



Bergvesenet

Postboks 3021, N-7441 Trondheim

Rapportarkivet

Bergvesenet rapport nr 5530	Intern Journal nr	Internt arkiv nr	Rapport lokalisering	Gradering
Kommer fra ..arkiv	Ekstern rapport nr	Oversendt fra	Fortrolig pga	Fortrolig fra dato:

Tittel

Undersøkelser i Porsa 1967/ Prøver fra A/S Porsa

Forfatter

Geis, Hans -Peter

Dato År

13.12 1967

Bedrift (Oppdragsgiver og/eller oppdragstaker)

Christiania Spigerverk

Kommune

Kvalsund

Fylke

Finnmark

Bergdistrikt

1: 50 000 kartblad

19354

1: 250 000 kartblad

Hammerfest

Fagområde

Geologi

Dokument type

Forekomster (forekomst, gruvefelt, undersøkelsesfelt)

Porsafeltet

Malakittskjerpene

Råstoffgruppe

Malm/metall

Råstofftype

Cu, py

Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse

Beskriver en litt annen type mineralisereing enn den som er vanlig i Porsafeltet. mineraliseringen i malakittskjerpene er knyttet til en mylonittsone som krysser grønnsteinene. Området ble gelogisk kartlagt og prøver tatt fra 6 profil. Følger med kart over resultat av prøvingen, samt et oversendelsesbrev som viser til oversendelse av disse prøvene til NGU.



Kopier: 2 in 2477

Elkem-Spigerverket a/s

Grubedivisjonen

Teknisk avd.

Nydalen
Postboks 4224
Oslo 4

Telex: 11 131

Telefon: (02) 23 40 90

Statsgeolog Arne Bjørlykke
Norges geologiske undersøkelse
Geologisk avdeling
Postboks 3006
7001 TRONDHEIM

Ark.	13.6.77
Avd.	G.
Besv.	
Jnl.	2512
Kont.	
Vibes	
Ark.	

Deres ref.

Vår ref.
HPG/AG

Oslo,
9. juni 1977

Geol. - forevis for Oppløst
og Lundahl

PRØVER FRA A/S PORSA

Da A/S Porsas konsesjon er hjemfalt til Staten, har vi av Industridepartementet fått pålegg om å overlate våre prøver fra Porsa til NGU. Vi har bare et lite antall som vi sender til Dem i en pakke.

./.
Vedlagte kart skulle vise hvor prøvene er fra.

Med hilsen
for Elkem-Spigerverket a/s
Grubedivisjonen

Hans Peter Geis
Hans Peter Geis

De tilsendte prøver finnes arkivert
i "Malmsamlinger NGU."

BILAG

R A P P O R T.

UNDERSØKELSER I PORSA 1967.

Som nevnt i min rapport av 15.3.67 ble det ved Malakittskjerpene funnet en mineralisering av en annen karakter enn ved de øvrige forekomster. Mineraliseringstypene kunne muligens tyde på en større forekomst.

I tiden 1. - 20.7. utførte de jugoslaviske studenter Ogorelec og Tarter prøvetaking ved Malakittskjerpene samt geologisk kartlegging av de videre omgivelser.

Malakittskjerpene ligger i en opp til 400 m bred mylonittsone som krysser grunnstener og karbonatbergarter. Det ble skutt ut prøver fra 6 enkeltprofiler. Dessuten ble det tatt joruprøver langs med ytterligere to profiler.

For å få en første orientering ble prøvene fra 3 enkeltprofiler analysert som tilsammen danner et nesten sammenhengende profil gjennom mylonittsonen. Analysene varierte mellom 0,013 og 0,2 % Cu. Da gehaltene var såpass lave, ble de resterende prøver ikke innlevert for analyse.

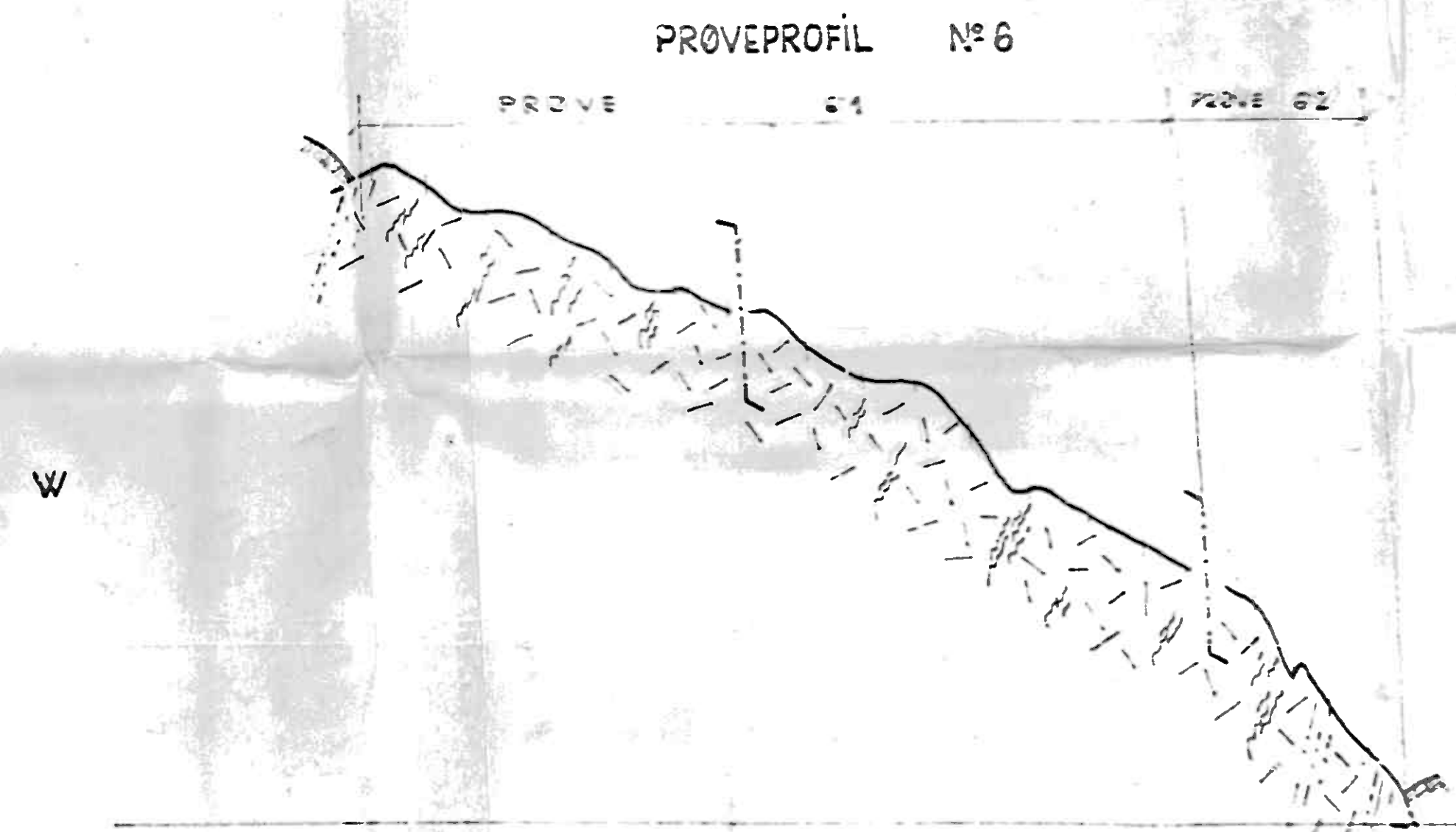
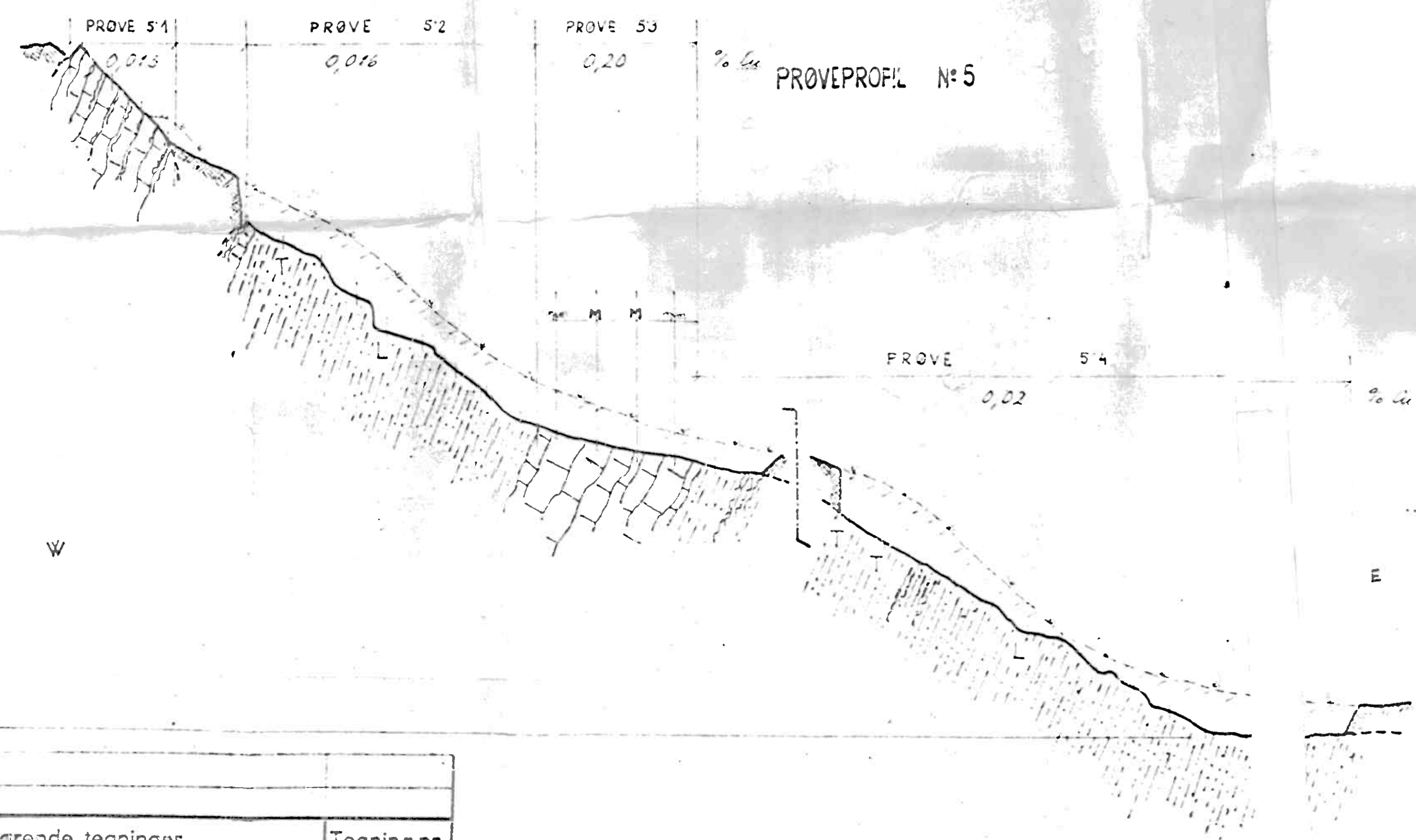
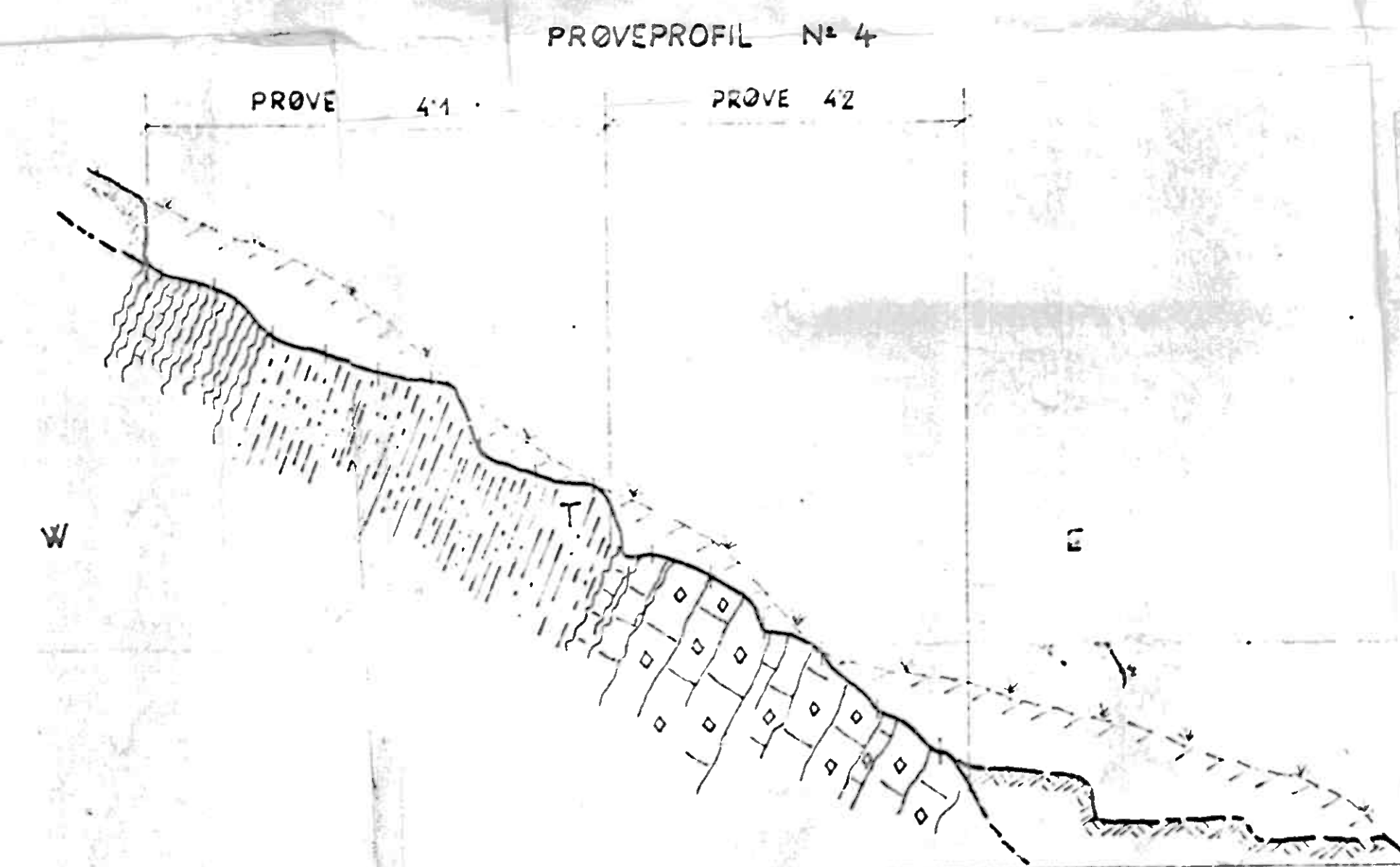
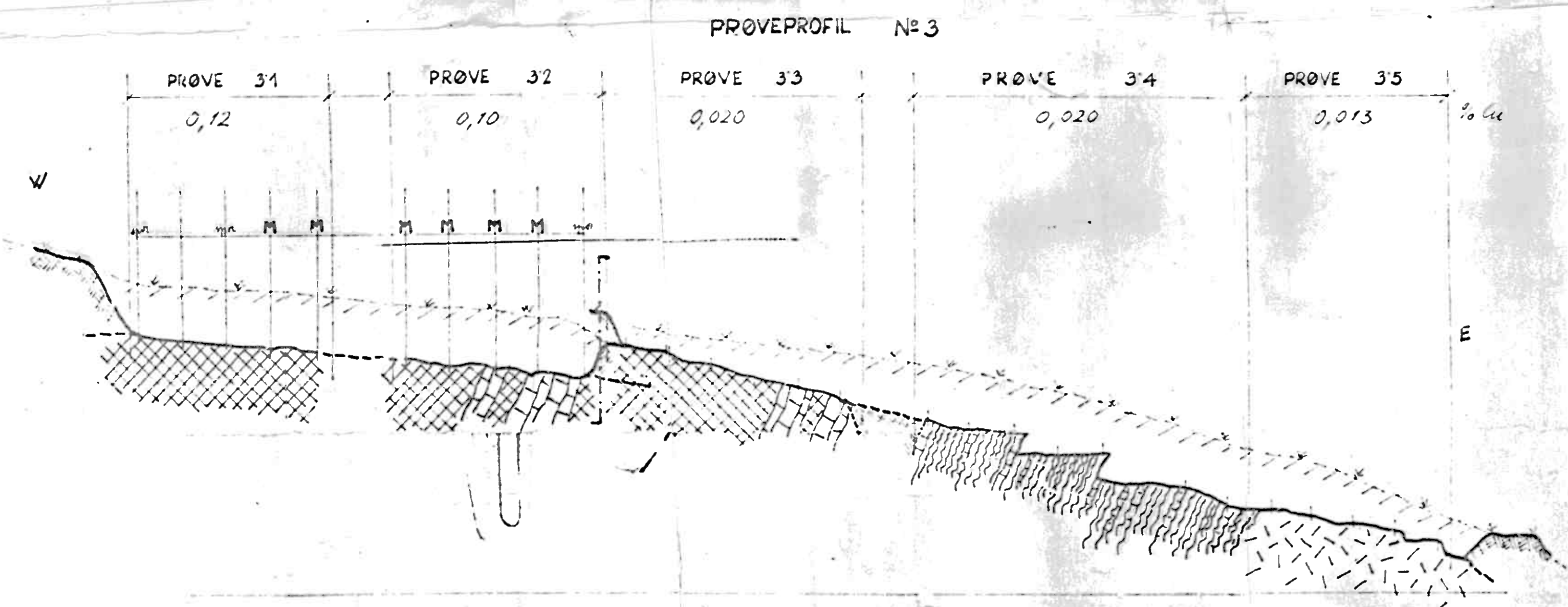
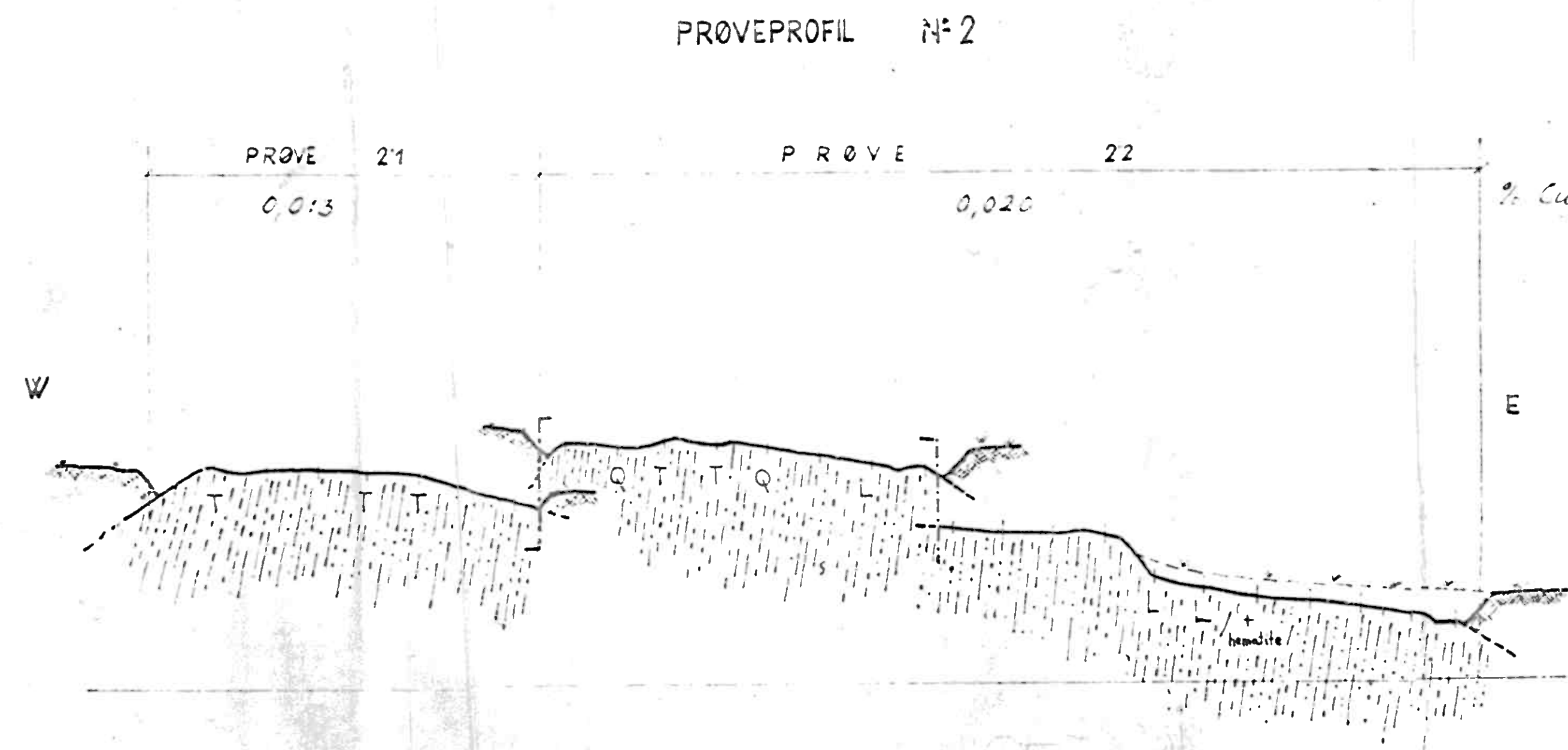
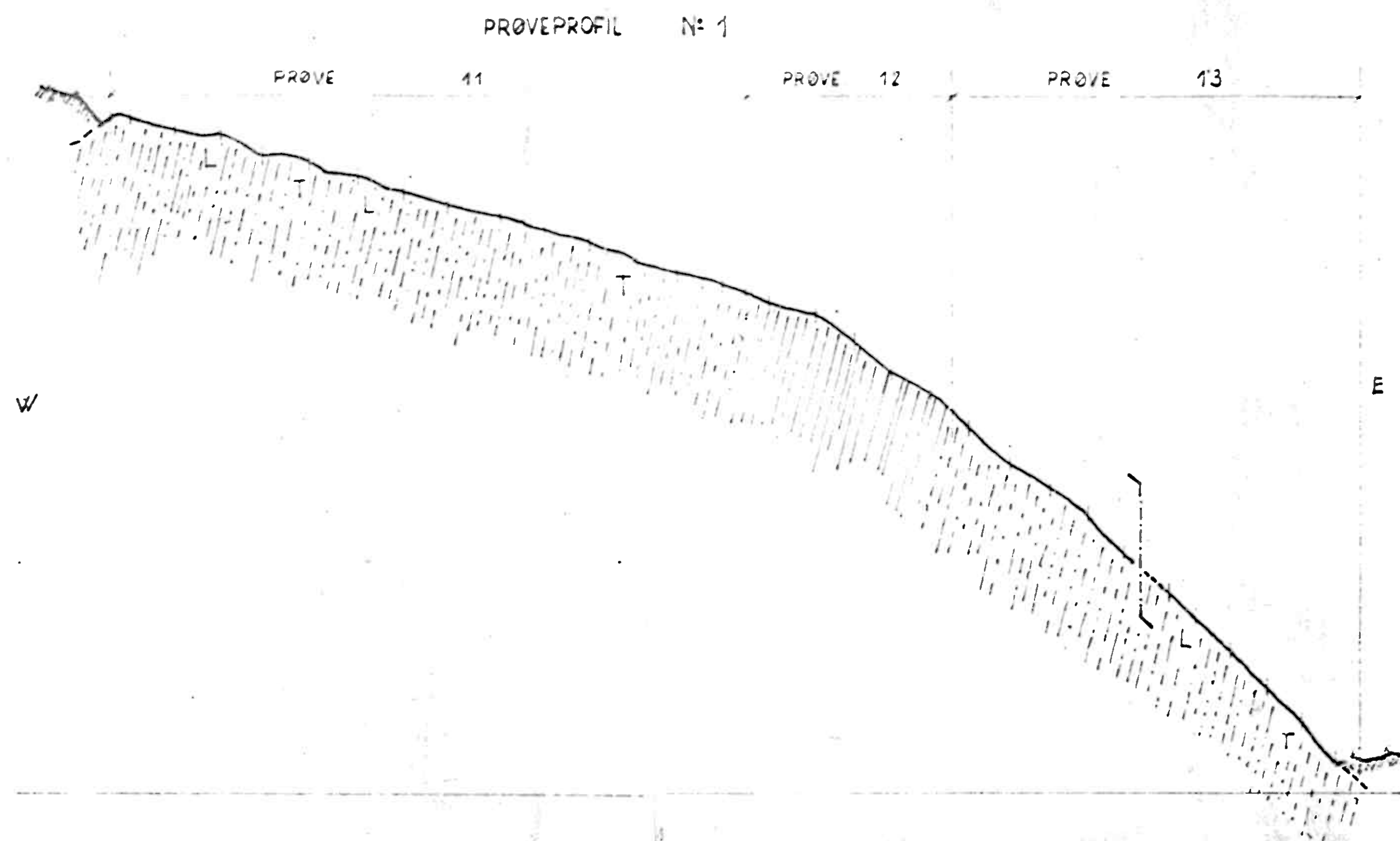
Konklusjon.

Samtlige forekomster innen A/S Porsa's konsesjonsområde som lot seg lokalisere, er dermed undersøkt. Ingen av dem kan anses som drivverdig. Jeg mener derfor at vi kan la konsesjoner tilfalle Staten.

Oslo, 13. desember 1967.

Hans-Peter Geis
Hans-Peter Geis

8 eks/HPG/KL



- green stones / massive /
- fine flattened violet slates
- violet slates with calcite
- limestone / massive /
- limestone / calcite crystals /
- quartzite
- quartzite with slates
- miglonite
- green slates rich in quartz
- T talk / miglonite rich in talk /
- L limestone / miglonite rich in calcite /
- Q quartz / miglonite rich in quartz /

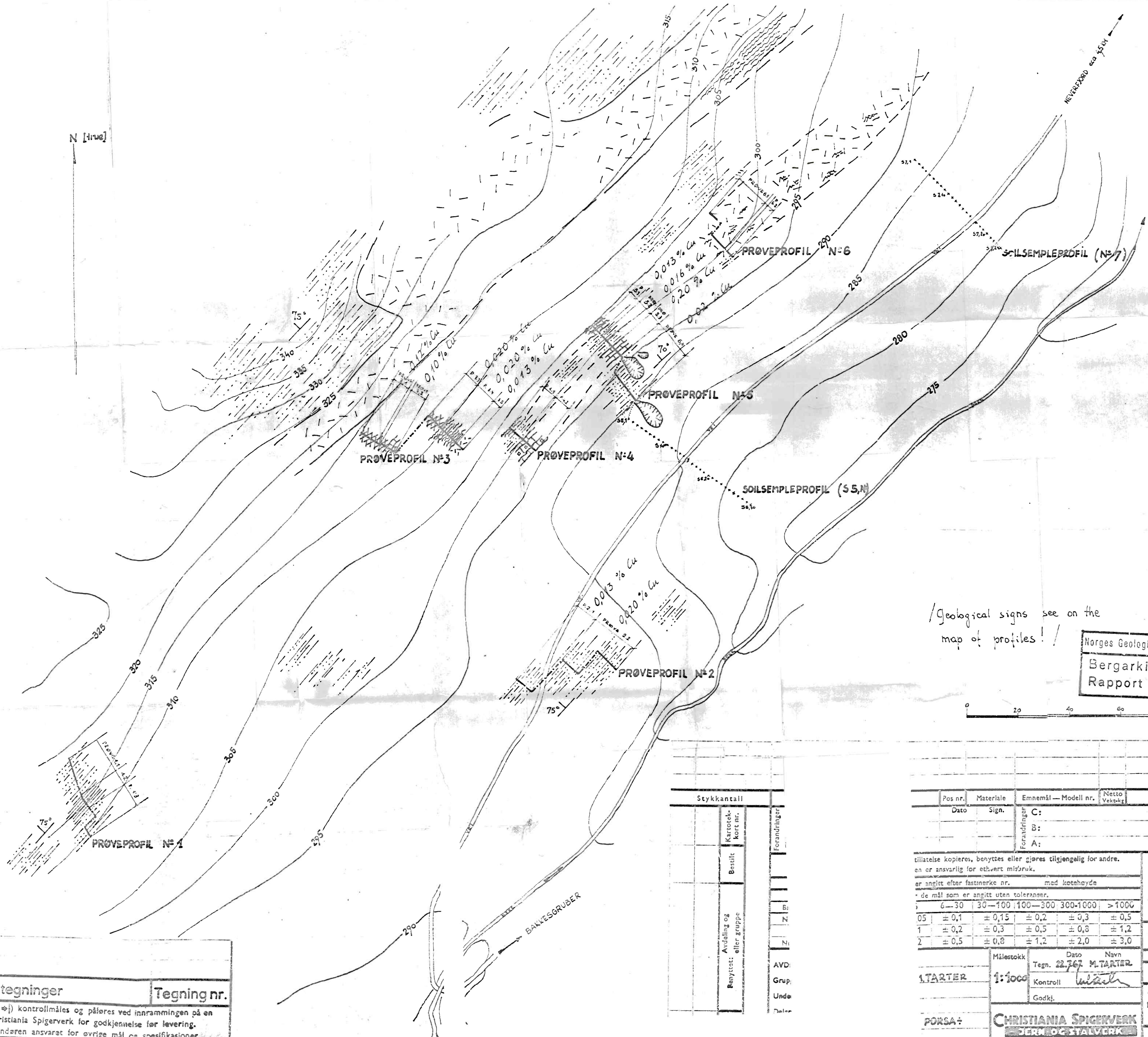
/ All the profiles are taken orthogonal to the strike of the zone /

Tilhørende tegninger

Tegning nr.

Innrammede mål (Eks. 1042) kontrolleres og påføres ved innrammingen på en anerkjent kopi som returneres Christiania Spigerverk for godkjenning for levering. Alle kontrollerte fratar ikke leverandøren ansvar for øvrige mål og spesifikasjoner.

Stykkantall	Gjenstand	Pos. nr.	Materiale	Emne	Modell nr.	Nett	Merknad	Klasse																																																																																																																																																																			
Stykkantall	Pos. nr.	Materiale	Emne	Modell nr.	Nett	Merknad	Klasse																																																																																																																																																																				
F:																																																																																																																																																																											
E:																																																																																																																																																																											
B:																																																																																																																																																																											
D:																																																																																																																																																																											
Denne tegning må ikke uten tillatelse kopieres, benyttes eller gjøres tilgjengelig for andre. Måltakeren er ansvarlig for ethvert misbruk.																																																																																																																																																																											
Korrekthet på denne tegning er angitt i prosent med benyttet målestokk.																																																																																																																																																																											
Toleranser for de mål som er angitt uten toleranse.																																																																																																																																																																											
<table border="1"> <thead> <tr> <th>Basismål i mm</th> <th>Over 0,1</th> <th>0,1 - 0,2</th> <th>0,2 - 0,5</th> <th>0,5 - 1,0</th> <th>1,0 - 2,0</th> <th>2,0 - 5,0</th> <th>5,0 - 10,0</th> <th>10,0 - 20,0</th> <th>20,0 - 50,0</th> <th>50,0 - 100,0</th> <th>100,0 - 200,0</th> <th>200,0 - 500,0</th> <th>500,0 - 1000,0</th> <th>1000,0 - 2000,0</th> <th>2000,0 - 5000,0</th> <th>5000,0 - 10000,0</th> <th>10000,0 - 20000,0</th> <th>20000,0 - 50000,0</th> <th>50000,0 - 100000,0</th> <th>100000,0 - 200000,0</th> <th>200000,0 - 500000,0</th> <th>500000,0 - 1000000,0</th> <th>1000000,0 - 2000000,0</th> <th>2000000,0 - 5000000,0</th> <th>5000000,0 - 10000000,0</th> <th>10000000,0 - 20000000,0</th> <th>20000000,0 - 50000000,0</th> <th>50000000,0 - 100000000,0</th> <th>100000000,0 - 200000000,0</th> <th>200000000,0 - 500000000,0</th> <th>500000000,0 - 1000000000,0</th> <th>1000000000,0 - 2000000000,0</th> <th>2000000000,0 - 5000000000,0</th> <th>5000000000,0 - 10000000000,0</th> <th>10000000000,0 - 20000000000,0</th> <th>20000000000,0 - 50000000000,0</th> <th>50000000000,0 - 100000000000,0</th> <th>100000000000,0 - 200000000000,0</th> <th>200000000000,0 - 500000000000,0</th> <th>500000000000,0 - 1000000000000,0</th> <th>1000000000000,0 - 2000000000000,0</th> <th>2000000000000,0 - 5000000000000,0</th> <th>5000000000000,0 - 10000000000000,0</th> <th>10000000000000,0 - 20000000000000,0</th> <th>20000000000000,0 - 50000000000000,0</th> <th>50000000000000,0 - 100000000000000,0</th> <th>100000000000000,0 - 200000000000000,0</th> <th>200000000000000,0 - 500000000000000,0</th> <th>500000000000000,0 - 1000000000000000,0</th> <th>1000000000000000,0 - 2000000000000000,0</th> <th>2000000000000000,0 - 5000000000000000,0</th> <th>5000000000000000,0 - 10000000000000000,0</th> <th>10000000000000000,0 - 20000000000000000,0</th> <th>20000000000000000,0 - 50000000000000000,0</th> <th>50000000000000000,0 - 100000000000000000,0</th> <th>100000000000000000,0 - 200000000000000000,0</th> <th>200000000000000000,0 - 500000000000000000,0</th> <th>500000000000000000,0 - 1000000000000000000,0</th> <th>1000000000000000000,0 - 2000000000000000000,0</th> <th>2000000000000000000,0 - 5000000000000000000,0</th> <th>5000000000000000000,0 - 10000000000000000000,0</th> <th>10000000000000000000,0 - 20000000000000000000,0</th> <th>20000000000000000000,0 - 50000000000000000000,0</th> <th>50000000000000000000,0 - 100000000000000000000,0</th> <th>100000000000000000000,0 - 200000000000000000000,0</th> <th>200000000000000000000,0 - 500000000000000000000,0</th> <th>500000000000000000000,0 - 1000000000000000000000,0</th> <th>1000000000000000000000,0 - 2000000000000000000000,0</th> <th>2000000000000000000000,0 - 5000000000000000000000,0</th> <th>5000000000000000000000,0 - 10000000000000000000000,0</th> <th>10000000000000000000000,0 - 20000000000000000000000,0</th> <th>20000000000000000000000,0 - 50000000000000000000000,0</th> <th>50000000000000000000000,0 - 100000000000000000000000,0</th> <th>100000000000000000000000,0 - 200000000000000000000000,0</th> <th>200000000000000000000000,0 - 500000000000000000000000,0</th> <th>500000000000000000000000,0 - 1000000000000000000000000,0</th> <th>1000000000000000000000000,0 - 2000000000000000000000000,0</th> <th>2000000000000000000000000,0 - 5000000000000000000000000,0</th> <th>5000000000000000000000000,0 - 10000000000000000000000000,0</th> <th>10000000000000000000000000,0 - 20000000000000000000000000,0</th> <th>20000000000000000000000000,0 - 50000000000000000000000000,0</th> <th>50000000000000000000000000,0 - 100000000000000000000000000,0</th> <th>100000000000000000000000000,0 - 200000000000000000000000000,0</th> <th>200000000000000000000000000,0 - 500000000000000000000000000,0</th> <th>500000000000000000000000000,0 - 1000000000000000000000000000,0</th> <th>1000000000000000000000000000,0 - 2000000000000000000000000000,0</th> <th>2000000000000000000000000000,0 - 5000000000000000000000000000,0</th> <th>5000000000000000000000000000,0 - 10000000000000000000000000000,0</th> <th>10000000000000000000000000000,0 - 20000000000000000000000000000,0</th> <th>20000000000000000000000000000,0 - 50000000000000000000000000000,0</th> <th>50000000000000000000000000000,0 - 100000000000000000000000000000,0</th> <th>100000000000000000000000000000,0 - 200000000000000000000000000000,0</th> <th>200000000000000000000000000000,0 - 500000000000000000000000000000,0</th> <th>500000000000000000000000000000,0 - 1000000000000000000000000000000,0</th> <th>1000000000000000000000000000000,0 - 2000000000000000000000000000000,0</th> <th>2000000000000000000000000000000,0 - 5000000000000000000000000000000,0</th> <th>5000000000000000000000000000000,0 - 10000000000000000000000000000000,0</th> <th>10000000000000000000000000000000,0 - 20000000000000000000000000000000,0</th> <th>20000000000000000000000000000000,0 - 50000000000000000000000000000000,0</th> <th>50000000000000000000000000000000,0 - 100000000000000000000000000000000,0</th> <th>100000000000000000000000000000000,0 - 200000000000000000000000000000000,0</th> <th>200000000000000000000000000000000,0 - 500000000000000000000000000000000,0</th> <th>500000000000000000000000000000000,0 - 1000000000000000000000000000000000,0</th> <th>1000000000000000000000000000000000,0 - 2000000000000000000000000000000000,0</th> <th>2000000000000000000000000000000000,0 - 5000000000000000000000000000000000,0</th> <th>5000000000000000000000000000000000,0 - 10000000000000000000000000000000000,0</th> <th>10000000000000000000000000000000000,0 - 20000000000000000000000000000000000,0</th> <th>20000000000000000000000000000000000,0 - 50000000000000000000000000000000000,0</th> <th>50000000000000000000000000000000000,0 - 100000000000000000000000000000000000,0</th> <th>100000000000000000000000000000000000,0 - 200000000000000000000000000000000000,0</th> <th>200000000000000000000000000000000000,0 - 500000000000000000000000000000000000,0</th> <th>500000000000000000000000000000000000,0 - 1000000000000000000000000000000000000,0</th> <th>1000000000000000000000000000000000000,0 - 2000000000000000000000000000000000000,0</th> <th>2000000000000000000000000000000000000,0 - 5000000000000000000000000000000000000,0</th> <th>5000000000000000000000000000000000000,0 - 10000000000000000000000000000000000000,0</th> <th>10000000000000000000000000000000000000,0 - 20000000000000000000000000000000000000,0</th> <th>20000000000000000000000000000000000000,0 - 50000000000000000000000000000000000000,0</th> <th>50000000000000000000000000000000000000,0 - 100000000000000000000000000000000000000,0</th> <th>100000000000000000000000000000000000000,0 - 200000000000000000000000000000000000000,0</th> <th>200000000000000000000000000000000000000,0 - 500000000000000000000000000000000000000,0</th> <th>500000000000000000000000000000000000000,0 - 1000000000000000000000000000000000000000,0</th> <th>1000000000000000000000000000000000000000,0 - 2000000000000000000000000000000000000000,0</th> <th>2000000000000000000000000000000000000000,0 - 5000000000000000000000000000000000000000,0</th> <th>5000000000000000000000000000000000000000,0 - 100,0</th> <th>100,0 - 200,0</th> <th>200,0 - 500,0</th> <th>500,0 - 1000,0</th> <th>1000,0 - 2000,0</th> <th>2000,0 - 5000,0</th> <th>5000,0 - 100,0</th> <th>100,0 - 200,0</th> <th>200,0 - 500,0</th> <th>500,0 - 1000,0</th> <th>1000,0 - 2000,0</th> <th>2000,0 - 5000,0</th> <th>5000,0 - 100,0</th> <th>100,0 - 200,0</th> <th>200,0 - 500,0</th> <th>500,0 - 1000,0</th> <th>1000,0 - 2000,0</th> <th>2000,0 - 5000,0</th> <th>5000,0 - 100,0</th> <th>100,0 - 200,0</th> <th>200,0 - 500,0</th> <th>500,0 - 1000,0</th> <th>1000,0 - 2000,0</th> <th>2000,0 - 5000,0</th> <th>5000,0 - 100,0</th> <th>100,0 - 200,0</th> <th>200,0 - 500,0</th> <th>500,0 - 1000,0</th> <th>1000,0 - 2000,0</th> <th>2000,0 - 5000,0</th> <th>5000,0 - 100,0</th> <th>100,0 - 200,0</th> <th>200,0 - 500,0</th> <th>500,0 - 1000,0</th> <th>1000,0 - 2000,0</th> <th>2000,0 - 5000,0</th> <th>5000,0 - 100,0</th> <th>100,0 - 200,0</th> <th>200,0 - 500,</th></tr></thead></table>									Basismål i mm	Over 0,1	0,1 - 0,2	0,2 - 0,5	0,5 - 1,0	1,0 - 2,0	2,0 - 5,0	5,0 - 10,0	10,0 - 20,0	20,0 - 50,0	50,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 10000,0	10000,0 - 20000,0	20000,0 - 50000,0	50000,0 - 100000,0	100000,0 - 200000,0	200000,0 - 500000,0	500000,0 - 1000000,0	1000000,0 - 2000000,0	2000000,0 - 5000000,0	5000000,0 - 10000000,0	10000000,0 - 20000000,0	20000000,0 - 50000000,0	50000000,0 - 100000000,0	100000000,0 - 200000000,0	200000000,0 - 500000000,0	500000000,0 - 1000000000,0	1000000000,0 - 2000000000,0	2000000000,0 - 5000000000,0	5000000000,0 - 10000000000,0	10000000000,0 - 20000000000,0	20000000000,0 - 50000000000,0	50000000000,0 - 100000000000,0	100000000000,0 - 200000000000,0	200000000000,0 - 500000000000,0	500000000000,0 - 1000000000000,0	1000000000000,0 - 2000000000000,0	2000000000000,0 - 5000000000000,0	5000000000000,0 - 10000000000000,0	10000000000000,0 - 20000000000000,0	20000000000000,0 - 50000000000000,0	50000000000000,0 - 100000000000000,0	100000000000000,0 - 200000000000000,0	200000000000000,0 - 500000000000000,0	500000000000000,0 - 1000000000000000,0	1000000000000000,0 - 2000000000000000,0	2000000000000000,0 - 5000000000000000,0	5000000000000000,0 - 10000000000000000,0	10000000000000000,0 - 20000000000000000,0	20000000000000000,0 - 50000000000000000,0	50000000000000000,0 - 100000000000000000,0	100000000000000000,0 - 200000000000000000,0	200000000000000000,0 - 500000000000000000,0	500000000000000000,0 - 1000000000000000000,0	1000000000000000000,0 - 2000000000000000000,0	2000000000000000000,0 - 5000000000000000000,0	5000000000000000000,0 - 10000000000000000000,0	10000000000000000000,0 - 20000000000000000000,0	20000000000000000000,0 - 50000000000000000000,0	50000000000000000000,0 - 100000000000000000000,0	100000000000000000000,0 - 200000000000000000000,0	200000000000000000000,0 - 500000000000000000000,0	500000000000000000000,0 - 1000000000000000000000,0	1000000000000000000000,0 - 2000000000000000000000,0	2000000000000000000000,0 - 5000000000000000000000,0	5000000000000000000000,0 - 10000000000000000000000,0	10000000000000000000000,0 - 20000000000000000000000,0	20000000000000000000000,0 - 50000000000000000000000,0	50000000000000000000000,0 - 100000000000000000000000,0	100000000000000000000000,0 - 200000000000000000000000,0	200000000000000000000000,0 - 500000000000000000000000,0	500000000000000000000000,0 - 1000000000000000000000000,0	1000000000000000000000000,0 - 2000000000000000000000000,0	2000000000000000000000000,0 - 5000000000000000000000000,0	5000000000000000000000000,0 - 10000000000000000000000000,0	10000000000000000000000000,0 - 20000000000000000000000000,0	20000000000000000000000000,0 - 50000000000000000000000000,0	50000000000000000000000000,0 - 100000000000000000000000000,0	100000000000000000000000000,0 - 200000000000000000000000000,0	200000000000000000000000000,0 - 500000000000000000000000000,0	500000000000000000000000000,0 - 1000000000000000000000000000,0	1000000000000000000000000000,0 - 2000000000000000000000000000,0	2000000000000000000000000000,0 - 5000000000000000000000000000,0	5000000000000000000000000000,0 - 10000000000000000000000000000,0	10000000000000000000000000000,0 - 20000000000000000000000000000,0	20000000000000000000000000000,0 - 50000000000000000000000000000,0	50000000000000000000000000000,0 - 100000000000000000000000000000,0	100000000000000000000000000000,0 - 200000000000000000000000000000,0	200000000000000000000000000000,0 - 500000000000000000000000000000,0	500000000000000000000000000000,0 - 1000000000000000000000000000000,0	1000000000000000000000000000000,0 - 2000000000000000000000000000000,0	2000000000000000000000000000000,0 - 5000000000000000000000000000000,0	5000000000000000000000000000000,0 - 10000000000000000000000000000000,0	10000000000000000000000000000000,0 - 20000000000000000000000000000000,0	20000000000000000000000000000000,0 - 50000000000000000000000000000000,0	50000000000000000000000000000000,0 - 100000000000000000000000000000000,0	100000000000000000000000000000000,0 - 200000000000000000000000000000000,0	200000000000000000000000000000000,0 - 500000000000000000000000000000000,0	500000000000000000000000000000000,0 - 1000000000000000000000000000000000,0	1000000000000000000000000000000000,0 - 2000000000000000000000000000000000,0	2000000000000000000000000000000000,0 - 5000000000000000000000000000000000,0	5000000000000000000000000000000000,0 - 10000000000000000000000000000000000,0	10000000000000000000000000000000000,0 - 20000000000000000000000000000000000,0	20000000000000000000000000000000000,0 - 50000000000000000000000000000000000,0	50000000000000000000000000000000000,0 - 100000000000000000000000000000000000,0	100000000000000000000000000000000000,0 - 200000000000000000000000000000000000,0	200000000000000000000000000000000000,0 - 500000000000000000000000000000000000,0	500000000000000000000000000000000000,0 - 1000000000000000000000000000000000000,0	1000000000000000000000000000000000000,0 - 2000000000000000000000000000000000000,0	2000000000000000000000000000000000000,0 - 5000000000000000000000000000000000000,0	5000000000000000000000000000000000000,0 - 10000000000000000000000000000000000000,0	10000000000000000000000000000000000000,0 - 20000000000000000000000000000000000000,0	20000000000000000000000000000000000000,0 - 50000000000000000000000000000000000000,0	50000000000000000000000000000000000000,0 - 100000000000000000000000000000000000000,0	100000000000000000000000000000000000000,0 - 200000000000000000000000000000000000000,0	200000000000000000000000000000000000000,0 - 500000000000000000000000000000000000000,0	500000000000000000000000000000000000000,0 - 1000000000000000000000000000000000000000,0	1000000000000000000000000000000000000000,0 - 2000000000000000000000000000000000000000,0	2000000000000000000000000000000000000000,0 - 5000000000000000000000000000000000000000,0	5000000000000000000000000000000000000000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,
Basismål i mm	Over 0,1	0,1 - 0,2	0,2 - 0,5	0,5 - 1,0	1,0 - 2,0	2,0 - 5,0	5,0 - 10,0	10,0 - 20,0	20,0 - 50,0	50,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 10000,0	10000,0 - 20000,0	20000,0 - 50000,0	50000,0 - 100000,0	100000,0 - 200000,0	200000,0 - 500000,0	500000,0 - 1000000,0	1000000,0 - 2000000,0	2000000,0 - 5000000,0	5000000,0 - 10000000,0	10000000,0 - 20000000,0	20000000,0 - 50000000,0	50000000,0 - 100000000,0	100000000,0 - 200000000,0	200000000,0 - 500000000,0	500000000,0 - 1000000000,0	1000000000,0 - 2000000000,0	2000000000,0 - 5000000000,0	5000000000,0 - 10000000000,0	10000000000,0 - 20000000000,0	20000000000,0 - 50000000000,0	50000000000,0 - 100000000000,0	100000000000,0 - 200000000000,0	200000000000,0 - 500000000000,0	500000000000,0 - 1000000000000,0	1000000000000,0 - 2000000000000,0	2000000000000,0 - 5000000000000,0	5000000000000,0 - 10000000000000,0	10000000000000,0 - 20000000000000,0	20000000000000,0 - 50000000000000,0	50000000000000,0 - 100000000000000,0	100000000000000,0 - 200000000000000,0	200000000000000,0 - 500000000000000,0	500000000000000,0 - 1000000000000000,0	1000000000000000,0 - 2000000000000000,0	2000000000000000,0 - 5000000000000000,0	5000000000000000,0 - 10000000000000000,0	10000000000000000,0 - 20000000000000000,0	20000000000000000,0 - 50000000000000000,0	50000000000000000,0 - 100000000000000000,0	100000000000000000,0 - 200000000000000000,0	200000000000000000,0 - 500000000000000000,0	500000000000000000,0 - 1000000000000000000,0	1000000000000000000,0 - 2000000000000000000,0	2000000000000000000,0 - 5000000000000000000,0	5000000000000000000,0 - 10000000000000000000,0	10000000000000000000,0 - 20000000000000000000,0	20000000000000000000,0 - 50000000000000000000,0	50000000000000000000,0 - 100000000000000000000,0	100000000000000000000,0 - 200000000000000000000,0	200000000000000000000,0 - 500000000000000000000,0	500000000000000000000,0 - 1000000000000000000000,0	1000000000000000000000,0 - 2000000000000000000000,0	2000000000000000000000,0 - 5000000000000000000000,0	5000000000000000000000,0 - 10000000000000000000000,0	10000000000000000000000,0 - 20000000000000000000000,0	20000000000000000000000,0 - 50000000000000000000000,0	50000000000000000000000,0 - 100000000000000000000000,0	100000000000000000000000,0 - 200000000000000000000000,0	200000000000000000000000,0 - 500000000000000000000000,0	500000000000000000000000,0 - 1000000000000000000000000,0	1000000000000000000000000,0 - 2000000000000000000000000,0	2000000000000000000000000,0 - 5000000000000000000000000,0	5000000000000000000000000,0 - 10000000000000000000000000,0	10000000000000000000000000,0 - 20000000000000000000000000,0	20000000000000000000000000,0 - 50000000000000000000000000,0	50000000000000000000000000,0 - 100000000000000000000000000,0	100000000000000000000000000,0 - 200000000000000000000000000,0	200000000000000000000000000,0 - 500000000000000000000000000,0	500000000000000000000000000,0 - 1000000000000000000000000000,0	1000000000000000000000000000,0 - 2000000000000000000000000000,0	2000000000000000000000000000,0 - 5000000000000000000000000000,0	5000000000000000000000000000,0 - 10000000000000000000000000000,0	10000000000000000000000000000,0 - 20000000000000000000000000000,0	20000000000000000000000000000,0 - 50000000000000000000000000000,0	50000000000000000000000000000,0 - 100000000000000000000000000000,0	100000000000000000000000000000,0 - 200000000000000000000000000000,0	200000000000000000000000000000,0 - 500000000000000000000000000000,0	500000000000000000000000000000,0 - 1000000000000000000000000000000,0	1000000000000000000000000000000,0 - 2000000000000000000000000000000,0	2000000000000000000000000000000,0 - 5000000000000000000000000000000,0	5000000000000000000000000000000,0 - 10000000000000000000000000000000,0	10000000000000000000000000000000,0 - 20000000000000000000000000000000,0	20000000000000000000000000000000,0 - 50000000000000000000000000000000,0	50000000000000000000000000000000,0 - 100000000000000000000000000000000,0	100000000000000000000000000000000,0 - 200000000000000000000000000000000,0	200000000000000000000000000000000,0 - 500000000000000000000000000000000,0	500000000000000000000000000000000,0 - 1000000000000000000000000000000000,0	1000000000000000000000000000000000,0 - 2000000000000000000000000000000000,0	2000000000000000000000000000000000,0 - 5000000000000000000000000000000000,0	5000000000000000000000000000000000,0 - 10000000000000000000000000000000000,0	10000000000000000000000000000000000,0 - 20000000000000000000000000000000000,0	20000000000000000000000000000000000,0 - 50000000000000000000000000000000000,0	50000000000000000000000000000000000,0 - 100000000000000000000000000000000000,0	100000000000000000000000000000000000,0 - 200000000000000000000000000000000000,0	200000000000000000000000000000000000,0 - 500000000000000000000000000000000000,0	500000000000000000000000000000000000,0 - 1000000000000000000000000000000000000,0	1000000000000000000000000000000000000,0 - 2000000000000000000000000000000000000,0	2000000000000000000000000000000000000,0 - 5000000000000000000000000000000000000,0	5000000000000000000000000000000000000,0 - 10000000000000000000000000000000000000,0	10000000000000000000000000000000000000,0 - 20000000000000000000000000000000000000,0	20000000000000000000000000000000000000,0 - 50000000000000000000000000000000000000,0	50000000000000000000000000000000000000,0 - 100000000000000000000000000000000000000,0	100000000000000000000000000000000000000,0 - 200000000000000000000000000000000000000,0	200000000000000000000000000000000000000,0 - 500000000000000000000000000000000000000,0	500000000000000000000000000000000000000,0 - 1000000000000000000000000000000000000000,0	1000000000000000000000000000000000000000,0 - 2000000000000000000000000000000000000000,0	2000000000000000000000000000000000000000,0 - 5000000000000000000000000000000000000000,0	5000000000000000000000000000000000000000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,0	500,0 - 1000,0	1000,0 - 2000,0	2000,0 - 5000,0	5000,0 - 100,0	100,0 - 200,0	200,0 - 500,									



/Geological signs see on the map of profiles!

Norges Geologiske Undersøkelse
Bergarkivet
Rapport nr.: 6618-01

0 20 40 60 80

Stykkantall	
Kartotek-kort nr.	Forandring
Bestilt	
Avdeling og eller gruppe	
Benyttet:	
	AVD
	Grup
	Unde
	Delar

Pos nr.	Materiale	Emnemål — Modell nr.	Netto Vekt	Merknad	
Dato	Sign.	Forandringer C:		Dato	
		B:			
		A:			
tillatelse kopieres, benyttes eller gjøres tilgjengelig for andre. en er ansvarlig for ethvert misbruk.					
er angitt etter fastsette nr. med kotehøyde					
de mål som er angitt uten toleranser.					
	6-30	30-100	100-300	300-1000	>1000
05	± 0,1	± 0,15	± 0,2	± 0,3	± 0,5
1	± 0,2	± 0,3	± 0,5	± 0,8	± 1,2
2	± 0,5	± 0,8	± 1,2	± 2,0	± 3,0
Målestokk		Dato	Navn	Toleransegruppe ISO	
1:1000		Tegn. 22.767	M.TARTER	Erstatn. for:	
Kontroll		Godkj.		Geology by : Bojan Ogorelec stud. B. Ogorelec	
FORSA:		CHRISTIANIA SPIGERVERK DERA OG STALVERK		Erstatet av:	

Tilhørende tegninger
Tegning nr.
nål (Eks. 104,2) kontrollmåles og påføres ved innrammingen på en sm returneres Christiania Spigerverk for godkjenning for levering. fratar ikke leverandøren ansvaret for øvrige mål og spesifikasjoner.