

Observers: CLAD

Center for Snow and Avalanche Studies

Profile # 1

Time: 1445

Snowpack Profile

Date: 12/1/15

Location: SAMP

Elev. 11060'

Aspect: NE

Boot Pen: 31 cm \angle : 3°

Air T: 16 °C Sky: 0

Precip: Nil

Wind: Nil

Prior Pit: # 1; 1-1-1

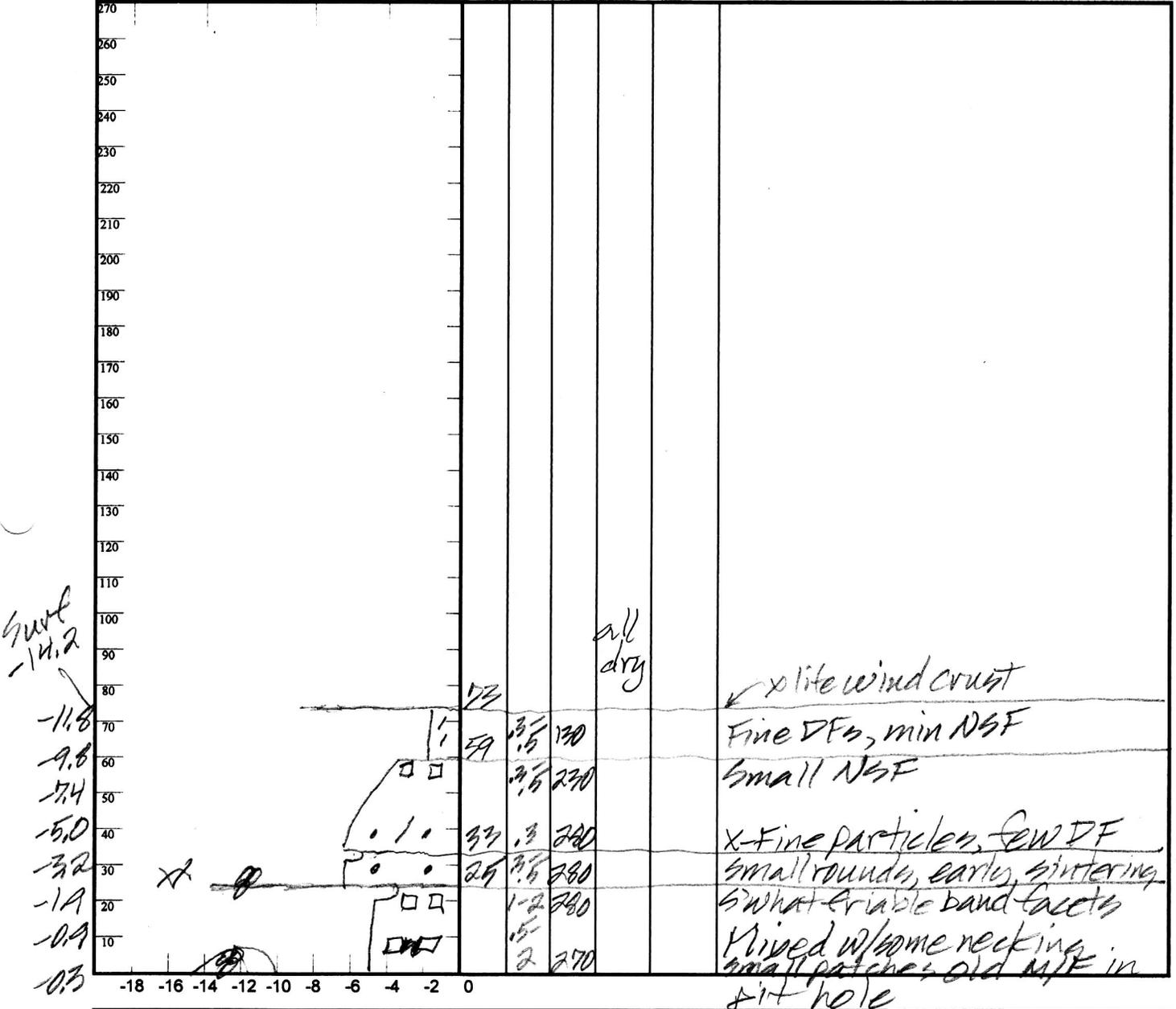
Total Snowpack SWE: 167 mm H₂O
observed

HS Norm: 0.72 m

Mean ρ : 232 kg/m³

Notes: No dust

T° K P 1F 4F F H E ρ θ DOD Notes



Notes:

Observers: JD+AT

Center for Snow and Avalanche Studies

Profile # 2

Time: 0915-1030

Snowpack Profile

Date: 11/6/16

Location: SASP

Elev. 11,060'

Aspect: N

Boot Pen: 33 cm

\angle : 3 °

Air T: -6 °C

Sky: ⊕

Precip: S-1

Wind: N11

Prior Pit: # 1; 12/1/16

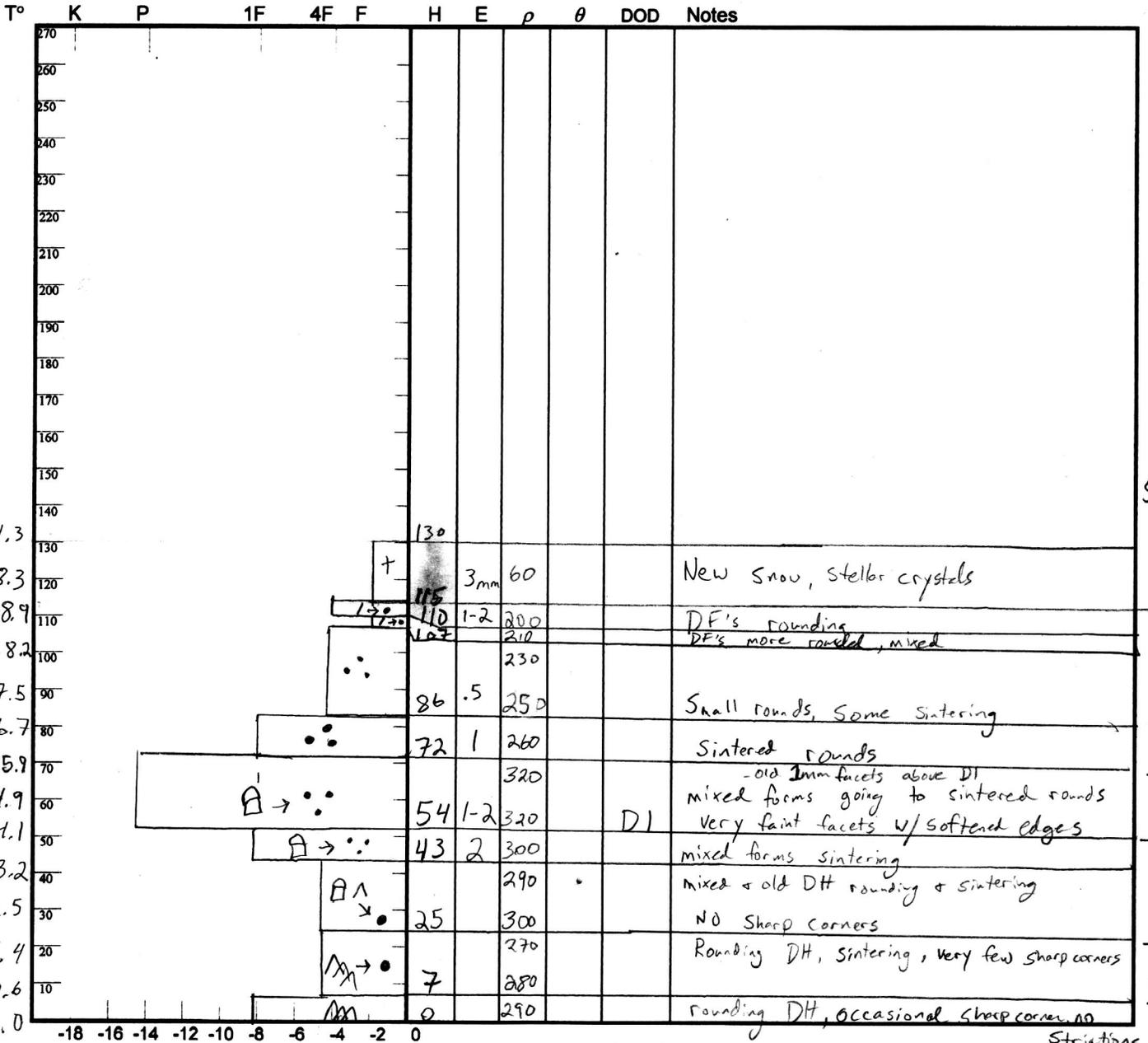
Total Snowpack SWE: 357 mm H₂O

HS Norm: 1.31 m

Mean ρ : 273 kg/m³

Notes: Just layer 1

at 54cm



SWE
 7
 15
 16
 53
 40
 61
 40
 61
 53
 18

Striations

357

Notes:

Observers: DEERY + DEEMS

Center for Snow and Avalanche Studies

Profile # 2

Time: 1420

Snowpack Profile

Date: 01/3/2016

Location: SBSR

Elev. 12200

Aspect: N

Boot Pen: 19 cm \angle : 3 °

Air T: -3.0 °C

Sky: ①

Precip: ∅

Wind: light SW

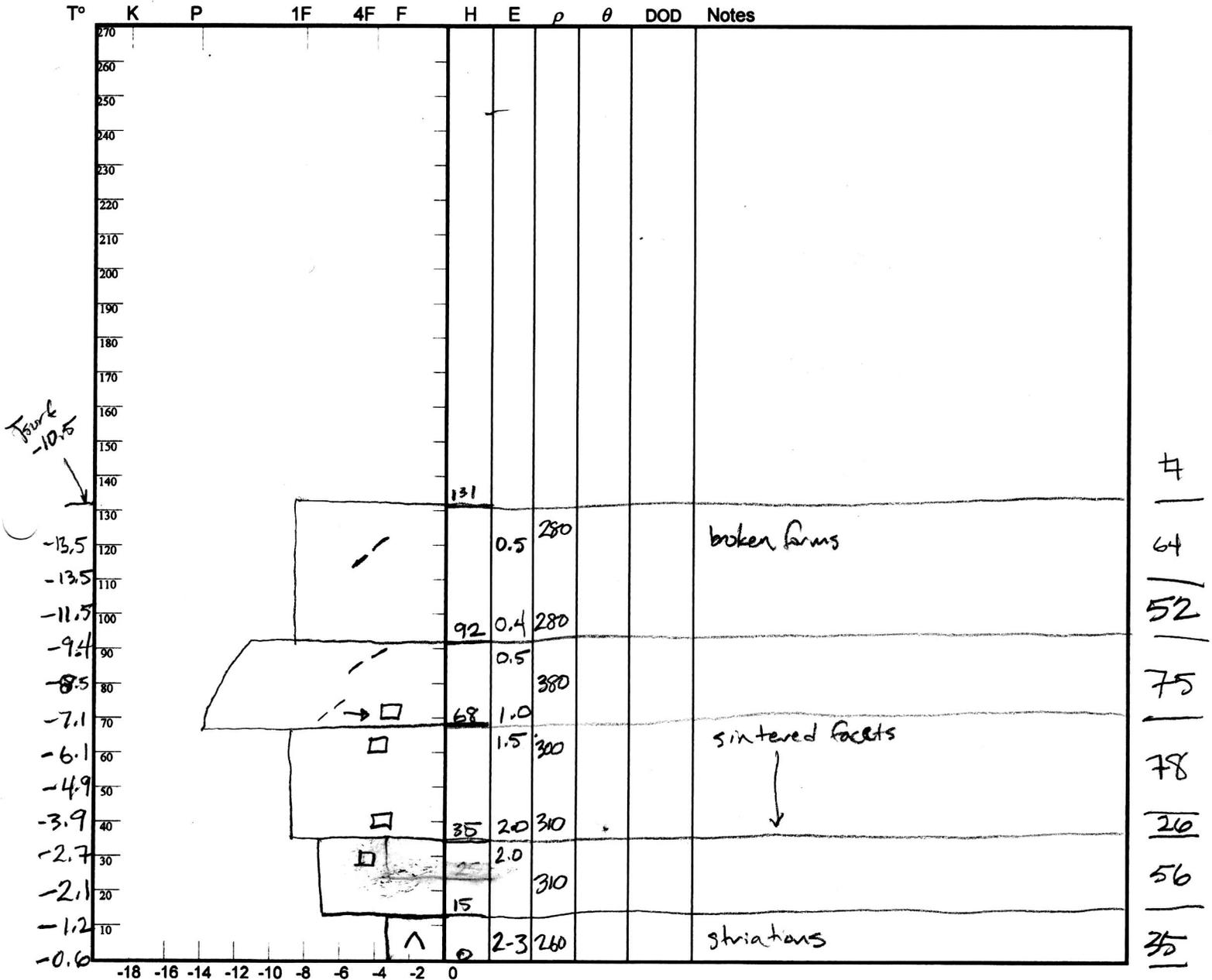
Prior Pit: # 1; 12/17/2015

Total Snowpack SWE: 386 mm H₂O

HS Norm: 1.04 m

Mean ρ : 303

kg/m³ Notes: No visible dust



Notes:

Observers: 90/AT

Center for Snow and Avalanche Studies

Profile # 3

Time: 1019

Snowpack Profile

Date: 214/2016

Location: SASP

Elev. 11,060

Aspect: N

Boot Pen: 43 cm

\angle : 3 °

Air T: -10 °C

Sky: 0

Precip: NO

Wind: NONE

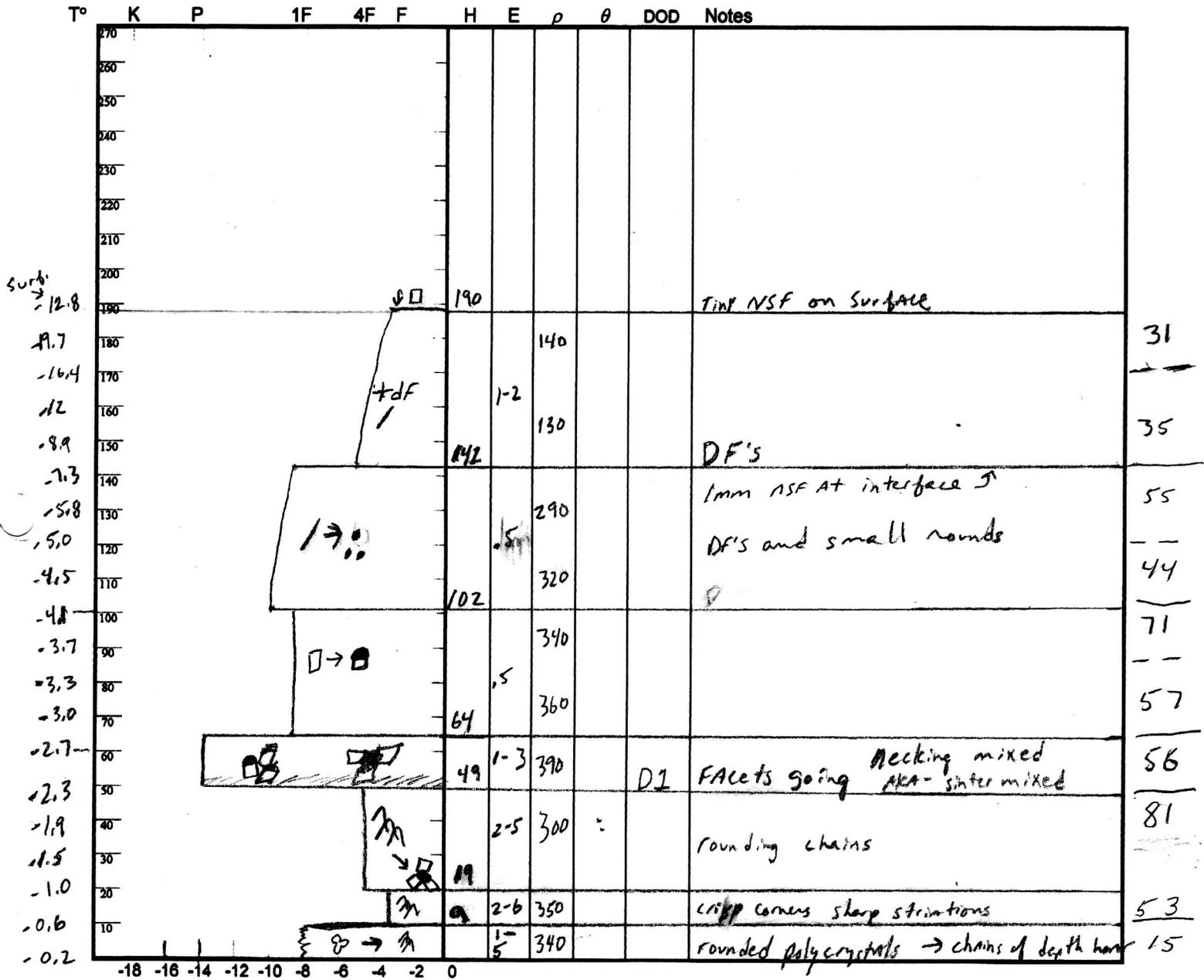
Prior Pit: # 2; L16116

Total Snowpack SWE: 498 mm H₂O

HS Norm: 189 m

Mean ρ : 296 kg/m³

Notes: _____



Notes:

Observers: JD

Center for Snow and Avalanche Studies

Profile # 4

Time: 800-1030

Snowpack Profile

Date: 3/4/2016

Location: SASP

Elev. 11,060

Aspect: E

Boot Pen: 13 cm

\angle : 3 °

Air T: 0 °C

Sky: 0

Precip: 0

Wind: 2

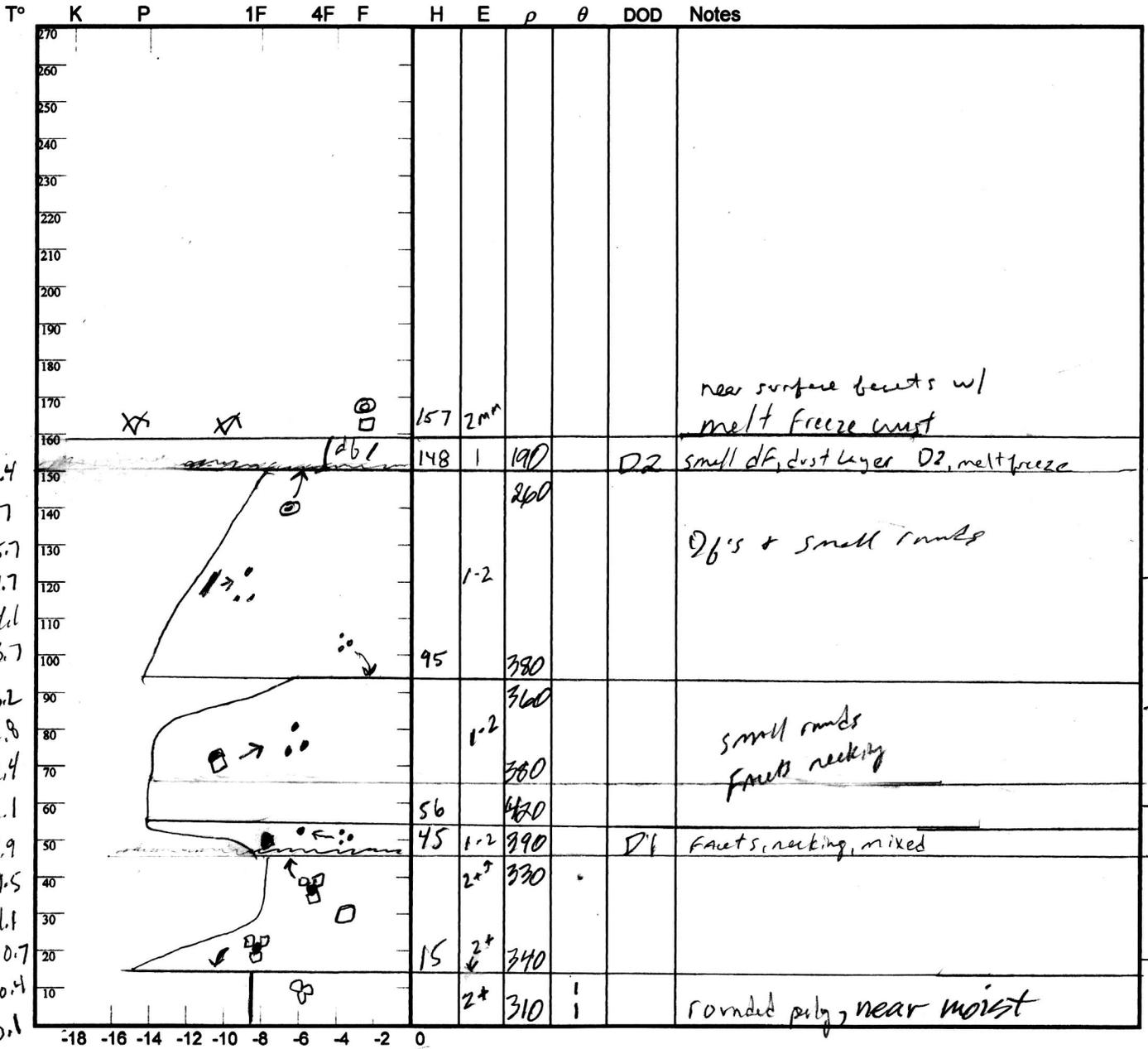
Prior Pit: # 3; 2/4/2016

Total Snowpack SWE: 529 mm H₂O

HS Norm: 157 m

Mean ρ : 336 kg/m³

Notes: D1+D2



SWE
23
74
96
91
89
77
79

-09.4
-2.7
-5.7
-4.7
-4.1
-3.7
-3.2
-2.8
-2.4
-2.1
-1.9
-1.5
-1.1
-0.7
-0.4
-0.1

Notes:

Observers: JPJ

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Profile # 5

Time: 9:45

Snowpack Profile

Date: 3/15/2016

Location: SASP

Elev. 11,060

Aspect: E

Boot Pen: 15 cm

\angle : 3 °

Air T: -5 °C

Sky: 0

Precip: 0

Wind: 2

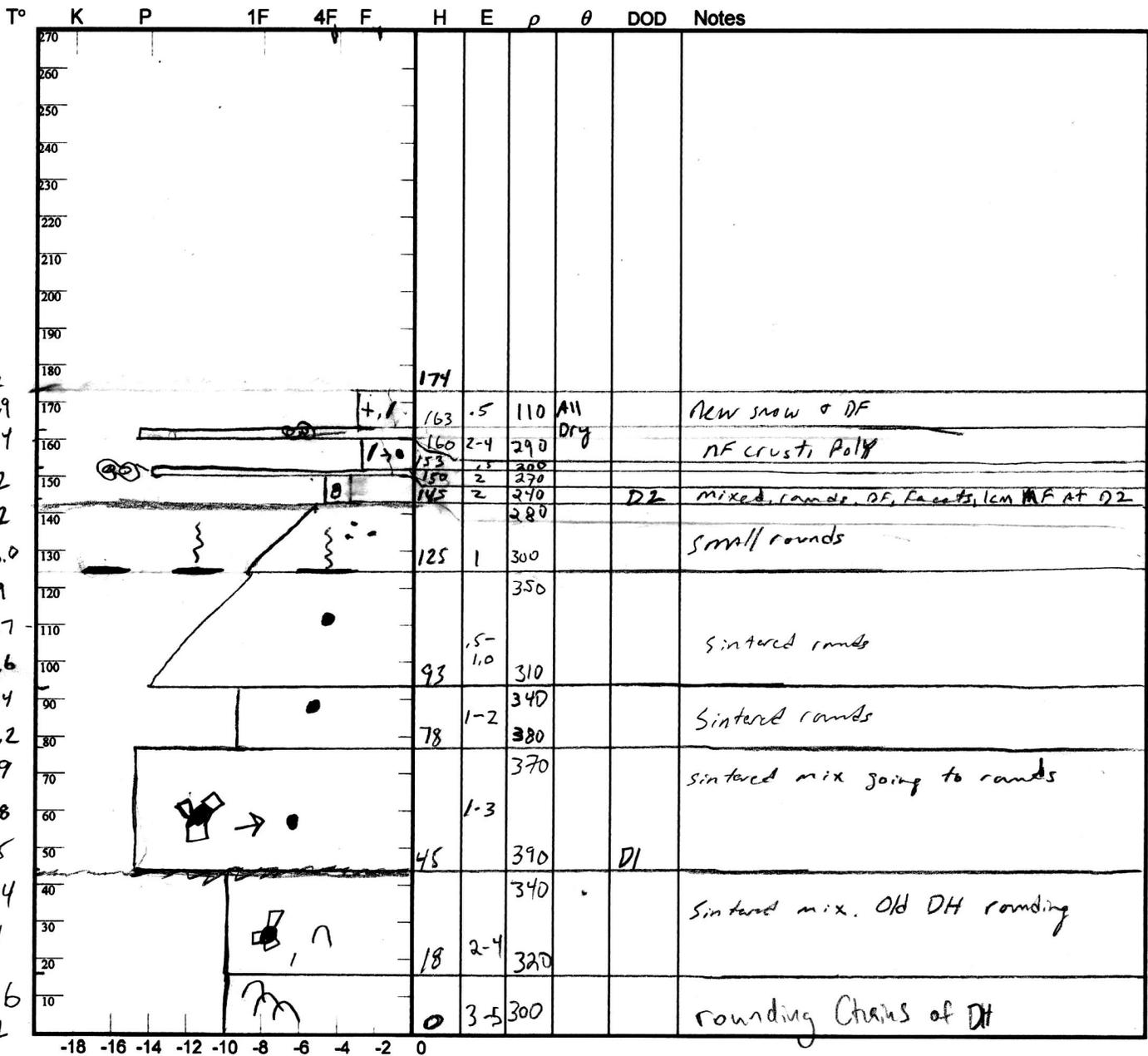
Prior Pit: # 4; 3 14 12016

Total Snowpack SWE: 612 mm H₂O

HS Norm: 175 m

Mean ρ : 299

kg/m³ Notes: D1+D2



surb → 8.2
 -6.9
 -5.4
 -4.2
 -3.2
 -3.0
 -2.9
 -2.7
 -2.6
 -2.4
 -2.2
 -1.9
 -1.8
 -1.5
 -1.4
 -1.1
 -0.6
 -0.2

SWE
 12
 13
 11
 10
 12
 76
 102
 64
 72
 67
 92
 81

Notes:

Observers: AT

Center for Snow and Avalanche Studies

Profile # _____

Time: 1030

Snowpack Profile

Date: 3/21/2016

Location: SASP

Elev. 11,060

Aspect: NE

Boot Pen: 14 cm

\angle : 3 °

Air T: 8 °C

Sky: ☉

Precip: ND

Wind: NONE

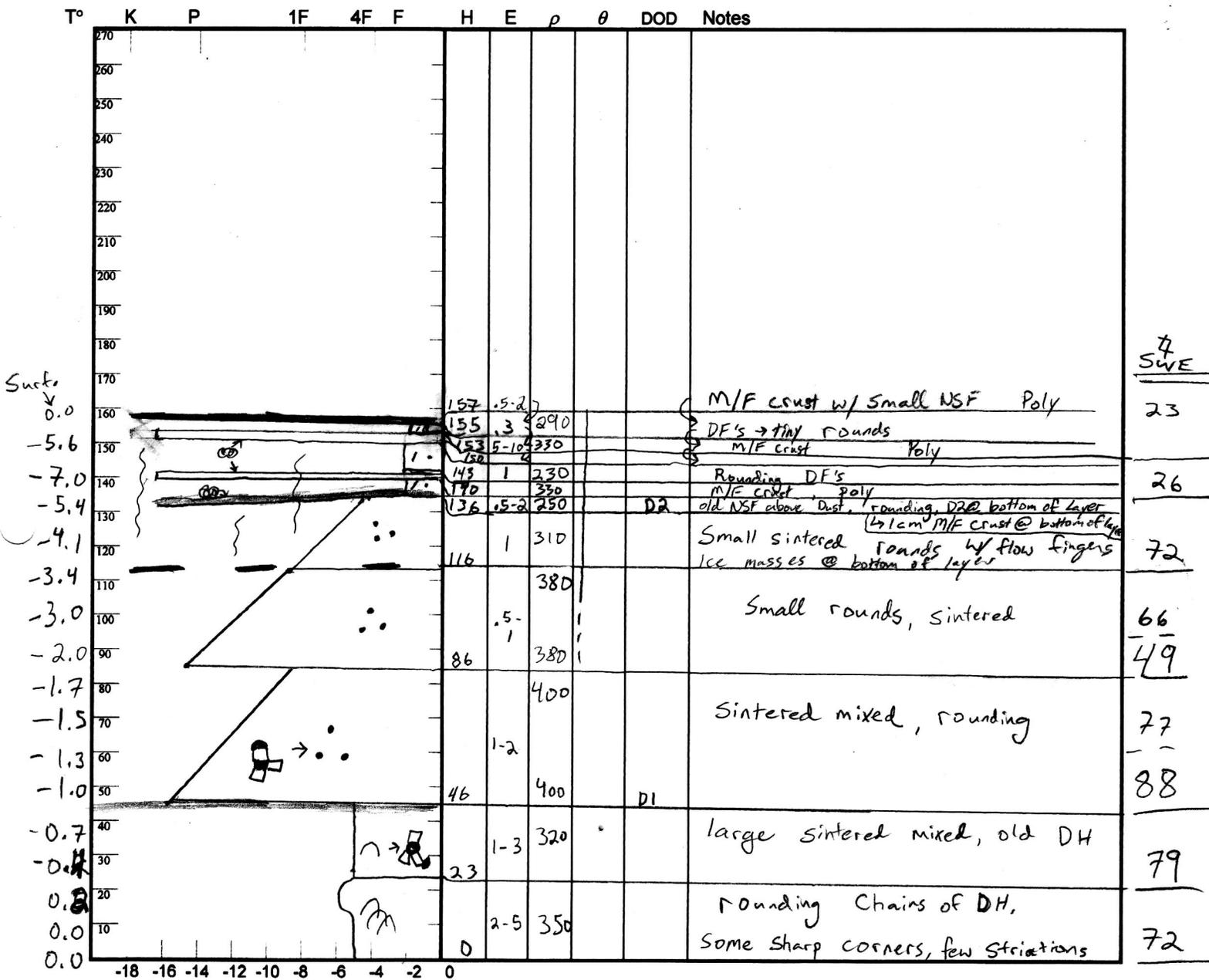
Prior Pit: # _____; _____/_____/_____

Total Snowpack SWE: 5.52 mm H₂O

HS Norm: 1.55 m

Mean ρ : 356 kg/m³

Notes: Dust observed



Notes:

Observers: GD/AT

Time: 1500

Snowpack Profile

Date: 3/31/2016

Location: SASP

Elev. 11,060

Aspect: NE

Boot Pen: 41 cm

∠: 3 °

Air T: -9 °C

Sky: 

Precip: YES (s1-s2) Wind: med

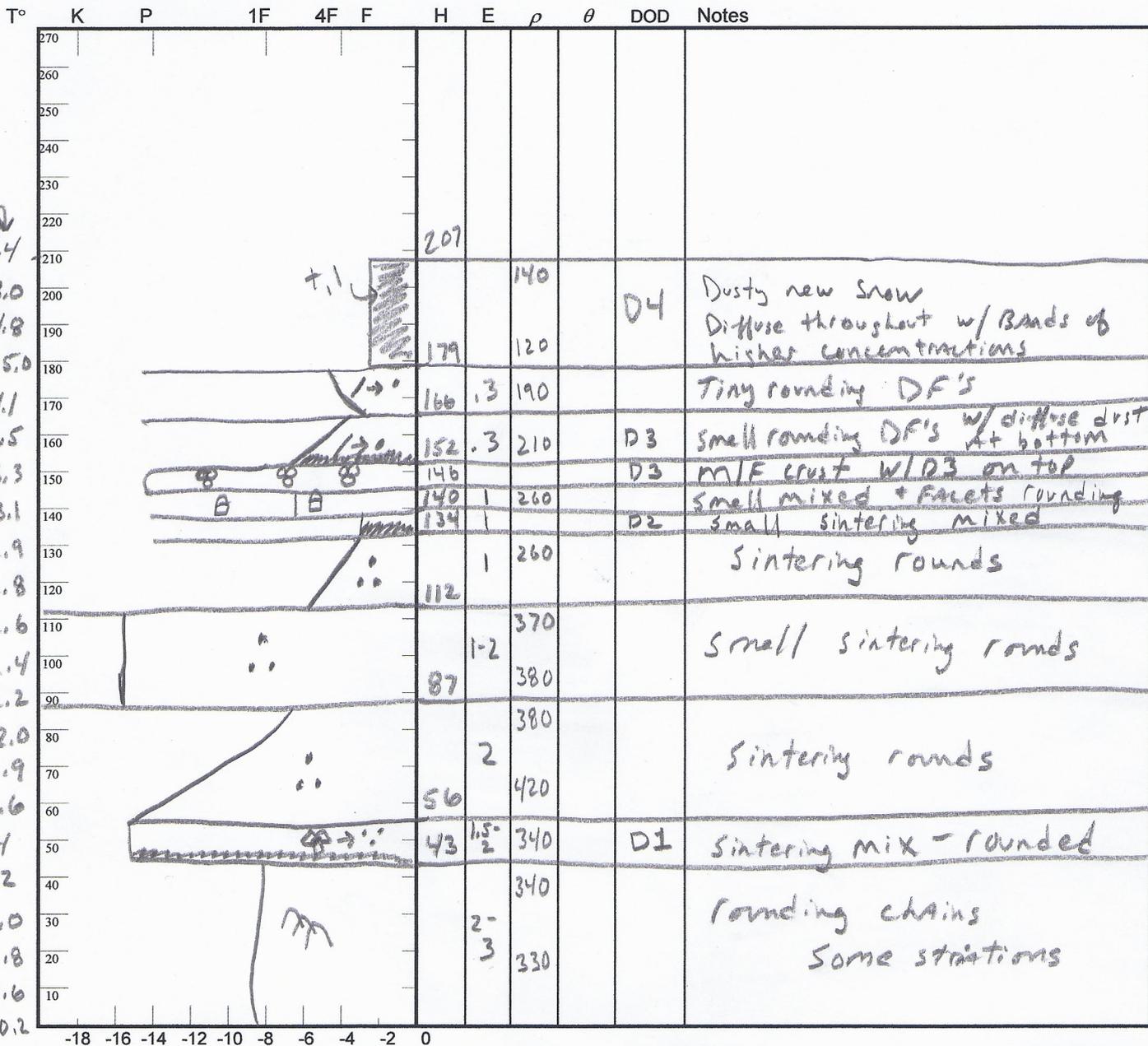
Prior Pit: # 6 ; 3/21/2016

Total Snowpack SWE: 645 mm H₂O

HS Norm: 2,06 m Mean ρ: 288 kg/m³

Notes: Dust observed

D4 just was deposited



Surfing
-4.4
-3.0
-4.8
-5.0
-4.1
-3.5
-3.3
-3.1
-2.9
-2.8
-2.6
-2.4
-2.2
-2.0
-1.9
-1.6
-1.4
-1.2
-1.0
-0.8
-0.6
0.2

SWE
34
57
50
68
103
102
77
81
73

Notes:

Observers: AT

Center for Snow and Avalanche Studies

Profile # 88

Time: 11:00

Snowpack Profile

Date: 4/5/2016

Location: SASP

Elev. 11,060

Aspect: N

Boot Pen: 23 cm

∠: 3 °

Air T: 9 °C

Sky: ①

Precip: NO

Wind: CALM

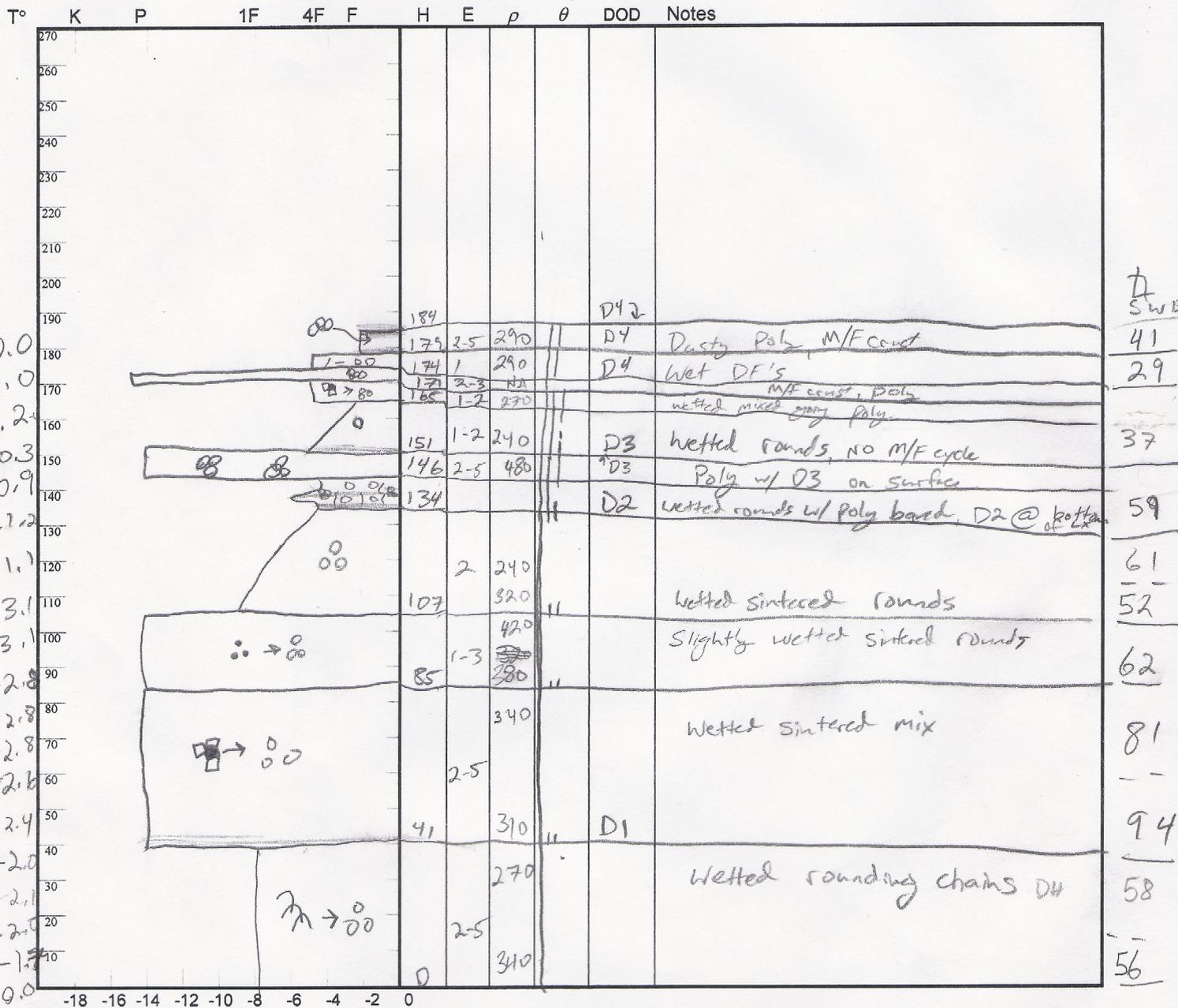
Prior Pit: # 87; 3/31/2016

Total Snowpack SWE: 630 mm H₂O

HS Norm: 1.80 m

Mean ρ: 350

kg/m³ Notes: _____



Notes:

Observers: AT

Center for Snow and Avalanche Studies

Profile # 9

Time: 1700

Snowpack Profile

Date: 4/13/16

Location: SASP

Elev. 11,060 Aspect: N

Boot Pen: 45 cm \angle : 3 °

Air T: 7 °C Sky: ☉

Precip: S-1 Wind: L

Prior Pit: # 8; 4/5/2016

Total Snowpack SWE: 652 mm H₂O

HS Norm: 1.63 m Mean ρ : 400 kg/m³

Notes: _____

T°	K	P	1F	4F	F	H	E	ρ	θ	DOD	Notes
162											
155						2-6		320		D4	Dusty, wet large poly
150						1-3		450			smaller poly / melt forms, Clean
144						2-6		320		D3	large poly, Dusty
131						.5-8		350		D2, D2A	poly w/ slash bands
112							.5	350			wetted rounds, melt forms
85							1-3	360			wetted rounds, melt forms
42								380			
42							1-3	380		D1	wetted rounds, melt forms
								330			
								350			Sinked wetted chains

All 0.0 °C

SWE

51
70
66
71
58
57
49
79
72
79

Notes:

Observers: AT

Center for Snow and Avalanche Studies

Profile # 10

Time: 1730

Snowpack Profile

Date: 4/21/16

Location: SASP

Elev. 11,060

Aspect: N

Boot Pen: 20 cm

∠: 4 °

Air T: 9 °C

Sky: D

Precip: NO

Wind: NONE

Prior Pit: # 9; 4/13/2016

Total Snowpack SWE: 686 mm H₂O

HS Norm: 1.76 m

Mean ρ: 390

kg/m³ Notes: _____

T°	K	P	1F	4F	F	H	E	ρ	θ	DOD	Notes
270											
260											
250											
240											
230											
220											
210											
200											
190											
180						176					
170							1.2	320			Poly + wetted rounding DFIs
160						151	.5	200			No visible dust
150						140	2-3	340		D4	large poly w/ leached out dusty surface
140						126	2-4	340		D3	large poly w/ dusty band
130							.5	330		D2	wetted rounds w/ dusty poly band
120						107		370			wetted rounds
110							1	390			wetted rounds
100						84					wetted sintered rounds
90								350			
80								380			
70							2				
60											
50						40					
40								380		D1	wetted old chains, No comms
30							3-5				D1 band still visible
20						15					
10						0	4-6	320			wetted chains

7
SWE

62

50

57

64

65

39

91

56

64

67

71

All
0.0

Notes:

Observers: JD

Center for Snow and Avalanche Studies

Profile # 11

Time: 1430

Snowpack Profile

Date: 5/4/2016

Location: SASP

Elev. 11060

Aspect: N

Boot Pen: 14 cm

\angle : 4 °

Air T: 10 °C

Sky: ☉

Precip: NO

Wind: None

Prior Pit: # 10; 4/24/2016

Total Snowpack SWE: 715 mm H₂O

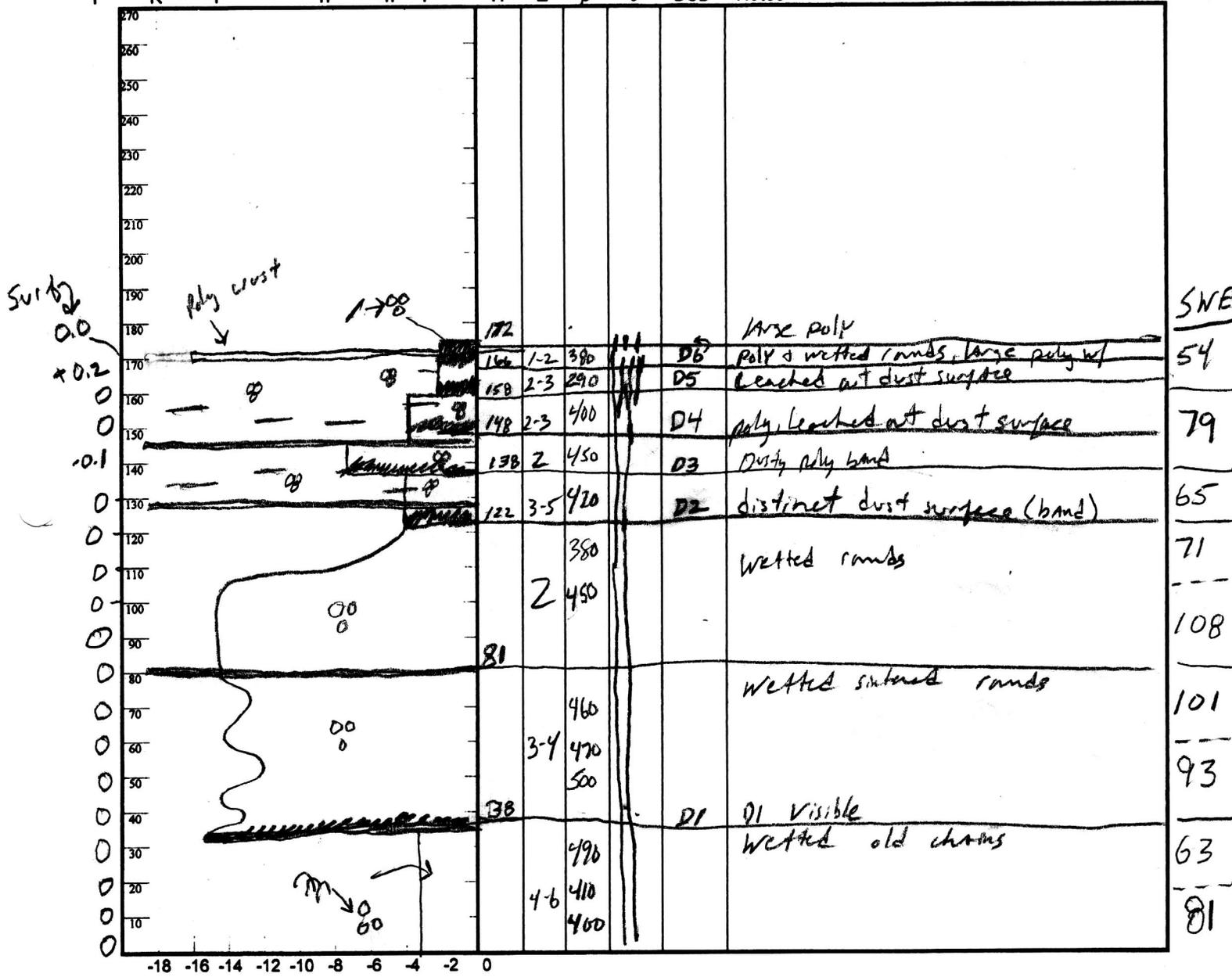
HS Norm: 1.72 m

Mean ρ : 416

kg/m³ Notes: _____

Dust observed faintly on surface, D6.

T° K P 1F 4F F H E ρ θ DOD Notes



Notes:

Observers: AT

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Profile # 12

Time: 0900

Snowpack Profile

Date: 5/13/2016

Location: SASP

Elev. 11,060

Aspect: N

Boot Pen: 1 cm

4.3°

Air T: 7°C

Sky: 0

Precip: NO

Wind: CALM

Prior Pit: # 11; 5/4/2016

Total Snowpack SWE: 731 mm H₂O

HS Norm: 1.71 m

Mean ρ : 412 kg/m³

Notes: _____

T° K P 1F 4F F H E p θ DOD Notes

270											
260											
250											
240											
230											
220											
210											
200											
190											
180											
170											
160											
150											
140											
130											
120											
110											
100											
90											
80											
70											
60											
50											
40											
30											
20											
10											

All 0.0°C

7 SWE

31
65
46
64
92
88
73
33
90
71
78

Notes:

Observers: JD

Center for Snow and Avalanche Studies

Profile # 13

Time: 14:30

Snowpack Profile

Date: 5 120 12016

Location: SASP

Elev. 11,060

Aspect: N

Boot Pen: 26 cm

\angle : 4 °

Air T: 8 °C

Sky: ☉

Precip: NO

Wind: mild

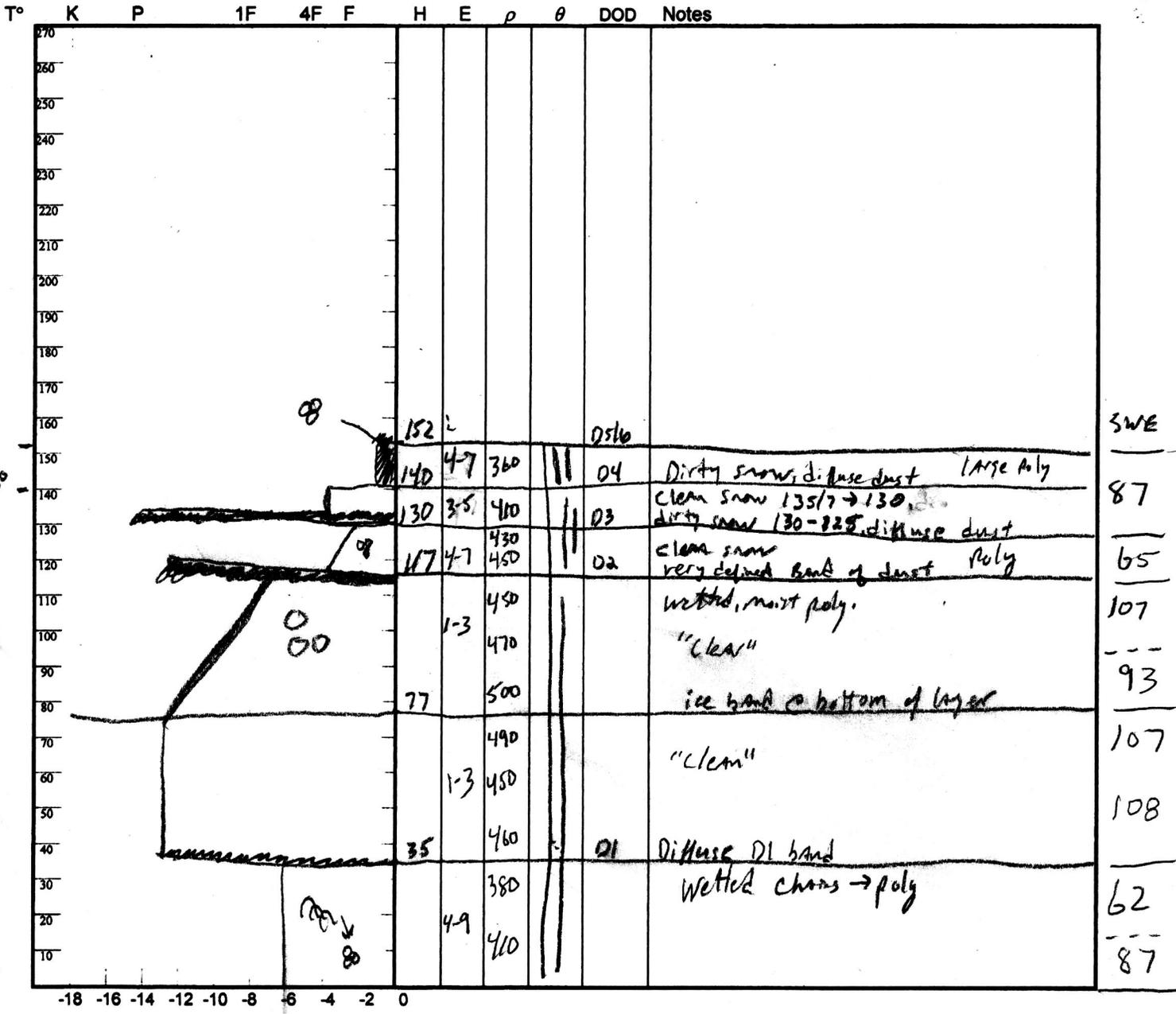
Prior Pit: # 12; 5 113 12016

Total Snowpack SWE: 716 mm H₂O

HS Norm: 1,52 m

Mean ρ : 438

kg/m³ Notes: _____



Notes:

Observers: AT

Center for Snow and Avalanche Studies

Profile # _____

Time: 11:00

Snowpack Profile

Date: 5 12 7 16

Location: SASP

Elev. 11,050

Aspect: N

Boot Pen: 8 cm

α : 3°

Air T: _____ °C

Sky: ☁

Precip: NO

Wind: LT

Prior Pit: # _____; 1 1

Total Snowpack SWE: 528 mm H₂O

HS Norm: 1.21 m

Mean ρ : _____ kg/m³

Notes: _____

T°	K	P	1F	4F	F	H	E	ρ	θ	DOD	Notes
270											
260											
250											
240											
230											
220											
210											
200											
190											
180											
170											
160											
150											
140											
130											
120											
110						117					
100						110	1-3		180		Clean new snow, stellar & graupel
90						100	5-9		400	D2-6	D2-6 merged @ top w/ dusty leaching to a wetting front, large poly
80						80	2-5		450		'Clean' snow, ice layer
70											Poly
60							2-3		480		Poly
50											
40						35			400		
30						8				D1	Poly w/ D1 evident
20						13	3-5		320		
10						8	3-10		350		large chains gave poly
						0					

All 0.0°C

7 SWE

11
49
63
42
82
75
58
75
73

Notes:
