306

Observers: Tim Karsner

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

max N cm cm

Depth

Gnd

Y/N Comments

0 30

1421

SD Err

196

75

N

0 60

1421

SD Err

308

172

182

194

Y

Tire tracks

30

1421

SD Err

173

153

195

195

195

195

60

1421

SD Err

174

185

194

194

194

194

90

1421

SD Err

175

182

192

195

195

195

120

1421

SD Err

176

186

192

192

192

192

0

1420

SD Err

1000

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Ram Penetrometer Field Data Sheet

Location:	<i>Co</i>	Tube weight	T	kg										
Site:	<i>FFT</i>	Hammer weight	H	kg										
Associated pit/transect/point:	<i>FFT 20750306</i>	Number of falls	n											
Date:	<i>20750306</i>	Fall height	f	cm										
Observer:	<i>CHARLES SKINNEY</i>	Location of point	p	cm										
UTME:	UTMN:	Zone:	13											
Ram type:	<i>STD RAM</i>	RN = T + H + nfH/p	kg											
		RR = 9.81 (T + H + nfH/p)	N											
T	H	n	f	p	T	H	n	f	p	T	H	n	f	p
2	0	0	0	56					92					144
2	0.5	0	0	56					93			2	5	145
	9	5	56						95			1	10	146
	3	10	37			1	30	96						147
	2	10	58					97.5						148
	1	10	59					99						149
		60				1	10	100.5			2	10	150	
	2	10	61			1	10	101.5			1	20	151	
		62						102			1	20	152	
		63						103			1	10	153	
	3	10	64					104						154
	2	10	65			2	10	105						155
		66				2	15	106						156
	1	10	67			1	20	107			2	10	157	
	2	10	68					108						158
		69						109			1	10	159	
		70				2	20	110						150
		71				1	30	111.5						151
	2	20	72					113						152
		73						115						153
	3	20	74					116			2	10	154	
	2	30	75					117						155
		76						118						156
		77						119			1	10	157	
		78						120			2	10	158	
		79						122						159
	1	30	80			1	20	123			4	10	160	
		81						124			3	20	161	
		82						125						162
		83						126						163
		84				2	20	127						164
		85				1	30	128						165
		86						129						166
		87						130						167
	2	30	88					132						168
	2	40	89			1	30	134						169
	1	40	90			1	5	140.5						170
		91						143						171

Notes:

Ram Penetrometer Field Data Sheet

Location:						Tube weight	T	kg						
Site:						Hammer weight	H	kg						
Associated pit/transect/point:						Number of falls	n							
Date:	Time: 1421					Fall height	f	cm						
Observer:						Location of point	p	cm						
UTME:	UTMN:	Zone:			$RN = T + H + nfH/p$									
Ram type:	Pow	Ram mass:			$RR = 9.81(T + H + nfH/p)$									
T	H	n	f	p	T	H	n	f	p	T	H	n	f	p
0.1	0	0	0	0						57				
0.1	0.2	0	0	14						58				
	1	3	16							59				
		14								60				
		22				3	20	61						
		23				1	25	62						
		24				2	25	63						
		25						64						
		26				1	25	65						
		27				2	25	66						
		28				1	25	67						
		29						68						
2	3	30				2	25	69						
		31				1	25	70						
		32				2	25	71						
	1	5	34					72						
		35						73						
	2	5	36					74						
	1	10	37			4	25	75						
		38						.						
		39												
		40												
		41												
	2	10	42											
	1	20	43											
		44												
		45												
		46												
		47												
	2	20	48											
	1	20	49											
		50												
	2	20	51											
		52												
		53												
		54												
		55												
		56												

Notes:

Location (regional scale)		Site (study plot)		Transects		Date	Time			
				A,B		20250306	Start	End		
Observer(s)		Wx Description								
Cecile Skinner		BLN Light ND None								
1219 Transect A 1225		1225 Transect B 1233								
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	186	31		0	136	31	118			
1	183	32		1	147	32	134			
2	180	33		2	155	33	134			
3	185	34		3	150	34	138			
4	181	35		4	149	35	139			
5	181	36		5	141	36	138			
6	185	37		6	130	37	134			
7	181	38		7	115	38	117			
8	181	39		8	110	39	140			
9	175	40		9	110	40				
10	176	41		10	130	41				
11	179	42		11	123	42				
12	173	43		12	135	43				
13	173	44		13	134	44				
14	166	45		14	125	45				
15	159	46		15	139	46				
16	148	47		16	133	47				
17	163	48		17	144	48				
18	152	49		18	138	49				
19	138	50		19	140	50				
20	116	51		20	137	51				
21	129	52		21	145	52				
22	135	53		22	142	53				
23	133	54		23	138	54				
24	130	55		24	121	55				
25	135	56		25	124	56				
26	140	57		26	128	57				
27	142	58		27	110	58				
28	134	59		28	113	59				
29	122	60		29	95	60				
30		.		30	94					