



Bergvesenet

Postboks 3021, N-7441 Trondheim

Rapportarkivet

Innlegging av nye rapporter ved: Stein Erik

Bergvesenet rapport nr 6040	Intern Journal nr	Internt arkiv nr	Rapport lokalisering	Gradering
Kommer fra ..arkiv Folldal Verk AS	Ekstern rapport nr	Oversendt fra Folldal Verk a.s.	Fortrolig pga	Fortrolig fra dato:
Tittel Tverrfjellet - Profiler av diamantborhull 18 - 29 og 51 - 54 1958 - 1960				
Forfatter		Dato 1960	Bedrift (oppdragsgiver og/eller oppdragstaker) Folldal Verk AS	
Kommune Dovre	Fylke Oppland	Bergdistrikt	1: 50 000 kartblad 15193	1: 250 000 kartblad Røros
Fagområde Geologi Boring	Dokument type		Forekomster (forekomst, gruvefelt, undersøkelsesfelt) Tverrfjellforekomsten	
Råstoffgruppe Malm/metall	Råstofftype Cu, Zn, S			
Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse Tverrfjellet - Profiler av diamantborhull 18 - 29 og 51 - 54 1958 - 1960				



Tverrfjell.

Profiler av diamantborhull

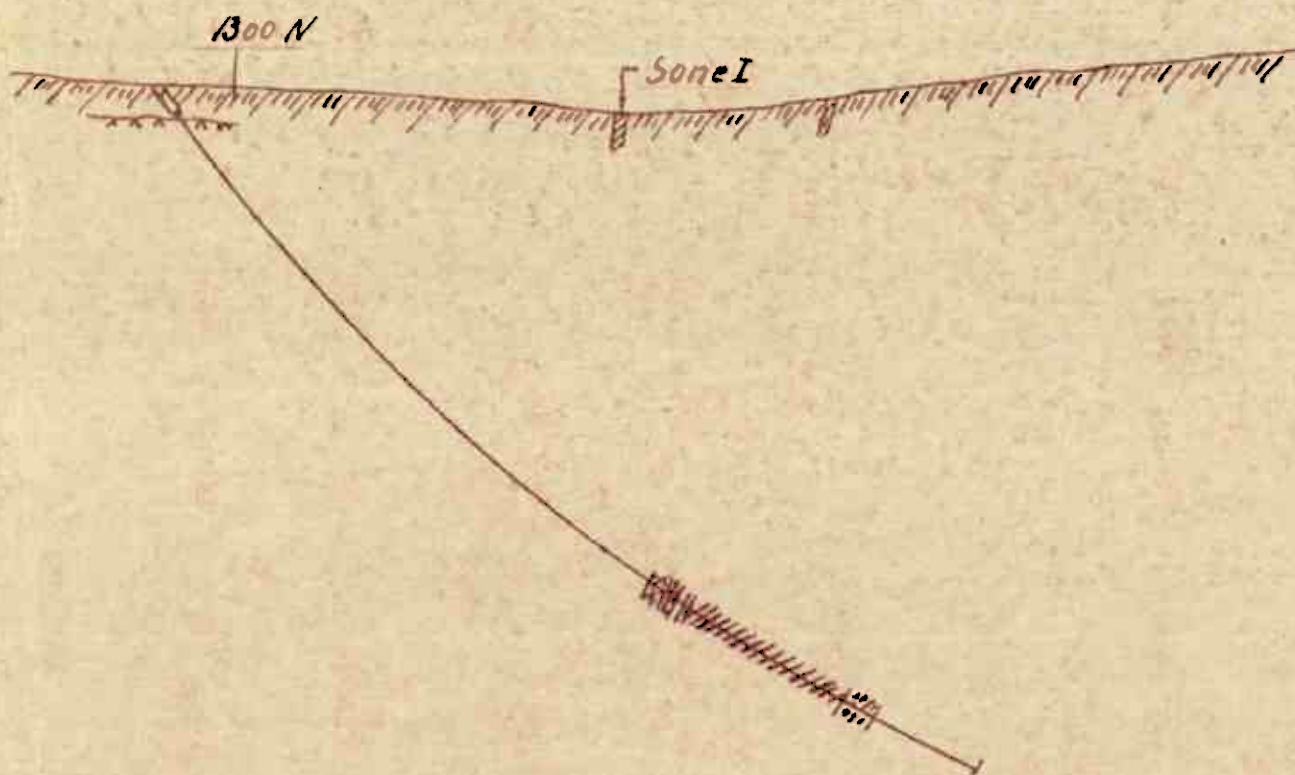
Nr. 18-29 51-54.

Tverrfjell. Bk nr. 18 boret juni juli 1958

Fall = 56°
L. = 140 m
H. = 2650 v - 1290 N

Jordboring 4.5 m

M. = 1:1000



Sterk impr.	89.83 - 92.65 = 3.82 m
Svak —	92.65 - 93.65 = 1.00 "
Sterk —	93.65 - 95.02 = 1.36 "
H.s	95.65 - 120.07 = 24.42 "
Sterk impr.	120.07 - 125.10 = 4.93 "

Analyse:

Fra 95.65 - 120.00 m $\bar{C}u$ - 1.20% $\bar{Z}n$ - 0.90% S - 40.0%
" 89.83 - 125.00 " $\bar{C}u$ - 1.00% $\bar{Z}n$ - 0.80% S - 34.30%

Tverrfjell

Bh. nr. 19. boret i juli 1958

Fall = 57°

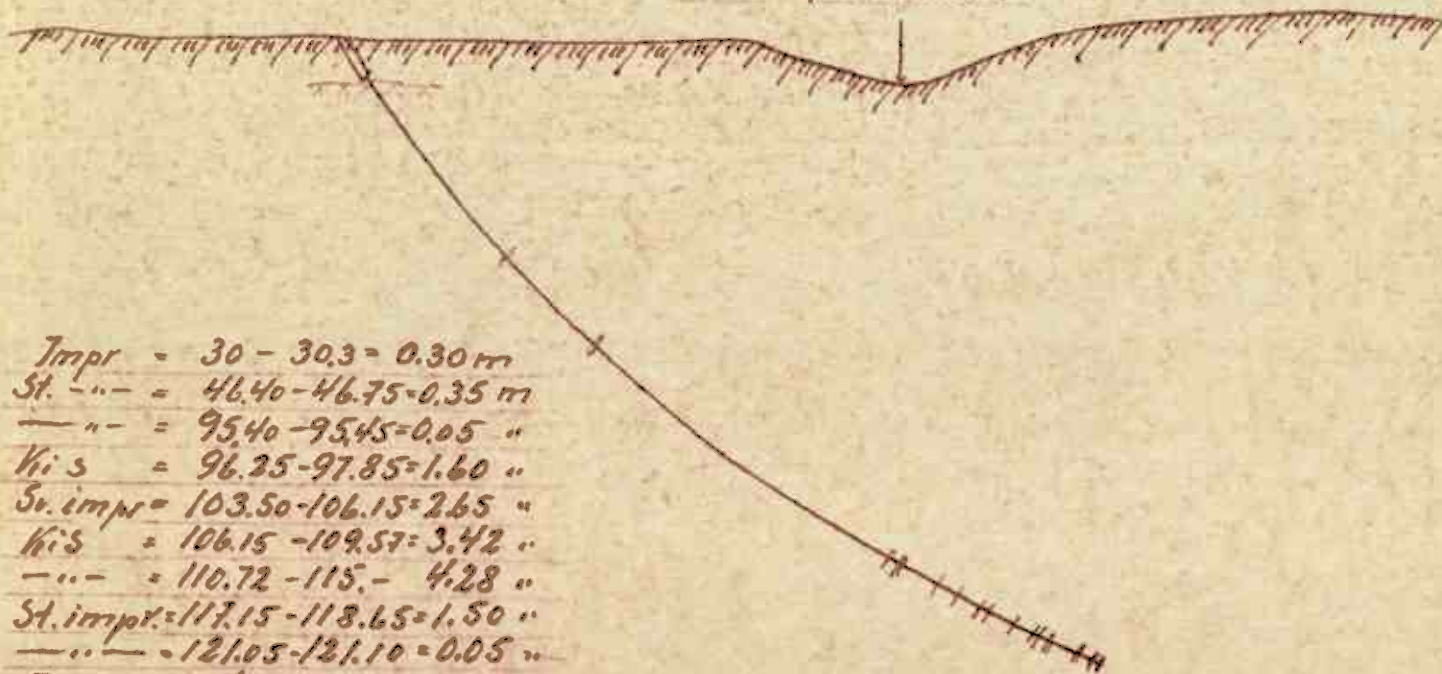
$L = 128 \text{ m}$

$H = 1260 \text{ N} - 2525 \text{ V}$

Overd. 5.-m

$M = 1:1000$

Sone I på kartet



$\text{Impr} = 30 - 30.3 = 0.30 \text{ m}$
 $\text{St.} - - = 46.40 - 46.75 = 0.35 \text{ m}$
 $- - = 95.40 - 95.45 = 0.05 \text{ ''}$
 $\text{Kis} = 96.25 - 97.85 = 1.60 \text{ ''}$
 $\text{Sr. impr} = 103.50 - 106.15 = 2.65 \text{ ''}$
 $\text{Kis} = 106.15 - 109.57 = 3.42 \text{ ''}$
 $- - = 110.72 - 115. - = 4.28 \text{ ''}$
 $\text{St. impr} = 117.15 - 118.65 = 1.50 \text{ ''}$
 $- - = 121.05 - 121.10 = 0.05 \text{ ''}$
 $\text{Impr.} = 124.50 - 124.75 = 0.25 \text{ ''}$
 $- - = 127.15 - 127.40 = 0.25 \text{ ''}$

Analyse: 96.25-97.85-1.6 m Cu-0.81% Zn-1.20% S-35.75%

106.15-109.57-3.42 m Cu-0.77% Zn-1.00% S-39.30%

110.72-115. - 4.28 m Cu-1.84% Zn-1.90% S-39.00%

103.50-115 = 11.50 m Cu-1.12% Zn-1.05% S-34.60%

Tverrfjell

Bh. nr. 20 boret i juli 1958

Fall = 56°

L. = 115.97 m

K = 7240 N - 2450 V

Overd. = 3 m

M = 1:500

Sone I

Sr. impr 37.60-37.81 = 0.21 m

St " 40.81-40.92 = 0.11 "

" " 53.61-53.84 = 0.33 "

" " 68.85-69.10 = 0.25 "

" " 69.45-69.90 = 0.45 "

Kis 73.75-84.50 = 10.75 "

" 85.35-85.41 = 0.06 "

St. impr 90.88-92.25 = 1.37 "

Kis 96.14-97.54 = 1.40 "

Kis og impr. med gr. fj. striper
mellom 98.63-105. - m

Fall målt i 35. m dyp = 50°

" " i 75 " " = 42°

" " i 115 " " = 37°

Analyse.

73.85-84.50 = 10.75 m Cu = 0.63% Zn = 1.50% S = 42.75%
90.88-92.25 = 1.37 " " = 0.45% " = 1.40% " = 27.50%
96.14-103.62 = 7.48 "

Tverrfjell Bh. nr 21 boret i aūg 1958

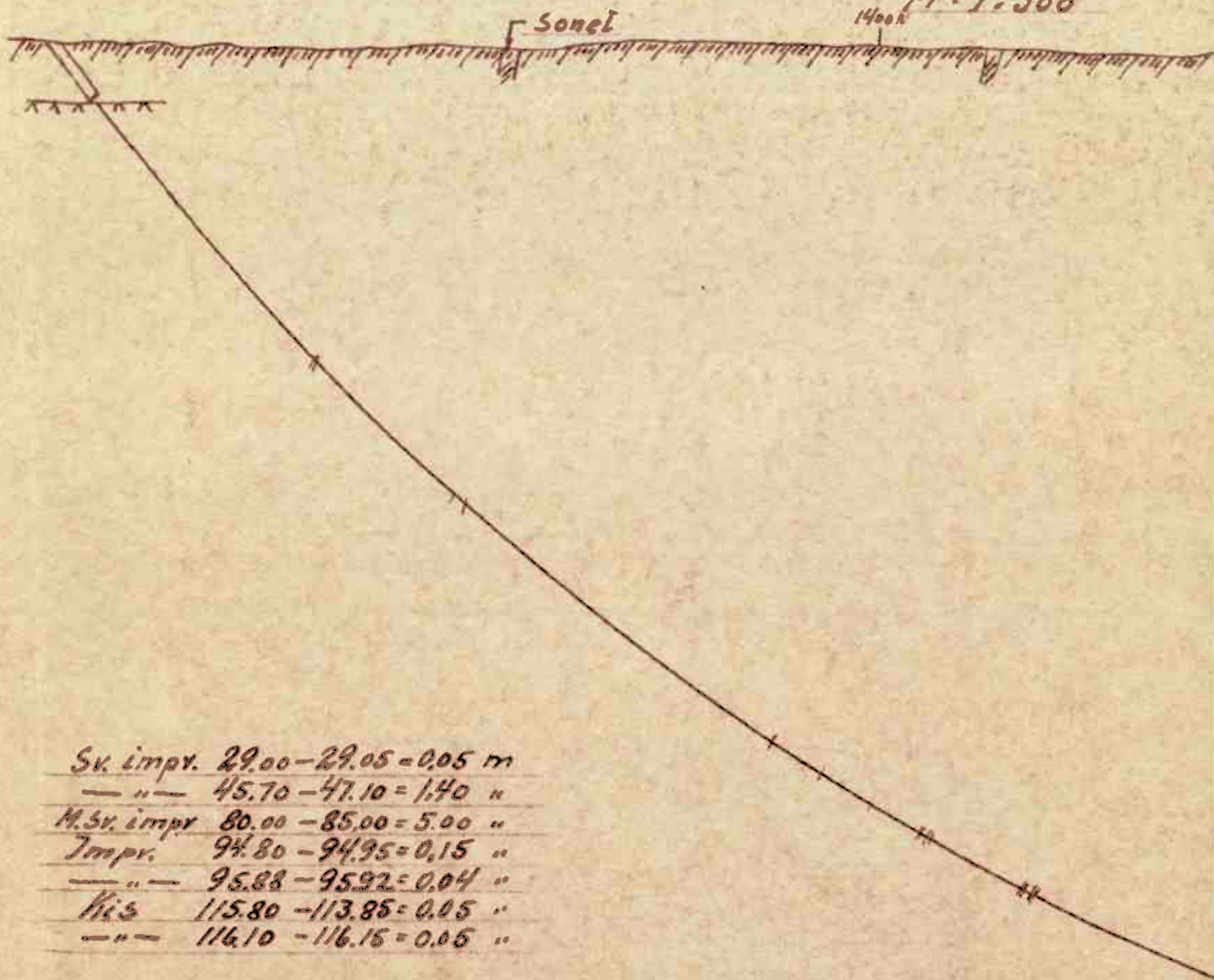
Fall = 55°

$L = 131.61 \text{ m}$

$H = 1330\text{N} - 2725\text{V}$

$M = 1:500$

Overd 600m



Sv. impr. $29.00 - 29.05 = 0.05 \text{ m}$

— " — $45.70 - 47.10 = 1.40 \text{ "}$

M.sv. impr $80.00 - 85.00 = 5.00 \text{ "}$

Impr. $94.80 - 94.95 = 0.15 \text{ "}$

— " — $95.88 - 95.92 = 0.04 \text{ "}$

Hs $115.80 - 113.85 = 0.05 \text{ "}$

— " — $116.10 - 116.15 = 0.05 \text{ "}$

Ingen analyse

Trerrefjell

Bh. nr 22 boret i august 1958

Fall = 55°

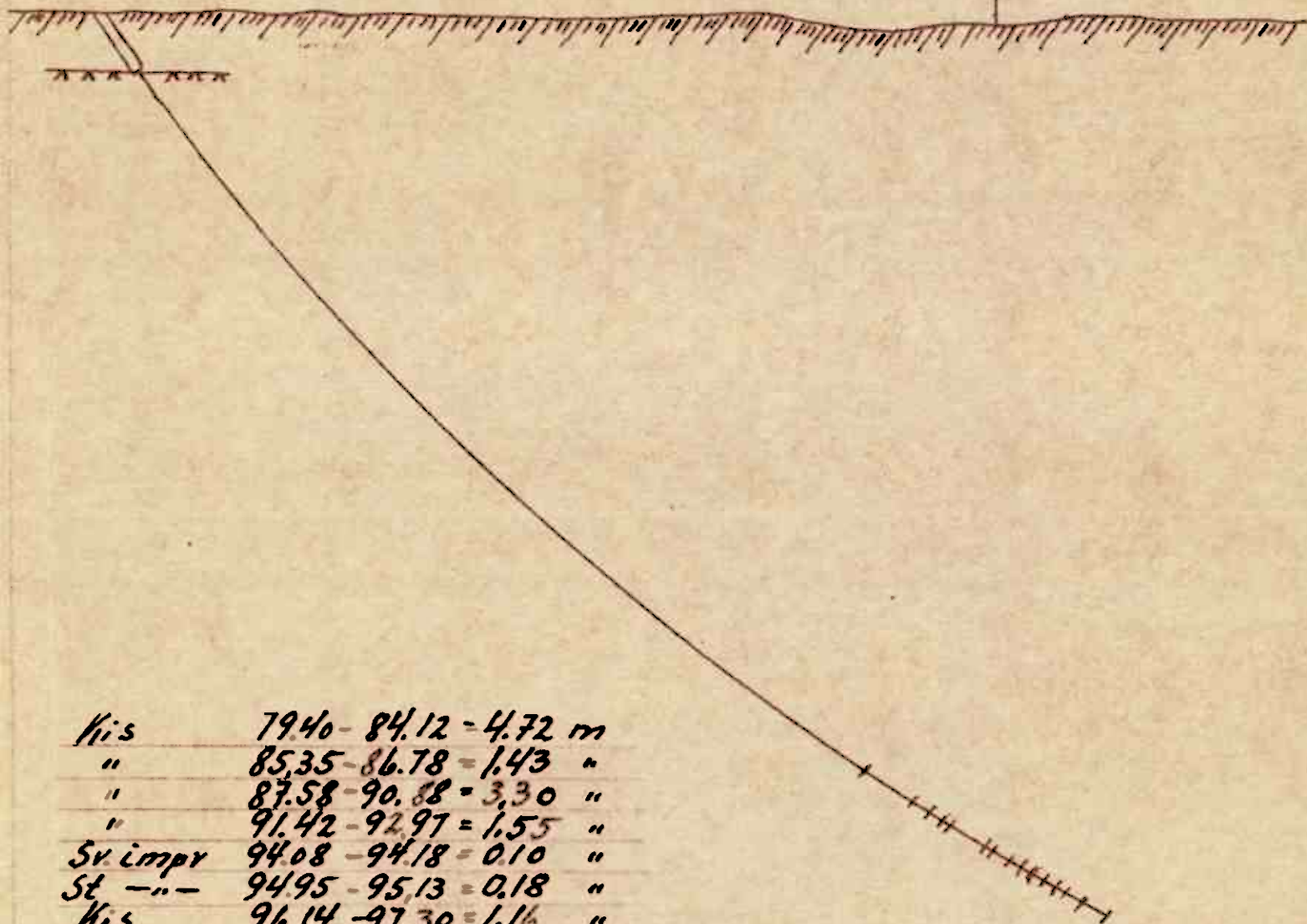
$h = 101.86 \text{ m}$

$H = 2400 \text{ V} - 1230 \text{ N}$

Overd. 6.00 m

M. = 1:500

1300 N



Kis	79.40 - 84.12 = 4.72 m
"	85.35 - 86.78 = 1.43 "
"	87.58 - 90.88 = 3.30 "
"	91.42 - 92.97 = 1.55 "
Sv impr	94.08 - 94.18 = 0.10 "
St --	94.95 - 95.13 = 0.18 "
Kis	96.14 - 97.30 = 1.16 "
St impr	99.68 - 99.83 = 0.15 "

Analyse:

1. 79.40 92.97 = 13.57 m $C_u = 0.41\%$ $Z_n = 1.40\%$ $S = 39.0\%$
2. 96.14 - 97.30 = 1.16 m $C_u = 0.31\%$ $Z_n = 1.50\%$ $S = 38.90\%$
3. nr 1 og 2 Sumlet $C_u = 0.40\%$ $Z_n = 1.40\%$ $S = 39.15\%$

Trerfjell Bh. nr 23. boret i august-september 1958

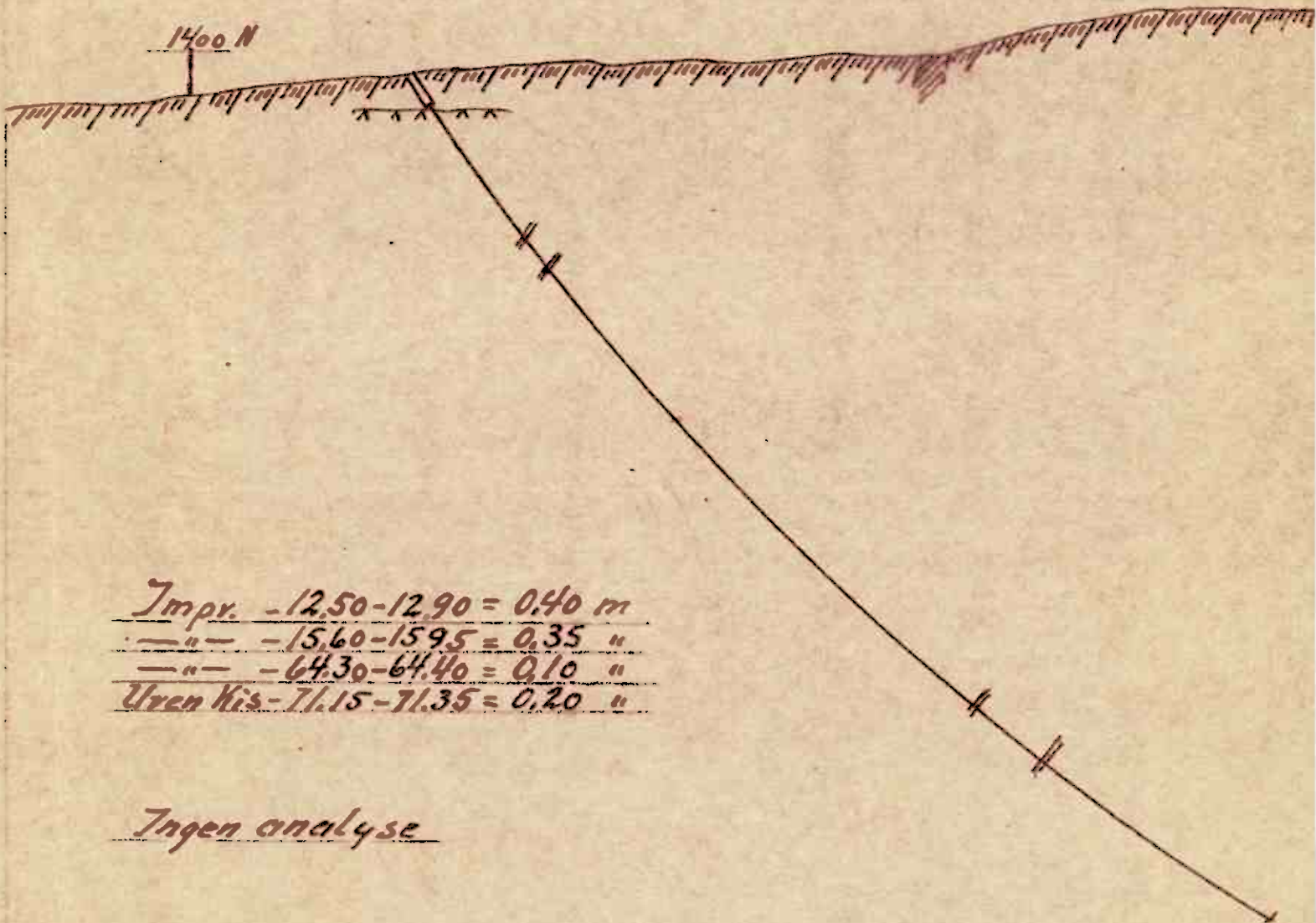
Fall = 55°

$h = 93.05 \text{ m}$

$H = 2600 \text{ V} - 1415 \text{ N}$

M. 1:500

Overd. 3.-m.



Trerfjell

Bh nr. 24. boret i September 1958.

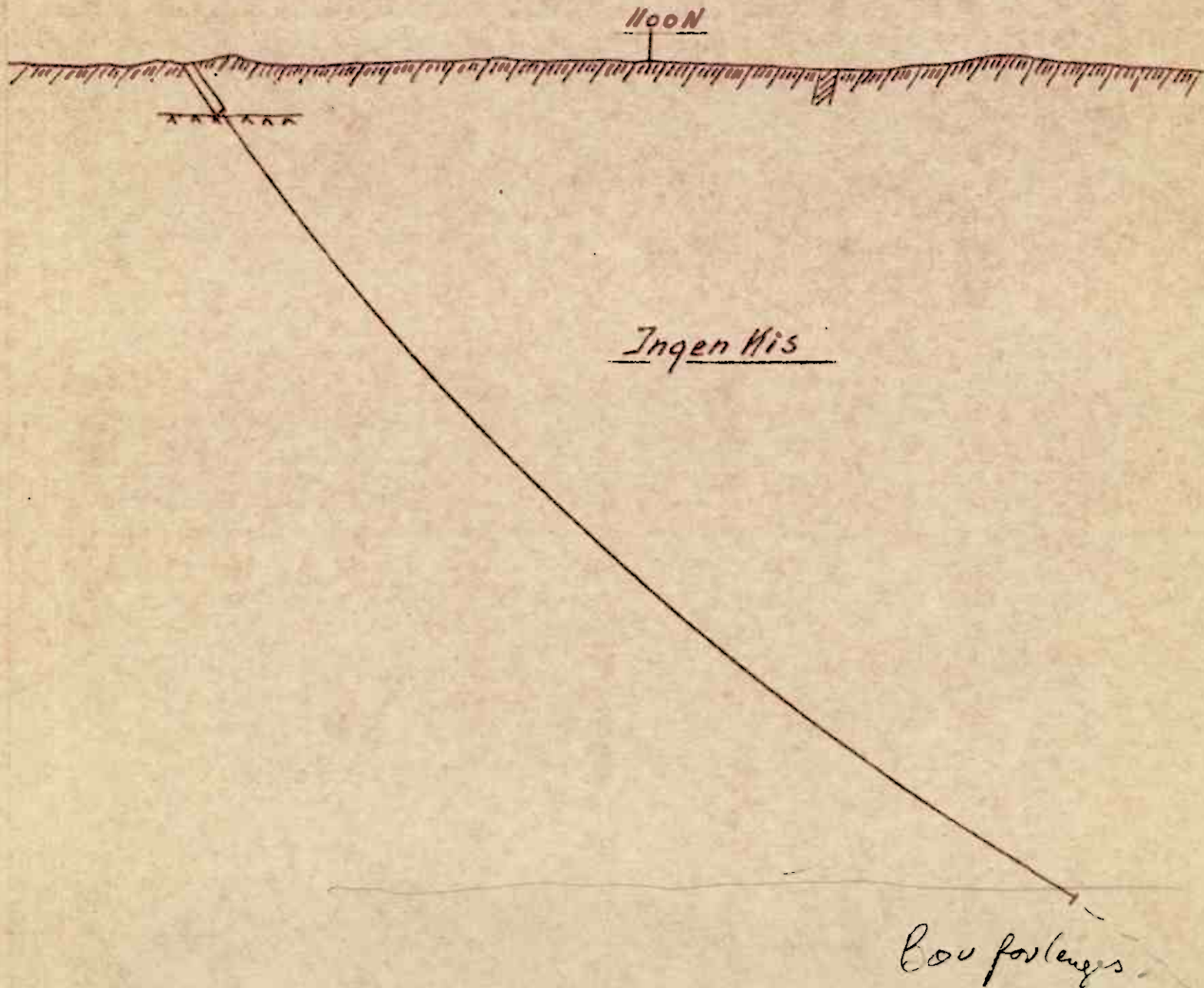
Fall = 55°

L = 100.10 m

H = 1850 V - 1060 N.

M 1:500

Overd = 5.50 m



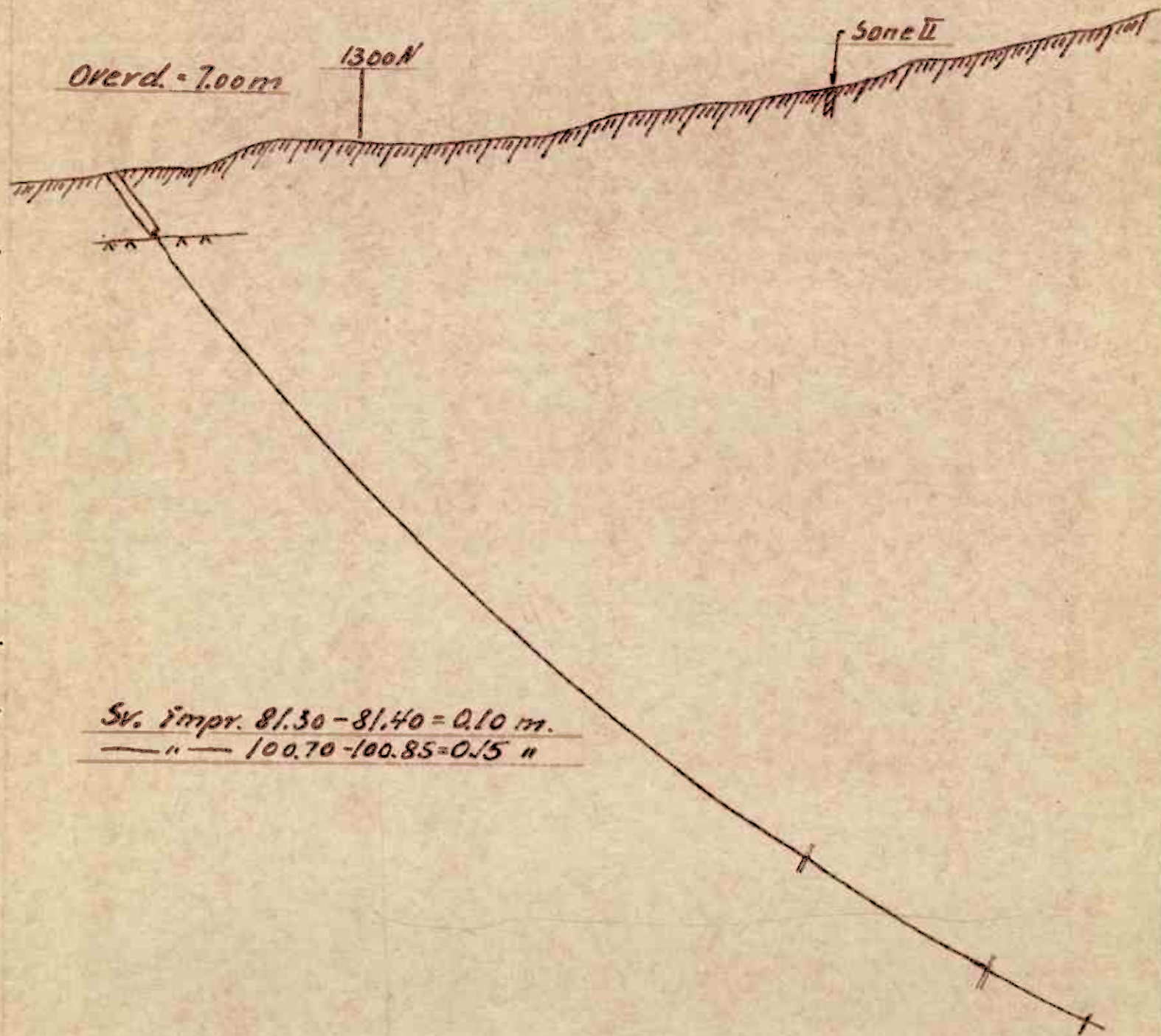
Tverrfjell. Bh.nr. 25 boret i sept. 1958

Fall = 55°

$L = 110.80 \text{ m}$

$H = 2250 \text{ V} - 1275 \text{ N}$

$M = 1:500$



Tverrfjell Bh. nr. 26 boret i sept 1958

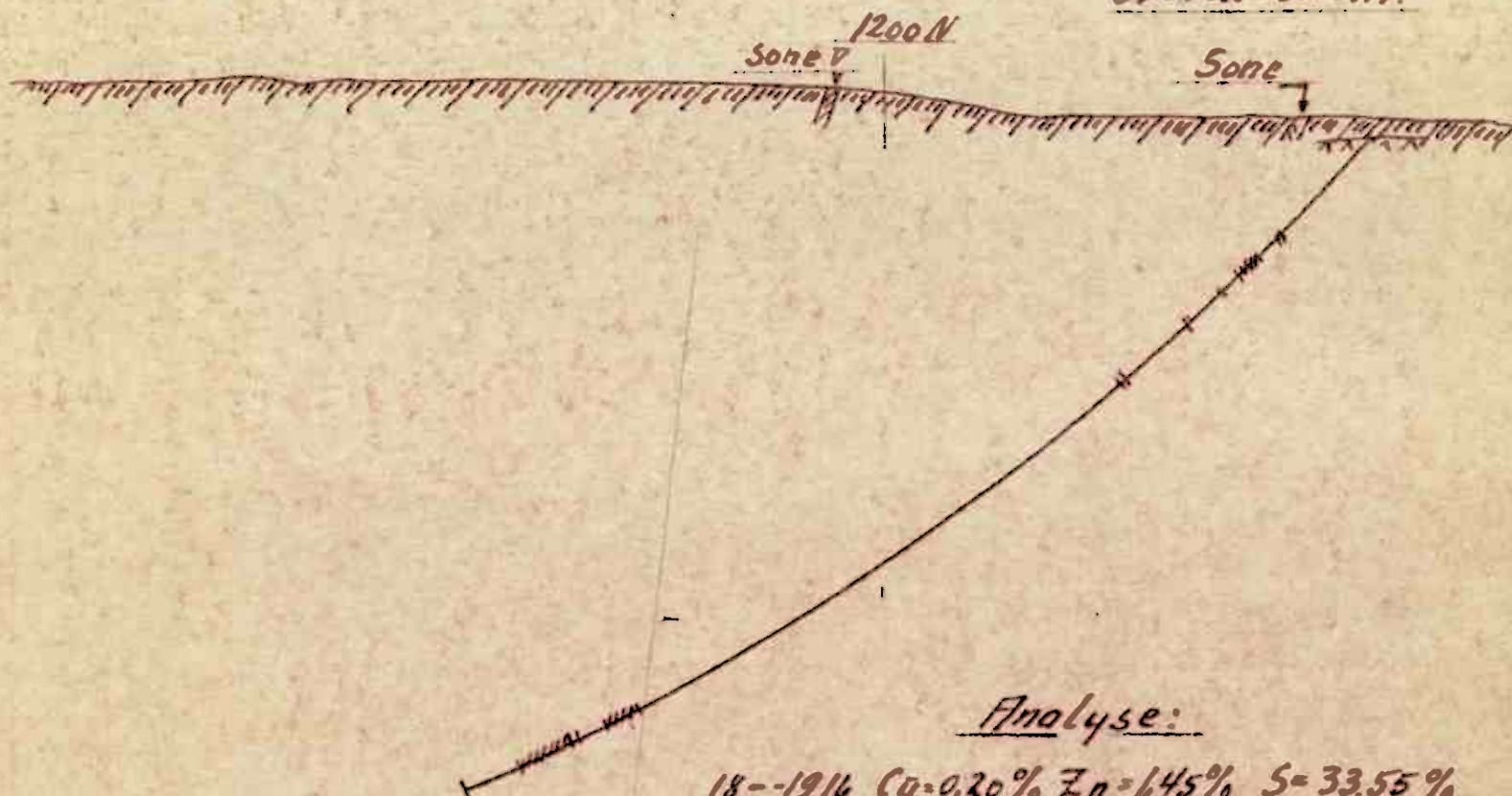
Fall = 50°

L. = 156.34 m

H = 2010 V - 1270 N.

M = 1:1000

Overcl. = 3.00 m.



Analyse:

18--19.16 Cu=0.20% Zn=1.45% S=33.55%

22.20-25.54 " = 0.13% " = 1.75% " = 36.95%

22.20-26.44 " = 0.18% " = 1.50% " = 33.97%

18.00-26.44 " = 0.15% " = 1.20% " = 25.17%

130.00-135.35 " = 1.90% " = 1.40% " = 39.47%

140.40-148.83 " = 1.45% " = 1.10% " = 11.12%

130.00-148.83 " = 1.76% " = 1.20% " = 34.80%

Kis 18.00 - 19.16 = 1.16 m

--" 22.20 - 25.54 = 3.34 "

Impr. 25.54 - 26.44 = 0.90 "

St --" 29.08 - 29.28 = 0.20 "

St --" 29.74 - 29.89 = 0.15 "

St --" 35.80 - 36.00 = 0.20 "

--" 36.85 - 37.05 = 0.20 "

Kis 44.80 - 45.00 = 0.20 "

--" 130.00 - 135.35 = 5.38 "

Impr 135.35 - 139.70 = 4.35 "

Kis 140.40 - 148.83 = 7.43 "

Tverrfjell Bh.nr 27 Boret i oktober 1958.

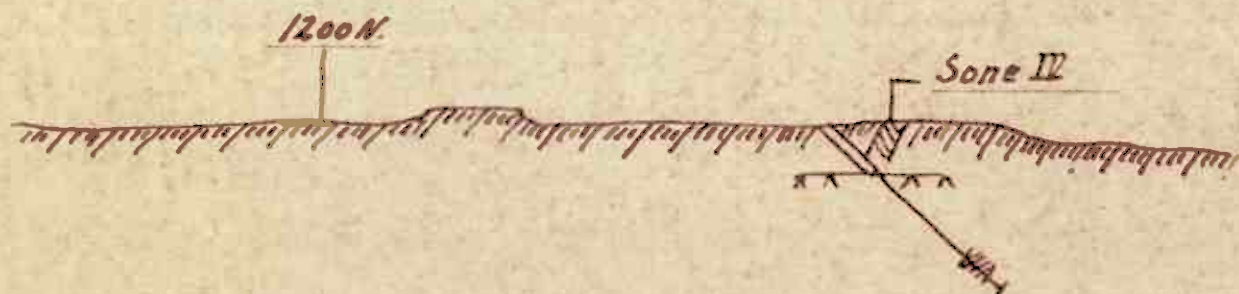
Fall = 45°

$h = 16.67 \text{ m}$

$H = 1925 \text{ V} - 1233 \text{ N}$

Overd. 5.00 m

M. = 1:500



His 7.70 - 9.70 = 2.00 m

Tverrfjell Bh nr. 28 boret i november 1958

M. = 1:500

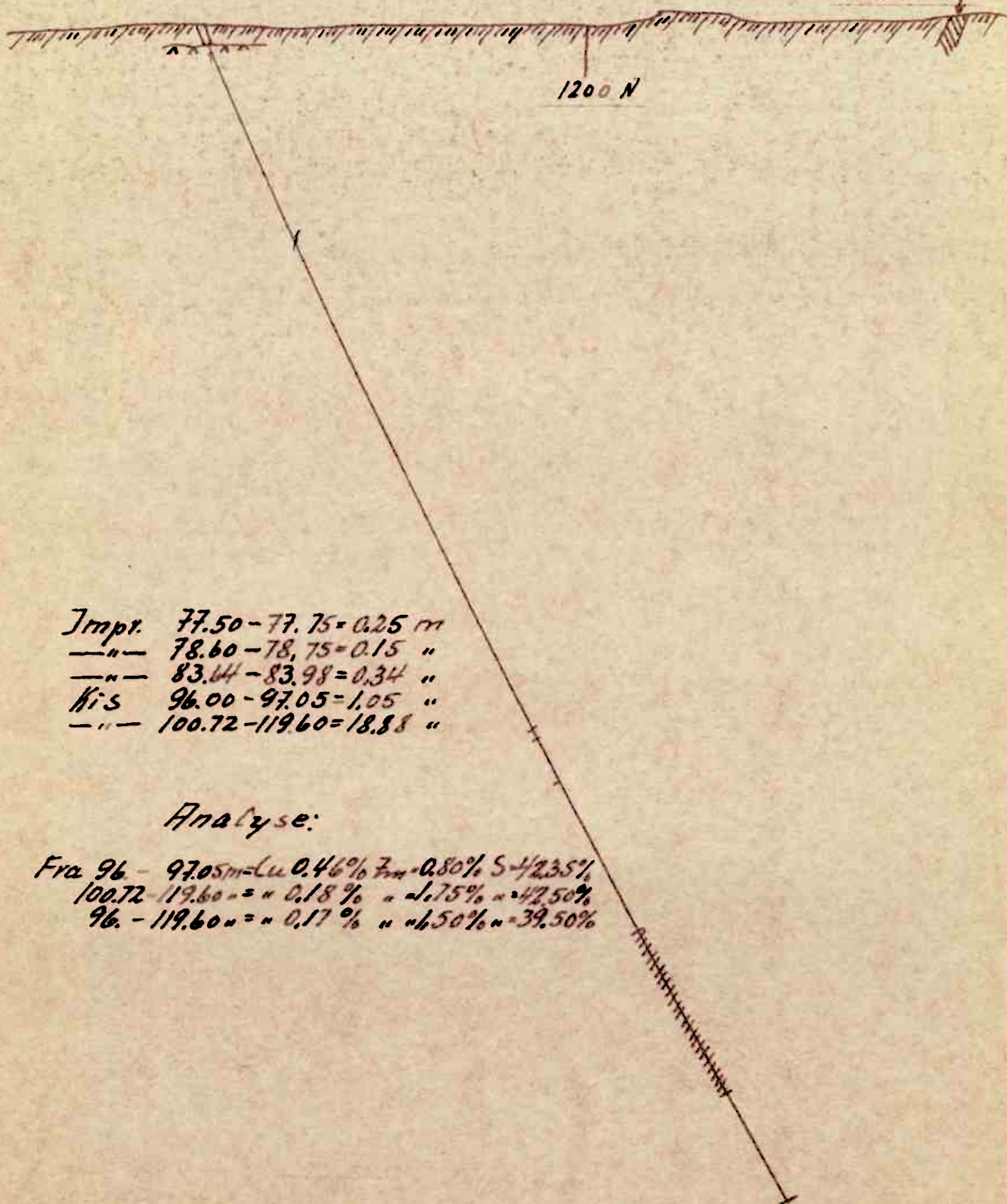
Fall = 67°

L = 135 m

Overd. 2-m

H = 1860V - 1160N

Sone II



Impr. 77.50 - 77.75 = 0.25 m
— " — 78.60 - 78.75 = 0.15 "
— " — 83.44 - 83.98 = 0.34 "
Kis 96.00 - 97.05 = 1.05 "
— " — 100.72 - 119.60 = 18.88 "

Analyse:

Fra 96 - 97.05 m = Cu 0.46% Zn 0.80% S 42.35%
100.72 - 119.60 " = " 0.18% " 1.75% " 42.50%
96 - 119.60 " = " 0.17% " 1.50% " 39.50%

Tverrfjell Bh. nr. 29 boret i september-Oktober 1958

Fall = 70°

$L = 196.54 \text{ m}$

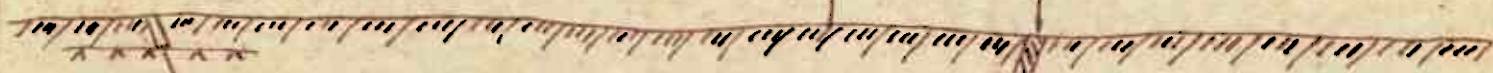
$H = 1800 \text{ V} - 1110 \text{ N.}$

Overd. 3.-m

$M = 1:1000$

1200 N

Sone 4



Impr 12.50-12.60 = 0.10 m

— 92.65-93.40 = 0.75 "

— 128.30-128.42 = 0.12 "

St. — 141.85-143.80 = 1.90 "

— 149.80-150.00 = 0.20 "

His 173.75-184.32 = 10.57 "

St. Impr. 187.00-187.50 = 0.50 "

His 188.40-188.50 = 0.10 "

Analyse:

141.85-143.80 Cu = 0.08% Zn = 6.30% S = 30.80%

173.75-184.32 " = 0.64% " = 0.90% " = 38.70%

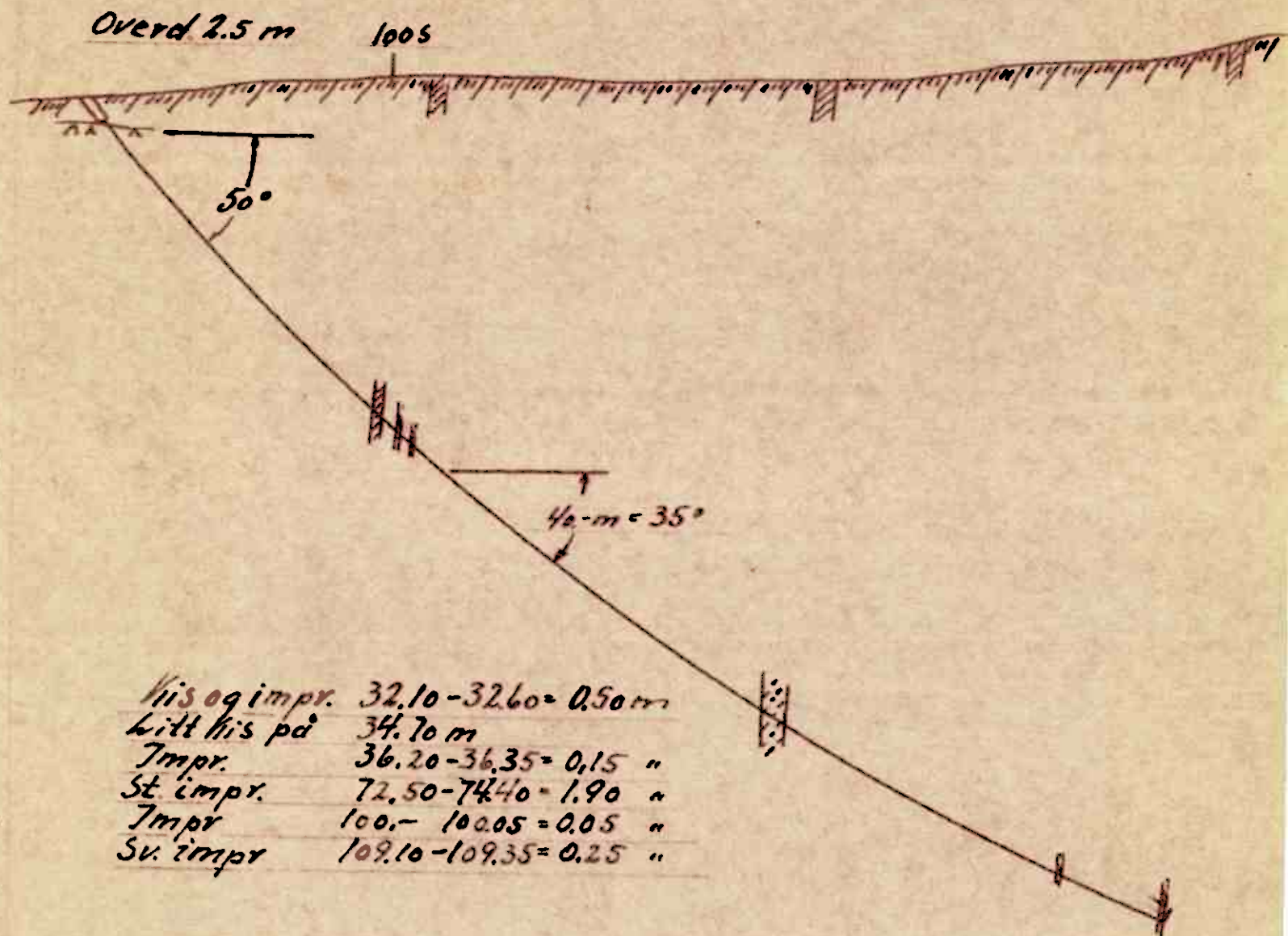
Tverrfjell Bh 51 boret: Oktober 1957

M: 1:500

Fall: 50°

L: = 109.35 m

H: = 2100 - 125 s.



Tverrfjell. Bh 52 og 53 (Ved riksvei 50)

M = 1:500

Nr. 52

Fall = 55°

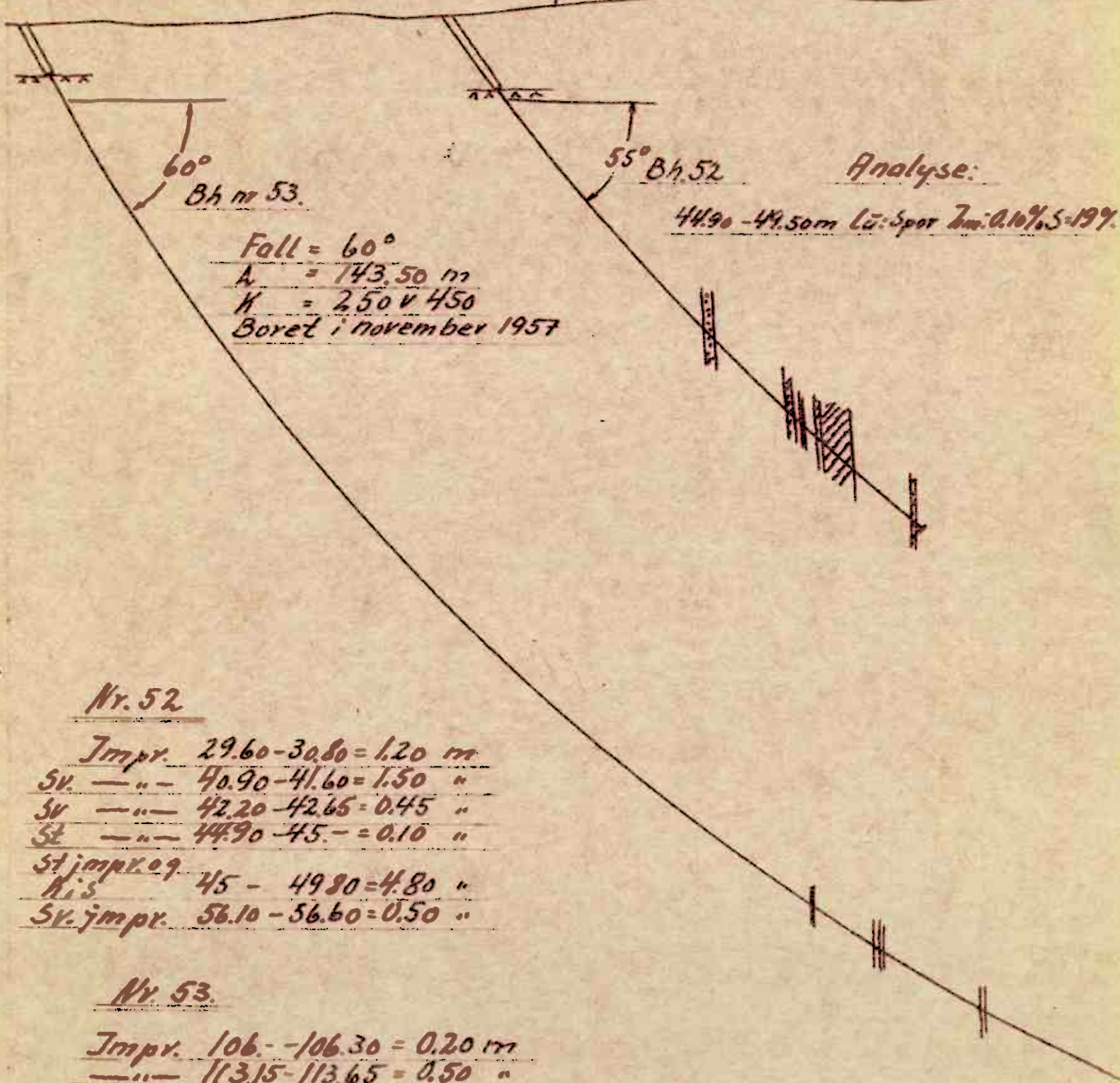
L = 57.60 m

K = 250 V - 490 N

Boret i oktober 1957

Overd 5.-m

Overd 8.-m 500 N



Fall = 60°

A = 143.50 m

K = 250 V 450

Boret i november 1957

Analyse:

44.90 - 44.50 m Lø: Spor 2m: 0.10% S-19%

Nr. 52

Impr. 29.60 - 30.80 = 1.20 m

Sv. — " — 40.90 - 41.60 = 1.50 "

Sv. — " — 42.20 - 42.65 = 0.45 "

St. — " — 44.90 - 45. — = 0.10 "

St impr. 0.9 45 - 49.80 = 4.80 "

Kis 45 - 49.80 = 4.80 "

Sv. impr. 56.10 - 56.60 = 0.50 "

Nr. 53

Impr. 106. - - 106.30 = 0.20 m

— " — 113.15 - 113.65 = 0.50 "

Kis 113.65 - 113.90 = 0.25 "

Kvitclalen bh nr. 54 boret i november 1960

M. 1:250

Overd. = 6.00 m

Sone
H = 400 s.

