



Location:	<i>C</i>	Site:	<i>FST</i>	Date:	<i>20250130</i>
Time:	<i>0937</i>	Observers:	<i>Paulus Skinner</i>	Interval board SWE measurement	
Precip Rate	<i>(None)</i>	Very Light (0.5 cm/hr)	Light (1 cm/hr)	Moderate (5 cm/hr)	Heavy (10 cm/hr)
Precip Type	Rain	Snow	Graupel	Hail	Rain/Snow
Sky	Clear	<i>Few</i> (< 1/4 of sky)	Scattered (1/4-1/2 of sky)	Broken (> 1/2 of sky)	Overscast (complete cover)
Wind	<i>Calm</i> (0 mph)	Light (1 - 16 mph)	Moderate (17 - 25 mph)	Strong (26 - 38 mph)	Extreme (> 38 mph)
Tree Canopy	No trees	<i>Sparse</i> (5 - 20%)	Open (20 - 70%)	Closed (> 70%)	Ground roughness
Instrument	Y/N	SN	Instrument	Y/N	SN
Digital LWC	N		Snow Scope	Y	
Stratigraphy pictures	Y		Lyte Probe	N	
Standard ram	Y		SMP	N	
Powder Ram	Y		Force Ram	Y	
Slush Ram	N		Force Snow Scope	Y	
HS Transects	Y		Snow Scope Transects	N	
Pit Pictures	Y		SSA/NIR Box	Y	101
Other			Misc		

Radiometer cleared @ 0900  
HS @ Stake 120 cm

**Ram Penetrometer Field Data Sheet**

Location:	Co						Tube weight	T	kg	
Site:	FST						Hammer weight	H	kg	
Associated pit/transect/point:	FST20250130						Number of falls	n		
Date:	20250130						Fall height	f	cm	
Observer:	Erica Skinner						Location of point	p	cm	
UTME:	UTMN:	Zone:						$RN = T + H + nfH/p$		kg
Ram type:	STD Pow	Ram mass:						$RR = 9.81(T + H + nfH/p)$		N
T	H	n	f	p	T	H	n	f	p	
1	0	0	0	23			1	3	78	
1	0.5	0	0	34				71		
	3	1	35				2	3	80	
	1	3	36				1	3	81	
	2	3	37					82		
	1	3	38					83		
		39						84		
		40						85		
	2	3	41					86		
	1	5	42			2	3	87		
		43						88		
		44						89		
		45						90		
		46						91		
		47						92		
	2	5	48					93		
	1	5	49			4	3	94		
	1	3	50			3	5	95		
	2	3	51			2	5	96		
	2	5	52			3	5	97		
	1	5	53			2	5	98		
		54						99		
	2	5	55					100		
		56				3	5	101		
		57						102		
	1	3	61			2	5	103		
		64						104		
	2	3	65			3	5	105		
	1	5	66					106		
		67						107		
		68								
		69	0.1	0	0			6		
		70	0.1	0.2	0			7		
	2	5	71			1	1	10		
	1	5	72					11		
	2	5	73			2	1	12		
		74				2	3	13		
		75						14		
		77						15		

Notes:

## Ram Penetrometer Field Data Sheet

Location: C6 Date: 20250130

Site: FST

Pit: FST20250130

Time: 1037

Observers: *Quinton Skinner*

Force  
max

N

cm

cm

Y/N

Comments

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

Depth

digital

Grnd

0 30 1037 SW Ram 107 manual

Depth

107

Y

30 0 1044 SW Ram 75 digital

Depth

75

W

0 60 1049 Scope 234 1271

max

166

107

Y

Comments

30 60 1049 Scope 1272

max

105

106

Y

60 80 1050 Scope 1273

max

104

107

Y

80 120 1050 Scope 1274

max

102

104

Y

120 0 1050 Force Ram 1175

max

50

36.1

Y

0 70 1150 Force Ram 101

max

104

Y

70 60 1150 Force Ram 34.5

max

33.6

Y

60 70 1150 Force Ram 33.6

max

33.6

Y

70 120 1150 Force Ram 36.75

max

85

Y

120 0 1150 Force Ram 39.55

max

83

Y

0 30 1150 Force Ram 9.05

max

9.3

Y

30 60 1150 Force Ram 9.45

max

9.3

Y

60 90 1150 Force Ram 6.34

max

9.4

Y

90 120 1150 Force Ram 6.34

max

9.5

Y

120 0 1150 Force Ram 5.95

max

9.3

Y

Toward

Location (regional scale)		Site (study plot)		Transects		Date	Time			
							Start	End		
C6		FST		A, B		20250130				
Observer(s)		Wx Description								
Eucalyptus SKINNY		Few, calm, No, None								
901 Transect A		906	907	Transect B		916				
Point	HS (cm)	Point	HS (cm)	Point	HS (cm)	Point	HS (cm)			
0	122	31		0	89	31	78			
1	120	32		1	102	32	88			
2	120	33		2	104	33	90			
3	121	34		3	104	34	93			
4	116	35		4	99	35	94			
5	119	36		5	90	36	89			
6	121	37		6	86	37	90			
7	117	38		7	80	38	70			
8	118	39		8	73	39	93			
9	117	40		9	80	40				
10	116	41		10	81	41				
11	113	42		11	83	42				
12	111	43		12	85	43				
13	113	44		13	83	44				
14	110	45		14	84	45				
15	102	46		15	87	46				
16	104	47		16	88	47				
17	100	48		17	99	48				
18	90	49		18	97	49				
19	66	50		19	102	50				
20	75	51		20	98	51				
21	80	52		21	96	52				
22	83	53		22	92	53				
23	83	54		23	90	54				
24	86	55		24	93	55				
25	89	56		25	88	56				
26	91	57		26	80	57				
27	91	58		27	76	58				
28	85	59		28	65	59				
29		60		29	60	60				
30				30	64					