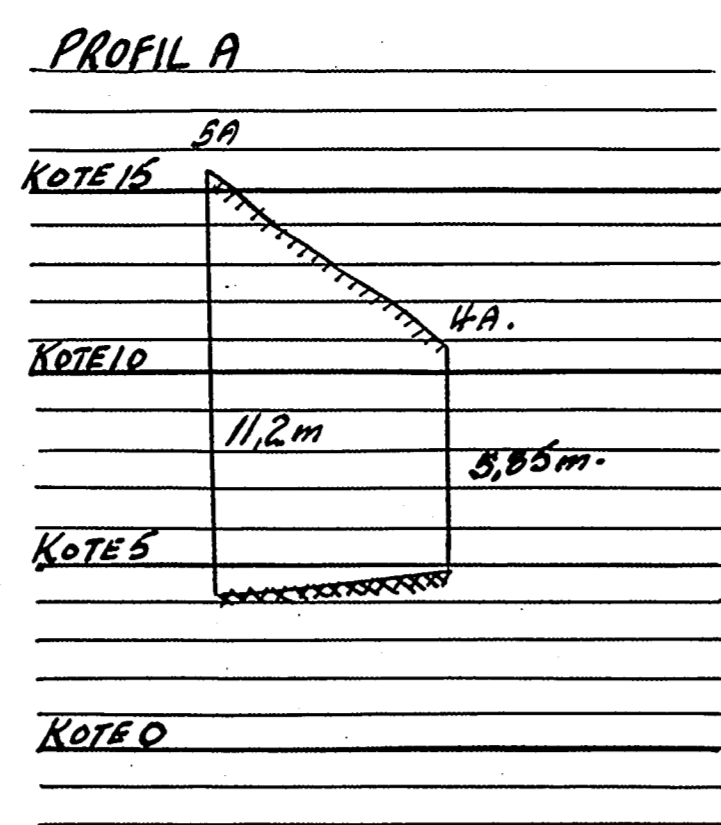
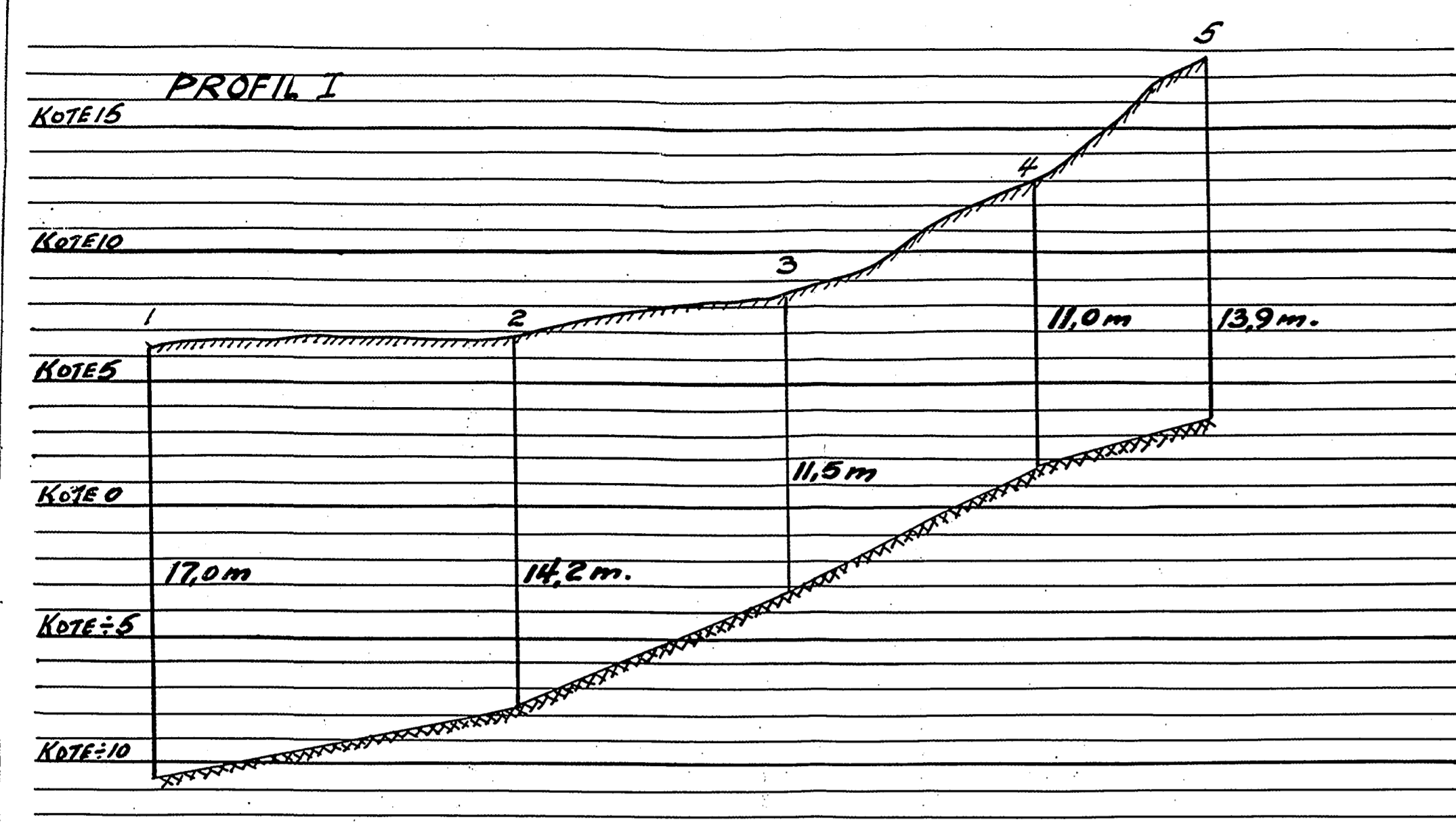
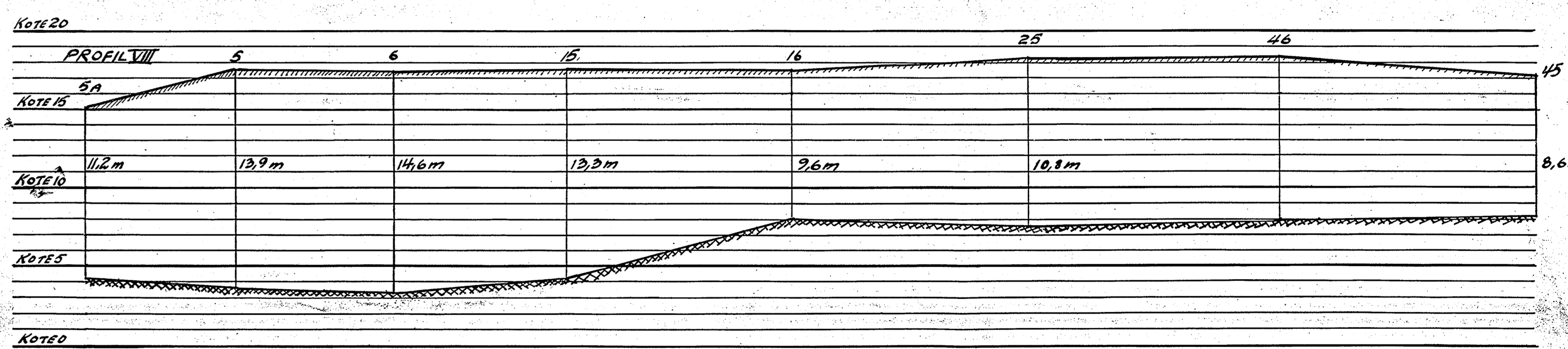
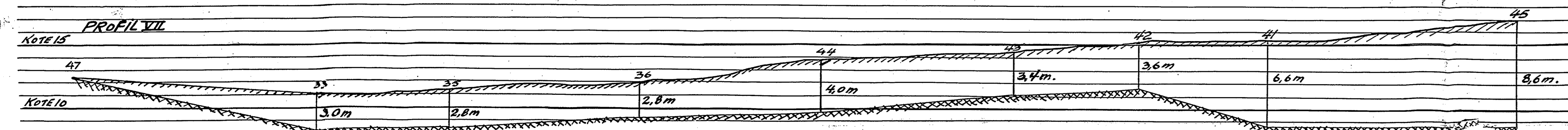
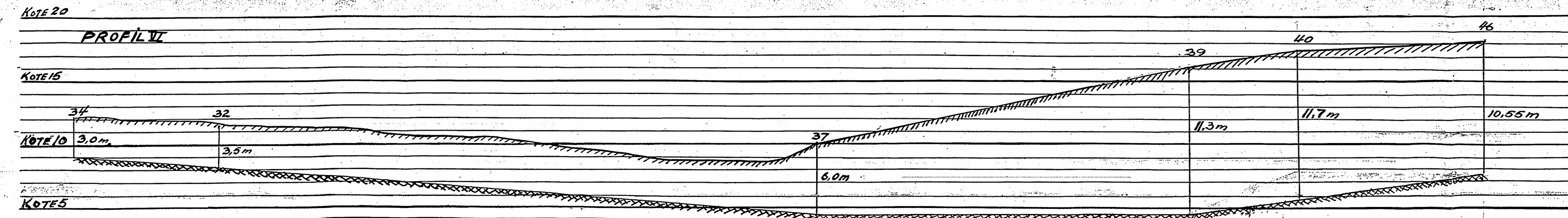
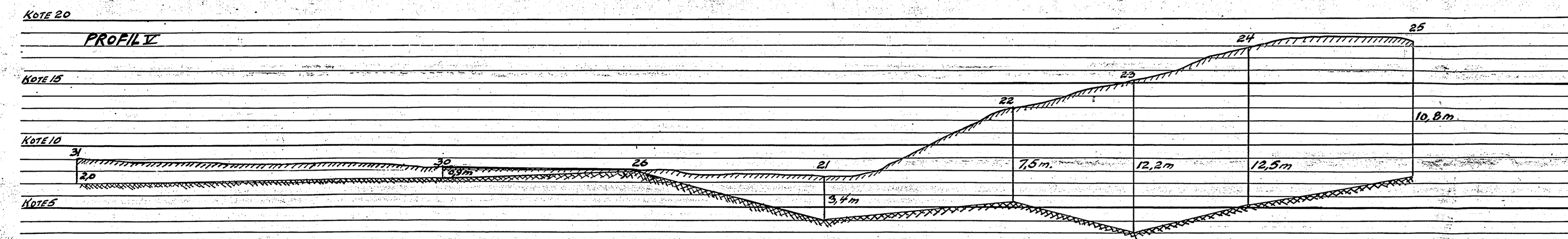
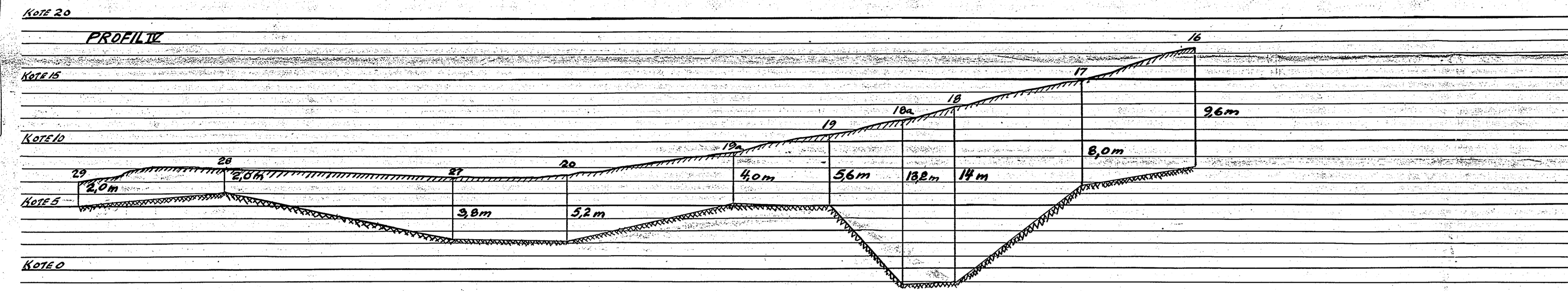
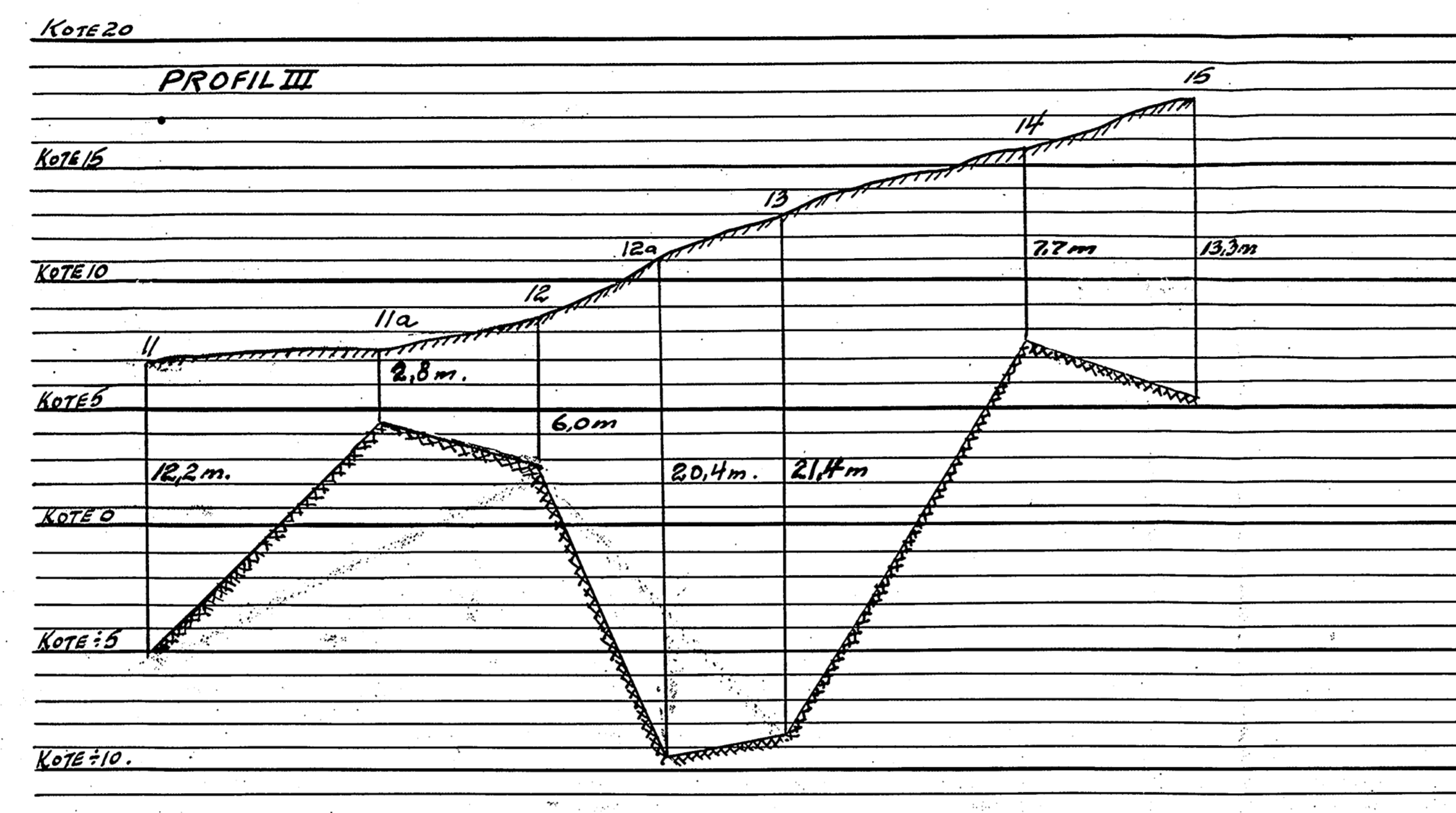
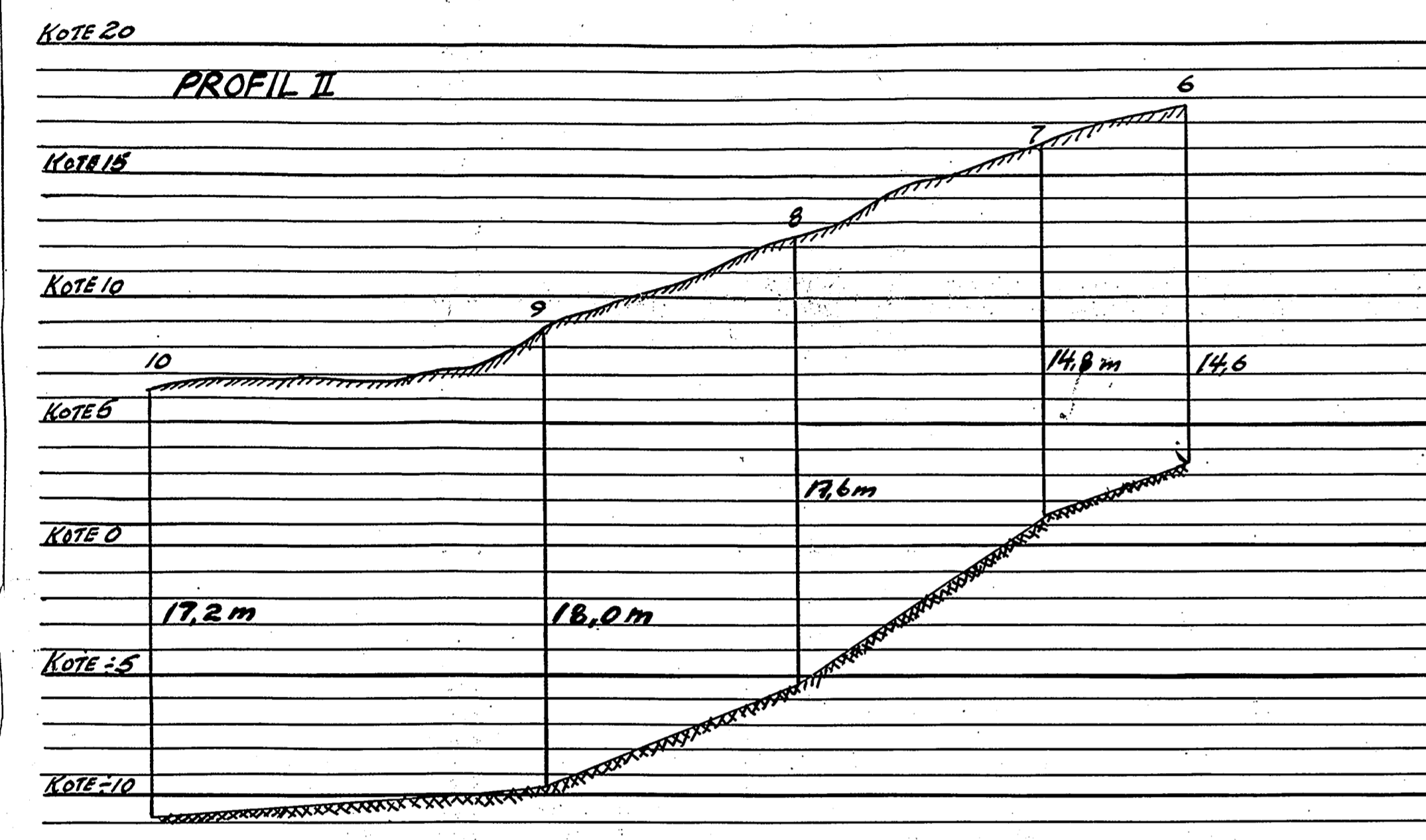
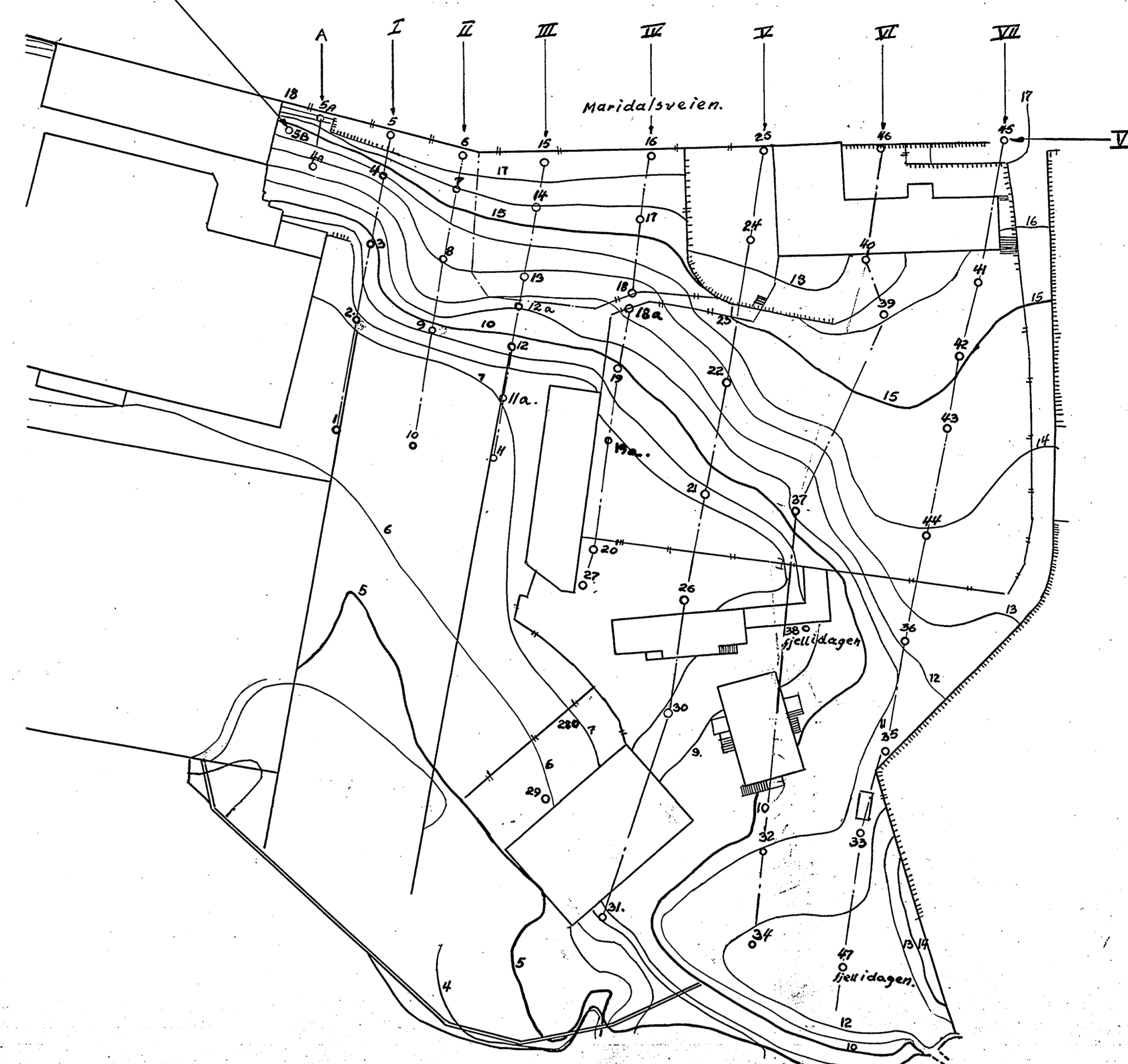


\* NOC 2 IV Knoph 8070  
Hugo Ellefsen m.fl

^  
"VULKAN"



TERRENGHÖJDE = 14,7 m  
 BORHULLS DYBDE = 10,10 m

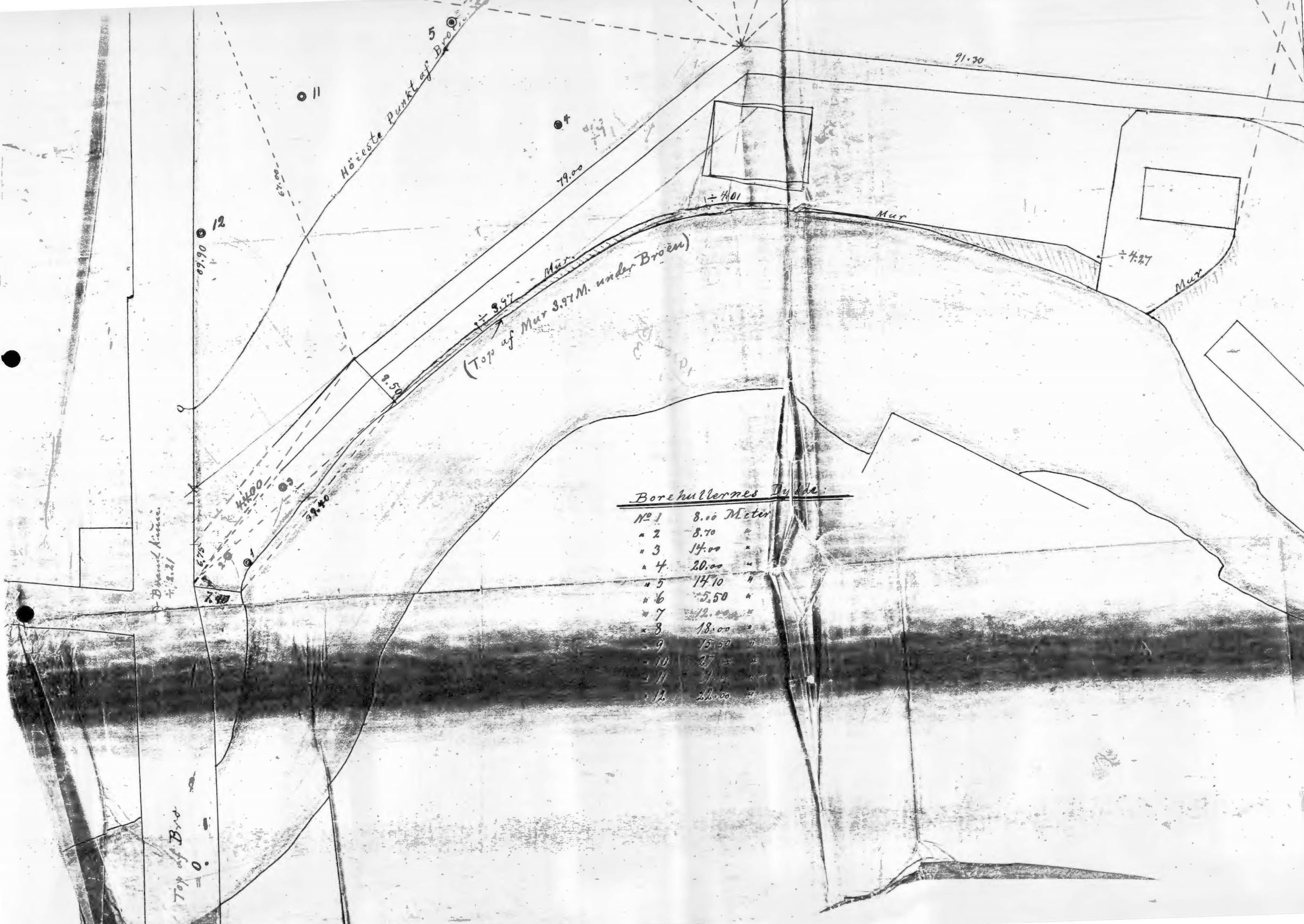


Også andre firmor.  
 Bl.a. Tolsby og  
 Høyen-Ellefsen

8/2-1953

GRUNNBORINGER PROFILER		Skala: 1/200	Tegn: 1/500
/ING KNOPH JUNI 1953		Godkj: Rettet:	Erst. for: Erst. av:
1/5 VULKAN OSLO		8078	





Bronn Kasse  
 4.21

Top of Bro  
 = 0.

Borehullernes Dybde

N <sup>o</sup> 1	8.00 Meter
" 2	8.70 "
" 3	14.00 "
" 4	20.00 "
" 5	14.70 "
" 6	5.50 "
" 7	12.00 "
" 8	18.00 "
" 9	15.00 "
" 10	27.00 "
" 11	21.00 "
" 12	22.00 "



And jil = storvul. paf

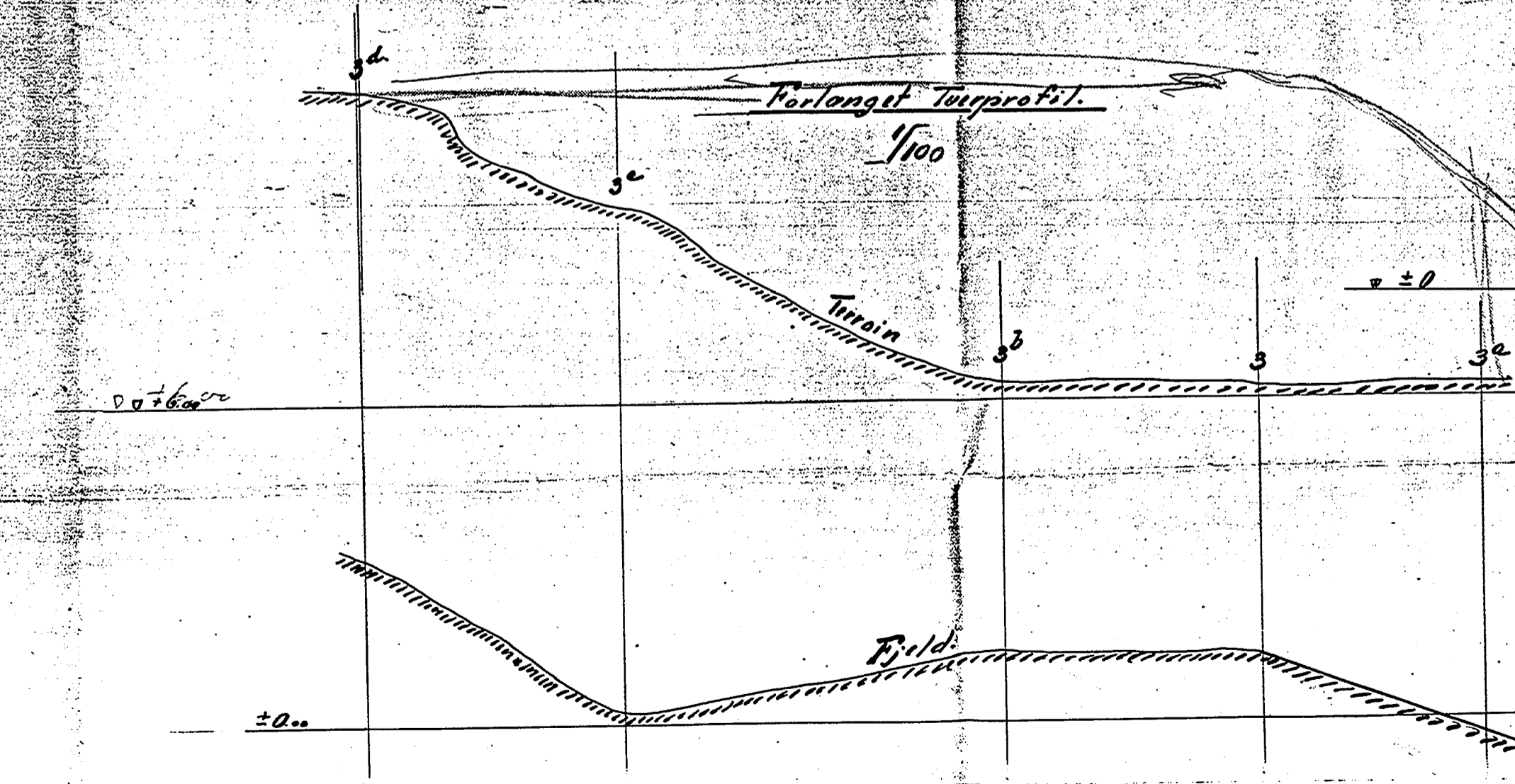
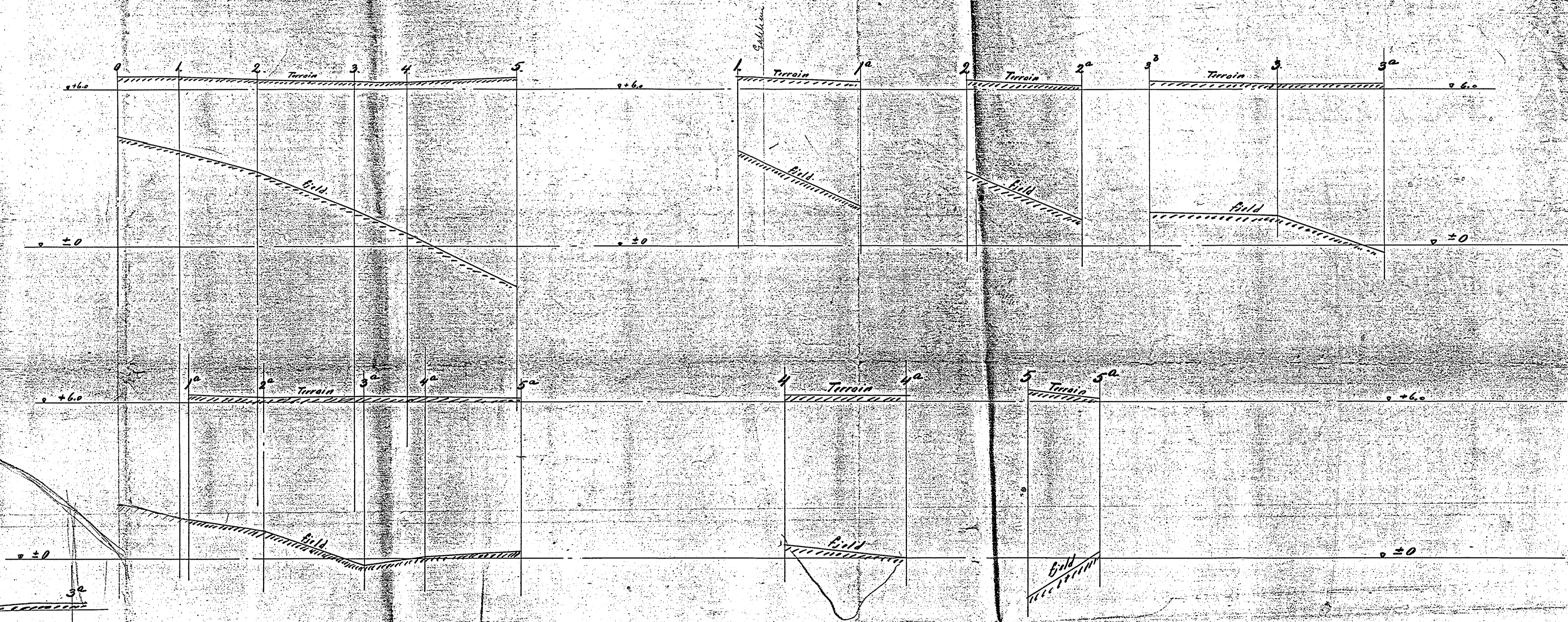
Boringer paa Udrensningstedet i Maridalsvæn.



Plan 1:200

Længdeprofiler 1:100.

Tverprofiler 1:100.

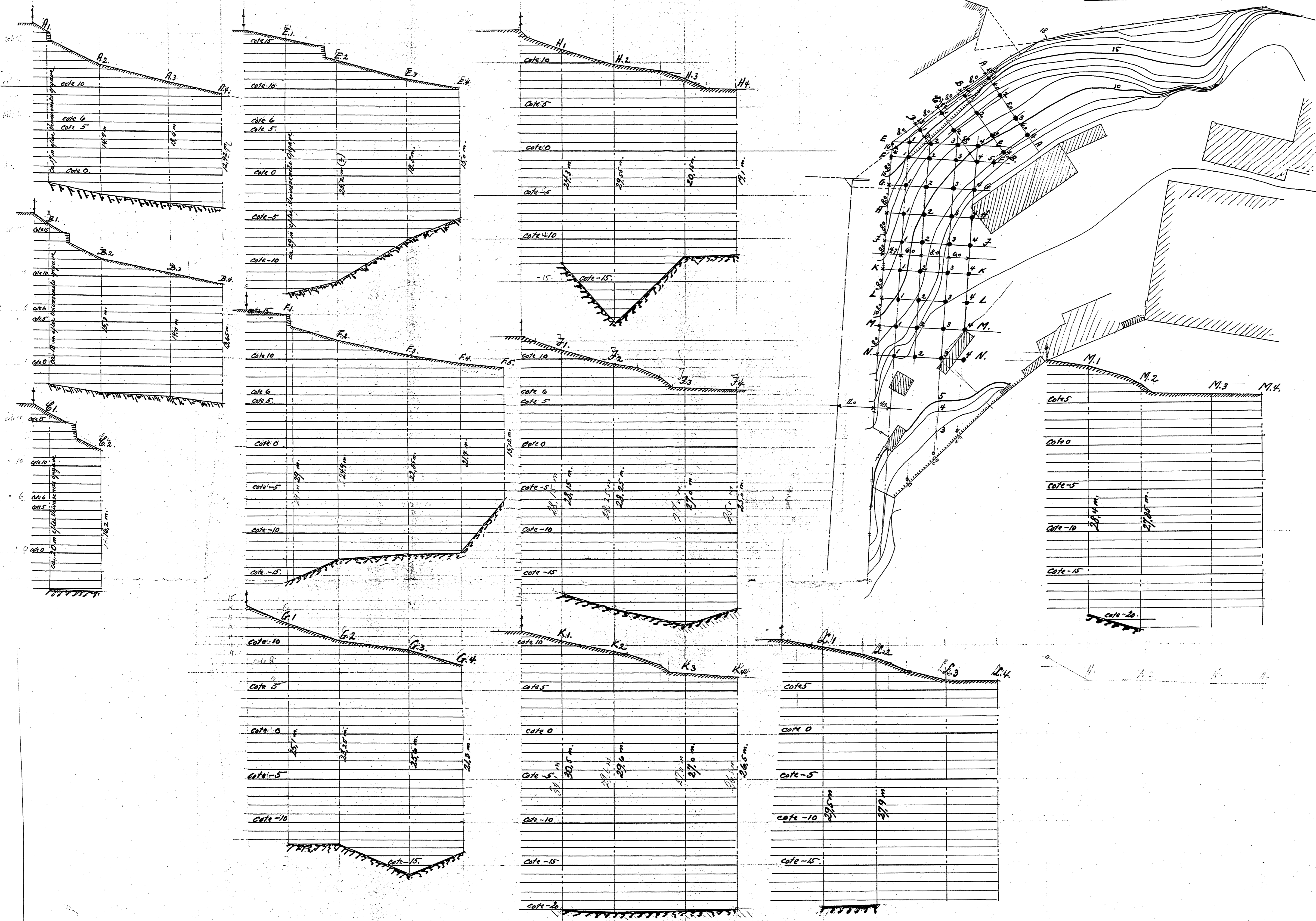


Boringar utfört med Vändbor i april-mai 1931.

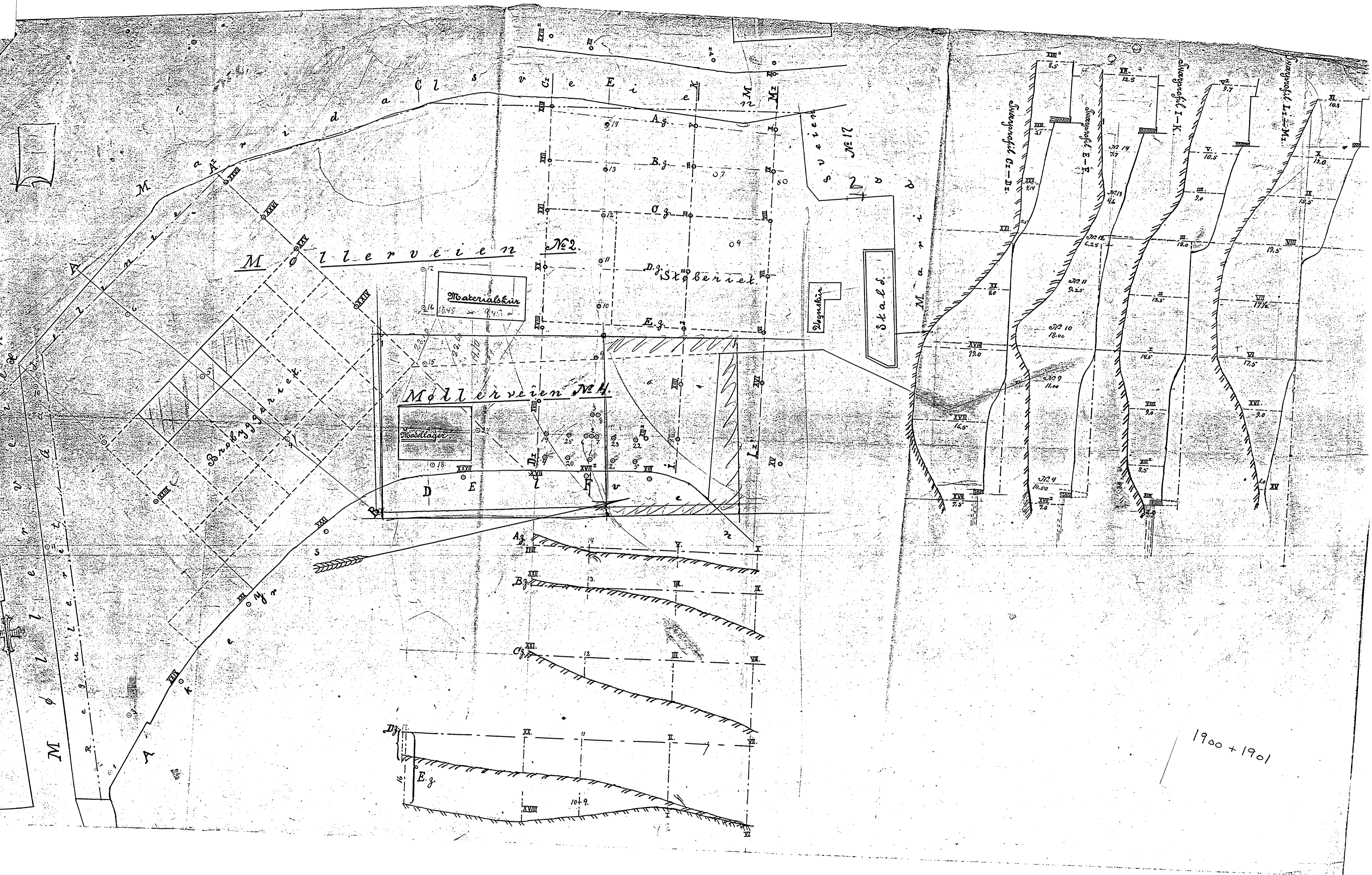
1/200.

Situation 100

1931. shp



THE STANDARD TRACING CO. TRACING OLD



1900 + 1901







# GRUNDUNDERSØGELSER

udførte ved

Stenersen & Høyer-Ellefsen paa Tomt

*Vulkan.*

Antal Omdreininger for at bringe Boret til at synke  $\frac{1}{2}$  Meter ved en Belastning, B, i Kg.

Hul No. 10	B	Hul No. 11	B	Hul No. 12	B	Hul No. 13	B	Hul No. 14	B	Hul No. 15	B	Hul No. 16	B	Hul No. 17	B	Hul No. 18	B	Anmærkninger.
40	220	52	220	40	220	25	220	10	220	50	220	30	220	20	220	.	.	
<del>36</del>	<del>61</del>	<del>31</del>	<del>20</del>	<del>25</del>	<del>63</del>	<del>31</del>	<del>18</del>	<del>16</del>	<del>10</del>	<del>10</del>	<del>10</del>	<del>10</del>	<del>10</del>	<del>10</del>	<del>10</del>	<del>10</del>	<del>10</del>	<i>Skiste</i>
<del>20</del>	<del>20</del>	<del>18</del>	<del>10</del>	<del>10</del>	<del>15</del>	<del>25</del>	<del>10</del>	<del>15</del>	<del>25</del>	<del>10</del>	<del>10</del>	<del>10</del>	<del>10</del>	<del>10</del>	<del>10</del>	<del>10</del>	<del>10</del>	<i>16. 0.7m</i>
<del>12</del>	<del>15</del>	<del>20</del>	<del>21</del>	<del>27</del>	<del>20</del>	<del>5</del>	<del>11</del>	<del>11</del>	<del>11</del>	<del>11</del>	<del>11</del>	<del>11</del>	<del>11</del>	<del>11</del>	<del>11</del>	<del>11</del>	<del>11</del>	
11	19	20	24	43	25	6	11											
12	22	18	26	32	47	7	12											
14	27	13	16	27	18	20	14											
20	32	11	14	14	18	21	14											
38	23	5	14	16	22	20	12											
29	19	5	<del>39</del> 46	12	18	10	47											
29	21	5	<i>Fjeld.</i>	16	18	11	<i>Fjeld.</i>											
28	19	6		11	16	8												
26	18	<del>40</del> 25		15	16	8												
29	15	<i>Fjeld.</i>		11	16	10												
27	15			11	15	11												
23	15			<del>40</del> 7.7m	14	15												
25	14			<i>Fjeld.</i>	14	16												
25	22				15	5												
24	<del>60</del> 2.25				15	5												
27	<i>Fjeld.</i>				14	4												
21					14	4												
21					12	3												
21					13	3												
25					15	4												
25					12	2												
24					13	2												
28					17	2												
19					17	5												
19					16	6												
22					16	35												
20					<del>40</del> 15.1m	<i>Fjeld.</i>	<i>Fjeld.</i>											
35																		
20																		
21																		
21																		
42																		
<i>Fjeld.</i>																		

Stenersen & Høyer-Ellefsen.

*M. Holte*

# GRUNDUNDERSØGELSER

udførte ved

**Stenersen & Høyer-Ellefsen** paa Tomt

*Violen*

Antal Omdrejninger for at bringe Boret til at synke  $\frac{1}{2}$  Meter ved en Belastning, B, i Kg.

Hul No. 19	B	Hul No. 20	B	Hul No. 21	B	Hul No. 22	B	Hul No. 23	B	Hul No. 24	B	Hul No. 25	B	Hul No.	B	Hul No.	B	Anmærkninger.
42	320	25	220	32	320	22	220	15	220	25	220	23	220					
67		41		53		42		20		34		31						
82		33		50		22		14		27		25						
65		<i>Skidte</i>		35		31		44		46		29						
70		<i>paa for. hindring</i>		45		65		32		40		52						
<i>Skidte</i>		<i>paa for. hindring</i>		<i>Skidte</i>		<i>Skidte</i>		41	320	27		<i>Skidte</i>						
<i>ge</i>		<i>ge</i>		<i>paa for. hindring</i>		<i>paa for. hindring</i>		38	220	25		<i>paa for. hindring</i>						
				<i>ge</i>		<i>ge</i>		30		26								
								27		22								
								27		22								
								33		26								
								29		22								
								29		22								
								30		14								
								30		13								
								30		13								
								51		37								
								<i>Fjeld!</i>		12								
										11								
										11								
										9								
										14								
										18								
										17								
										17								
										16								
										21								
										26								
										20								
										20								
										19								
										38								
										<i>15,8m</i>								
										<i>Kann ikke dybere dug ikke fjeld</i>								

Stenersen & Høyer-Ellefsen  
*M. Hoel*

Wellerne er paa Kartet anbragte i Hæd.

**III GRUNDUNDERSØGELSER**  
 N. D. J. 1866-1901  
 11185.

udførte ved

**Stenersen & Høyer-Ellefsen** paa Tomt

*Outkan.*

Dybde i Meter.	Antal Omdreininger for at bringe Boret til at synke 1/2 Meter ved en Belastning, B, i Kg.																Anmær		
	Hul No. 1	B	Hul No. 2	B	Hul No. 3	B	Hul No. 4	B	Hul No. 5	B	Hul No. 6	B	Hul No. 7	B	Hul No. 8	B		Hul No. 9	B
0-1/2	150	220	22	220	40	220	50	220	30	220	30	220	40	220	50	220	62	220	
1/2-1	100	"	25	"	90	"	88	"	62	"	40	"	30	"	46	"	62	"	
1-1 1/2	62	"	25	"	39	"	23	"	23	"	62	320	25	"	50	320	9	"	
1 1/2-2	49	"	60	"	60	"	40	"	19	"	Skide	30	320	Skide	14	"			
2-2 1/2	43	"	Skide		1,2m		40	"	34	"	paa for	1,7m		paa for		14	"		
2 1/2-3	37	2,7m	paa for		Skide		82	320	67	"	hindring	Skide		hindring		28	"		
3-3 1/2	Skide		hindring		paa for		60	220	28	"	ger.	paa for		ger.		66	"		
3 1/2-4	paa for		ger.		hindring		40	"	21	"	ger.	hindring		ger.		57	"		
4-4 1/2	hindring				ger.		34	"	35	"		ger.				47	"		
4 1/2-5	ger.						50	320	34	"						40	"		
5-5 1/2							47	"	33	"						37	"		
5 1/2-6							29	220	26	"						48	"		
6-6 1/2							77	320	18	"						38	"		
6 1/2-7							47	"	18	"						45	"		
7-7 1/2							21	"	22	"						48	"		
7 1/2-8							38	"	66	320						48	"		
8-8 1/2							66	"								47	"		
8 1/2-9							35	"								47	"		
9-9 1/2							34	"								43	"		
9 1/2-10							27	220								47	"		
10-10 1/2							46	320								45	"		
10 1/2-11							Kan ik.									42	"		
11-11 1/2							ke dybde									Kan ikke			
11 1/2-12							dog ikke									Dybde			
12-13							Fjeld									Fjeld			
13-14																			
14-15																			
15-15 1/2																			
15 1/2-16																			
16-16 1/2																			
16 1/2-17																			
17-17 1/2																			
17 1/2-18																			
18-18 1/2																			
18 1/2-19																			
19-19 1/2																			
19 1/2-20																			

Stenersen & Høyer-Ellefsen

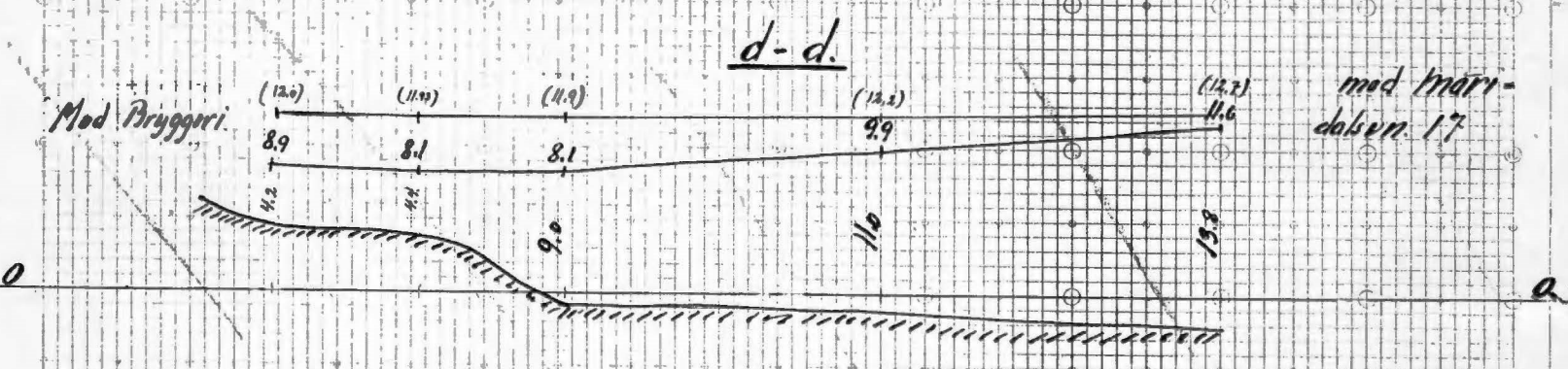
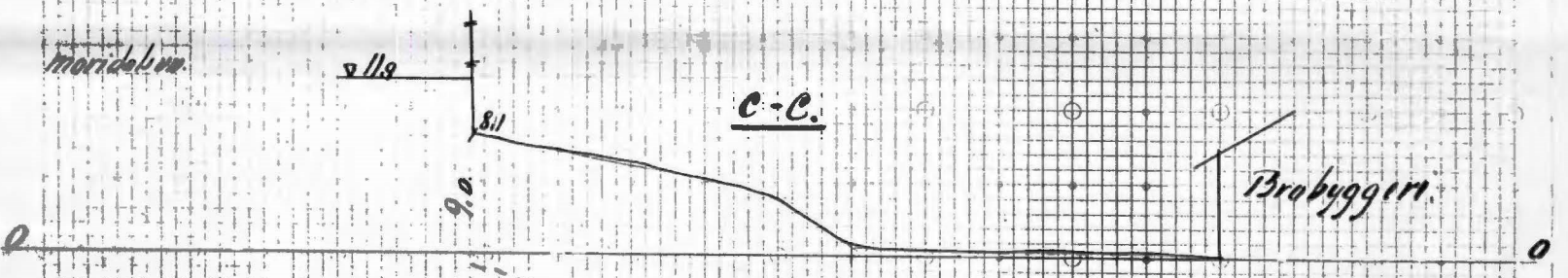
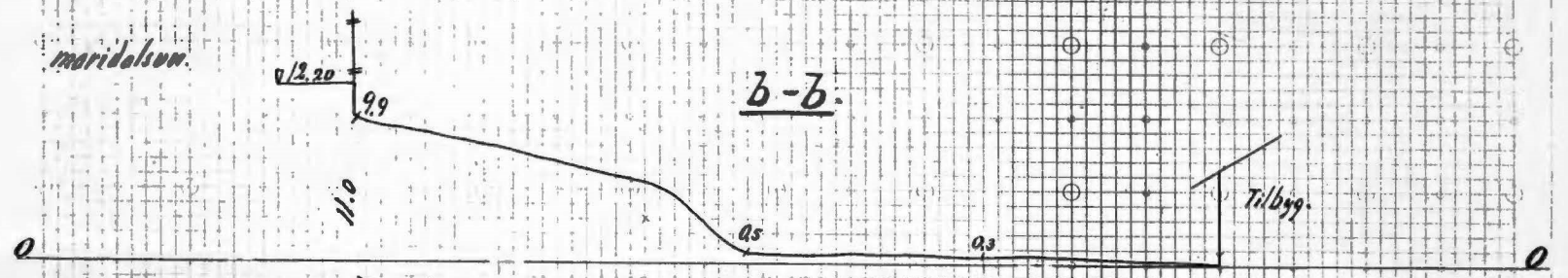
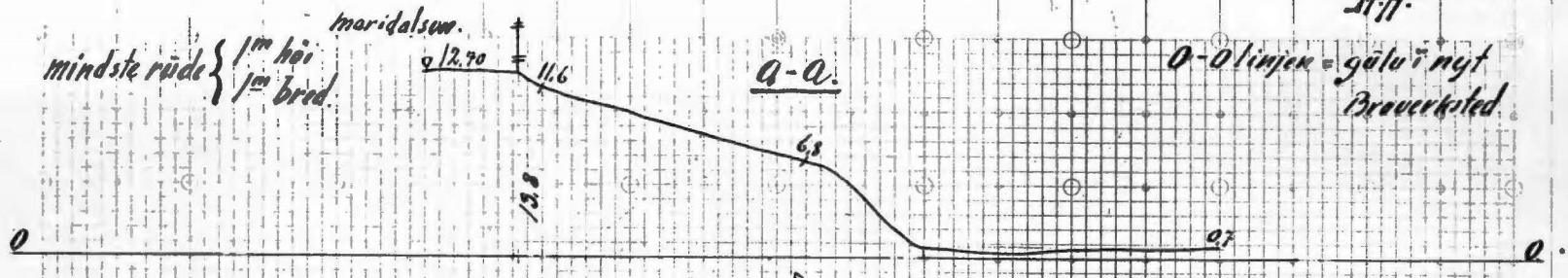
*M. 6*



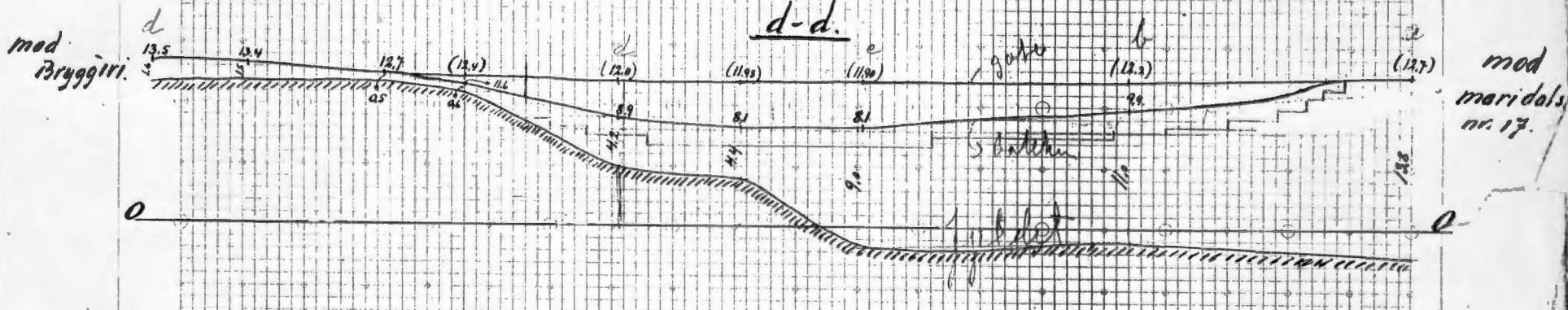
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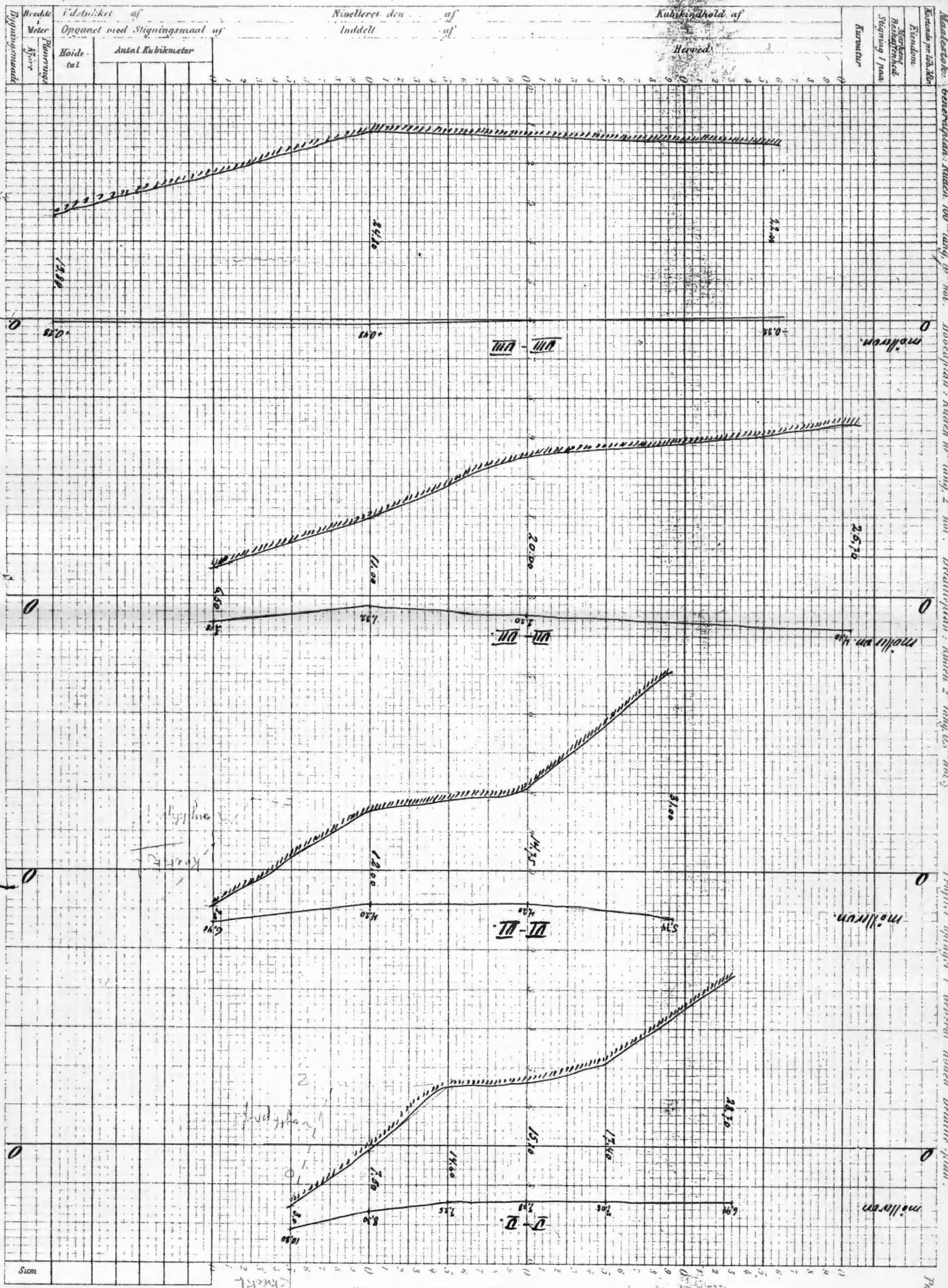
# Boinger for nyt Sköperi.

Utkom 24-11-09  
55H.



Tallene i ( ) betegner gadelinjern.





Prof. No. 1  
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 Prof. No. 3  
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 Prof. No. 6  
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 Prof. No. 100



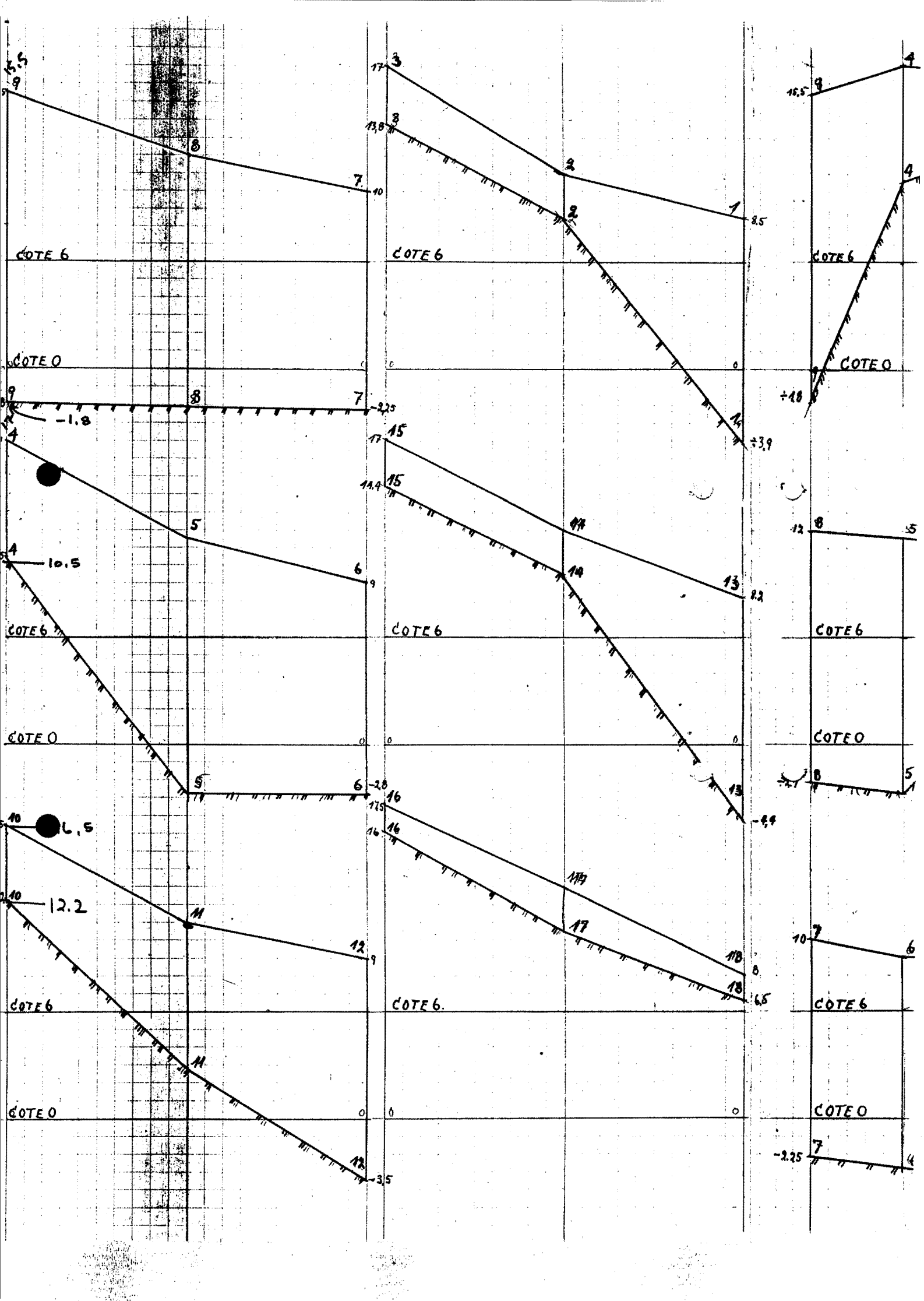


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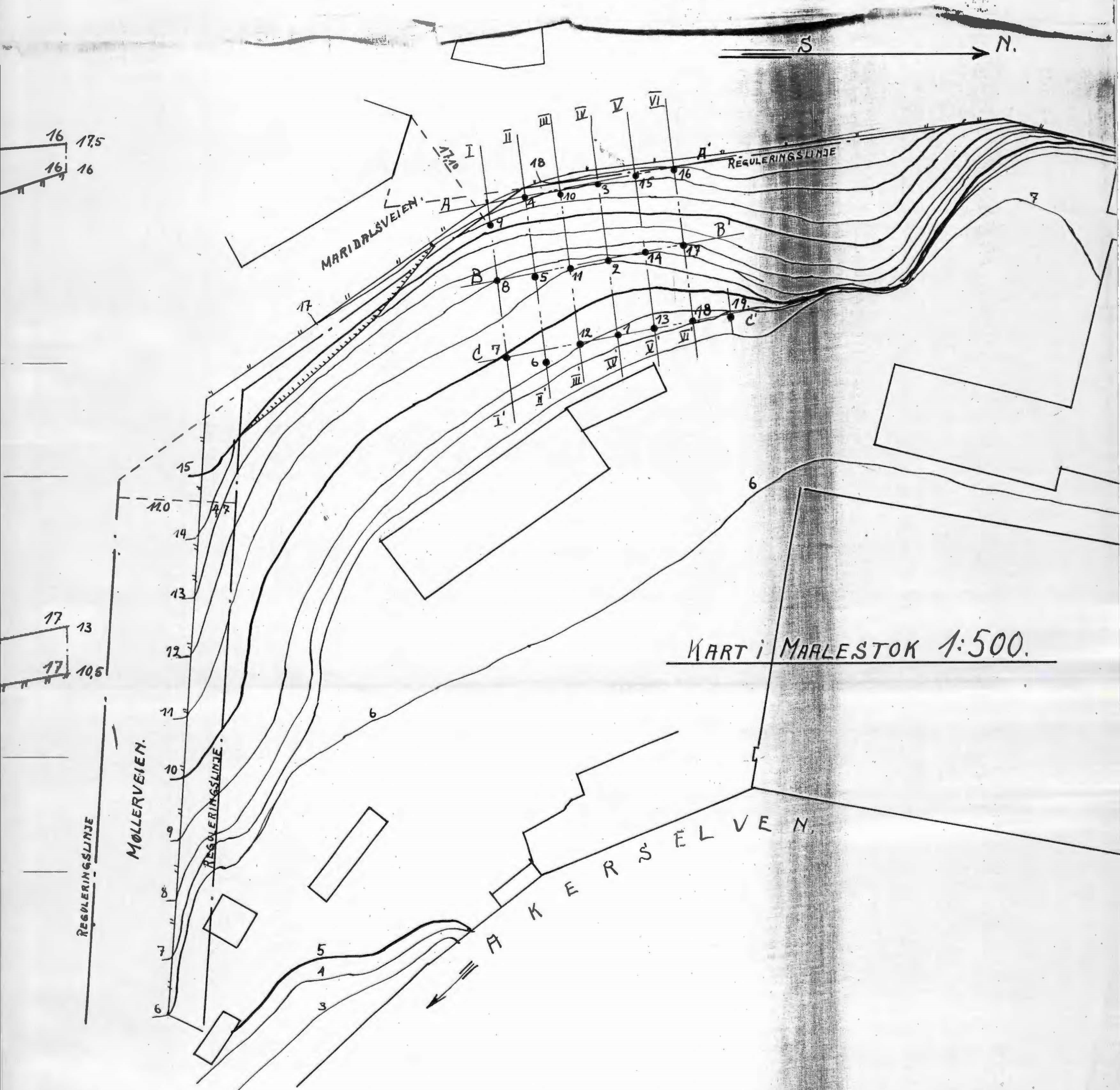












KART I MÅLSTOK 1:500.

GRUNDBORINGER PÅ  
MØLLERVEIEN NO 2 FOR  
PROJEKTERET GARAGE  
M=1:200.

VULKAN. DEN 15-V-30.

GRA

Vulkan Jernstøberi & Mek. Værksted

Grundboringer for Broværksted.

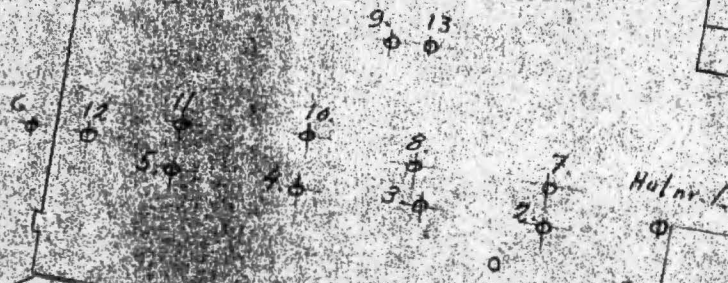
11-750

SE Boringskema.

Maridalsveien

Regulert linje

1930 B



← Altersølv. →



# GRUNDUNDERSØKELSER

UTFØRT VED

*As Hoyer-Ellesen*  
ENTREPRENØRFØRRETNING OSLO

ANBEFALES OG  
TIL UTFØRELSE  
AV ALLE SLAGS  
FUNDAMENTERINGS  
ARBEIDER:  
GRAVING  
SPRÆNGNING  
PÆLNING  
BETONSTØPNING  
GATEOPARBEIDELSE  
ETC. ETC.

SPECIALTET:  
ARMERTE BETON-  
KONSTRUKTIONER  
FUNDAMENTER  
PÅ LØS GRUND  
BYGNINGER  
GULVER  
TAKER  
TRAPPER  
ETC. ETC.

vedrørende *Proverksted for Vulkan Jernstøberi & Mek. Værksted.*

DYRDE I METER	ANTAL OMDREININGER FOR AT BRINGE BORET TIL AT SYNKE 1/2 METER VED 240 KG. BELASTNING.													ANMERKNINGER
	HUL No. /	2	3	4	5	6	7	8	9	10	11	12	13	
0-1/2	0	0	0	0	0	0	0	0	0	0			0	
1/2-1	3	12	1	5	7	3	0	9	18	7			50	
1-1 1/2	0	7	3	1	3	2	0	3	0	1			5	
1 1/2-2	6	6	61	4	3	3	0	3	0	7			2	
2-2 1/2	56	8	10	6	44	0	59	1	0				12	
2 1/2-3	60+50	55	0+50	63+50	41+50	26	66	6	0				14	
3-3 1/2	56				19	43+50	41+50	3					5	
3 1/2-4	75+50					60+50		3+50					10+50	
4-4 1/2														
4 1/2-6														
5-5 1/2														
5 1/2-6														
6-6 1/2														
6 1/2-7														
7-7 1/2														
7 1/2-8														
8-8 1/2														
8 1/2-9														
9-9 1/2														
9 1/2-10														
10-10 1/2														
10 1/2-11														
11-11 1/2														
11 1/2-12														
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16 1/2-17														
17-17 1/2														
17 1/2-18														
18-18 1/2														
18 1/2-19														
19-19 1/2														
19 1/2-20														

Med betegnelse field menes fjell, sten eller anden haard gjenstand, der forhindrer yderligere synkning.

3,0 m til fjell.

4,0 m "

3,0 m "

2,9 m "

2,9 m "

4,0 m "

3,5 m "

3,1 m "

3,8 m "

2,25 m "

2,60 m "

4,35 m "

3,80 m "

Slagbor

" "

" "

3/4 30

Alle grundberinger og grundundersøkelser tilfjæresketch ansvar for os.

# GRUNDUNDERSØKELSER

UTFØRT VED

*As Høyer-Ellefsen*  
ENTREPRENØRFORRETNING OSLO

SPECIALITET:

ARMERTE BETON-  
KONSTRUKTIONER  
FUNDAMENTER  
PÅ LØS GRUND

BYGNINGER  
GULVER  
TAKER  
TRAPPER  
ETC. ETC.

ANBEFALES OG  
TIL UTFØRSELSE  
AV ALLE LAGS  
FUNDAMENTERINGE  
ARBEIDER  
GRAVING  
SPRÆNGNING  
PÅLNING  
BETONSTØPNING  
GÅTROPARBEIDELSE  
ETC. ETC.

vedrørende *Drøverksted for Vulkan Jernstøberi & Mek. Værksted.*

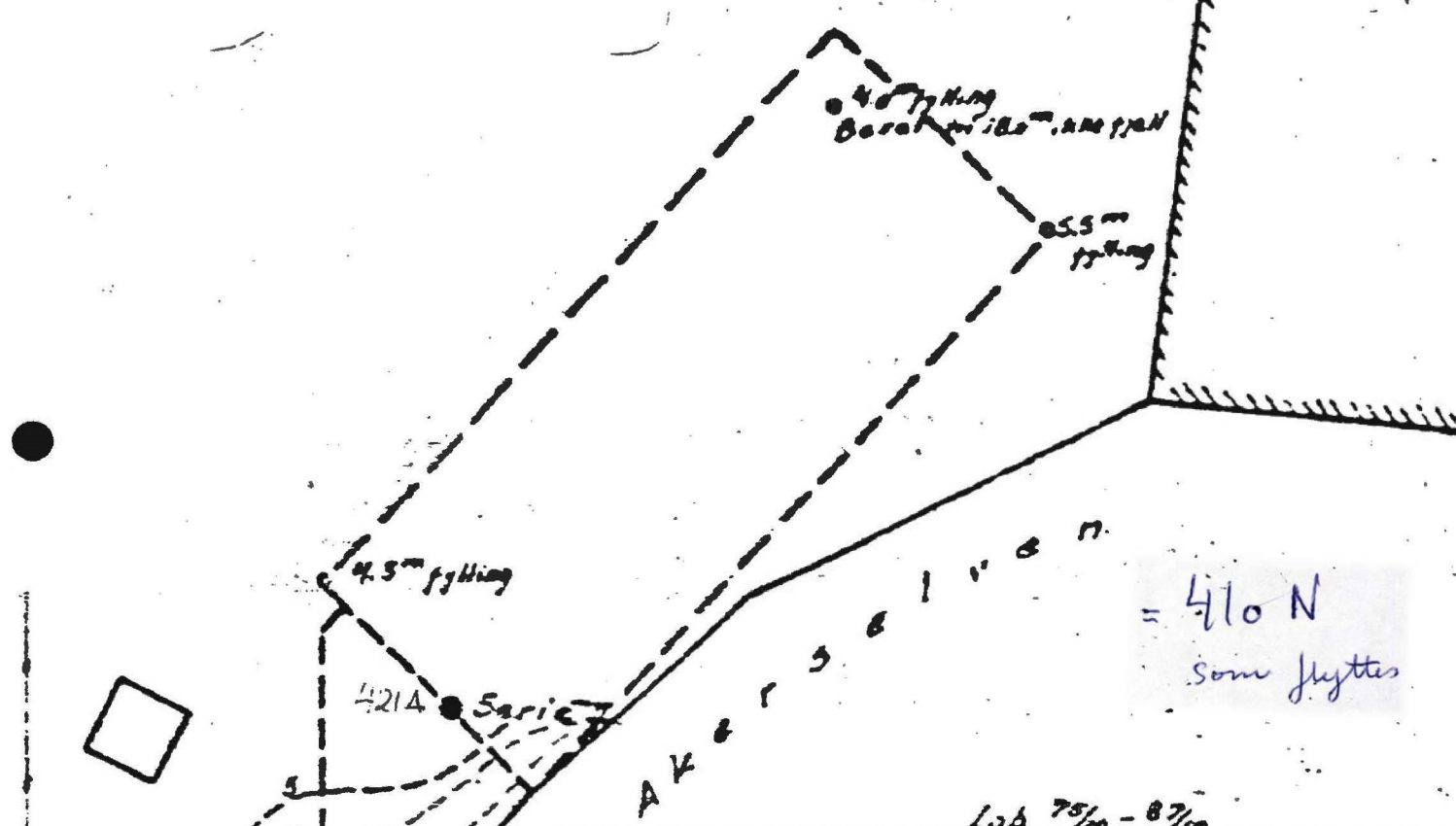
DYBDE I METER	ANTAL OMDREJNINGER FOR AT BRINGE DØRET TIL AT SYNKE 1,2 METER VED 240 KG. BELASTNING.													ANMERKNINGER		
	HULL No. 1	2	3	4	5	6	7	8	9	10	11	12	13			
0-1/2	0	0	0	0	0	0	0	0	0	0			0			
1/2-1	3	12	1	5	7	3	0	9	18	7			50			
1-1 1/2	0	7	3	1	3	2	0	3	0	1			5			
1 1/2-2	6	6	6	4	3	3	0	3	0	7			2			
2-2 1/2	56	8	10	6	44	0	59	1	0				12			
2 1/2-3	60+50	55	0+50	63+50	41+50	26	66	6	0				14			
3-3 1/2	56				19	43+50	41+50	3					5			
3 1/2-4	73+50					60+50			3+50				10+50			
4-4 1/2																
4 1/2-5																
5-5 1/2																
5 1/2-6																
6-6 1/2																
6 1/2-7																
7-7 1/2																
7 1/2-8																
8-8 1/2																
8 1/2-9																
9-9 1/2																
9 1/2-10																
10-10 1/2																
10 1/2-11																
11-11 1/2																
11 1/2-12																
12-12 1/2																
12 1/2-13																
13-13 1/2																
13 1/2-14																
14-14 1/2																
14 1/2-15																
15-15 1/2																
15 1/2-16																
16-16 1/2																
16 1/2-17																
17-17 1/2																
17 1/2-18																
18-18 1/2																
18 1/2-19																
19-19 1/2																
19 1/2-20																

Med betegnelsen fjeld menes fjeld, sten eller anden haard gjenstand, der forhindrer yderligere synkning.

VULKAN 1/2

Grunnundersøkelser

M = 1:500



Lab 75/70 - 87/70

dyb m	V	F	H <sub>1</sub>	H <sub>2</sub>	K	O	pH	Anm.
0.5								Konsslag
1.0								---
1.5								Finnesand, kalk
2.0								Rottent org. stoff
3.0								Elektrolyse
4.0	465	39	37	158	37		7.5	Leire
5.0	535	57	32	163	38		7.5	Leire
6.0	538	58	21	184	42		7.5	Leire
7.0	480	43	28	152	32			Leire
8.0	466	37	26	190	34			Leire
9.0	428	42	24	117	29			Leire
10.0	468	57	28	132	3.2			Leire

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Bogn. nr. 277  
metall. 1 JULI 1932 72

Oslo 2/11 - 1941

P. Ryghed

1/11 - 42 Topping nr 827