

Location:		C0				Site:		Frieda		Date:		20241230	
Time:		0831		Observers:		McClure		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	Depth (cm)	SWE (mm)	Density (kg/m <sup>3</sup> )	Evidence of melt resulting in SWE loss? (Y/N)			
Precip Type	Rain	Snow	Graupel	Hail	Rain/Snow	Sample B							
Sky	Clear	Few (< 1/4 of sky)	Scattered (1/4-1/2 of sky)	Broken (> 1/2 of sky)	Overcast (complete cover)	Sample C							
Wind	Calm (0 mph)	Light (1 - 16 mph)	Moderate (17 - 25mph)	Strong (26 - 38 mph)	Extreme (> 38 mph)	Ground roughness	Frozen	Moist	Saturated				
Tree Canopy	No trees	Sparse (5 - 20%)	Open (20 - 70%)	Closed (> 70%)		Ground Vegetation	Smooth (< 5 cm)	Rough (5 - 20 cm)	Rugged (> 20 cm)				
							Bare	Grass	Shrub	Deadfall			
Instrument	Y/N	SN	Instrument	Y/N	SN	Additional Comments		Height of Ground Vegetation (cm)					
Digital LWC	N		Snow Scope	Y	234	Weather							
Stratigraphy pictures	Y		Lyte Probe	N									
Standard ram	Y		SMP	N									
Powder Ram	Y		Force Ram	Y									
Slush Ram	N		Force Snow Scope	Y		Pit							
HS Transects	N		Snow Scope Transects	N									
Pit Pictures	Y		SSA / NIR Box	N		Hardness							
Other													
Misc						HS Glen @ STAGE							

[illegible]

# Ram Penetrometer Field Data Sheet

Location: <u>Co</u>										Tube weight		T	kg	
Site: <u>F5F4Q</u>										Hammer weight		H	kg	
Associated pit/transect/point: <u>F5F4Q20241230</u>										Number of falls		n		
Date: <u>20241230</u>					Time: <u>0739 / 0953</u>					Fall height		f	cm	
Observer: <u>S. McCue</u>										Location of point		p	cm	
UTME:			UTMN:			Zone:			RN = T + H + nfH/p		kg			
Ram type:					Ram mass:					RR = 9.81 (T + H + nfH/p)		N		
T	H	n	f	p	T	H	n	f	p	T	H	n	f	p
0.1	0	0	0	8			2	5	47	1	0	0	0	66
0.1	0.1	0	0	8					48	1	0.5	0	0	66
		5	1	9			3	5	49					
		7	2	10			2	10	50					
		3	5	11			1	10	51					
		1	3	12			1	16	53					
				13			1	5	54					
				14					55					
		2	3	15					56					
		3	3	16					57					
		5	3	17			2	5	58					
		3	5	18					59					
		2	5	19					60					
		4	5	20					61					
		2	5	21					62					
				22					63					
				23			4	10	64					
		3	5	24			3	20	65					
		4	5	25										
		1	10	26										
		2	10	27										
				28										
				30										
		1	5	31										
				32										
				39										
		1	3	35										
		2	3	36										
		1	5	37										
				38										
				39										
				40										
				41										
				42										
				43										
		2	5	44										
				45										
				46										

Notes:

Location: C0				Date: 20241236							
Site: FEF HQ				Time: 0939							
Pit: FEF HQ 20241230				Observers: G. Curran							
X-Coord	Y-Coord	Time	Data Type	SN	Profile #	Force Gage	Force max	Depth manual cm	Depth digital cm	Grnd Y/N	Comments
15	15	0739	Raw Data					65		Y	
30	↓	0953	SD Data					66			
15	30	0956	Scop	234	1054			66	62		
30		0956			1055			67	62		
45		0956			1056			65	59		
60		0957			1057			65	60		
45	↓	0957			1058			65	62	↓	
15	45	0959	Scop Data			1000	77	44		↓	
30		1001					77	51			
45		1001					83	48			
20		1002					83	49			
75	↓	1002					9	50			
15		1003	Scop Data	234	1059		4	48	46		
45	↓	1004			1060		4	51	48		
45		1004			1061		4	49	43		
100		1004			1062		2	48	46		
75	↓	1005			1063		2	50	47	↓	