

Observers: AT

Center for Snow and Avalanche Studies

Profile # 1

Time: 1100

Snowpack Profile

Date: 11/18/2018

Location: SASP

Elev. 11,060

Aspect: N

Boot Pen: 30 cm

\angle : 3 °

Air T: 14 °C

Sky: 0

Precip: NO

Wind: CALM

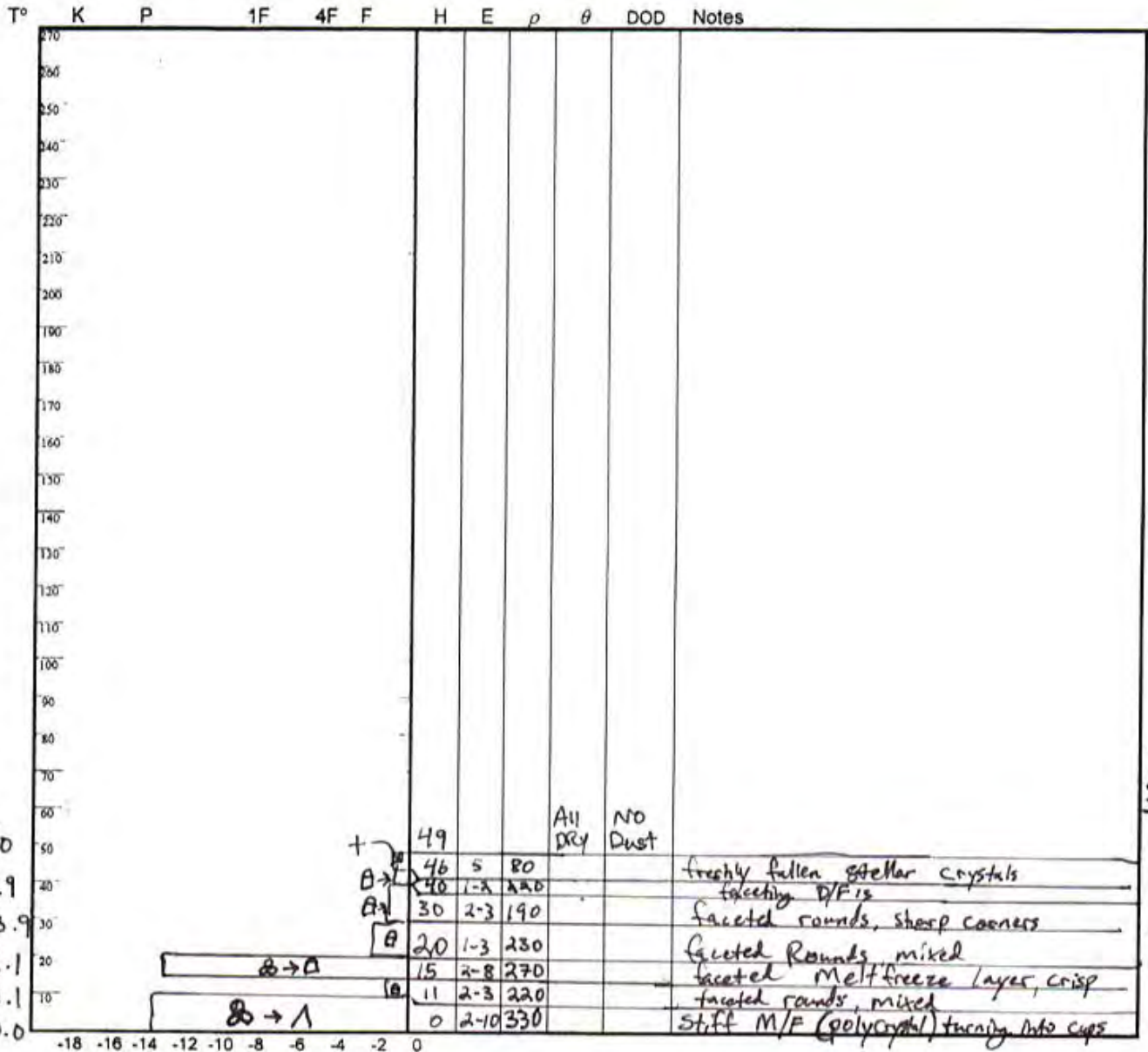
Prior Pit: # ; / /

Total Snowpack SWE: 112 mm H₂O

HS Norm: 0.47 m

Mean ρ : 238.3 kg/m³

Notes:



Notes:

Observers: AT

Center for Snow and Avalanche Studies

Profile # 2

Time: 1000

Snowpack Profile

Date: 12/8/2018

Location: SASP

Elev. 11,060 Aspect: N

Boat Pen: 58 cm 2:3

Air T: -4 °C

Sky: ☉

Precip: S-1

Wind: LT

Prior Pit: # ; 1/1

Total Snowpack SWE: 197 mm H₂O

HS Norm: 0.90 m

Mean ρ : 218.88 kg/m³

Notes:

T°	K	P	1F	4F	F	H	E	ρ	θ	DOD	Notes
90										NO DUST	
-8.0										DRY	
-9.7											New snow, stellars, 2mm surface Hoar
-8.5											DF's
-4.5											Rounding DF's faceting, Mixed
-3.4											Mixed, some sharp corners
-2.6											Mixed facets, large square grains, some small cups
-1.1											old poly, faceted, some cups
-0.7											mixed going Dtt
-0.5											old poly going Dtt
0.0											

Temp. °C

7 SWE

9

26

42

52

68

Notes:

Observers: KO/AT/JO

Center for Snow and Avalanche Studies

Profile # 3

Time: 9:00 Am

Snowpack Profile

Date: 1 / 2 / 2019

Location: SASP

Elev. 11,060

Aspect: N

Boot Pen: 50 cm

∠: 3 °

Air T: -15 °C

Sky: 0

Precip: Nil

Wind: Lt

Prior Pit: # 2; 12 / 8 / 2018

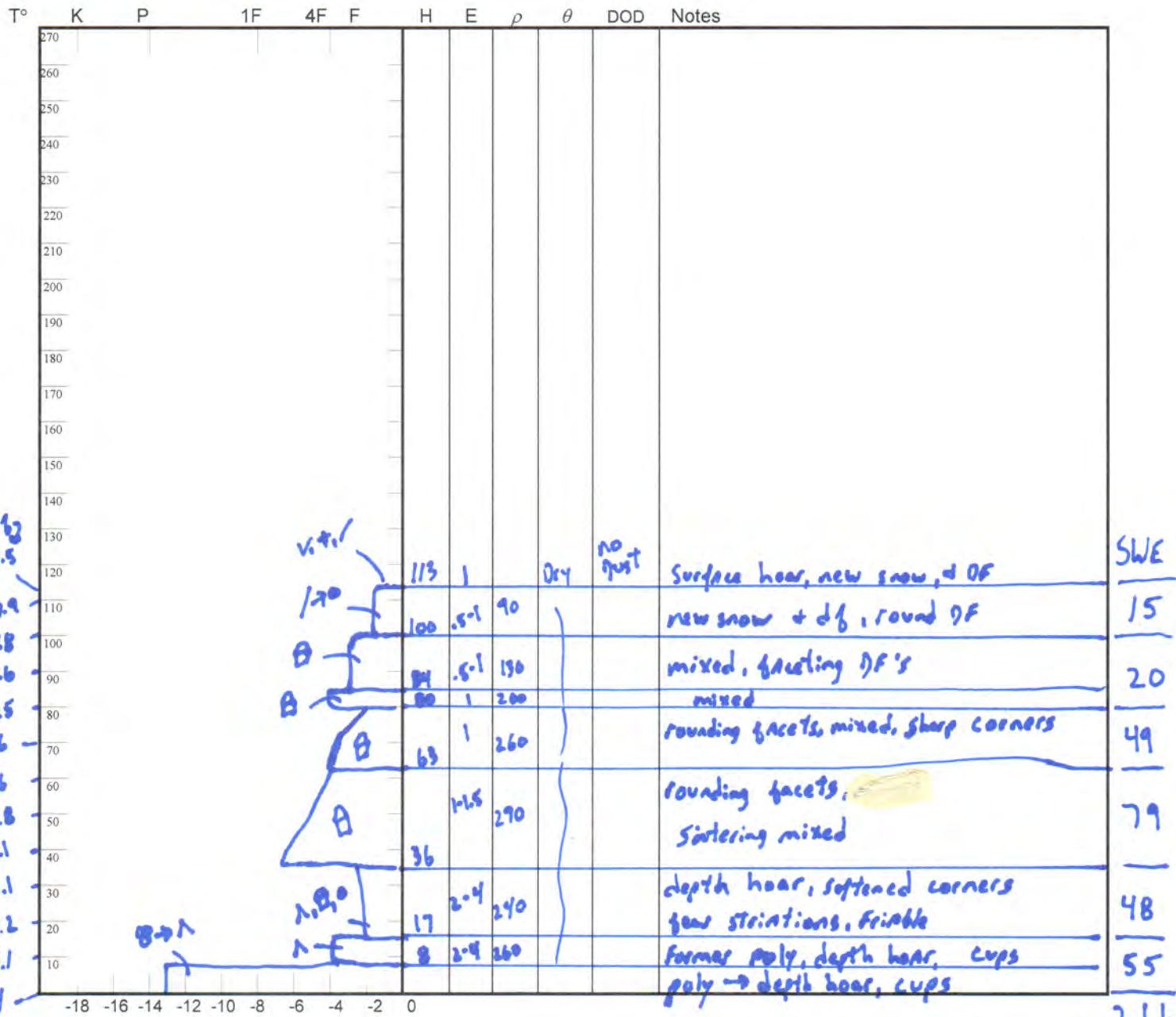
Total Snowpack SWE: 266 mm H₂O

HS Norm: 1.15 m

Mean ρ 231 kg/m³

Notes: _____

No dust observed



Notes:

Observers: AT+JT

Center for Snow and Avalanche Studies

Profile # 4

Time: 1000

Snowpack Profile

Date: 2/1/2019

Location: SASP

Elev. 3368M

Aspect: NE

Boot Pen: 36 cm

∠: 3°

Air T: 1 °C

Sky: 0

Precip: NO

Wind: Lt.

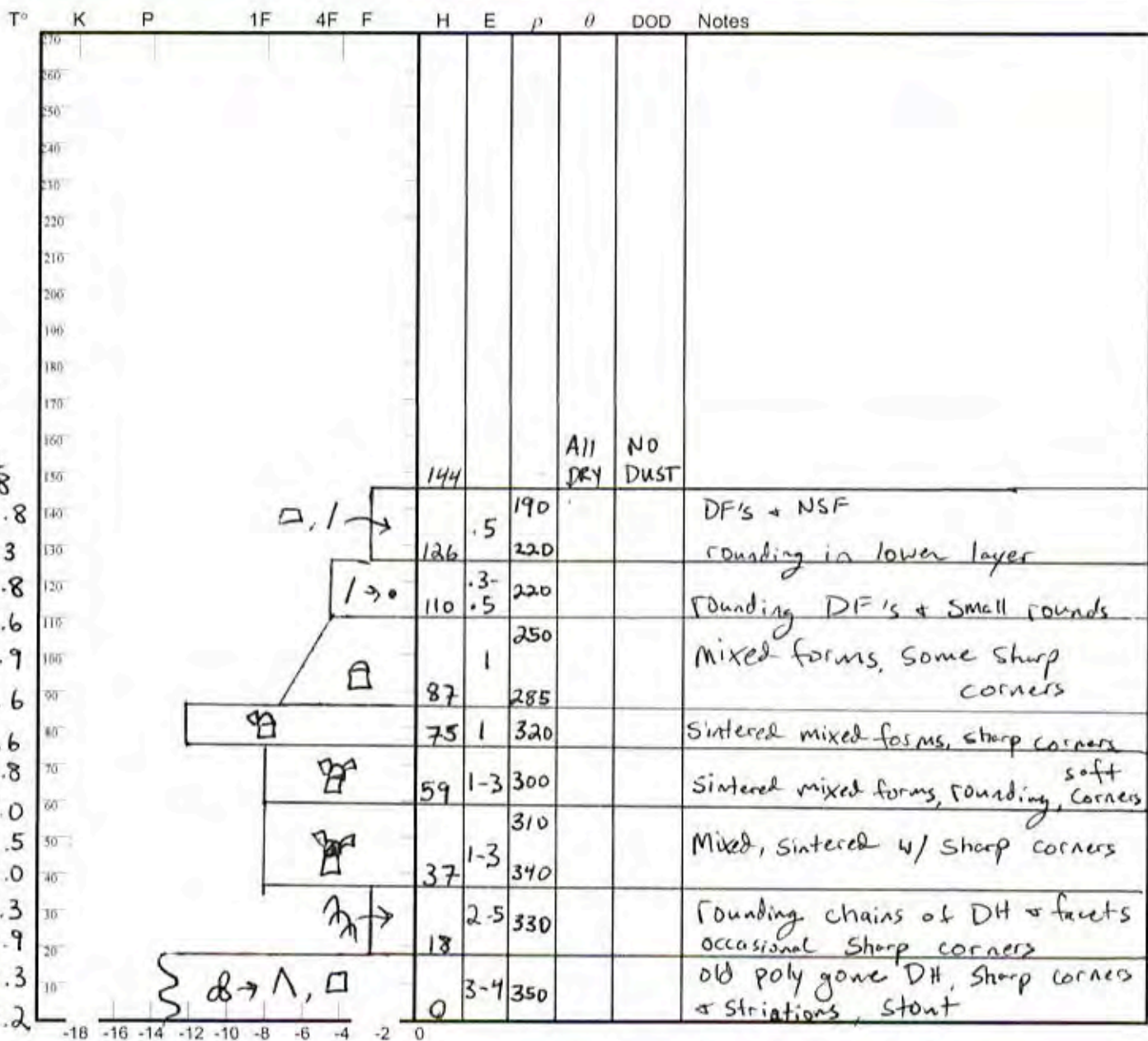
Prior Pit: # ;

Total Snowpack SWE: 397 mm H₂O

HS Norm: 1.42 m

Mean ρ: 279.6 kg/m³

Notes:



Temp. °C.
 surf. ↓
 -9.8
 -15.8
 -14.3
 -10.8
 -8.6
 -6.9
 -5.6
 -4.6
 -3.8
 -3.0
 -2.5
 -2.0
 -1.3
 -0.9
 -0.3
 -0.2

7 SWE
 33
 43
 51
 34
 58
 84
 42
 52

Notes:

Observers: AT+HF

Center for Snow and Avalanche Studies

Profile # 5

Time: 1015

Snowpack Profile

Date: 2/27/19

Location: SASP

Elev. 11,050

Aspect: N

Boot Pen: 24 cm

α : 3°

Air T: 2 °C

Sky: ☉

Precip: NO

Wind: Lt.

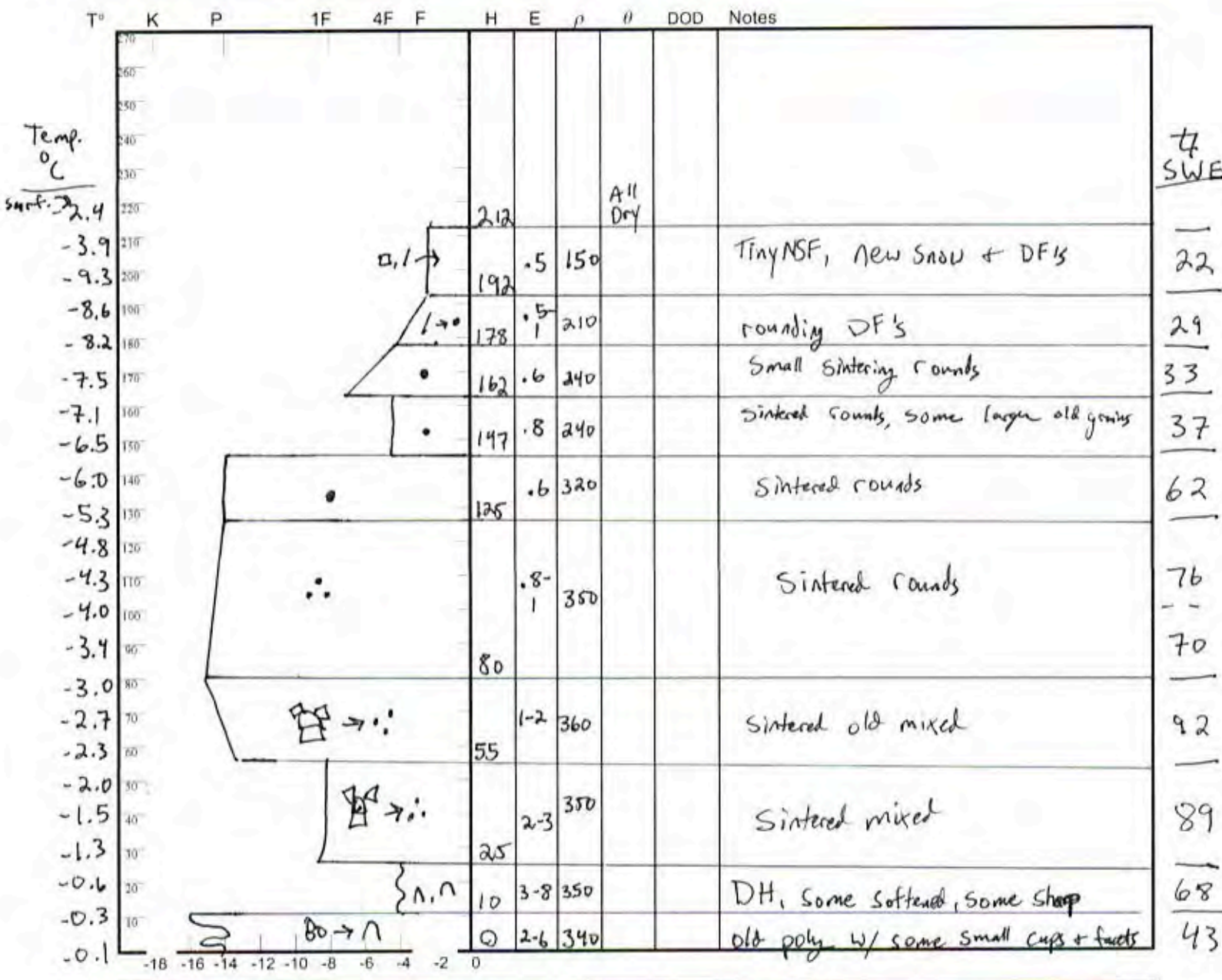
Prior Pit: # ;

Total Snowpack SWE: 621 mm H₂O

HS Norm: 2.12 m

Mean ρ : 292.92 kg/m³

Notes:




Notes:

Observers: JD : KB

CODOS Snowpack Profile

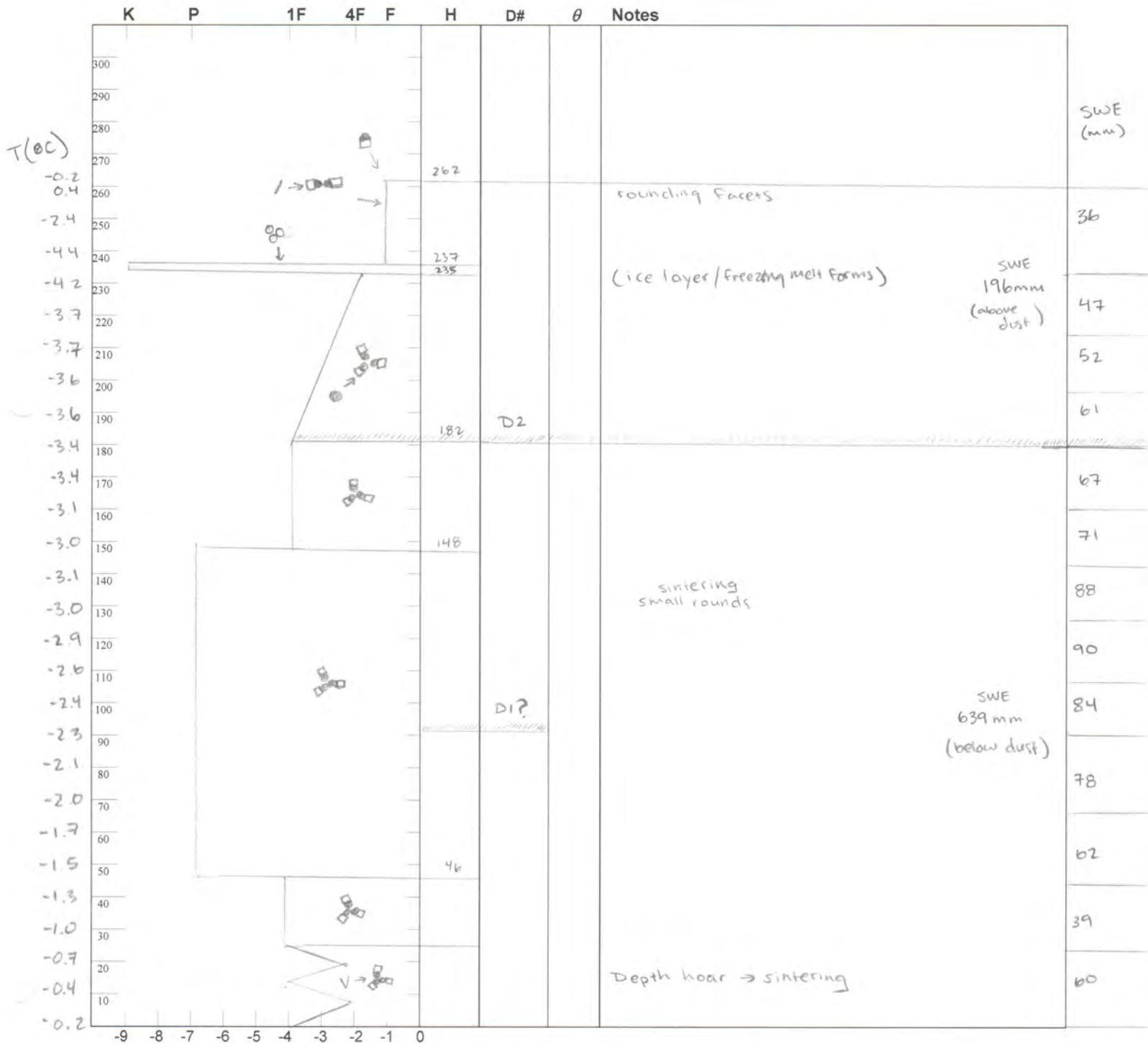
Date: 3 / 26 / 2019

Location: SASP Elev. 3368 Aspect: NE Boot Pen: 30 cm \angle : 0° Time: 1300 MDT

Prior Obs: / / Air T: 3.0 °C Sky:  Precip: NO Wind: CALM Notes: HS Norm = 258 cm

[LIGHT] D2 @ 182 cm

SWE = 835 mm $\rho \approx 318.7 \text{ kg/m}^3$



TOTAL SWE 835 mm

Observers: JO/AT

Center for Snow and Avalanche Studies

Profile # 6JT

Time: 1000

Snowpack Profile

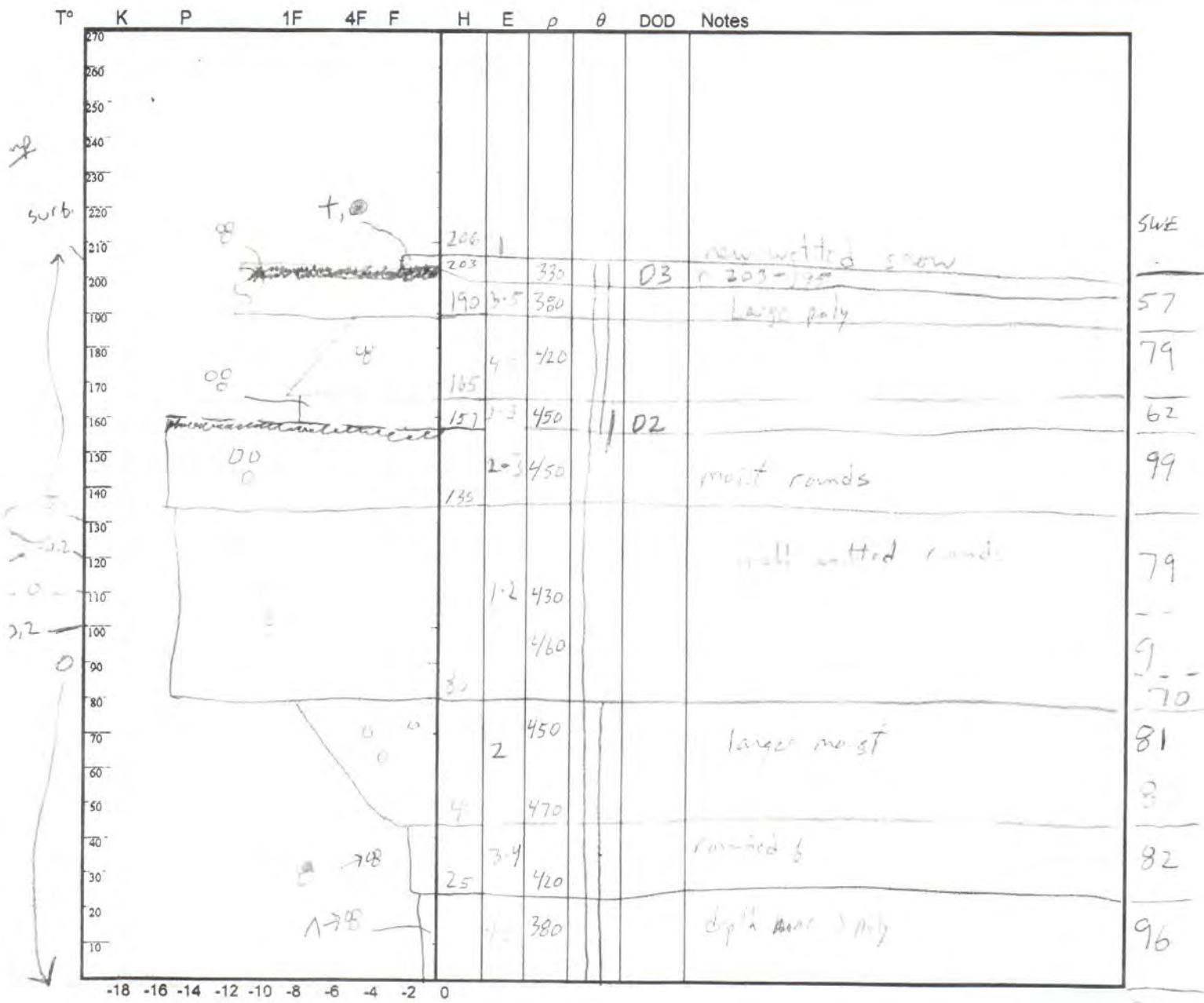
Date: 4/27/2019

Location: SASP

Elev. 17,050 JT Aspect: N JT Boot Pen: 15 cm \angle : NR °

Air T: NR °C Sky: NR Precip: NR Wind: NR Prior Pit: # 5; 2/27/2019

Total Snowpack SWE: 332 mm H₂O HS Norm: 2.06 m Mean ρ : 428 kg/m³ Notes: _____



Notes:

Observers: JD/MS

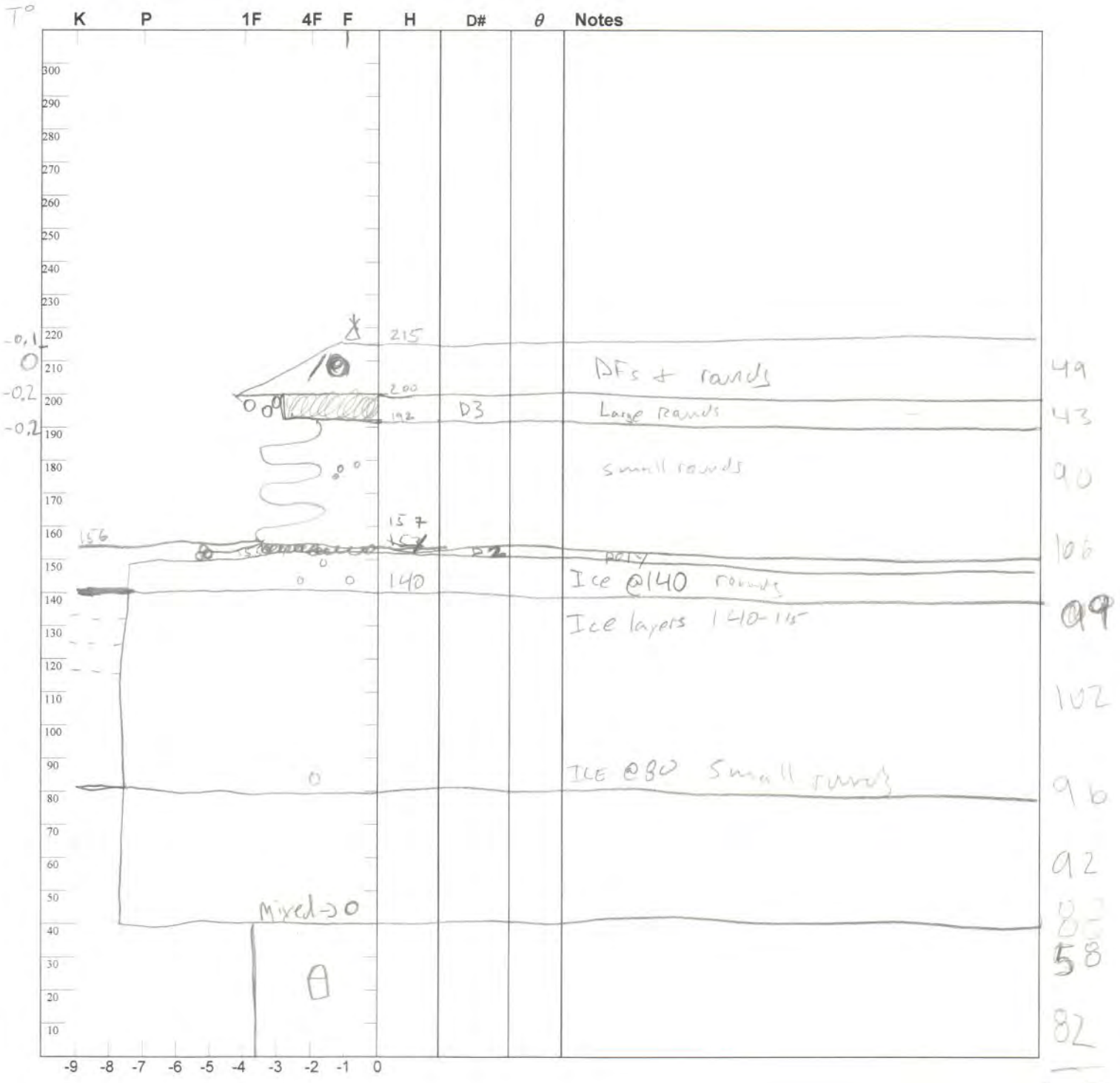
CODOS Snowpack Profile

Date: 5/5/19

Location: SASP Elev. 11,050 Aspect: N Boot Pen: 12 cm \angle : 1° Time: 12:35 MDT

Prior Obs: 4/27/2019 Air T: °C Sky: BKN-OK Precip: NO-51 Wind: S-SE Notes: Light-Mud

SWE = 905 mm $\rho = 427 \text{ kg/km}^3$ HSt = 2.12



35.6" 905 mm

Observers: AT

Center for Snow and Avalanche Studies

Profile # 7

Time: 1220

Snowpack Profile

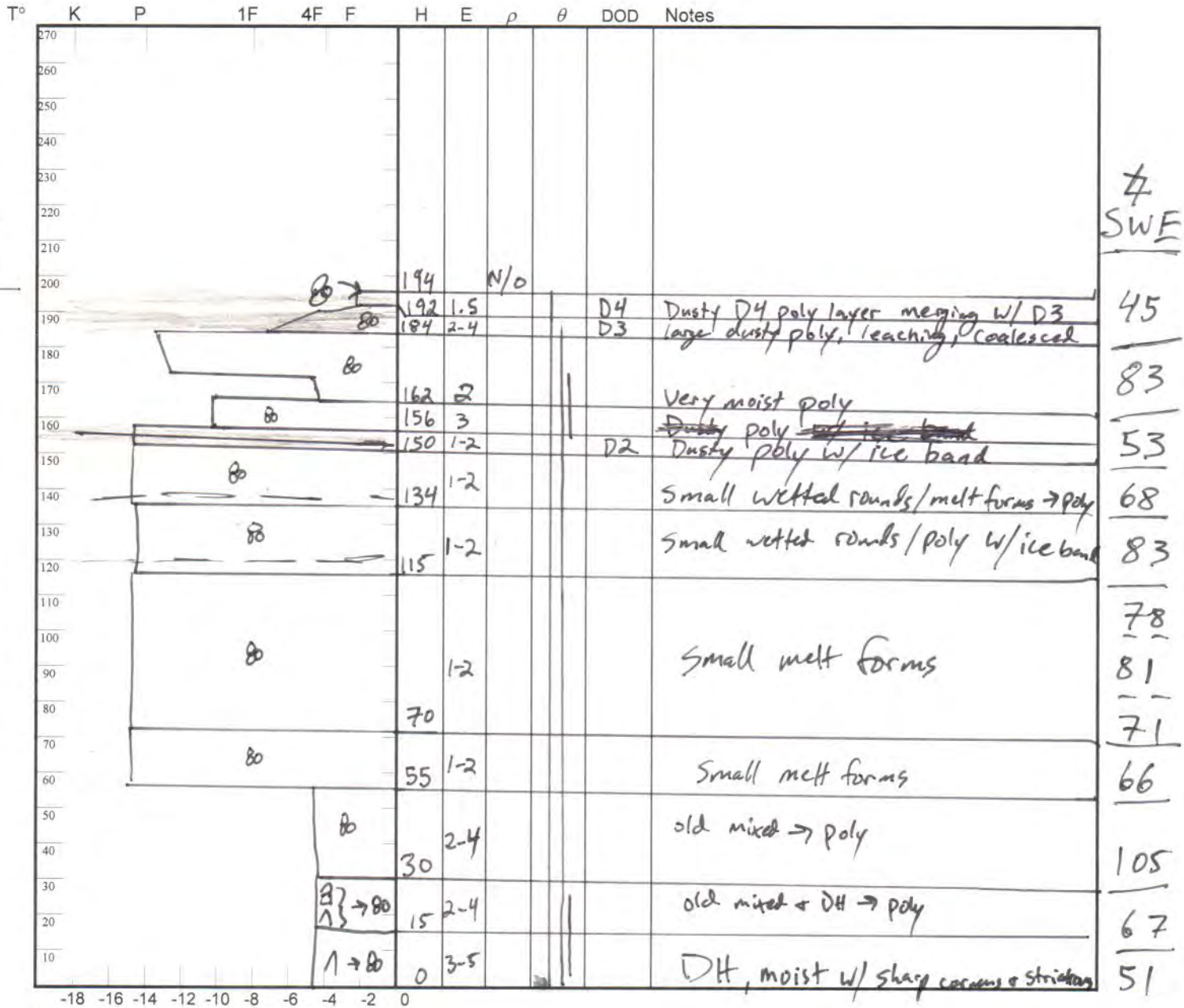
Date: 5/14/2019

Location: SASP

Elev. 11,050 Aspect: N Boot Pen: 12 cm \angle : 3 °

Air T: 13 °C Sky: 0 Precip: NO Wind: Lt. Prior Pit: # 6; 2/27/2019

Total Snowpack SWE: 851 mm H₂O HS Norm: 1.90 m Mean ρ 447.9 kg/m³ Notes: _____



Temp. °C

All 0°C

7
SWE

45

83

53

68

83

78

81

71

66

105

67

51

Notes:

Observers: AT+JT

Center for Snow and Avalanche Studies

Profile # _____

Time: 1120

Snowpack Profile

Date: 5/20/2019

Location: SASP

Elev. 11,050

Aspect: NE

Boot Pen: 30 cm

∠: 3 °

Air T: 0 °C

Sky: ☉

Precip: S2

Wind: MOD

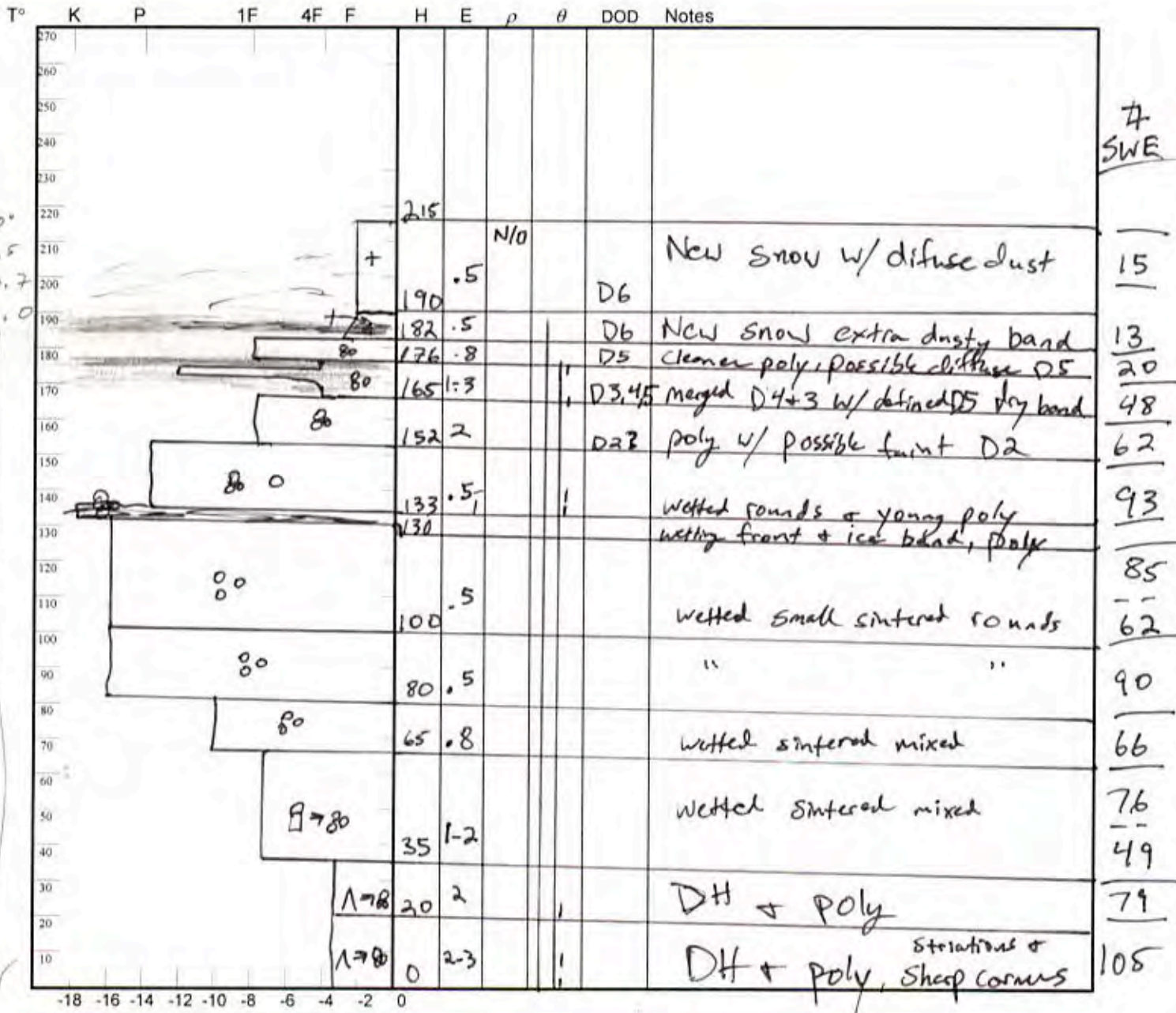
Prior Pit: # _____ ; _____ / _____ / _____

Total Snowpack SWE: 863 mm H₂O

HS Norm: 2.18 m

Mean ρ 395.9 kg/m³

Notes: _____



Temp. °C
 SWE 0.0°
 -0.5
 -0.7
 0.0

7
 SWE
 15
 13
 20
 48
 62
 93
 85
 62
 90
 66
 76
 49
 79
 105

Notes:

Observers: AT+ST

Center for Snow and Avalanche Studies

Profile # _____

Time: 1015

Snowpack Profile

Date: 5/27/19

Location: SASP

Elev. 11,070

Aspect: N

Boot Pen: 16 cm

∠: 3 °

Air T: -1 °C

Sky: ☉

Precip: 55

Wind: MOD

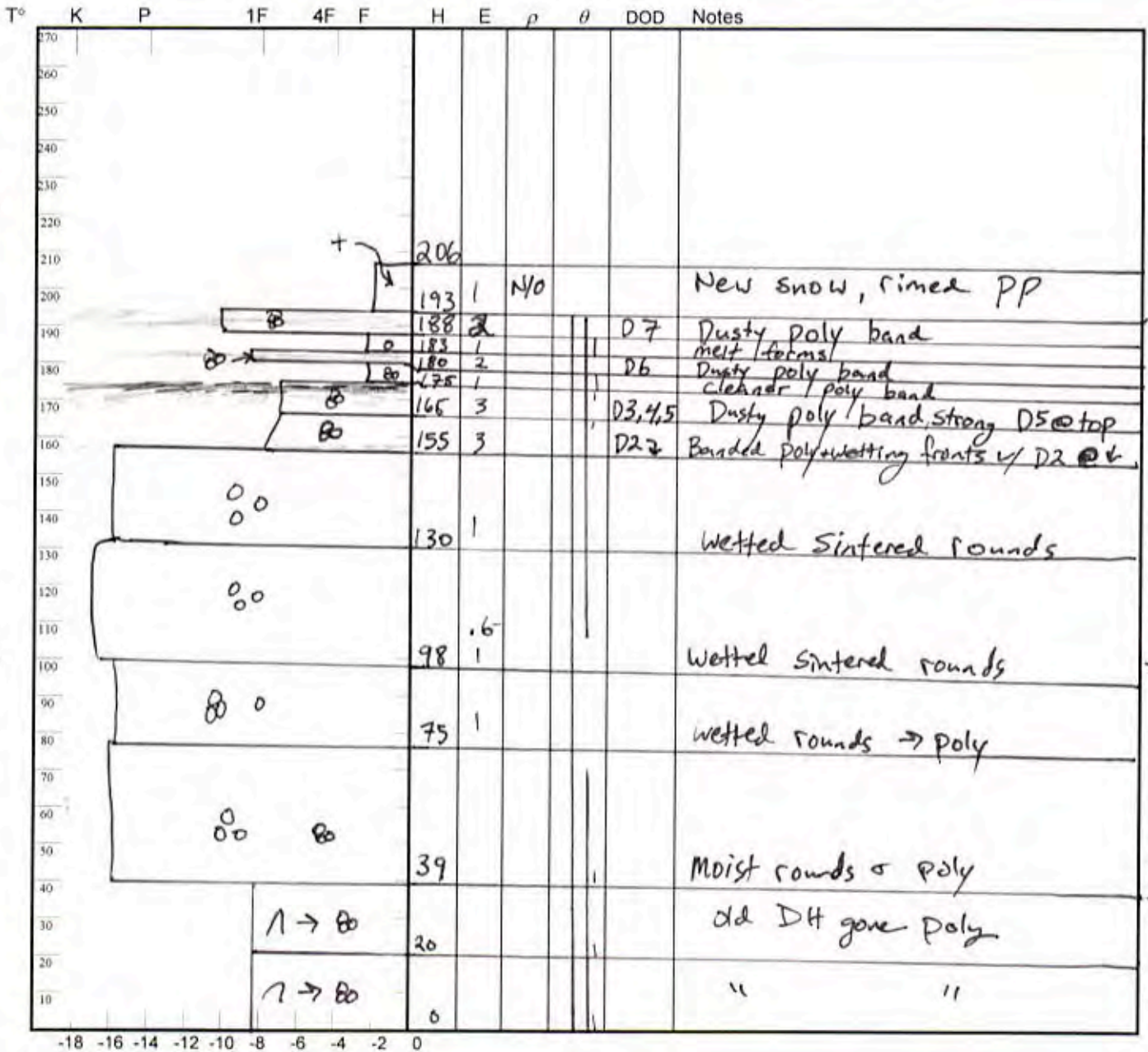
Prior Pit: # _____; _____/_____/_____

Total Snowpack SWE: 904 mm H₂O

HS Norm: 2.0 m

Mean ρ 452 kg/m³

Notes: _____



Temp. °C

ALL 0°C

7 SWE

7
65
58
49
63
39
103
73
99
66
100
90
92

Notes:

Observers: JD, JT

Center for Snow and Avalanche Studies

Profile # 1 JT

Time: 1058

Snowpack Profile

Date: 04/08/2019

Location: SBSP

Elev. _____ Aspect: _____

Boot Pen: 15 cm \angle : _____°

Air T: 2.5 °C

Sky: BKN-OVC Precip: nil

Wind: calm

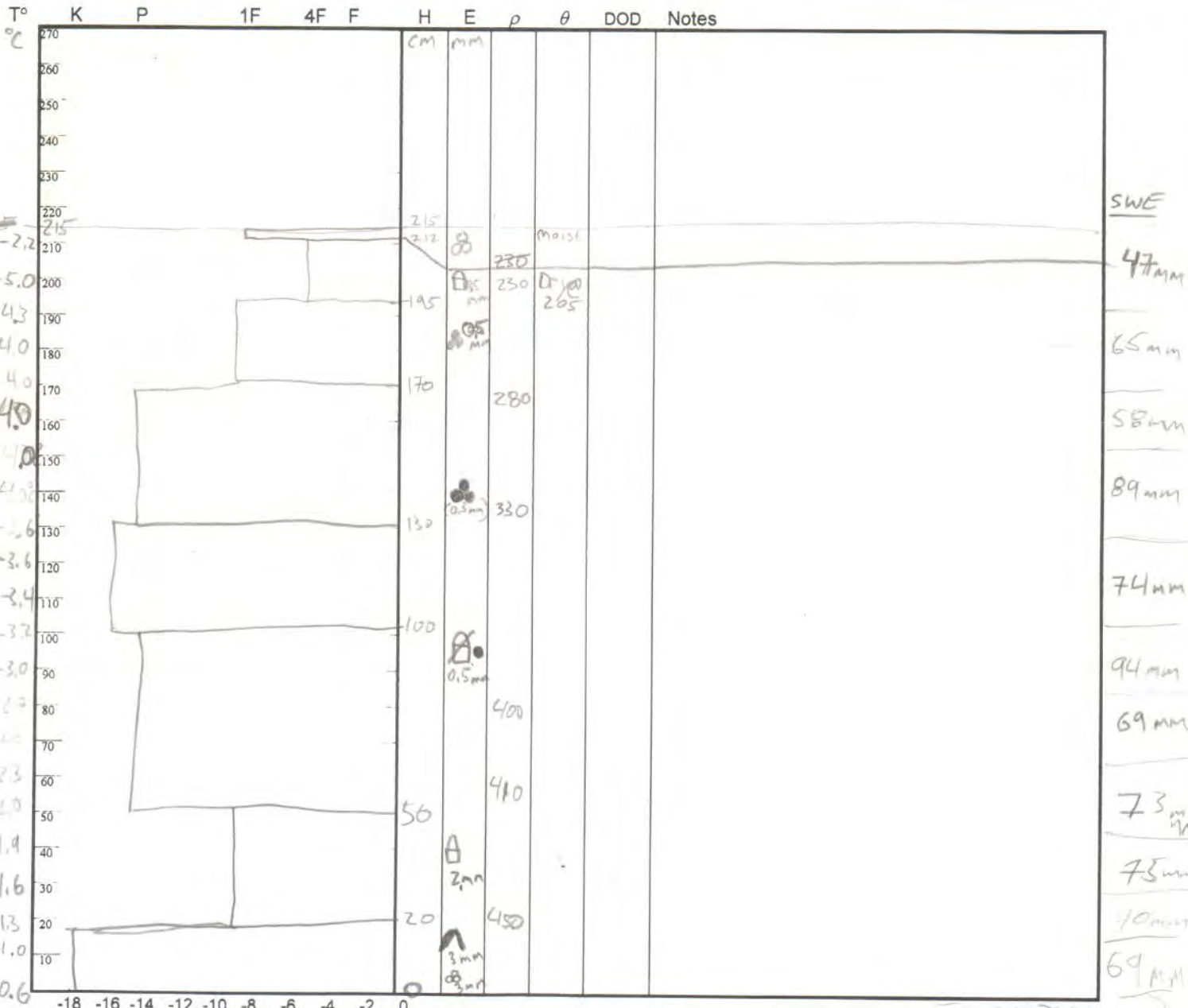
Prior Pit: # 0; 4/8/19

Total Snowpack SWE: 783 mm H₂O

HS Norm: 216 m

Mean ρ : _____ kg/m³ Notes: _____

No data



SWE
47mm
65mm
58mm
89mm
74mm
94mm
69mm
73mm
75mm
70mm
69mm

-1.5°C
-0.3°C
-2.2
-5.0
-4.3
-4.0
-4.0
-4.0
-4.0
-3.6
-3.4
-3.2
-3.0
-2.7
-2.3
-1.9
-1.6
-1.3
-1.0
-0.6

Notes: 1-183cm, 2-207cm, 3-248cm, 4-245cm, 5-261cm, 6-212cm

Total: 30.83 inches
783

Observers: AT

Center for Snow and Avalanche Studies

Profile # _____

Time: 1200

Snowpack Profile

Date: 5/6/2019

Location: SBSP

Elev. 12,200'

Aspect: N

Boot Pen: 22 cm

\angle : 3 °

Air T: 5 °C

Sky: 11

Precip: NO

Wind: Lt.

Prior Pit: # _____ ; _____ / _____ / _____

Total Snowpack SWE: 774 mm H₂O

HS Norm: 1.98 m

Mean ρ 391 kg/m³

Notes: Dust evident

on surface + within new snow

T°	K	P	1F	4F	F	H	E	ρ	θ	DOD	Notes
170											
196											
187						196					
187						187	.5	370			D4 Melting new snow \rightarrow poly, Lt. Dust
172						172	.5	260			D4 moistened DF's + rounds, possibly dusty
139						139	2-3	400			D3 Large Poly w/ Dust + ice beads
420								420			Small moist rounds
440								440			
108						108	.3				
90						90	.3	520			moist rounds + small poly
74						74	.3	410			Moist small rounds
410								410			old large mixed gone poly
40						40	.8-2	410			
340								340			moist mixed going poly
300								300			Depth Hoar: moist w/ sharp corners + striations

Temp °C
ALL 0°C

7
SWE
69
55
87
76
74
83
68
74
46
63
79

Notes:

Observers: AT+JT

Center for Snow and Avalanche Studies

Profile # _____

Time: 1030

Snowpack Profile

Date: 5 / 22 / 19

Location: SBSP

Elev. 12,200

Aspect: N

Boot Pen: 21 cm

∠: 3 °

Air T: -2 °C

Sky: ⊕

Precip: S2

Wind: Mod

Prior Pit: # _____ ; _____ / _____

Total Snowpack SWE: 889 mm H₂O

HS Norm: 2.33 m

Mean ρ 381.5 kg/m³

Notes: _____

T° K P 1F 4F F H E ρ θ DOD Notes

Temp. °C
 0.0' T surf
 -1.7
 -1.2
 -0.7
 -0.2
 0.0

T°	K	P	1F	4F	F	H	E	ρ	θ	DOD	Notes
230						230					
225						215	1		N/O		precip. part. w/ graupel + rime
220						208	1			D6	Dusty band, chalky & warmer
215						199	1			D5 D4	Dusty rounding DF's on W/F crust
210						185	2-3			D3	Poly w/ D4 @ top + D3 @ bottom
205						193	3			D3 D3	large poly w/ leached B @ Top
200						155	.5				Small sintered sands, wetted
195											Small moist rounds
190						110					
185							.5				Small moist rounds
180						67					
175						44	.8				Moist sintered mixed
170						20	2-3				Moist sintered mixed + DF gony Poly
165						0	3				Depth Hoar w/ sharp corners & Striations + Poly

7
 SWE
 28
 23
 30
 45
 53
 75
 68
 54
 61
 99
 72
 43
 60
 40
 62
 43
 33

Notes:

Observers: JD/AT

Center for Snow and Avalanche Studies

Profile # 3 JT

Time: 1030

Snowpack Profile

Date: 1/1

Location: SBSP

Elev. NR Aspect: NR

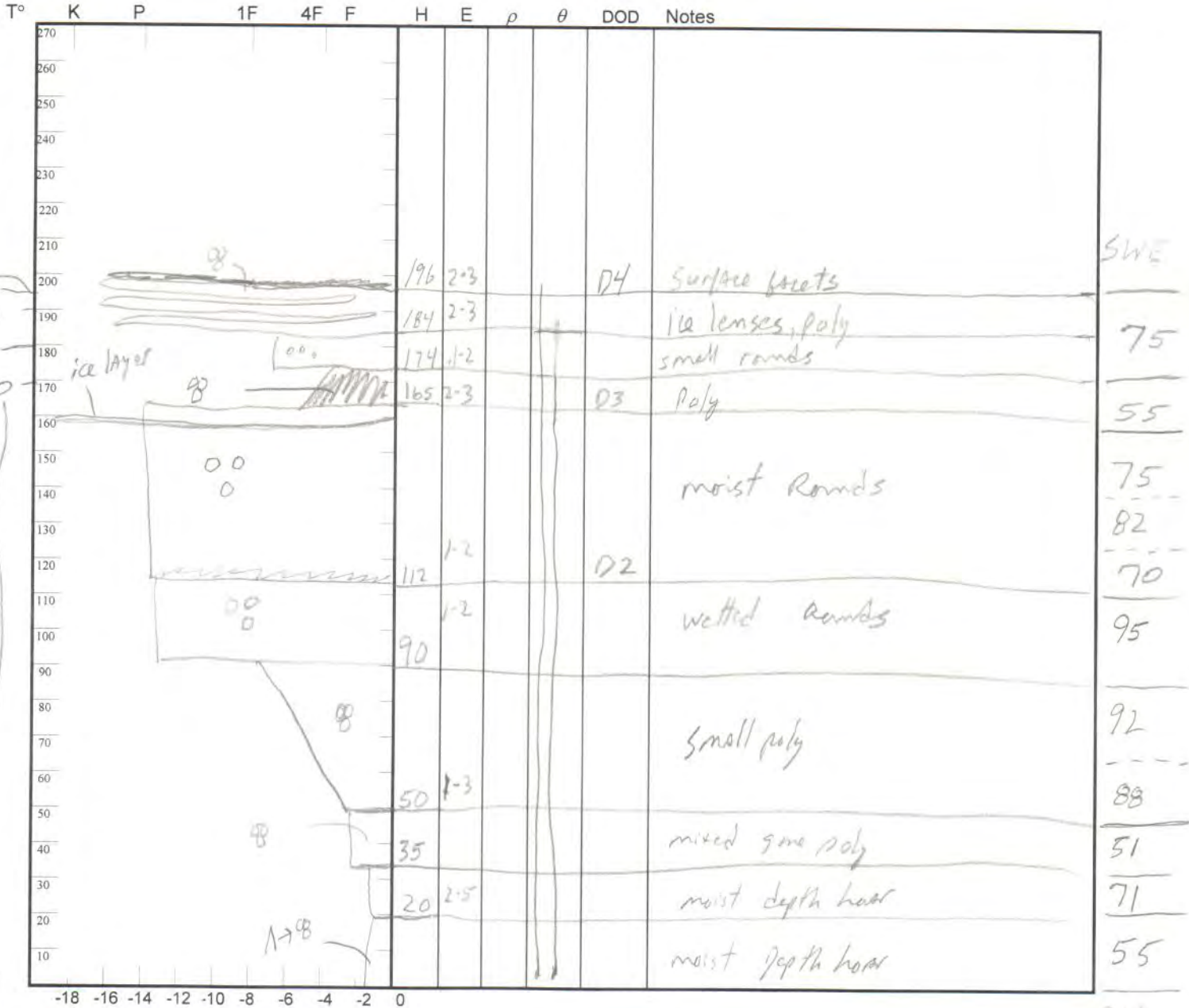
Boot Pen: 1 cm \angle : NR °

Air T: NR °C Sky: ☉

Precip: NI Wind: CAW

Prior Pit: # 2; 5/22/19 JT

Total Snowpack SWE: 809 mm H₂O HS Norm: 1.98 m Mean ρ 409 kg/m³ Notes: _____



Notes:

809