Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 1

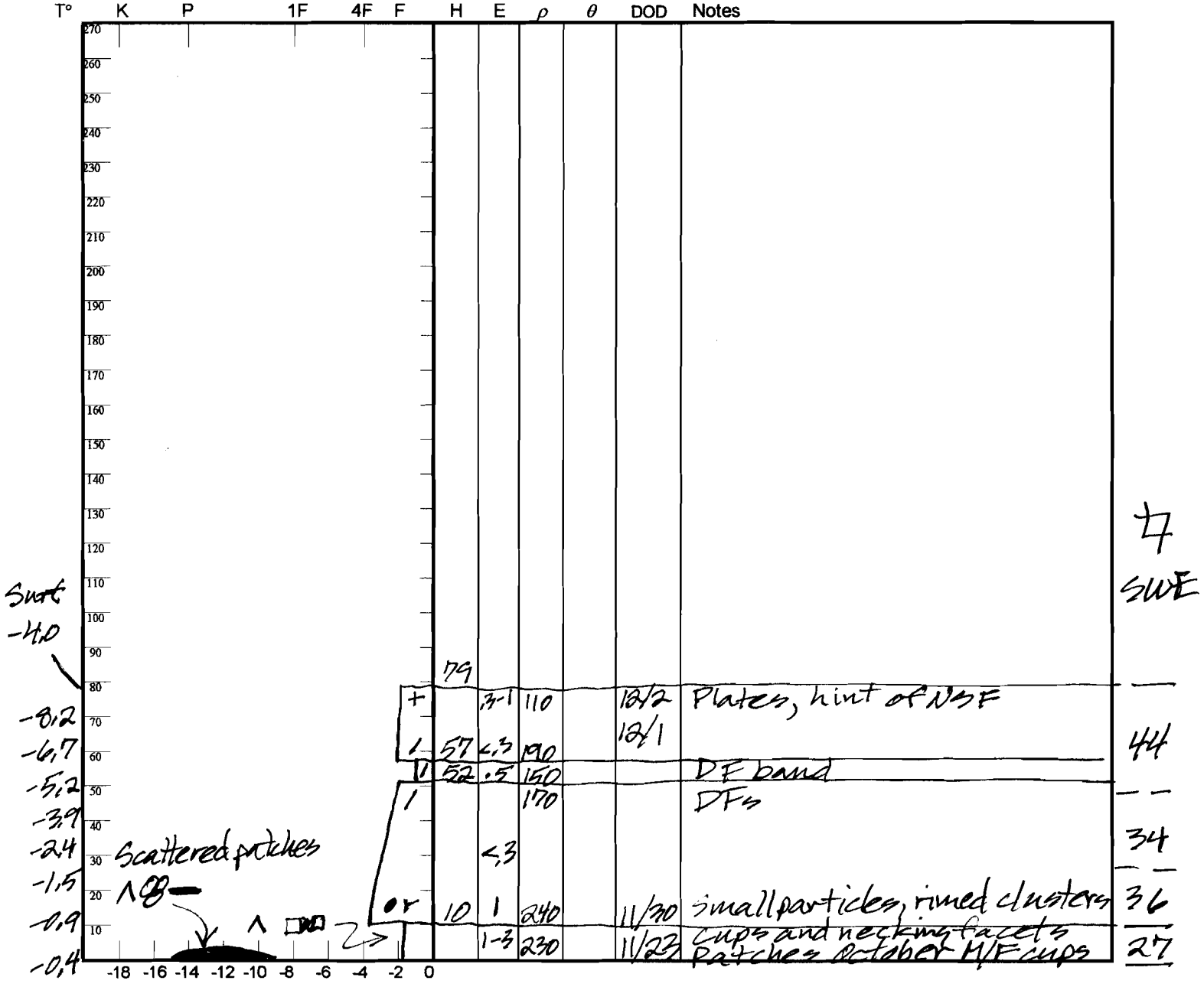
Time: 1045 | **Snowpack Profile** | Date: 12/3/07

Location: SASP | Elev. 11,050 | Aspect: NE | Boot Pen: 73 cm | ∠: 4°

Air T: +6 °C | Sky: O | Precip: Nil | Wind: Nil | Prior Pit: # —; —/—

Total Snowpack SWE: 141 mm H_2O | Notes: HS↓ = 0.785 m; $\bar{\rho}$ = 180 kg/m³

No visible dust layer with Storm #5 (11/30-12/2)



Potential Slab				Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x x x 9.8 =							
B	mm ÷ m =	x x x 9.8 =							

Notes:

V. 11/20/03

Observers: CL+MB | **Center for Snow and Avalanche Studies** | Profile # 2

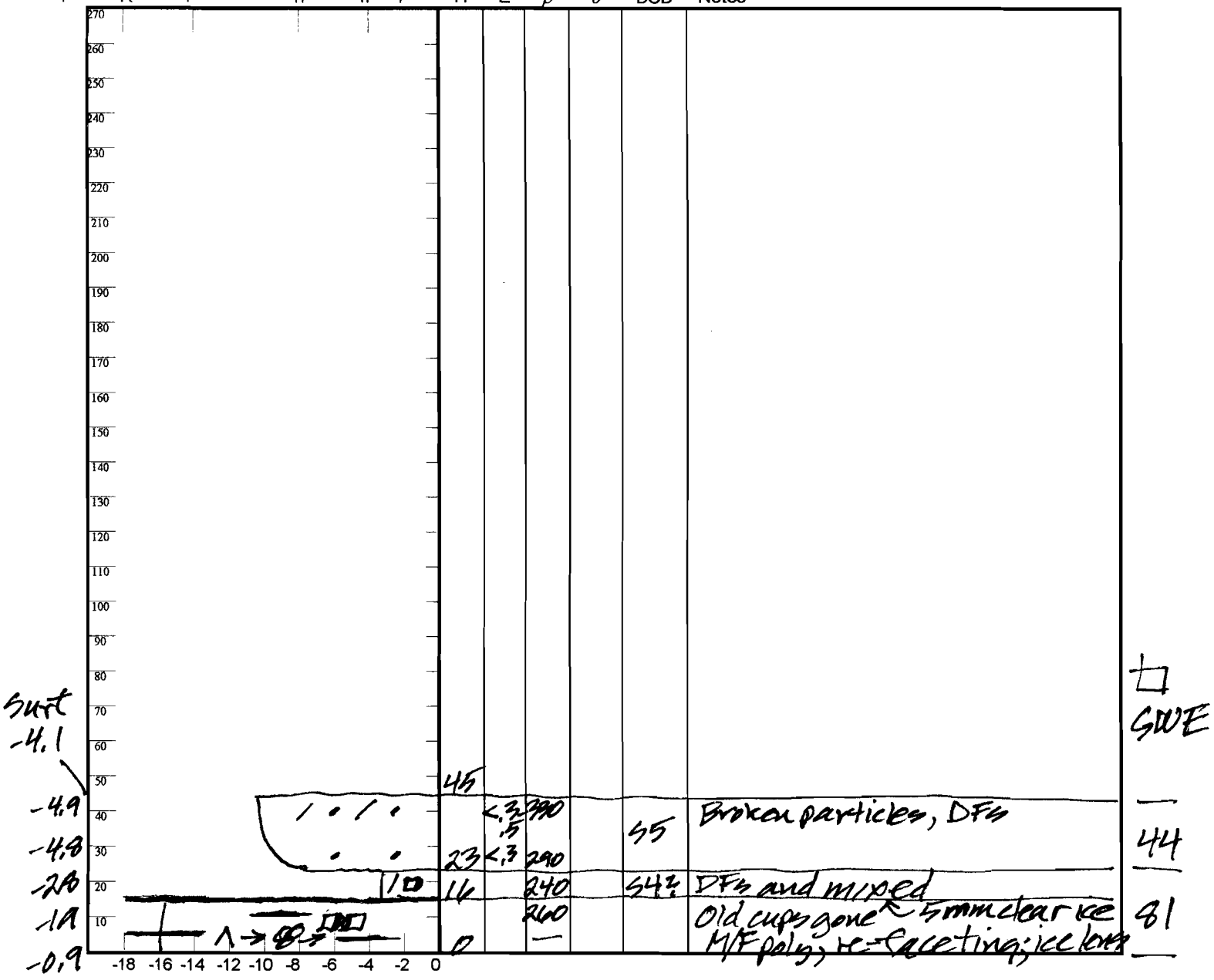
Time: 1035 | **Snowpack Profile** | Date: 12/5/07

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: 0-17 cm | ∠: 23°

Air T: -2 °C | Sky: ⊘ | Precip: Nil | Wind: Lt | Prior Pit: # —; —/—/—

Total Snowpack SWE: 125 mm H_2O | Notes: HS ± = 0.42; $\bar{\rho}$ = 298 kg/m³

SBSP generally filled, but surrounding terrain scoured & variable snowcover.



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

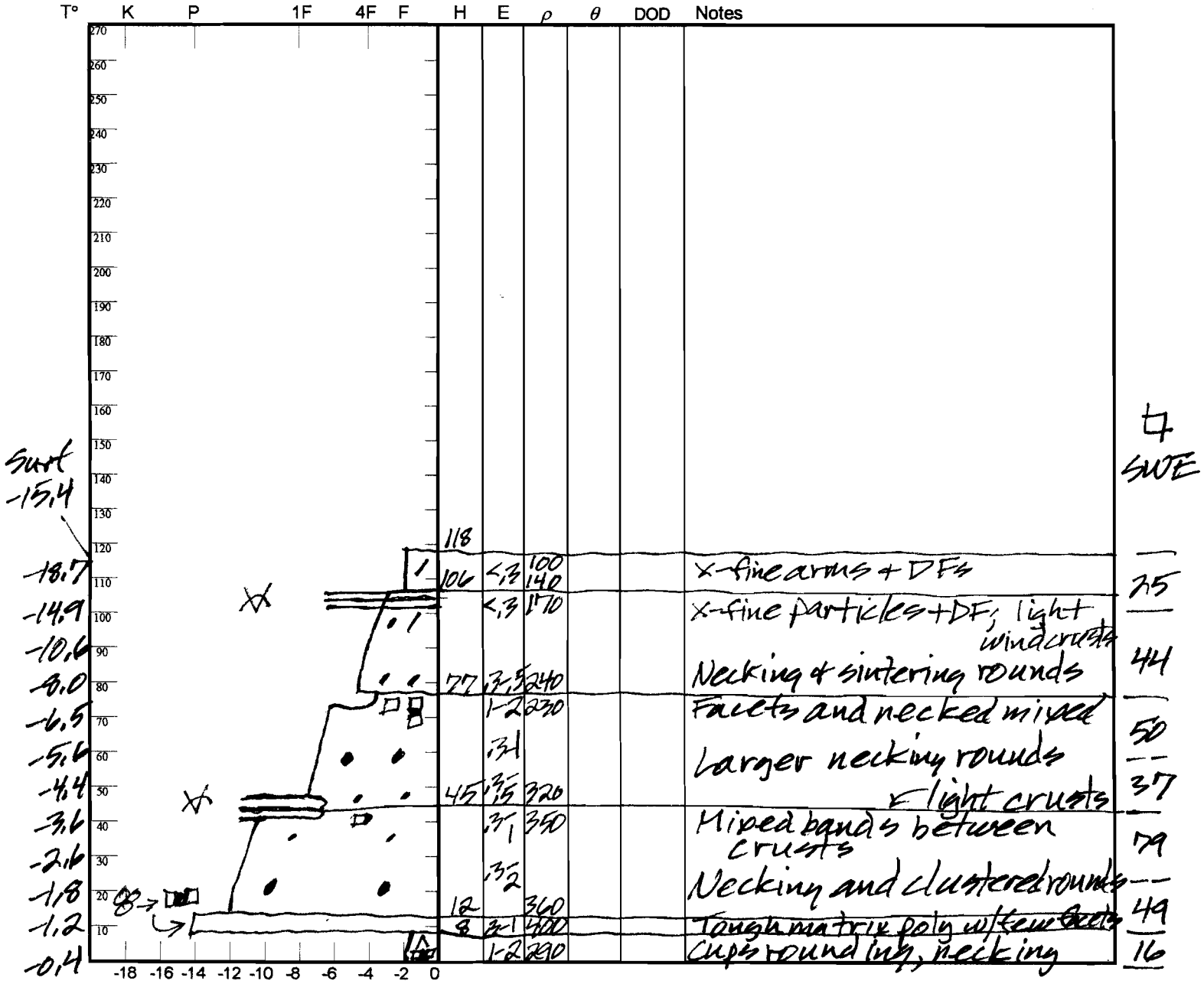
Observers: CL, AT, SS | **Center for Snow and Avalanche Studies** | Profile # 3

Time: 1130 | **Snowpack Profile** | Date: 1/1/08

Location: SASP | Elev. 11,050 | Aspect: NE | Boot Pen: 36 cm | ∠: 3°

Air T: -5 °C | Sky: O | Precip: Nil | Wind: Nil | Prior Pit #: 1; 12/31/07

Total Snowpack SWE: 300 mm H_2O | Notes: HS4 = 1.17m; $\bar{\rho}$ = 256 kg/m³



Potential Slab												Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}			Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}								F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷	m =		x		x		x 9.8 =										
B	mm ÷	m =		x		x		x 9.8 =										

Notes:

V. 11/20/03

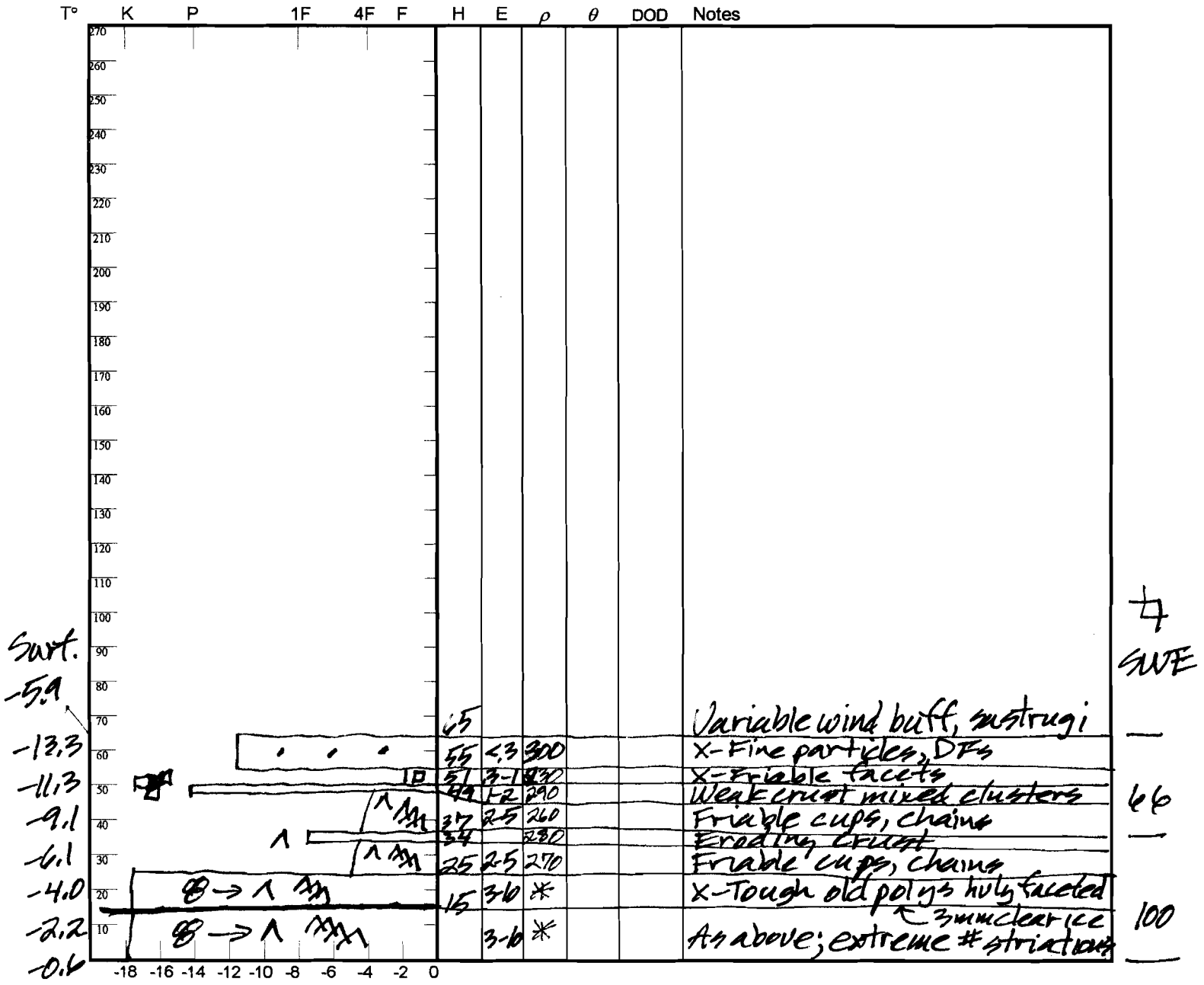
Observers: CL+MB | **Center for Snow and Avalanche Studies** | Profile # 4

Time: 1125 | **Snowpack Profile** | Date: 1/2/08

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: var cm | ∠: 3°

Air T: -1 °C | Sky: O | Precip: Nil | Wind: Nil | Prior Pit: # 2 ; 12/5/07

Total Snowpack SWE: 166 mm H_2O | Notes: HS ⏢ = 0.61 m; $\bar{\rho}$ = 272 kg/m³



Potential Slab							Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x	ρ	x 9.8 =	τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes: * too tough to sample for density; got SWE core

V. 11/20/03

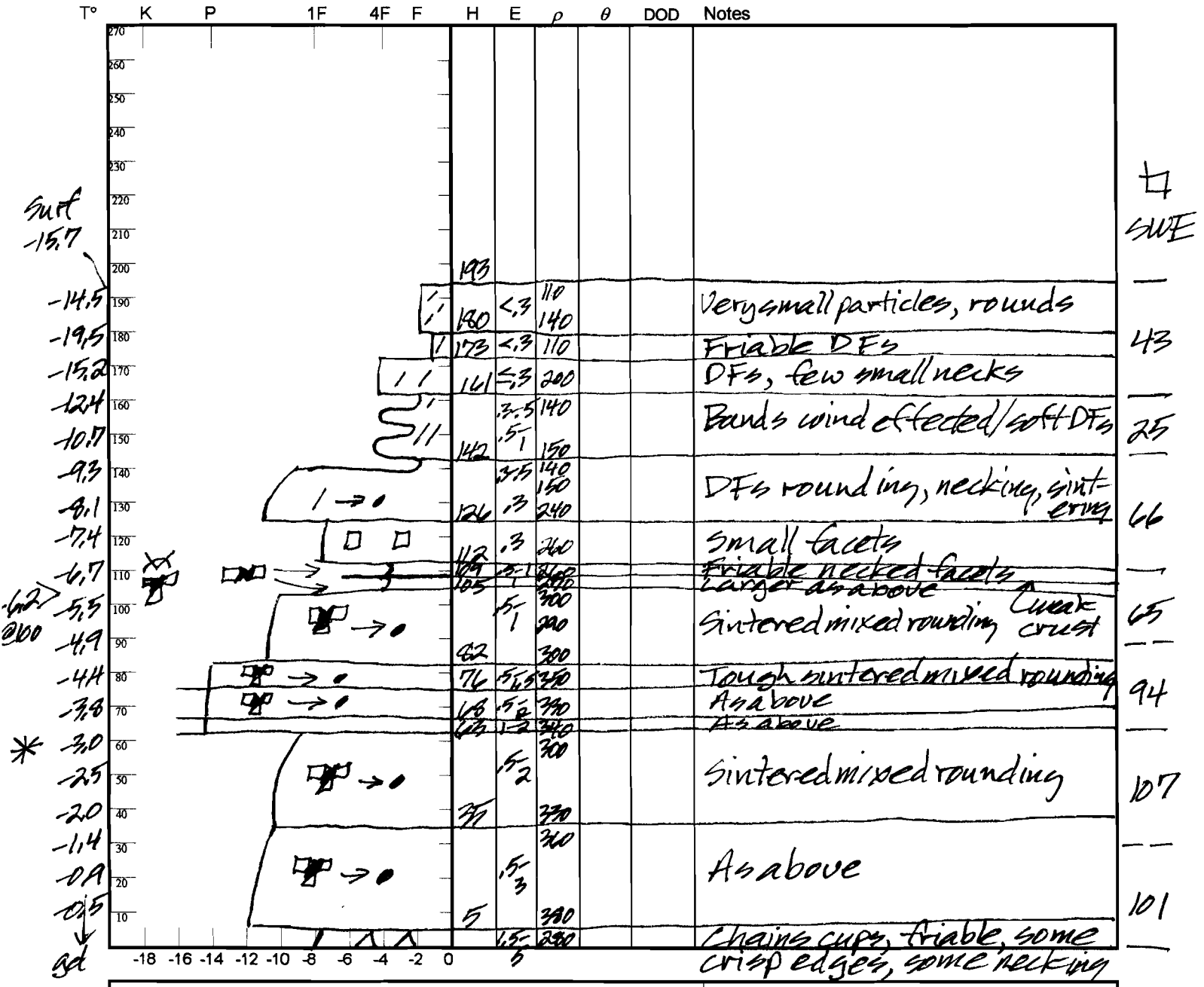
Observers: CL | **Center for Snow and Avalanche Studies** | Profile # 5

Time: 1200 | **Snowpack Profile** | Date: 1/31/08

Location: SASP | Elev. 11,050' | Aspect: NE | Boot Pen: 55 cm | ∠: 3°

Air T: -7 °C | Sky: O | Precip: Nil | Wind: Nil | Prior Pit #: 3; 1/1/08

Total Snowpack SWE: 501 mm H_2O | Notes: HS tot = 1.91m; ρ = 260 kg/m³



Potential Slab					Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x x x 9.8 =							
B	mm ÷ m =	x x x 9.8 =							

Notes: * move each value from 100 cm downward one 10 cm step; temp @ 100 cm = -6.2

V. 11/20/03

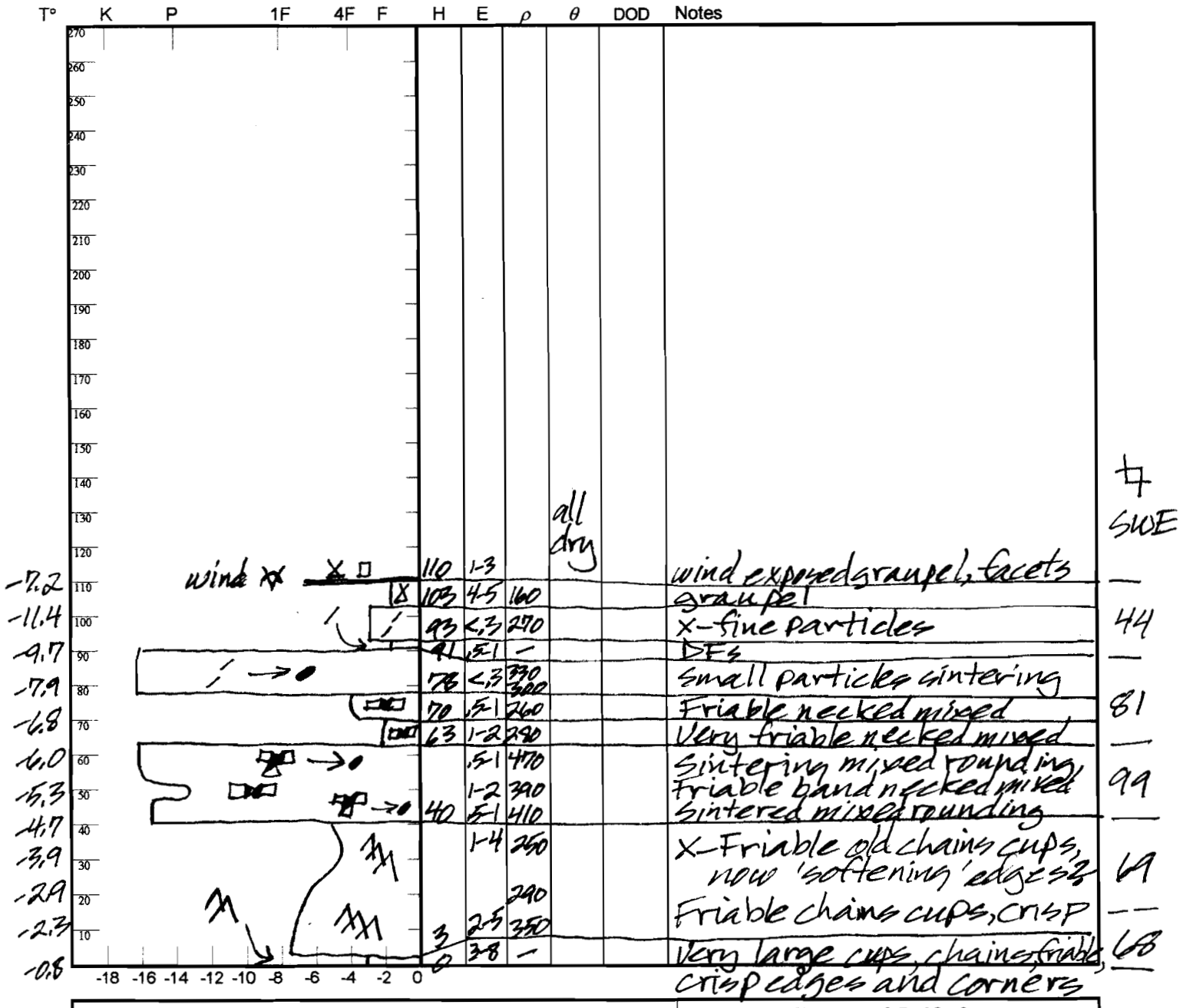
Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 6

Time: 1210 | **Snowpack Profile** | Date: 2/10/08

Location: SBSP | Elev. 12,200 | Aspect: NE | Boot Pen: 14 cm | ∠: 4°

Air T: 0 °C | Sky: O | Precip: Nil | Wind: Lt | Prior Pit: # 4 ; 1/2/08

Total Snowpack SWE: 361 mm H_2O | Notes: HS↳ = 1.14; $\bar{\rho}$ = 317 kg/m³



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

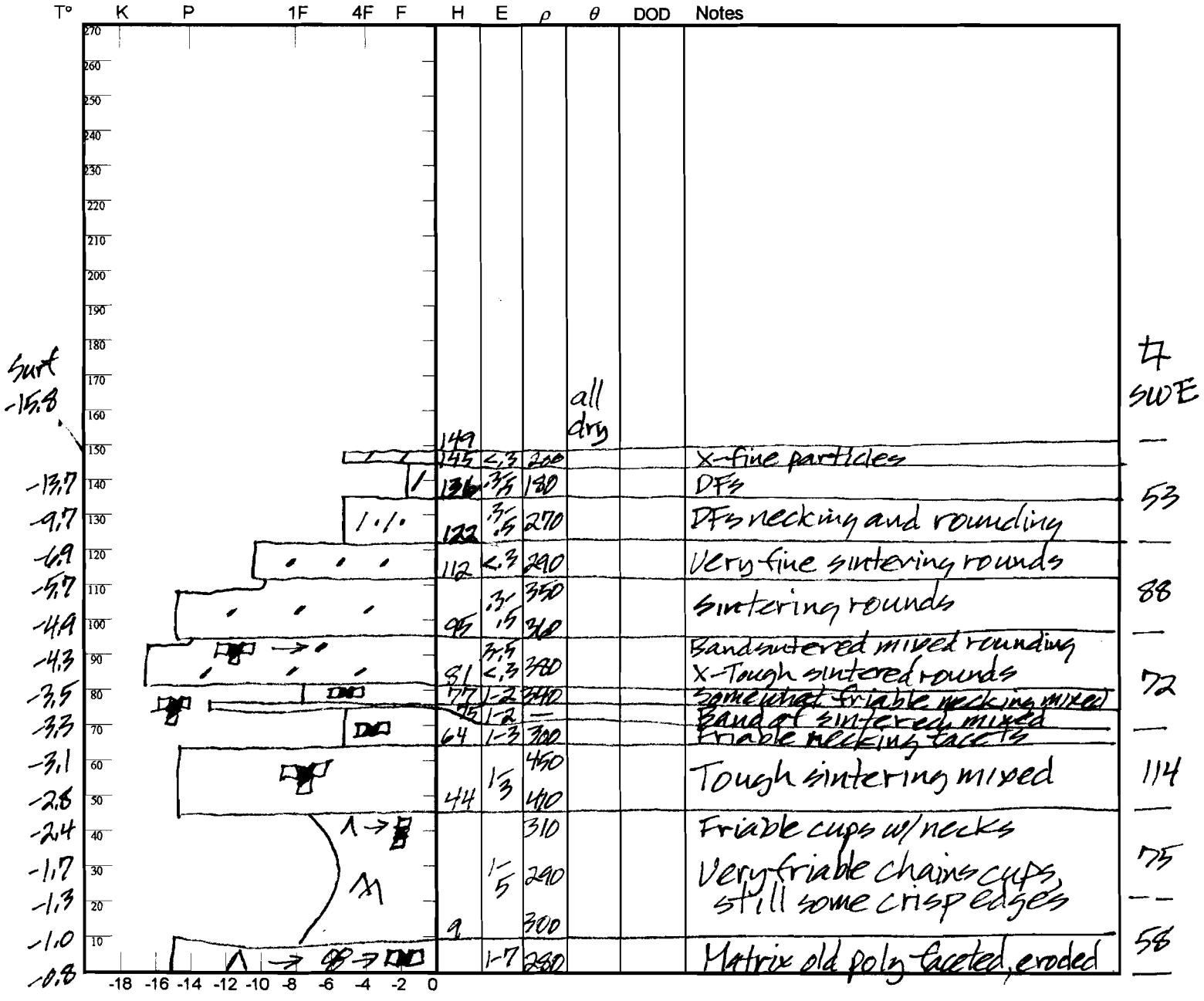
Observers: CL+MB | **Center for Snow and Avalanche Studies** | Profile # 7

Time: 1115 | **Snowpack Profile** | Date: 3/3/08

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: 18 cm | ∠: 4°

Air T: -9 °C | Sky: O | Precip: Nil | Wind: Lt | Prior Pit: # 6 ; 2/10/08

Total Snowpack SWE: 460 mm H_2O | Notes: HS ↳ = 1.50m ; $\bar{\rho}$ = 307 kg/m³ ; bad spindrift



Potential Slab					Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}			F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =							
B	mm ÷ m =	x	x	x 9.8 =							

Notes:

V. 11/20/03

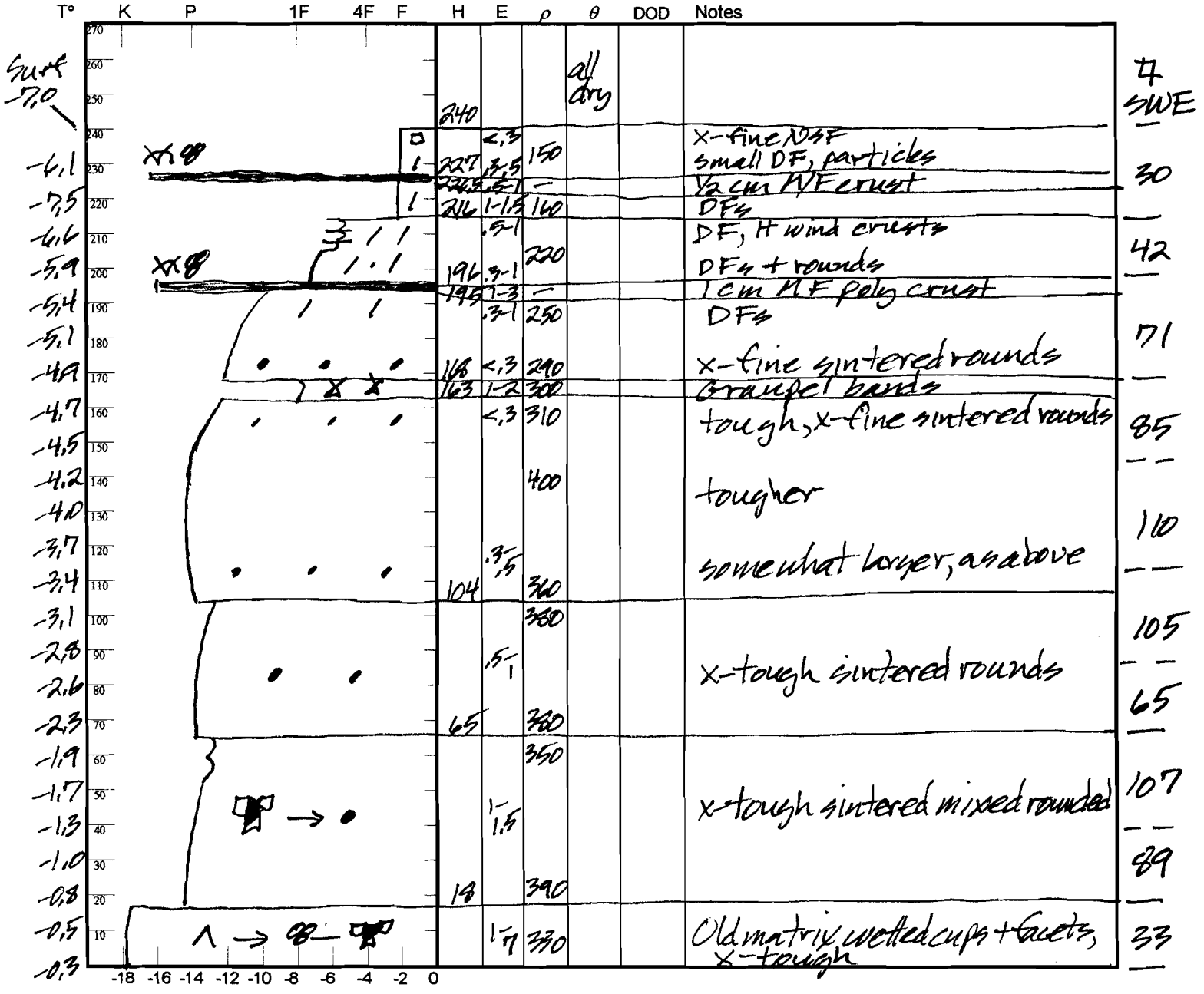
Observers: CL+MB | **Center for Snow and Avalanche Studies** | Profile # 8

Time: 1430 | **Snowpack Profile** | Date: 3/3/08

Location: SASP | Elev. 11,050 | Aspect: NE | Boot Pen: 26 cm | ∠: 3°

Air T: -3 °C | Sky: O | Precip: Nil | Wind: Nil | Prior Pit #: 5; 1/31/08

Total Snowpack SWE: 737 mm H_2O | Notes: HS = 2.38 m; $\bar{\rho}$ = 310 kg/m³; no dust layers



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

Observers: CL+SH | **Center for Snow and Avalanche Studies** | Profile # 9

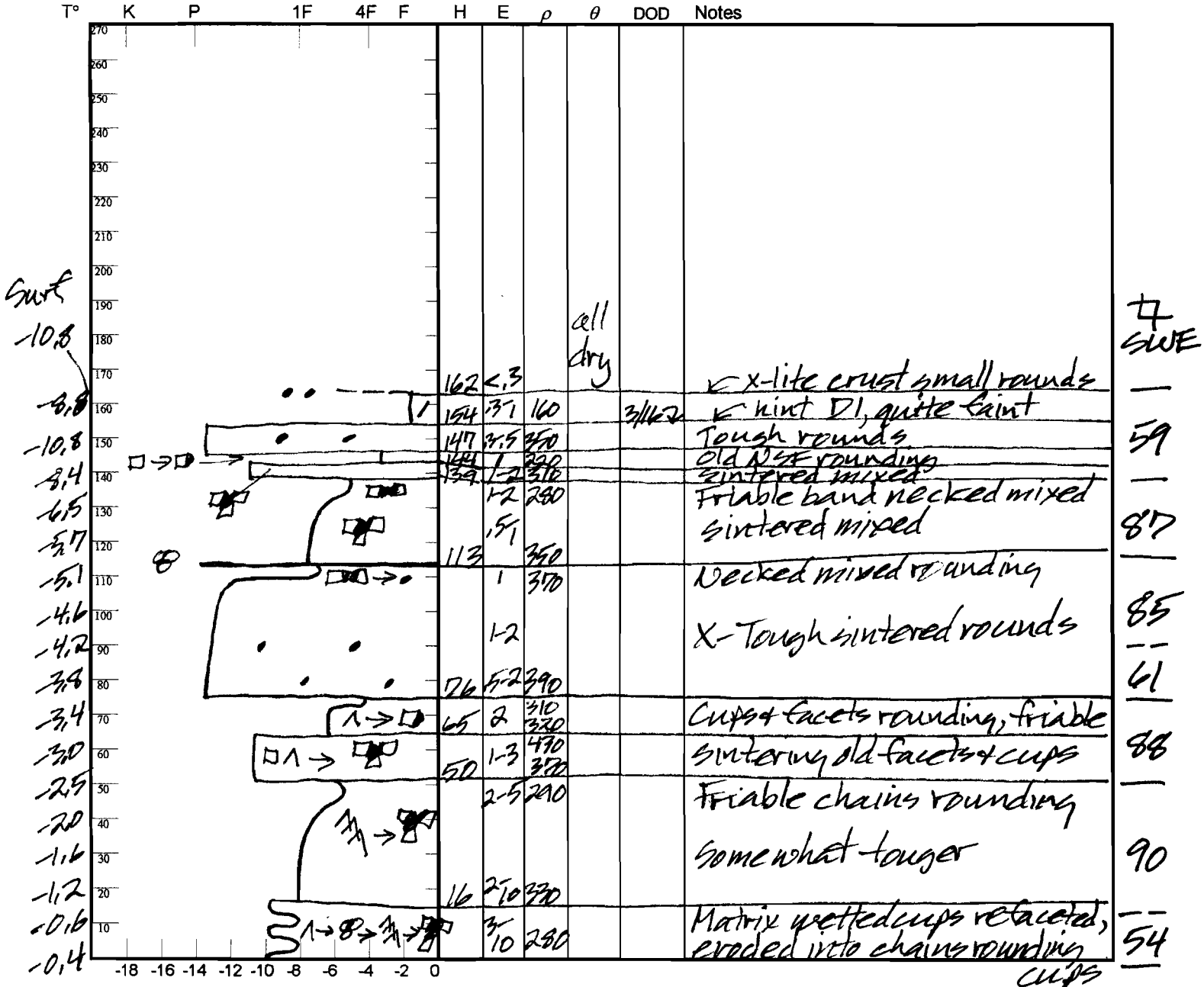
Time: 1030 MST | **Snowpack Profile** | Date: 3/23/08

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: 3 cm | ∠: 4°

Air T: -4 °C | Sky: O | Precip: Nil | Wind: L+ | Prior Pit: # 7 ; 3/3/08

Total Snowpack SWE: 524 mm H_2O | Notes: HS+ = 159; $\bar{\rho}$ = 330 kg/m³

Faint traces of DI on wind stripped old crust surfaces



SWE
—
59
—
87
—
85
--
61
—
88
—
90
--
54

Potential Slab					Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x x x 9.8 =							
B	mm ÷ m =	x x x 9.8 =							

Notes:

V. 11/20/03

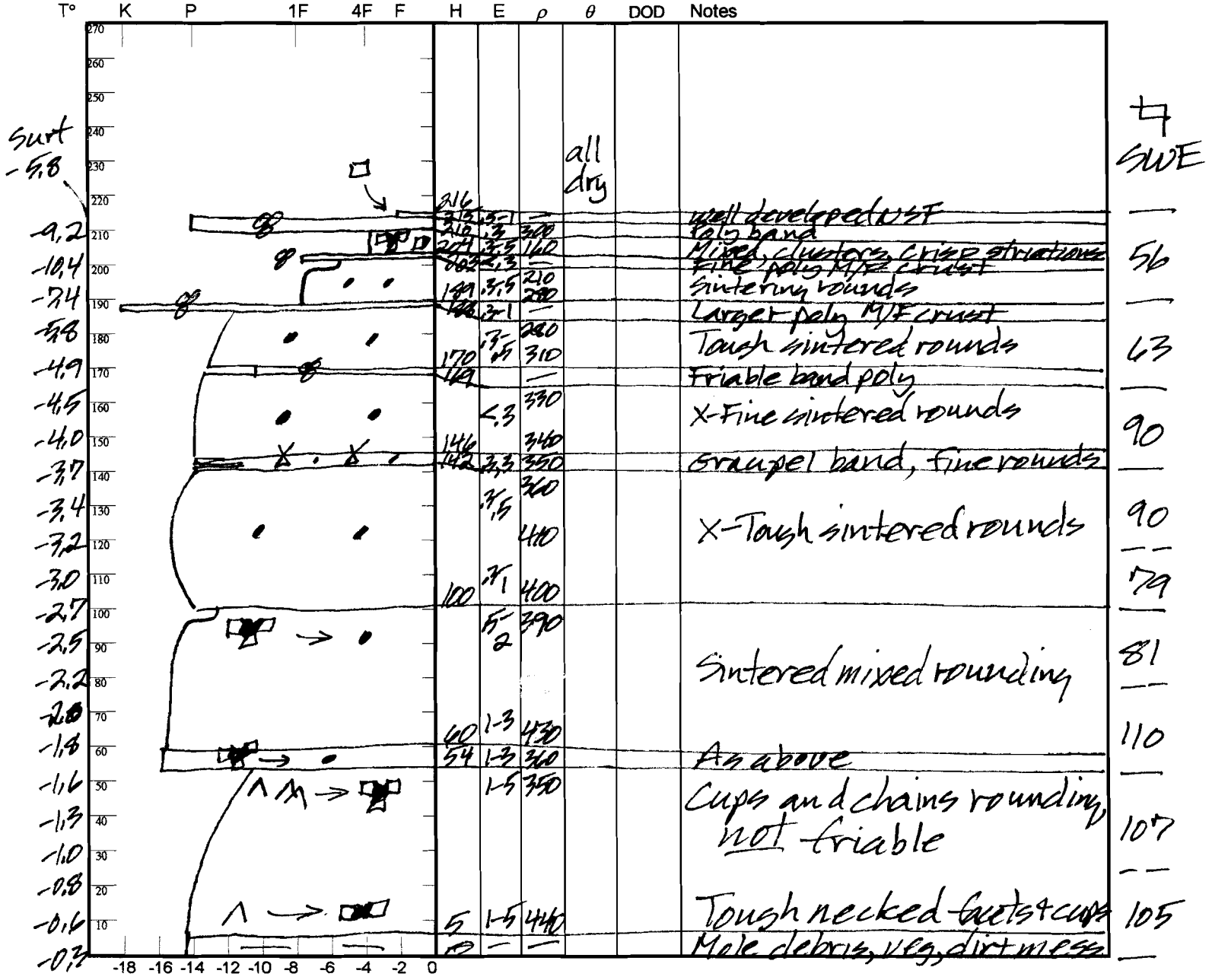
Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 10

Time: 0910 | **Snowpack Profile** | Date: 3/24/06

Location: SASP | Elev. 11,050' | Aspect: NE | Boot Pen: 12 cm | ∠: 3°

Air T: +2 °C | Sky: O | Precip: Nil | Wind: Nil | Prior Pit: # 8 ; 3/3/06

Total Snowpack SWE: 781 mm H_2O | Notes: HS↓ = 2.15m; $\bar{\rho}$ = 363 kg/m³; DI dust not apparent in pit; full set to gravimetrics collected



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 11

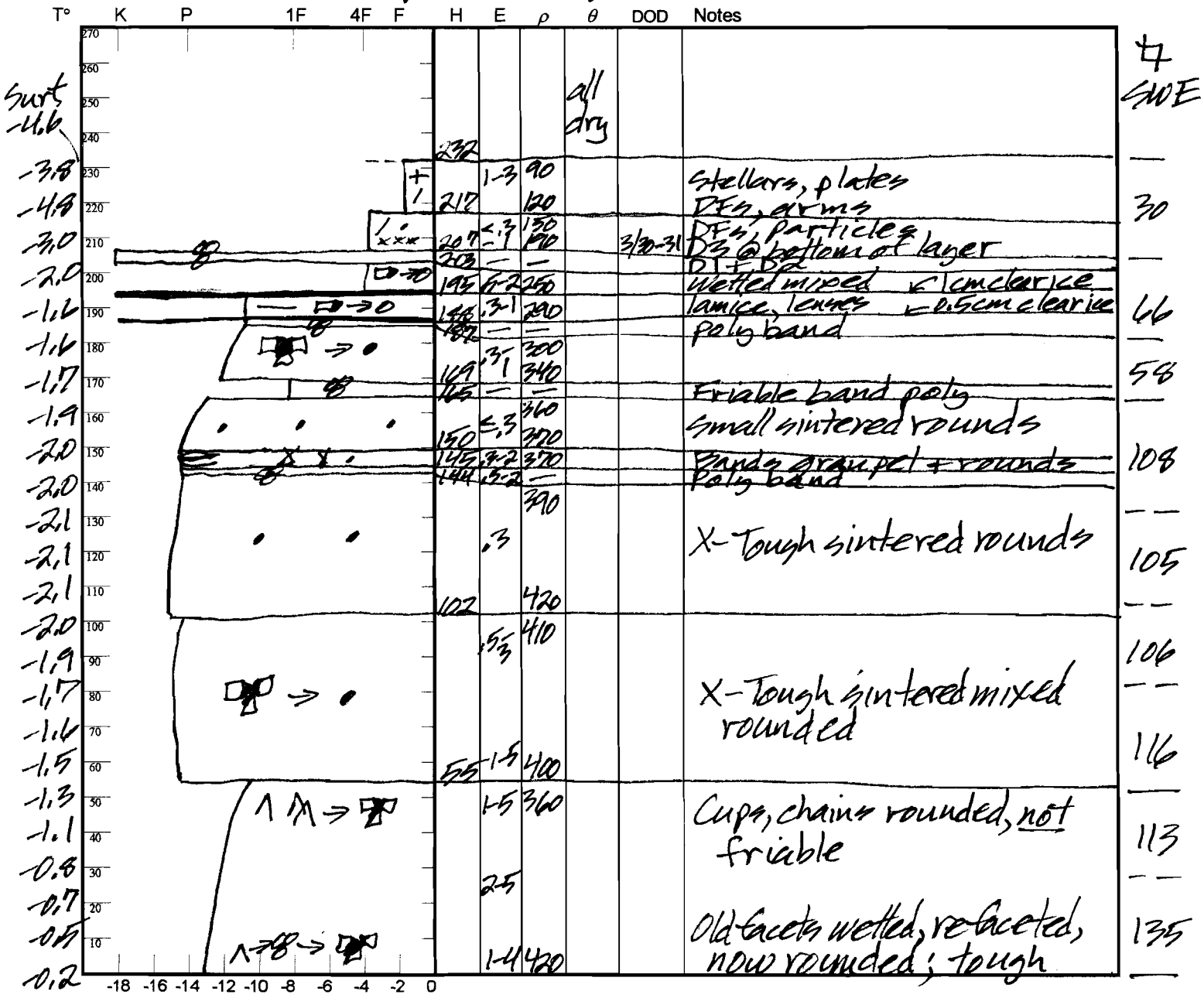
Time: 0955 MST | **Snowpack Profile** | Date: 4/1/08

Location: SASP | Elev. 11,050' | Aspect: NE | Boot Pen: 21 cm | ∠: 3°

Air T: 0 °C | Sky: ◐ | Precip: Nil | Wind: Lt | Prior Pit: # 10; 3/24/08

Total Snowpack SWE: 837 mm H_2O | Notes: HS tot = 2.34m; $\bar{\rho}$ = 358 kg/m³

D3 0.5m² bulk sample in aux. plot



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

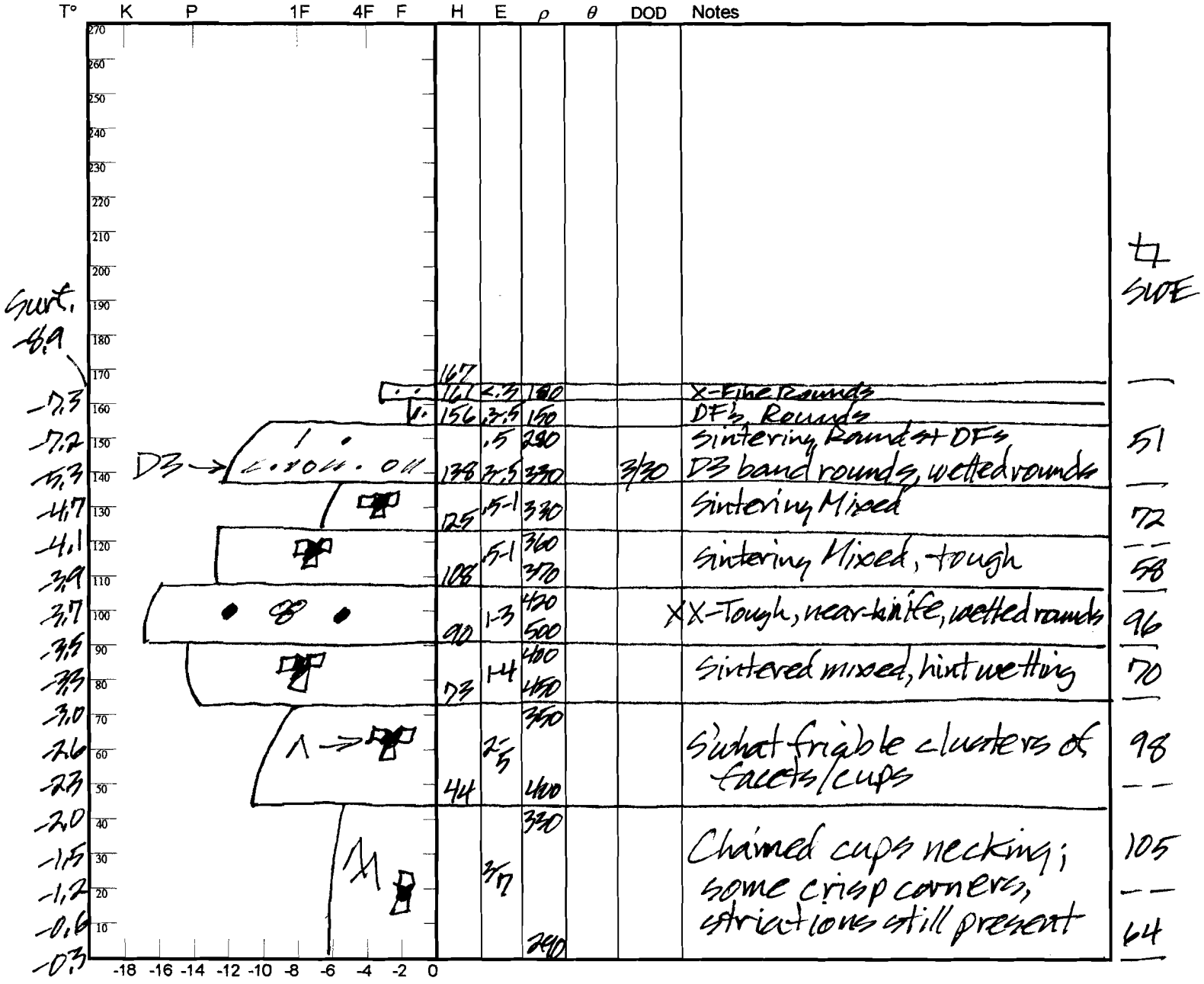
Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 12

Time: 1125 | **Snowpack Profile** | Date: 4/8/08

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: 12 cm | ∠: 5°

Air T: -4 °C | Sky: O | Precip: Vil | Wind: Lt | Prior Pit: # 9 ; 3/23/08

Total Snowpack SWE: 614 mm H_2O | Notes: HS+=1.66 $\bar{\rho}$ = 370 kg/m³. DZ variable in pit face, weakly present in gravimetrics #7+#8



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x	ρ	x 9.8 = τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =							
B	mm ÷ m =	x	x	x 9.8 =							

Notes:

V. 11/20/03

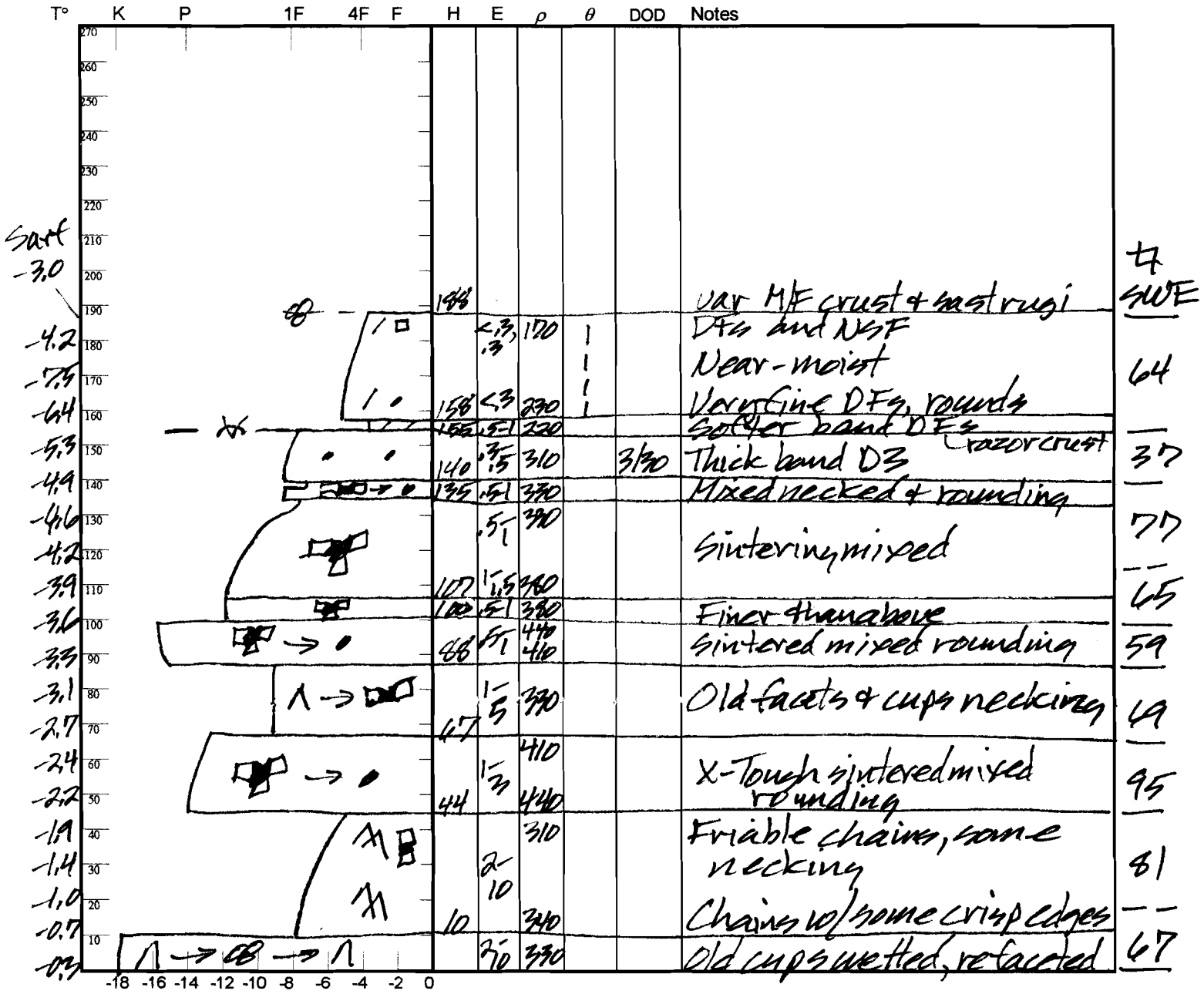
Observers: CL, PM, AT | **Center for Snow and Avalanche Studies** | Profile # 13

Time: 1000 | **Snowpack Profile** | Date: 4 / 14 / 08

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: 32 cm | ∠: 4°

Air T: +2 °C | Sky: O | Precip: Nil | Wind: Nil-Lt | Prior Pit #: 12 ; 4/8/08

Total Snowpack SWE: 614 mm H_2O | Notes: HST = 1.83m ; $\bar{\rho}$ = 336 kg/m³



Potential Slab								Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x	ρ	x 9.8 =	τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

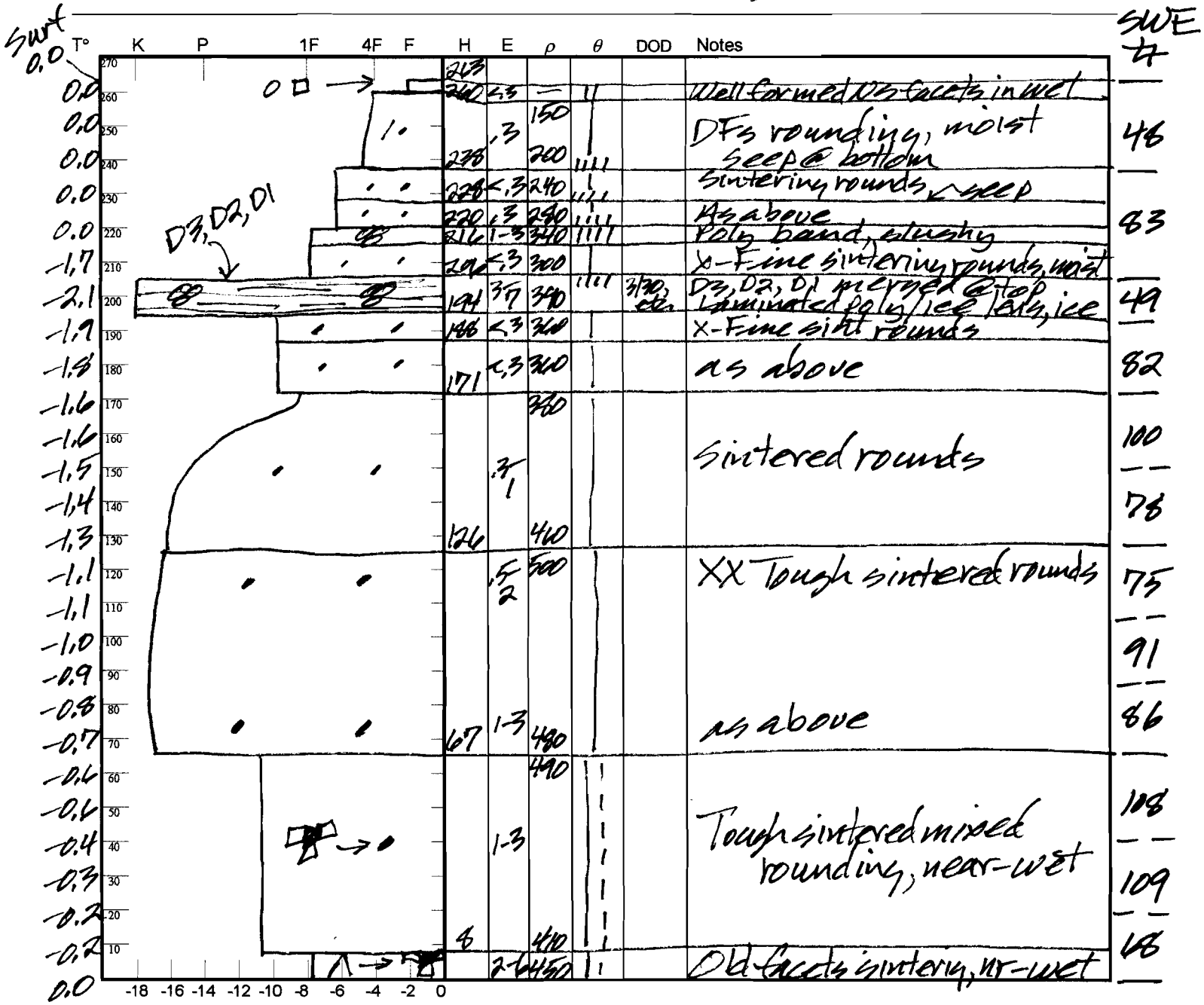
Observers: PM, CL, AG | **Center for Snow and Avalanche Studies** | Profile # 14

Time: 1445 | **Snowpack Profile** | Date: 4/14/08

Location: SASP | Elev. 11,050' | Aspect: NE | Boot Pen: 72 cm | ∠: 4°

Air T: +10 °C | Sky: O | Precip: Nil | Wind: Nil | Prior Pit: # 11 ; 4/1/08

Total Snowpack SWE: 977 mm H_2O | Notes: HS4 = 2.64 m; $\bar{\rho}$ = 370 kg/m³



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

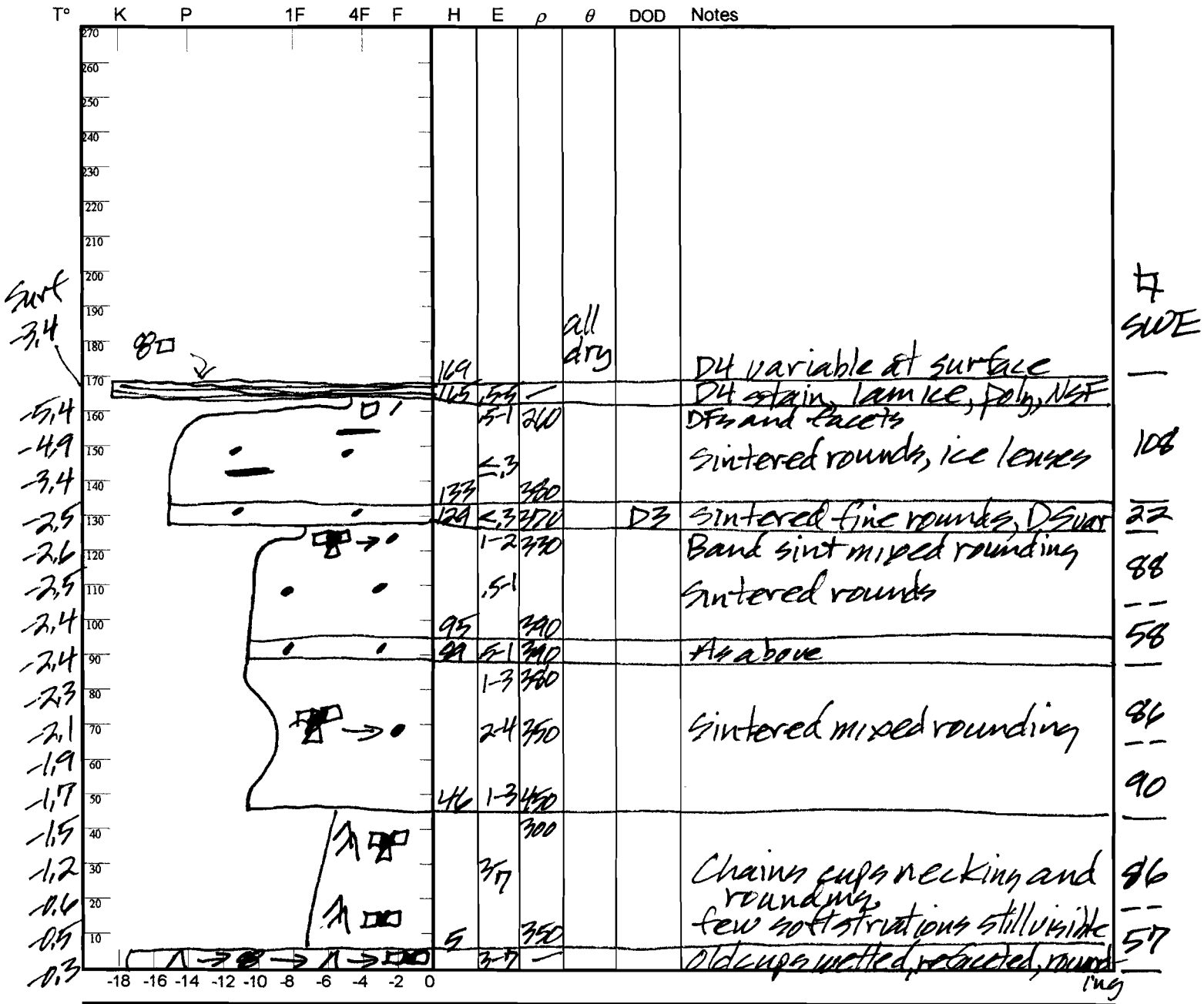
Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 15

Time: 0930 | **Snowpack Profile** | Date: 4/22/08

Location: SBSP | Elev. 12,800' | Aspect: NE | Boot Pen: 10 cm | ∠: 4°

Air T: +1 °C | Sky: O | Precip: Nil | Wind: Nil | Prior Pit: # 13; 4/14/08

Total Snowpack SWE: 595 mm H_2O | Notes: HS ↳ = 1.67m; ρ = 356 kg/m3



Potential Slab												Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}			Sin∠ x	H_{Nor} x	ρ	x 9.8 =	τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷	m =		x	x		x 9.8 =								
B	mm ÷	m =		x	x		x 9.8 =								

Notes:

V. 11/20/03

Observers: CL+AT

Center for Snow and Avalanche Studies

Profile # 16

Time: 1230

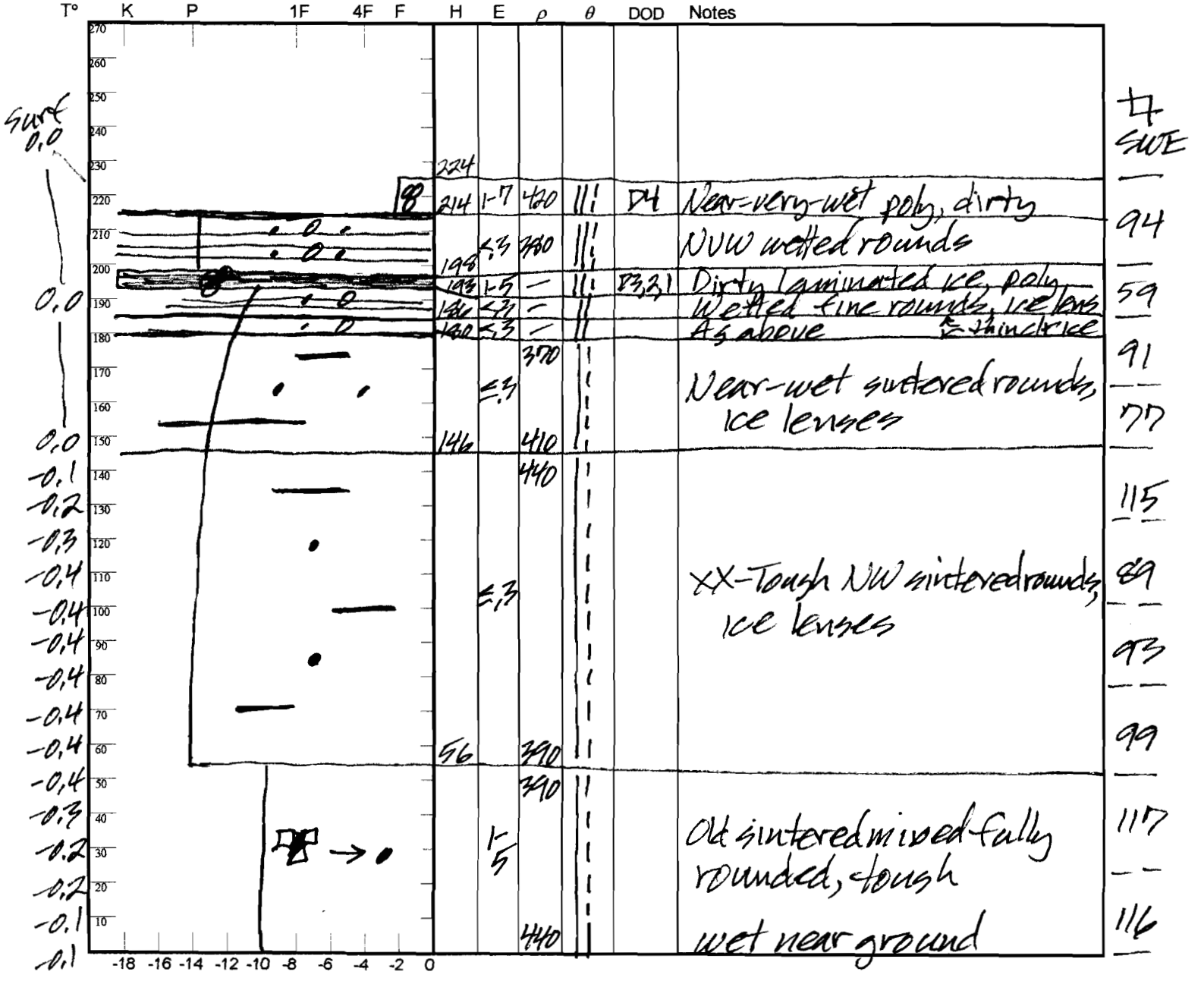
Snowpack Profile

Date: 4/22/08

Location: SASP Elev. 11,050' Aspect: NE Boot Pen: 12 cm ∠: 4°

Air T: +7 °C Sky: O Precip: Nil Wind: Nil Prior Pit: # 14; 4/14/08

Total Snowpack SWE: 950 mm H_2O Notes: HS+ = 2.23m; $\bar{\rho}$ = 426 kg/m³



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x	ρ	x 9.8 = τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =							
B	mm ÷ m =	x	x	x 9.8 =							

Notes:

V. 11/20/03

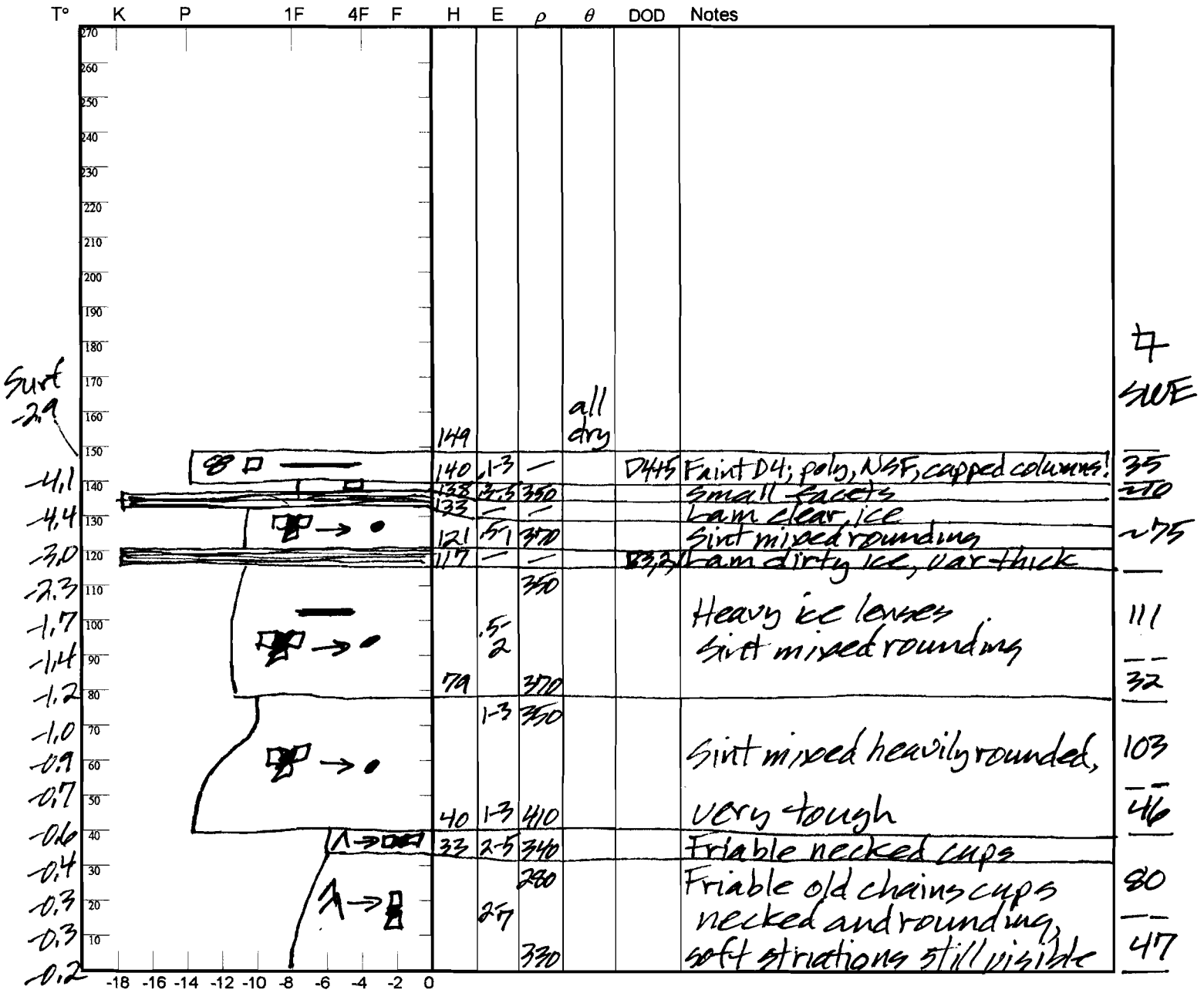
Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 17

Time: 0945 | **Snowpack Profile** | Date: 4/28/08

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: 0-2 cm | ∠: 4°

Air T: +1 °C | Sky: O | Precip: Nil | Wind: Lt | Prior Pit: # 15; 4/22/08

Total Snowpack SWE: 534 mm H_2O | Notes: HS ↕ = 1.45m; $\bar{\rho}$ = 372 kg/m3



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

Observers: CL+AT

Center for Snow and Avalanche Studies

Profile # 16

Time: 1230

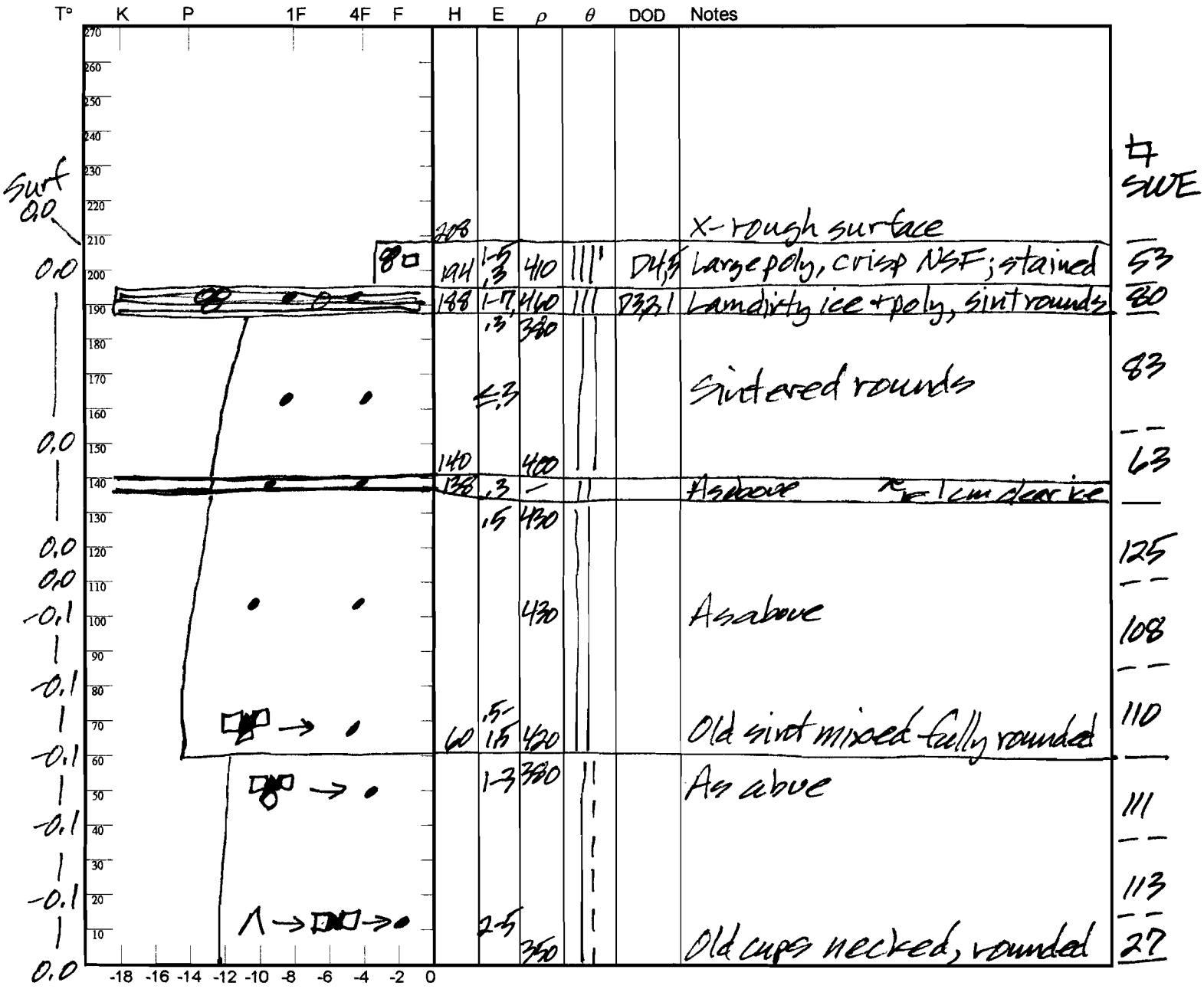
Snowpack Profile

Date: 4/28/08

Location: SASP Elev. 11,050' Aspect: NE Boot Pen: 8 cm ∠: 4°

Air T: +8 °C Sky: O Precip: Nil Wind: Nil Prior Pit: # 16; 4/22/08

Total Snowpack SWE: 873 mm H_2O Notes: HST = 2.05m; ρ = 426 kg/m³



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

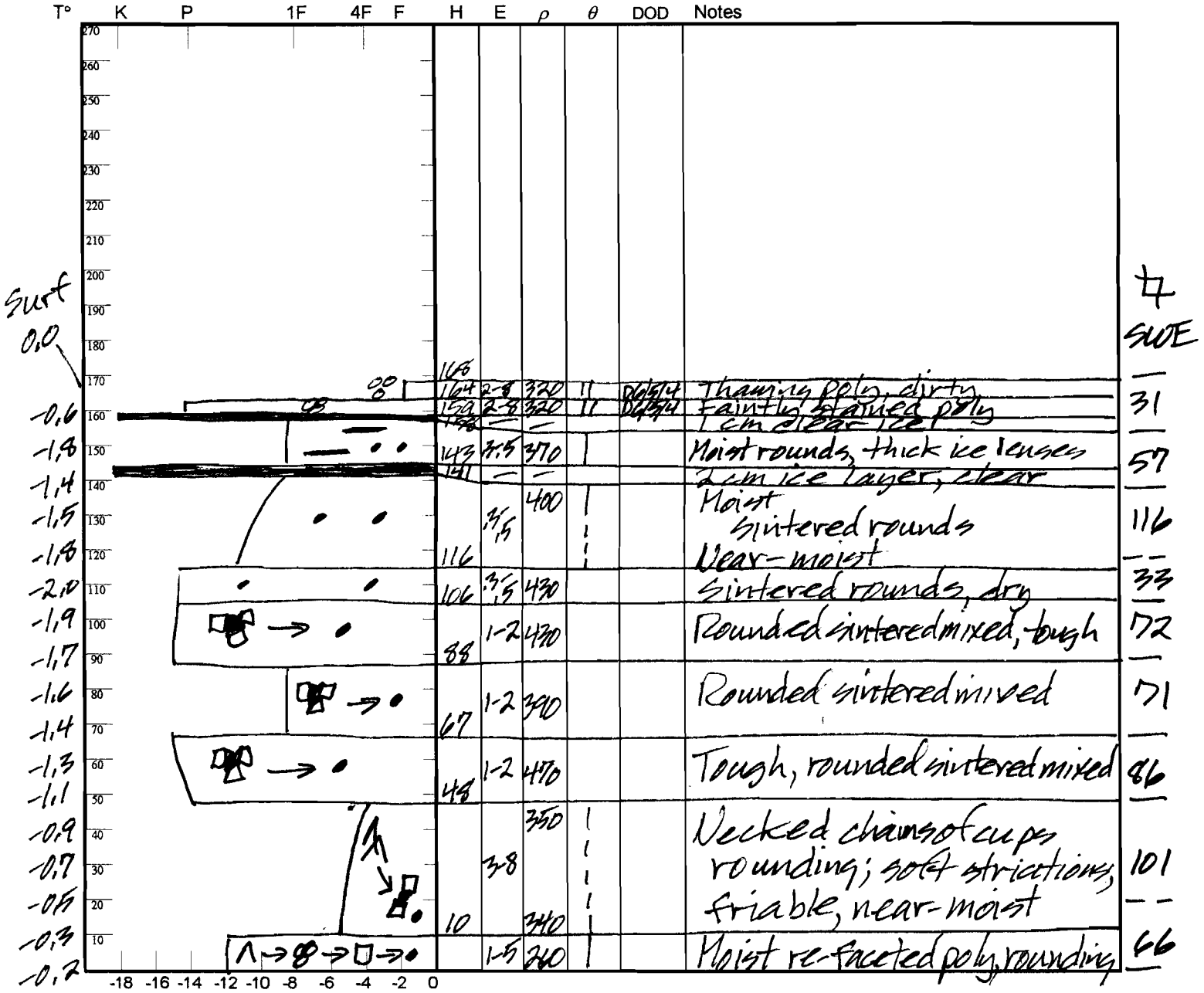
Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 19

Time: 0905 | **Snowpack Profile** | Date: 5/5/08

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: 2 cm | ∠: 4°

Air T: +9 °C | Sky: O | Precip: Nil | Wind: Nil | Prior Pit: # 17; 4/28/08

Total Snowpack SWE: 633 mm H_2O | Notes: HS↳=1.66; $\bar{\rho}$ = 381 kg/m³; no D3/2/1 layer seen in this pit.



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

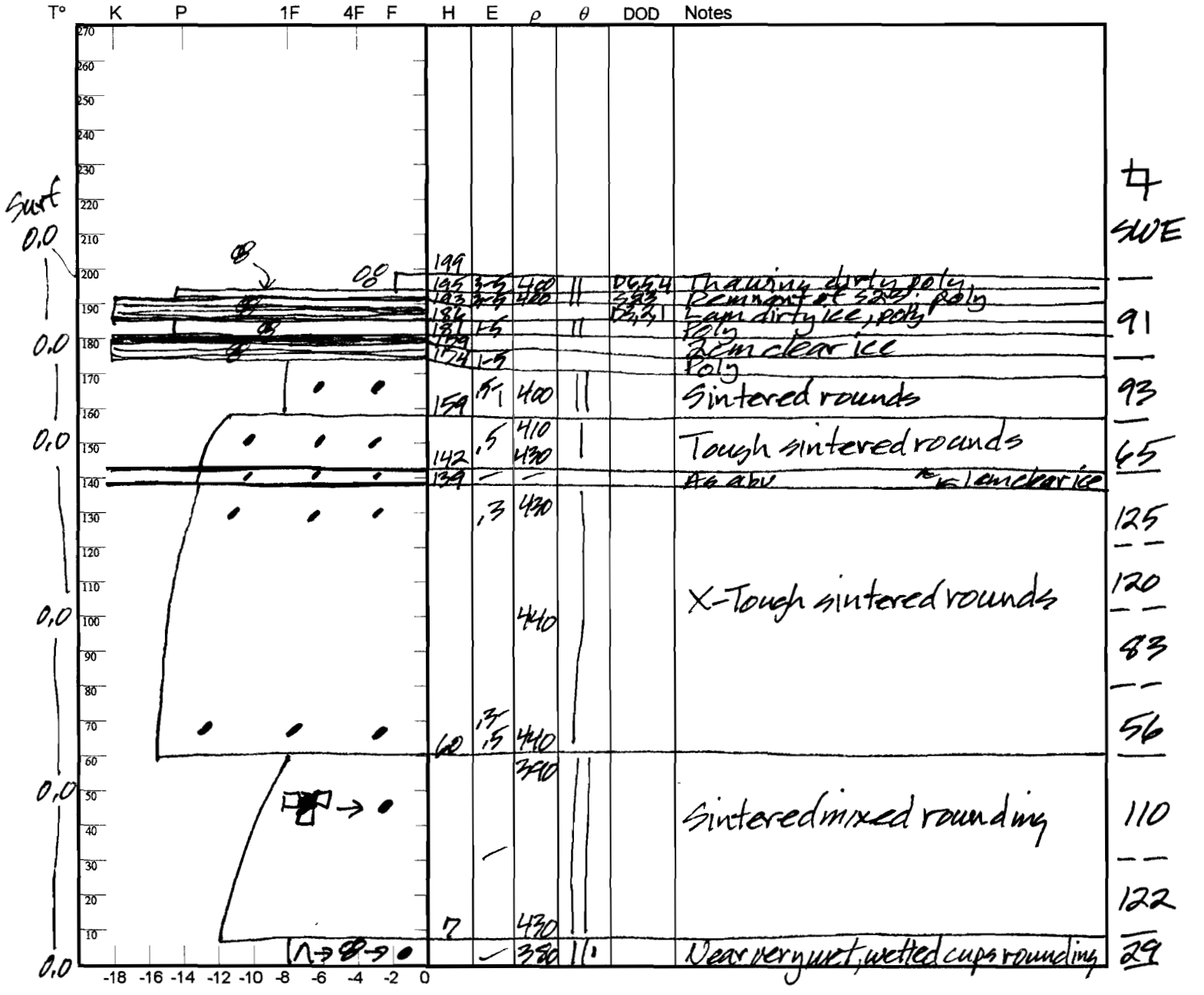
Observers: CL, AT, USFS | **Center for Snow and Avalanche Studies** | Profile # 20

Time: 0915 | **Snowpack Profile** | Date: 5/6/08

Location: SASP | Elev. 11,050' | Aspect: NE | Boot Pen: 2 cm | ∠: 3°

Air T: +8 °C | Sky: O→D | Precip: Nil | Wind: Nil-Lt | Prior Pit: # 18; 4/28/08

Total Snowpack SWE: 894 mm H_2O | Notes: HS ⊥ = 2.00m; $\bar{\rho}$ = 447 kg/m³



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 21

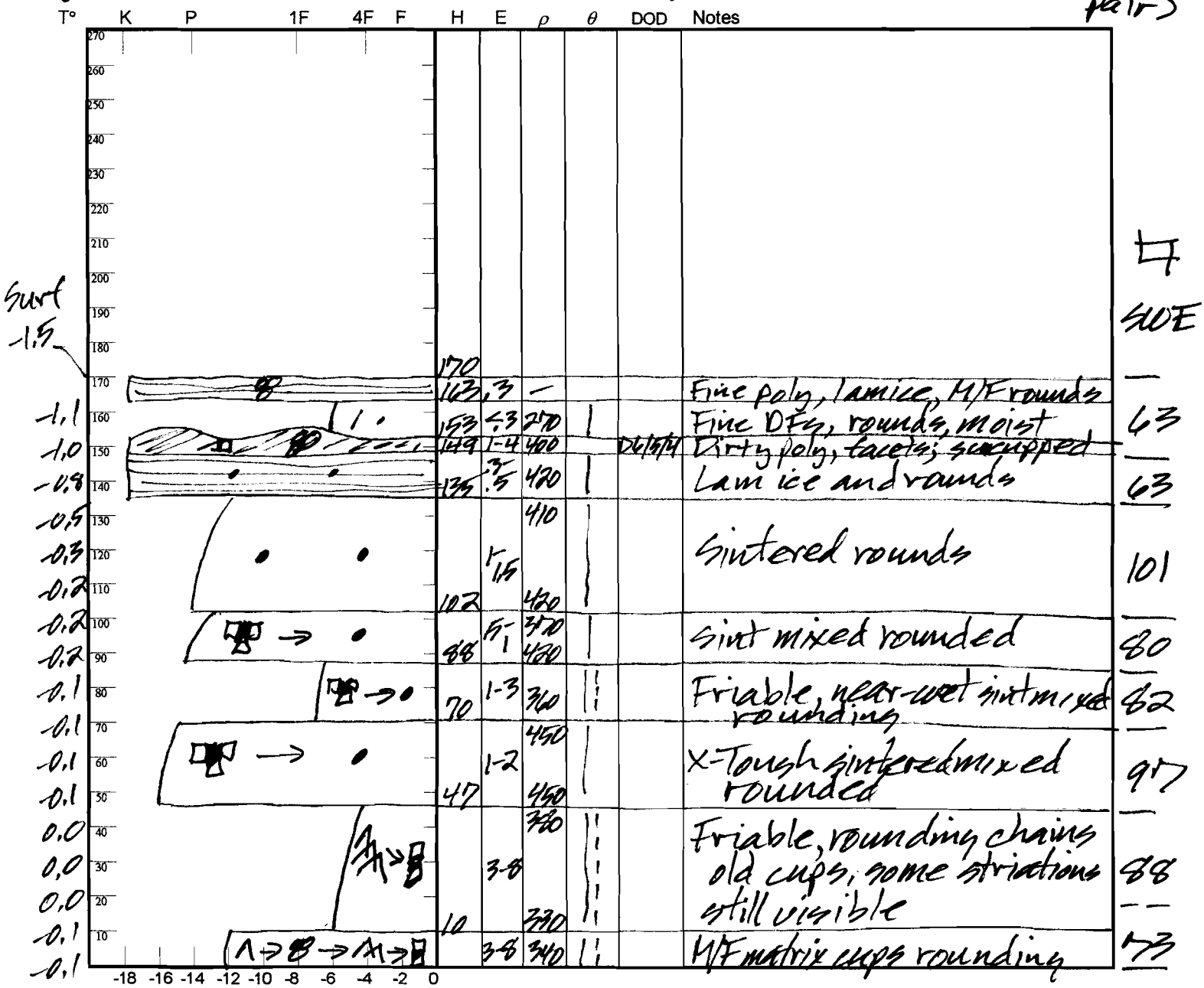
Time: 0955 | **Snowpack Profile** | Date: 5/12/08

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: 4 cm | ∠: 5°

Air T: +6 °C | Sky: O | Precip: Nil | Wind: Lt | Prior Pit: # 19; 5/5/08

Total Snowpack SWE: 647 mm H_2O | Notes: HS ± = 1.69 m; ρ = 383 kg/m³

gravimetric samples 6+7, 8+9 merged and mixed into 2 bags (each pair)



Potential Slab											Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}			Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}							F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =			x	x	x 9.8 =											
B	mm ÷ m =			x	x	x 9.8 =											

Notes:

V. 11/20/03

Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 22

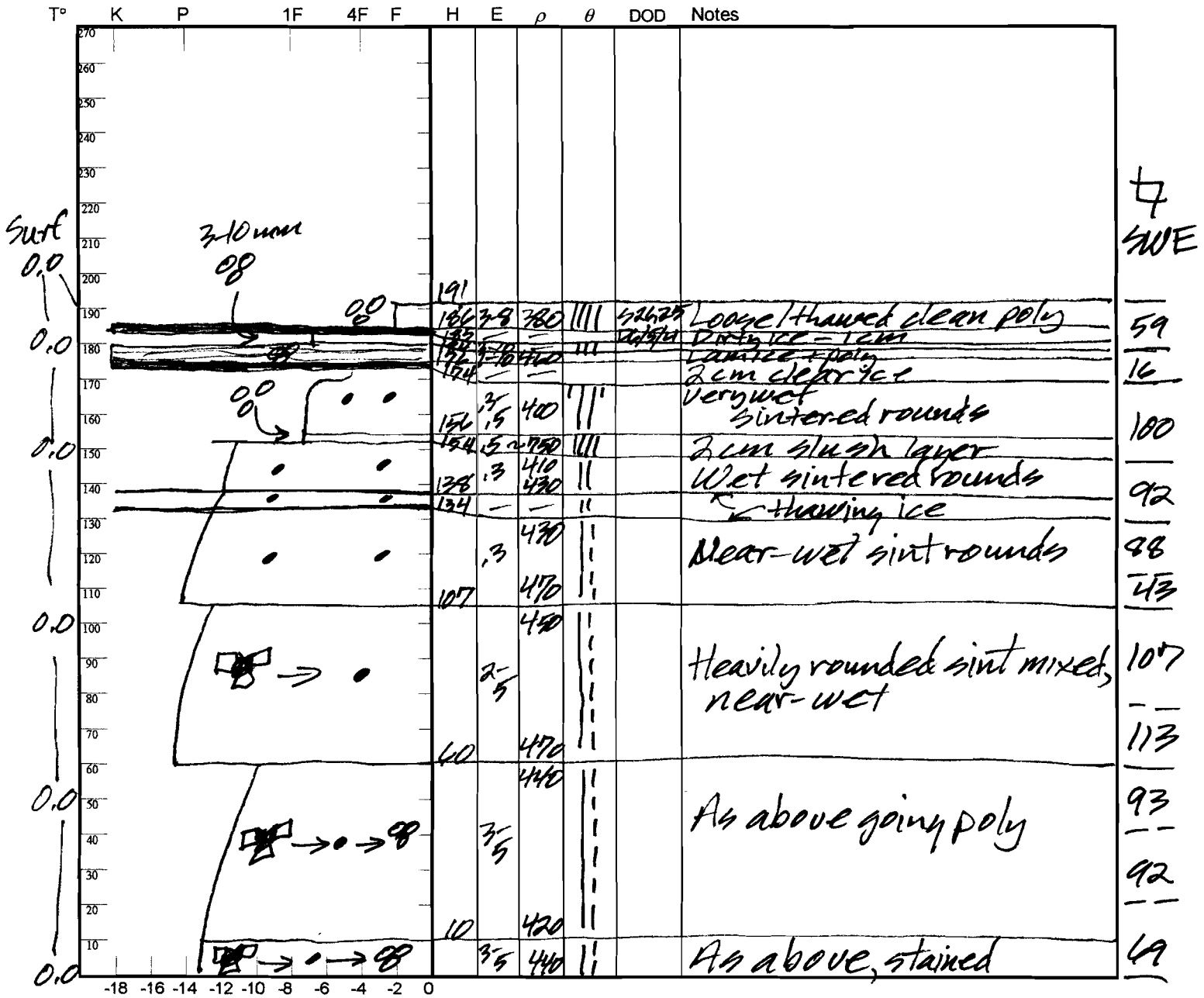
Time: 1245 | **Snowpack Profile** | Date: 5/12/06

Location: SASP | Elev. 11,050' | Aspect: NE | Boot Pen: 4 cm | ∠: 3°

Air T: +11 °C | Sky: CI | Precip: Nil | Wind: Lt | Prior Pit: # 20; 5/6/06

Total Snowpack SWE: 872 mm H_2O | Notes: HS ↳ = 1.91m ; ρ = 457 kg/m³

gravimetric samples 6+7 merged and mixed into two bags



Potential Slab												Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x	H_{Nor} x	ρ	x 9.8 =	τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x		x 9.8 =								
B	mm ÷ m =	x	x		x 9.8 =								

Notes:

V. 11/20/03

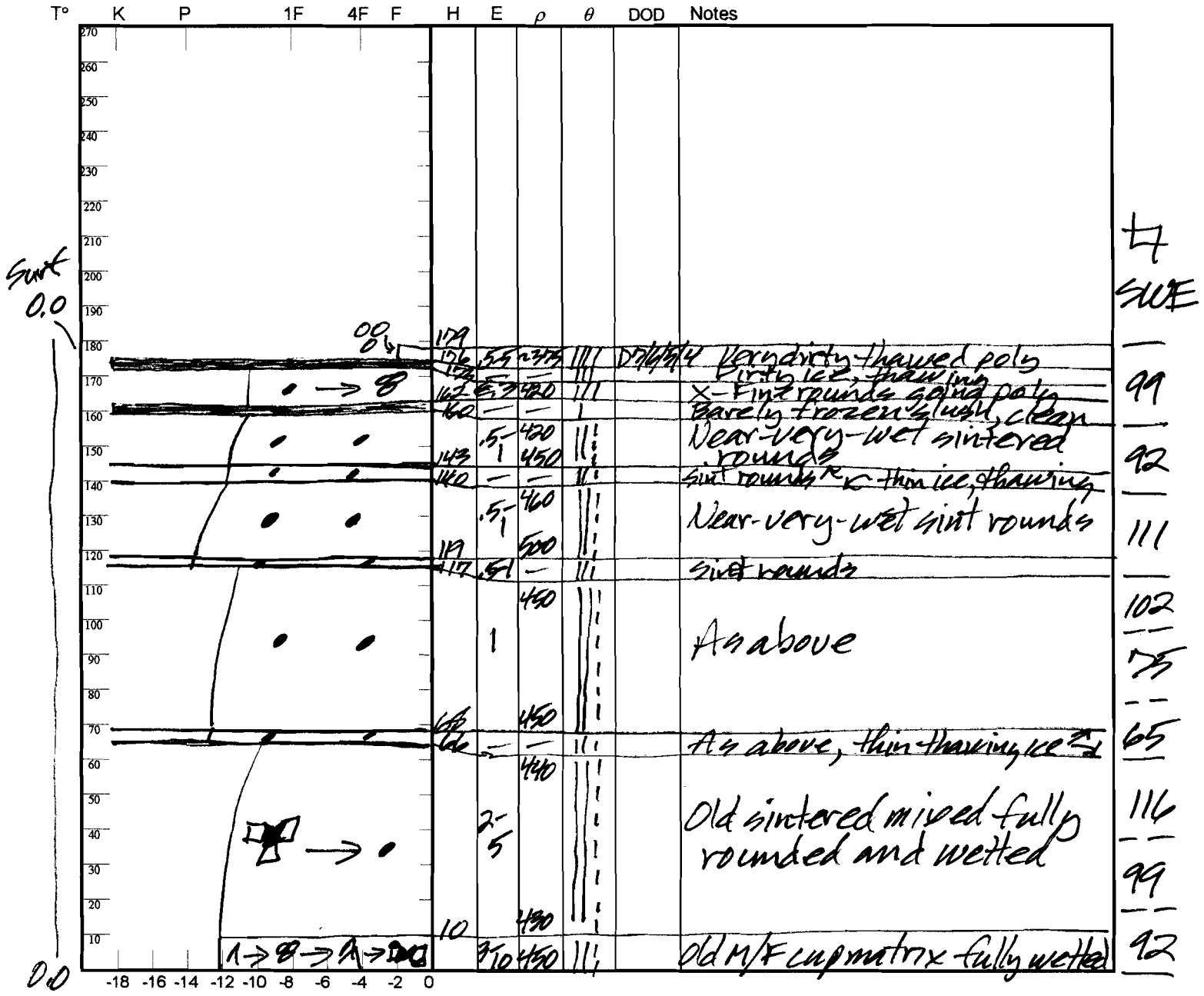
Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 23

Time: 1040 MST | **Snowpack Profile** | Date: 5/19/08

Location: SASP | Elev. 11,050' | Aspect: NE | Boot Pen: 1-3 cm | ∠: 4°

Air T: +14 °C | Sky: ① | Precip: Nil | Wind: Lt | Prior Pit: # 22; 5/12/08

Total Snowpack SWE: 851 mm H_2O | Notes: HS↳ = 1.81 m; $\bar{\rho}$ = 470 kg/m³



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

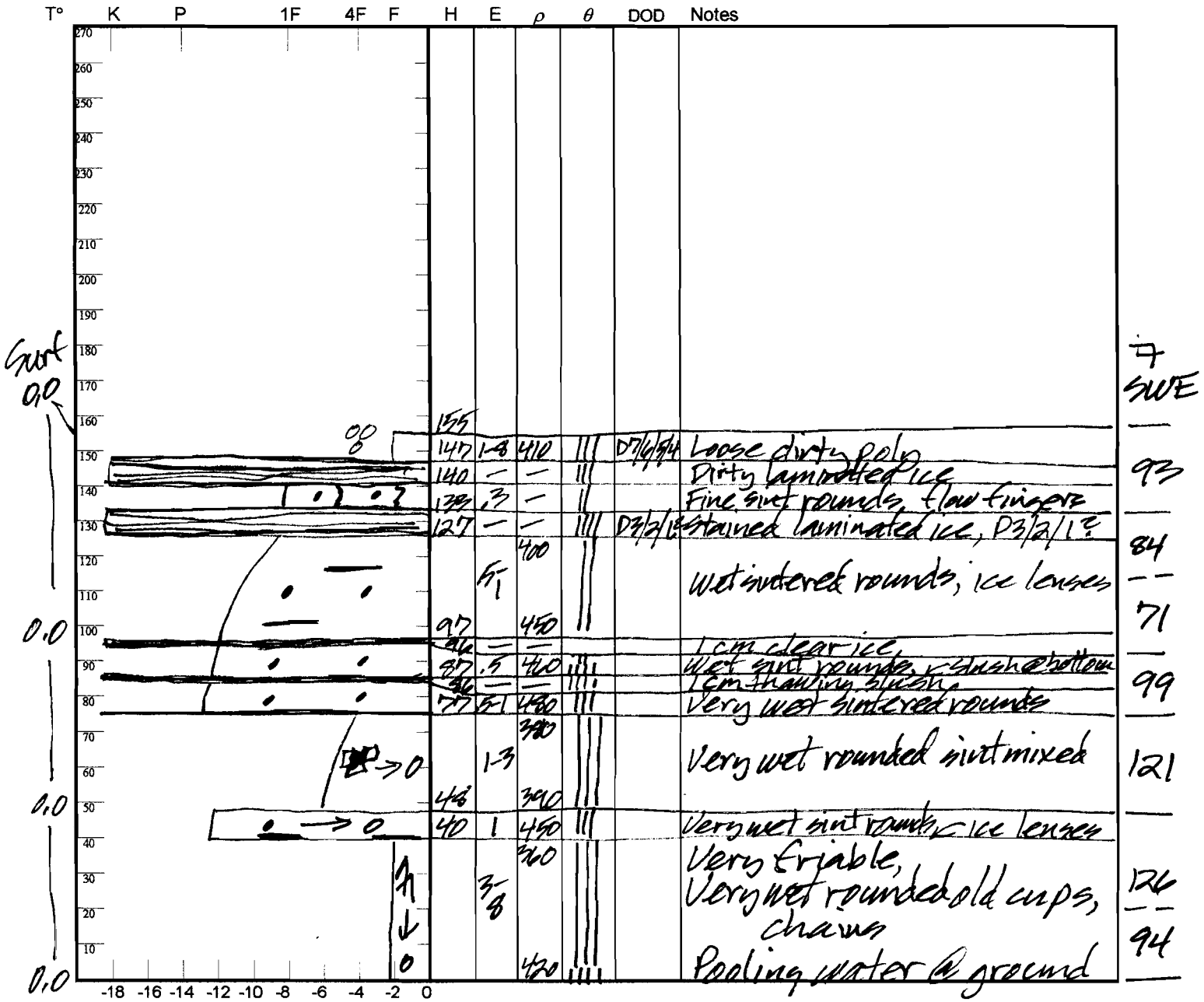
Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 24

Time: 1020 | **Snowpack Profile** | Date: 5/20/08

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: 9 cm | ∠: 4°

Air T: +11 °C | Sky: O | Precip: Nil | Wind: Nil | Prior Pit: # 21 ; 5/12/08

Total Snowpack SWE: 688 mm H_2O | Notes: HS↓ = 1.56m; ρ = 441 kg/m³



Potential Slab								Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x	ρ	x 9.8 =	τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

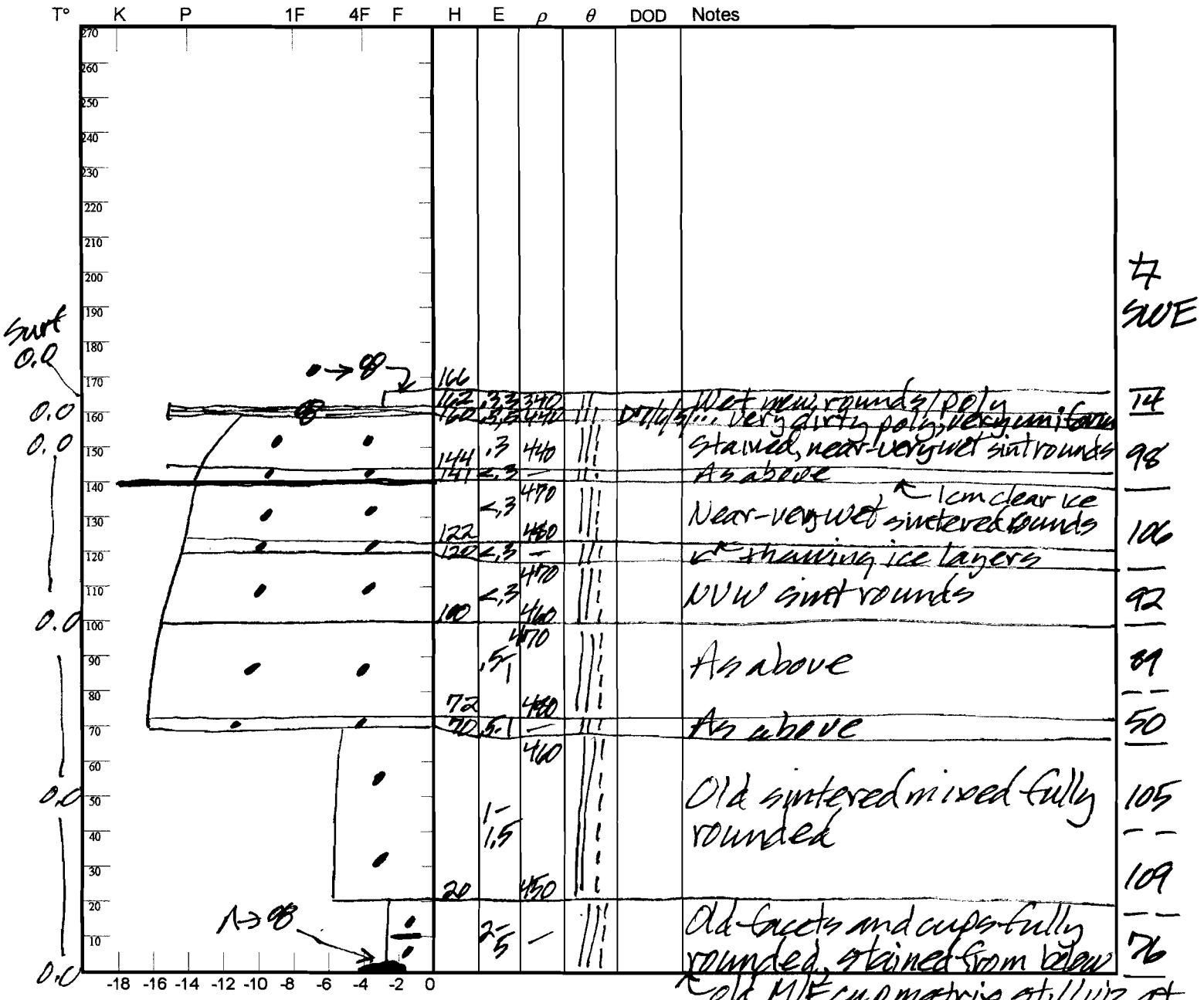
Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 25

Time: 0845 | **Snowpack Profile** | Date: 5/26/06

Location: SASP | Elev. 11,050' | Aspect: NE | Boot Pen: 3 cm | ∠: 4°

Air T: +4 °C | Sky: CL | Precip: Nil | Wind: Lt | Prior Pit: # 23; 5/19 06

Total Snowpack SWE: 739 mm H_2O | Notes: HST = 1.64; ρ = 451 kg/m³



Potential Slab											Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}			Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}							F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =			x	x	x 9.8 =											
B	mm ÷ m =			x	x	x 9.8 =											

Notes:

V. 11/20/03

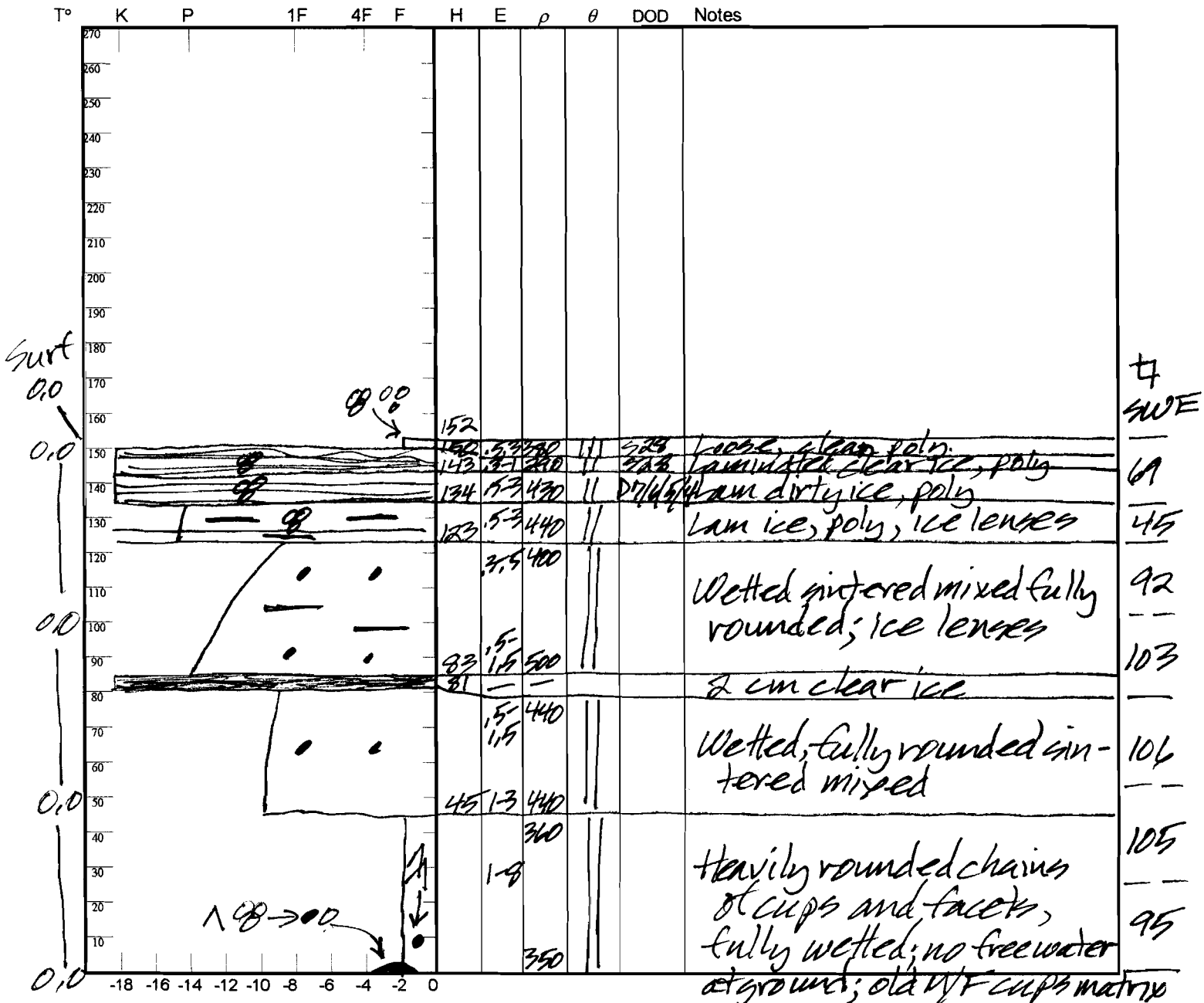
Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 26

Time: 1015 | **Snowpack Profile** | Date: 5/27/08

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: 2 cm | ∠: 4°

Air T: +1 °C | Sky: O | Precip: Nil | Wind: Lt | Prior Pit: #24 ; 5/20/08

Total Snowpack SWE: 615 mm H_2O | Notes: HS ↳ = 1.50 m ; $\bar{\rho}$ = 410 kg/m³



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x	ρ	x 9.8 = τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =							
B	mm ÷ m =	x	x	x 9.8 =							

Notes:

V. 11/20/03

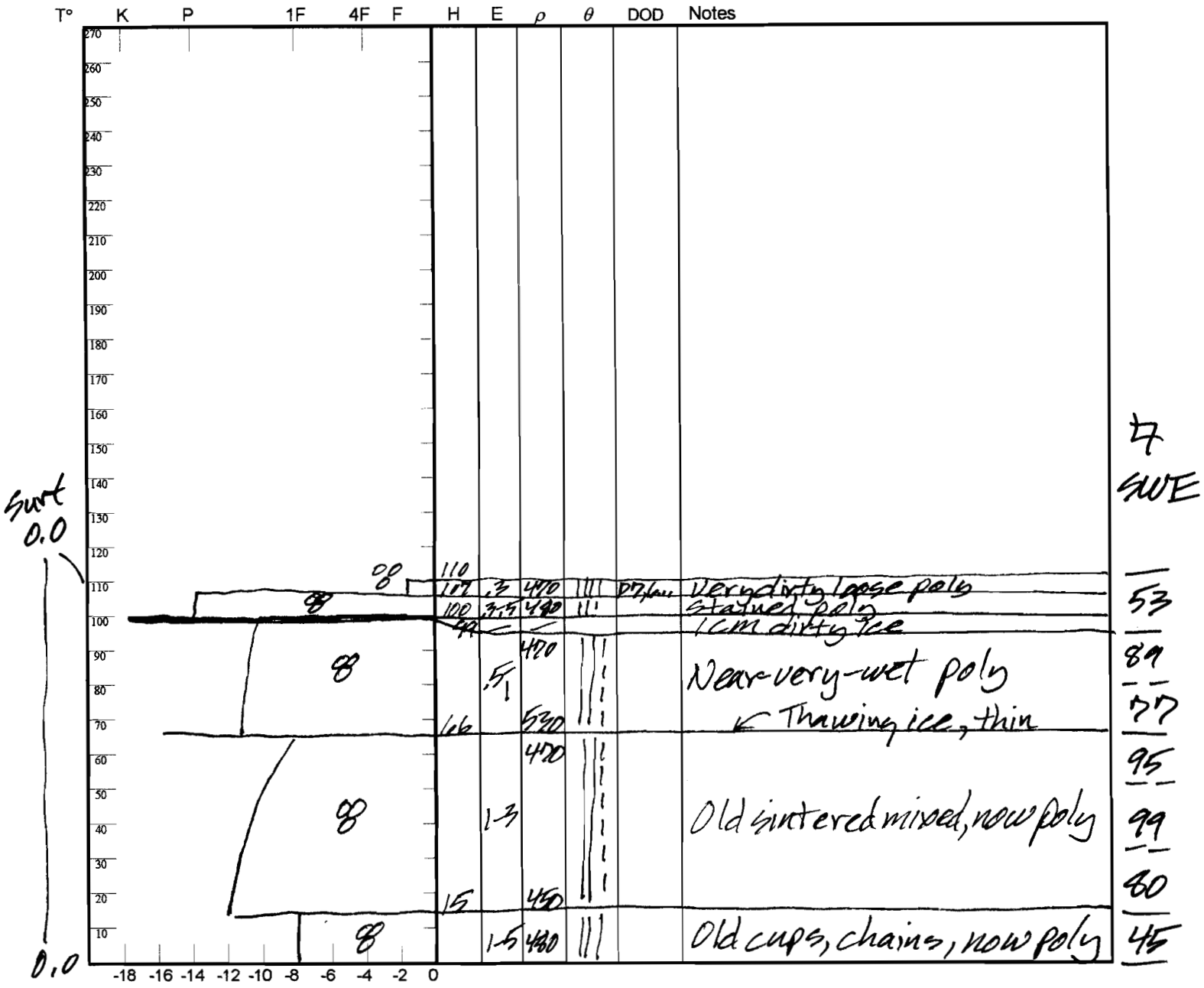
Observers: CL, AT, MB | **Center for Snow and Avalanche Studies** | Profile # 27

Time: 1245 | **Snowpack Profile** | Date: 6/2/08

Location: SASP | Elev. 11,050' | Aspect: NE | Boot Pen: 3 cm | ∠: 4°

Air T: +14 °C | Sky: O | Precip: Nil | Wind: Lt | Prior Pit: # 25 ; 5/26/08

Total Snowpack SWE: 538 mm H_2O | Notes: HS ↳ = 1.09m; $\bar{\rho}$ = 494 Kg/m³



Potential Slab					Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}			F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =							
B	mm ÷ m =	x	x	x 9.8 =							

Notes:

V. 11/20/03

Observers: CL+MB, Coray, Janice | **Center for Snow and Avalanche Studies** | Profile # 28

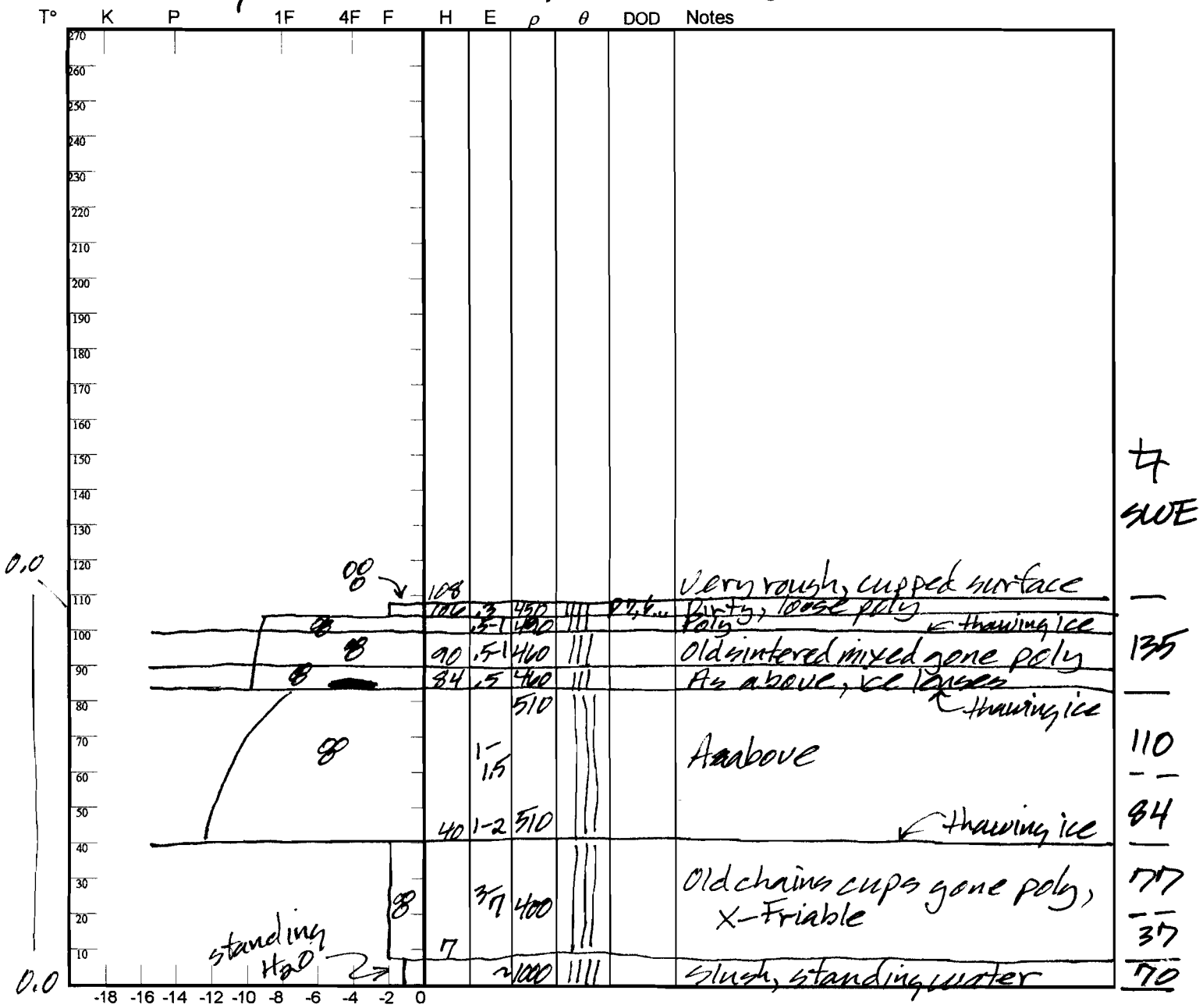
Time: 1130 | **Snowpack Profile** | Date: 6/3/08

Location: SBSP | Elev. 12,200' | Aspect: NE | Boot Pen: 2 cm | ∠: 5°

Air T: +9 °C | Sky: O | Precip: Nil | Wind: Lt | Prior Pit: # 26; 5/27/08

Total Snowpack SWE: 515 mm H_2O* | Notes: HS tt = 1.15*; $\bar{\rho}$ = 448 kg/m3*

* including 7cm standing water at ground



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03

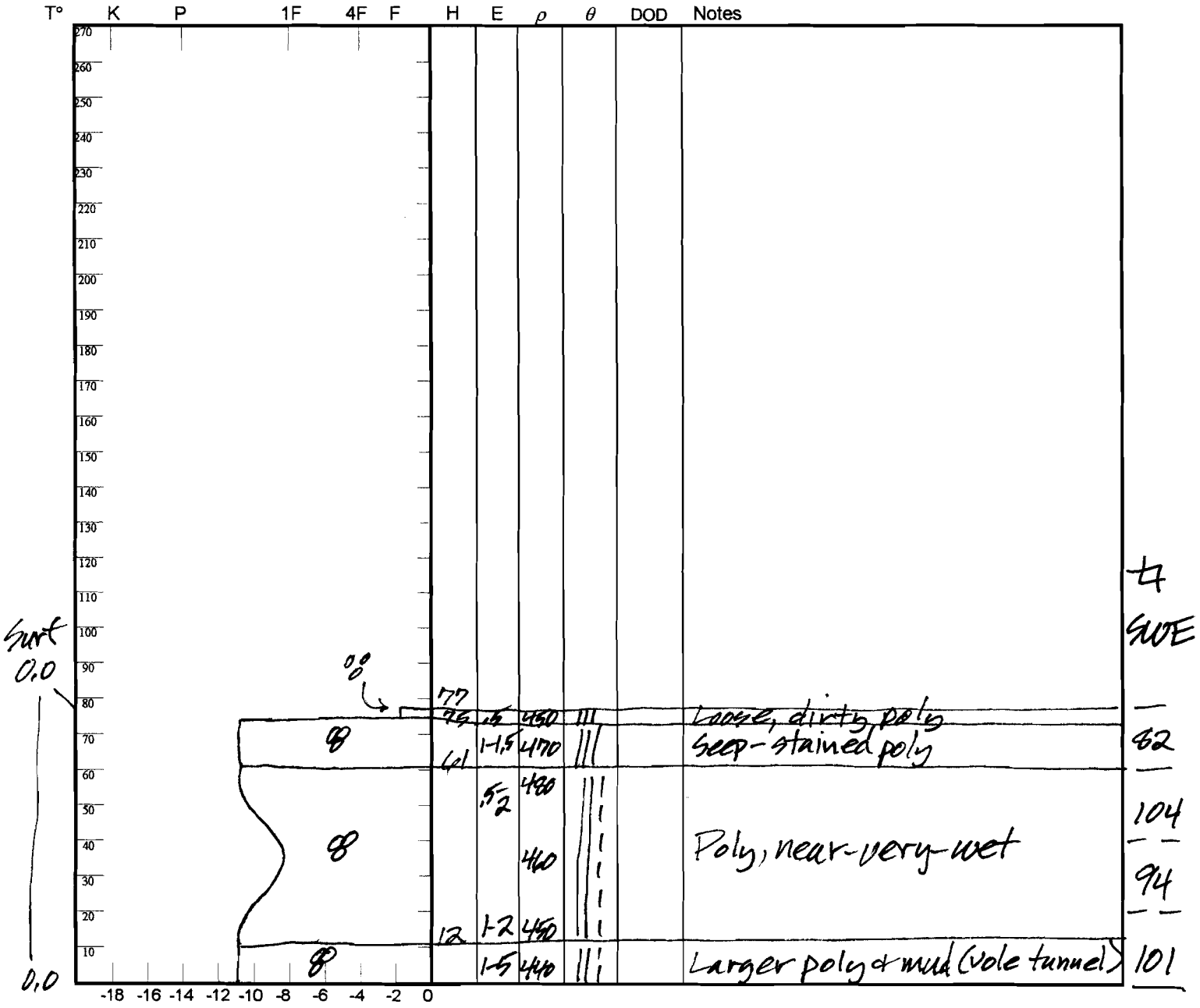
Observers: CL+AT | **Center for Snow and Avalanche Studies** | Profile # 29

Time: 0845 MST | **Snowpack Profile** | Date: 6/8/08

Location: SASP | Elev. 11,050' | Aspect: NE | Boot Pen: 2 cm | ∠: 5°

Air T: +8 °C | Sky: O | Precip: Nil | Wind: Lt | Prior Pit: # 27 ; 6/2/08

Total Snowpack SWE: 381 mm H_2O | Notes: HS ↳ = 0.79 m ; $\bar{\rho}$ = 482 kg/m³



Potential Slab												Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}			Sin∠ x	H_{Nor} x	ρ x 9.8 =	τ_{Slab}	F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷	m =		x	x	x 9.8 =								
B	mm ÷	m =		x	x	x 9.8 =								

Notes:

V. 11/20/03

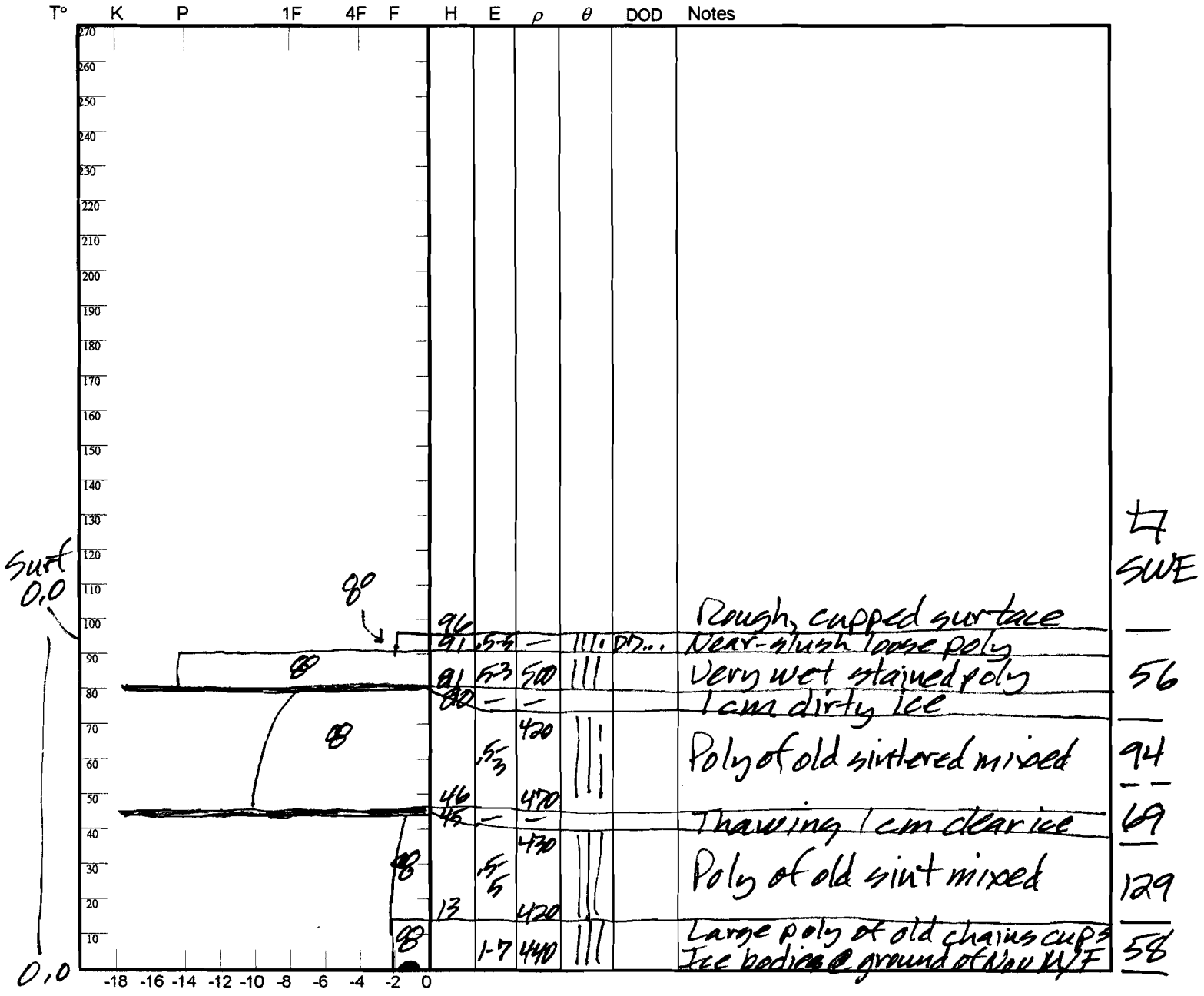
Observers: CL, AT, MB | **Center for Snow and Avalanche Studies** | Profile # 30

Time: 1030 | **Snowpack Profile** | Date: 6/9/08

Location: SBSP | Elev. 12,200 | Aspect: NE | Boot Pen: 4 cm | ∠: 4°

Air T: +6 °C | Sky: O | Precip: Nil | Wind: Lite | Prior Pit: # 28; 6/3/08

Total Snowpack SWE: 406 mm H_2O | Notes: HS↳ = 0.92; ρ = 441 kg/m³



Potential Slab						Weak Layer & Bed Surface						
Ref	H_2O_{Nor} ÷ H_{Nor} = ρ_{kg}	Sin∠ x H_{Nor} x ρ x 9.8 = τ_{Slab}				F	E	T_{WL}	S	C	RB	Shear Quality
A	mm ÷ m =	x	x	x 9.8 =								
B	mm ÷ m =	x	x	x 9.8 =								

Notes:

V. 11/20/03