

BORRHULL 1 C.

PLANLAGT	HULL	X	Y	Z	θ	Length
P S1140	S114E	1140	830	695	⁴⁶⁵ 40-41°	135m
	S114F	1140	815	619	10-20°	75m
	S114G	1140	815	619	32°	75m
P S1020	S102F	1020	844	681	+11°	8m
	S102E	1020	834	681	0°	15m

S1040

S1060

S1080

S1090

C - FOREKOMSTEN.

UTGANGSPUNKTET FOR DEUNE MODELLER AV C-FOREKOMSTEN. ER:

- BORHULLS DATA, (GAMLE LOGGAR)
- PROFILTOLKNINGAR (AV FRANK TILICARRIAR)
- KART I DAGBRUDET.
- OBSERVASJONER AV SMASKALT SKJERSONE STRUKTUR

TEORI

SKJERSONETEORI → S-C BÅND OG ECC1/ECC2.
 SKJERSONENE OG DE SPESIFIKT ECC1 STRUKTURANE VIL
 REPRESENTERA SONER MED HOG PERMEABILITET, SOM
 GIR ROM FOR GRUNNOMSTRØYNING AV VESKER,
 I TILLEGG VIL DEI OG REPRESENTERA SVAKE SONER.
 SOM SYN-TAKTONISKE DIABASER KAN INTRUDERA
 LANGS.

ANDRE ASPEKT SOM EG HAR ØRUD Å TA OMSYNTIL.

- 1) OKSYDASJONS FRONTER, ER OFTE "MINERALISERT",
 OG KAN GJE GRAFITFELLEN EIT "KONKRETT ARTIGT" PÅ
 I ALBITITFELLS, UT FRA AT OKSYDERINGA ER EIT
 RESULTAT AV VESKE GRUNNOMSTRØYNING, SOM FOREGÅR
 LANGS KNUSSHJESONER (SKJERSONER), ER DEI OKSYDANTE
 OMRÅDA SET PÅ SOM MOGELIGE SKJERSONER.
- 2) DIABAS INTRUSJONANE, SOM OFTE ER OMM. OG ALBITIT
 FOL SVAKESONER ~) SKJERSONER.

DET GENERELLE KONTAKTET SOM KJEM FRAM ER SOM

SYNT I SKISSE

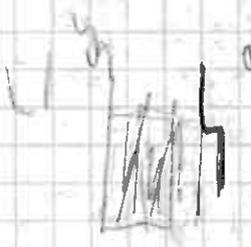


HOG OG LIGG REPRESENTERER
 TO RIGIDE PLATER MED
 GRAFIT-DOMMINANTE BA IMBESONER
 SOM ER MINDRE KOMPRESST,
 DERFOR VERT STRAINET KONTAKTET
 I DENNE SONA.

FORKLARING
 TIL
 SKJERSONE MODELL
 OVER C-BRUK
 TRANSPARANG.

MOGELIG
 OKSYDASJON
 RUNDT KNUSSHJESONER

I MODELLEN ER DET IKKE TAT OMSYN
GIL SÅNAR FOLDING. DETTE FORDI:



- 1) DET ER INGEN INDIKASJONER PÅ
STORRE FOLDING I HOVEDBRUPPET
BORTSETT FRA RYGGEN MELLOM
DET VESLE BRUPPET OG VEGGEN NED
TIL HOVEDBRUPPET. MEN HER ER DET
HOVDSAKLIG GRAFITDOMINERT, (INNE OG
MARKER I OMRADET.)
- 2) BORE DATAEN I NØRHELD SPARSOMBLEG
MED STRUKTUR DATA, OG OFTE ER DET
UKLART KVA TYPE PLANSTRUKTURER
SOM ER MÅLT.

MODELLEN ER DELT INN I TRE TYPER
SPANSORANGER.

- 1) BOREHULL M/ LOGGPATA.
SANT ANALYSE RESULTAT DER DET FINES
- 2) GEOLOGISKE TOLKINGS MODEL.
- 3) SKJERSONESYSTEMET, BASERT PÅ
2) SANT DEI TIDLIGARE NEVNDE
IDEANE OMKRING SKJERSONER I
DETTE OMRADET.

DRUPPKART

DETTE ER HOVDSAKLIG BASERT PÅ
KART LÆGGING I BRUPPET, MEN
DET ER OG TRAKT INN INFORMASJON
FRA BOREHULL.

ORS. PÅ GRUNN AV PROJEKSJON AV
VEGANE I BRUPPET, KAN KARTET
GJEA TILSYNBLETANDE FEIL TJUKKLEIK
PÅ DEI ULIKE BA. LAGA,

↓
DIFOR ER PROFILA I MODELLEN
MEIR Å STOLA PÅ M.H.P. DETTE

STRÅLINGS KART.

HENG PÅ VEGGEN.
EG HAR OGSÅ HENTT OOP KART OVER
SATILITT C.
DATAENE FRA MÅLINGANE LIGG
I DENNE PERMEN.
MÅLINGANE ER FORBATTI KVAR 1/2 m.
MEN PÅ KARTA ER DET BARE NYTTA
KVAR 1 m.

Tgil

PLAVER

OJP 21.10.87

Malmio C
Kaivossuunnitelma 1987

Tietue	HULL_NO	KOORD_S	KOORD_E	KOORD_Z	RETN_D	FALL_D	LENGDE	BOREAR	STATUS
1							0.00		C-HULLB7
2	S100G	1000	881	680	270	54	90.00	1987	
19	S101D	1010	849	684	270	5	25.00	1987	MAASTOVESI
20	S102E	1020	839	681	270	0	15.00	1987	MAASTOVESI
21	S102F	1020	838	677	90	10	30.00	1987	MAASTOVESI
3	S104H	1040	858	680	90	38	20.00	1987	KLAR 21.10
4	S104I	1040	858	681	90	+18	15.00	1987	MAASTOVESI
5	S104J	1040	895	673	90	38	35.00	1987	MAASTOVESI
22	S104K	1040	907	674	90	0	15.00	1987	MAASTOVESI
23	S104L	1040	826	679	270	41	10.00	1987	MAASTOVESI
24	S104M	1040	831	677	90	5	15.00	1987	MAASTOVESI
25	S106C	1060	819	675	90	7	50.00	1987	MAASTOVESI
26	S106D	1060	819	673	90	32	50.00	1987	MAASTOVESI
27	S106E	1060	858	664	270	0	55.00	1987	MAASTOVESI
28	S106F	1060	906	663	30	9	15.00	1987	MAASTOVESI
29	S106G	1060	898	661	270	60	90.00	1987	
6	S110A	1100	871	688	270	26	45.00	1987	
7	S112G	1120	840	693	90	40	70.00	1987	
8	S114D	1140	830	695	30	40	130.00	1987	
9	S116H	1160	833	694	90	40	140.00	1987	
10	S118E	1180	835	692	90	40	100.00	1987	
11	S120J	1200	858	689	90	36	55.00	1987	
12	S120K	1200	990	696	270	50	230.00	1987	
13	S122C	1220	840	692	90	35	120.00	1987	BEET 16.10
14	S122E	1220	965	695	270	55	90.00	1987	SENARE ?
15	S124E	1240	835	695	90	46	150.00	1987	
16	S124F	1240	977	694	270	40	70.00	1987	SENARE ?
30	S124G	1240	881	690	90	38	75.00	1987	
17	S128H	1280	800-796	697	90	42-38	205.00	1987	180m
18	S136H	1360	820	705	90	50	200.00	1987	

5980+

+ 2.10

599J

20 HULL

2220 m

Maastovuokalle

13 reikää, 360m

1360°

90° = 100° ↓



MERKITTÄVÄT KAIRAUS-
PAIKAT JA SUUNNAT
21.10.87 OJP

KAIRAUSSUUNNITE

C-LOUHOS N

20.10.87 OJP

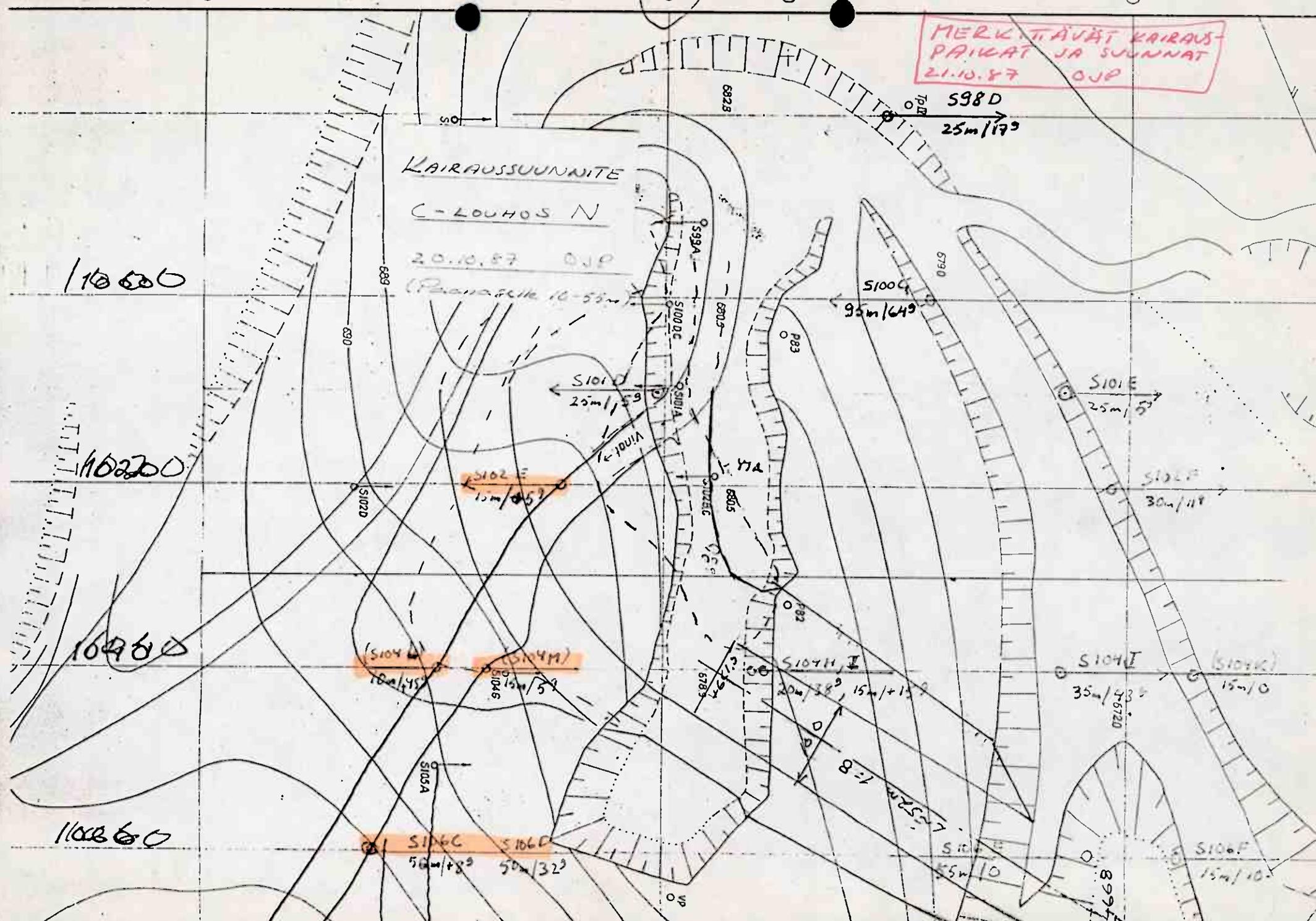
(Pinnasika 10-55m)

110600

110200

110900

110800



0.25/0.53
2.35

BIDJO-S100B

36.80 M

VIK

0.12/0.71
1.40

AB-FST

0.20/5.97
24

ML

AFB

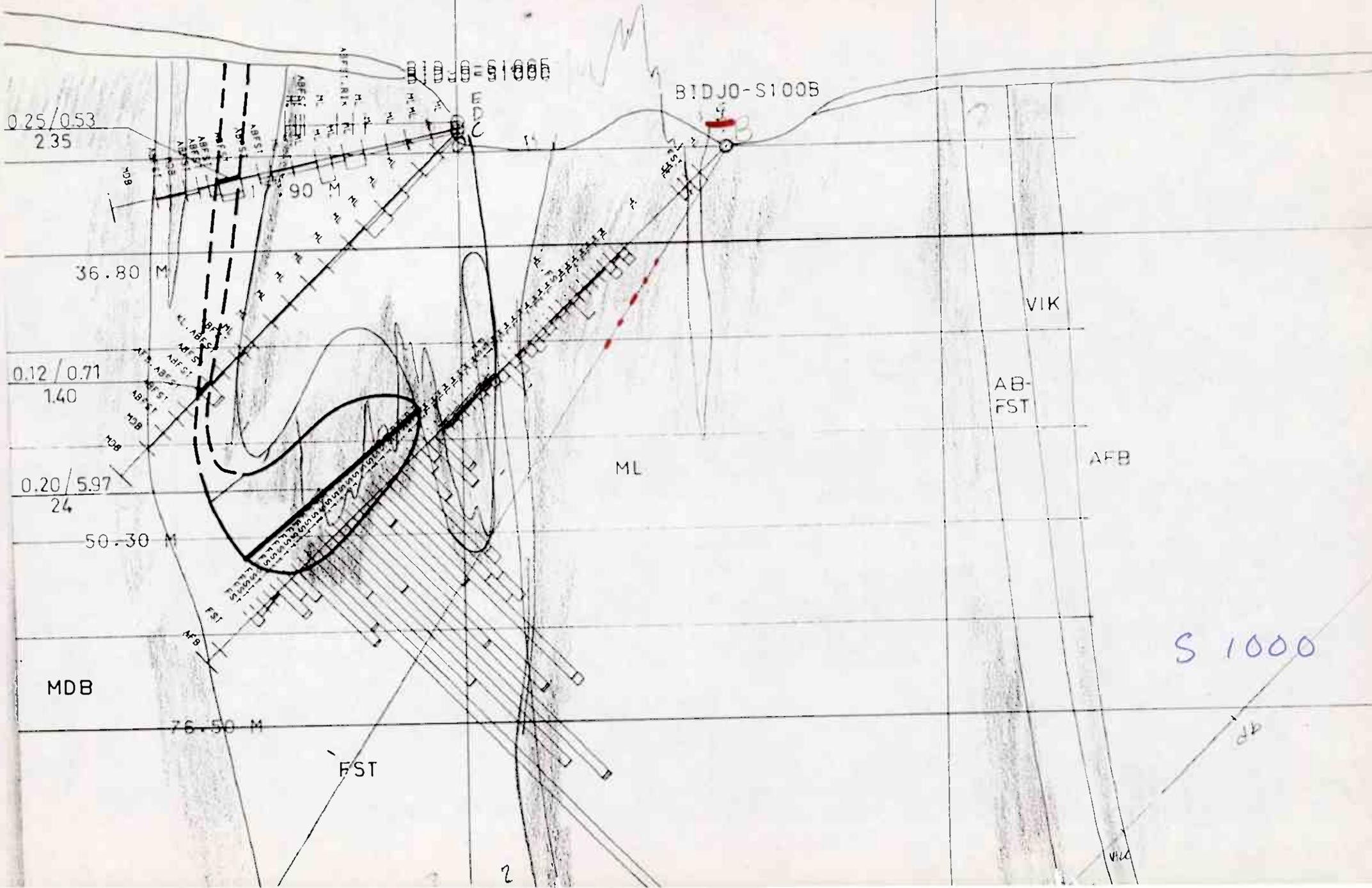
50.30 M

S 1000

MDB

76.50 M

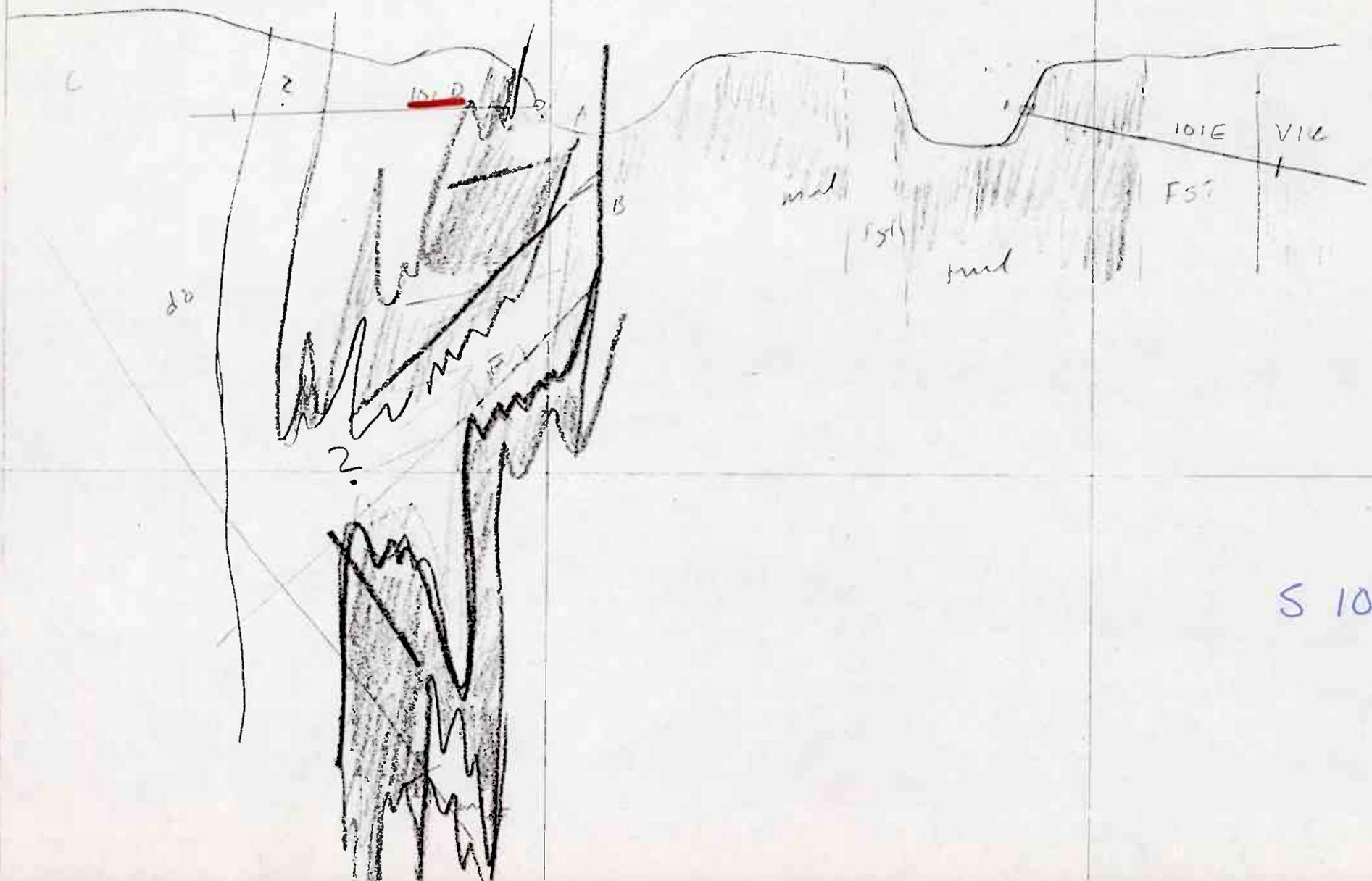
FST



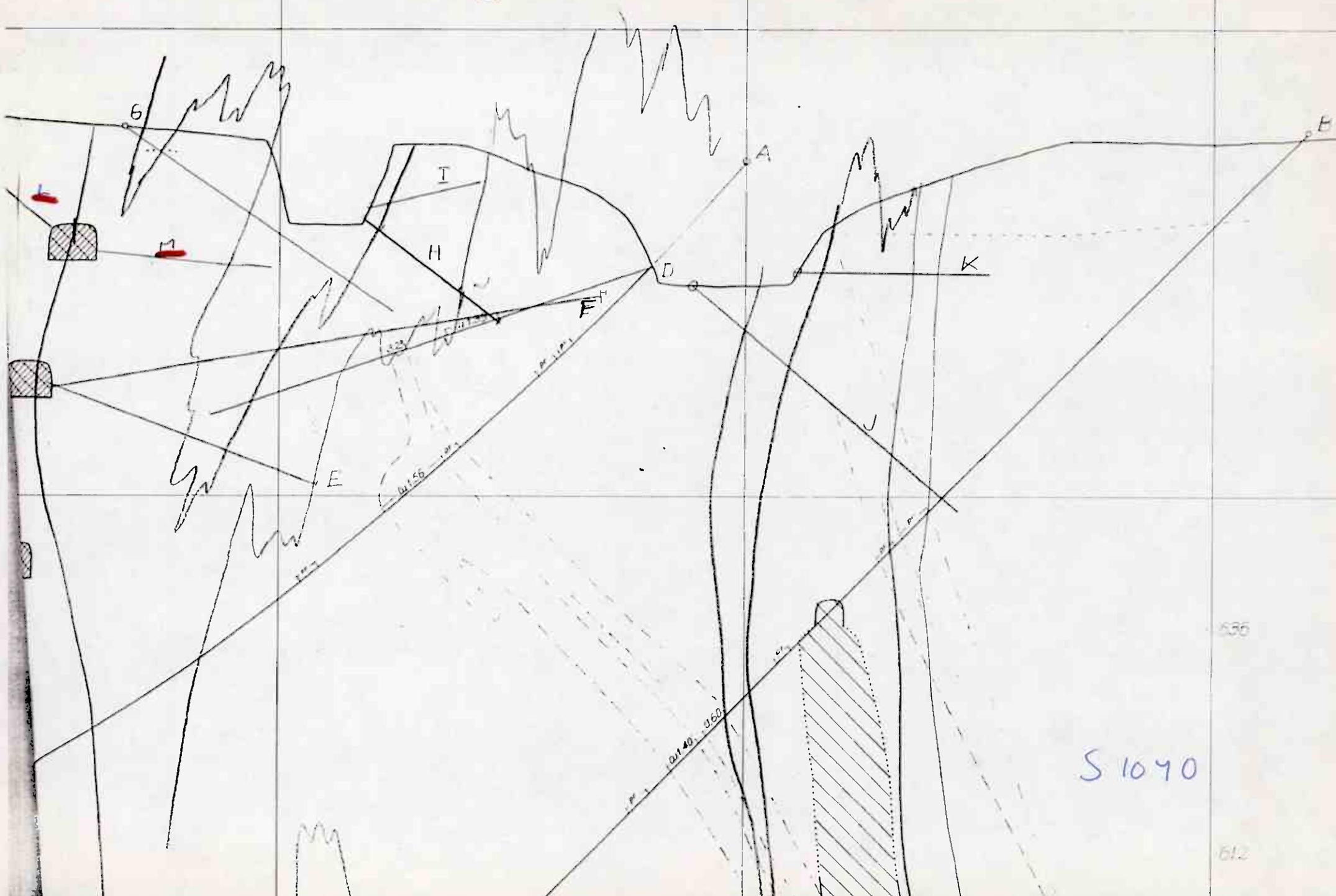
1000-1030

+ 500
200

01012
002:11
076
5.10.23



S 1010



536

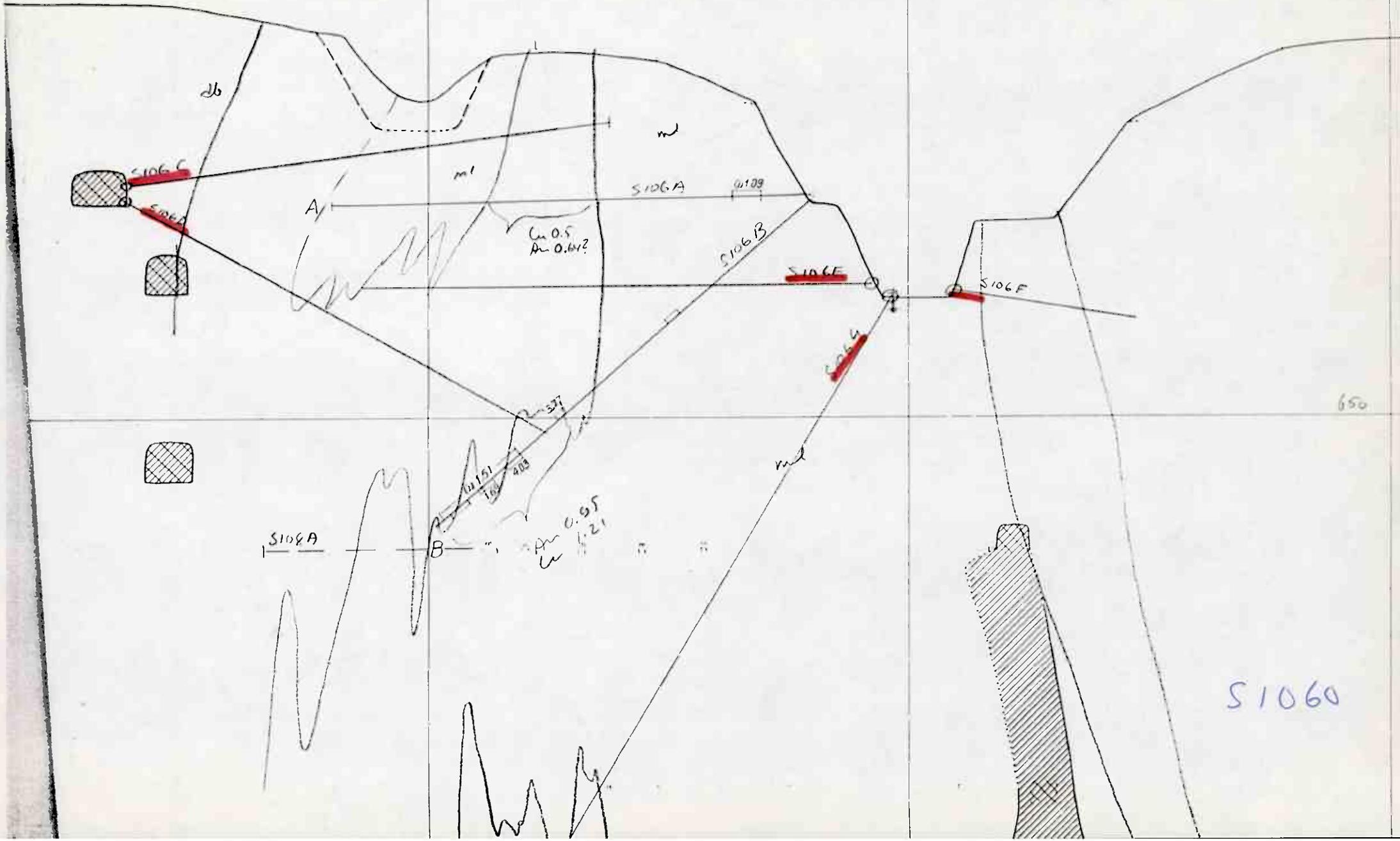
S 1090

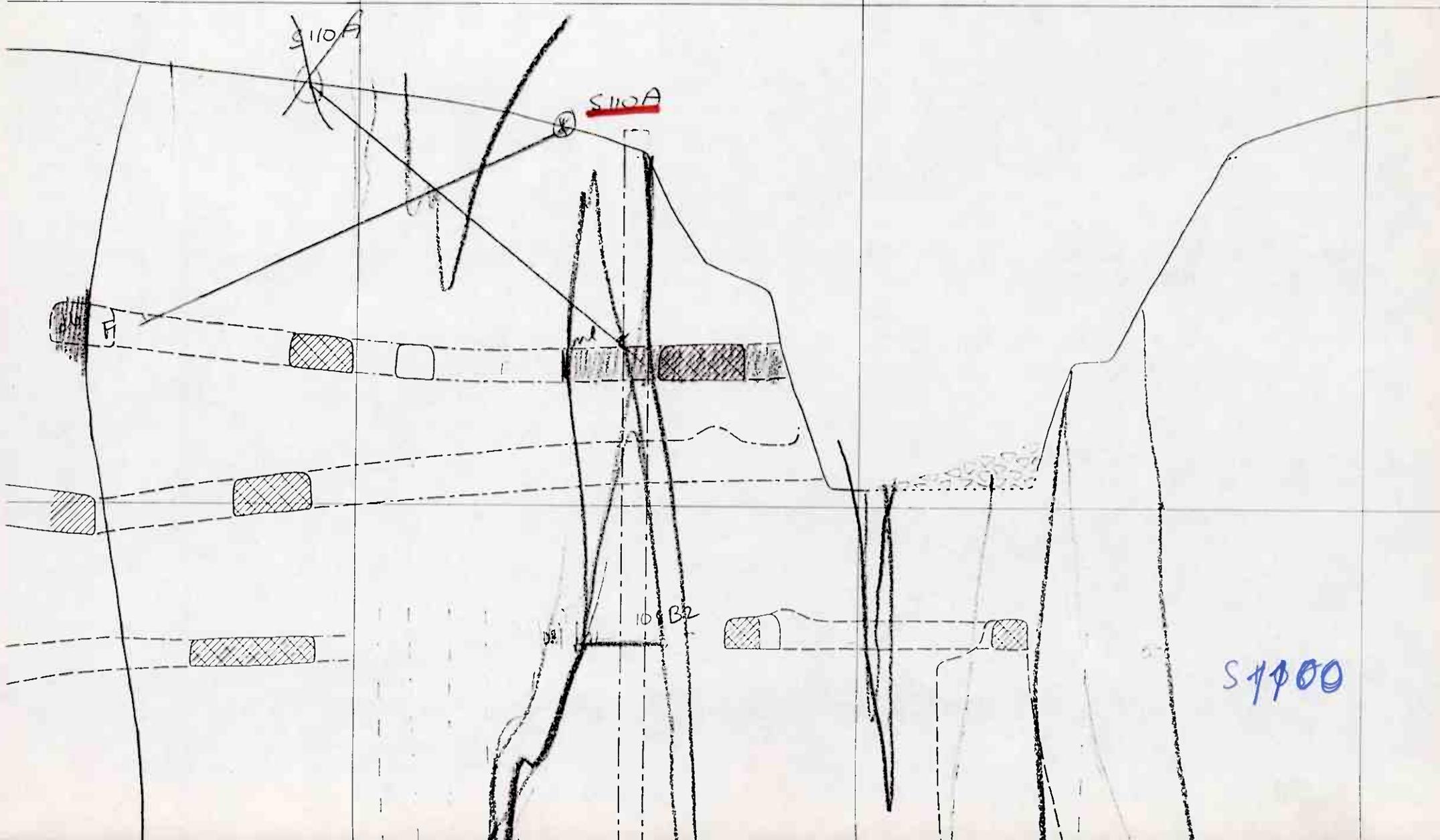
612

850

900

700





~~S110A~~

S110A

10 B2

S1400

Location
 112 A 3
 (112 D 14)
 (112 E 43)
 112 F 33

S112C

KULLU

2

A

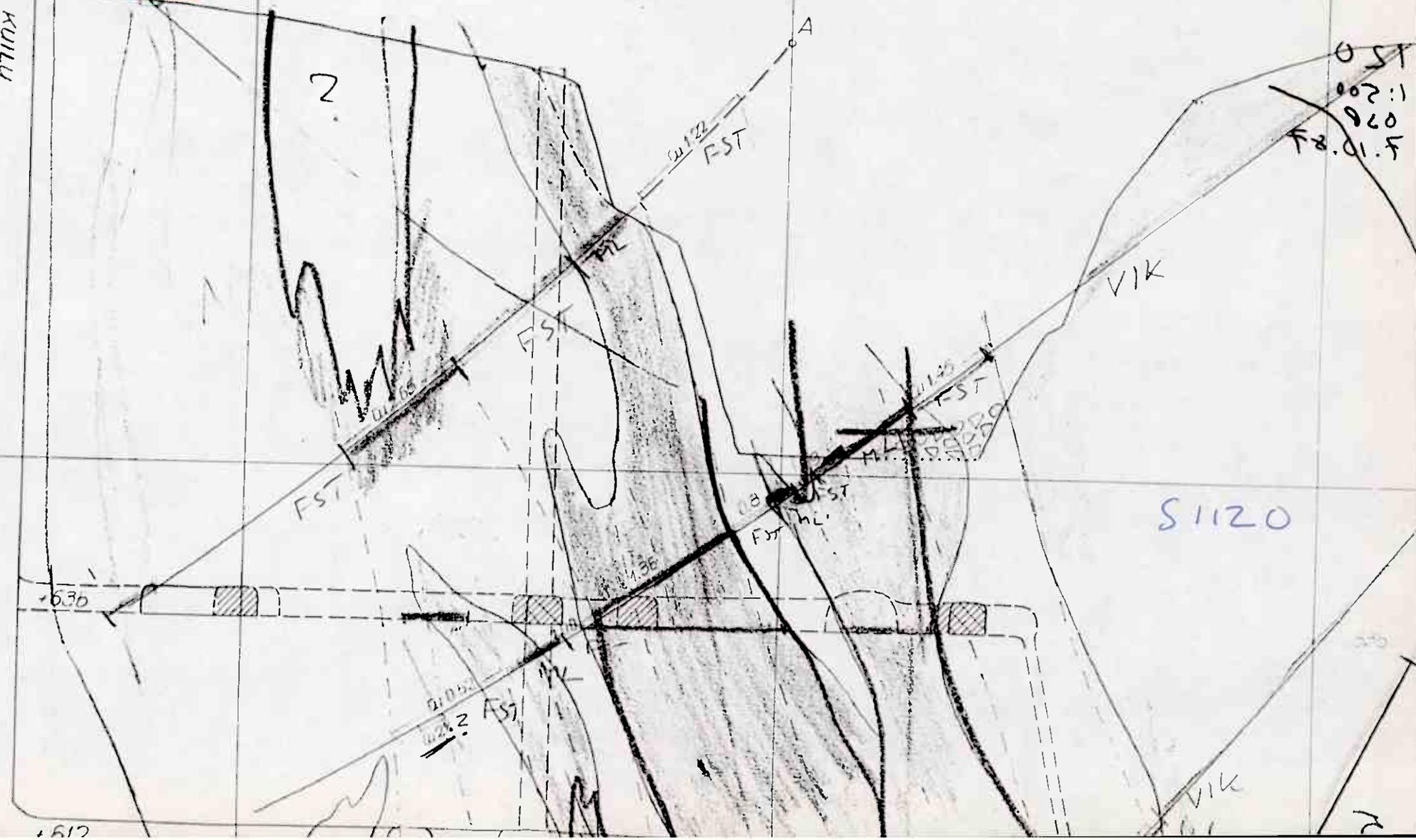
OST
 002:1
 960
 F8.01.F

VIK

S1120

+630

+612



200
+ 300

078
1:200
2 11 20

S1140

Kraufelweg

2.3/1.23
13

1.87/0.63
8

1.84/0.5
7 VIK

S1140



850

63600

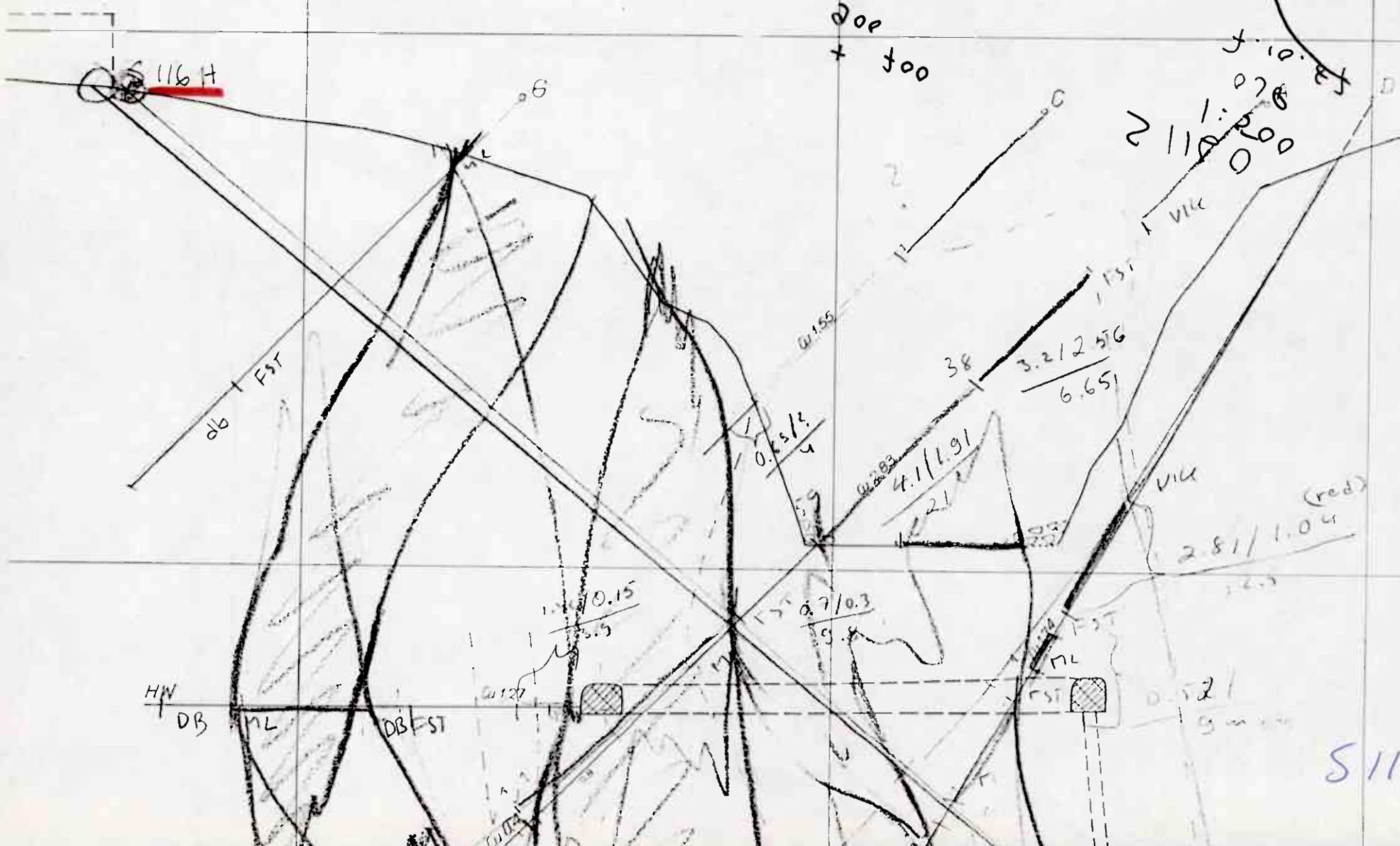
1900

E950

Y63700

116 G

Analysis



51160

E850

V63600

E900

E950

V63700

Fr. 10.84
860
0021
1:200

02112

200
+ 300

51189

A

A

B

20.3

1.92 / 1.53

6

2.23 / 0.1
11

FST
30

1.4 / 0.87
10

VIX



570

M2

51180

21550
1:200
078
10.24

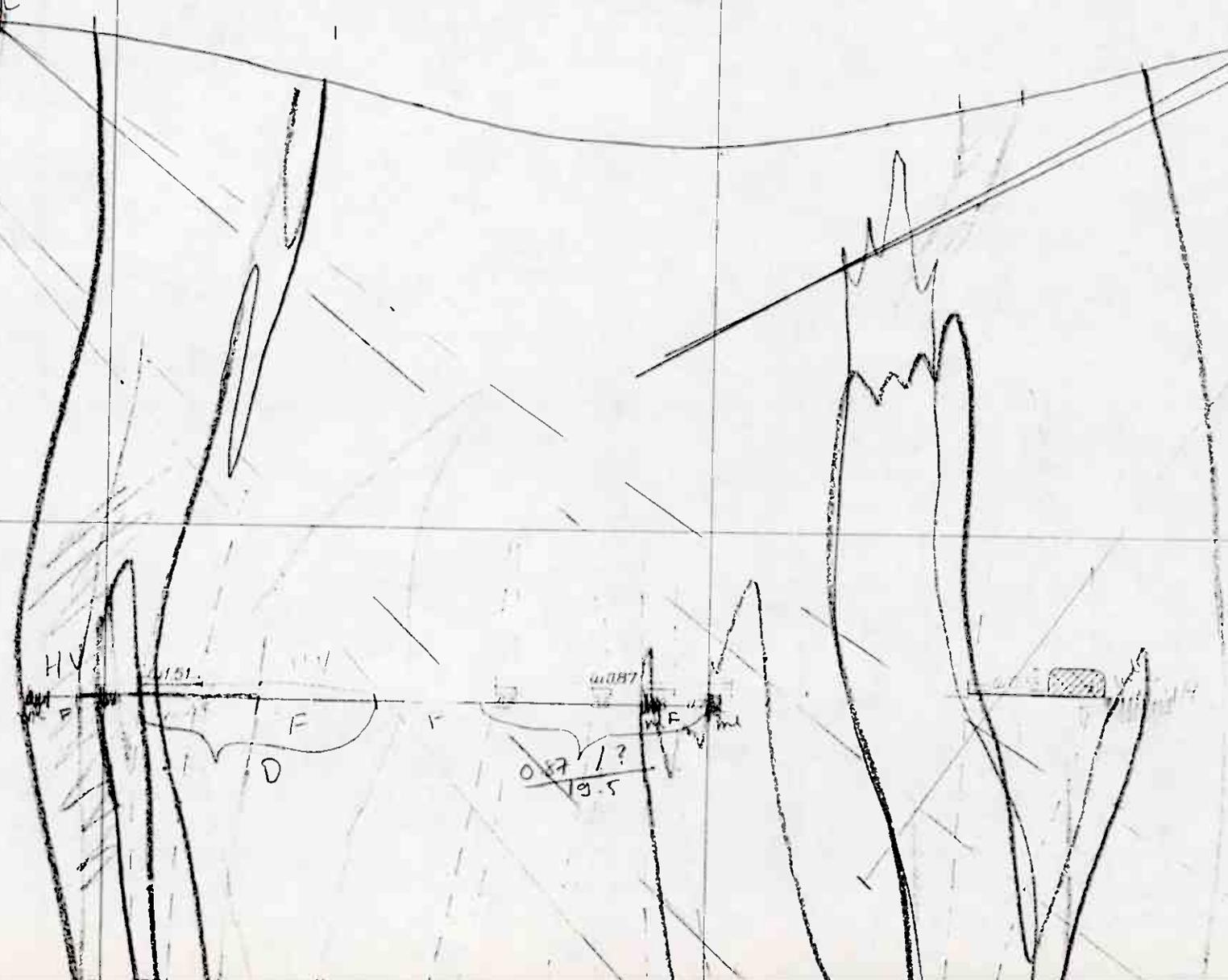
200
+ 400

S1220 C

S1225

F?
⊗ ⊗

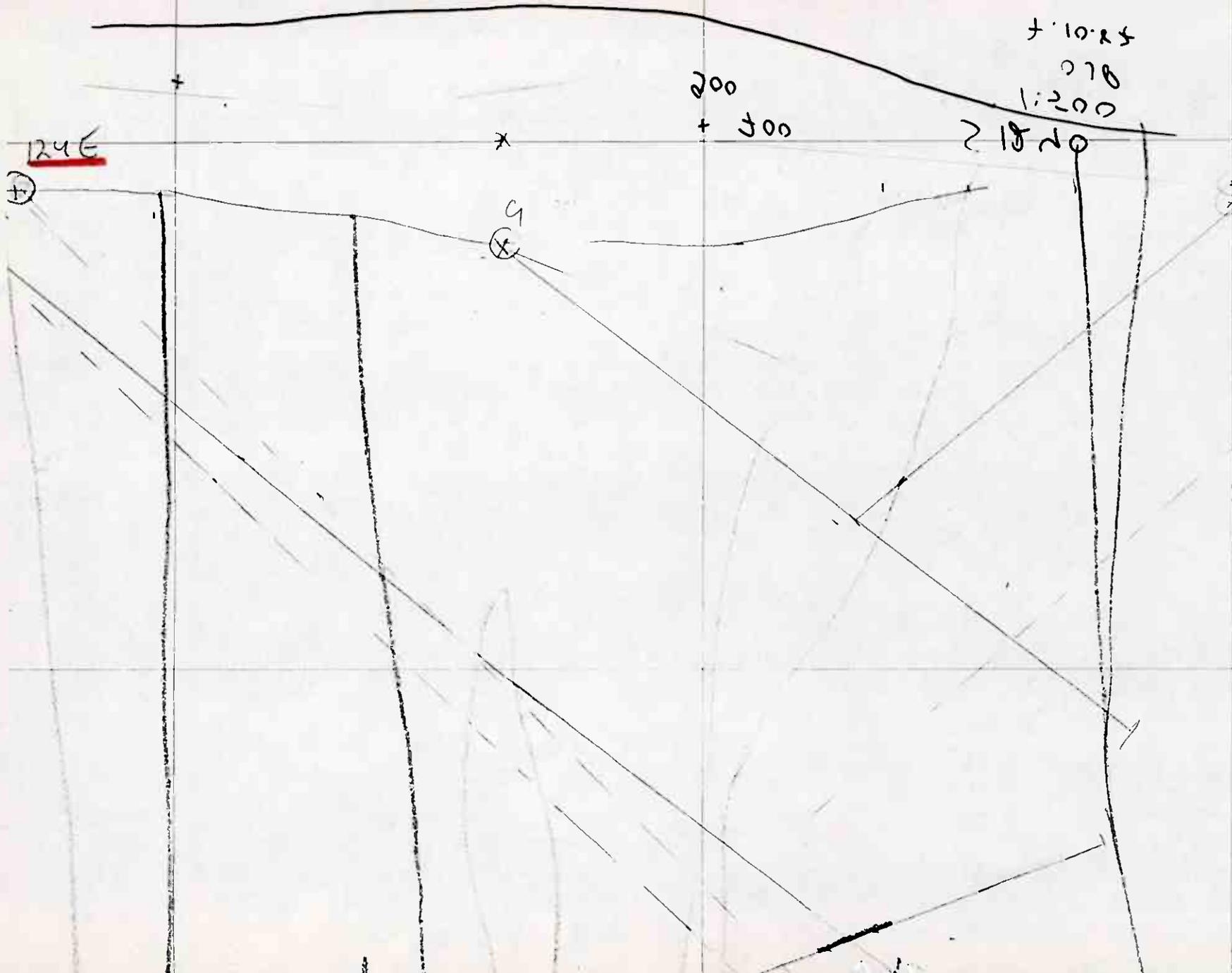
S1220



50

00

50



124E

⊕

x

9

⊗

200
+ 300

21820

+ 10.25
070
1:200

124F

⊗

S 1240

KORTA HULL

DIAMANTBORING 1987

PAANANEN
MAASTOVESI OY

BORHULL	S 104 H	S 104 T	S 98D	S 44J	S 104 J
BORET	21.10	22.10	30.10 (KESKITYYS)	X	12/11-87
MÄLT X.Y.Z			MISLYKKA X 979,56 Y 821,19 Z 692,83	12/11-87	
MÄLT FALLVINKEL					
OGGET	28.10	28.10		X	
SPLITTET					
KNUST					
MALET					
ANALYSERT MALMSKJ.				X	
ANALYSERT UTENFORMALM					

DIAMANTBORING 1987

BORHULL						
BORET						
MÅLT X.Y.Z						
MÅLT FALLVINKEL						
● OGGET						
SPLITTET						
KNUST						
MALET						
ANALYSERT MALMSKJ.						
● ANALYSERT UTENFORMALM						

LAUSE

DIAMANTBORING 1987

HOLNEN

BORHULL	S122C	S120J	S1284	S136H		
BORET	28.10	2.11.	26/11	10/12-87		
MÅLT X.Y.Z						
MÅLT FALLVINKEL			<u>finst</u>			
LOGGET	2.11.87	6.11.87	16/11	15/12		
SPLITTET	X					
KNUST	X					
MALET						
ANALYSERT MALMSKJ.	X					
ANALYSERT UTENFORMALM	X					

D-2001 544)

PA m. 8705058 - 5044

/

GANLE

Accepted
BY
GANLE
MUSE

BORHULL SOM ER IDENTIFISERT UTE PÅ
DET STORE KJERNELAGRET

S 120 G x 14 bussar.

1-9 } m.
17-46 }
96-156 }
166-206 }

S 120 H x 14 bussar

255-265 } m.
275-397,8 }

BOM

S 120 H x 15 bussar

5-36 } m.
53-85 }
105-115 }
95-105 }
115-165 }

S 140 C 51 bussar i 3 stapper.

S 128 C x 26 bussar.

7-23
32-244
374-371

S 112 S 55 V x 12 bussar.

80-100 m
110-130 m
180-200 m.

S 100 A x 19 bussar.

K 1-13
K 16-20
K 23

S 96 A x

K 1-17
K 21-24

S 144 C 16 bussar

} 10 stapper.

S 144 C 14 bussar

S 120 C x 13 bussar.

K 1-13

S 128 E

130-180 m
0-176 m

S 128 E x

250-270 m

S 108-636 K (-225 K) x

K 5
K x 4
K 1-5

S 108 Z

K 5-15

S 136 B

S 112 HK

11 bussar.

S 126 A

K 3-7 (+1)

S 124 A KG

S 128 G

S 130 B

S 112 G

11 burser

27/8-87

LOGGEDE HULL I C-FOREKOMSTEN

S112 F

S112 E

S112 D

S112 A

S112 G

S112 H

S112 6 55

S128 E

S128 C

S128 D 0 785 55°

S128 D

S140 C

S120C -612

S120H

S120G

S100 A

S100 B

S 96 A

S144 C

S144 B

KASSENE ER LAGRET PÅ PALLER UTEN FOR
LOGGEBRAKKE, ELLER PÅ PALLER UTE PÅ
"FRILUFTS"-KJERNELAGERET.

M.

V115
ITU
ML
ABFST
CR FST

(ABU)
150RB

BORHULL SOM ER IDENTIFISERT UTI PÅ DET "STORE" KJERNELAGRET

S 120 C 2m CP v/59,15 i borte rikt. detes. behvalvabous.
py/mt.

0,45m py/mt/ep. fels. med ML. v/94

v/99m spinn ep. + leikvalvabous.

v/120m spinn ep. ml.
+ 118m - - - ABFST

S 120 G v/149,80 spinn ep + ren py ~ fels.
v/278, - - - ~ ML.

S 120 H den ubestekte krusene mangler. (190 - 350)

S 96 A MANGLER LOGG

S 100 A v/37 spinn ep Fels.
v/124 - - - fels ~ kl. 6 med ml.
v/213 - - - Fels
v/278 - - - Rens.

S 112 G SSV Fuv. 40/18 0000

S 108 636 K - 225 K To mangler loggen.

S 128 C 1m spinn ep nyte detsous.

S 128 E

1 KORRIDOLEN:
(VARASTOKÄYTÄVÄSSÄ OLEVAT VANHAT
KAIRASYDÄNLAATIKOT)

S 108 A 600:

K3, K4, K5, K6, K8, K9 EI TARVITA (VÄÄRÄ A)

S 108 D 650:

K1, K2, K6, K7

IMPRESSANT 0-44m I

S 112 A 432:

K1, K2, K3, K4, K5, K6

EI TARVITA (VÄÄRÄ A)

S 128 A:

I, II, III ^{LITET} = IMPRESSANT

2-B:

kolme laatikkoa

16 A:

VII IMP. 65-16m I

88 B:

VIII

92 A:

I, II, VIII, ?, ?, ?, ?

96 A:

II, IV, V, VI, VII, VIII, IX

96 B GM:

IV, V

VARASTOKÄYTÄ-
VÄSSÄ OLEVAT
VANHAT KAIRA-
SYDÄN LAATIKOT

(108 D: I, II, III, V, VI?, VII, XII?)
(S 16 A: III, IV)

JATKUU →

S 120 A:

I (1), II, III, IV (2) INTR. ~15-26m
42-47
51-52
65-76

S 124 B:

IV, V, VI
INTR. 7-13m, 32-76m

S 106 A:

3 INTR. 20-30m

S 114 636 HW:

K1, K2 INTR. ~4-15m, ~25-35m
ED LEIURE INTR.

S 116 D:

32-41m? MEGET INTERESSANT

S 118 636 HW?

1, 2, 3 ED LEIURE INTR.

84 C:

VI

KIVIVARASTOSSA

KASITTELYKOHTESSA OLEVAT "PROJEKILAATIKOT"

84 C: II, VII, IX INTR. 85-94m, 101-117m

8A: V, VI INTR. 29-65m I

S 44 B: 0-50, 70-80

V 52 A: 36-45

KIVIVARASTOSSA OLEVAT PROJEKILAATIKOT

N 86 B (ILMISESTI KORONAAN) 6

N 86 C (— —) 11

N 89 B (— —) 10

S 128 A: 2-11

<u>S1180</u>	CU	AU	Ag -	BURB
A = ANALYSE	X	X	X	CU
B = ANALYSE	X	X	X	CU
C = ANALYSE	X	(X)		CU/AU
D = ANALYSE	X	(X)		CU/AU
S118 U-636	X	(X)		CU/AU

<u>S1170</u>	CU	AU	Ag -	BURB
S1170-6H - ANALYSE	X			CU
<u>S1160</u>				
A = ANALYSE	X	X	X?	CU/AU
B = ANALYSE	X			CU
C = ANALYSE	X		X? with 87	CU'
D = ANALYSE	X	X	X	CU
OBS				
G = ANALYSE				
HU-636 - ANALYSE	X	(X)		CU/AU
S116 H-540 - ANALYSE	X			CU
S116 J-540 - ANALYSE	X			CU

<u>S1150</u>	CU	AU	Ag -	BURB
S1150-4a ANALYSE	X			CU
S115 V-6H - ANALYSE	X			CU

<u>S1140</u>	CU	AU	Ag -	BURB
A = ANALYSE	X	X	X	CU
B = ANALYSE	X	X	X	CU
S114-4636 ANALYSE	X	X	X	CU/AU
S114A-6H = ANALYSE	X	(X)		CU/AU
delivered usphita				
S114B-6H = ANALYSE	X	X	X	CU/AU
S114C-540 - ANALYSE	X			CU
delivered usphita				
S114D-540 - ANALYSE				
delivered usphita				

S1130

S1130-6H - analysed

CU
x

AU
x

ASPOC
x

FLDRE
x

S1120

A = analysed

x

x

x

CU

B = analysed

x

x

x

CU

C = analysed

x

x

x

CU

D = FORBIDDEN UNITS/RESANT

E = ————

F = ————

G = analysed

x

CU

S112-6H-550 = analysed

x

CU

no analysis at all nor pu AU, pu 96m-122.
interest, nur d'inter, lupa.
CU

S1110

S1110-6H = analysed

x

(x)

CU/AU

S1110-6H = debris analysed

x

CU

interest pu 7001-7025

S1100

S1100-6H = debris analysed

x

x

x

CU

S1100-6H = analysed

x

interest analysed pu 58-65m (asplata)

CU

S1090

S1090-6H = analysed

x

CU

NB S1090-6H = analysed

x

his analysed pu AU

S1080

S108A = analysed

x

x

x

CU

B = unanalysed

S108A-6H = analysed

x

CU

S108B-6H = analysed

x

interest? pu no. 240-243

CU

S108C-6H = analysed

x

(x)

CU

E = analysed

x

x

x

F = analysed

x

x

x

Sto6o

Cv

Av

ASPRu

FLPRu

A = analyzab x

x

x²

su

B = analyzab x

x

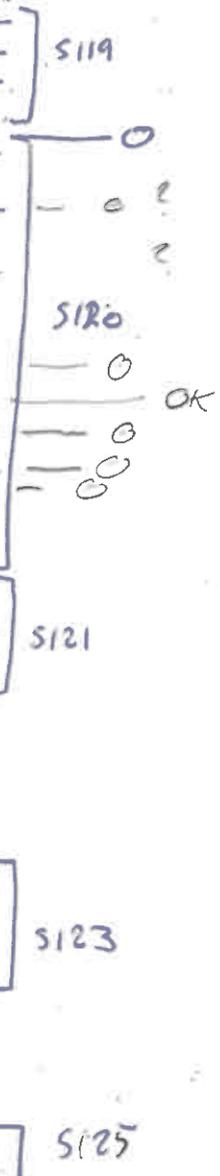
x²

eu/Av

Tietue	HULL_NO	KOORD_S	KOORD_E	KOORD_Z	RETNING	FALL	LENGDE	BOREAR
153	S098A	980	855	686	300	67	100.00	1980
154	S098B	980	855	686	300	33	55.00	1980
155	S098C	980	826	689	300	42	34.50	1984
156	S099A	992	850	683	300	33	45.30	1984
157	S099B	990	850	683	300	61	61.70	1984
1	S100A	1000	1000	689	300	50	228.40	1974
2	S100B	1000	878	680	300	44	76.50	1975
158	S100C	1000	850	682	300	50	50.30	1984
159	S100D	1000	850	682	300	13	36.80	1984
160	S100E	1000	850	683	300	0	17.90	1984
172	S100F	998	853	681	300	62	65.50	1985
161	S101A	1009	851	682	300	17	15.05	1981
162	S101B	1010	855	681	300	50	50.30	1984
173	S101C	1008	796	692	100	61	67.76	1985
3	S102A	1020	888	686	300	33	60.30	1975
163	S102B	1019	860	680	300	33	42.65	1984
164	S102C	1019	860	690	300	55	54.30	1984
165	S102D	1020	818	690	100	44	34.60	1984
174	S103A	1028	837	690	100	42	32.80	1985
175	S103B	1028	833	690	100	63	50.00	1985
4	S104A	1040	900	686	300	50	102.15	1957
5	S104B	1040	950	689	300	50	151.23	1957
6	S104C	1040	1020	692	300	58	224.90	1958
7	S104D	1040	890	675	300	22	50.00	1975
166	S104E	1040	825	662	100	22	30.00	1981
167	S104F	1040	825	662	100	11	60.00	1981
168	S104G	1040	830	691	100	39	34.30	1984
169	S105A	1050	824	692	100	44	10.50	1984
8	S106A	1055	690	673	300	00	50.00	1975
9	S106B	1056	690	673	300	45	51.50	1975
10	S108A	1080	930	688	300	50	120.00	1958
13	S108A2	1080	691	636	325	00	59.40	1974
17	S108A3	1080	898	600	300	50	93.50	1975
11	S108B	1080	1000	693	300	78	243.96	1959
14	S108B2	1080	851	636	250	00	49.90	1974
16	S108B3	1080	900	600	300	78	152.70	1975
19	S108C	1080	868	600	100	50	55.30	1975
12	S108D	1092	828	649	324	11	65.00	1975
170	S108E	1080	824	666	100	17	54.00	1981
171	S108F	1080	924	666	100	22	60.00	1981
15	S108G	1080	899	600	100	00	39.30	1962
16	S108H	1080	895	600	300	00	38.30	1962
20	S108I	1080	897	600	100	60	19.00	1962
21	S108J	1080	893	600	300	00	65.80	1962
22	S1100	1100	855	600	100	00	40.00	1962
23	S110V	1100	862	600	300	00	77.15	1962
24	S1110	1110	894	600	100	00	37.30	1962
25	S111V	1110	890	600	300	00	35.40	1962
26	S112A	1120	900	691	300	50	85.00	1957
26	S112A2	1120	890	436	100	0	85.00	1975
27	S112B	1120	960	692	300	50	132.00	1957
28	S112C	1120	1000	694	300	58	265.50	1958
29	S112D	1120	1040	696	300	72	212.80	1958
30	S112E	1120	1120	704	300	77	451.70	1959
31	S112F	1120	760	697	100	72	454.00	1959
34	S112G	1120	864	640	91	44	119.70	1976
25	S112H	1100	865	641	65	0	109.30	1976
32	S112I	1120	899	600	100	00	38.40	1962
33	S112V	1120	938	600	200	61	259.70	1962
37	S1130	1130	896	600	100	6	40.30	1962

Tietue HULL_NO KOORD_S KOORD_E KOORD_Z RETNING FALL LENGDE BOREAR

Tietue	HULL_NO	KOORD_S	KOORD_E	KOORD_Z	RETNING	FALL	LENGDE	BOREAR
38	S113V	1130	892	600	300	0	61.50	1962
39	S114A	1140	691	691	300	50	72.30	1960
41	S114A2	1140	875	636	300	0	30.00	1974
42	S114A3	1136	933	600	300	55	140.00	1975
40	S114B	1140	500	692	300	66	89.40	1960
43	S114B2	1136	932	600	300	22	95.20	1975
44	S114C	1139	864	542	100	0	85.90	1976
45	S114D	1139	864	540	100	28	80.50	1976
46	S1150	1150	890	600	100	0	51.40	1962
47	S115V	1150	886	600	300	0	34.25	1962
48	S116A	1160	940	594	300	50	140.46	1959
49	S116B	1160	1000	697	300	78	237.03	1959
50	S116C	1160	920	693	300	50	45.80	1960
51	S116D	1160	950	695	300	67	95.90	1960
52	S116E	1160	870	694	300	50	51.90	1960
54	S116H	1158	864	541	100	39	102.90	1976
53	S116HW	1160	873	636	300	0	33.20	1974
55	S116J	1158	860	542	300	0	39.70	1976
176	S117B	1171	836	600	100	+26	102.80	1983
56	S117D	1170	901	600	100	0	38.35	1962
57	S118A	1180	930	692	300	50	63.80	1960
58	S118B	1180	950	694	300	67	101.40	1959
60	S118C	1180	843	598	100	17	105.00	1975
61	S118D	1180	943	598	100	44	55.70	1975
62	S118E	1176	885	543	140	0	82.00	1976
63	S118F	1175	885	543	100	0	59.70	1976
59	S118V	1180	887	636	300	0	41.10	1974
177	S119B	1189	817	595	100	+27	84.30	1983
64	S119D	1190	917	600	100	0	36.50	1962
66	S119D2	1190	915	600	100	+50	3.50	1962
65	S119V	1190	913	600	300	0	48.60	1962
67	S119V2	1190	915	600	300	+50	3.10	1962
68	S120A*	1200	900	691	300	50	91.50	1957
80	S120A2	1210	885	612	157	0	72.60	1975
69	S120B	1200	500	689	100	50	120.00	1958
91	S120B2	1210	886	612	138	0	56.70	1975
70	S120C	1200	400	689	100	50	149.33	1958
79	S120C2	1200	557	614	100	55	128.50	1975
79	S120CX	1200	834	617	122	50	16.20	1975
71	S120D*	1200	960	694	300	50	178.05	1958
72	S120E	1200	1020	700	300	59	243.13	1958
73	S120F*	1200	900	693	300	50	133.30	1958
74	S120G	1200	1080	704	300	72	280.93	1959
75	S120H	1200	720	703	100	56	397.73	1959
77	S120HV	1200	901	636	263	0	65.00	1974
76	S120I	1200	945	693	300	50	70.85	1960
82	S1210	1210	917	600	100	0	30.05	1962
84	S121D2	1210	915	600	100	+50	3.60	1962
83	S121V	1210	912	600	300	0	86.80	1962
85	S121V2	1210	915	600	300	+50	5.90	1962
89	S122A	1210	823	601	100	22	114.20	1975
90	S122B	1213	839	601	100	44	160.00	1975
86	S122H	1220	921	626	126	0	17.00	1974
87	S122H2	1220	921	626	83	0	14.00	1974
88	S122HV	1220	901	626	263	0	57.00	1974
91	S1230	1230	927	600	100	0	8.00	1962
93	S123D2	1230	925	600	100	+50	4.40	1962
92	S123V	1230	923	600	300	0	28.00	1962
94	S123V2	1230	925	600	300	+50	3.10	1962
95	S1240	1240	829	586	100	0	126.70	1975
96	S124B	1240	829	586	100	33	109.10	1976
97	S124C	1240	855	586	100	0	58.20	1977
178	S124D	1244	818	586	100	-30	126.60	1983
98	S125HV	1250	935	600	300	00	110.00	1962
100	S125V	1250	935	600	250	0	63.50	1962



Tietue	HULL_NO	KOORD_S	KOORD_E	KOORD_Z	RETNING	FALL	LENGDE	BOREAR
99	S125V	1250	935	600	300	83	265.80	1962
101	S126A	1261	815	584	100	0	134.00	1976
102	S126B	1261	815	584	100	33	149.00	1976
103	S126C	1264	839	527	100	22	91.50	1977
104	S126D	1261	817	584	100	11	117.00	1977
105	S128A	1280	900	692	300	50	99.30	1958
106	S128B	1280	960	695	300	59	184.30	1958
107	S128C	1280	730	703	100	67	378.32	1959
108	S128D	1280	785	698	100	61	218.20	1964
109	S128E	1280	1040	701	300	67	294.80	1956
110	S128F	1280	814	581	100	0	128.50	1976
111	S128G	1280	814	580	100	38	136.30	1976
112	S130A	1303	812	579	100	00	145.10	1976
113	S130B	1303	812	578	100	39	143.50	1976
114	S130C	1303	812	579	100	11	145.00	1976
115	S130D	1298	823	530	100	33	115.20	1977
116	S132A	1320	785	704	100	67	280.30	1965
117	S132B	1320	730	706	100	67	340.68	1965
118	S132C	1320	770	707	100	50	236.95	1965
119	S132D	1321	811	576	100	44	164.60	1976
120	S132E	1320	450	690	100	56	194.40	1977
121	S135A	1360	785	705	100	67	303.00	1964
122	S135B	1360	730	707	98	52	365.80	1974
123	S135C	1362	827	570	150	11	107.60	1976
124	S136D	1362	808	571	100	53	153.20	1976
125	S136E	1358	953	435	300	+11	127.00	1977
126	S136F	1358	953	434	300	33	118.50	1977
129	S136G	1360	808	573	100	+33	151.10	1983
127	S138A	1383	805	565	100	11	124.00	1976
128	S138B	1383	805	567	100	42	160.50	1976
129	S140A	1400	925	696	300	50	187.00	1962
130	S140B	1400	785	707	100	67	294.80	1965
131	S140C	1400	740	709	100	67	319.50	1965
132	S140D	1408	805	564	100	11	755.00	1976
133	S140E	1399	849	435	300	+11	111.00	1977
134	S140F	1399	849	434	300	17	112.30	1977
180	S140G	1400	805	567	100	+33	109.45	1983
135	S142A	1426	894	561	100	33	166.00	1976
181	S142B	1420	802	566	100	+33	102.45	1983
182	S142C	1420	802	561	100	+55	180.00	1983
183	S1442F	1442	805	557	100	00	136.55	1983
136	S144A	1440	1105	721	200	72	487.45	1965
137	S144B	1440	1000	704	289	76	288.80	1974
138	S144C	1440	800	707	91	70	339.20	1974
139	S144D	1439	948	435	300	+11	97.05	1977
140	S144E	1439	948	434	300	22	126.80	1977
141	S146A	1480	730	707	100	67	349.50	1965
142	S146B	1480	1010	706	300	67	351.20	1965
143	S148C	1480	730	707	100	67	447.60	1966
144	S148D	1481	948	435	300	11	72.40	1977
145	S148E	1481	948	434	300	22	72.80	1977
146	S148F	1481	948	434	300	33	89.40	1977
147	S148G	1482	949	435	249	+11	107.40	1977
148	S148H	1482	949	434	249	22	100.40	1977
149	S152A	1560	975	703	300	50	89.60	1966
150	S152B	1560	705	708	100	72	359.65	1966
151	S152C	1560	705	709	100	67	399.65	1966
152	S152D	1560	700	705	100	72	411.05	1966

183 HULL

23258.99 m

B I D J O V A G G E C - MALMIN AVOLOUHOKSEN KARTOITUSPISTEET
KULTAMALMIN LÖYDETYT KAIRAREIÄT

P83			43669.6370	63599.5870			1.104	688.0540
	212.23013	62.1000			0.0000	62.1000		
VP			43608.6794	63587.7301			-0.943	688.2150
TPR			43694.7760	63612.8710			1.523	684.4300
	177.62163	70.4620			-11.3653	71.6000		
VPf			43628.6226	63637.1327			-1.000	672.2383
			43669.6370	63599.5870			1.385	688.0540
	336.84300	42.7000			0.0000	42.7000		
			43692.9921	63563.8403			-2.100	687.3390
S 98 C			S 980.3	E 826.8				687.3
			43669.6370	63599.5870			1.385	688.0540
	382.99300	24.4926			-15.1193	25.2000		
Maanp. (S98A, S98B ei löyt.)			43693.2608	63593.1214			-1.000	682.5102
			43669.6370	63599.5870			1.385	688.0540
	360.63300	14.8874			-23.8800	16.0000		
			43681.7676	63590.9565			-1.000	682.2770
S 99 A			S 991.5	E 853.8				682.2
			43669.6370	63599.5870			1.385	688.0540
	316.24300	12.8346			-26.1593	14.0000		
			43672.8762	63587.1678			-2.000	681.8467
B 100 C			S 1000.1	E 850.3				681.8
			43669.6370	63599.5870			1.385	688.0540
	316.64300	12.4142			-28.7745	13.8000		
			43672.8455	63587.5946			-1.000	682.4117
S 100 D			S 1000.1	E 850.3				682.4
			43669.6370	63599.5870			1.385	688.0540
	271.34300	12.5169			-32.1315	14.3000		
			43664.1909	63588.3169			-1.000	681.5240
S 101 A			S 1009.2	E 851.2				681.5
			43669.6370	63599.5870			1.385	688.0540
	277.54300	47.6773			1.9602	47.7000		
			43653.1652	63554.8453			-1.000	689.9074
S 102 D			S 1020.3	E 818.2				689.9
			43669.6370	63599.5870			1.385	688.0540
	228.63300	16.8790			-26.8481	18.5000		
			43654.4365	63592.2487			-1.000	680.8662
S 102			S 1018.7	E 855.3				680.8
			43669.6370	63599.5870			1.385	688.0540
	243.69300	47.3793			1.8775	47.4000		
			43632.9853	63569.5626			-1.000	689.8367
S 104 G			S 1040.3	E 832.8				689.8
			43669.6370	63599.5870			1.385	688.0540
	242.95300	59.9406			2.8311	60.0000		
			43622.8298	63562.1440			-1.000	691.1063
S 105 A			S 1050.3	E 825.4				691.1
Reikä ?			43659.6	63830.0				n.680
vinotunn.s			S 1012.7	E 845.2				-"-

24.10.1984 / SL

Profil 5605.

Hull 556A

Prove w.	m.	Cu	Au	bergalt.
3039.58	37.5-39.	0.61	3.59	fels.
3040.	39-40.2.	0.62.	0.90.	

37.5-40.2 (2.7m). 0.61 Cu 2.394 Au.

Profil 680S.

Hull S68A.

Prove nr.	m.	Cu	Au	bergart .
4117.59	66-67.3	0.35	0.32	grafitt jels
4118	67.3-68	0.63	0.85	altritt jels
4119	68-69	0.34	0.27	"
4120	69-70	0.77	0.87	"
4121	70-71	0.31	0.83	"
4122	71-72	0.09.	0.12.	"

67.3 - 71 (3.7m) 0.50 Cu. 0.693 Au.

Profil 520S.

Hull S52A. 520S/870φ. 40° vest.

Prøve nr.	m.	Cu.	Au.
2925	55-56 1.0	0.40	0.73
26	-57 1.0	0.16	0.33
27	58 1.0	0.40	5.40
28	59 1.0	0.88	0.69
29	60	0.07	0.19.

(1.79)
0.16/0.88
4

Hull S52B 520S/790φ. 45° vest.

Prøve nr.	m.	Cu.	Au.
2930	57.3-58	1.12	0.49
31	59	1.78	1.28
32	60	0.93	2.0
33	61	0.47	
34	62	0.37	0.52
35	63	0.38	0.40
36	64	0.36	0.57
37	65	0.09	0.09
2947	74-75	0.24	0.20
48	76	0.23	0.39
49	77	0.41	0.31
50	78	0.33	0.15
51	79	0.39	0.61.

Profil 640S.

Hull S64B. 640S/880φ. 45° vest.

Prøve nr	m.	Cu.	Au.
2828	10.5-11	1.10	0.18
29	11-12	0.37	0.02
30	12-12.7	0.15	<0.02
31	13.4-14	0.19	0.08
32	15	0.22	0.03
33	16	0.20	0.02
34	17	0.61	0.11
2862	90-91	1.09	2.44
63	92	0.34	0.66
64.	93	0.34	0.73.

Profil 720 S.

Hull 572 B 720S/905 φ. 45° vest.

pröve nr.	m.	Cur.	Au.
1622	20.7-22	1.51	0.43
23	22-23	1.25	0.37
24	23-24	0.64	0.16
1659	104.9-106	1.80	6.35
60	107	2.78	1.97
61	108	0.18	0.41
62	109	0.39	0.87
63	110	0.18	0.19
64	111	0.26	0.39
65	112	0.05	0.22
66	113	0.06	0.55
67	114.	0.05	2.75

Profil 840S.

Hull 584A. 840S/905 φ 45° vest.

Pröve nr.	m.	Cur.	Au.
1320	38-39		0.09
21	40	0.53	0.10
22	41	0.08	0.07
23	42	0.13	0.17
24	43	0.12	0.07
25	44	0.33	0.39
26	45	0.13	0.07
27	46	0.35	0.53
28	47	0.43	0.27
29	48	0.35	0.27
30	49	0.24	0.22
1345	63-64	0.04	0.12
46	65	0.22	0.49
47	66	0.12	0.45
48	67	0.13	0.15
49	68	0.11	0.32
50	69	0.14	0.70
51	70	0.24	0.39
52	71	0.14	0.19
53	72	0.20	0.85
1362	91-92	0.12	0.72
63	93	0.40	0.43
64	94	0.87	0.78
65	95	0.75	0.62
66	96	0.58	0.60
67	97	0.02	2.16
68	98	0.06	0.05
69	99	0.07	0.07

$\frac{0.56}{4.0} = 0.014$

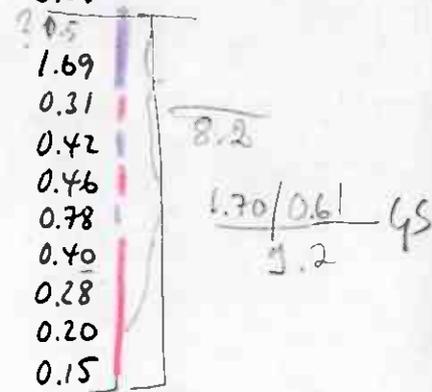
Profil 10805.

Hull S108A. 10805/891φ. 2 0/325⁹ nivå 636.

Prove nr.	m.	Cu.	Au.
209	55-56	0.17	0.54
10	57	0.19	0.28
11	58	0.21	0.44
12	59.4.	0.88	10.13

Hull S108C 10805/898φ. 45°/öst nivå 600.

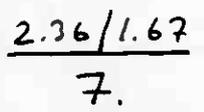
Prove nr.	m	Cu	Au.
650	23-24	0.25	0.03
51	25	0.56	0.18
52	26	0.71	0.03
53	27	1.89	0.08
54	28	1.35	0.46
55	29-29.3	0.74	0.38
56	30.3-31	0.65	0.15
57	32	0.65	0.24
58	33	0.98	0.26
59	33.8	0.45	0.08
60	33.8-35	1.48	0.05
61	36	1.60	1.69
62	37	1.39	0.31
63	38	2.16	0.42
64	39	1.94	0.46
65	39.5	1.79	0.78
66	40	1.65	0.40
67	41	1.09	0.28
68	42	1.68	0.20
69.	43	0.85	0.15



Hull S108D.

10925/828φ. 119/324⁹ nivå 649.

Prove nr.	m.	Cu	Au.
742	39.1-39.5	0.04	0.52
43	39.5-40	0.14	11.50
44	41	0.43	0.19
45	42	0.35	0.16
46	43	0.30	0.17
47	44	0.24	0.11
48	45	2.56	1.55
49	46	0.94	0.28
50	47	0.80	0.94
51	48	2.66	2.33
52	49	4.28	0.60
53	50	3.58	2.52
54	50.5	1.81	6.03
55	51	1.63	1.00
56	52	0.66	0.32



44-51
= 7m

Hull S108 D fort.

probe nr.	m.	Cu.	An.
757	52-53	1.15	0.57
88	54	3.35	0.13
59	55	1.34	0.28

Profil 1220 S.

Hull S122 H-V. 1220S/901 ϕ . 0/255° nivå 636.

Probe nr.	m.	Cu.	An.
324	0.7-2.0	0.76	0.13
25	2-3	0.52	0.07
26	3-4	0.46	0.04
27	4-5.3	0.71	
28	5.3-5.7	3.98	2.02
29	6.4-7.4	5.75	6.65
30	9.9-10.7	3.78	2.72
31	18.8-19.5	5.38	0.67
32	27.9-28.7	0.25	0.15
33	40.4-41.4	0.02	0.17
34	41.4-42.4	0.01	0.05
35	42.4-44	0.04	0.05
36	44.5-46	0.03	0.26
37	46-47	0.09	0.23
38	47-48.6	0.13	0.26
39	48.6-49.4	1.05	0.51
40	49.4-50	0.23	0.33
41	51.1-52	0.80	0.56
42	52-53	2.92	1.12
43	54	1.84	1.22
44	55	0.43	0.19



Hull S122 75° H. 1220S/921 ϕ . 0/75° nivå 636.

Probe nr.	m.	Cu.	An.
345	0-1	0.25	0.03
46	2	0.22	0.03
47	3	0.46	0.03
48	4	0.14	<0.02
49	5	0.20	<0.02
50	6	0.28	0.02
51	7	0.57	0.02
52	8	0.10	<0.02
53	9	0.10	<0.02
54.	10	0.08	<0.02

Hull S122-115°H 12205/921φ 0/115° niva 636.

Proven	m.	Cu.	Au.
355	0-1	0.39	0.03
56	2	0.64	0.05
57	3	0.55	0.04
58	4	0.39	< 0.02
59	5	0.30	< 0.02
60	6	0.34	< 0.02
61	7	0.32	< 0.02
62	8	0.33	< 0.02
63	9	0.47	0.04
64	10	0.10	0.04
65.	11.2	0.07	< 0.02.

Profil 10805.

Hull S108A.

Profil nr	m.	Cu	Au	bergart.	
3795.58	21.35-22.5	0.5	0.17	alb fels.	1.33/0.65 6.65
3796	22.5-24 1.5	1.18	0.27	"	
3797	24-26 2.0	1.90	0.60	"	
3798.	26-28 2.0	1.37	1.27	"	7.51/0.75 5.5
3810	77.5-79.5	0.96	1.22	alb fels	
3811	79.5-81	3.47	5.40	"	11.52.47/2.50 11
3812	81-83	3.94	2.44	"	
3813	83-84.3	4.12	3.83	"	
3814	84.3-86	1.15	0.69	"	
3815	86-87.5	0.95	0.73	"	
3816	87.5-88.5	3.47	4.86	"	0.336/0.36
3817	88.5-90	0.49	0.92	"	
3818	90-92	0.26	0.82	"	0.35/0.46 3.5
3819	92-94	0.23	0.64	"	
3820	94-96	0.16	0.72	"	0.19/0.68
3821	96-98	0.27	1.83	"	
3822	98-100	0.20	0.90	"	0.49/1.64
3823	100-102	0.25	0.43	"	
3824	102-104	1.25	1.04	"	8
3825	104-106.	0.17.	0.50	"	

21.35-28 (6.65 m)	1.34 Cu.	0.65 Au.
22.5-28 5.5	1.57	0.75
77.5-88.5 (11 m)	2.47 Cu.	2.50 Au.
88.5-106 (17.5)	0.33 Cu	0.812 Au.

Hull S108 φ 6H.

Profil nr.	m.	Cu	Au	bergart.
7105.62	15.3-16.	0.63	0.26	alb. fels.
7106	16-16.5	0.67	0.17	"
7107	16.5-17 0.5	1.19	0.04	"
7108	17.-17.5 0.5	1.91	0.17	"
7109	17.5-18 0.5	0.44	0.04	"
7110	18-18.5 0.5	0.86	0.07	"
7111	18.5-19. 0.5	1.61	0.12	"
7112	19-19.5 0.5	0.51	0.30	"
7113.	19.5-20.	0.71.	0.16.	"
15.3-20. (4.7 m)	0.94 Cu.	0.145 Au.	95	
16.5-19 = 2.5	1.50 Cu.	0.10 Au.		

Profil 10805.

Hull S108V 6H.

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Prove w.	m.	Cu	An	Bergart.
7606.62	52-52.5	0.01	0.10	SS-fels
7607.62	52.5-53	0.03	0.12	fels
7608	53-53.5	0.09	0.39	-
7609	53.5-54.	0.02	0.07.	-
7224	54-54.5 15	0.37	1.90	-
7225	54.5-55 05	0.56	18.8	-
7226	55-55.5	0.07	0.53	-
7227	55.5-56.	0.23	0.38	-
7228.	55-56.	0.20.	0.07.	-

52-56. (4 m) 0.21 Cu. 2.78 An. MS
54-56 (2 m) 0.38 Cu. 5.40. An.

Profil 1100 S.

Hull S110V 6H.

Drive no.	m.	Cu	A _u	Bergast.
7768.62	25-25.5	0.50	0.25	SS
7769	25.5-26	0.03	0.10	SS.
7770	26-26.5	0.80	0.15	SS - kato. bergast
7771	26.5-27	0.81	0.15	kato. bergast.
7772	27-27.5	0.31	0.20	"
7773	27.5-28	0.28	0.22	"
7774	28-28.5 0.5	1.27	0.39	"
7775	28.5-29 0.5	0.74	0.16	"
7776	29-29.5 0.5	1.19	0.13	"
7777	29.5-30 0.5	1.26	0.13	felo
7778	30-30.5 0.5	0.09	0.13	"
7779	30.5-31 0.5	0.13	0.28	"
7780	31-31.5 0.5	0.14	0.18	"
7781	31.5-32 0.5	0.20	0.38	"
7782	32-32.5 0.5	0.89	0.22	felo kato. bergast
7783	32.5-33 0.5	1.22	0.53	kato bergast
7784	33-33.5 0.5	0.39	1.24	" 0.68
7785	33.5-34 0.5	1.17	6.40	"
7786	34-34.5	0.31	0.17	felo 0.75/0.7d
7787	34.5-35	0.59	0.35	"
7788	35-35.5	0.37	0.15	SS 4
7789	35.5-36	0.03	0.05	"
7790	36-36.5	0.03	<0.02	"
7791.	36.5-37 0.5	0.04.	114.2	SS - felo.

28-34=

$$\frac{0.80/0.53}{6.00}$$

Profil 1120 S.

Hole S112C.

Prove n.	m.	Cu	Au	Bergwert
3297	103-105.5	0.20	0.04	
3298	105.5-107.15	2.30	0.87	$\frac{3.06}{1.32} = 40.3$
3299	107-109.20	2.40	1.85	
3300	109-111.20	1.53	0.59	
3301	111-113.20	2.98	2.91	
3302	113-114.40	0.73	0.29	
3303	114.40-115.80	8.70	0.89	
3320	180-182.20	0.32	0.15	$\frac{0.25}{0.07} = 6.0$
3321	182-184.20	0.21	0.04	
3322	184-186.20	0.23	<0.02	
3323	186-188.200	1.0	0.11	$\frac{1.01}{0.60} = 1.68$
3324	188-190.200	2.46	0.68	
3325	190-192.200	0.87	0.32	
3326	192-194.200	0.09	0.52	
3327	194-196.200	0.61	1.39	
3328	196-198.8.200	1.42	3.71	
3329	198.8-200.3	0.16	<0.02	
3330	200.3-202	0.08	<0.02	
3331	202-203	0.44	0.41	
3332	203-205	0.04	<0.02	
3333	205-207	1.40	0.29	
3334	207-209	0.20	0.16	
3335	209-211	0.11	<0.02	

1055 115.8. (10.3 m) 3.055 Cu. 1.32 Au.

194 - 198.8. (4.4) 1.18 Cu. 2.99 Au.

186 - 198.8 12.80 1.10 1.28

Profil 11205.

Hull S112A.

Prove w.	m.	Cu.	Au	Bergart.
2133.57	8-10	0.81	0.21	Athitt fels. 1,22/0,63 13,00
2134	10-12 2,0	1.11	1.03	
2135	12-14 2,0	1.19	0.48	
2136	14-16 2,0	1.87	0.95	
67182	16-17 1,0	0.75	0.23	
2137	17-19 2,0	1.40	0.69	
2138	19-21	0.67	0.62	
67183	21-23	0.39	0.10	
67184	23-25	0.03	0.09	
67185	25-27	0.06	0.08	
2139	28-30	0.19	0.15	3,45/1,12 8,0
2140	30-32	0.31	0.38	
67186	32-33	0.01	0.03	
2141	33-35	0.08	0.06	
67187	35-38	0.06	0.15	
67188	38-41	0.07	0.15	
67189	41-45	0.08	0.42	
2142	45-47	2.69	0.86	
2143	47-49	2.81	0.66	
2144	49-51	4.40	2.19	
2145	51-53	3.89	6.75	2,65/1,74 13,00
2146	53-55	1.03	0.58	1,09/0,60 4,0
2147	55-57	1.10	0.62	
2148	57-58	0.30	0.14	
2149	58-60	0.07	0.13	
2150	76-68.40	0.07	0.05	
2151.	78-71.50.	0.06.	0.02	

8-21 (13m) 1.22 Cu 0.63 Au.
 45-57 (12m) 2.65 Cu 1.94 Au. = 4,59 Cu-Au.

Profil S1120.

Hull S112B.

Prime m.	m.	Cu.	An.	Berat.
67166	45-48	0.01	0.09	
67167	48-50	0.01	0.02	
67168	50-52	0.30	0.05	
2167	52-54 2.00	1.41	1.44	} 1.45/0.60 71.50
2168	54-55 1.00	2.34	0.12	
2169	55-57 9.00	0.61	0.17	
2170	57-59 9.00	2.14	0.65	
2171	59-61 9.00	1.62	0.62	
2172	61-63 9.00	1.01	0.38	
67169	63-65	0.40		
67170	65-68	0.15	?	ML?
2173	68-70	0.68	.	
2174	70-72	0.62		
67171	72-75	0.45	0.09	
2175	75-77	0.64	2.86	
2176	77-78	0.52	0.11	
2177	78-80	0.23	0.21	
67172	80-82	0.18	0.09	
67173	82-85	0.01	?	
2178	85-87	0.11	?	
2179	87-89	0.08	?	
2180	89-90	1.64	?	
2181	90-92	0.21	?	
67174	92-94	0.02	.	
67175	94-96	0.06	?	
2182	96-98	0.84	.	
2183	98-100	0.30	?	
2184	100-102	1.30	?	
67176	102-106	0.15	0.10	
2185	106-108	0.41	?	
67177	108-109	0.20	0.04	
2186	109-111 2.00	0.54	1.50	} 0.54/1.02 4.0
2187	111-113 2.00	0.54	0.53	
2188	113-115	0.42	0.51	
2189	115-117	0.36	0.21	
67178	117-118	0.10	0.20	
67179	118-119	0.40	0.08	
67180	119-120	0.16	0.63	
67181	120-122	0.35	0.73	

52-63 (11 m) 1.45 Cu. 0.598 An.
 75-77. (2 m) 0.64 Cu 2.86 An.

Profil 11305.

Hull S113 Ö 6H.

Pröve nr.	m.	Cu	Au	Bergart.
7256	25-25.5 0.5	1.30	0.58	ss-fels fels $\frac{1.82/5.12}{3.0}$ - - - - $\frac{1.28/0.71}{7.5}$ - - $\frac{2.90/1.20}{1.0}$ - - - - -
7257	25.5-26.0 0.5	1.26	0.78	
7258	26-26.5 0.5	2.84	3.14	
7259	26.5-27.0 0.5	2.15	1.61	
7260	27-27.5 0.5	0.48	0.20	
7261	27.5-28.0 0.5	2.85	0.38	
7262	28-28.5	0.56	0.16	
7263	28.5-29	0.50	0.15	
7264	29-29.5	0.50	0.16	
7265	29.5-30	0.74	0.15	
7266	30-30.5	0.39	0.20	
7267	30.5-31	0.50	0.30	
7268	31-31.5	0.67	0.35	
7269	31.5-32.0 0.5	3.25	1.83	
7270	32.0-32.5 0.5	1.54	0.56	
7271	32.5-33.0	0.64	0.13	
7272	33.0-33.5	0.23	0.10	
7273	33.5-34.	1.13	0.06	

25-34	9.	1.196 Cu	0.60 Au.
25-27	2	1.4875 Cu	1.527 Au.
25-28	3.0	1.82 Cu	1.12 Au.

Hull S113 v - 6H.

7121	20-20.5	0.31	<0.02	$\frac{1.14/0.77}{1.5}$ $\frac{0.69/0.27}{4.0}$ 20-31.5 (10.5) 0.64 Cu . 0.29 Au. 20.5-26.0; $\frac{0.89/0.17}{5.5}$
7122	20.5-21.0 0.5	1.73	0.9	
7123	21-21.5 0.5	1.61	1.64	
7124	21.5-22.0 0.5	0.99	0.44	
7125	22-22.5 0.5	0.38	0.15	
7126	22.5-23.0 0.5	0.39	0.45	
7127	23-23.5 0.5	0.96	0.19	
7128	23.5-24.0 0.5	0.26	0.42	
7129	24-24.5 0.5	0.65	0.09	
7130	24.5-25.0 0.5	0.67	0.54	
7131	25-25.5 0.5	0.77	0.11	
7132	25.5-26.0 0.5	1.47	0.17	
7133	26-26.5	0.42	0.15	
7134	26.5-27	0.45	0.24	
7135	27-27.5	0.23	<0.02	
7136	27.5-28	0.25	0.04	
7137	28-28.5	0.29	0.02	
7138	28.5-29	0.52	0.10	
7139	29-29.5	0.17	0.07	
7140	29.5-30	0.13	0.02	
7141	30-30.5	0.47	0.22	
7142	30.5-31	0.19	0.05	
7143	31-31.5	0.26	0.05	
	32	0.76	?	
	32.5	0.44		
	33	0.13		

Profil 1140S.

Hull 5114B.

Prove nr.	m.	Cu	Au.	Bevægt.
5268	44-45	0.06	0.73	mixed?
5269	46	0.25	0.03	-
5135	47	0.96	0.34	-
5136	48	1.67	0.60	fels
5137	49	1.71	0.36	-
5138	50	0.99	0.38	-
5139	51	1.41	0.25	-
5140	52	3.39	2.73	-
5141	53	2.76	0.63	-

46-53 (7m) 1.84Cu 0.75Au.

Profil 1140 S.

Hull 5114 A.

Probe nr.	m	Cu	Au	Bergart.
67391	10.5-12	-	<0.02	
67392	12-14	0.23	<0.02	
67393	14-16	0.05	0.03	
67394.	16-18	0.12	0.03	
5033	20.5-21	0.93	0.17	
5034	22	4.66	0.52	
5035	23	5.71	15.0	6.1
5036	24	10.75	17.0	6.4
5037	25	4.98	0.68	
5038	26	7.20	2.85	
5039	27	6.31	4.23	
5040	28	2.02	0.55	
5041	29	3.95	14.8	6.4
5042	30	2.05	0.40	
5043	31	5.89	19.8	6.4
5044	32	2.75	0.42	
5045	33	6.55	1.08	
5046	34	0.56	0.10	
5047	35	0.72	0.38	
5048	36	0.79	0.40	
5049	37	0.34	0.27	
5224	38	0.34	0.16	
5225	39	3.21	0.11	
5226	40	2.20	2.51	
5227	41	1.11	2.36	
5228	42	0.52	0.14	
5229	43	0.57	0.11	
5230	44	1.14	0.20	
5231	45	0.41	0.13	
5050	46	2.12	0.44	
5051	47	0.64	0.40	
5232	48	0.38	0.08	
5233	49	1.40	0.25	
5234	50	0.91	0.09	
5235	51	0.44	0.16	
5052	52	1.04	0.43	
5053	53	0.49	0.25	
5054	54	0.38	0.24	
5055	55	1.45	0.81	
5056	56	1.48	1.41	
5236.	57	1.25	0.46	

5.23 / 3.03
13.00 (6.4)

0.55 / 0.26
5.00

38-41 m:
2.17 / 1.66
3.00

2400 - 41.00 =
0.25 360 / 3.13
- 90.00

0.63 / 0.20
5.00

2.13 / 1.25
13

21-33 (12 m)	5.23 Cu	6.44 Au
38-41 (3 m)	1.65 Cu, 2.17 Au	1.66
54-57 (3 m)	1.39 Cu	0.89 Au

S116 A

	m	Gr	AU	AU RED	Gr + AU
22.35 - 24.30	1.95	1.08	0.81	0.81	1.89
- 29.00	4.70	3.12	3.29	1.07	
- 38.00	9.00	3.48	0.91	0.91	
- 41.00	3.00	8.87	20.60	6.27	
- 46.00	5.00	4.27	1.53	1.53	
- 52.00	6.00	2.59	1.70	0.77	
- 56.60	4.60	3.66	2.08	1.23	
- 59.00	2.20	1.76	0.69	0.69	2.45
- 68.80	9.80	0.70	0.30	0.30	1.00
24.30 - 59.00	34.70	3.76		1.66	

5/17/22
256
12332

Profile 1160.

Hull S116 D.

Probe nr.	boymeter.	Cu	Au.	Bergart.
67349	36-38	0.02	0.05	
67350	40	0.05	<0.02	
5001	41	0.11	0.06	
5002	42	0.30	0.16	
5003	43	0.31	0.49	
5004	44	0.53	0.19	
5005	45	1.51	0.83	
5006	46	1.59	0.72	
5007	47	2.73	0.66	
5008	48	2.23	0.40	
5009	49	3.92	0.51	
5010	50	2.04	0.50	
5011	51	1.93	0.75	
5012	52	2.95	0.78	
5013	53	2.53	1.83	
5014	54	4.07	1.79	
5015	55	0.64	0.86	
5016	56	4.38	16.4	2.13
5017	56.5	9.29	1.28	
5018	57	0.38	0.10	
5019	58	0.34	0.07	

44-56.5 (12.5) 2.57 Cu 2.13 1.04 AU/RED

50-56.5 (6.5) 3.25 Cu 3.54 1.5 AU/RED

Profil 11805.

Hull S118B.

Profil m.	m.	Cu	Au.	Bergart.
67353	35-38	0.74	<0.02	gr. st. fels overgang.
5213	39	0.11	0.17	fels
5214	40	0.38	0.22	fels
5215	241 1.00	1.53	0.86	fels.
5065	42-43 1.00	1.51	0.89	carbonat bergart
5066	44 1.00	2.26	14.2	1.4 / 0.87 = 10 meters nit carbonat - it
5067	45 1.00	1.20	0.87	
5068	46 1.00	0.92	0.55	
5069	47 1.00	0.48	0.42	
5070	48 1.00	1.22	0.32	
5071	49 1.00	1.82	0.36	
5072	50 1.00	2.19	1.76	

5106	88-89	1.83	0.26	ss. - fels
5107	90	4.61	0.38	fels
5108	91	4.36	0.67	"
5109	92	4.41	1.10	"
5110	93	6.55	1.63	"
5111	94	6.41	1.88	"
5112	95	3.92	3.81	"
5113	96	1.68	1.24	"
5222	97	1.09	0.62	"
5223	98	0.54	2.24	"
67354	99	0.44	0.06	"
67355	99-101.4	0.29	0.30	fels - ss.

$$42-50 (8 \text{ m}) \cdot 1.45 \text{ Cu. } 2.42 \text{ Au. } (0.95 \text{ REO}) = 2.4 \text{ Cu-EKV}$$

$$(88-98 (10 \text{ m})) 3.54 \text{ Cu. } 1.38 \text{ Au.} = 4.92 \text{ Cu-EKV}$$

$$89-98 (9 \text{ m}) 3.73 \text{ Cu } 1.50 \text{ Au} = 5.23 \text{ Cu-EKV}$$

Profil 11805.

Hull S118A.

Pine n.	m.	Cu.	Am	Bezahl.
67344	31-34	0.04	0.59	
67345	34-37	0.01	0.02	
67346	37-38	1.19	0.45	
5278	39	2.53	1.17	
5279	40	1.74	1.24	
5280	41	1.33	0.54	
5170	42	1.33	(0.54)	
5171	43	0.68	0.54	
5172	44	2.61	2.09	
5173	45	2.05	1.40	
5174	46	2.62	0.99	
5281	47	0.27	0.13	
5282	48	2.77	0.70	
5283	49	1.20	3.91	
5284	50	0.27	0.16	
67347	50-53	0.10	0.08	
67348	53-56	0.23	0.28	
67605	58-59	0.16		
5175	59-60	0.22		
5176	60-61	1.18		
67606	61-63.8.	0.02		

37-49 (12m) 1.69 Cu. 1.138 Am.

Profil 1200S.

Hull 5120A.

Prime nr.	m.	Cu	Au	Bergart
67158	41-43	0.03	<0.02	
67159	43-45 2.00	1.70	0.87	} $\frac{2.14/1.71}{5.00}$ fels
2053	45.15-46.65 1.50	2.64	2.90	
67160	47.30-47.70 0.40	0.12	0.06	} $\frac{1.07/0.85}{1.20}$
2054	48.-48.80 0.80	1.55	1.25	
67161	49.90-50 0.2	0.48	0.11	} $\frac{0.80/0.35}{2.00}$
2055	50-51 1.0	0.32	0.17	
2056	51-52.60 1.60	1.14	0.49	
67162	52.60-52.70	0.09	<0.02	
67163	54-56	0.27	0.07	
67164	58	0.07	<0.02	
67165	60	0.01	<0.02	

43.00-48.80: $\frac{1.84/1.51}{4.70}$

Hull 5120D.

3752	39-41 2.0	0.08	0.06	
3753	41-43 2.0	0.13	0.05	} $\frac{0.2/8.06}{6.00}$
3754	43-45 3.0	0.36	0.07	
3755	45-47 2.0	0.41	0.09	} $\frac{0.73/0.11}{7.00}$
3756	47-48.6 1.6	0.74	0.13	
3757	48.6-50 1.4	0.96	0.14	} $\frac{4.22/1.45}{10.00}$
3758	50-52 2.0	0.87	0.08	
3759	52-53.5 1.5	3.19	1.22	} $\frac{52-77. (25)}$
3760	53.5-55 1.5	2.36	0.15	
3761	55-56 2.0	4.42	1.25	} $\frac{2.836. / (2.18 Au)}{25.00}$
62	56-58 2.0	6.12	1.59	
63	58-60.3 2.3	3.79	2.01	} $\frac{0.51/0.29}{1.0}$
64	60.3-62 1.7	2.40	1.28	
65	62-64 2.0	0.45	0.25	} $\frac{3.34 / (4.15)}{9.10}$
66	64-66 2.0	0.29	0.33	
67	66-68 2.0	3.19	2.46	} $\frac{0.78/0.9}{3.10}$
68	68-70 2.0	3.20	0.98	
69	70-72 2.0	5.23	13.9	} $\frac{52.00-77.00 =}{3.01/1.16}$
70	72-73.5 1.5	2.86	1.23	
71	73.5-75.1 1.6	1.80	0.79	
72	75.1-77 1.9	0.66	1.28	
73	77-79 2.0	0.86	1.42	
74	79-81	0.43	0.32	
75	81-82.5	0.59	0.18	
76	82.5-84	0.25	0.16	
77	101-103	0.39	0.19	
78	105	0.35	0.29	
79	107	0.42	0.20	
80	109	0.37	0.10	
81	111	0.42	0.14	
82	113	0.37	0.11	
83	115	0.56	0.13	
84	117	0.68	0.10	
85	119	0.89	0.16	

Profil 12005.

Hell 5120F.

Probe n.	m.	Cu	As	Bergart.
3367	62-63.8	0.17	0.27	
3368	63.8-65.6 1.20	1.44	0.53	
3369	71.8-74 2.20	0.75	0.16	$\frac{0.94}{0.21}$
3370	74-75.4 1.40	1.25	0.36	3.60
3371	75.4-77 1.6	0.20	0.13	75.4-85
3372	77-78.4 1.4	0.27	0.24	
3373	78.4-80 1.6	0.45	0.08	$\frac{0.36}{0.16}$
3374	80-82 2.0	0.33	0.10	10
3375	82-84 2.0	0.23	0.12	
3376	84-85 1.0	0.68	0.29	

OUTOKUMPU Oy
Malminetsintä

KARTTALEHTI



REIÄN TUNNUS

20

REIÄN NO ²⁸ S 1, 2, 4, B

Sivu no... 1

SYVYYS	PITUUS m	KIVILAJI	LISÄTIEDOT	Cu	Au	Cu+Au	Sät.	1500/100
42.00								
43.00				0.207	0.30		24	8720000
44.00				1.26	1.72		25	8720001
45.00				0.081	0.08		28	8720002
46.00				0.011	0.40		27	8720003
47.00				0.049	0.44		30	8720004
48.00				0.022	0.32		28	8720005
49.00				0.11	0.32		28	8720006
50.00				0.063	0.40		31	8720007
51.00	1.00			0.084	0.46		30	8720008
52.00	1.00			0.051	0.56		29	8720009
53.00	1.00		0.09/0.5(6.7)	0.19	0.48		40-50	8720010
54.00	1.00		5.00	0.16	0.46		41	8720011
55.00	1.00			0.89	0.60	1.49	44	8720012
56.00	1.00			1.36	1.0	2.36	40-50	8720013
57.00	1.00		2.05/1.22(3.7)	5.5	1.3	6.8	30	8720014
58.00	1.00		6.00	2.43	1.54	3.97	30	8720015
59.00	1.00			3.89	1.40	5.29	35	8720016
60.00	1.00			0.82	0.98	1.80	27	8720017
61.00	1.00			0.87	1.10	1.97	27	8720018
62.00	1.00			0.30	0.48	0.78	31	8720019
63.00	1.00		0.16/0.5(0.9)	0.48	4.06	4.54	31	8720020
64.00	1.00		3.00	0.47	0.48	0.95	29-35	8720021
65.00	1.00			1.52	0.50	2.02	29-36	8720022
66.00	1.00		1.62/0.6(1.2)	2.33	0.66	2.99	33	8720023
67.00	1.00		4.00	0.29	0.75	1.04		
68.00	1.00			1.22	0.70	1.92		

128G RINGGON

70-85m	~ 0.5 AU	70-76-
-82.5	0.9	77
-90	1.2	8
92.5	1.2	9
95	2.35	80
97.5	2	1
180	0.3	2
100-190	~ 0.2-0.3	-96
-122.5	3.2	1
125	2.1	2
127.5	1.0	3
130	1.0	4
132.5	0.5	5
135	3.3	6
137.5	1.9	7
140	0.6	8
142.5	0.3	9
145	1.5	100
147.5	1.0	1
150	0.9	2
152.5	3.5	3
155	9.0	4
SEV - 200	~ 0.2 AU	

20,92 : 9
 3,85 : 5
 1,24 : 3

 13,5

15 x 1,26 = 18,9
 1 x 3,06 = 3,06

 21,96 : 14 = 1,57

15 x 1,67 = 25,05
 1 x 1,24 = 1,24

 = 26,29

9 x 0,57 = 5,13
 1 x 3,06 = 3,06

 8,19 / 0,33 = 24,82

2.8
 6.0
 7.2

70,50 - 74 = 3,5m	: 1,00 % Cu	0,5 AU
74,00 - 83 = 9,0m	: 3,06 Cu	1,04 AU
83,00 - 89 = 6,0	: 0,35 Cu	0,1 AU
89,00 - 103 = 14,00	: 5,12 Cu	1,59 AU
103,00 - 111 = 8,00	: 0,88 Cu	~ 0,3 AU

70,50 - 103 = 32,5m	: 3,23 % Cu	1,03 AU
74,00 - 103 = 29,00	: 3,49	1,10
74,00 - 83 = 9,00	: 3,06	1,04
89,00 - 103 = 14,00	: 5,12	1,59

128F :

58 - 60 = 2,0	: 0,31	0,22	
60 - 68 = 8,0	: 3,12	1,15	
68 - 76 = 8,0	: 0,74	0,54	
76 - 85 = 9,0	: 1,05	0,37	1,11 RED
85 - 91 = 6,0	: 0,33	0,30	
91 - 105 = 14,0	: 2,26	0,62	
105 - 111 = 6,0	: 0,3	0,25	
91 - 96 = 5,0	: 1,72	1,03	
60 - 96 = 36,0	: 1,41	1,16	= 2,57
60 - 85 = 25,0	: 1,63	1,40	= 3,03

Profil 1280.

Hill 5128D.

Prove nr.	Bornete.	Cu	NYAU	Am.
67462	150-152	0.00		<0.02
67463	152-154	0.02		0.18
67298	154-157.7	0.21		0.24
67299	154.7-155	0.60		0.04
67300	155-156	0.31		0.03
301	156-157	0.94		0.24
302	157-157.8	1.70		0.45
303	157.8-159	0.31		0.12
304	159-160.1	0.06		0.15
305	160.1-161	0.57		0.14
306	161-162	0.70		0.08
307	162-163 1.00	1.13		0.06
308	163-164 1.00	1.29		0.03
309	164-164.8 0.80	1.57		0.55
310	164.8-166 1.20	3.52		0.29
311	166-167 1.00	4.83		0.23
312	168 1.00	1.63	2.93/0.17	0.31
313	169 1.00	3.05	8.2	0.21
314	170 1.00	3.48		0.10
315	171 1.00	2.37		0.03
316	172 1.00	2.04		0.03
317	173 1.00	2.44		0.13
318	174	0.58		0.06
319	175	0.36		0.24
320	176	0.25		0.32
321	177	0.28		0.06
322	178	0.12		0.03
323	179	0.16		0.07
324	180	0.08		0.09
325	181	0.08		0.12
326	182	0.05		0.08
327	183	0.25		0.04
328	184 1.00	0.06		15.7
329	185 1.00	0.03		0.05
330	185-185.4 0.40	0.48		0.07
331	185.4-186 0.60	1.32	0.23	<0.02
332	187 1.00	2.03	8.51	0.17
333	187 1.00	3.95	11.00	0.72
334	189 1.00	4.41	10.3	<0.02
335	190. 1.00	5.40		<0.02

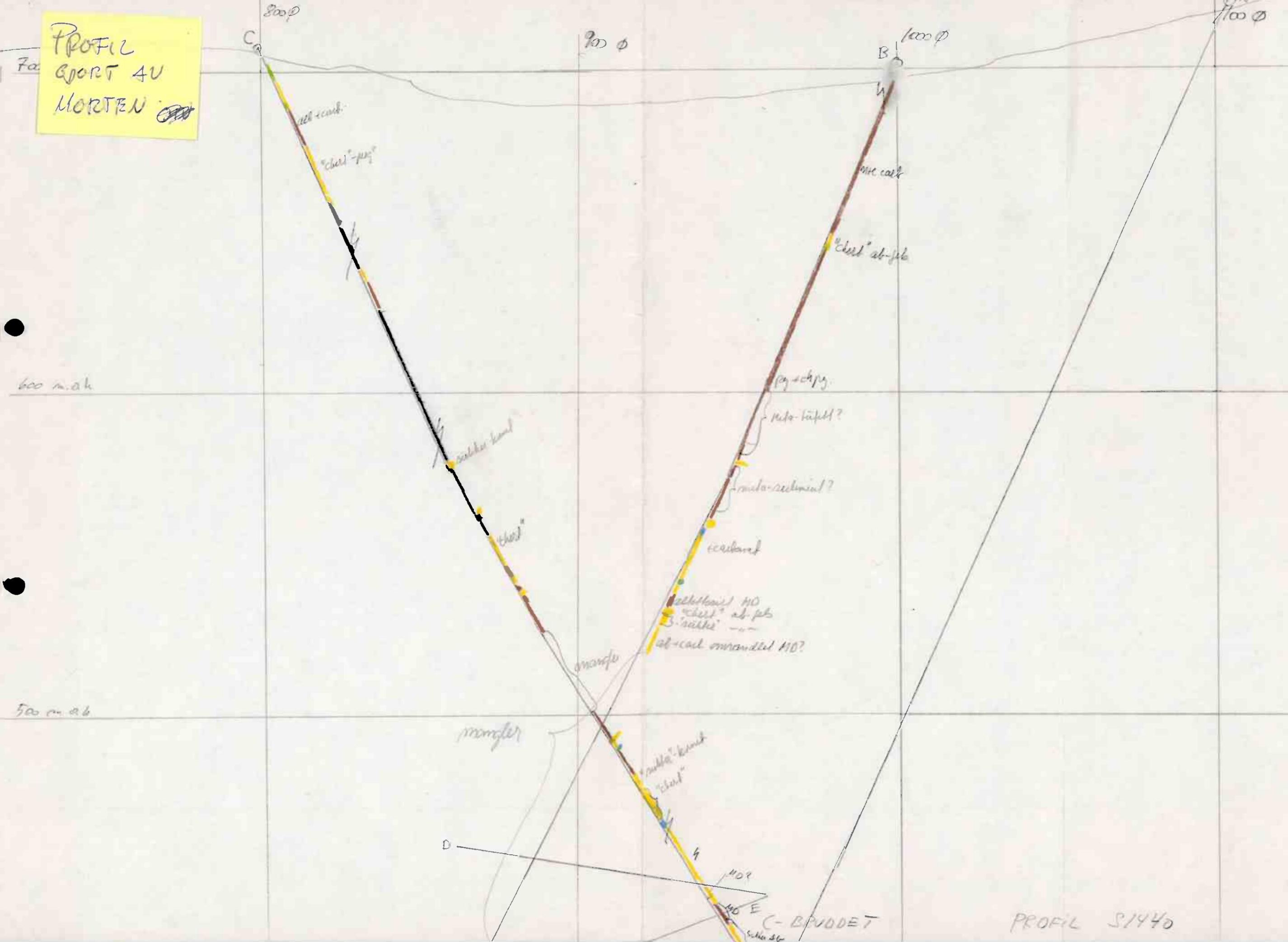
162-173m:
9.52/0.17
7.00

164-173m:
2.61/0.17
7.00

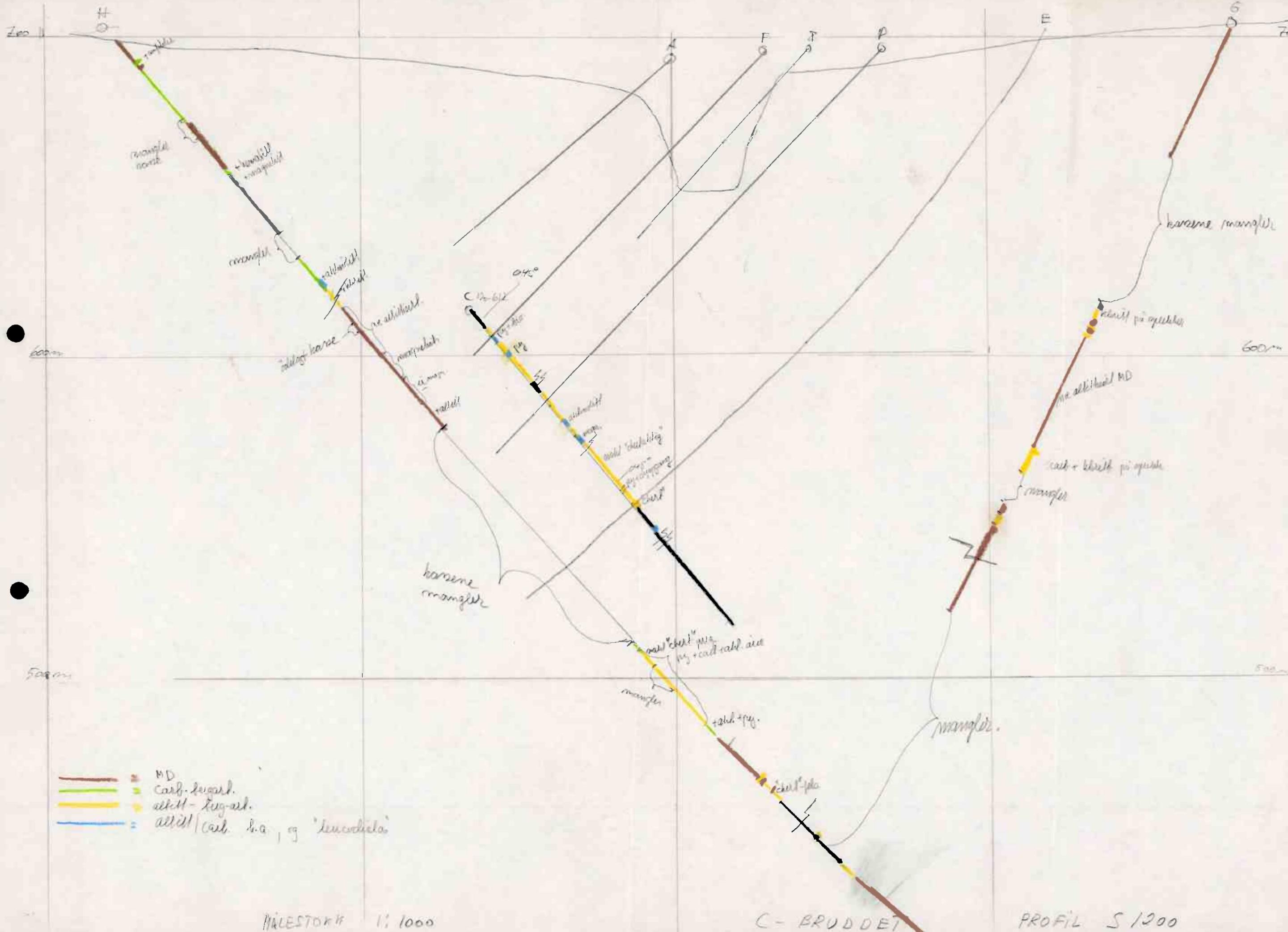
183-190:
2.33/
9.41/0.49
7.00

BOREHULL ... 1984

PROFIL
SPORT 4U
MORTEN



PROFIL S1440

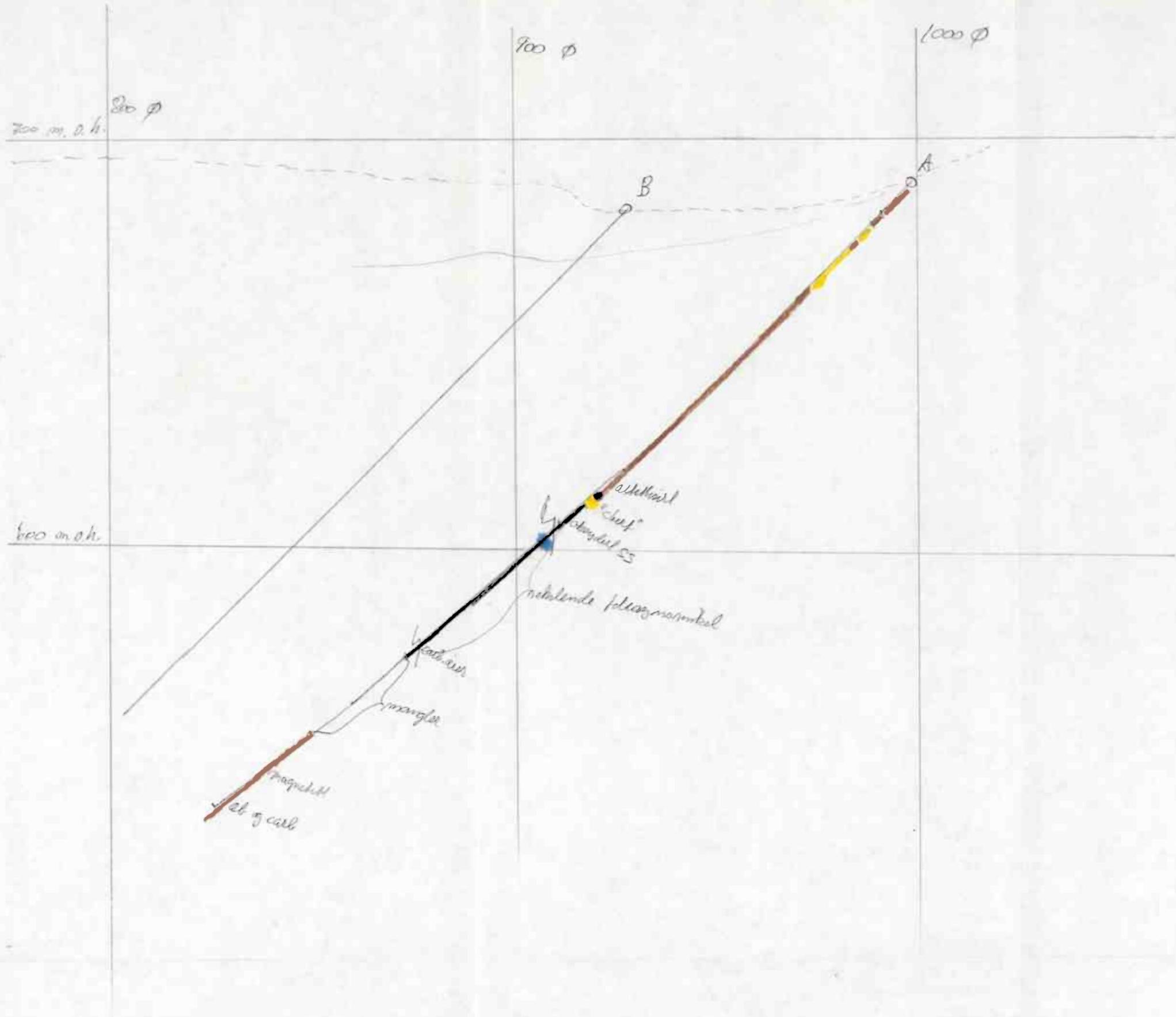


- MD
- Carb. lagart.
- allit-lag-art.
- allit/Carb. h.a., og 'leucodicta'

MÅLSTOKK 1:1000

C-BRUDDET

PROFIL S 1200



1:1000

C-BRUDET PROFIL S 960

Profil 10805.

Hull S108A.

Prove nr	m.	Cu	Au	bergart
3795.58	21.35-22.5	0.5	0.17	alb. fels.
3796	22.5-24	1.18	0.27	"
3797	24-26	1.90	0.60	"
3798	26-28	1.37	1.27	"
3810	77.5-79.5	0.96	1.22	alb. fels.
3811	79.5-81	3.47	5.40	"
3812	81-83	3.94	2.44	"
3813	83-84.3	4.12	3.83	"
3814	84.3-86	1.15	0.69	"
3815	86-87.5	0.95	0.73	"
3816	87.5-88.5	3.47	4.86	"
3817	88.5-90	0.49	0.92	"
3818	90-92	0.26	0.82	"
3819	92-94	0.23	0.64	"
3820	94-96	0.16	0.72	"
3821	96-98	0.27	1.83	"
3822	98-100	0.20	0.90	"
3823	100-102	0.25	0.43	"
3824	102-104	1.25	1.04	"
3825	104-106.	0.17.	0.50	"

21.35-28 (6.65 m) 1.34 Cu. 0.65 Au.

77.5-88.5 (11 m) 2.47 Cu. 2.50 Au.

88.5-106 (17.5) 0.33 Cu 0.812 Au.

Hull S108 φ 6H.

Proven.	m.	Cu	Au	bergart.
7105.62	15.3-16.	0.63	0.26	alb. fels.
7106	16-16.5	0.67	0.17	"
7107	16.5-17	1.19	0.04	"
7108	17-17.5	1.90	0.04	"
7109	17.5-18	0.44	0.04	"
7110	18-18.5	0.86	0.07	"
7111	18.5-19.	1.61	0.12	"
7112	19-19.5	0.51	0.30	"
7113.	19.5-20.	0.71.	0.16.	"

15.3-20. (4.7 m) 0.94 Cu. 0.145 Au.

Profil 1280.

Hill 51280.

Probe nr.	Bohrmeter	Cu	Au
67462	150-152	0.00	<0.02
67463	152-154	0.02	0.18
67298	154-157.7	0.21	0.24
67299	154.7-155	0.60	0.04
67300	155-156	0.31	0.03
301	156-157	0.94	0.24
302	157-157.8	1.70	0.45
303	157.8-159	0.31	0.12
304	159-160.1	0.06	0.15
305	160.1-161	0.57	0.14
306	161-162	0.70	0.08
307	162-163	1.13	0.06
308	163-164	1.29	0.03
309	164-164.8	1.57	0.55
310	164.8-166	3.52	0.29
311	166-167	4.83	0.23
312	168	1.63	0.31
313	169	3.05	0.21
314	170	3.48	0.10
315	171	2.37	0.03
316	172	2.04	0.03
317	173	2.44	0.13
318	174	0.58	0.06
319	175	0.36	0.24
320	176	0.25	0.32
321	177	0.28	0.06
322	178	0.12	0.03
323	179	0.16	0.07
324	180	0.08	0.09
325	181	0.08	0.12
326	182	0.05	0.08
327	183	0.25	0.04
328	184	0.06	15.7
329	185	0.03	0.05
330	185-185.4	0.48	0.07
331	185.4-186	1.32	<0.02
332	187	2.03	0.17
333	188	3.95	0.72
334	189	4.41	<0.02
335	190.	5.80	<0.02.

Profile 1200S.

Hill S120F.

Probe no.	m.	Cu	hi	Bergalt.
3367	62-63.8	0.17	0.27	
3368	63.8-65.6 1.8	1.44	0.53	} 1.11/0.34 5.14
3369	71.8-74 2.2	0.75	0.16	
3370	74-75.4 1.4	1.25	0.36	
3371	75.4-77.	0.20	0.13	
3372	77-78.4	0.27	0.24	
3373	78.4-80	0.45	0.08	
3374	80-82	0.33	0.10	
3375	82-84	0.23	0.12	
3376.	84-85	0.68	0.29.	

Profil 1200S.

Thull S120A.

Probe nr.	m.	Cu	Au	Bergart
67158	41-43	0.03	<0.02	
67159	43-45	2.0	0.87	
2053	45.15-46.65	1.5	2.90 _g	} 18/151 - } ~1.8/2.5 } 4.7 - } ~5.3
67160	47.30-47.70	0.4	0.06	
2054	48.-48.80	0.8	1.25	
67161	49.80-50	0.48	0.11	
2055	50-51	0.32	0.17	
2056	51-52.60	1.14	0.49	
67162	52.60-52.70	0.09	<0.02	
67163	54-56	0.27	0.07	
67164	58	0.07	<0.02	
67165.	60.	0.01.	<0.02	

Thull S120D.

3752	39-41	0.08	0.06			
3753	41-43	0.13	0.05			
3754	43-45	0.36	0.07			
3755	45-47	0.41	0.09			
3756	47-48.6	0.74	0.13			
3757	48.6-50	0.96	0.14			
3758	50-52	0.87	0.08			
3759	52-53.5	3.19	1.22	} 102-77. (25)		
3760	53.5-55	2.36	0.15			
3761	55-56	4.42	1.25	} 2.836m. 2.18 Au.		
62	56-58	6.12	1.57			
63	58-60.3	3.79	2.01	} 3.32 (4.14) 9.1		
64	60.3-62	2.40	1.28			
65	62-64	0.45	0.25			
66	64-66	0.29	0.33			
67	66-68	2	3.19 6.338 4.72	2.46		
68	68-70	2	3.20 6.40	1.96	0.98	
69	70-72	2	5.23 10.43	2.78	13.9 8.18	
70	72-73.5	1.5	2.86 4.27	1.84	1.23	
71	73.5-75.1	1.51	1.80 2.72	1.19	0.79	
72	75.1-77		0.66		1.28	
73	77-79		0.86		0.56	
74	79-81		0.43		0.32	
75	81-82.5		0.59		0.18	
76	82.5-84.		0.25		0.16	
77	101-103		0.39		0.19	
78	105		0.35		0.29	
79	107		0.42		0.20	
80	109		0.37		0.10	
81	111		0.42		0.14	
82	113		0.37		0.11	
83	115		0.56		0.13	
84	117		0.68		0.10	
85.	119		0.89		0.16	

Profil 11805.

Hull S118B.

Probe nr.	m.	Cu	Au.	Bergart.
67353	35-38	0.79	<0.02	gr. st. fels. overgang.
5213	39	0.11	0.17	fels
5214	40	0.38	0.22	fels
5215	41	1.53	0.86	fels.
5065	42-43	1.51	0.89	carbonat bergart
5066	44	2.26	1.42	"
5067	45	1.20	0.87	"
5068	46	0.92	0.55	kvarts rik
5069	47	0.48	0.42	carbonat rik
5070	48	1.22	0.32	"
5071	49	1.82	0.36	"
5072	50	2.19	1.76	"
<hr/>				
5106	88-89	1.83	0.26	ss. - fels.
5107	90	4.61	0.38	fels
5108	91	4.36	0.67	"
5109	92	4.41	1.10	"
5110	93	6.55	1.63	"
5111	94	6.41	1.88	"
5112	95	3.92	3.81	"
5113	96	1.68	1.24	"
5222	97	1.09	0.62	"
5223	98	0.59	2.24	"
67354	99	0.44	0.06	"
67355	99-101.4.	0.29	0.30	fels - ss.

42-50 (8 m) 1.45 Cu. 2.42 Au.

88-98 (10 m) 3.54 Cu. 1.38 Au.

Profile 11805.

Hull S118A

Price no.	m.	Cu.	^{1/4} Cu. Au	Au	Regart.
67344	31-34	0.00		0.59	—
67345	34-37	0.01		0.02	—
67346	37-38	1.19	1.64	0.45	—
5278	39	2.53	3.66	1.17	—
5279	40	1.74	2.98	1.24	—
5280	41	1.33	1.87	0.54	—
5170	42	1.33	1.87	(0.54)	—
5171	43	0.68	1.22	0.54	—
5172	44	2.61	4.70	2.09	—
5173	45	2.05	3.45	1.40	—
5174	46	2.62	3.01	0.99	—
5281	47	0.27	0.70	0.13	—
5282	48	2.77	3.17	0.70	—
5283	49	1.20	5.11	3.91	—
5284	50	0.27		0.16	—
67347	50-53	0.10		0.08	—
67348	53-56	0.23		0.28	—
67605	58-59	0.16		?	—
5175	59-60	0.22		?	—
5176	60-61	1.18		?	—
67606.	61-63-8.	0.02		?	—

1.68/1.20(2.1)
17.0

37-49 (12m) 1.69 Cu. 1.138 Au.

Profil 1160.

Hull S116 D.

Prove nr.	box meter.	Cu	^{1/1} Cu+Au	Au.	Beget.
67349	36-38	0.02		0.05	
67350	40	0.05		0.02	
S001	41	0.11		0.06	
S002	42	0.30		0.16	
S003	43	0.31	0.80	0.49	
S004	44	0.53	0.72	0.19	
S005	45	1.51	2.34	0.83	
S006	46	1.59	2.31	0.72	
S007	47	2.73		0.66	
S008	48	2.23		0.40	
S009	49	3.92		0.51	
S010	50	2.04		0.50	
S011	51	1.93		0.75	
S012	52	2.95		0.78	
S013	53	2.53		1.83	
S014	54	4.07		1.79	
S015	55	0.64	1.50	0.86	
S016	56	4.38		16.4	
S017	56.5	9.29		1.28	
S018	57	0.38		0.10	
S019	58	0.34		0.07	

44-56.5 (12.5) 2.57 Cu. 2.13

50-56.5 (6.5) 3.25 Cu 3.54.

Profil 11405.

Hull S1143.

Proc. no.	m.	Cu	Au.	Bergart.
5268	44-45	0.06	0.73	mixed?
5269	46	0.25	0.03	"
5135	47	0.96	0.34	-
5136	48	1.67	0.60	feh
5137	49	1.71	0.36	"
5138	50	0.99	0.38	-
5139	51	1.41	0.25	-
5140	52	3.39	2.73	-
5141	53	2.76	0.63	-

46-53 (7m) 1.84Cu 0.75Au.

Projil 1140 S.

Itule S114 A.

Pröve nr.	m	Cu	Au	Bezahl.
67391	10.5-12	-	<0.02	
67392	12-14	0.23	<0.02	
67393	14-16	0.05	0.03	
67394.	16-18	0.12	0.03	
5033	20.5-21	0.93	0.17	
5034	22	4.66	0.52	
5035	23	5.71	15.0	
5036	24	10.75	17.0	
5037	25	4.98	0.68	
5038	26	7.20	2.85	
5039	27	6.31	4.23	
5040	28	2.02	0.55	
5041	29	3.95	14.8	
5042	30	2.05	0.40	
5043	31	5.89	19.8	
5044	32	2.75	0.42	
5045	33	6.55	1.08	
5046	34	0.56	0.10	
5047	35	0.72	0.38	
5048	36	0.79	0.40	
5049	37	0.34	0.27	
5224	38	0.34	0.16	
5225	39	3.21	0.11	
5226	40	2.20	2.51	
5227	41	1.11	2.36	
5228	42	0.52	0.14	
5229	43	0.57	0.11	
5230	44	1.14	0.20	
5231	45	0.41	0.13	
5050	46	2.12	0.44	
5051	47	0.64	0.40	
5232	48	0.38	0.08	
5233	49	1.40	0.25	
5234	50	0.81	0.09	
5235	51	0.44	0.16	
5052	52	1.04	0.43	
5053	53	0.49	0.25	
5054	54	0.38	0.24	
5055	55	1.45	0.81	
5056	56	1.48	1.41	
5256.	57	1.25	0.46	

0.93/0.16
2.0

1.39/0.89
3.0

21-33	(12 m)	5.23 Cu.	6.44 Au.
39-41	(2 m)	1.65 Cu	2.43 Au.
54-57	(3 m)	1.39 Cu	0.89 Au.

Profil 11305.

Hull 5113 Ö 6H.

Probe n.	m.	Cu	As	Beregn.
7256	25-25.5	1.30	0.58	ss-fels
7257	25.5-26.	1.26	0.78	fels
7258	26-26.5	2.84	3.14	-
7259	26.5-27	2.15	1.61	-
7260	27-27.5	0.48	0.20	-
7261	27.5-28	2.85	0.38	-
7262	28-28.5	0.56	0.16	-
7263	28.5-29	0.50	0.15	-
7264	29-29.5	0.50	0.16	-
7265	29.5-30	0.74	0.15	-
7266	30-30.5	0.39	0.20	-
7267	30.5-31	0.50	0.30	-
7268	31-31.5	0.67	0.35	-
7269	31.5-32	3.25	1.83	-
7270	32-32.5	1.54	0.56	-
7271	32.5-33	0.64	0.13	-
7272	33-33.5	0.23	0.10	-
7273.	33.5-34.	1.13	0.06	-

25-34 9. 1.196 Cu 0.60 As.
 25-27 2. 1.8875 Cu 1.527 As.

Hull 5113 V - 6H.

7121	20-20.5	0.31	<0.02	
7122	20.5-21	1.73	0.9	●
7123	21-21.5	1.61	1.64	■
7124	21.5-22	0.99	0.44	■
7125	22-22.5	0.38	0.15	■
7126	22.5-23	0.39	0.45	■
7127	23-23.5	0.96	0.19	■
7128	23.5-24	0.26	0.42	■
7129	24-24.5	0.65	0.09	■
7130	24.5-25	0.67	0.54	■
7131	25-25.5	0.77	0.11	■
7132	25.5-26	1.47	0.17	■
7133	26-26.5	0.42	0.15	■
7134	26.5-27	0.45	0.24	■
7135	27-27.5	0.23	<0.02	■
7136	27.5-28	0.25	0.04	
7137	28-28.5	0.29	0.02	
7138	28.5-29	0.52	0.10	■
7139	29-29.5	0.17	0.07	
7140	29.5-30	0.13	0.02	
7141	30-30.5	0.47	0.22	■
7142	30.5-31	0.19	0.05	
7143	31-31.5.	0.26	0.05	

20-31.5. (10.5) 0.64 Cu. 0.29.

Profil 1120 S.

Hole S112C.

Probe n.	m.	Cu	Au	Bergwert
3297	103-105.5	0.20	0.04	
3298	105.5-107	2.30	0.87	■
3299	107-109	2.40	1.85	■
3300	109-111	1.53	0.59	■
3301	111-113	2.98	2.91	■
3302	113-114.40	0.73	0.29	■
3303	114.40-115.80	8.70	0.89	■
3320	180-182	0.32	0.15	~
3321	182-184	0.21	0.04	
3322	184-186	0.23	<0.02	
3323	186-188	1.0	0.11	■
3324	188-190	2.46	0.68	■
3325	190-192	0.87	0.32	■
3326	192-194	0.09	0.52	■
3327	194-196	0.61	1.39	■
3328	196-198.8	1.42	3.71	■
3329	198.8-200.3	0.16	<0.02	
3330	200.3-202	0.08	<0.02	
3331	202-203	0.44	0.41	■
3332	203-205	0.04	<0.02	
3333	205-207	1.40	0.29	■
3334	207-209	0.30	0.16	
3335.	209-211	0.11	<0.02	

1055-115.8. (10.3 m) 3.055 Cu. 1.32 Au.

194-198.8. (4.4) 1.18 Cu. 2.99 Au.

Profil S1120.

Hull S112B.

Prime no.	m.	Cu.	An.	Bergat.
67166	45-48	0.01	0.09	
67167	48-50	0.01	0.02	
67168	50-52	0.30	0.05	
2167	52-54	1.41	1.44	•
2168	54-55	2.34	0.12	•
2169	55-57	0.61	0.17	•
2170	57-59	2.14	0.65	•
2171	54-61	1.62	0.62	•
2172	61-63	1.01	0.38	•
67169	63-65	0.40		
67170	65-68	0.15		
2173	68-70	0.68		•
2174	70-72	0.62		•
67171	72-75	0.45	0.09	•
2175	75-77	0.64	2.86	•
2176	77-78	0.52	0.11	•
2177	78-80	0.23	0.21	
67172	80-82	0.18	0.09	
67173	82-85	0.01		
2178	85-87	0.11		
2179	87-89	0.08		
2180	89-90	1.64		•
2181	90-92	0.21		
67174	92-94	0.02		
67175	94-96	0.06		
2182	96-98	0.84		•
2183	98-100	0.30		
2184	100-102	1.30		•
67176	102-106	0.15	0.10	
2185	106-108	0.41		
67177	108-109	0.20	0.04	
2186	109-111	0.54	1.50	•
2187	111-113	0.54	0.53	•
2188	113-115	0.42	0.51	•
2189	115-117	0.36	0.21	•
67178	117-118	0.10	0.20	
67179	118-119	0.40	0.08	
67180	119-120	0.16	0.63	•
67181	120-122	0.35	0.73	•

52-63 (11 m) 1.45 Cu. 0.598 An.
 75-77 (2 m) 0.64 Cu. 2.86 An.

Profil 11205.

Hull S112A.

Probe Nr.	m.	Cu.	Au	Bezug.
2133.57	8-10	0.81	0.21	Althitt fels.
2134	10-12	1.11	1.03	
2135	12-14	1.19	0.48	
2136	14-16	1.87	0.95	
67182	16-17	0.75	0.23	
2137	17-19	1.90	0.69	
2138	19-21	0.67	0.62	
67183	21-23	0.38	0.10	
67184	23-25	0.07	0.09	
67185	25-28	0.06	0.08	
2139	28-30	0.19	0.15	
2140	30-32	0.31	0.38	
67186	32-33	0.01	0.03	
2141	33-35	0.08	0.06	
67187	35-38	0.06	0.15	
67188	38-41	0.07	0.15	
67189	41-45	0.08	0.42	
2142	45-47	2.69	0.86	
2143	47-49	2.81	0.66	
2144	49-51	4.40	2.19	
2145	51-53	3.89	6.75	
2146	53-55	1.03	0.58	
2147	55-57	1.10	0.62	
2148	57-58	0.30	0.14	
2149	58-60	0.07	0.13	
2150	76-68.40	0.07	0.05	
2151.	78-78.50.	0.06.	0.02	

8-21 (13m) 1.22 Cu 0.63 Au.

45-57 (12m) 2.65 Cu 1.94 Au.

Profil 1100 S.

Hull 5110 V 6H.

Prive nr.	m.	Cu	Ar	Bergart.
7768.62	25-25.5	0.50	0.25	SS
7769	25.5-26	0.03	0.10	SS.
7770	26-26.5	0.80	0.15	SS-karb. bergart
7771	26.5-27	0.81	0.15	karb. bergart.
7772	27-27.5	0.31	0.20	"
7773	27.5-28	0.28	0.22	"
7774	28-28.5	1.27	0.39	"
7775	28.5-29	0.74	0.16	"
7776	29-29.5	1.19	0.13	"
7777	29.5-30	1.26	0.13	fels
7778	30-30.5	0.09	0.13	"
7779	30.5-31	0.13	0.28	"
7780	31-31.5	0.14	0.18	"
7781	31.5-32	0.20	0.38	"
7782	32-32.5	0.89	0.22	fels karb. bergart
7783	32.5-33	1.22	0.53	karb. bergart
7784	33-33.5	0.39	1.24	"
7785	33.5-34	1.17	6.40	"
7786	34-34.5	0.31	0.17	fels
7787	34.5-35	0.59	0.35	"
7788	35-35.5	0.37	0.15	SS
7789	35.5-36	0.03	0.05	"
7790	36-36.5	0.03	<0.02	"
7791.	36.5-37	0.04.	<u>114.2.</u>	SS-fels.

} 2.0

} 2.0

Profil 10805.

Hull S108A. 10805/891φ. 0/325' nivå 636.

Prove nr.	m.	Cu.	Au.
209	55-56	0.17	0.54
10	57	0.19	0.28
11	58	0.21	0.44
12	59.4.	0.88	10.13.

Hull S108C 10805/898φ. 45°/öst nivå 600.

Prove nr.	m	Cu	Au.
650	23-24	0.25	0.03
51	25	0.56	0.18
52	26	0.71	0.03
53	27	1.89	0.08
54	28	1.35	0.46
55	29-29.3	0.74	0.38
56	30.3-31	0.65	0.15
57	32	0.65	0.24
58	33	0.98	0.26
59	33.8	0.45	0.08
60	33.8-35	1.48	
61	36	1.60	1.69
62	37	1.39	0.31
63	38	2.16	0.42
64	39	1.94	0.46
65	39.5	1.79	0.78
66	40	1.65	0.40
67	41	1.09	0.28
68	42	1.68	0.20
69.	43	0.85	0.15

Hull S108D. 10925/828φ. 119/324' nivå 649.

Prove nr.	m.	Cu	Au.
742	39.1-39.5	0.04	0.52
43	39.5-40	0.14	11.50
44	41	0.43	0.19
45	42	0.35	0.16
46	43	0.30	0.17
47	44	0.24	0.11
48	45	2.56	1.55
49	46	0.94	0.28
50	47	0.80	0.94
51	48	2.66	2.33
52	49	4.28	0.60
53	50	3.58	2.52
54	50.5	1.81	6.03
55	51	1.63	1.00
56	52	0.66	0.32

2.36/1.67

7.

Hull S122-115° H 12205/921φ 0/115° nivå 636.

Prövenr	m.	Cu .	Au .
355	0-1	0.39	0.03
56	2	0.64	0.05
57	3	0.55	0.04
58	4	0.39	< 0.02
59	5	0.30	< 0.02
60	6	0.34	< 0.02
61	7	0.32	< 0.02
62	8	0.33	< 0.02
63	9	0.47	0.04
64	10	0.10	0.04
65.	11.2	0.07	< 0.02 .

Hull S108D fort.

probe nr.	m.	Cu.	Au.
757	52-53	1.15	0.57
88	54	3.35	0.13
59	55	1.34	0.28

Profil 1220S.

Hull S122 H-V. 1220S/901 ϕ . 0/255° nivå 636.

Probe nr.	m.	Cu.	Au.
324	0.7-2.0	0.76	0.13
25	2-3	0.52	0.07
26	3-4	0.46	0.04
27	4-5.3	0.71	
28	5.3-5.7	3.98	2.02
29	6.4-7.4	5.75	6.65
30	9.9-10.7	3.78	2.72
31	18.8-19.5	5.38	0.67
32	27.9-28.7	0.25	0.15
33	40.4-41.4	0.02	0.17
34	41.4-42.4	0.01	0.05
35	42.4-44	0.04	0.05
36	44.5-46	0.03	0.26
37	46-47	0.09	0.23
38	47-48.6	0.13	0.26
39	48.6-49.4	1.05	0.51
40	49.4-50	0.23	0.33
41	51.1-52	0.80	0.56
42	52-53	2.92	1.12
43	54	1.84	1.22
44	55	0.43	0.19

Hull S122 75° H. 1220S/921 ϕ . 0/75° nivå 636.

Probe nr.	m.	Cu.	Au.
345	0-1	0.25	0.03
46	2	0.22	0.03
47	3	0.46	0.03
48	4	0.14	<0.02
49	5	0.20	<0.02
50	6	0.28	0.02
51	7	0.57	0.02
52	8	0.10	<0.02
53	9	0.10	<0.02
54.	10	0.08	<0.02

Profil 10805.

Hull S108 V 6H.

Prove nr.	m.	Cu	Au	Bergart.
7606.62	52-52.5	0.01	0.10	SS-fels
7607.62	52.5-53	0.03	0.12	fels
7608	53-53.5	0.09	0.39	-
7609	53.5-54.	0.02	0.07.	-
7224	54-54.5	0.37	1.90	-
7225	54.5-55	0.56	18.8	-
7226	55-55.5	0.07	0.53	-
7227	55.5-56.	0.23	0.38	-
7228.	55-56.	0.20.	0.07.	-

52-56. (4 m) 0.21 Cu. 2.78 Au.
 54-56 (2 m) 0.38 Cu. 5.40. Au.

Caleb Brett



21685
→ Nixon

Caleb Brett Laboratories Ltd.
Lancots Lane, St. Helens,
Merseyside WA9 3ES.
Tel: St. Helens (0744) 611553 Telex: 627844

TS&S

Laboratory Report

To: Aspro Prospektering AS
Postbox 83
1321 Stabekk
Norway

Date: 27-04-1987
Your Ref:

Attention of:- Mr. F. Nixon

Our Ref: 070001

CERTIFICATE OF ANALYSIS

Results are by Fire-assay techniques

Sample No.	Gold g/tonne Au
209	0.54
210	0.28
211	0.44
212	10.13
324	0.13
325	0.07
326	0.04
328	2.02
329	6.65
330	2.72
331	0.67
332	0.15
333	0.17
334	0.05
335	0.05
336	0.26
337	0.23
338	0.26
339	0.51
340	0.33
341	0.56
342	1.12
343	1.22
344	0.19
345	0.03
346	0.03
347	0.03
348	< 0.02
349	< 0.02
350	0.02

GENERAL TERMS AND CONDITIONS OF BUSINESS OF CALEB BRETT LABORATORIES LIMITED

1. DEFINITION

In these general terms and conditions where the context so admits:

1.1 "Caleb Brett" means Caleb Brett Laboratories Limited, a Company incorporated under the Companies Acts and having its Registered Office at International House, Mills Square, Twenty Six to Twenty Eight Cromwell Lane, London, EC3A 3DF.

1.2 "customer" means the person (as defined) with whom Caleb Brett contracts for the provision of services, employees, materials or equipment.

1.3 "company" means an individual, partnership, company, corporation, body or organisation.

2. INTERPRETATION

In these general terms and conditions where the context so admits:

2.1 Words importing the masculine include the feminine and neutral and words importing the neuter include the masculine and feminine.

2.2 Words importing the singular include the plural and vice versa.

3. PRICE

3.1 Caleb Brett may provide services, employees, materials and equipment to the customer. The customer will pay Caleb Brett for services, employees, materials and equipment supplied according to the rate of fees, surcharges and other charges in Caleb Brett's list of prices and charges in use at the time a contract is entered into with the customer with the addition of Value Added Tax or any other taxes imposed on that supply.

3.2 If the performance of a contract with a customer is not completed by twelve months from the time the contract is entered into, Caleb Brett may impose a variation of the rate of fees, surcharges and other charges to take effect from and after the expiry of the said twelve months. If Caleb Brett and the customer fail to reach agreement on any such proposal within one month from the making of the proposal, the contract shall terminate.

3.3 If Caleb Brett provides services, employees, materials or equipment, or incurs outlays for which no provision is made in such list of prices and charges the customer shall pay a reasonable price for these items.

3.4 The customer shall pay Caleb Brett undisputed amounts in invoices and notify Caleb Brett of any objections to invoices within thirty days after the receipt by the customer of each invoice. Interest at the rate of two per cent per annum above the minimum lending rate of the National Westminster Bank PLC at the time shall be payable by the customer on undisputed amounts remaining unpaid after thirty days from the first receipt by the customer of an invoice claiming that amount and on undisputed amounts after thirty days from the settlement of the dispute. Interest shall not run before the expiry of the said period of thirty days.

4. OPERATING CONDITIONS

4.1 Where in order to perform its obligations under a contract it is necessary for Caleb Brett's employees, agents, representatives, materials or equipment to go to an offshore base the customer shall, at its expense, transport such employees, agents, representatives, equipment or materials between the local air base (or such other place as specially agreed) ("the home base") and the offshore base. The customer shall be responsible for the supervision, safety, protection and well-being of such employees, agents, representatives, and the supervision, safety and protection of such materials and equipment whilst in transit between the home base and the offshore base or between two or more offshore bases and whilst situated on offshore bases and the customer shall indemnify Caleb Brett and its employees, agents and representatives against any claims, demands, costs, expenses or liability (including but not limited to the cost of litigation) in respect of a breach of its obligations arising from such responsibility under this Clause by the customer irrespective of any contributory negligence on the part of the person indemnified.

4.2 Where employees, agents or representatives of Caleb Brett are on an offshore base or are being transported to or from it by the customer the customer shall, at its expense, provide food and accommodation for such employees, agents or representatives to a standard not less than that which the customer provides, or would provide, for its employees if they were carrying out similar work.

4.3 While on an offshore base the employees, agents or representatives of Caleb Brett shall not be required to work for more than twelve hours in any one week in exceptional circumstances. This requirement is made in the interest of the accuracy of the work to be performed.

4.4 In the event that the customer shall allow Caleb Brett the use of an employee of the customer that employee shall remain the employee of the customer and shall not become **pro hac vice** the employee of Caleb Brett whether for the purposes of confidentiality of delictual liability or otherwise.

4.5 Where reasonably practicable the customer shall provide, at its expense, telephone and telex facilities at offshore bases for use by the employees, agents or representatives of Caleb Brett for the purpose of communicating with the offices of Caleb Brett.

4.6 For the purpose of these general terms and conditions "offshore base" includes any offshore installation, ship, hovercraft or place outside the mainland of the United Kingdom including, without prejudice to that generality, bases on the British Islands.

5. COMPLIANCE WITH SAFETY RULES

The customer shall comply with all relevant legislation and safety standards affecting the performance of a contract. In the event of a breach of this clause, Caleb Brett shall be entitled to remove its employees, agents or representatives or any materials or equipment from any area affected by the breach until the breach is removed. The customer shall indemnify Caleb Brett against any claims, demands, loss, expense or liability (including but not limited to the cost of litigation) arising by reason of such breach.

6. LIMITATION OF LIABILITY

6.1 The liability of Caleb Brett and its employees, agents or representatives for claims, other than claims for death or personal injury arising out of contractual, quasi-contractual, delictual, quasi-delictual or statutory liability of liability arising in any other manner whatever shall be limited in total for any one incident to the sum of Fifty Thousand Pounds (£50,000) sterling.

6.2 The limitation of liability applies whether or not the claim arises from intentional or negligent acts of Caleb Brett, its employees, agents or representatives.

7. INDEMNITY

7.1 The customer shall indemnify, hold harmless and defend Caleb Brett and its employees, agents and representatives from and against any claims, demands, loss, expense or liability (including but not limited to the cost of litigation) in connection with any contract (whenever being made) as indicated.

7.1.1 arising by reason of claims by governmental authorities or others of any actual or assumed failure of the customer to comply with any law, ordinance, regulation, rule or order of any Government or Judicial Body.

7.1.2 arising by reason of actual or assumed infringement or misappropriation of use by the customer of trade secrets, proprietary information, know-how, copyright rights or patented or unpatented inventions or for actual or alleged unauthorised initiation of the work of others, arising out of the use of methods, processes, designs, information or other things originating with the customer, its employees, agents, representatives, vendors or sub-contractors and furnished or communicated to Caleb Brett or its employees, agents or representatives by the customer or used by Caleb Brett or its employees, agents or representatives in connection with the performance of the contract.

7.1.3 being a claim or demand for, or liability to, or loss or expense by reason of a liability to any person other than the customer (or any person) in the contract for the avoidance of doubt includes but is not limited to employees of Caleb Brett and the customer in respect of personal injury or death, damage to or destruction or loss of property belonging to any person or in any other respect in manner whatever whether Caleb Brett, its employees, agents or representatives have been negligent.

7.2 The indemnity in paragraph 7.1.3 shall only apply where the circumstances preclude the application of particular indemnities set out elsewhere in these general terms and conditions.

8. EXTENSION OF BENEFIT

8.1 In so far as paragraph 4.1, 5, 6, 7 and 11 or any other part of these terms and conditions purport to exclude liability of, or give the benefit of indemnification to anyone other than Caleb Brett, Caleb Brett is or shall be deemed to be acting as agent or trustee on their behalf for their benefit.

8.2 The invalidity or unenforceability of any particular exclusion or restriction of liability provision or any indemnity provision of these general terms and conditions or part thereof shall not affect the validity or enforceability of the remaining provisions or any part thereof.

9. UNUSED SAMPLE PORTIONS

Unused portions of analysis samples are retained by Caleb Brett for one month after completion of the analysis and then disposed of (except those of a dangerous nature where disposal is immediate). The customer may arrange to have such portions retained for a longer period for which facility Caleb Brett will require a storage charge.

10. DURATION OF HIRE CONTRACTS

The hire period for equipment rental commences on the day on which the hired equipment is made available at the relevant Caleb Brett premises in a suitable packaged state for despatch, and terminates on the day of return to the same premises or such other agreed premises.

11. OFF PREMISES SERVICES AND INSTALLATION/COMMISSIONING OF EQUIPMENT

Should the services of Caleb Brett employees, agents or representatives be required at a location other than Caleb Brett's premises ("the foreign location") and/or to install/commission equipment at the customer's site this will be charged at Caleb Brett's normal rates plus travel and living expenses where appropriate. The customer shall be responsible for the supervision, safety and well-being of such employees, agents or representatives whilst they are at the foreign location or at the customer's site and the customer shall indemnify Caleb Brett and its respective employees, agents or representatives against any claim, demand, loss, expense or liability (including but not limited to the cost of litigation) in respect of a breach of its obligations arising from such responsibility under this Clause by the customer irrespective of any contributory negligence.

12. FREIGHT CHARGES

All freight charges for hired equipment to and from such Caleb Brett premises will be charged to the hirer at cost.

13. INSURANCE

13.1 Insurance for the full value of hired equipment to cover loss or damage during the period of hire and while hired equipment is in transit is the responsibility of the hirer. Such insurance should also provide for the loss of rental payments in the event of hired equipment being damaged, destroyed or lost. In prior agreement Caleb Brett can provide suitable insurance cover to be charged at cost to the customer.

14. LOSS OR DAMAGE

14.1 **Loss** - should hired equipment or any part thereof be lost during the period of hire and while in transit to and from site location or location, the customer shall pay the full replacement cost of hired equipment whether or not it is repaired and all loss of profits to Caleb Brett.

14.2 **Damage** - should hired equipment be damaged while in use or in transit as above the customer shall pay the cost of repairs necessary to restore it to its original condition at the beginning of the lease period or for the full replacement cost where it is not repaired, whichever is the lower and all loss of profits to Caleb Brett.

15. SERVICE AND REPAIR

15.1 The customer shall bear the cost of all repair and maintenance to hired equipment. Such repair and maintenance shall be carried out by Caleb Brett, with the consent of Caleb Brett, the customer may carry out such repairs or maintenance or arrange for these to be done by others approved by Caleb Brett. Should hired equipment need emergency repair or maintenance while it is outside the premises of Caleb Brett, the Customer may, without the consent of Caleb Brett, arrange for repairs or maintenance to be carried out up to a cost of Fifty Pounds Sterling for each emergency and shall inform Caleb Brett of the instructions for emergency repair or maintenance as soon as reasonably practicable.

15.2 The customer shall allow Caleb Brett reasonable facilities to enable Caleb Brett to carry out such repair and maintenance. The customer shall allow Caleb Brett to inspect the hired equipment.

16. ALTERATION

Any alteration of these general terms and conditions shall not be binding unless it is in writing and signed on behalf of all the parties to the contract.

17. TERMINATION

Caleb Brett may by notice to the customer terminate any contract if the customer is in material breach of the provisions of the contract or if the customer is declared bankrupt or enters liquidation (other than a members' voluntary liquidation for reconstruction or amalgamation purposes) or files a receiver appointed in respect of any of its property or undertaking or generally makes any arrangement or composition with its creditors.

18. FORCE MAJEURE

Neither Caleb Brett nor the customer shall be liable for failure to fulfil any contract if fulfilment is delayed, hindered or prevented by strikes, war, riots or labour disputes of any kind, acts of God, war, riot, civil disturbances or acts of terrorism. If such delay, hindrance or prevention lasts for more than a continuous period of thirty days either party may by notice to the other party terminate the contract.

19. NON ASSIGNMENT

The customer shall not be entitled to assign a contract or any part of it to the benefit (under it) without the consent of Caleb Brett.

20. SECRECY

20.1 All information (other than information generally available to the public) on the properties or activities of the customer shall be held by Caleb Brett, its employees, agents and representatives in strictest confidence.

20.2 All information (other than information generally available to the public) on the properties or activities of Caleb Brett shall be held by the customer, its employees, agents and representatives in strictest confidence.

20.3 The obligations under this clause shall survive the completion or termination of a contract between customer and without prejudice to that generality, if caused by or arising from frustration, fundamental breach or material breach.

21. APPLICATION OF CONDITIONS

21.1 These general terms and conditions shall apply to all contracts between Caleb Brett and the customer in any of the customer's countries unless and until these general terms and conditions are altered or excluded by express provision in writing signed on behalf of both parties. These general terms and conditions shall supersede all terms and conditions of contract of the customer and unless a prior accepted shall be deemed to be accepted on provision of services, employees, materials or equipment under the contract.

21.2 "Affiliate" for the purpose of this Clause means any holding, subsidiary or associated company of the customer. "Holding and subsidiary company" shall have the meanings set out in Section 154 of the Companies Act 1988 and "associated company" means a company while not being a subsidiary or holding company within the aforesaid meanings is directly or indirectly through a chain of holding and/or subsidiary companies.

22. CHOICE OF LAW

Any contract shall be governed under and governed by the law of England.



CERTIFICATE OF ANALYSIS continued

870001

Sample No.	Gold g/tonne Au
351	0.02
352	< 0.02
353	< 0.02
354	< 0.02
355	0.03
356	0.05
357	0.04
358	< 0.02
359	< 0.02
360	< 0.02
361	< 0.02
362	< 0.02
363	0.04
364	0.04
365	< 0.02
650	0.03
651	0.18
652	0.03
653	0.08
654	0.46
655	0.38
656	0.15
657	0.24
658	0.26
659	0.08
661	1.69
662	0.31
663	0.42
664	0.46
665	0.78
666	0.40
667	0.28
668	0.20
669	0.15
742	0.52
743	11.50
744	0.19
745	0.16
746	0.17
747	0.11


 CERTIFICATE OF ANALYSIS continued

870001

Sample No.	Gold g/tonne Au
-----	-----
748	1.55
749	0.28
750	0.94
751	2.33
752	0.60
753	2.52
754	6.03
755	1.00
756	0.32
757	0.57
758	0.13
759	0.28
1320	0.09
1321	0.18
1322	0.07
1323	0.17
1324	0.07
1325	0.39
1326	0.07
1327	0.53
1328	0.27
1329	0.27
1330	0.22
1345	0.12
1346	0.49
1347	0.45
1348	0.15
1349	0.32
1350	0.70
1351	0.39
1352	0.19
1353	0.85
1362	0.72
1363	0.43
1364	0.78
1365	0.62
1366	0.60
1367	2.16
1368	0.05
1369	< 0.02



CERTIFICATE OF ANALYSIS continued

870001

Sample No.	Gold g/tonne Au
1622	0.43
1623	0.37
1624	0.16
1659	6.35
1660	1.97
1661	0.41
1662	0.87
1663	0.19
1664	0.39
1665	0.22
1666	0.55
1667	2.75
2828	0.18
2829	0.02
2830	< 0.02
2831	0.08
2832	0.63
2833	0.02
2834	0.11
2862	2.24
2863	0.66
2864	0.73
2865	1.20
2925	0.73
2926	0.33
2927	5.40
2928	0.69
2929	0.19
2930	0.49
2931	1.28



Sample No.	Gold g/tonne Au
2932	2.00
2934	0.52
2935	0.40
2936	0.57
2937	0.09
2947	0.20
2948	0.39
2949	0.31
2950	0.15
2951	0.61

For and on behalf of
CALEB BRETT LABORATORIES LIMITED

G.T. Igoe
G.T. Igoe
Technical Manager

73787 ASDRO n
627844 CALBRE G
1298 87-04-28 09:43

TELEX FROM CALES DRETT LABORATORIES LIMITED
ATTN: MR. F. NIXON

OUR REF:- 870001

RESULTS ARE BY FIRE-ASSAY TECHNIQUES
SAMPLE NO. GOLD

G/TONNE AU

209	0.54
210	0.28
211	0.44
212	10.13
324	0.13
325	0.07
326	0.04
328	2.02
329	6.65
330	2.72
331	0.67
332	0.15
333	0.17
334	0.05
335	0.05
336	0.26
337	0.23
338	0.26
339	0.51
340	0.33
341	0.56
342	1.12
343	1.22
344	0.19
345	0.03
346	0.03
347	0.03
348	(0.02
349	(0.02
350	0.02
351	0.02
352	(0.02
353	(0.02
354	(0.02
355	0.03
356	0.05
357	0.04
358	(0.02
359	(0.02
360	(0.02
361	(0.02
362	(0.02
363	0.04
364	0.04
365	(0.02
650	0.03
651	0.18
652	0.03
653	0.08
654	0.46
655	0.38
656	0.15
657	0.24
658	0.26
659	0.08
661	1.69
662	0.31
663	0.42
664	0.46
665	0.78
666	0.40
667	0.28
668	0.20
669	0.15
742	0.52
743	11.50
744	0.19
745	0.16
746	0.17
747	0.11
748	1.55
749	0.28
750	0.94
751	2.33
752	0.60
753	2.52
754	6.03
755	1.00

748	1.39
749	0.28
750	0.94
751	2.33
752	0.60
753	2.52
754	6.03
755	1.00
756	0.32
757	0.57
758	0.13
759	0.28
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1320	0.09
1321	0.10
1322	0.07
1323	0.17
1324	0.07
1325	0.39
1326	0.07
1327	0.53
1328	0.27
1329	0.27
1330	0.22
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1345	0.12
1346	0.49
1347	0.45
1348	0.15
1349	0.32
1350	0.70
1351	0.39
1352	0.19
1353	0.85
<hr/>	
1362	0.72
1363	0.43
1364	0.78
1365	0.62
1366	0.60
1367	2.16
1368	0.05
1369	(0.02
<hr/>	
1622	0.43
1623	0.37
1624	0.16
<hr/>	
1659	6.35
1660	1.97
1661	0.41
1662	0.87
1663	0.19
1664	0.39
1665	0.22
1666	0.55
1667	2.75
<hr/>	
2828	0.18
2829	0.02
2830	(0.02
2831	0.08
2832	0.03
2833	0.02
2834	0.11
<hr/>	
2862	2.24
2863	0.66
2864	0.73
<hr/>	
2865	1.20
2925	0.73
2926	0.33
2927	5.40
2928	0.69
2929	0.19
2930	0.49
2931	1.28
2932	2.00
2934	0.52
2935	0.40
2936	0.57
2937	0.09
<hr/>	
2947	0.20
2948	0.39
2949	0.31
2950	0.15
2951	0.61

REGARDS

B.G. FORSHAW
CBL ST HELENS UK.

*
72987 aspro n
627844 CALBRE G

Profil 520S.

Hull 552A. 520S/870φ. 40° vest.

Prøve nr.	m.	Cu.	Au.
2925	55-56	0.40	0.73
26	-57	0.16	0.33
27	58	0.40	5.40
28	59	0.88	0.69
29	60	0.07	0.19.

Hull 552B 520S/790φ. 45° vest.

Prøve nr.	m.	Cu.	Au.	Cu+Au
2930	57.3-58	1.12	0.49	1.61
31	59	1.78	1.28	3.06
32	60	0.93	2.0	2.93
33	61	0.47		0.47
34	62	0.37	0.52	0.89
35	63	0.38	0.40	0.78
36	64	0.36	0.57	0.93
37	65	0.09	0.09	0.18
	66	1.46	?	1.46
2947	74-75	0.24	0.20	0.44
48	76	0.23	0.39	0.62
49	77	0.41	0.31	0.72
50	78	0.33	0.15	0.48
51	79	0.39	0.61	1.0

Profil 640S.

Hull 564B. 640S/880φ. 45° vest.

Prøve nr	m.	Cu.	Au.
2828	10.5-11	1.10	0.18
29	11-12	0.37	0.02
30	12-12.7	0.15	<0.02
31	13.4-14	0.19	0.08
32	15	0.22	0.03
33	16	0.20	0.02
34	17	0.61	0.11
2862	90-91	1.09	2.44
63	92	0.34	0.66
64.	93	0.34	0.73.

Profil 720 S.

Hull 572 B 720s/905 φ. 45° vest.

pröve nr.	m.	Ca.	Au.
1622	20.7-22	1.51	0.43
23	22-23	1.25	0.37
24	23-24	0.64	0.16
1659	104.9-106	1.80	6.35
60	107	2.78	1.97
61	108	0.18	0.41
62	109	0.39	0.87
63	110	0.18	0.19
64	111	0.26	0.39
65	112	0.05	0.22
66	113	0.06	0.55
67	114.	0.05	2.75.

Profil 840 S.

Hull 584A. 840s/905 φ 45° vest.

Pröve nr.	m.	Ca.	Au.
1320	38-39		0.09
21	40	0.53	0.10
22	41	0.08	0.07
23	42	0.13	0.17
24	43	0.12	0.07
25	44	0.33	0.39
26	45	0.13	0.07
27	46	0.35	0.53
28	47	0.43	0.27
29	48	0.35	0.27
30	49	0.24	0.22
1345	63-64	0.04	0.12
46	65	0.22	0.49
47	66	0.12	0.45
48	67	0.13	0.15
49	68	0.11	0.32
50	69	0.14	0.70
51	70	0.24	0.39
52	71	0.14	0.19
53	72	0.20	0.85
1362	91-92	0.12	0.72
63	93	0.40	0.43
64	94	0.87	0.78
65	95	0.75	0.62
66	96	0.58	0.60
67	97	0.02	2.16
68	98	0.06	0.05
9	99	0.0	0.0

Profil 680 S.

Hull S68A.

Prove nr.	m.	Cu	Au	bergart
4117.59	66-67.3	0.35	0.32	grafitt jel.
4118	67.3-68	0.63	0.85	altritt fels
4119	68-69	0.34	0.27	"
4120	69-70	0.77	0.87	"
4121	70-71	0.31	0.83	"
4122	71-72	0.09	0.12	"

67.3 - 71 (3.7m) 0.50 Cu. 0.693 Au.

Profil 5605.

Hull 556A

Probe nr.	m.	Cu	Au	bergart.
3039-58	37.5-39.	0.61	3.59	fels.
3040.	39-40.2.	0.62.	0.90.	

37.5-40.2 (2.7m). 0.61 Cu 2.394 Au.

Profil 480 S.

Hull 548E.

Prøve nr.	metr.	Cu.	Au.	Bergart
3114.58	34-36.9	0.05	0.12	alt felse
3115	36.9-39.	0.68	1.22	brekket felse m. bio, kloritt
3116	39-41	0.70	1.31	og aditinalitt
3117	41-43	0.48	0.50	"
3118	43-45	0.97	2.0	"
3119	45-47	0.69	1.48	"
3120	47-49	0.61	9.95	"
3121	49-51	1.26	10.0	"
3122	51-53	0.56	1.17	"
3123	53-55	0.82	1.06	"
3124.	55-57.	0.23	0.20.	"

36.9-47. (20.1m) 0.67.

36.9-55 (18.1m) 0.74. 3.17

Caleb Brett



Caleb Brett Laboratories Ltd.
Lancots Lane, St. Helens,
Merseyside WA9 3ES,
Tel: St. Helens (0744) 611553

Telex: 627844

T556

31152

*→ Nixon.
How in
alt client file?*

Laboratory Report

To: **Prospektering A/S
Gamle Ringeriks Vei 14
Postbox 83
1321 Stabekk,
Norway**

Date: **23-03-1987**

Your Ref:

Our Ref:

Attention of: - **Mr F Nixon**

87C015

CERTIFICATE OF ANALYSIS

Results are by Fire-assay techniques

Sample No.	Gold g/tonne Au
3039/58	3.59
3040/58	0.90
3114/58	0.12
3115/58	1.22
3116/58	1.31
3117/58	0.50
3118/58	2.00
3119/58	1.48
3120/58	9.95
3121/58	10
3122/58	1.17
3123/58	1.06
3124/58	0.20
3143/58	0.11
3144/58	0.40
3174/58	0.12
3175/58	0.06
3176/58	0.07
3177/58	0.71
3180/58	0.08
3181/58	0.09
3182/58	0.13
3183/58	0.19
3292/58	0.20
3293/58	0.08
3294/58	0.14
3295/58	0.29
3296/58	0.05
3367/58	0.27
3368/58	0.53

FRANK N,

GENERAL TERMS AND CONDITIONS OF BUSINESS OF CALEB BRETT LABORATORIES LIMITED

1. DEFINITION

1.1 These general terms and conditions shall apply to all contracts for the supply of:
1.1.1 "Caleb Brett" means Caleb Brett Laboratories Limited, a company incorporated under the Companies Act 1948 and having its registered office at International House, Mills Square, Twenty Six to Twenty Eight Drednouth Lane, London, E20 3ED
1.2 "customer" means the person (as defined) with whom Caleb Brett contracts for the provision of services, employees, materials or equipment
1.3 "person" means any individual, partnership, company, corporation, body or organisation

2. INTERPRETATION

2.1 These general terms and conditions shall apply to all contracts for the supply of:
2.1.1 Goods comprising the machine inputs the turbine and tender and winds inputting the rotor (include the nacelle and turbine)
2.2 Words importing the singular include the plural and vice versa

3. PRICE

3.1 Caleb Brett may provide services, employees, materials and equipment to the customer. The customer will pay Caleb Brett for services, employees, materials and equipment supplied according to the rate of fees, outlays and other charges in Caleb Brett's list of prices and charges in use at the time a contract is entered into with the customer with the addition of Value Added Tax or any other taxes imposed on that supply
3.2 If the performance of a contract with a customer is not completed by twelve months from the time the contract is entered into, Caleb Brett may propose a variation of the rate of fees, outlays and other charges to take effect from and after the expiry of the next twelve months. If Caleb Brett and the customer fail to reach agreement on any such proposal within one month from the making of the proposal, the contract shall terminate

3.3 If Caleb Brett provides services, employees, materials or equipment, in hours, outlays for which no provision is made in such list of prices and charges the customer shall pay a reasonable price for these items
3.4 The customer shall pay Caleb Brett undischarged amounts in invoices and notify Caleb Brett of any objections to invoices within thirty days after the receipt by the customer of each invoice. Interest at the rate of two per cent per annum above the maximum lending rate of the Federal Reserve Bank F.R.C. at the time shall be payable by the customer on undischarged amounts remaining unpaid after thirty days from the first receipt by the customer of an invoice stating that amount and on unpaid disputed amounts after thirty days from the settlement of the dispute. Interest shall not run before the expiry of the last period of thirty days

4. OPERATING CONDITIONS

4.1 When in order to perform its obligations under a contract it is necessary for Caleb Brett's employees, agents, representatives, materials or equipment to go to an offshore base the customer shall, at its expense, transport such employees, agents, representatives, equipment or materials between the local air base or such other place if specially agreed, ("the home base") and the offshore base. The customer shall be responsible for the supervision, safety, protection and well-being of such employees, agents, representatives, and the supervision, safety and protection of such materials and equipment whilst in transit between the home base and the offshore base or between two or more offshore bases and whilst situated on offshore bases and the customer shall indemnify Caleb Brett and its employees, agents and representatives against any claim, demand, loss, expense or liability (including but not limited to the cost of litigation) in respect of a breach of its obligations arising from such responsibility under the clause by the customer irrespective of any contributory negligence on the part of the person indemnified
4.2 While employees, agents or representatives of Caleb Brett are on an offshore base or are being transported to or from it, the customer shall, at its expense, provide food and accommodation for such employees, agents or representatives to a standard not less than that which the customer provides, or would provide, for its employees if they were carrying out similar work
4.3 While on an offshore base the employees, agents or representatives of Caleb Brett shall not be required to work for more than twelve hours in any one week in exceptional circumstances. This requirement is made in the interest of the accuracy of the work to be performed
4.4 In the event that the customer shall allow Caleb Brett the use of an employee of the customer that employee shall remain the employee of the customer and shall not become **pro hac vice** the employee of Caleb Brett whether for the purpose of manufacture of individual liability or otherwise
4.5 Where reasonably practicable the customer shall provide, at its expense, telephone and telex facilities at offshore bases for use by its employees, agents or representatives of Caleb Brett for the purpose of communicating with the offices of Caleb Brett
4.6 For the purpose of these general terms and conditions "offshore base" includes any offshore installation, ship, hovercraft or plane outside the mainland of the United Kingdom (including, without prejudice to that generality, bases in the British Islands)

5. COMPLIANCE WITH SAFETY RULES

The customer shall comply with all relevant operation and safety standards affecting the performance of a contract. In the event of a breach of this clause Caleb Brett shall be entitled to remove its employees, agents or representatives or any materials or equipment from any area affected by the breach until the breach is remedied. The customer shall indemnify Caleb Brett against any claim, demand, loss, expense or liability (including but not limited to the cost of litigation) arising by reason of such breach

6. LIMITATION OF LIABILITY

6.1 The liability of Caleb Brett and its employees, agents or representatives for claims, other than claims for death or personal injury arising out of contractual, quasi-contractual, delictual, quasi-delictual or statutory liability of liability arising in any other manner whatever shall be limited in total for any incident to the sum of Fifty Thousand Pounds (£50,000) netting

6.2 This limitation of liability applies whether or not the claim arises from intentional or negligent acts of Caleb Brett, its employees, agents or representatives

7. INDEMNITY

7.1 The customer shall indemnify, hold harmless and defend Caleb Brett and its employees, agents and representatives from and against any claim, demand, loss, expense or liability (including but not limited to the cost of litigation) in connection with any contract (connection being direct or indirect)

7.1.1 arising by reason of claims by Governmental authorities or officers of any actual or asserted failure of the customer to comply with any law, ordinance, regulation, rule or order of any Governmental or judicial body
7.1.2 arising by reason of actual or asserted infringement or improper appropriation or use by the customer of trade secrets, proprietary information, know-how, copyright rights or patented or unpatented inventions or for actual or alleged unauthorised imitation of the work of others, arising out of the use of methods, processes, designs, information or other things originating with the customer, its employees, agents, representatives, vendors, sub-contractors, and furnished or communicated to Caleb Brett or its employees, agents or representatives by the customer or used by Caleb Brett or its employees, agents or representatives in connection with the performance of the contract

7.1.3 being a claim or demand from, or liability to, or loss or expense by reason of a liability to any person other than the customer ("any person") or the contract for the avoidance of doubt includes but is not limited to employees of Caleb Brett and the customer in respect of personal injury or death, damage to, or destruction or loss of property belonging to any person or in any other respect or manner whatever provided neither Caleb Brett, its employees, agents or representatives have been negligent

7.2 The indemnity in paragraph 7.1.3 shall only apply where the circumstances preclude the application of particular provisions set out elsewhere in these general terms and conditions

8. EXTENSION OF BENEFIT

8.1 In order for paragraphs 4.1, 4.2, 4.3 and 11 or any other part of these terms and conditions (purport) to exclude liability of, or give the benefit of indemnification to anyone other than Caleb Brett, Caleb Brett (or shall be deemed to be acting as agent or trustee or their behalf) for their benefit

8.2 The validity or enforceability of any particular provision or restriction of liability provision or any indemnity provision of these general terms and conditions in part thereof shall not affect the validity or enforceability of the remaining provisions in any part thereof

9. UNUSED SAMPLE PORTIONS

Unused portions of analysis samples are retained by Caleb Brett for one month after completion of the analysis and then disposed of except those of a dangerous nature where disposal is immediate. The customer may arrange to have such portions retained for a longer period for which facility Caleb Brett will require a storage charge

10. DURATION OF HIRE CONTRACTS

The hire period for equipment rental commences on the day on which the hired equipment is made available at the relevant Caleb Brett premises in a suitably packaged state for despatch, and terminates on the day of return to the same premises in such other agreed premises

11. OFF PREMISES SERVICES AND INSTALLATION/COMMISSIONING OF EQUIPMENT

Should the services of Caleb Brett employees, agents or representatives be required at a location other than Caleb Brett premises ("the foreign location"), and/or to install/commission equipment on the customer's site this will be charged at Caleb Brett's normal rates plus travel and living expenses where appropriate. The customer shall be responsible for the supervision, safety and well-being of such employees, agents or representatives whilst they are at the foreign location or on the customer's site and the customer shall indemnify Caleb Brett and its respective employees, agents or representatives against any claim, demand, loss, expense or liability (including but not limited to the cost of litigation) in respect of a breach of its obligations arising from such responsibility under the clause by the customer irrespective of any contributory negligence

12. FREIGHT CHARGES

All carriage charges for hired equipment to and from such Caleb Brett premises will be charged to the hirer at cost

13. INSURANCE

Insurance for the full value of hired equipment is cover loss or damage during the period of hire and whilst hired equipment is in transit is the responsibility of the hirer. Such insurance should also provide for the loss of rental payment in the event of hired equipment being damaged, destroyed or lost. By prior agreement Caleb Brett can provide suitable insurance cover to be charged to the cost of the customer

14. LOSS OR DAMAGE

14.1 **Loss** - should hired equipment or any part thereof be lost during the period of hire or whilst in transit (transit from site location or location), the customer shall pay the full replacement cost of hired equipment whether or not it is replaced and all loss of profits to Caleb Brett

14.2 **Damage** - should hired equipment be damaged whilst in use or in transit as above the customer shall pay the cost of repairs necessary to restore it to its original condition at the beginning of the next period of hire for the full replacement cost where it is not repaired otherwise at the lower and at loss of profits to Caleb Brett

15. SERVICE AND REPAIR

15.1 The customer shall bear the cost of all repairs and maintenance to hired equipment. Such repair and maintenance shall be carried out by Caleb Brett. With the consent of Caleb Brett, the customer may carry out such repair or maintenance or arrange for these to be done by others approved by Caleb Brett. Should hired equipment need emergency repair or maintenance whilst it is outside the premises of Caleb Brett, the customer may, without the consent of Caleb Brett, arrange for repair or maintenance to be carried out up to a cost of Fifty Pounds Sterling for each emergency and shall inform Caleb Brett of the instructions for emergency repair or maintenance as soon as reasonably practicable

15.2 The customer shall allow Caleb Brett reasonable facilities to enable Caleb Brett to carry out such repair and maintenance. On being given reasonable notice the customer shall allow Caleb Brett to inspect the hired equipment

16. ALTERATION

Any alteration of these general terms and conditions shall not be binding unless it is in writing and signed on behalf of all the parties to the contract

17. TERMINATION

Caleb Brett may by notice to the customer terminate any contract if the customer is in material breach of the provisions of that contract or if the customer is declared bankrupt or goes into liquidation (other than a members voluntary liquidation for reconstruction or amalgamation purposes) or has a receiver appointed in respect of any of its property or undertaking or generally makes any arrangement or composition with its creditors

18. FORCE MAJEURE

Neither Caleb Brett nor the customer shall be liable for failure to fulfil any contract if fulfillment is delayed, hindered or prevented by strike, war, riots or labour disputes of any kind, acts of God, war, riot, civil disturbance or acts of terrorism. If such delay, hindrance or prevention lasts for more than a continuous period of thirty days, either party may by notice to the other party terminate the contract

19. NON-ASSIGNATION

This contract shall not be assigned or assigned to any part of it or the benefit under it without the consent of Caleb Brett

20. SECRECY

20.1 All information (other than information generally available to the public) on the properties or activities of the customer shall be held by Caleb Brett, its employees, agents and representatives in strict confidence

20.2 All information (other than information generally available to the public) on the properties or activities of Caleb Brett shall be held by the customer, its employees, agents and representatives in strict confidence

20.3 The obligations under this clause shall survive the completion or termination of a contract however caused, and without prejudice to that generality, it caused by or arising from frustration, fundamental breach or material breach

21. APPLICATION OF CONDITIONS

21.1 These general terms and conditions shall apply to all contracts between Caleb Brett and the customer or any of the customer's affiliated vessels and until these general terms and conditions are altered or excluded by express provision in writing signed on behalf of both parties. These general terms and conditions shall supersede all terms and conditions of contract of the customer and unless some alteration shall be deemed to be accepted in provision of services, employees, materials or equipment under the contract

21.2 "Affiliate" for the purpose of this clause means any holding, subsidiary or associated company of the customer, "holding and subsidiary company" shall have the meanings set out in Section 134 of the Companies Act 1948 and "associated company" means a company while not being a subsidiary or holding company within the aforesaid meanings or directly connected through a chain of holding and/or subsidiary companies

22. CHOICE OF LAW

Any contract shall be construed under and governed by the law of England



CERTIFICATE OF ANALYSIS continued

87C015

Sample No.	Gold g/tonne Au
3369/58	0.16
3370/58	0.36
3371/58	0.13
3372/58	0.24
3373/58	0.08
3374/58	0.10
3375/58	0.12
3376/58	0.29
3752/58	0.06
3753/58	0.05
3754/58	0.07
3755/58	0.09
3756/58	0.13
3757/58	0.14
3758/58	0.08
3759/58	1.22
3760/58	0.15
3761/58	1.25
3762/58	1.59
3763/58	2.01
3764/58	1.28
3765/58	0.25
3766/58	0.33
3767/58	2.46
3768/58	0.98
3769/58	13.9
3770/58	1.23
3771/58	0.79
3772/58	1.28
3773/58	0.56
3774/58	0.32
3775/58	0.18
3776/58	0.16
3777/58	0.19
3778/58	0.29
3779/58	0.20
3780/58	0.10
3781/58	0.14
3782/58	0.11
3783/58	0.13



CERTIFICATE OF ANALYSIS continued

87C015

Sample No.	Gold g/tonne Au
3784/58	0.10
3785/58	0.16
3786/58	0.42
3795/58	0.17
3796/58	0.27
3797/58	0.60
3798/58	1.27
3810/58	1.22
3811/58	5.40
3812/58	2.44
3813/58	3.83
3814/58	0.69
3815/58	0.73
3816/58	4.86
3817/58	0.92
3818/58	0.82
3819/58	0.64
3820/58	0.72
3821/58	1.83
3822/58	0.90
3823/58	0.43
3824/58	1.04
3825/58	0.50
3090/58	0.34
6/56	0.48
59/56	0.81
60/56	0.08
75/56	0.26
76/56	0.06
77/56	0.09
169/56	0.63
170/56	0.05
358/56	0.15
359/56	0.63
360/56	1.21
361/56	0.26
362/56	0.37
363/56	0.38
364/56	0.13
365/56	0.53

1035 A

1085 A



CERTIFICATE OF ANALYSIS continued

87C015

Sample No.	Gold g/tonne Au	
2053/57	2.90	
2054/57	1.25	
2055/57	0.17	
2056/57	0.49	
2133/57	0.21	1125 A
2134/57	1.03	
2135/57	0.48	
2136/57	0.95	
2137/57	0.69	
2138/57	0.62	
2139/57	0.15	
2140/57	0.38	
2141/57	0.06	
2142/57	0.86	
2143/57	0.66	1125 B
2144/57	2.19	
2145/57	6.75	
2146/57	0.58	
2147/57	0.62	
2148/57	0.14	
2149/57	0.13	
2150/57	0.05	
2151/57	0.02	
2167/57	1.44	
2168/57	0.12	
2169/57	0.17	
2170/57	0.65	
2171/57	0.62	
2172/57	0.38	
2175/57	2.86	
2176/57	0.11	
2177/57	0.21	
2186/57	1.50	
2187/57	0.53	
2188/57	0.51	
2189/57	0.21	
4117/60	0.32	
4118/60	0.85	
4119/60	0.27	
4120/60	0.87	


 CERTIFICATE OF ANALYSIS continued

87C015

Sample No.	Gold g/tonne Au

4121/60	0.83
4122/60	0.12
5001/60	0.06
5002/60	0.16
5003/60	0.49
5004/60	0.19
5005/60	0.83
5006/60	0.72
5007/60	0.66
5008/60	0.40
5009/60	0.51
5010/60	0.50
5011/60	0.75
5012/60	0.78
5013/60	1.83
5014/60	1.79
5015/60	0.86
5016/60	16.4
5017/60	1.28
5018/60	0.10
5019/60	0.07
5033/60	0.17
5034/60	0.52
5035/60	15.0
5036/60	17.0
5037/60	0.68
5038/60	2.85
5039/60	4.23
5040/60	0.55
5041/60	14.8
5042/60	0.40
5043/60	19.8
5044/60	0.42
5045/60	1.08
5046/60	0.10
5047/60	0.38
5048/60	0.40
5049/60	0.27
5050/60	0.44
5051/60	0.40

} 688 A

} 1145 A



CERTIFICATE OF ANALYSIS continued

87C015

Sample No.	Gold g/tonne Au
5052/60	0.43
5053/60	0.25
5054/60	0.24
5055/60	0.81
5056/60	1.41

} 1145 A.

For and on behalf of
CALEB BRETT LABORATORIES LIMITED

G. T. Ibbs
Technical Manager



CERTIFICATE OF ANALYSIS continued

87C015

Sample No.	Gold g/tonne Au
5052/60	0.43
5053/60	0.25
5054/60	0.24
5055/60	0.81
5056/60	1.41

1148 A.

For and on behalf of
CALEB BRETT LABORATORIES LIMITED

G. T. Ibbs
Technical Manager

Caleb Brett



Caleb Brett Laboratories Ltd.
Lancots Lane, St. Helens,
Merseyside WA9 3ES.
Tel: St. Helens (0744) 611553

31151
→ Nixon.
Hvis er alt
dette fra.

Telex: 627844

TS45

Laboratory Report

To: **Prospektering A/S**
Gaule Ringeriks Vei 14
Postbox 83
1321 Stabekk,
Norway

Date: **23-03-1987**

Your Ref:

Our Ref:

Attention of: - Mr F Nixon

87C016

CERTIFICATE OF ANALYSIS

Results are by Fire-assay techniques

Sample No.	Gold g/tonne Au
5065/60	0.89
5066/60	14.2
5067/60	0.87
5068/60	0.55
5069/60	0.42
5070/60	0.32
5071/60	0.36
5072/60	1.76
5106/60	0.26
5107/60	0.38
5108/60	0.67
5109/60	1.10
5110/60	1.63
5111/60	1.88
5112/60	3.81
5113/60	1.24
5135/60	0.34
5136/60	0.60
5137/60	0.36
5138/60	0.38
5139/60	0.25
5140/60	2.73
5141/60	0.63
5171/60	0.54
5172/60	2.09
5173/60	1.40
5174/60	0.99
5213/60	0.17
5214/60	0.22
5215/60	0.86

GENERAL TERMS AND CONDITIONS OF BUSINESS OF CALEB BRETT LABORATORIES LIMITED

1. DEFINITION

In these general terms and conditions where the context so admits:-
1.1 "Caleb Brett" means Caleb Brett Laboratories Limited, a Company incorporated under the Companies Act and having its registered office at International House, Nine Square, Twenty Six to Twenty Eight Dreadsouth Lane, London, EC3A 8D.
1.2 "customer" means the person (as defined) with whom Caleb Brett contracts for the provision of services, employees, materials or equipment.
1.3 "we/us" means individual, partnership, company, corporation, body or organisation.

2. INTERPRETATION

In these general terms and conditions where the context so admits:-
2.1 Words importing the masculine include the feminine and vice versa and words importing the neuter include the masculine and feminine.
2.2 Words importing the singular include the plural and vice versa.

3. PRICE

3.1 Caleb Brett may provide services, employees, materials and equipment to the customer. The customer will pay Caleb Brett for services, employees, materials and equipment supplied according to the rate of fees, outlays and other charges in Caleb Brett's list of prices and charges in use at the time a contract is entered into with the customer with the addition of Value Added Tax or any other taxes imposed on that supply.
3.2 If the performance of a contract with a customer is not completed by twelve months from the date the contract is entered into, Caleb Brett may propose a variation of the rate of fees, outlays and other charges to take effect from and after the expiry of the said twelve months. If Caleb Brett and the customer fail to reach agreement on any such proposal within one month from the making of the proposal, the contract shall terminate.

3.3 If Caleb Brett provides services, employees, materials or equipment, in hours (outside for which no provision is made in such list of prices and charges) the customer shall pay a reasonable price for these items.
3.4 The customer shall pay Caleb Brett undisputed amounts in invoices and notify Caleb Brett of any objections to invoices within thirty days after the receipt by the customer of each invoice. Interest at the rate of two per cent per annum above the maximum lending rate of the National Westminster Bank PLC at the time shall be payable by the customer on undisputed amounts remaining unpaid after thirty days from the date of the invoice by the customer or an invoice claiming that amount and on undisputed amounts after thirty days from the settlement of the dispute in respect of any such invoice but not before the expiry of the said periods of thirty days.

4. OPERATING CONDITIONS

4.1 When in order to perform its obligations under a contract it is necessary for Caleb Brett's employees, agents, representatives, materials or equipment to go to an offshore base the customer shall, at its expense, transport such employees, agents, representatives, equipment or materials between the local air base or such other place if specially agreed ("the home base") and the offshore base. The customer shall be responsible for the supervision, safety, contact and well-being of such employees, agents, representatives, and the supervision, safety and protection of such materials and equipment whilst in transit between the home base and the offshore base or between two or more offshore bases and whilst situated on offshore bases and the customer shall indemnify Caleb Brett and its employees, agents and representatives against any claim, demand, loss, expense or liability (including but not limited to the cost of litigation) in respect of a breach of its obligations arising from such responsibility under the Clause by the customer irrespective of any contributory negligence on the part of the person indemnified.
4.2 While employees, agents or representatives of Caleb Brett are on an offshore base or are being transported to or from it by the customer the customer shall, at its expense, provide food and accommodation for such employees, agents or representatives to a standard not less than that which the customer provides, or would provide, for its employees if they were carrying out similar work.
4.3 While on an offshore base the employees, agents or representatives of Caleb Brett shall not be required to work for more than twelve hours in any day unless in exceptional circumstances. This requirement is made in the interest of the accuracy of the work to be performed.
4.4 In the event that the customer shall allow Caleb Brett the use of an employee of the customer that employee shall remain an employee of the customer and shall not become an employee of Caleb Brett whether for the purpose of contractual or personal liability or otherwise.
4.5 Where reasonably practicable the customer shall provide, at its expense, telephone and telex facilities at offshore bases for use by the employees, agents or representatives of Caleb Brett for the purpose of communicating with the office of Caleb Brett.
4.6 For the purpose of these general terms and conditions "offshore base" includes any offshore installation, ship, hovercraft or place outside the mainland of the United Kingdom (including without prejudice to that generality, bases on the English coast).

5. COMPLIANCE WITH SAFETY RULES

The customer shall comply with all relevant legislation and safety standards affecting the performance of a contract. In the event of a breach of this clause Caleb Brett shall be entitled to remove its employees, agents or representatives or any materials or equipment from any site affected by the breach until the breach is remedied. The customer shall indemnify Caleb Brett against any claim, demand, loss, expense or liability (including but not limited to the cost of litigation) arising by reason of such breach.

6. LIMITATION OF LIABILITY

6.1 The liability of Caleb Brett and its employees, agents or representatives for claims, other than claims for death or personal injury arising out of contractual, quasi contractual, delictual, quasi delictual or statutory liability of liability arising in any other manner whatever shall be limited in total for any incident to the sum of Fifty Thousand Pounds (£50,000) sterling.

6.2 This limitation of liability applies whether or not the claim arises from intentional or negligent acts of Caleb Brett, its employees, agents or representatives.

7. INDEMNITY

7.1 The customer shall indemnify, hold harmless and defend Caleb Brett and its employees, agents and representatives from and against any claim, demand, loss, expense or liability (including but not limited to the cost of litigation) in connection with any contract (whenever being direct or indirect):

7.1.1 arising by reason of claims by Governmental authorities or officers of any actual or assumed failure of the customer to comply with any law, ordinance, regulation, rule or order of any Governmental or Judicial Body;

7.1.2 arising by reason of actual or assumed infringement or improper appropriation or use for the customer of trade secrets, proprietary information, know-how, copyright rights or patented or unpatented inventions or by actual or alleged unauthorised imitation of the work of others, arising out of the use of methods, processes, designs, information or other things originating with the customer, its employees, agents, representatives, vendors or sub-contractors, and furnished or communicated to Caleb Brett or its employees, agents or representatives by the customer or used by Caleb Brett or its employees, agents or representatives in connection with the performance of the contract;

7.1.3 being a claim or demand from, or liability to, or loss or expense by reason of a liability to any person (other than the customer, its agents or representatives) in this contract for the avoidance of doubt includes but is not limited to employees of Caleb Brett and the customer) in respect of personal injury or death, damage to, or destruction or loss of property belonging to any person or in any other respect or manner whatever provided neither Caleb Brett, its employees, agents or representatives have been negligent.

7.2 The indemnity in paragraph 7.1.3 shall only apply where the circumstances preclude the application of particular indemnities set out elsewhere in these general terms and conditions.

8. EXTENSION OF BENEFIT

8.1 In so far as paragraph 4.1, 5, 6, 7 and 11 or any other part of these terms and conditions purport to exclude liability of, or give the benefit of indemnification to anyone other than Caleb Brett, Caleb Brett is or shall be deemed to be acting as agent or trustee for their benefit.

8.2 The validity or enforceability of any particular exclusion or restriction of liability (whenever or any indemnity provision) of these general terms and conditions in part (if any) shall not affect the validity or enforceability of the remaining provisions or any part thereof.

9. UNUSED SAMPLE PORTIONS

Unused portions of analysis samples are retained by Caleb Brett for one month after completion of the analysis and then disposed of (except those of a dangerous nature where disposal is prohibited). The customer may arrange to have such portions retained for a longer period for their facility. Caleb Brett will require a storage charge.

10. DURATION OF HIRE CONTRACTS

The hire period for equipment rental agreements on the day in which the hired equipment is made available at the relevant Caleb Brett premises is a suitably packaged state for despatch, and terminates on the day of return to the same premises or such other agreed premises.

11. OFF PREMISES SERVICES AND INSTALLATION COMMISSIONING OF EQUIPMENT

Should the services of Caleb Brett employees, agents or representatives be required at a location other than Caleb Brett premises ("the target location") and/or to install commissioning equipment on the customer's site this will be charged at Caleb Brett's normal rates plus travel and living expenses where appropriate. The customer shall be responsible for the supervision, safety and well-being of such employees, agents or representatives whilst they are at the target location or on the customer's site and the customer shall indemnify Caleb Brett and its respective employees, agents or representatives against any claim, demand, loss, expense or liability (including but not limited to the cost of litigation) in respect of a breach of its obligations arising from such responsibility under the Clause by the customer irrespective of any contributory negligence.

12. FREIGHT CHARGES

All carriage charges for hired equipment to and from such Caleb Brett premises will be charged to the hirer at cost.

13. INSURANCE

Insurance for the full value of hired equipment to cover loss or damage during the period of hire and while hired equipment is in transit is the responsibility of the hirer. Such insurance should also provide for the loss or rental payment in the event of hired equipment being damaged, destroyed or lost. By prior agreement Caleb Brett can provide suitable insurance cover to be charged to the customer.

14. LOSS OR DAMAGE

14.1 Loss should hired equipment or any part thereof be lost during the period of hire or whilst in transit (and from any location or location), the customer shall pay the full replacement cost of hired equipment whether or not it is replaced and at least its profits to Caleb Brett.

14.2 Damage should hired equipment be damaged whilst in use or in transit as above the customer shall pay the cost of repairs necessary to restore it to its original condition at the beginning of the hire period or for the full replacement cost (even if it is repaired) whichever is the lower and at least its profits to Caleb Brett.

15. SERVICE AND REPAIR

15.1 The customer shall bear the cost of all repairs and maintenance to hired equipment. Such repair and maintenance shall be carried out by Caleb Brett with the consent of Caleb Brett. The customer may carry out such repairs or maintenance or arrange for these to be done by others approved by Caleb Brett. Should hired equipment need emergency repair or maintenance while it is outside the premises of Caleb Brett, the customer may, without the consent of Caleb Brett, arrange for repair or maintenance to be carried out up to a cost of fifty Pounds Sterling for each emergency and shall inform Caleb Brett of the instructions for emergency repair or maintenance as soon as reasonably practicable.

15.2 The customer shall allow Caleb Brett reasonable facilities to enable Caleb Brett to carry out such repair and maintenance. On being given reasonable notice the customer shall allow Caleb Brett to inspect the hired equipment.

16. ALTERATION

Any alteration of these general terms and conditions shall not be binding unless it is in writing and signed on behalf of all the parties to the contract.

17. TERMINATION

Caleb Brett may by notice to the customer terminate any contract if the customer is in material breach of the provisions of the contract or if the customer is declared bankrupt or without bankrupt or goes into liquidation (other than a members voluntary liquidation for reconstruction or amalgamation purposes) or has a receiver appointed in respect of any of its property or undertaking or generally makes any arrangement or composition with its creditors.

18. FORCE MAJEURE

Neither Caleb Brett nor the customer shall be liable for failure to fulfil any contract if fulfilment is delayed, hindered or prevented by strikes, war, riots or labour disputes of any kind, acts of God, war, riot, civil disturbances or acts of terrorism. If such delay, hindrance or prevention lasts for more than a continuous period of thirty days, either party may by notice to the other party terminate the contract.

19. NON ASSIGNMENT

The customer shall not be entitled to assign a contract or any part of it or the benefit under it without the consent of Caleb Brett.

20. SECRECY

20.1 Information (other than information generally available to the public) on the properties or activities of the customer shall be held by Caleb Brett, its employees, agents and representatives in strict confidence.

20.2 All information (other than information generally available to the public) on the properties or activities of Caleb Brett shall be held by the customer, its employees, agents and representatives in strict confidence.

20.3 The obligations under this clause shall survive the completion or termination of a contract (whether or not it is a contract for the sale of goods) and shall survive the assignment or novation of a contract (whether or not it is a contract for the sale of goods) and shall survive the assignment or novation of a contract (whether or not it is a contract for the sale of goods) and shall survive the assignment or novation of a contract (whether or not it is a contract for the sale of goods).

21. APPLICATION OF CONDITIONS

21.1 These general terms and conditions shall apply to all contracts between Caleb Brett and the customer or any of the customer's divisions (whenever and under these general terms and conditions are stated or excluded by express provision in writing signed on behalf of both parties. These general terms and conditions shall supersede all terms and conditions of contract of the customer and unless express accorded shall be deemed to be accepted on provision of services, employees, materials or equipment under the contract.

21.2 "Affiliate" for the purpose of this Clause means any holding, subsidiary or associated company of the customer, "holding and subsidiary company" shall have the meanings set out in Section 136 of the Companies Act 1948 and "associated company" means a company while not being a subsidiary or holding company, within the aforesaid meanings as broadly ascertained through a chain of holding and/or subsidiary companies.

22. CHOICE OF LAW

Any contract shall be construed under and governed by the law of England.



CERTIFICATE OF ANALYSIS continued

B7C016

Sample No.	Gold g/tonne Au	
5222/60	0.62	} 1185 B -
5223/60	2.24	
5224/60	0.16	
5225/60	0.11	
5226/60	2.51	
5227/60	2.36	
5228/60	0.14	
5229/60	0.11	} 1145 A -
5230/60	0.20	
5231/60	0.13	
5232/60	0.08	
5233/60	0.25	
5234/60	0.09	
5235/60	0.16	
5236/60	0.46	
5268/60	0.73	} 1145 B -
5269/60	0.03	
5278/60	1.13	
5279/60	1.24	
5280/60	0.54	
5281/60	0.13	
5282/60	0.70	
5283/60	3.91	
5284/60	0.16	
67344	0.59	
67345	0.02	
67346	0.45	
67347	0.08	
67348	0.28	
67349	0.05	
67350	< 0.02	
67353	< 0.02	} 1185 B
67354	0.06	
67355	0.30	} 1185 B
67391	< 0.02	
67392	< 0.02	} 1145 A -
67393	0.03	
67394	0.03	
7105/62	0.26	} 1085 H262
7106/62	0.17	



CERTIFICATE OF ANALYSIS continued

87C016

Sample No.	Gold g/tonne Au	
7107/62	0.04	1085 H ^o 62
7108/62	0.14	
7109/62	0.04	
7110/62	0.07	
7111/62	0.12	
7112/62	0.30	
7113/62	0.16	
7121/62	< 0.02	1135 HV 62.
7122/62	0.90	
7123/62	1.64	
7124/62	0.44	
7125/62	0.15	
7126/62	0.45	
7127/62	0.19	
7128/62	0.42	
7129/62	0.09	
7130/62	0.54	
7131/62	0.11	
7132/62	0.17	
7133/62	0.15	
7134/62	0.24	1125 C
7135/62	< 0.02	
7136/62	0.04	
7137/62	0.02	
7138/62	0.10	
7139/62	0.07	
7140/62	0.02	
7141/62	0.22	
7142/62	0.05	
7143/62	0.05	
3297/58	0.04	1125 C
3298/58	0.87	
3299/58	1.85	
3300/58	0.59	
3301/58	2.91	
3302/58	0.29	
3303/58	0.89	
3320/58	0.15	
3321/58	0.04	
3322/58	< 0.02	



CERTIFICATE OF ANALYSIS continued

87C016

Sample No.	Gold g/tonne Au	
3323/58	0.11	1125C
3324/58	0.68	
3325/58	0.32	
3326/58	0.52	
3327/58	1.39	
3328/58	3.71	
3329/58	< 0.02	
3330/58	< 0.02	
3331/58	0.41	
3332/58	< 0.02	
3333/58	0.29	1205A
3334/58	0.16	
3335/58	< 0.02	
67158	< 0.02	
67159	0.87	
67160	0.06	
67161	0.11	
67162	< 0.02	
67163	0.07	
67164	< 0.02	
67165	< 0.02	1085 HV62
7224/62	1.90	
7225/62	18.8	
7226/62	0.53	
7227/62	0.38	
7228/62	0.07	
7256/62	0.58	
7257/62	0.78	
7258/62	3.14	
7259/62	1.61	
7260/62	0.20	1135 HÖ62
7261/62	0.38	
7262/62	0.16	
7263/62	0.15	
7264/62	0.16	
7265/62	0.15	
7266/62	0.20	
7267/62	0.30	
7268/62	0.35	
7269/62	1.83	



CERTIFICATE OF ANALYSIS continued

87C016

Sample No.	Gold g/tonne Au
7270/62	0.56
7271/62	0.13
7272/62	0.10
7273/62	0.06
7606/62	0.10
7607/62	0.12
7608/62	0.39
7609/62	0.07
7768/62	0.25
7769/62	0.10
7770/62	0.15
7771/62	0.15
7772/62	0.20
7773/62	0.22
7774/62	0.39
7775/62	0.16
7776/62	0.13
7777/62	0.13
7778/62	0.13
7779/62	0.28
7780/62	0.18
7781/62	0.36
7782/62	0.22
7783/62	0.53
7784/62	1.24
7785/62	6.40
7786/62	0.17
7787/62	0.35
7788/62	0.15
7789/62	0.05
7790/62	< 0.02
7791/62	114.2
67166	0.09
67167	0.02
67168	0.05
67171	0.09
67172	0.09
67176	0.10
67177	0.04
67178	0.20

1135 H062

1085 HV62

1125B



CERTIFICATE OF ANALYSIS continued

87C016

Sample No.	Gold g/tonne Au
67179	0.08
67180	0.63
67181	0.73
67182	0.23
67183	0.10
67184	0.09
67185	0.08
67186	0.03
67187	0.15
67188	0.15
67189	0.42
67298	0.24
67299	0.04
67300	0.03
67301	0.24
67302	0.45
67303	0.12
67304	0.15
67305	0.14
67306	0.08
67307	0.06
67308	0.03
67309	0.55
67310	0.29
67311	0.23
67312	0.31
67313	0.21
67314	0.10
67315	0.03
67316	0.03
67317	0.13
67318	0.06
67319	0.24
67320	0.32
67321	0.06
67322	0.03
67323	0.07
67324	0.09
67325	0.12
67326	0.08

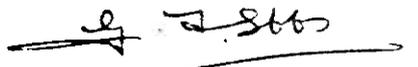


CERTIFICATE OF ANALYSIS continued

87C016

Sample No.	Gold g/tonne Au
67327	0.04
67328	15.7
67329	0.05
67330	0.07
67331	< 0.02
67332	0.17
67333	0.72
67334	< 0.02
67335	< 0.02
67462	< 0.02
67463	0.18

For and on behalf of
CALEB BRETT LABORATORIES LIMITED


G. T. Ibbs
Technical Manager



PROSPEKTERING

GAMLE RINGERIKS VEI 14, POSTB. 83 - 1321 STABEKK

• CALEB BRETT LABORATORIES
 LANCOTS LANE
 ST. HELENS
 MERSEYSIDE WA9 3ES
 ENGLAND

HELEID AV AKTIESELSKABET SYDVARANGER

KRISTIANSAND DISTRIKTSKONTOR
 Vesterveien 28
 4600 KRISTIANSAND
 Tlf.: (042) 26 397

ARKIV/REF.

KRISTIANSAND 31.3.87

Gold assays

We have forwarded the following 150 crushed core samples for gold assay.

324-326	
328 - 343	H.V. 74. 12205
344 - 365	12205
209 - 212	A.74. 10805
650 - 659	} C. 10805
661 - 669	
742 - 759	D. 10805
1320 - 1330	A. 8405
1345 - 1353	A
1362 - 1369	A
1622 - 1624	B. 7205
1659 - 1667	" 7205
2828 - 2834	} B. 6405
2862 - 2864	
2926 - 2932	} A. n. B 5205
2934 - 2937	
2947 - 2951	

Regards

PROSPEKTERING A/S


 Frank Nixon



PROSPEKTERING A/S

GAMLE RINGERIKS VEI 14, POSTB. 83 - 1321 STABEKK

• CALEB BRETT LABORATORIES
LANCOTS LANE
ST. HELENS
MERSEYSIDE WA9 3ES
ENGLAND

HELEID AV AKTIESELSKABET SYDVARANGER

KRISTIANSAND DISTRIKTSKONTOR
Vesterveien 28
4600 KRISTIANSAND
Tlf.: (042) 26 397

ARKIV/REF.

KRISTIANSAND 3.3.87.

We have today airfreighted 5 boxes containing a total of 436 samples for fire assay for gold. Please see enclosed list for sample numbers.

Best regards

for PROSPEKTERING A/S

Frank Nixon

Year	Sample no.	Box	Numbers	
1955	3039-3040	1	2	
	3114-3124	"	11	
	3143-3144	"	2	
	3174-3177	"	4	
	3180-3183	"	4	
	3292-3296	"	5	
	3367-3376	"	10	
	3752-3776	"	25	
	3777-3787	"	11	
	3795-3798	"	4	
3809-3825	"	17	95 Samples	
1956	6	2	1	
	59- 60	"	2	
	75- 77	"	3	
	169- 170	"	2	
	358- 365	"	8	
1957	2053-2056	"	4	
	2133-2151	"	19	
	2167-2172	"	6	
	2175-2177	"	3	
	2186-2189	"	4	
1959	4117-4122	"	6	
	5001-5019	"	19	
	5033-5056	"	24	101 Samples
1960	5065-5072	3	8	
	5106-5113	"	8	
	5135-5141	"	7	
	5171-5174	"	4	
	5213-5215	"	3	
	5222-5223	"	2	
	5224-5236	"	13	
	5268-5269	"	2	
	5278-5284	"	7	
	67344-67348	"	5	
	67349-67350	"	2	
	67353-67355	"	3	
	67391-67394	"	4	
	1962	7105-7113	"	9
7121-7143		"	23	100 Samples
1957	3297-3303	4	7	
	3320-3335	"	16	
	67158-67165	"	8	
1962	7224-7228	"	5	
	7256-7273	"	18	
	7606-7609	"	4	
	7768-7791	"	23	81 Samples
1957	67166-67168	5	3	
	67171-67172	"	2	
	67176-67189	"	14	
1964	67298-67335	"	38	
	67462-67463	"	2	59 Samples
			<u>TOTAL SUM OF SAMPLES</u>	<u>436</u>

BIDJOVAGGE prøver hentet fra NGU 21. feb. 1987

Bore År	Prøve nr.	Boks nr.	Antall	Fraksjon	Antall pr. År
1956	6	2	1		
	59- 60	"	2		
	75- 77	"	3		
	169- 170	"	2		
	358- 365	"	8		
					16 Prøver
1957	2053-2056	2	4		
	2133-2151	"	19		
	2167-2172	"	6		
	2175-2177	"	3		
	2186-2189	"	4		
	3297-3303	4	7		
	3320-3335	"	16		
	67158-67165	"	8		
	67166-67168	5	3	Grov	
	67171-67172	"	2	"	
	67176-67181	"	6	"	
	67182-67189	"	8	"	
					86 Prøver
1958	3039-3040	1	2		
	3114-3124	"	11		
	3143-3144	"	2		
	3174-3177	"	4		
	3180-3183	"	4		
	3292-3296	"	5		
	3367-3376	"	10		
	3752-3776	"	25		
	3777-3787	"	11		
	3795-3798	"	4		
	3809-3825	"	17		
1959	4117-4122	2	6		6 Prøver
1960	5001-5019	2	19		
	5033-5056	"	24		
	5065-5072	3	8		
	5106-5113	"	8		
	5135-5141	"	7		
	5171-5174	"	4		
	5213-5215	"	3		
	5222-5223	"	2		
	5224-5236	"	13		
	5268-5269	"	2		
	5278-5284	"	7		
	67344-67348	"	5		
	67349-67350	"	2		
	67353-67355	"	3		
	67391-67394	"	4		
					Prøver
1962	7105-7113	3	9		
	7121-7143	"	23		
	7224-7228	4	5		
	7256-7273	"	18		
	7606-7609	"	4		
	7768-7791	"	23		
					82 Prøver
1964	67298-67335	5	38	Grov	
	67462-67463	"	2	"	40 Prøver
					436 Prøver

Totalt er det 436 prøver, hvorav 59 Grov fraksjon.

PRÖVER SOM SKAL SPLITTES UT VED N.G.U. 1987.

1st PRIORITY

LN

PROFIL	HULL	ÅR	PRÖVE NR.	
S 480	S 48E	58	✓ 3114 - 3124	11 •
5560	556 A	58	✓ 3039 - 3040	2 •
S 680	S 68A	59	✓ 4117 - 4122	6
S 1080	S 108A	58	✓ 3795 - 3798	4 •
	"	"	✓ 3809 - 3825	17 ÷
	S 108ö 6H	62	✓ 7105 - 7113	9
	S 108V 6H	62	✓ 7606 - 7609	4
				✓ 7224 - 7228
S 1100	S 110V 6H	62	✓ 7768 - 7791	23
S 1120	S 112 A	57	✓ 2133 - 2151	19
	"	"	✓ 67182 - 67189	8
	S 112 B	57	✓ 67166 - 67168	3
	"	"	✓ 67171 - 67172	2
	"	"	✓ 67176 - 67181	6
	"	"	✓ 2167 - 2172	6
	"	"	✓ 2175 - 2177	3
	"	"	✓ 2186 - 2189	4
	S 112 C	57	✓ 3297 - 3303	7
				✓ 3320 - 3335
S 1130	S 113ö-6H	62	✓ 7256 - 7273	18
	S 113V-6H	62	✓ 7121 - 7143	23
S 1140	S 114A	60	✓ 67391 - 67394	4
			✓ 5033 - 5056	24
			✓ 5224 - 5236	13
	S 114B	60	✓ 5268 - 5269	2
			✓ 5135 - 5141	7
				245

PROFIL	HULL	ÅR	PRÖVET
S1160	S116D	60	✓ 67349 - 67350 2
	"	-	✓ 5001 - 5019 19
S1180	S118A	60	✓ 67344 - 67348 5
	"	-	✓ 5278 - 5284 6
	"	-	✓ 5170 - 5174 5
	"	-	✓ 67605 1
	S118B	60	✓ 67353 1
			✓ 5065 - 5072 8
			✓ 5213 - 5215 3
			✓ 5106 - 5113 8
S1200	S120A	57	✓ 67158 - 67165 8
	"	"	✓ 2053 - 2056 4
	S120D	58	✓ 3752 - 3776 25
			✓ 3777 - 3787 11
	S120F	58	✓ 3367 - 3376 10
S1280	S128D	64	✓ 67462 - 67463 2
			✓ 67298 - 67335 38
			152
			+ 245
			34
			431

LN

÷ 5170
÷ 67605

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PRÖVER som SKAL SPLITTES UT VED NGU. 1987.

2 PRIORITYET.

LW

PROFIL	HULL	ÅR	PRÖVER	
40N	N4A	58	✓ 3143 - 3144	2 •
80N	N8A	56	✓ 6	1
	-	"	✓ 12	1
	N8C	56	✓ 59 - 60	2
	N8D	56	✓ 75 - 78	4
120N	N12B	58	✓ 3292 - 3296	5 •
840N	N84B	56.	✓✓ 358 - 365	8
920N	N92A	56	✓ 168 - 170	3
960N	N96B	58	✓ 3180 - 3183	4 •
	N96C	58	✓ 3174 - 3177	4 •
				34

÷ 12

÷ 78

÷ 168

2021/22	1.5m	2.5m	SAT type	Anmerkungen
5 1050	59		ML	Rekordwert - 50
	50			- 58
10 51	54			VIBST UEGEN
	54			
52	51			
	51			
53	53			
	52			
54	60			
	59			
10 55	56			
	56			
56	64			
	62	+70 l/mel		
57	54			
	48			
58	47			
	52			
59	52			
	51			
60	52			
	60			
61	60			
	58			
62	60			
	56			
63	60			
	80	+90		
64	60			
	38			
10 65	48	60		
	64			
66	70			
	70			
67	66			
	64			
68	60			
	48			
69	50			
	50			
70	60			
	56			
71	56			
	60			
72	60			
	54			
73	56			
	50			
74	50			
	54			
75	66			
	46			
76	52			
	58			
77	58			
	58			
78	70			
	60			

Kurswert - ML

Pos	15	25	34	Am mlt.
S10 79	58		ML	
	44			
80	38			URSTURGEN
	52			
81	56			
	56			
82	46			
	44			
83	46			
	44			
84	46			
	50			
85	52	66	OFF	
		66		
86		74		Slippers
		64		
87		64		
		68		
88		64		
	20			
89	60			
	54			
S10 90	64		ML 54	
	66			
91	66		OFF	
	196			
92	110			
	125			
93	120			
	100			
94	81			
	90			
95	130			7 stall.
96				
97				
98				
	160		OFF	
99	110			
	70		ML	ML
1100	92	130		
	140			
101	66		ML	
	58			
02	70			med
	70			Fjyllen
03	60			
	76			
04	85			
	94			
05	90			
	66			
06	78			
	60			2m mlt
07	60			
	66			

Pos	1,5	2,5	3,5	Annahme
17 08	66		34 116	WEST WEGEN
	70			
09	64			
	64			
10	60			
	60			
11	60			
	70			
12	54		ML	
	56			
13	76			
	64			
14	50			
	66			
S10 15	90		4700	
	80			
16	94			
	72			
17	130			
	120			
18	110			
	400			
19	58			
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S11 25	30			
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S11 30	46			
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S11 35	42			
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Sub

Eysgang

Pos
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2.5

BA

Am reich

11/14

UBSTVEORN

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11/14

sen tjemas

Pos.	115	2,5	34	5m hoch
SH 95	130			
	100			
96	80			
	120			
97	110			
	76			
98	140			
	130			
99	100			
	54			
100	52			

UFSSTVEGRUN

TURBIDR PROFIL FAS 1200 Vertikal N. 1205 0109

0	40
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9	54
	54
10	80
	170
11	100
	150
12	70
	60
13	60
	130

TURBIDIMETER.
SAR (BRUDPIT)

Styrum
GROUN

Oshagen

OST DRGR N

S 1203

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ML

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Oyland

QST VRCEN

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73	38
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72	34
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71	34
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SW 70	42
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Qst. 1000

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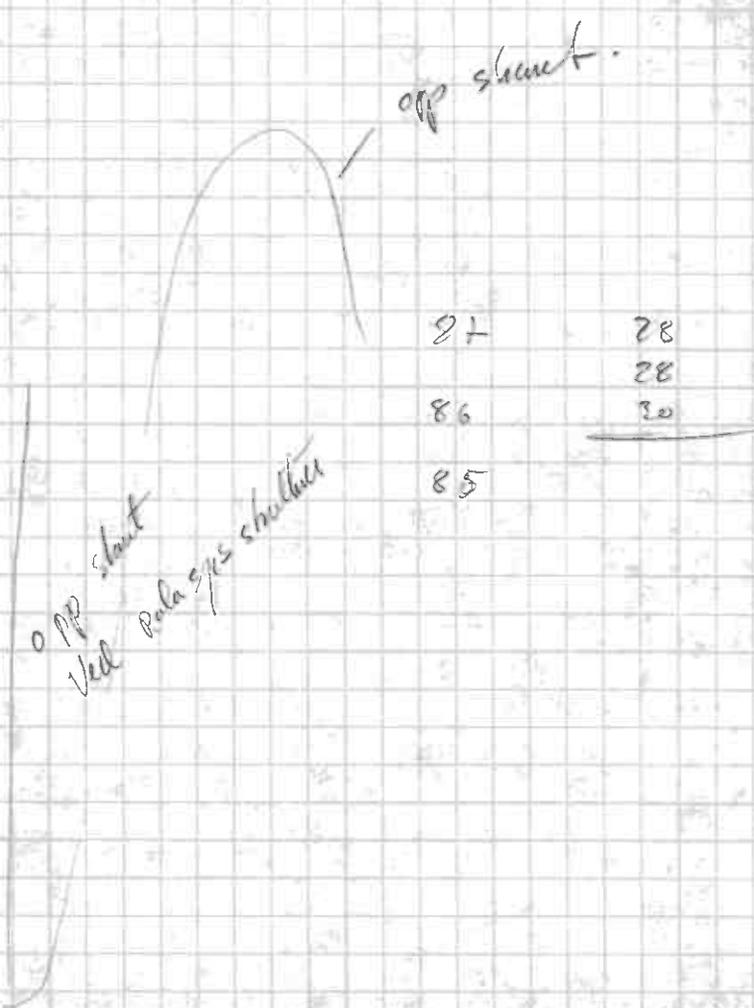
28

26

24

24

app is 4th approx / 1000
S N/O 70 - 1100
cps ~ 10 - 20



Wagner

OST JEGEN

S 1203

130

ML

2

110

90

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76

1200

72

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1199

82

130

98

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Qstagen

Station 100 to 104

51065	20
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64	26
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63	26
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62	24
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61	24
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60	20
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59	28
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58	20
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57	20
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1055	32
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1050	28
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47	24
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1045	24
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44	28
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43	24
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42	28
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41	30
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1040	28
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39	40
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38	46
	44

MR

Qstagen



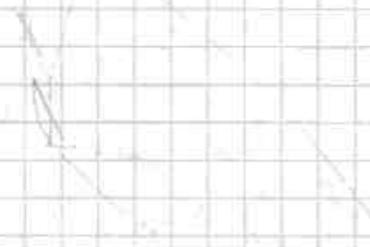
RAH 100 to 104

Ostweg

(KSTURBAN)

	37	44
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	36	56
		52
S 10	35	46
		48
	34	34
		34
	33	34
		34
	32	36
		40
	31	42
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S 10	30	40
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	29	50
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	27	60
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S 10	25	66
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Feldstärke bzw. ablesbar



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Schult C Verlänger

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	31	66
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