



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

Bergvesenet rapport nr BV 4575	Intern Journal nr 1182/97	Internt arkiv nr Rapportarkivet	Rapport lokalisering Trondheim	Gradering Fortrolig
Kommer fra ..arkiv	Ekstern rapport nr GT 97-80-01	Oversendt fra Geologiske Tjenester a.s.	Fortrolig pga Muting	Fortrolig fra dato:
Tittel Exploration work within the Møklevatn property, Grong, Nord-Trøndelag 1996				
Forfatter Flood, Boye Reinsbakken, Arne		Dato 19.06 1997	Bedrift Geologiske Tjenester AS Braddic Resources Ltd Norway Gold Exploration AS	
Kommune Grong	Fylke Nord-Trøndelag	Bergdistrikt Trondheimske	1: 50 000 kartblad 18234	1: 250 000 kartblad Grong
Fagområde Geologi Geokjemi	Dokument type Rapport		Forekomster Skiftesmyr Godejord	
Råstofftype Malm/metall	Emneord Cu, Zn , Pb, Ag, Au			
Sammendrag				

REPORT NO. 97 - 80 - 01

BRADDICK RESOURCES LTD.

EXPLORATION WORK WITHIN THE MØKLEVATN PROPERTY

GRONG, NORD-TRØNDELAG, 1996

Geologiske
Jenester a.s.

REPORT NO. 97 - 80 - 01

BRADDICK RESOURCES LTD.

EXPLORATION WORK WITHIN THE MØKLEVATN PROPERTY

GRONG, NORD-TRØNDELAG, 1996

**Boye Flood
Arne Reinsbakken**

Distribution:

1 copy	Braddick Resources Ltd., Toronto
1 copy	1052544 Ontario Ltd., Timmins
1 copy	Commissioner of Mines (Bergvesenet), Trondheim
1 copy	Nord-Trøndelag County, Steinkjer
1 copy	Geologiske Tjenester a.s., Oslo

Oslo, June 19, 1997

CONTENTS:

	Page:
1. INTRODUCTION	1
1.1 Location and Infrastructure	1
1.2 Legal aspects of the Property	1
1.3 Logistics and Personnel	1
2. GEOLOGY AND MINERALIZATION	2
3. PREVIOUS WORK	3
3.1 General	4
3.2 Skiftesmyr	4
3.3 Godejord	5
4. EXPLORATION PROGRAM, 1996	5
4.1 Compilation and assessment of previous work	6
4.2 Geological mapping	6
4.2.1 Skiftesmyr	6
4.2.2 Godejord	6
4.3 Soil sample surveys	7
4.3.1 Skiftesmyr	7
4.3.2 Godejord	8
4.4 Sampling of old workings	9
4.4.1 Skiftesmyr	9
4.4.2 Godejord	9
5. THE PRE-FEASIBILITY STUDY	10
6. SUMMARY AND CONCLUSION	10
6.1 Skiftesmyr	10
6.2 Godejord	11
7. PROPOSED PROGRAM	12
8. BUDGET	13

LIST OF FIGURES:

	Fig. no.:
Key maps	1
Claim map 1:50,000	2
Skiftesmyr - Geological map 1:5,000	3-3B
Godejord - Geological map 1:5,000	4-4C
Skiftesmyr - Grid map with Turam and drill holes 1:5,000	5
Godejord - Grid map with IP and drill holes 1:5,000	6
“ “ IP 1:5,000	7
“ “ Magnetic total field 1:5,000	8
Skiftesmyr - Geochemical map, Cu - Zn - Au 1:5,000	9
Godejord - Geochemical map, Cu - Zn - Au 1:5,000	10
Godejord - Drill hole sections for DDH no. 8, 109 and 110	11
Godejord deposit - Longitudinal section	12

PHOTOS:

No. 1-8

APPENDICES:

	Appendix:
The Skiftesmyr and Godejord deposits	1
Commissioner of Mines: Reports – Grong district	2
Soil sample sheets with assay results – Skiftesmyr	3
Soil sample results with assay results – Godejord	4
Skiftesmyr – Trench logs	5
Godejord – Trench logs	6

EXPLORATION WORK WITHIN THE MØKLEVATN PROPERTY, GRONG, NORD-TRØNDELAGE, 1996

1. INTRODUCTION:

1.1 Location and Infrastructure:

The Møklevatn property is situated within the Grong municipality in central Norway. The property which includes the two base metal sulphide deposits, Skiftesmyr and Godejord, extends from 7 to 15 km east of the Grong municipality centre. Grong is located on the main highway and railway line between north and south Norway, (see Fig. 1). The distance by road to Steinkjer, the County administration centre, is 83 km and to the Værnes airport at Trondheim is 167 km.

1.2 Legal aspects of the Property:

The Møklevatn property or claim block which consists of 54 individual claims (mutinger), covering an area of 15.75 km² (see Fig. 2) was renewed for 1997. The block was initially applied for in 1995 by Norway Gold Exploration A/S (NGE) and included «over pegging» of the two copper-zinc deposits Skiftesmyr (S) and Godejord (G), which, at that time were held by the Nord-Trøndelag county. The Møklevatn property is part of the Norwegian Mineral Venture (NMV) which is a Joint Venture agreement between Geologiske Tjenester a.s./NGE and the Canadian company 1052544 Ontario Ltd.

In 1996 NMV entered into an agreement with the Canadian junior company Braddick Resources Ltd. (Braddick), permitting this company to earn an interest in the property. Based on a program commitment from Braddick, the Nord-Trøndelag County relinquished their claims on Skiftesmyr and Godejord and these deposits then automatically became part of NGE's Møklevatn property.

Braddick has, through Geologiske Tjenester a.s., carried out substantial work on the property during 1996 which is presented in this report.

1.3 Logistics and Personnel:

The claims, as shown on Fig. 2 are situated north of the Sandøla river. After a steep climb from the bottom of this valley, most of the claim block cover an undulating plateau with elevations between 200 and 400 m above sea level. Spruce and birch forest with scattered pine and numerous bogs dominate the area, (see Photo 1-4). The spruce is subject to industrial logging operations.

The exploration program during 1996 was concentrated around the Skiftesmyr and Godejord deposits. Skiftesmyr was reached from a logging track running in to the property from the north-west, and Godejord is accessible from a logging track climbing north from the Sandøla

valley. So far there are no direct north-south connections between the two deposits, but two logging tracks within the property are separated from each other only by 4-500m.

The exploration crew lived in Grong during the program and drove out to the property by car and walked to the deposits each day.

The field program was carried out in three periods between July 1 to August 14, August 19 to 29 and October 15 to 19. The field personnel varied between 1 to 4 persons, but 2-3 persons were involved most of the time.

Geologiske Tjenester a.s. supplied the following team for the job:

Boye Flood, geologist, supervisor
Arne Reinsbakken, project geologist
Jannecke Bugge, geology student, field assistant
Ulf Johanessen, geology student, field assistant

2. GEOLOGY AND MINERALIZATION:

The Møklevatn property is part of the SW corner of the Grong District. This District is underlain dominantly by Lower Paleozoic metavolcanics, metasedimentation and intrusive rocks of Mid. Ordovician age. They comprise the Gjersvik Nappe, part of the Køli Nappe complex of the Upper Allochthon tectonostratigraphy within this part of the central Scandinavian Caledonides. These nappe sheets have been thrust eastwards onto the Baltic Shield.

Mafic volcanites dominate the island arc - rifted arc complex with felsic volcanites forming only a minor component. The felsic volcanites occur at several stratigraphic levels, often associated with sulphide mineralization that are generally overlain by thin layers of banded iron formations (BIF), which regionally can form extensive marker horizons throughout the district. The whole sequence has undergone extensive folding and shearing deformation related to thrusting and nappe emplacements. The rocks have undergone Upper Greenschist, grading into Lower Amphibolite facies metamorphism within the western part of the district..

Volcanic hosted massive sulphide (VHMS) mineralization is common in the volcanic complex, occurring at several stratigraphic levels. Although most of the deposits are small, (< 1 M m t), several major deposits occur in the district (Joma = 20 M m t, Skorovass 10 M m t, Skiftesmyr 3 M m t and Gjersvik 2 M m t). Skorovass was mined from 1952 to 84 while production at Joma and Gjersvik is forecast to stop during 1998. Then, for the first time since 1952 there will be no mining activity in the Grong district.

The size of the three largest deposits which partly include massive pyrite low in base metals, and base metal grades for given periods of production are shown below:

Joma	1972-94, 9.6 M mt	1.5 % Cu, 1.46 % Zn
Skorovass	1976-84, 1.7 «	1.15 « « 2.71 « «
Gjersvik	Total 1.6 «	1.6 « « 1.0 « «

The Skiftesmyr deposit: This deposit occurs roughly at the same stratigraphic level as the Gjersvik and Skorovass deposits. The orebody consists mainly of Cu-Zn rich massive pyritic lenses and layers enclosed within a quartz-sericite, albite and chlorite rich schistose country rock. The plate-like orebody has a thickness varying between 2 to 20 m, 4-6 m being most common. The general strike of the ore zone is east north-east to west south-west and the total strike length of the orebody around 350 m. The zone dips steeply to the north.

Underground mining plans by Norsulfid A/S, quoted a total of 2,685,000 metric tonnes grading 1.38% Cu, 2.13% Zn, 8.6 g/t Ag, 0.3 g/t Au and 34.6% S (cut off 1% Cu equivalents).

The Godejord deposit: The deposit occur in a different environment to Skiftesmyr. The rocks are dominated by mafic volcanites and minor tuffite/sediments of possibly Cambrian age. The ore zone lies at a level in the thick volcanic sequence that is dominated by carbonate rich tuffites with iron formations (see Photo 8) and cherts that are intercalated with mafic volcanites and minor felsic units. The total strike length of the mineralization is in excess of 2 km. However, most work is confined to a c. 500 m long zone surrounding the main working, (see Fig. 4B). The ore zone has roughly an E-W trend and dips steeply (60-70°) to the north. The thickest part of the orebody plunge steeply to the NE. The ore generally occur as actinolite-tremolite, quartz, carbonate and sericite rich rocks that contain variable dissemination to semi-massive mineralization of pyrite-sphalerite-chalcopyrite +/- galena.

An ore reserve calculation by Norsulfid A/S based on an underground production plan gave 76,221 metric tonnes of 0.76% Cu, 7.76% Zn, 24.4 g/t Ag and 0.83 g/t Au.

An ore reserve calculation by NGU using a cut-off of 1% Cu equivalent gave the following: 250-300,000 metric tonnes grading 0.6% Cu, 4.2% Zn, 0.1% Pb, 15 g/t Ag and 0.4 g/t Au

A more detailed account of the geology of the two deposits is found in Appendix 1.

3. PREVIOUS WORK:

The Grong District has through most of this century been subject to extensive exploration including regional studies such as geological mapping, stream sediment geochemistry and air borne geophysics. A number of mineralized showings have been investigated in detail, including diamond drilling.

An extensive data base for the Grong district has been compiled by The Geological Survey of Norway (NGU) as part of the Nord-Trøndelag county program. Most of the relevant reports and publications have been listed (see NGU Rapport 94.004), in addition there are the latest exploration reports filed at the Commissioner of Mines office, (see Appendix 2).

In this report we will only discuss work that refers to the Møklevatn property, in particular reports which emphasise recent exploration on the Skiftesmyr and Godejord deposits.

3.1 General:

Geology: The Møklevatnet property is covered by the 1:50,000 geological map sheet Grong, published as a preliminary black/white edition by NGU in 1987. During the Grong program 1993-96, which was part of the Nord-Trøndelag county program, NGU also published a 1:75,000 digitised geological map, that covers the whole district, (see Fig. 1). The south-west part of the Grong District, covering Godejord and Skiftesmyr, was also mapped in detail (scale 1:20,000) by NGU in 1992 and published in NGU Rapport nr. 92.311

Geochemistry: Extensive stream sediment sampling was carried out during an earlier Grong program of 1971-73 which resulted in some 14,000 samples that were assayed mainly for Cu, Pb, Zn and Ni. During the last Grong program (1993-96) a number of these samples have been bulked resulting in 1682 «new» samples that together with samples collected during the 1980's were assayed for 30 elements. A general discussion of the results is presented in NGU Rapport nr. 94.062. A selection from all the stream sediment samples were also assayed for Au and the results presented in NGU Rapport nr. 90.081. These data were further discussed by Geologiske Tjenester in GT Report no. 93-14-01.

Since last years investigation was concentrated around defined deposits, a further assessment of stream sediment geochemistry was not done. Soil geochemistry has also been used as an exploration tool in the Grong District close to Møklevatnet, when Norsulfid A/S (Outokumpu OY) during the early 1990's tested a copper-gold anomaly at Storliseter 4 km east of Skiftesmyr.

Geophysics: The Grong and southern part of the Harran map sheets were subject to helicopter borne geophysical survey with flight line spacing of 250 m, flown in 1989 and reported 1990 (see NGU Rapport nr. 90.085). An interpretation report was issued in 1992, (see NGU Rapport nr. 92.265) which recommended follow up of EM anomalies south-west of Møklevatnet. During 1993-94 the Grong district was again subject to an extensive helicopter borne survey that included magnetic total field, EM, VLF and Radiometric. This time the area immediately north of the Sandøla river, where the strike east - west, had flight lines directed north - south, and 100 m line spacing. There exists no interpretation on this survey, but the geophysical maps are published on scales 1:50,000 or 1:20,000.

3.2 Skiftesmyr:

The first report on Skiftesmyr dates back to 1903. Very little work, however, was done before the first Grong Program (1971-73) when stream sediment samples confirmed the known mineralization. During the 1970's the area was subjected to several geophysical surveys such as Turam (see Fig. 5), EM, magnetic total field, SP and VLF. Diamond drilling commenced in 1973 by Grong Gruber A/S and continued between 1974 and 1977, when an orientation flotation test on the ore was done by the Technical University in Trondheim (Internal Grong Gruber report).

From 1991, Norsulfid A/S continued the exploration at Skiftesmyr. A new Turam survey was conducted, covering mainly the eastern part, east of the Stordalen shear zone (see Fig. 5). In 1992, Suomen Malmi OY was contracted to do Slingram and a magnetic total field survey over Skiftesmyr.

Diamond drilling by Grong Gruber had continued from 1980 until Norsulfid completed the program in 1992 bringing the total number of drill holes to 70 (see Fig. 5). Thereafter, an extensive assessment of the exploration data, ore reserve calculation and evaluation of mining possibilities and mining methods was conducted. Details about tonnage and grades are given in Appendix 1, p. 4, and relevant reports sent to the Commissioner of Mines are listed in Appendix 2.

After 1993 Norsulfid A/S (Outokumpu OY) selected to withdraw from the Skiftesmyr project.

3.3 Godejord:

Also from Godejord, the first reports dates back to 1903. Modern exploration commenced in 1972, although some work was done before 1914 by A/S Elektrokemisk Industri, probably blasting of the original trenches. During the period 1972-86, Grong Gruber A/S carried out geophysical surveys that included IP, CP and Turam, and diamond drilling of 19 holes (no. 1 - 19, see Fig. 6).

The next program (1989-92) was carried out by Norsulfid A/S and included geological mapping, some soil geochemistry and drilling of 25 more holes (nos. 101-125). In 1992, Suomen Malmi OY was contracted to do a Slingram and magnetic total field survey. After completion of this program Norsulfid carried out a similar assessment as done for the Skiftesmyr deposit. Details about tonnage and grades are given in Appendix 1, p. 7, and the relevant reports sent to the Commissioner of Mines are listed in Appendix 2.

The final program on Godejord was initiated by the Nord-Trøndelag county and included a new CP survey, reported in NGU Rapport nr. 95.005, and drilling the of 2 deep holes (no. 126-127) plus extending drill hole no. 121 from 140 to 307 m (see Fig. 6). This drilling is reported in NGU Rapport nr. 95.101. A final modelling of the deposit summarising all drill holes is presented in NGU Rapport nr. 96.024. This report which presents a negative conclusion for the Godejord deposit is confined to drilled reserves around the Main working, i.e. between 5300E and 5500E.

4. EXPLORATION PROGRAM, 1996:

Last years program included:

- 1) Compilation and assessment of previous work.
- 2) Geological mapping and drafting of maps in scale 1:5,000
- 3) Soil sample surveys
- 4) Trenching and sampling of mineralization exposed in or close to the old workings.
- 5) A pre-feasibility study regarding the combined potential of the Skiftesmyr and Godejord deposits.

4.1 Compilation and assessment of previous work:

Compilation of data has mainly been done at the NGU library where a filing of all relevant reports has been conducted as part of the Grong Program (see NGU Rapport nr. 94.004). In regards to work done or reported after this compilation, we have kept in close contact with the «Grong Group» at the Survey and received relevant information and references from them. Also company reports issued to the Commissioner of Mines, in accordance with the Norwegian Mining Act of 1972, have been acquired at the Commissioners office. The list of relevant reports is found in Appendix 2. In addition, there has been meetings and an exchange of information, between this group and Grong Gruber AS who has been responsible for most of the exploration in this area during the last 25 years.

This data compilation has served two purposes: 1) Giving the current exploration team all necessary information to select the 1996 work program, and 2) to provide relevant technical data for the pre-feasibility study, on both the Skiftesmyr and Godejord deposits that was conducted by L. M. Bernard, mining consultant to Braddick Resources.

The pre-feasibility study is reported separately, see below.

4.2 Geological mapping:

4.2.1 Skiftesmyr:

Geological mapping and drafting of a map, scale 1:5,000 has been completed. The map with legend is shown on Fig. 3 and 3B. A detailed description of the geology of the orebody and its surrounding lithologies is found in Appendix 1.

One of the important features on the Skiftesmyr geological map is the Stordalen main shear which follow the Stordalen valley along a north north-east direction. Whether this topographic expression is solely due to a shear or to a sinistral fault system is uncertain. However, using the main ore zone as a key horizon, both the geology and geophysical maps demonstrate very clearly how this zone turns from an east-west to a north-south direction when approaching the shear from the west. The major EM anomalies follow the western slope of the Stordalen valley to the north. The geology, geophysics and soil geochemistry (see below) all indicate a different environment on either side of Stordalen.

The geophysical map with drill hole positions plotted (Fig. 5) and the drill sections show that the majority of holes and the main extension of the deposit occur between -4800 E and -5150 E; all the holes drilled grid S. The northernmost drill section is found along 5600 N, drilled grid E and partly grid S. North of this section the anomalies and favourable geology are only tested by 3 scattered holes.

4.2.2 Godejord:

Geological mapping and drafting of a map on a scale of 1:5,000 has been completed. The map with legend is shown in Figs. 4, 4B and 4C. A detailed description of the geology of the orebody and its surrounding lithologies is found in Appendix 2.

Most of the work during the 1996 program, such as soil sampling and trenching, was confined to the western map sheet (Fig. 4). Only widely spaced lines were soil sampled on the eastern sheet (Fig. 4B).

The western map sheet also cover the Godejord deposit and the majority of the drill holes concentrated around this mineralization (see Fig. 6). Mapping has succeeded in following the mineralised altered zone westward from the Main working to Working no. 7, around 4300 E. The position of this zone correspond well with the IP results (Fig. 7) and a well defined magnetic depression, (see Fig. 8). West of 4300 E the country drops towards the creek from Stamtjern and details in the geology disappears underneath overburden. However, for about a couple of hundred meters to the west the geophysical anomalies indicate that the zone continues until it apparently leaves the survey area. Thereafter, only geochemical anomalies indicate a continuation of the mineralised zone until 3800 E (see below).

4.3 Soil sample surveys:

4.3.1. Skiftesmyr:

The objective with this survey was to provide geochemical support for selection of ground EM anomalies for drilling. The old grid system at Skiftesmyr was re-established and used. Line spacing was 200 m and sample intervals 25 m. West of Stordalen N-S grid lines were sampled, and east of Stordalen sampling was done along E-W grid lines. Some overlapping occurred as seen in Fig. 9

Turam anomalies have been plotted on the geochemical map, but without further classifications. For details, see Fig. 5.

When possible the B horizon was sampled, generally at depths between 10 and 30 cm. One grid line has also been sampled to include the A and C horizons. The sampling procedure included first the use of a spade for removing vegetation and peat, and then a hand trowel to collect the actual sample. All sample localities were marked with red flagging tape.

Altogether 471 samples were collected, each weighing about 250-300 g. Sample number were written on the bags and a sample number tag was deposited inside. The samples were then air freighted from Trondheim, Værnes Airport, to XRAL Laboratories in Toronto where they were assayed for :

Cu, Pb, Zn, As and Au

Due to low values and weak contrasts in the assay results for both As and Pb, no further assessment of these results have been done. For Cu, Zn and Au, the assay results have been transferred to the Sample sheets in Appendix 3, and a manual calculation of the 90%ile and 95%ile values for the three elements is presented in Table 1 below. These calculations are based on 358 samples, and does not include the last batch of samples from the westernmost lines and the Stordalen area. Hence, the %ile values are somewhat higher then if all the sampled had been included.

%ile	Cu ppm	Zn ppm	Au ppb
90	50	90	13
95	70	135	20
max	720	552	499

Table 1. Percentile values for Cu, Zn and Au from the Skiftesmyr soil sample survey.
N = 471

The 90 %ile anomalies for these three elements are plotted on Fig. 9, showing a dispersed anomaly pattern due to the line spacing. However, the trend of the Skiftesmyr mineralization between -5200 E and -4800 E is well indicated, all the max values occurring around the Main working. Otherwise, there appears to be a consistent trend along the Stordalen creek between 5200 N and 5800 N. This may be due to seepage down the western valley slope from the area of EM anomalies. The lack of anomalies in the western part of the grid area, in spite of numerous EM anomalies, indicates a lack of surface mineralizations. The scattered geochemical anomalies east of Stordalen do not show any association with scattered EM anomalies.

4.3.2 Godejord:

The survey was conducted along a 2.8 km strike length of the Godejord mineralized zone with line spacing from 100 to 300 m. Sampling was first concentrated around the Main working with reconnaissance lines both to the east and west. Based on geological and geophysical mapped continuation to the west as well as encouraging results from the first batch of samples, the survey area was in October extended in the area between 4300 E and 3800 E. Sampling procedure and laboratory were the same as that used for Skiftesmyr.

Altogether 382 samples were collected and assayed for the same elements as Skiftesmyr. The assay results have been transferred to the Sample sheets in Appendix 4, and a manual calculation of the 90%ile and 95%ile values for the three elements is presented below in Table 2. These calculations are based on 340 samples, excluding the westernmost area. Hence the %ile values are somewhat lower than if all the samples had been included.

%ile	Cu ppm	Zn ppm	Au ppb
90	30	63	13
95	43	79	15
Max	230	2890	90

Table 2. Percentile values for Cu, Zn and Au from the Godejord soil sample survey.
N = 382

The 90%ile anomalies for these three elements are plotted on Fig. 10. A distinct anomaly occurs between 5100 E and 5600 E along the trend of the Godejord mineralization, with the Main working situated in the middle of this anomaly.

The geochemical response decreases westwards between workings no. 2 and 5, and these workings generally show values < 1% combined Zn-Cu, see Chapter 4.4. From line 4300E, however, a geochemical anomaly is again evident that continues for at least another 500 m to the west. This anomaly corresponds to the sampling results of the westernmost workings, no. 6 and 7 which show 5 m of 3.07 % Zn, 0.3% Cu and 4m of 1.87 % Zn, 0.2% Cu respectively.

This suggests that the Godejord mineralized zone may host an undetected mineral deposit in this western part. The soil sample results show a more extensive anomaly in this western part than that which surrounds the Main Working. Both the magnetic and IP surveys indicate a continuation of the anomalies in this westerly direction, but does not cover its full extension.

Other anomalies within the grid are more scattered, one exception being an anomalous trend between 4700 E to 5300 E and 700 N to 800 N. Although a continuation of the mineralised alteration zone to the east is indicated on the geological map between 400 N to 600 N (see Fig. 4B), there are no good geochemical indication east of 5600 E.

4.4 Sampling of old workings:

In spite of extensive work over a long time at both Skiftesmyr and Godejord, surface trenching has been negligible. The known workings were old, small and partly overgrown, (See Photo 5 and 6). Sampling and assay results from the old workings could not be found in any of the records.

An excavator was brought in, and a number of the trenches were reopened, logged and sampled at both localities.

4.4.1 Skiftesmyr:

The sampled workings are numbered from 1 to 5, no.1 is identical with the Main working.

Trench logs and assay results are found in Appendix 5. Trenches 1, 2 and 4 are all on the main Skiftesmyr mineralised trend. Photo 7 shows no. 4 trench after being opened. The sampling indicates that there is only a weak surface mineralization along this trend, or that the trenches have not been properly positioned. Due to lack of access trenches no. 3 and no. 5 were only chip sampled. Trench no. 3 shows weak Cu-Zn mineralization, while no. 5 show only disseminated pyrite.

4.4.2 Godejord:

Nine trenches were sampled, shown as no. 1-9 in Fig. 10. No. 1-6 were re excavated. Trench logs with assay results are shown in Appendix. 6. The trend of the mineralized zone with old workings is indicated with a stippled line on Fig. 10. This trend, confirmed by a magnetic low (alteration zone) and an IP anomaly occurs as a bog filled topographic depression,

see Photo 2. Due to water problems trenching and sampling has been confined to the dry parts on either side of the bog, and important information is therefore still lacking.

The sampling generally shows high values for the central area around the Godejord deposit, (trenches no. 1 and 9), including significant gold in no. 9 (Main working). Trenches that occur further west, (no. 2 to 5), where the alteration zone is well developed show clear evidence of mineralization, but combined values rarely exceed 1 %. The westernmost workings, no. 6 and 7, again show high Zn values, which coincide with the soil geochemistry, see p. 9.

5. THE PRE-FEASIBILITY STUDY:

A pre-feasibility study for the combined potential of the Skiftesmyr and Godejord deposits have been conducted. This work was done by L.M. Bernard, a mining consultant to Braddick Resources and is reported separately. The following conclusion is taken from Braddick Resources Ltd., Annual Report 1996:

«Recently a prefeasibility study was completed (including metallurgical testing on samples from both deposits) on the Skiftesmyr deposit (3.5 million tonnes) which concluded that a cash flow of CD 3 million per annum could be achieved by processing 360,000 tonnes per year at Zn and Cu prices of USD 0.50 and USD 1.00, respectively.

At Godejord, a resource of approximately 350,000 tonnes grading 0.6% Cu, 4.2% Zn, 0.4g/tonnes Au and 15g/t Ag has been calculated by the Norwegian Geological Survey. A preliminary cash flow estimate of CD 7.8 million for one year has been estimated by our mining consultant. Estimated capital and development costs to develop both deposits is CD 17 million and a government grant of 35% is available reducing net cost to approximately CD 11 million. Cash flow estimates for years 1 and 2 are CD 10.8 million, and approximately CD 3.0 million per years 3 to 9. Cost per pound copper and copper equivalent is estimated to be USD 0.43/lb at Godejord and USD 0.62/lb. at Skiftesmyr.

6. SUMMARY AND CONCLUSION:

The general objective with the 1996 program on both deposits was to locate «white spots», i.e. possible portions and/or extensions of the known deposits not yet included in the known reserves.

6.1 Skiftesmyr:

This volcanic hosted massive sulphide deposit of probably Mid. Ordovician age is typical for the Grong district and reminiscent of the past producers Skorovass and the current producer Gjersvik. Over a period of about 25 years extensive exploration has been carried out, including 70 diamond drill holes, and a reserve of between 2.5 to 3 mill. tonnes has been indicated.

The drilling has been concentrated around the known deposit, covering a strike length of around 600 m. Continuations of the EM anomalies outside this area are poorly tested. The strike of the mineralised unit is bent from east-west to north-south along a major shear zone (The Stordalen shear) that runs NNE-SSE. Displacement along this shear, if any, is uncertain

and it was equally uncertain whether units to the east of the shear, which also host a number of EM anomalies, could be related to the Skiftesmyr lithologies.

To gain further information about these problems it was decided to complete geological mapping and a geochemical soil sampling program. Although the distance between the soil sample lines are too large (200 m) for any definite conclusion, the survey indicate a lack of surface mineralization along the EM anomalies continuing westwards from Skiftesmyr. Neither is there any apparent correspondence between EM and geochemical anomalies east of the Stordalen shear zone. Hence, the dominantly mafic unit is probably a continuation of similar lithologies exposed south of Skiftesmyr, (see Fig. 3). These rocks are from tectonically below the mineralised unit, wrapped around it during later folding along a north-west plunging axes.

By far the most prominent EM anomalies continue northwards from the Skiftesmyr deposit. North of 5600 N this anomalous trend is only tested by a few scattered drill holes with hand written illegible drill logs. Infill soil sampling along 200 m long lines and relogging of these drill holes is recommended, with a possible drill program between 5600 N and 6000 N to follow. An evaluation of the area even further north should also be considered.

6.2 Godejord:

The Godejord deposit has a unique position within the Grong district, being of probably Cambrian age and more related to volcanoclastic units. This is not a typical massive sulphide deposit, but show partly very rich zinc mineralization that is associated with dissemination of iron sulphides, mainly pyrite. Like Skiftesmyr, also Godejord has been subject to some 25 years of exploration, a number of geophysical methods have been used and 46 holes have been drilled. The work, particularly the drilling, has been concentrated around the known deposit (Main working) along a 500 m strike length. Current reserves at Godejord are around 0.35 mill. tonnes. Some drilling was also done on a parallel zone (Nye Godejord) some 200 m to the north which did not show any significant mineralization. The easternmost drill holes are probably partly aimed towards Nye Godejord (DDH 124 and 125) and the IP that extends eastward from the Main working ending around 6350 E/500 N (DDH 18 and 19).

In spite of having both mineralised workings and geophysical anomalies (prominent magnetic low and IP) towards the west, only 3 holes have been drilled west of working no. 2 on 4800 E. On plotting these holes, see Fig. 11, it is unlikely that DDH 8 and 110 have reached the mineralization whereas DDH 109 on 4500 E intersected 3 m of 1.1% Zn and 0.3% Cu probably belonging to the Godejord zone. Hence the Godejord zone is untested at depth west of 4500 E. The rich mineralization encountered in workings no. 6 and 7 and the geochemical soil anomalies, that extends from 4300 E to at least 3800 E, is encouraging. Further exploration is recommended in this area including a magnetic and IP survey, to cover the full extent of the geochemical anomaly, followed by diamond drilling.

A longitudinal section, showing drill holes/ore intersections on and around the Main Working, shows that this deposit is still open at depth along its plunge to the east north-east, see Fig. 12. This has been indicated by two question-marks on the figure within a block between 5350 E and 5500 E, and between the 100 and 200 m levels. Further drilling to check this part of the orebody is also warranted.

7. PROPOSED PROGRAM:

The proposed work is a priority 1 program based on an assessment of all results from both Skiftesmyr and Godejord. It does not exclude other programs in the vicinity of the known deposits, but a new priority ranking should await the results from the Current Priority 1.

Ground geophysics: As the ground geophysics on Godejord only cover part of the strong geochemical anomaly to the south-west, a magnetic and IP survey will be completed also for this area, partly overlapping with the old survey. Fourteen lines 500 m long 50 m apart will be surveyed between 3700 and 4300 E and between 100 and 600 N. The results will be used for the final positioning of the drill holes.

Diamond drilling: A preliminary drill plan for the south-west area at Godejord include six holes drilled with 100 m intervals on lines 3800 E to 4300 E, all drilled towards grid south with a plunge from 40 to 50°. Length will vary from 140 m to 180 m with expected ore intersection between 50 and 75 m below surface.

At the Godejord main deposit two drill holes are planned drilled along the lines 5400 E and 5450 E, plunging 60° towards grid south aiming to intersect the ore zone at the 150 m and 100 m levels respectively, indicated with DDH on Fig. 12. The holes will be around 240 and 280 m long.

We must provide for some flexibility in the program as results are coming in, but altogether it will include some 1,500 m of drilling.

The estimated cost figures for this program is given below.

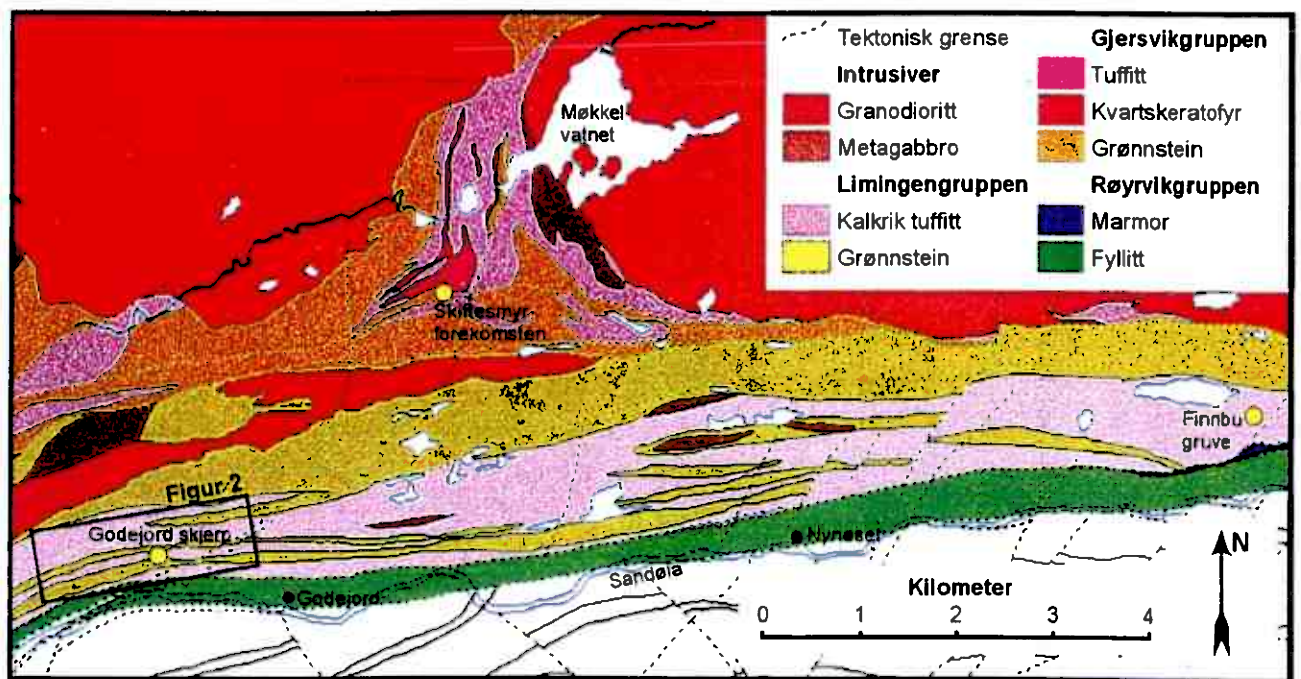
8. BUDGET:

	1000 Nkr
1. Magnetic and IP surveys including maps	85
2. Diamond drilling 1,500 m at Nkr. 600.-	900
3. Geologist for supervision, logging and reporting 10 weeks	180
4. Field assistant for geophysical survey and core splitting	60
5. Assays 200 core samples	40
6. Accommodation and per diem	40
7. Freight	20
8. Travel and transport	<u>45</u>
Sub total	1,370
Contingency	<u>130</u>
Total	<u>1,500</u>

The program is planned to be carried out between late June to August 1997.

Boye Flood

Arne Reinsbakken



Figur 1. Geologisk oversiktskart over Godejordområdet, Sandøladalen..

NGU Rapport 96.024

GRONG

1823 IV

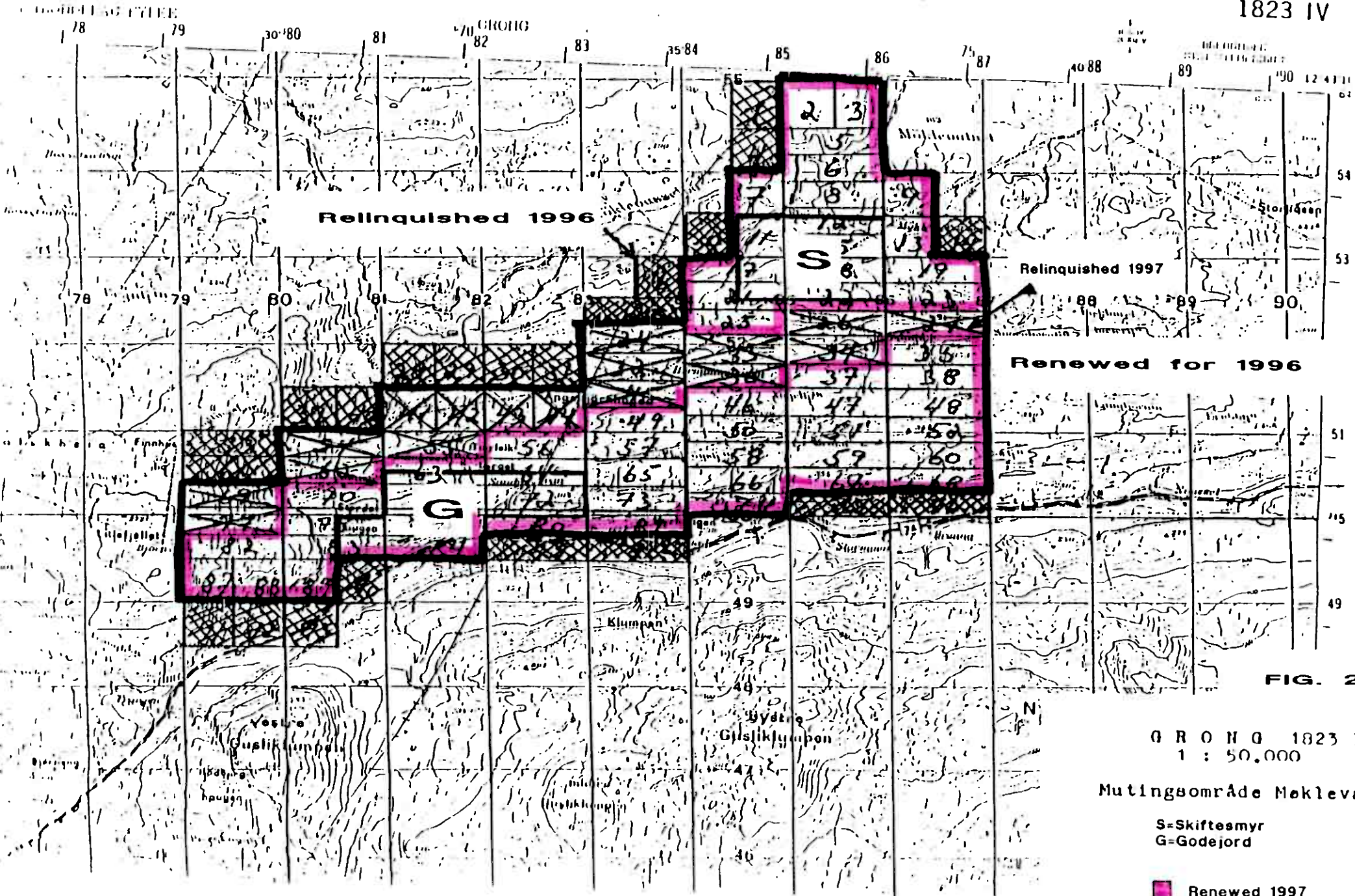


FIG. 2

GRONG 1823 IV
1 : 50,000

Mutingsområde Møklevatnet

S=Skiftesmyr
G=Godejord

Renewed 1997

LEGEND TO GEOLOGICAL MAP,

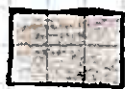
LEGEND FOR SKIFTESMYR GEOLOGICAL MAP

(A. Reinsbakken, 28.09.96)

Intrusives



• fine-med. grained Trondhjemite / ++ = coarse gr. Granodiorite
- Qtz. - diorite



- gabbro / - diabase

Volcanites



- dark amphibolitic greenstone, massive flows / sills?
strongly magnetic



- mod. dark amphibolitic greenstone; mass. flows / n n n = pillows



- pale, greenstones, Epidoterich flows / n n n = pillows
and gabbroid dykes / sills?



- fine gr. mod. green high level felsic intrusives (mass., homog dykes/sills)
variably magnetic; □ □ = feldspar phytic + garnet bearing.



- mixed layered tuffs (volcaniclastics?)
mafic dominated / felsic dominated



- BK - dark grey-black, mt rich silicate exhalites (cherts)

Intensely Altered Rocks



- pale, white, flinty Qtz-albite rich rocks; minor pyrite dissem.

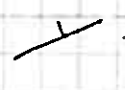


- pale-white, Qtz-sericite schists; with strong Py dissem. + veins

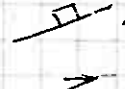


- dark, chlorite rich rocks; + pyrite - cpy? dissem. + veins

Structures



- foliation (schistosity)



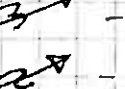
- layering (primary)



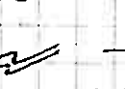
- lineation (m = mineral)



- early, isoclinal folds, syn schistosity
Z and S type folds.



- early, isoclinal M type folds



- crenulation folds, post schistosity



- crenulation folds with sense of vergence.



- major shear zone



- late subvertical faults.

Symbols



- bog, swamp



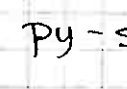
- outcrop exposure



- early workings
blasted pits, trench

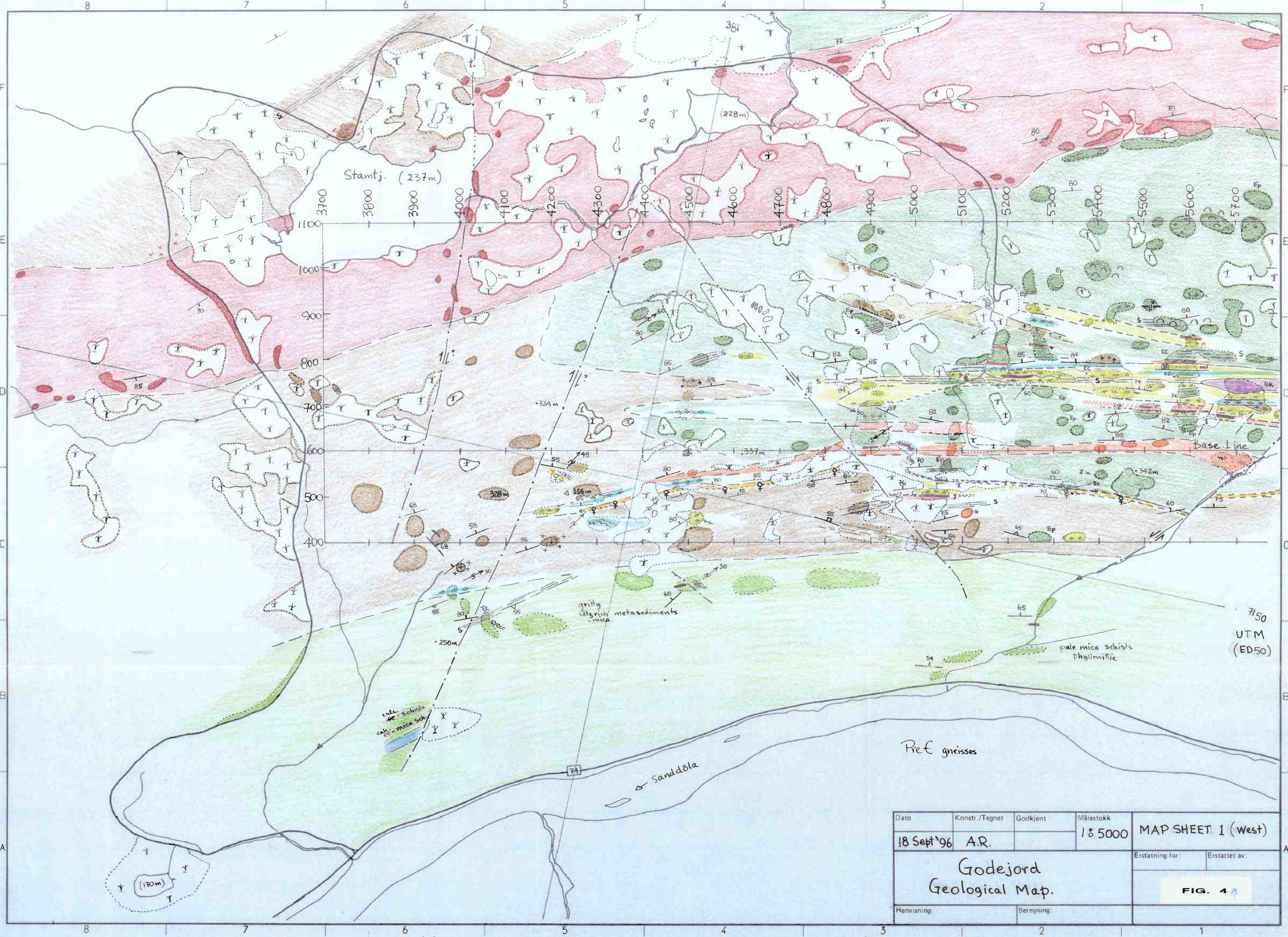


R - rusty zones
- sulfide dissem.
+ veins. corresponds
to EM anomalies

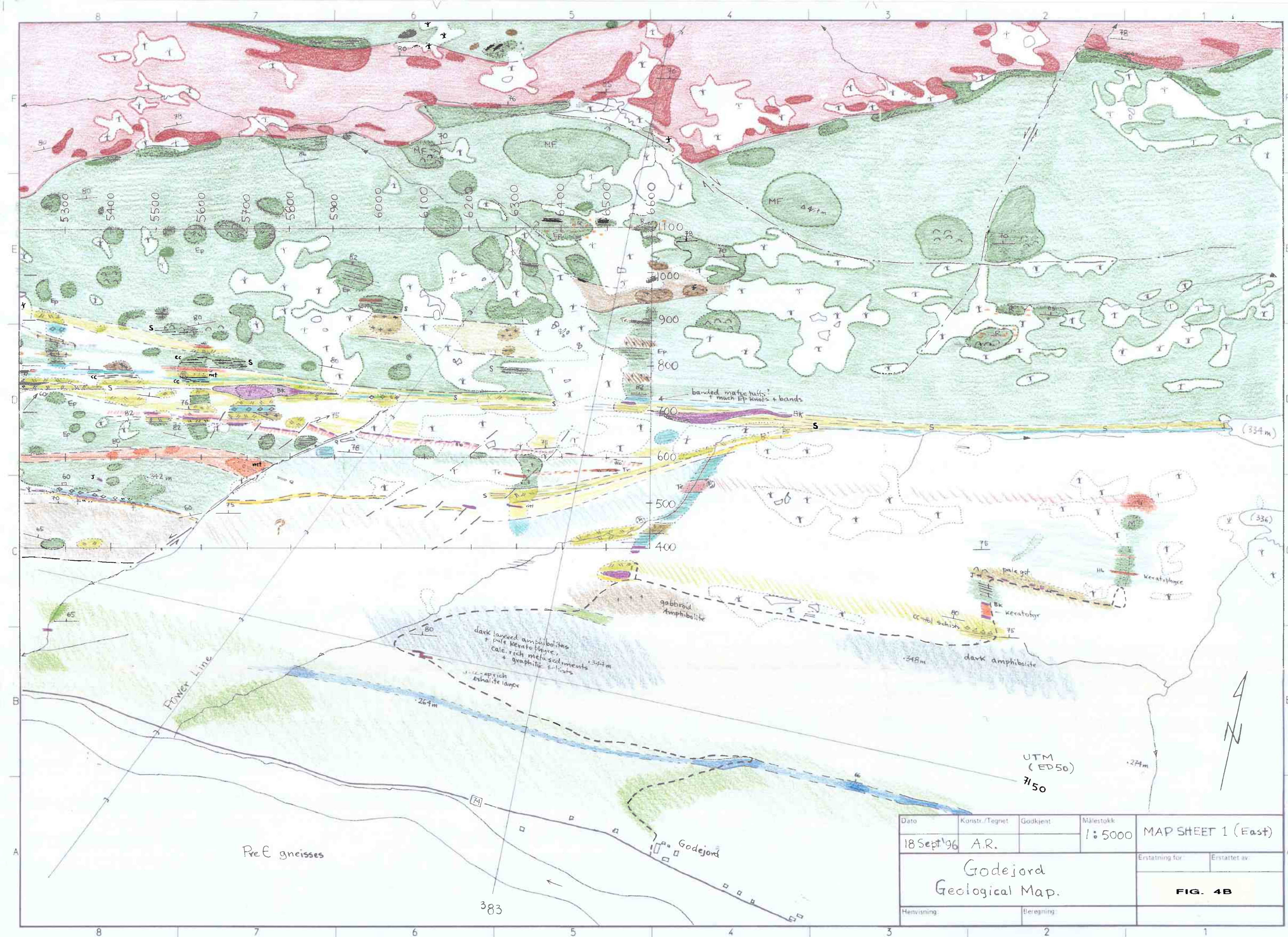


Py - strong py. dissem.

FIG. 3B






Dato	Konstr./Tegnet	Godkjent	Målestokk	MAP SHEET 1 (West)	
18 Sept '96	A.R.		1:5000	Erstatning for:	Erstattet av:
Godejord Geological Map.				FIG. 4	
Henvisning:		Beregning:			



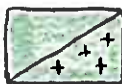


Legend to Godejord Geological Map. (18. Sept. '96)

- A. Reinsbakken





Intrusives

-  - pale, med. grained Trondhjemite (albite Quartz - Diorite).
-  - dolerite / gabbro.
-  - fine gr. high level felsic intrusives (volcanites?); G = garnet bearing



Metavolcanites

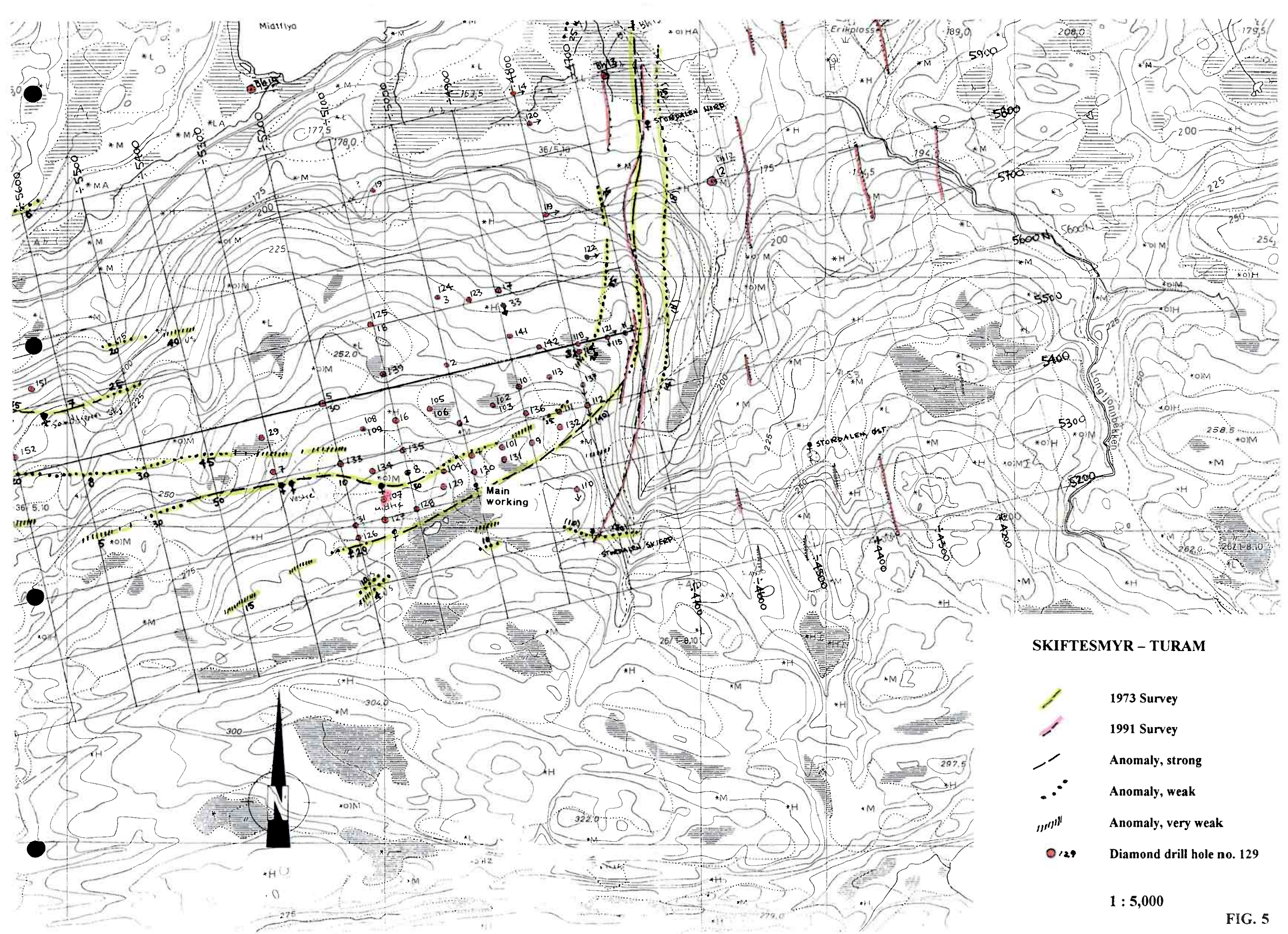
-  - dark, fine-gr. amphibolitic greenstone / +++ = doleritic greenstone
 nn = pillow lavas, Ep = epidote rich
 MF = massive flows, cc = carbonate rich
 s = strong foliated (sheared), R = rusty (po-py dissem.)
-  - pale greenstone / +++ - gabbroid (dykes/sills)
-  - BK = Blå kvarts - dark, mt bearing quartzite - recrystallized chert.
 J = jaspilite (pink quartzite - garnet bearing?)
 mt = dissem. magnetite

Altered Rocks

-  - pale, qtz-albite rich felsic volcanites? (Keratophyre).
 " " - Hbl. porphyroblasts in Silicate BIF?
-  - dark greenschists (mafic tuffs?), chl-amf rich layers.
 ◇◇ - dolomite/ankerite porphyroblasts, cc = carbonate rich (pitted)
-  - pale greyish-green alb-chl-w.mica-epidote rich layers
 " " - hornblend/amf needles, porphyroblasts
-  - pale, quartz-sericite rich rocks, with variable qtz + sulfide veins and disseminated pyrite

Metasediments

-  - variable grey-green to pale greyish quartz + carbonate rich mica schist and green-grey gritty elastic meta sediments
 ph = phyllonitic
-  - Carbonates Limestone / marble.



SKIFTESMYR - TURAM

- 1973 Survey
- 1991 Survey
- Anomaly, strong
- Anomaly, weak
- Anomaly, very weak
- Diamond drill hole no. 129

1 : 5,000

FIG. 5

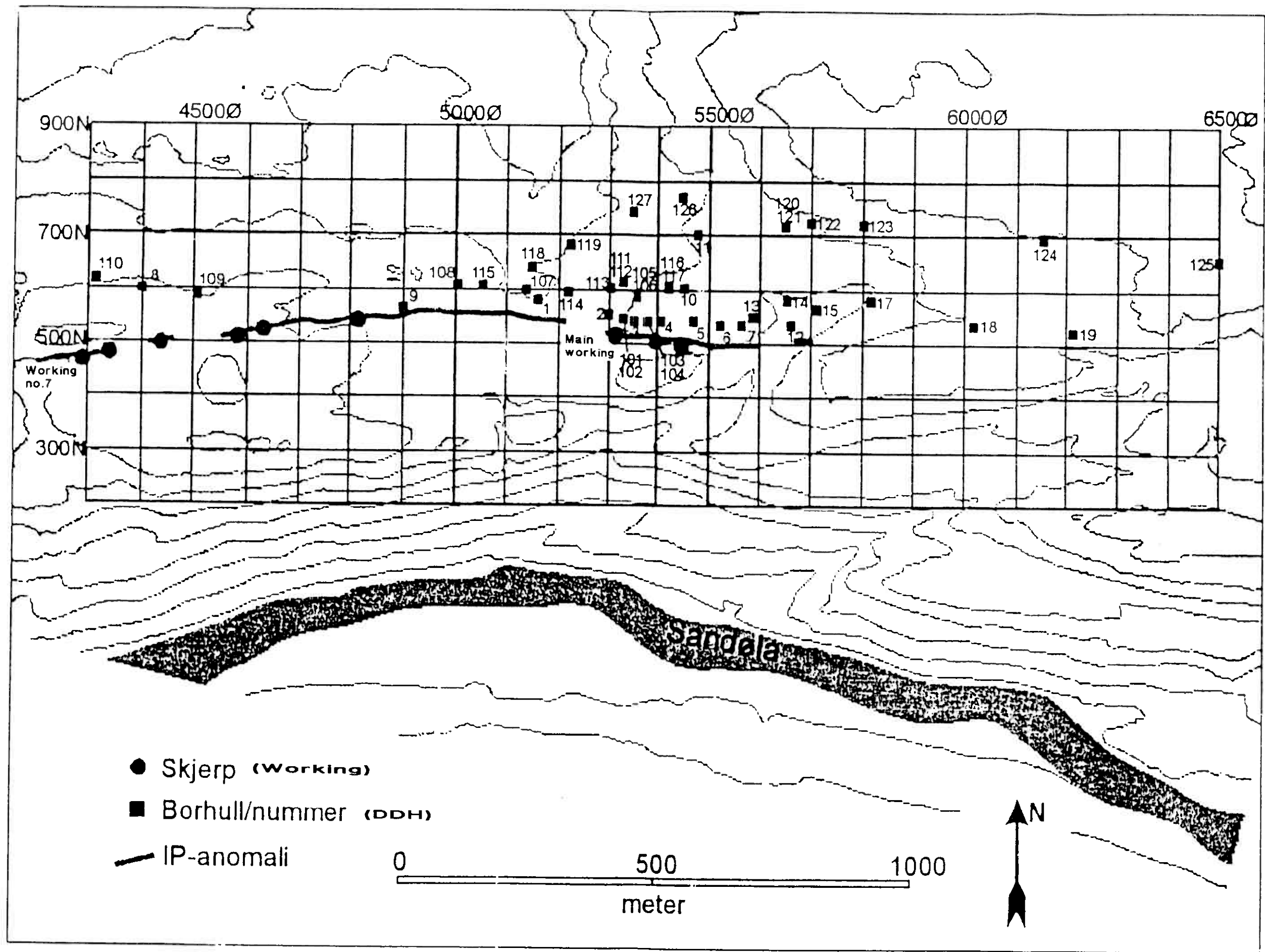


FIG. 6 Oversikt over borhulls plassering, skjerp og lokalt koordinatnett i Godejordsområdet.

GODEJORD

IP survey

NGU 1973-74

1 : 5.000

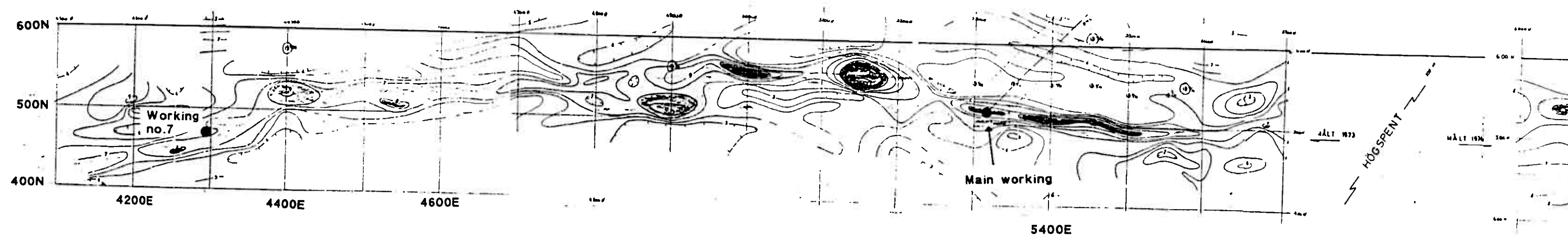


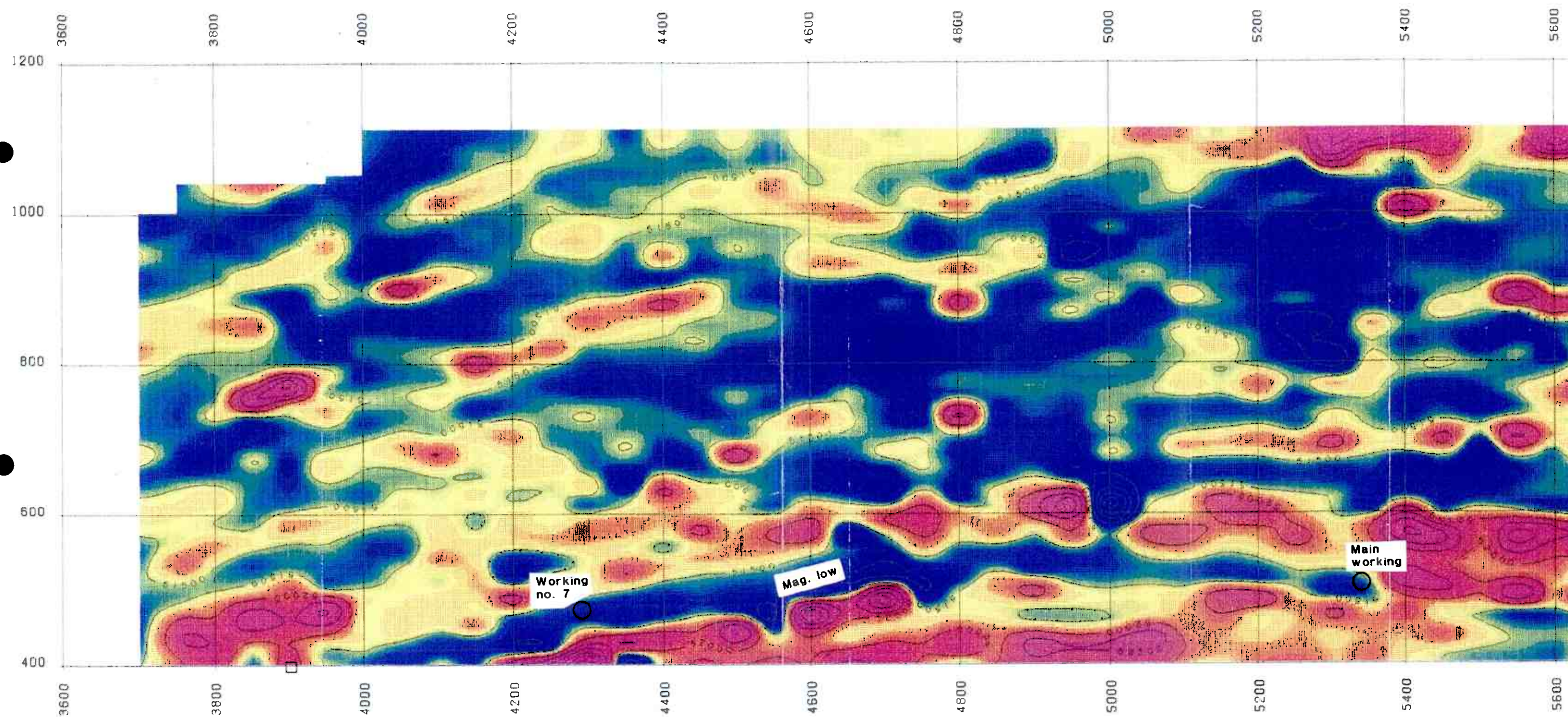
FIG. 7

GODEJORD

MAGNETIC MAP

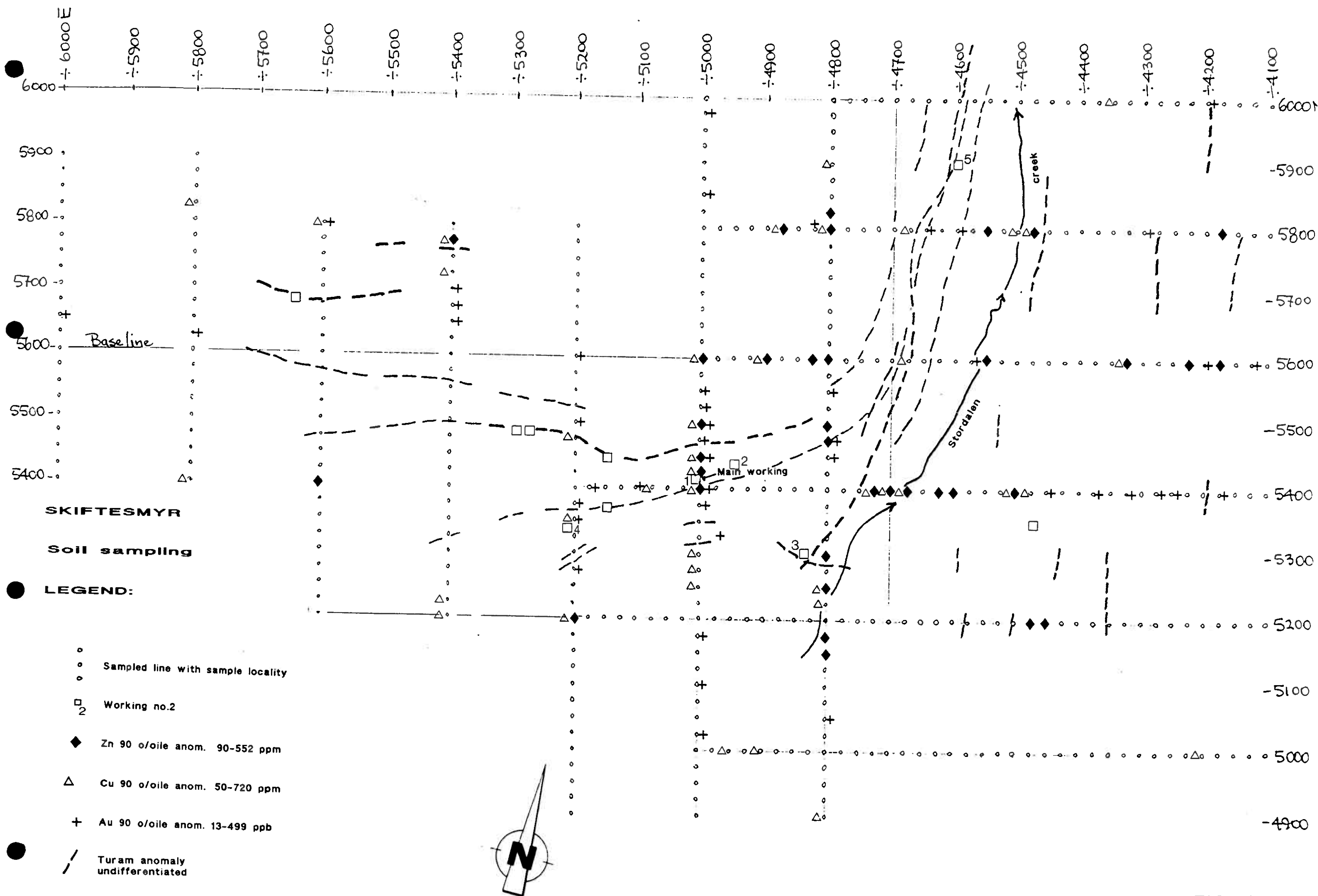
Total Field

1:5.000



Suomen Malmi OY
30.6.1992

FIG. 8





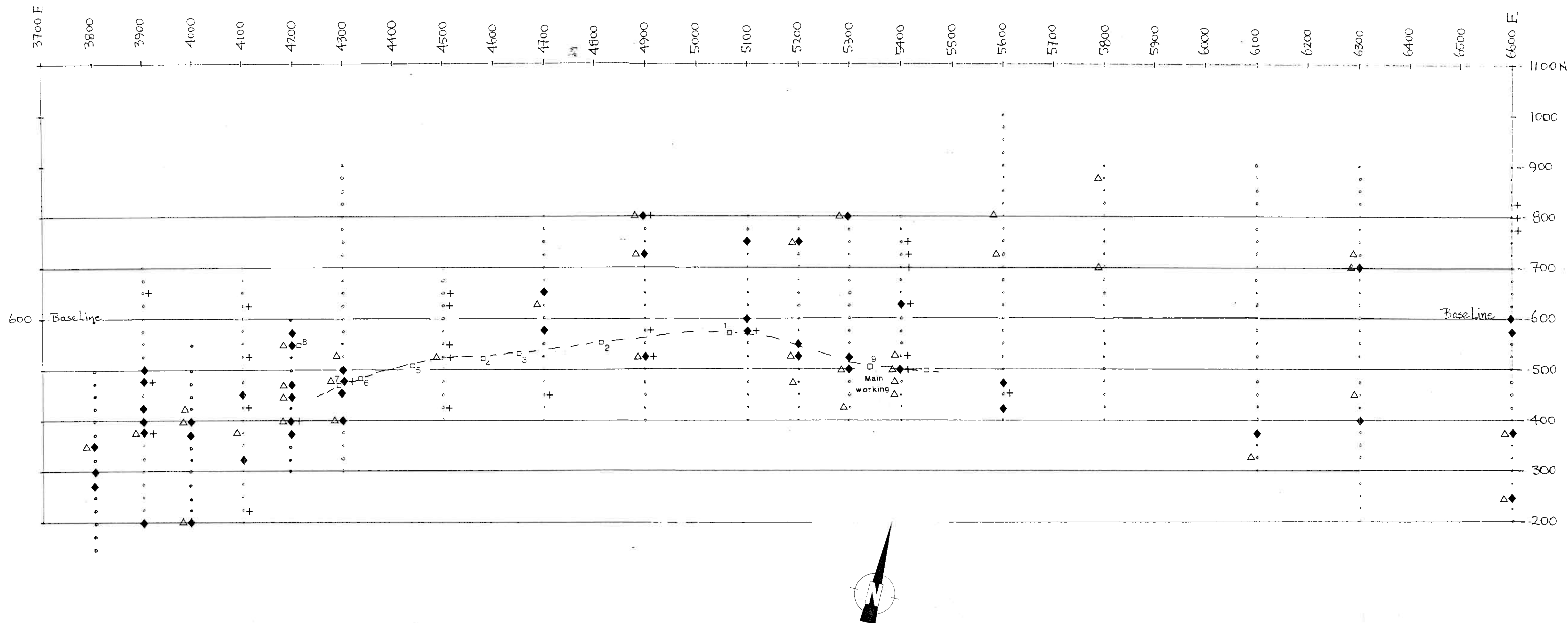
GODEJORD

Soil sampling

LEGEND:

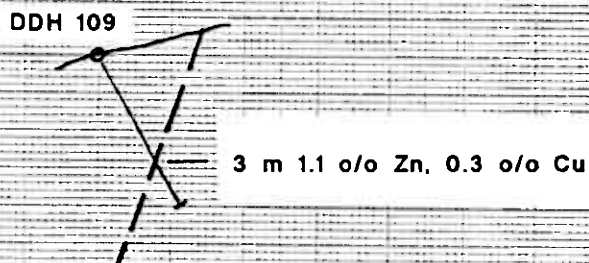
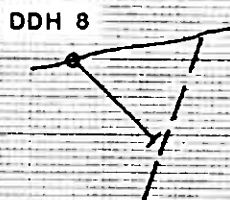
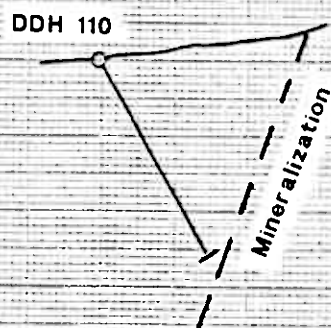
- Sampled line with sample locality
- Working no.2
- ◆ Zn 90 o/oile anom. 63-2890 ppm
- △ Cu 90 o/oile anom. 30- 230 ppm
- + Au 90 o/oile anom. 13- 90 ppb

1 : 5.000



Z

S



GODEJORD

Drill hole Sections

1 : 5.000

FIG. 11

GODEJORD

Longde snitt langs

malmsonen med dypde!

(/)

5000 y

5100

5200

y →

5300

5400

5500

1100

350

340

330

320

310

300

290

280

270

260

250

240

230

220

210

200

190

180

170

160

150

140

130

120

110

100

90

80

70

60

50

40

30

20

10

0

-10

-20

-30

-40

-50

-60

-70

-80

-90

-100

-110

-120

-130

-140

-150

-160

-170

-180

-190

-200

-210

-220

-230

-240

-250

-260

-270

-280

-290

-300

-310

-320

-330

-340

-350

-360

-370

-380

-390

-400

-410

-420

-430

-440

-450

-460

-470

-480

-490

-500

-510

-520

-530

-540

-550

-560

-570

-580

-590

-600

-610

-620

-630

-640

-650

-660

-670

-680

-690

-700

-710

-720

-730

-740

-750

-760

-770

-780

-790

-800

-810

-820

-830

-840

-850

-860

-870

-880

-890

-900

-910

-920

-930

-940

-950

-960

-970

-980

-990

-1000

-1010

-1020

-1030

-1040

-1050

-1060

-1070

-1080

-1090

-1100

-1110

-1120

-1130

-1140

-1150

-1160

-1170

-1180

-1190

-1200

-1210

-1220

-1230

-1240

-1250

-1260

-1270

-1280

-1290

-1300

-1310

-1320

-1330

-1340

-1350

-1360

-1370

-1380

-1390

-1400

-1410

-1420

-1430

-1440

-1450

-1460

-1470

-1480

-1490

-1500

-1510

-1520

-1530

-1540

-1550

-1560

-1570

-1580

-1590

-1600

-1610

-1620

-1630

-1640

-1650

-1660

-1670

-1680

-1690

-1700

-1710

-1720

-1730

-1740

-1750

-1760

-1770

-1780

-1790

-1800

-1810

-1820

-1830

-1840

-1850

-1860

-1870

-1880

-1890

-1900

-1910

-1920

-1930

-1940

-1950

-1960

-1970

-1980

-1990

-2000

-2010

-2020

-2030

-2040

-2050

-2060

-2070

-2080

-2090

-2100

-2110

-2120

-2130

-2140

-2150

-2160

-2170

-2180

-2190

-2200

-2210

-2220

-2230

-2240

-2250

-2260

-2270

-2280

-2290

-2300

-2310

-2320

-2330

-2340

-2350

-2360

-2370

-2380

-2390

-2400

-2410

-2420

-2430

-2440

-2450

-2460

-2470

-2480

-2490

-2500

-2510

-2520

-2530

-2540

-2550

-2560

-2570

-2580

-2590

-2600

-2610

-2620

-2630

-2640

-2650

-2660

-2670

-2680

-2690

-2700

-2710

-2720

-2730

-2740



Photo 1: From central part of Godejord, seen towards WNW



Photo 2: The Godejord mineralised zone seen towards E. Person standing on Working no. 5



Photo 3: Godejord west. W-SW view from working no. 7 into Sandøla valley bottom.



Photo 4: Skiftesmyr. NE view from Main working towards Møklevatn.



Photo 5: Skiftesmyr Main working before new trenching and sampling. South view



Photo 6: Godejord Main working, north view.



Photo 7: Skiftesmyr (south west trench), looks NE towards the Møklevatn area.



Photo 8: Banded iron formation near Nye (new) Godejord, seen towards N.

APPENDIX 1

MØKKELVATNET PROJECT: The Skiftesmyr and Godejord Deposits

The Grong District covers a 3000 km² area in central Norway, bounded to the East by the Swedish border, to the west by the River Namsen, to the south by the Sandøla Valley and to the north by the large Lake Namsvatnet and the Borgefjell national park.

The Grong District is underlain dominantly by Lower Palaeozoic metavolcanic, metasedimentary and intrusive rocks, of Mid. Ordovician age, that comprises the Gjersvik Nappe, part of the larger Koli Nappe of the Upper Allochthon tectanostratigraphy within this part of the central Scandinavian Caledonides. These nappe sheets contain thrust emplaced terrains that are far transported slices of volcanic, intrusive and sedimentary rocks of ocean floor, rifted-arc and back-arc marginal basin infill that have been thrust eastward onto the Baltoscandinavian basement (Baltic Shield).

The Gjersvik Nappe consists mainly of a magmatic complex that is dominated by a mafic volcanite and subvolcanic intrusive complex which are overlain by sediments that have been derived, for the most part, from erosion of the magmatic arc during a period of extensive uplift and erosion.

Mafic volcanites dominate the island arc - rifted arc complex with felsic volcanites forming only a minor component. The felsic volcanites occur at several stratigraphic levels, often associated with massive sulphide mineralizations that are generally overlain by thin layers of banded iron formation (BIF), which regionally can form extensive marker horizons throughout the district.

The whole sequence has undergone extensive folding and shearing deformation related to thrusting and Nappe emplacement. The rocks are generally moderate to strongly sheared (well foliated) and have undergone Upper Greenschist, grading into Lower Amphibolite facies metamorphism within the western part of the district.

Volcanic hosted massive sulphide (VHMS) mineralization is common in the volcanic complex, occurring at several stratigraphic levels. Although most of the deposits are small (< 1M metric tons = tonnes), several major deposits occur in the district (Joma = 20M, Skorovass = 10M and Skiftesmyr = 4M tonnes). Three deposits have been exploited or are currently under production. Skorovass was mined from 1952 to 1984, divided into 2 periods: 1952-76, 3.9M tonnes, grading 39.1% S and 1.1% Cu of pyrite fines mined for the production of sulphuric acid, and 1976-84, 1.7M tonnes grading 1.15% Cu and 2.71% Zn mined for production of Cu and Zn concentrates. When production started at Joma in 1972, the total reserves were calculated at c. 20M tonnes of massive and disseminated ore containing 32% S, 1.3% Cu, 1.7% Zn with only minor amounts of Pb and recoverable Ag and Au. Production at Joma is forecast to stop around mid summer next year (1997). At the end of 1994, 9.6M tonnes of ore has been mined at Joma, grading 1.50% Cu and 1.46% Zn. The Gjersvik deposit (c. 1.6M tonnes, grading 1.60% Cu and 1.0% Zn), which lies 25 km to the west of Joma, is currently being mined and the ore transported to Joma for processing. Mining started in 1993, based on c. 500 000 tonnes grading 2.15% Cu and 0.60% Zn.

The Møkkelvatn Area

The Skiftesmyr and Godejord deposits occur in the Møkkelvatn area at the SW corner of the Grong District, c. 20-30 km east of the Grong community centre. The Skiftesmyr deposit

occurs at roughly the same stratigraphic level in the Gjersvik Gp. magmatic complex as the Skorovass and Gjersvik deposits to the north. These two deposits are overlain by a pronounced layer of felsic volcanites. The Skiftesmyr deposit occurs in a slightly different environment and is overlain by a thicker sequence of mixed felsic/mafic tuffs and/or volcanoclastics which grades upwards into more mafic dominated tuffs and massive to pillowed lava flows. These rocks are metamorphosed under Upper Greenschist to Lower amphibolite facies conditions. Regionally, the rocks show varying degrees of shearing and are for the most part moderately foliated, and in some areas volcanic structures and textures are preserved. On approaching the massive ore zone, however, the country rocks become extremely sheared.

Skiftesmyr

The orebody at Skiftesmyr consists mainly of Zn-Cu rich massive pyritic ore that occurs as thin layers or as a continuous series of ore lenses forming a relatively thin, plate-like orebody. The thickness of the ore zone varies between 2-20m, with 4-6m being most common. The massive ore contains many fragments of country rock near its contact with the host rock, especially within the upper and eastern parts of the orebody. These fragments appear to be remnants of fold hinges that have been ripped apart and now occur as loose fragments, floating within the strongly sheared orebody.

The orebody

The orebody at Skiftesmyr consists dominantly of massive sulphide layers and lenses enclosed within a quartz-sericite, albite and chlorite rich schistose country rocks that contain variable quantities of disseminated and veined sulphides, dominantly pyrite. Minor quantities of chalcopyrite (cpy) and sphalerite (sl) are also present within these altered and sheared rocks, cpy being mostly confined to the darker chlorite rich rocks and sl in the pale, quartz-sericite and albite rich rocks. The massive ore is dominantly pyritic with varying subordinate quantities of cpy and sl and minor amounts of pyrrhotite (po). The Ag and Au mineralogy at Skiftesmyr has to date not been studied and the distribution of these precious metals within the orebody is little known because of the sparse amount of analytical data presently available. The main gangue minerals are quartz, chlorite and calcite.

Copper and Zinc are antipathetically related to each other and show a clear zonal distribution within the massive pyrite orebody, which is typical for most VHMS deposits. The Cu rich ore dominates within the eastern and upper levels of the orebody and Zn rich ore is concentrated in the western part and at depth in the orebody. The deposit is open at depth and towards the west, where the orebody also becomes distinctly thinner.

The massive pyritic ore at Skiftesmyr is a compact, homogeneous ore type of medium-grained size, generally in the range of 1-5mm. Although no detailed mineralogical study has been done here, the individual pyrite grains appear to be granular in nature having well developed grain boundaries and are relatively clean with few sulphide inclusions. Chalcopyrite and sphalerite usually form grains at the boundaries between the larger pyrite grains. Pyrrhotite occurs only as a minor constituent within the massive ore and is found mainly along shear planes and late fractures that cut across the pyrite grain boundaries. Thus, mineral separation of the Skiftesmyr ore should give relatively clean products and should not cause great problems, as did for i.e., the extremely fine-grained, complex pyritic ores from Skorovass and Joma.

Host rocks

The massive orebody is enclosed in intensely altered rocks that adjacent to the orebody are strongly sheared and schistose. On the south side of the orebody, the FW rocks are dominated by pale coloured, quartz-sericite and albite rich rock carrying large quantities of disseminated pyrite and quartz-pyrite veins. These grade into darker, chlorite rich rocks that contain minor quantities of pyrrhotite. The altered rocks are arranged in a zonal pattern around the orebody. Quartz-sericite rich rocks occur adjacent to the orebody and grade outwards away from the massive orebody into albite- and chlorite-rich rocks. Further into the FW, the chlorite-rich rocks grade into more normal chloritic greenstones rich in epidote and carbonate and with minor disseminations of po and py. Volcanic structures such as pillows are present in these rocks.

Near the surface, within the immediate HW to the orebody, the country rocks are visibly paler in colour, harder and are richer in quartz-albite with less quartz-sericite and chlorite. Deeper within the orebody, along the HW, the rocks are more schistose and become richer in quartz-sericite and chlorite.

On surface, to the NE of the main showing along the western edges of the Stordalen valley, pale coloured quartz-sericite and albite rich rocks occur that contain zones rich in pyrite disseminations and quartz-pyrite veining surrounded by darker chlorite rich rocks with only minor pyrite. These intensely altered and strongly sulphide impregnated rocks are thought to represent the feeder zone to the massive sulphide ores at Skiftesmyr that lie to the W and SW. This N-NE trending zone of strong pyrite disseminated rocks corresponds with a strong EM anomaly found in the overburden covered lowland area to the N of the main showing. This anomaly can be traced for several km to the NE.

North of the surface expression to the massive ore horizons, the HW rocks to the orebody consists of a sequence of variably layered, massive felsic volcanites and/or intrusive sills (?) that are interlayered with fine-laminated felsic to mafic tuffs or tuffites? Some of these felsic layers show clearly turbiditic/ volcanoclastic textures (fine- to coarse-grained beds) and soft sediment slumping folds are observed. The quartz and albite rich felsic layers are generally variably magnetic in nature. Some extremely magnetic layers have been observed in drill core. The high magnetite contents in certain quartz rich layers may be derived from reworking of earlier magnetite bearing felsic volcanic rocks. This layered felsic tuff/ volcanoclastic sequence grades upwards into mafic dominated tuffs with minor felsic layers, which in turn grades stratigraphically upwards into a mafic massive and pillowed flow sequence.

The layered felsic-mafic tuffite/volcanoclastic and overlying mafic lava unit that lies to the north of the orezone is interpreted to be younger than the massive sulphide mineralization and associated altered HW and FW mafic volcanic rocks that host the massive orebody at Skiftesmyr. On surface, near the main showing, massive sulphide ore is in contact with irregular lenses (overlain by), bands and fragments of magnetite bearing quartzites (recrystallized chert), which are interpreted as silica rich exhalites. Magnetite-bearing chert, with minor amounts of po and py, occur as layers and lenses of varying thickness and extent, at the contact between the two main rock units at Skiftesmyr. In simplest terms, the altered

mafic volcanic complex forms the stratigraphic FW and the mixed felsic/mafic tuff-volcaniclastic complex forms the HW to the massive orebody. Late, feldspar-phyric felsic and pale green gabbroid dykes are found cutting the ore zone and the overlying tuff/volcaniclastic complex.

Structures

The orebody occurs partially within a major shear zone. The massive pyritic ore, containing numerous fragments of folded country rocks, occurs as parallel ore layers and lenses within what appears to be a major shear zone along the HW side, throughout the whole length of the orebody. This is well demonstrated in most vertical sections. The shear zone appears to be an early structure and the ore zone plunges steeply to the NW within this structure. The distribution of Cu- and Zn-rich zones within the orebody and the ore thickness also appears to plunge in a NW direction, suggesting that they also may be related to later folding and shearing deformation.

The surface geological map over Skiftesmyr shows that the area has been folded into a major open flexure. The rocks to the NE and E of the main showing trend to the north and dip steeply to the west and rocks within the ore zone and to the west, trend roughly E-W and dip steeply (60-65°) to the north. This is a late crenulation type fold having NE steeply plunging fold axes.

Ore reserves and production plans

The earliest ore reserve calculation quoted for the Skiftesmyr deposit was carried out in 1977 by Grong Gruber A/S and gave a geological ore reserve of 3.5M tonnes grading 1.16% Cu and 1.79% Zn. Later drilling has not changed to any degree this figure from 1977, as much of the later drilling (1980-92) was confined to filling in details within the upper levels of the orebody.

In 1992, Norsulfid A/S presented an ore reserve calculations for the Skiftesmyr deposit which included all drilling done on the deposit up to 1992 (Norsulfid A/S company report to the Mining Commission, BV 2882). Plans for both underground and an open pit mining was also presented in 1992 (Norsulfid A/S company report to the Mining Commission, BV 2883):

1) cut-off 1%Cu equivalent: total 2 746 470 tonnes grading 1.23% Cu, 1.86% Zn, 11.37 ppm Ag, 0.35 ppm Au and 37.52% S. The calculated ore zone has a strike length of 400m and a vertical length of 400m. The thickness of the ore zone varies between 2-21m.

2) cut-off 2% Cu equivalent: total 1 759 417 tonnes grading 1.38% Cu, 2.13% Zn, 12.99 ppm Ag and 0.37 ppm Au.

3) According to underground mining plans reported by Norsulfid A/S (report BV 2883), a total of 2 684 000 tonnes of ore was planned to be taken out (cut off 1% Cu equivalents), grading 1.08% Cu, 1.63% Zn, 8.65 ppm Ag, 0.31 ppm Au and 34.6% S. The reduced tonnage and grades quoted here results from ore being tied up in pillars and from waste rock dilution.

Godejord

The Godejord deposit lies c. 3-4 km SSW of Skiftesmyr, in a slightly different geological environment. The rocks at Godejord consist of a complex dominated by mafic volcanites and

minor tuffite/ sediments that have been strongly deformed and metamorphosed under Lower Amphibolite facies conditions. The whole sequence appears to be inverted at Godejord. Mafic volcanites dominate. The lower part of the sequence is dominated mostly by thick layers of massive flows, dykes and subvolcanic high level doleritic intrusions or sills and the upper part by pillowed flows. These two units are separated by a very persistent BIF/tuffite horizon that forms a prominent marker horizon throughout the district. At Godejord, this unit forms the HW to the main (East) orebody.

This sequence of mixed mafic volcanites/ tuffitic rocks is distinctly different from those found at Skiftesmyr. Trace element characters of the volcanic rocks are distinctly different from those found at Skiftesmyr, and of those in the Gjersvik Gp. in general. It has been suggested (Grenne and Erichsen, 1996) that the Godejord volcanites may in fact be older than the Gjersvik Gp. rocks, and possibly of late Proterozoic (Cambrian?) age. The Godejord volcanites may be related to a belt of amphibolitic greenstones that host a major Fe deposit (BIF) found to the west of the Grong District.

Only minor intrusive rocks are found at Godejord. Thin feldspar-phyric felsic dykes are present near the ore zone and pale coloured gabbroic bodies are found to the north.

The Godejord ore zone lies at a level in the thick volcanic sequence that is dominated by calc. rich tuffites with iron formations and cherts intercalated with mafic volcanites and minor felsic unites. The total strike length of the mineralized zone is in excess of 2km. However, the most interesting mineralization is confined to a c. 500 m long zone centered around the main Godejord showing. The ore zone has roughly a E-W trend and dips steeply (60-70°) to the north. The thickest part of the orebody appears to plunge steeply to the NE, which is in agreement with interpretations made by Outokumpu OY in 1992 for down-hole geophysics on the whole eastern ore zone.

The East orebody at Godejord lies adjacent to a prominent magnetite-bearing quartzite (recrystallized chert). This silica exhalite unit that forms the HW to the ore, is folded into a tight isocline just west of Godejord, the northern limb of this fold continues for many km to the east. The rocks immediately surrounding this quartzite horizon is strongly sheared and the quartzite is often found as lenses along the strongly sheared extended limbs. Rocks that are in contact with the quartzite are also strongly altered into pale albite-epidote- carbonate rich assemblages that often show zonal arrangements, grading from quartz-sericite-pyrite to quartz-albite through to chlorite-epidote-carbonate (siderite-ankerite-dolomite?) rich rocks trending away from the most intensely altered, central parts of the mineralized zone. Several parallel zone of altered rocks have been noted surrounding the Godejord mineralization.

Host rocks

Interpretation of the host rocks is difficult as many different geologists have logged the drill core over the years. Because of the sheared nature of these rocks, it is difficult to compare the lithological data from drill holes over the whole deposit to the surface geology.

The drill holes are dominated by rocks that are strongly banded to laminated, often on a cm-dm scale. These laminated rocks were originally interpreted as tuffites, showing variable contents in felsic to mafic type laminae and layers rich in carbonate, and all possible gradations of these. However, much of these layered units are strongly sheared and some are mylonitic in nature. Much of the carbonate 'tuffites' up in the HW to the ore zone (surface and down to 110-150m above HW of the ore zone) are rich in calcite, ankerite and siderite (dolomite?) porphyroblasts, and some zones rich in large hornblend sheaths are also common. These rocks

can also be interpreted as resulting from alteration during a period of intense hydrothermal activity related to the formation of ore mineralization at Godejord.

Below the ore zone, tuffite sequence with felsic layers is more common and an up to 10m thick quartz keratophyre unit, possibly intrusives/dykes are also common.

Greenstones, present as relatively homogeneous fine to medium grained metabasalts, are more common away from the ore zone, both above and below the ore zone. A 35-50m thick sequence occurs 20m below the ore zone. Pillowed and dykes like structure are observed locally within the drill core and are both also observed on surface to the north of the drill sites.

Banded Iron Formation (BIF) horizons occur at several places in the stratigraphy, as thin, partly fine-laminated bands. Pure BIF is most common at levels 190-230m (called the New Godejord zone) and 35-40m above the main ore horizon. Within these zones, the BIF can occur as pure Fe-sulphide, magnetite or pink Mn-rich garnet rich bands. Band thicknesses from mm to several dm are common, often intercalated with layers of pure quartzite (recrystallized chert). Gradations between the 3 types (sulphide-, oxide- and garnet-chert) are common and gradations between pure BIF and various tuffitic rocks is also common, such as felsic to mafic tuffites with varying contents of magnetite, pink garnet and Fe-sulphides and quartz-rich tuffites.

Godejord orebody

The Godejord deposit is a strongly tectonized Zn-Cu-(PB-Ag-Au) mineralization with variable contents of pyrite. The deposit occurs in an area that is strongly covered by overburden and the mineralized zone is uncovered in several small workings over a distance of 1100 m along its E-NE strike direction. Mineralization is concordant with the enclosing strongly foliated rocks that dip steeply (50-75°) to the N-NW. Most of the zone contains relatively weak sulphide mineralization.

Semi-massive to massive mineralization is only found in the eastern part of the zone, around the main showing at Godejord. Here, the ore zone is closely associated to a magnetite-bearing quartzite lens (recrystallized chert), that for the most part forms the HW to the deposit and locally can reach thicknesses up to 10m. The mineralized zone at Godejord is confined to the FW of a prominent quartzite (chert) horizon that trends roughly E-W and dips 60-70° to the north. The orebody is thickest and richest around the main showings (called the John Godejord skjerp) and the most interesting mineralization plunges steeply to the NE.

Ore mineralization occurs within a zone containing a variety of host rocks ranging from quartz, carbonate, quartz-sericite and actinolite-tremolite rich layers. Pyrite dissemination is most common and quite variable and interlayered with bands of semi-massive to massive pale, honey yellow coloured sphalerite and chalcopyrite rich disseminations in dark hornblend-actinolite rich layers. The individual layers vary from cm to dm in thickness (i.e., 10-30cm thick layers of massive sphalerite). Au mineralization may be found associated with quartzite lenses and layers within the mineralized zone, as is the case to the west of here. Au may have been derived through remobilization from chert/BIF layers that have been tectonically reworked and hydrothermally altered during the period of sulphide deposition.

The richest parts of the deposit occurs within a zone up to 60m long and 15m thick, where grades can reach up to several % Cu, 0.7%Pb, 80 ppm Ag, 5 ppm Au and 25% Zn. This ore

type, with relatively high values of Zn, Pb, Au and Ag is somewhat atypical for the Godejord sulphide ore zone. Another anomalous trait of the Godejord deposit is its large quantities of extremely Fe-poor, pale honey-coloured sphalerite.

At depth, below the surface extent of the main showing at Godejord, the mineralized zone becomes more tectonized and strongly sheared, with quartzite lenses and remobilized quartz fragments occurring throughout the ore zone. The mineralized zone appears to form several en echelon ore lenses that are cut by several steeply dipping shear zones.

Deeper within the ore zone, at 150-200m depth in DDH 121, 126 and 127, the ore zone is much thinner and more tectonized and irregular in nature. Here, the ore zone consists mainly of weak disseminations of mainly sphalerite and pyrite occurring as irregular slivers and sheared lenses within a breccia-like to irregular bands of quartz-sericite matrix. Bands of pure quartzite are found and bands rich in more or less pure pyrite are also common. Sulphide disseminated tuffites interlayered with BIF bands (often garnet bearing) are found in the immediate HW to the mineralized zone. At the FW contact to the ore zone, the mineralization is generally in sharp contact with layered tuffites.

Rich ore, found near the surface around the main showing at Godejord, does not continue down to depth. At c. 250m depth the whole mineralized zone is less than 1m thick and strongly tectonic in nature.

From the East orebody (main showing area), the mineralized zone at Godejord continues to the west for c. 1.5km and for about c. 1km to the east. The thin mineralized zone corresponds to a prominent IP anomaly in the strongly overburden cover terrain. To the west, the mineralized zone has a max. thickness of 4-5m consisting of strongly altered quartz-sericite-albite rich rock carrying variable quantities of pyrite and minor sphalerite that occur as dissemination and veins. This sulphide disseminated alteration zone appears to cut through a more or less homogeneous, massive dolerite complex. The orebody beneath the quartzite horizon at Godejord is interpreted as being a calc-silicate skarn mineralization, occurring as actinolite-tremolite, quartz, carbonate and quartz-sericite rich rocks that contain variable disseminations to semi-massive to massive mineralization rich in pyrite-sphalerite-chalcopyrite±galena.

Ore Reserves

An ore reserve calculation was done by Norsulfid A/S (Norsulfid A/S report to Mining Commission; BV 2882) in 1992 for a feasibility study for underground drift at Godejord (report BV 2884 for underground mining plans). The reserves were based on underground production taken at levels between the surface (307m) down to the 240m level (300, 280, 260 and 240m levels). Ore reserves for the planned production was calculated at 76 221 tonnes grading 0.76% Cu, 7.76% Zn, 24.47 ppm Ag and 0.83 ppm Au. A 16.5% waste rock dilution factor is included in these figures.

NGU did an ore reserve calculation for Godejord for the North Trøndelag Fylkeskommune in 1996, based on all drill holes (31 DDH) from the deposit. This includes 2-3 new deep hole that intersect the ore zones at a depth of 250m below the main showing. The mineralized zone of interest is called the 'East Orebody' and lies beneath the main showing at Godejord, over a strike length of 500m and down to a depth of 250m (NGU report 96.024). The NGU reserve is quoted in two figures based on a cut-off of: 1) 1% Cu equivalent, and 2) 2% Cu equivalent:

1) cut-off = 1% Cu equivalent; deposit size, 250 000-300 000 tonnes (150m strike length plus 200m plunge length to depth) grading 0.6% Cu, 4.2% Zn, 0.1% Pb, 15 ppm Ag and 0.4 ppm Au.

2) cut-off = 2% Cu equivalent; deposit size 100 000 tonnes (100m strike length and 100-120m plunge length at depth) grading 0.8% Cu, 6.9% Zn, 0.2% Pb, 20 ppm Ag and 0.8 ppm Au.

References:

Grenne, T. and Erichsen, E., 1996: 3-D modellering, tonnasje- og gehaltberegning av Godejordforekomsten, Grong, Nord-Trøndelag. NGU Rapport nr. 96.024, 41p.

APPENDIX 2

Rapportarkivet

Bergvesenet, Norway

Geology

BV rapp	Kommune	Tittel	Ekstern. rapp.	År	Bedrift Fagområde	Emne	Gradering
BV 2962	Dovre Grong Kongsvinger Eidsvoll Folldal	Analyseresultater 1986-1991		19	Folldal Verk A/S	Au Ag Cu Zn	Åpen
					Kjemiske analyser		
BV 564	Bindal Brønnøy Sømna Snåsa Grong	Prospektering i Bindalsområdet	NGU 1091 A	1971	NGU	Au W Ni Pt Pd	Åpen
BV 1123	Grong	Follow-up of cobber and mollybdenum geochemical anomalies in the southern part of grongfeltet - Field work and analytical results for Cu and Mo	NGU 1289 (prel.rep)	1974	NGU	Cu Mo	Åpen
					Geologi Geokjemi Prospektering		
BV 1725	Grong	Geologien i Sanddøla - Blåmuren området 18. mai - 25. september 1973	NGU 1189	1974	NGU		Åpen
					Geologi		
BV 1754	Grong Namsskogan Røyrvik	Magnetiske og elektromagnetiske målinger fra helikopter i Grongfeltet 1974	NGU 1274	1974	NGU		Åpen
		av IV			Bind II Geofysikk		
BV 3957	Grong	Grongprosjektet - Foreløpig rapport over geologisk feltarbeide i Sanddøla-området 15. mai - 15. september 1972.		1974	NGU	Kis	Åpen
					Geologi		
BV 2890	Grong	Geologisk berrapportskjema.		1974	Grong Gruber A/S		Åpen
					Boring		
BV 8	Grong	Grongfeltprospekteringen. Årsrapport for 1974		1975	Grong Gruber A/S	Cu Zn	Åpen
					Geologi geofysikk boring		
BV 9	Grong	Grongfeltprospekteringen. Supplement til årsrapport for 1974		1975	Grong Gruber A/S	Cu Zn	Åpen
					Geologi		
BV 1806	Grong	Geological Report Finnkrudåma - Nesåpiggen Contribution to the Grong Project		1975	ELKEM A/S. Skorovas Gruber		Åpen
					Geologi		
BV 3555	Grong	Befaring i Grongfeltet 5. august 1975	USB 3/75	1975	USB		Åpen
					Befaring		
BV 10	Grong	Rapport vedrørende statsstøttet prospekteringsarbeide.		1977	Grong Gruber A/S	Cu Zn kis	Åpen
					Geologi Boring		
BV 13	Grong	Rapport vedr. statstøttet prospekteringsarbeide. Finnburfeltet		1977	Grong Gruber A/S	Cu Zn kis	Åpen
					Geofysikk		
BV 1790	Grong	A preliminary report on geological mapping of the Grøndalen area, Grongfeltet 1977		1977	Royal School fo Mines		Åpen
					Geologisk kartlegging		

Rapportarkivet

Bergvesenet, Norway

BV rapp	Kommune	Tittel	Ekstern. rapp.	År	Bedrift Fagområde	Emne	Gradering
BV 180	Grong	Undersøkelserapport Godejord (Sanddøla-området)	Grong Gruber A/S	1978	Grong Gruber A/S	Kis	Åpen
					Geologi Geofysikk		
BV 3662	Røyrvik Namsskogan Grong Lierne	Objektoversikter Grong pr. 1978		1978	Grong Gruber A/S		Åpen
BV 3663	Røyrvik Namsskogan Grong Lierne	Objektoversikter Grong pr. 1978		1978	Grong Gruver A/S		Åpen
BV 18	Grong	Rapport vedr. statstøttet prospekteringsarbeide. Prosjekt 5/78. Skiftesmyr	5/78	1979	Grong Gruber A/S	kis	Åpen
					Boring		
3V 19	Grong	Rapport vedr. statstøttet prospekteringsarbeide. Prosjekt 6/78. Finnbur	6/78	1979	Grong Gruber A/S	Cu Zn kis	Åpen
					Boring		
BV 20	Grong	Rapport vedr. statstøttet prospekteringsarbeide. Prosjekt 7/78. Godejord	7/78	1979	Grong Gruber A/S	Cu Zn Ag Au	Åpen
					Boring Geofysikk		
BV 3548	Grong	Rapport vedr. statsstøttet prospektering 1981 Fremstfjellet		1981	Grong Gruber A/S		Åpen
					Prospektering		
BV 2888	Grong	Evaluation of prospecting work and ore potentials in Skorovas.		1982	ELKEM		Åpen
					Geologi Geokjemi		
BV 3551	Grong	Rapport vedr. prospekteringsstøtte 1985 Finnbur		1985	Grong Gruber A/S		Åpen
					Prospektering		
BV 2880	Grong	Foreløpig rapport. Avviksmåling Skiftesmyr og Godesjord.	DEVICO 143	1991	DEVICO		Åpen
					Boring		
BV 1383	Grong	Rapport vedrørende malmletingssarbeide 1991. Skiftesmyr. Prospekteringsfondet 1991		1992	Norprosp a.s.	Cu Zn	Åpen
					Boring Geofysikk		
BV 2881	Grong	Avviksmåling Skiftesmyr.	DEVICO 143	1992	DEVICO		Åpen
					Boring		
BV 2882	Grong	Malmberegning av Skiftesmyr og Godejord		1992	Outokumpu mining NORSULFID	Cu Zn	Åpen
					Malmberegning		
BV 2883	Grong	Underjordisk drift i Skiftesmyr		1992	Outokumpu mining NORSULFID		Åpen
					Gruveteknisk		

Rapportarkivet Bergvesenet, Norway

BV rapp	Kommune	Tittel	Ekstern. rapp.	År	Bedrift Fagområde	Emne	Gradering
BV 2885	Grong	Skiftesmyr dagbrudd vurderinger.		1992			Åpen
					Gruveteknisk Malmberegninger		
BV 2889	Grong	Finnbur geokjemi. Sandøla prosjektet.		1992	Norprosp A.S	Zn Cu	Åpen
					Geokjemi		
BV 3977	Grong	Skiftesmyr 1992 Berggrunnsgeologiske undersøkelser i det sørvestlige Grongfeletet (NGU rapp 92.311). Geophysical measurements and loggings (Soumen Malm OY.		1993	Norsulfid a.s. NGU, Soumen	Cu Zn Pb Au Ag	Åpen
					Geologi Geofysikk Boring Malmberegning		
BV 3997	Grong	Finnbur 1 og 2 Sammmensatt av årsrapporter prospektering 1974-75, 1978, 1986		1994	Norsulfid AS Grong Gruber	Cu Zn Ag	Åpen
					Geofysikk kjerneboring		
BV 4000	Grong	Fremstfjell 1-12 (Trondhjemittområdet) Fremstfjell 17-19. Årsrapporter 1979 - 85		1994	Norsulfid A/S, avd Grong Gruber	Mo Cu	Åpen
					Geologi geokjemi geofysikk kjerneboring		

Rapportarkivet

Bergvesenet, Norway

NR. 010
15 St

BV rapp	Kommune	Tittel	Ekstern. rapp.	År	Bedrift Fagområde	Emne	Gradering
BV 2990	Grong ✓	Geologisk horrapportskjema		1974	Grong Gruber A/S		Åpen
BV 8	Grong ✓	Grongfeltprospekteringen. Årsrapport for 1974		1975	Grong Gruber A/S	Cu Zn	Åpen
BV 10	Grong ✓	Rapport vedrørende statsstøttet prospekteringsarbeide		1977	Grong Gruber A/S	Cu Zn kis	Åpen
BV 18	Grong ✓	Rapport vedr. statstøttet prospekteringsarbeide. Prosjekt: 5/78. Skiftesmyr	5/78	1979	Grong Gruber A/S	Kis	Åpen
BV 3544	Røyrvik	Rapport vedr. statstøttet prospekteringsarbeid 1979 Vislatten og Skiftesmyr		1980	Grong Gruber A/S		Åpen
BV 3546	Røyrvik	Grong Gruber - Prospektering 1979 - hovedresultat.		1980	Grong Gruber A/S		Åpen
BV 3542	Røyrvik	Rapport vedr. statstøttet prospektering 1980 Lille Tromselv, Godejord / Skiftesmyr		1981	Grong Gruber A/S		Åpen
BV 2880	Grong ✓	Føreløpig rapport. Avviksmåling Skiftesmyr og Godejord.	DEVICO 143	1991	DEVICO		Åpen
BV 1383	Grong ✓	Rapport vedrørende malmletingsarbeide 1991. Skiftesmyr. Prospekteringsfondet 1991		1992	Norprosp a.s.	Cu Zn	Åpen
BV 2881	Grong ✓	Avviksmåling Skiftesmyr.	DEVICO 143	1992	DEVICO		Åpen
BV 2882	Grong ✓	Malmberedning av Skiftesmyr og Godejord		1992	Ottokumpu mining NORSULFID	Cu Zn	Åpen
BV 2883	Grong ✓	Underjordet drift i Skiftesmyr		1992	Ottokumpu mining NORSULFID		Åpen
BV 2885	Grong ✓	Skiftesmyr daghudd vurderinger.		1992			Åpen
BV 4257	Dovre Melidal Røyrvik Grong	Mikroskopierte av prøver av malm og sidebergart fra 6 norske gruver.	NGU 92.329	1992	NBU Bergvesenet		Fortrolig

Rapportarkivet

Bergvesenet, Norway

Godejord.

BV rapp	Kommune	Tittel	Ekstern. rapp.	År	Bedrift Fagområde	Emne	Gradering
BV 1957	Grong ✓	Grongprosjektet - Foreløpig rapport over geologisk feltarbeide i Sanddøla-området 15. mai - 15. september 1972.		1974	NGU	Kis	
BV 8	Grong ✓	Grongfeltprospekteringen. Årsrapport for 1974		1975	Grong Gruber A/S	Cu Zn	Fortrolig
BV 180	Grong ✓	Undersøkelsesrapport Godejord (Sanddøla-området)	Grong Gruber A/S	1978	Grong Gruber A/S	Kis	
BV 20	Grong ✓	Rapport vedr. statstøttet prospekteringsarbeide. Prosjekt 7/78, Godejord	7/78	1979	Grong Gruber A/S	Cu Zn Ag Au	Fortrolig
/ 3542	Røyrvik	Rapport vedr. statstøttet prospektering 1980 Lille Tromselv, Godejord / Skiftesmyr		1981	Grong Gruber A/S		
BV 2884		Godejord forekomst underjordisk drift.		1992	Outokumpu mining NORSULFID		
BV 2887		In situ ore reserve estimation.		1992		Cu Zn Pb Au Ag	
BV 2886		Godejorde dagbrudd vurderinger.		1992	Malmberegning Geokjemi		
BV 2882		Malmberegning av Skiftesmyr og Godejord		1992	Outokumpu mining NORSULFID	Cu Zn	
BV 3551	Grong	Rapport vedr. prospekteringsstøtte 1985 Finnbur		1985	Grong Gruber A/S		Åpen

APPENDIX 3

Project Code: 80		Project Name: SKIFTESMYK <u>GROG</u>		Geologiske Høyskoleen Hovfaret 8 0275 Oslo, Norway		Assay Suggestion				Stream-Sediment Sample Data Sheet			
Date: 13.07.96		Submitted By: Ug.				1: _____ 2: _____ 3: _____				No of Samples on the Sheet: [] No of Samples for Assay: [27] Batch No.: _____			
Sample Type: SOIL		Supervisor:											

Sheet No.	Sample No.				Bedrock	UTM		Map Sheet	Sampler	Month / Day	Stream Width	Cond. Fl. St. Ppt.	Assay Sugg.	Comments			
	Year	Serial	No.	Sr.		East	North										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
				9606	727		-5000		4700+	6		81	--				BL HUMUS IN BOG BEHEATH TALUS
					728				4925+	2		15	--				PEAT FROM BOG
					729				4950+	1		31	6				MIX OF SOME A AND O, A IS DARK GR AND I CUI
					730					36		38	--				REDISH BR., SANDY SILT, ROCK FRAGMENTS, B
					731				4975+	1		21	--				DARK BR., HUMUS, O
					732					1		6	11				LIGHT GR., FINE SAND, A
					733					17		36	--				REDISH BR., SANDY SILT, B
					734				5000+	33		40	5				DARK BR., ROOTS, O
					735					47		41	8				REDISH BR., SANDY SILT, SOME ROCK FRAG., B
					736				5075+	10		29	38				DARK BR., HUMUS, O
					737					1		1	--				GR, SANDY SILT, ROCK FRAG AND ROOTS, A
					738					13		6	5				BR, -- " --, -- " --, B
					739				5050+	3		32	--				PEAT FROM BOG
					740				5075+	26		31	--				REDISH BR., SANDY SILT, B
					741					3		1	10				GR, FINE SAND, A
					742					1		32	--				DARK BROWN, HUMUS, O
					743				5100+	13		60	--				LIGHT GR., SILT, ROCK FRAGMENTS, B
					744					1		35	--				BL, SANDY SILT, A? BETWEEN B AND A
					745					--		2	--				GR, FINE SAND, A
					746					6		37	35				DARK BR., HUMUS, O
					747				5125+	3		40	7				PEAT FROM BOG
					748				5150+	1		67	9				REDISH BR., SILT, B
					749					1		1	--				LIGHT GR., FINE SAND, A
					750					5		15	6				DARK BR., HUMUS, O
					751				5175+	3		23	49				PEAT FROM BOG
					752				5200	11		32	--				REDISH BR., SANDY SILT, ROCK FRAGMENTS, B
					753					2		17	--				GR, FINE SAND, A

Project No: <div style="font-size: 2em; font-weight: bold;">80</div>						Project Name: SKIFTESMYK (GIRONG) Date: 120796						Geologiske Jenester AS Hovfaret 8 0275 Oslo, Norway						Assay Suggestion 1: _____ 2: _____ 3: _____						Stream-Sediment Sample Data Sheet No of Samples on the Sheet: <div style="border: 1px solid black; width: 40px; height: 20px;"></div> No of Samples for Assay: <div style="border: 1px solid black; padding: 2px 10px;">18</div> Batch No.: _____					
Sample Type: SOIL						Submitted By: U.F.						Supervisor:																	

Sheet No.				Sample No.				Bedrock										UTM		<div style="text-align: center;">Map Sheet</div>		<div style="text-align: center;">Sam pler</div>		<div style="text-align: center;">Month Day</div>		<div style="text-align: center;">Stream Width</div>		<div style="text-align: center;">Cond. Fl. St. Pot.</div>		<div style="text-align: center;">Assay Sugg.</div>		Comments		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	East	North	Map	Sheet	Sam	pler	Month	Day	Stream	Width	Cond.	Fl. St. Pot.	Assay	Sugg.			
				9606	784							-5000						5475*						8										OFFWHITE, SANDY SILT, QUARTZ-FRAG., A 1cm
					785																			38		16						DARK BR., O 7cm		
					786													5500		*571		*547		63								REDISH BR., SANDY SILT, BOTTOMSAMPLE, B 10cm		
					787															*142		*146		21								DARK BR., " " , TOPSAMPLE, B 5cm		
					788															*84				80		17						GR-BR-WHITE, SANDY SILT A 1cm		
					789															66		106		41								DARK BR., O 7cm		
					790													5525*		7				82		6						REDISH BR., (SANDY) SILT, B 10cm		
					791																			6		10						OFFWHITE, FINE SAND, SOME ROOTS A 7cm		
					792															13				47		17						DARK BR., O 10cm		
					793													5550		33				56								BR-SILT, B 40cm		
					794															2				7		41						BR-GR, SANDY SILT, BADLY DEVELOPED A 3, 5cm		
					795															1				16		9						DARK BR., O 12cm		
					796													5575*		2				5								DARK GR, SANDY SILT, BOTTOMSAMPLE A 35cm		
					797																			1								LIGHT GR, FINE SAND, ROCK FRAG., TOPSAMPLE, A 5cm		
					798															5				60		5						DARK BR., O 15cm		
					799													5600		56		*160										REDISH-BR., SANDY SILT, BOTTOMSAMPLE, B 15cm		
					800															1				4								GR, FINE SAND A 7cm		
				9605	662															9				70								DARK BR., O 7cm		

Project No:

80

Project Name: SKIFTSMYR

Date: 180796

Geologiske
Jenstet
Hovfaret 8
0275 Oslo, Norway

Assay Suggestion

1: _____

2: _____

3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

30

Batch No. _____

Sample Type:

SOIL

Submitted By: U7

Supervisor: _____

Sheet No.	Sample No.	Sc	Bedrock	UTM	Map	Sam	Month	Stream	Cond	Assay	Comments																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	East	North	Sheet	pler	Day	Width	Fl. St.	St. No.	Sugg		
	9606754																	-5000	5220*	29		18	9				REDISH BR., SANDY SILT, NO A, B, 20cm.	
	755																			15		19	-				DARK BR., BOGIEDGE 0 3cm.	
	756																		5250*	51		36	6				REDISH BR., SANDY SILT, ROCK FRAG AND ROOTS, B, 10cm.	
	757																			2		15	-				GR., FINESAND, ROCK FRAG, A 3cm.	
	758																			9		40	-				DARK BR., BOGIEDGE 0 7cm.	
	759																		5275*	66		67	-				REDISH BR., SANDY SILT, ROCK FRAG AND ROOTS, B, 12cm.	
	760																			3		18	-				GR., FINESAND A 2cm.	
	761																			6		25	-				DARK BR., 0 5cm.	
	762																		5300*	79		61	-				REDISH BR., SANDY SILT, B 20cm.	
	763																			9		18	-				GR., FINESAND, A 5cm.	
	764																			6		40	-				DARK BR., 0 7cm.	
	765																		5325*	11		50	-				REDISH BR., SILT, B 15cm.	
	766																			-		10	-				GR., FINESAND, A 7cm.	
	767																			4		24	10	-				DARK BR., BOGIEDGE, 0 7cm.
	768																		5345*	36		26	-				REDISH BR., SANDY SILT, SOME ROCK FRAG, B 10cm.	
	769																			2		2	-				(LIGHT) GR., FINESAND, A 5cm.	
	770																			9		14	-				BR., SANDY SILT, LIES OVER 769, A 2 10cm.	
	771																			12		17	-				DARK BR., BOGIEDGE 0 5cm.	
	772																		5375*	4		10	306	-				PEAT FROM 130G, 50cm FROM SURFACE
	773																		-4995	5410*	1030	195	199	-				REDISH BR. WITH SOME GR. FRAG, SAND, C? 15cm.
	774																			21		552	216	-				VERY REDISH BR., (SANDY) SILT, NO A, B 10cm.
	775																			302		185	202	-				DARK BR., 0 7cm.
	776																		-5000	5425*	92	124	9	-				VERY REDISH BR., (SANDY) SILT, BOTTOMSAMPLE, B 15cm.
	777																			41		81	10	-				BR., SANDY SILT, TOPSAMPLE, ROOTS, NO A, B 7cm.
	778																			124		31	2	-				BR., 0 15cm.
	779																		5450	720		128	17	-				DARK BR., SILT, BOTTOMSAMPLE UNDER B. >15cm.
	780																			135		183	11	-				REDISH BR., SANDY SILT, ROOTS B 15cm.
	781																			45		110	-				DARK BR. 0 7cm.	
	782																		5475*	7		81	5	-				REDISH DARK BR., SANDY SILT, BOTTOMSAMPLE, B 4cm.
	783																			5		51	9	-				

Project Code:

80

Project Name: SKIFTESMYR

(GROWING)

Date: 18.07.96

Sample Type:

SOIL

Submitted By: JB

Supervisor:

Geologiske
Jensen &
Hovfaret 8
0275 Oslo, Norway

Assay Suggestion

1: _____

2: _____

3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

Batch No. _____

16

Sheet No.				Sample No.							Bedrock							UTM		Map Sheet	Sam- pler	Month Day	Stream Width	Cond Fl	St	Po	Assay Sugg.	Comments
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	East	North									
				9	6	0	5	6	4	6								-5000	5775*	41	✓	27	-					GREYISH BR., ONLY SILT, DARK SOIL 20 cm
																			5750	40	✓	62	-					BR., SANDY SILT, B (C) 25 cm
																			1	6		51	-					DARK BR., O 5 cm
																			5720*	32		19	-					GREYISH FT., SANDY SILT, B, REDDISH SOIL 5 cm
																			1	39		51	-					DARK GR., FINE SAND, A
																			1	9		37	-					RED/DARK BR., O
																			5700	29		31	-					GREYISH BR., SANDY SILT, B, REDDISH SOIL 3 cm
																			1	3		23	-					LARK GR., SANDY SILT, A
																			5675*	5		27	5					GR/BR., SANDY SILT, MIX BETWEEN A AND B. 15 cm
																			1	12		37	5					DARK BR., O 4 cm
																			5650*	15		31	6					REDISH BR., SANDY SILT, B 5 cm
																			1	-		13	-					GR., FINE SAND, A
																			1	1		25	-					DARK BR., O
																			5625*	6		9	-					GREYISH BR., SANDY SILT, B, ROCK FRAGMENTS 25 cm
																			1	2		1	5					BROWNISH GR., FINE SAND, A 10 cm
																			1	28		35	10	-				DARK BR., O

Project No:

80

Project Name: SKIFTESMYR

(G. R. N. A.)

Date: 18.07.96

Sample Type:

SOIL

Submitted By: JB

Supervisor:

Geologiske
Jenssen
Hovfaret 8
0275 Oslo, Norway

Assay Suggestion

1: _____
2: _____
3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

25

Batch No. _____

Sheet No.	Sample No.										Bedrock	UTM		Map Sheet	Sampler	Month	Day	Stream Width	Cond.	Fl. St. No.	Assay Sugg.	Comments
	1	2	3	4	5	6	7	8	9	10		East	North									
7	6	0	5	6	2	1						-5005	5990	17		50	-					REDISH BR, SANDY SILT, B, ROCK FRAGMENTS
				6	2	2										-	-					GR, SANDY SILT, A
				6	2	3								4		21	-					DRY BR, O
				6	2	4						-5000	5920*	2		2	7					LIGHT BR, SILT, B, REDISH SILT
				6	2	5										-	6					LIGHT GR, SANDY SILT, A
				6	2	6								6		21	19					DRY BR, O
				6	2	7							5950*	6		11	-					REDISH BR, SILT, B
				6	2	8								2		7	5					GR, SILT, A
				6	2	9								6		27	-					DARK BR, O
				6	3	0							5925*	4		18	-					REDISH BR, SILT, B
				6	3	1								8		21	-					GR SILT, A
				6	3	2								6		67	-					DARK BR, O
				6	3	3							5900	-		1	-					GR, SANDY SILT, A
				6	3	4								1		12	-					BR, O
				6	3	5							5875*	22		13	-					BR, SANDY SILT, B
				6	3	6								-		22	-					DARK GR, SILT, A
				6	3	7								3		61	6					DARK BR, O
				6	3	8							5850*	14		37	-					BR, SANDY SILT, B, ROCK FRAGMENTS
				6	3	9								1		17	26					LIGHT GR, SANDY SILT, A, ROCK FRAGMENTS
				6	4	0								11		62	-					DARK BR, O
				6	4	1							5825*	2		1	-					LIGHT BROWNISH GR, SANDY SILT, A/B
				6	4	2								8		31	-					LIGHT BR, O
				6	4	3							5800	7		3	-					GR, SILT, B, ROCK FRAGMENTS
				6	4	4										6	-					LIGHT GR, SANDY SILT, A
				6	4	5								5		16	-					DARK BR, O

Project No: 80

Sample Type: SOIL

Project Name: SKIFTESMYR (KONG)

Date: 19.07.96

Submitted By: JB

Supervisor:

Geologiske Jensen & Hovind

0275 Oslo, Norway

Assay Suggestion

1: _____

2: _____

3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet: _____

No of Samples for Assay: 24

Batch No: _____

Sheet No: 1

Sample No. (Serial): 5

Reg: 6

Sc: 7

Bedrock: 8

UTM East: 4800

UTM North: 4895*

Map Sheet: 123

Sampler: 80

Month: 10

Day: 10

Stream Cond. Width: 10

Fl. St. P: -

Assay Sugg: -

Comments: BR, SANDY SILT, B, - A

6

6

4

4895*

30

10

-

-

BR, SANDY SILT, B, RESIDUAL SOIL, ROCK FRAGMENTS

6

6

5

4950*

16

15

10

-

REDISH BR, SILT, B, - A, ROCK FRAGMENTS

6

6

6

4975*

3

9

-

-

BR, SANDY SILT, B

6

6

7

5000*

31

36

-

-

REDISH BR, SANDY SILT, B

6

6

8

5025*

12

17

-

-

REDISH BR, SILT, B

6

6

9

5050*

13

11

-

-

BR, SANDY SILT, B, - A, ROCK FRAGMENTS

6

7

0

5075*

18

37

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

7

1

5100*

25

51

-

-

REDISH BR, SANDY SILT, B

6

7

2

5125*

22

33

-

-

ROCK FRAGMENTS

6

7

3

5150*

15

93

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

7

4

5175*

27

149

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

7

5

5200

28

21

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

7

6

5225*

65

10

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

7

7

5250

65

184

25

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

7

8

5275*

4

15

6

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

7

9

5300*

19

114

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

8

0

5325*

30

53

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

8

1

5350*

8

61

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

8

2

5375*

-

-

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

8

3

5400*

-

-

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

8

4

5425*

2

10

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

8

5

5450

19

16

20

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

8

6

5475*

141

134

17

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

8

7

5500

36

160

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

6

8

8

5525*

15

23

5

-

-

BR, SANDY SILT, B, ROCK FRAGMENTS

Project No: <div style="font-size: 2em; font-weight: bold;">80</div>		Project Name: SKI FJESH/VK (GKONG) Date: 190796		Geologiske Fenester Hovfaret B 0275 Oslo, Norway		Assay Suggestion 1: _____ 2: _____ 3: _____		Stream-Sediment Sample Data Sheet No of Samples on the Sheet: <div style="border: 1px solid black; width: 40px; height: 20px;"></div> No of Samples for Assay: <div style="border: 1px solid black; width: 40px; height: 20px; text-align: center;">19</div> Batch No.: _____	
Sample Type <div style="font-size: 1.5em; font-weight: bold;">SOIL</div>		Submitted By: LG.							

Sheet No.	Sample No.										Bedrock	UTM		Map Sheet	Sampler	Month Day	Stream Cond.		Assay Sugg.	Comments
	1	2	3	4	5	6	7	8	9	10		East	North				Width	Fl. St. Pos.		
960	5	8	0	1							-4800	5995	48		48	-			BR, SANDY SILT, BOGEIDGE B	
												5975*	21		13	5			REDISH BR., SANDY SILT, SOME ROCK FRAGMENTS B	
												5950	14		16	8			BR., SANDY SILT (A WAS BADLY DEVELOPED AND DARKEN) B	
											-4805	5930*	30		61	9			BR., " " B	
											-4800	5900	55		28	-			" " UNDER 15 cm TOPSOIL B	
											-4795	5875*	19		16	10			" " BOGEIDGE B	
											-4800	5850	8		13	5			(REDISH)-BR., SANDY SILT, BOTTOMSAMPLE, B	
												5825*	12		167	-			DARK BR., " " B	
												5800	53		227	-			REDISH BR., SILT, NO A B	
												5775*	43		66	-			(DARK) BR., SILT, ROCK FRAGMENTS, BOTTOMSAMPLE B	
												5750	11		27	-			REDISH BR., SILT, BOTTOMSAMPLE B	
												5725*	32		31	-			DARK BR., SILT, B	
												5700	31		41	-			" " SANDY SILT, NO A, BOX AREA B	
												5675*	11		55	7			BR., SANDY SILT, ROCK FRAG. AND ROOTS, B	
												5650	-		5	-			GR., FINESAND, SOME ROCK FRAG., NO B, A	
												5625*	2		39	-			REDISH BR., SANDY SILT E	
												5590	11		101	-			BR., " " BOGEIDGE B	
												5575*	-		57	11			LIGHT BR., FINESAND, ROCK FRAGMENTS B	
												5550	3		25	16			" " UNDER 40 cm A B?	

Project Code:		Project Name:				Assay Suggestion		Stream-Sediment Sample Data Sheet					
80		SKI-TEMYR GROKING		Geologiske Hensler & Hovfaret B 0275 Oslo, Norway		1: 2: 3:		No of Samples on the Sheet					
Sample Type: SOIL		Submitted By: JB&U						No of Samples for Assay	29				
Supervisor:								Batch No.					
Sheet No. 1 2 3 4	Year 5 6 7 8 9 10	Serial Reg	Sr	Bedrock	UTM East	North	Map Sheet	Sam pler	Month Day	Stream Width	Cond. Fl. St. Pw	Assay Sugg.	Comments
9605820					-5200	5600	2		53	15			GR. FINE SAND A FOR FRAGMENTS
		821				5575*	4		16	-			BR. SANDY SILT, B
		822				5550	5		15	9			REDISH BR., SILT, B
		823				5525*	14		33	-			BR., SILT, B
		824				5500*	17		39	18			BR. SANDY SILT, B
		825				5475*	57		81	5			REDISH BR., SANDY SILT, B
		826				5450	13		16	5			PR. SANDY SILT, B
		827				5425*	6		21	-			BR. SANDY SILT, B PERMANENT SOIL
		828			-5205	5400*	6		32	-			GREENISH BR., SANDY SILT, B ROCK FRAGMENTS
		829			-5200	5375*	48		16	17			DARK BR., SANDY SILT, B
		830				5350	86		18	73	v		REDISH BR., SANDY SILT, B
		831				5325*	1		8	5			DARK BR., SANDY SILT, B ROCK FRAGMENTS
		832				5300	31		17	-			LIGHT BR., SANDY SILT, B
		833				5275*	3		52	15			REDISH BR., SANDY SILT, B
		834				5250	39		29	-			GREYISH BR., SANDY SILT, B
		835				5225*	15		17	-			REDISH BR., MOSTLY SILT, B
		836				5200	85		198	-			BR., SANDY SILT, B, PERMANENT SOIL, ROCK FRAGMENTS
		837				5170*	9		31	6			BR., SANDY SILT, B
		838				5150*	33		31	8			REDISH PR., SILT, F. FAULT
		839				5125*	21		20	6			BR., SILT, B, ROCK FRAGMENTS
		840				5100*	31		31	8			BR., SANDY SILT, B
9605896						5075*	14		20	-			REDISH BR., SANDY SILT, ROCK FRAGMENTS, B
		695				5050*	13		16	-			" " " " " " " " " " " "
		694				5025*	7		8	-			" " " " " " " " " " " "
		693				5000*	17		25	-			" " " " " " " " " " " "
		692				4975*	7		9	-			(LIGHT) BR., SANDY SILT, VERY MUCH ROCK FRAGMENTS, NOA, B
		691				4950*	15		11	-			VERY REDISH BR., CLAY
		690				4925*	4		21	6			IF AT - FROM ROCK, 50 CM UNDER SURFACE
		689				4900	12		18	-			REDISH BR., SANDY SILT, SOME ROCK FLASH

Project No: <div style="font-size: 2em; font-weight: bold;">80</div>		Project Name: SKIFTESMYR (KROG) 220796		Geologiske Henseter AS Hovfaret 8 0275 Oslo, Norway		Assay Suggestion 1: _____ 2: _____ 3: _____		Stream-Sediment Sample Data Sheet No of Samples on the Sheet: <div style="border: 1px solid black; width: 40px; height: 20px;"></div> No of Samples for Assay: <div style="border: 1px solid black; width: 40px; height: 20px; text-align: center;">13</div> Batch No.: _____	
Sample Type: <div style="font-size: 1.5em; font-weight: bold;">SOIL</div>		Submitted By: U26							
Supervisor:									

Sheet No.	Sample No.										Bedrock	UTM		Map Sheet	Sampler	Month / Day	Stream Cond.			Assay Sugg.	Comments
	Year	Serial	Rep	11	12	13	14	15	16	17		18	East				North	Width	Fl.		
	9	6	9	5	2	2	1					-5000	5800								LOOK F.B. SHEET FROM 180796
												-4975*		32		25	-				BR, SANDY SILT, ROCK FRAGMENTS B?
												-4950		7		29	-				DARK GR. SILT, ———— A
												-4925*		10		27	-				REDISH BR, SILT B
												-4900*		32		22	-				DARK BR, SANDY SILT B
												-4875*		91		122	-				BR, SANDY SILT B
												-4850		33		31	-				DARK BR, SILT B
												-4825*		16		36	*21 ✓				DARK REDISH BR, SANDY SILT B
												-4800									LOOK U.F. SHEET FROM 190796
												-4775*		31		7	-				BR, SANDY SILT, NO A B
												-4750		12		26	-				REDISH BR, SANDY SILT B
												-4725*		—		1	-				GR. FINE SAND, NO B A
												-4700		7		21	12 -				BR-GR, SANDY SILT, ONLY 1 cm. B IN THE BOTTOM (A) B
												-4675*		128		21	12 -				DARK BR. PEAT SDW. BELOW SURFACE, BOG
												-4650*		9		13	16 -				GR. FINE SAND, BOG AREA A
												-4625*		27		31	-				BR, SANDY SILT B
												-4600*		20		12	14 -				GR-PR, SANDY SILT A or B ?
												-4575*		8		17	-				GR AND DARK GR. SANDY SILT A/B
												-4550*		29		116	-				REDISH BR, SANDY SILT, MUCH ROCK FRAGMENTS B
												-4525*		44		17	-				BR, SANDY SILT B

Project Code:

80

Project Name: SKIFTENMYR

(ARONG)

Date:

22.07.96

Sample Type:

SOIL

Submitted By:

J.B. & U.

Supervisor:

Geologiske
Institutt
Hovfaret 8
0275 Oslo, Norway

Assay Suggestion

1: _____

2: _____

3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

Batch No. _____

15

Sheet No.	Sample No.	Sc	Bedrock	UTM	Map	Sam.	Month	Stream	Cond.	Assay	Comments
Year	Serial			East	North	Sheet	Day	Width	Fl. St. W.	Sugg.	
96	05201			-4800	6000						THIS LOCATION IS ALREADY SAMPLED.
	202			-4775*	7	32	19	-			REDISH BR, SANDY SILT, B, BOGEDE, ROCK FRAGMENTS
	203			-4750							NO SAMPLE BOG
	204			-4725*	6010	32	33	-			REDISH BR, SANDY SILT, B
	205			-4700*	6015	5	14	-			BROWNISH GR, SANDY SILT, B, ROCK FRAGMENTS
	206			-4675*	6000						NO SAMPLE BECAUSE OF A BIG BOG?
	207			-4650*							
	208			-4625*							
	209			-4600*							
	210			-4575*							
	211			-4550*							
	212			-4525*							
	213			-4500*							
	214			-4475*							
	215			-4445*	6005	11	31	-			BR, SANDY SILT, B, RESIDUAL SOIL
	216			-4425*	6000	12	33	-			
	217			-4400*		6	36	-			BR, SANDY SILT, B
	218			-4375*		12	31	-			GREYISH BR, SANDY SILT, B, BAF
	219			-4350*		93	39	-			BR, SANDY SILT, B, ROCK FRAGMENTS
	220			-4325*			10	-			BROWNISH GR, SANDY SILT, B,
	844			-4300*		1	33	-			REDISH BR, SILT, B, ROCK FRAGMENTS
	843			-4275*		15	40	-			REDISH BR, SANDY SILT
	842			-4250*							NO SAMPLE, BOG
	843			-4225*			27	9			GR, SILT, MUCH ROCK FRAGMENTS, NO B, BOGEDE A
	843			-4200*		21	66	28			REDISH BR, SANDY SILT, ROCK FRAGMENTS
	69700			-4175*		7	23	-			- " - SILT, " -
	699			-4150*							NO SAMPLE, TALLUS
	698			-4125*		19	11	-			DARK BR, /BLACK, SILT, SOMETHING UNDER A
	697			-4100*		2	6	-			

Project No:

80

Project Name: SKITESHVIK

Date:

(KONGS)
230796

Sample Type:

SOIL

Submitted By:

LUF

Supervisor:

Geologiske
Jensler
Hovfaret 8
0275 Oslo, Norway

Assay Suggestion

1: _____
2: _____
3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

Batch No.

17

Sheet No.				Sample No.							Sc	Bedrock	UTM		Map Sheet	Sampler	Month Day	Stream Cond.			Assay Sugg.	Comments	Batch No.	
1	2	3	4	5	6	7	8	9	10	11			12	13				14	15	16				17
<div>91605239</div> <div>240</div> <div>241</div> <div>242</div> <div>243</div> <div>244</div> <div>245</div> <div>246</div> <div>247</div> <div>248</div> <div>249</div> <div>250</div> <div>91605345</div> <div>846</div> <div>847</div> <div>848</div> <div>849</div>																								
<div>-4500</div> <div>-4475</div> <div>-4450</div> <div>-4425</div> <div>-4400</div> <div>-4375</div> <div>-4350</div> <div>-4325</div> <div>-4300</div> <div>-4275</div> <div>-4250</div> <div>-4225</div> <div>-4200</div> <div>-4175</div> <div>-4150</div> <div>-4125</div> <div>-4100</div>																								
<div>5800</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>																								
<div>54</div> <div>208</div> <div>41</div> <div>30</div> <div>10</div> <div>11</div> <div>2</div> <div>7</div> <div></div> <div>21</div> <div>4</div> <div>3</div> <div>9</div> <div>10</div> <div></div> <div>18</div> <div>21</div>																								
<div>112</div> <div>1532</div> <div>80</div> <div>18</div> <div>28</div> <div>29</div> <div>41</div> <div>16</div> <div>24</div> <div>44</div> <div>39</div> <div>14</div> <div>63</div> <div>123</div> <div>9</div> <div>76</div> <div>8</div>																								
<div>-</div> <div>-</div> <div>-</div> <div>-</div> <div>8</div> <div>-</div> <div>-</div> <div>-</div> <div>16</div> <div>-</div> <div>-</div> <div>6</div> <div>-</div> <div>-</div> <div>-</div> <div>-</div> <div>9</div>																								
<div>BR-GR, SANDY SILT, ROCK FRAGMENTS, STEEP SLOPE</div> <div>BR, FINE SAND, ROCK FRAGMENTS</div> <div>REDISH BR, SANDY SILT,</div> <div>GR-BR, FINE SAND, ROCK FRAGMENTS</div> <div>REDISH BR, SANDY SILT, SOME ROCK FRAGMENTS</div> <div>BR, SANDY SILT, ROCK FRAGMENTS</div> <div>REDISH BR, SANDY SILT,</div> <div>" "</div> <div>" "</div> <div>" "</div> <div>ROCK FRAGMENTS, BOGEDEGE,</div> <div>BR, SANDY SILT, SOME</div> <div>GR, FINE SAND,</div> <div>BR, SANDY SILT</div> <div>DARK REDISH BR, SANDY SILT, SHALLOW OVERGROWN</div> <div>LIGHT BR-GR, FINE SAND, SOME ROCK FRAGMENTS</div> <div>REDISH BR, SANDY SILT, MUCH ROCK FRAGMENTS</div> <div>BR-GR, SILT, BOTTOM SAMPLE,</div>																								
<div>E</div> <div>B</div> <div>B</div> <div>B?</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>B</div> <div>E</div> <div>A</div> <div>B</div> <div>B</div> <div>A/B</div> <div>B</div> <div>A/B</div>																								

Project Code: 80

Project Name: SKIFTEMYR

Date: 230796

Sample Type: SOIL

Submitted By: Ulf

Supervisor: _____

Geologiske
Fenster AS
Hovfaret 8
0275 Oslo, Norway

Cu Zn Au

Assay Suggestion

1: _____

2: _____

3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

Batch No. _____

Sheet No.				Sample No.							Sc	Bedrock							UTM		Map Sheet	Sampler	Month Day	Stream Cond. width	Fl.	St. Pol	Assay Sugg.	Comments	Batch No.	
1	2	3	4	5	6	7	8	9	10	11		12	13	14	15	16	17	18	East	North										
				9	6	0	8	3	7	2								-4850	5000	13.		37							DARK REDISH BR., SANDY SILT, VERY MUCH ROOTS AND ROCK FRAG.,	
									3	7	3							-4875	7	2		20							DARK BR., SANDY SILT, UNDER 20cm. A,	B
									3	7	4							-4900		137.		399.		6					" " " " NOA	TOPSOIL
									3	7	5							-4925		2		28							REDISH BR., SANDY SILT	B
									3	7	6							-4950		4		47							BR., SANDY SILT, NOA,	B
									3	7	7							-4975		10		22							DARK GR., FINE SAND	A
																		-5000											LOOK SHEET FROM 180796 BY Ulf.	

Project Code: 80		Project Name: SKIFTSMYR (GRONH)		Geologiske Jenseter AS Hovfaret 8 0275 Oslo, Norway		Assay Suggestion		Stream-Sediment Sample Data Sheet	
Sample Type: SOIL		Date: 23.07.96				1: _____		No of Samples on the Sheet	
Submitted By: J. B. L.		Supervisor: _____		2: _____		No of Samples for Assay		27	
3: _____		Batch No. _____		Cu Zn Au					

Sheet No.	Sample No. Year Serial Reg	Sc	Bedrock	UTM East North	Map Sheet	Sam pler	Month Day	Stream Width	Cond. Fl. St. Po	Assay Sugg.	Comments
9603	07245			-4100*	5600	-	2	-			GR, SANDY SILT, A, RESIDUAL SOIL, SHALLOW OVERBURDEN
	07246			-4125*		9	36	17	-		BR, SANDY SILT, B
	03403			-4150*		31	53	8			REDISH BR, SANDY SILT, B, ROCK FRAGMENTS
	0404			-4175*		6	90	5			DARK BR, SANDY SILT, E
	0405			-4200*		11	37	13	-		REDISH BR, SILT, B
	0406			-4225*		30	135	10	-		BR, SANDY SILT, B, ROCK FRAGMENTS
	0407			-4250*		26	45	-			REDISH BR, SANDY SILT, B
	0408			-4275*		2	7	-			GREYISH BR, SANDY SILT, B, ROCK FRAGMENTS
	0409			-4300*		43	65	-			REDISH BR, SILT, B, ROCK FRAGMENTS
	0410			-4325*		52	111	-			REDISH BR, SILT, B
	0411			-4350*		29	36	-			"
	0412			-4375*		4	21	-			BROWNISH GR, FINE SAND, B
	0413			-4400*		5	28	-			DARK GR, SANDY SILT, B, ROCK FRAGMENT
	0414			-4425*	5590	19	34	5			REDISH BR, SILT, B
	0415			-4450*	5600	12	29	5			"
	0416			-4475*		39	69	-			"
	0417			-4500*		6	57	5			LIGHT BR, SANDY SILT, B
	0418			-4525*							NO SAMPLE
9608	361			-4550*		17	134	-			DARK BR, SANDY SILT, 40cm UNDER SURFACE, TOPSOIL
	362			-4575*		39	61	35	-		PEAT FROM BOG, 40cm UNDER SURFACE
	363			-4600*		27	31	-			REDISH BR, SILT, B
	364			-4625*		19	60	-			" , SANDY SILT, SOME ROCK FRAGMENTS, B
	365			-4650*		22	33	6			(VERY) REDISH BR, SANDY SILT, B
	366			-4675*		78	62	-			" , " , MUCH ROOTS, STEEP SLOPE, B
	367			-4700		39	58	5			VERY " , " , SOME " , B
	368			-4725*		21	68	-			REDISH BR, SANDY SILT, SHALLOW OVERBURDEN, B
	369			-4750		6	17	-			REDISH BR, " , SOME ROOTS AND ROCK FRAG, B
	370			-4775*		16	32	5			BR, SANDY SILT, B
				-4800						LOOK AT SHEET FROM 19079634 (12)	

Project Code:

80

Project Name: SKIFTESHYR

(GRONG)

Date: 24.07.96

Sample Type:

SOIL

Submitted By: JB

Supervisor:

Geologiske
Institutt
Hovfaret 8
0275 Oslo, Norway

Cu Zn Au

Assay Suggestion

1: _____
2: _____
3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

Batch No. _____

20

Sheet No.				Sample No.				Sc				Bedrock				UTM		Map	Sam	Month	Stream Cond				Assay	Comments
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Sheet	pler	Day	width	Fl	St	Pos	Sugg.	
				9	6	0	3	4	1	9								-5000								ALREADY SAMPLED
								4	2	0								-4975*		1						GR. FINE SAND, A, ROCK FRAGMENTS
								4	2	1								-4950		3						BR, SANDY SILT, (B) RESIDUAL SOIL
								4	2	2								-4925*		5						REDISH BR., SILT, B
								4	2	3								-4905*								LIGHT BROWNISH GR., FINE SAND, A, RESIDUAL
								4	2	4								-4875*								NO SAMPLE
								4	2	5								-4850		1						LIGHT BROWNISH GR., SANDY SILT, A
								4	2	6								-4825*	12	37						DARK REDISH BR, SILT, B
								4	2	7								-4800*								NO SAMPLE
								4	2	8								-4775*								---
								4	2	9								-4750*	36	29						DARK REDISH BR., SILT, B, ROCK FRAGMENTS
								4	3	0								-4725*	80	45						REDISH BR, SILT, B, ROCK FRAGMENTS
								4	3	1								-4700*	59	112						REDISH BR, SILT, B
								4	3	2								-4685*	61	105						---
								4	3	3								-4650*	21	19						DARK BR, SANDY SILT, B
								4	3	4								-4625*	12	201						BR., SILT, B
								4	3	5								-4600	5	93						BR, SANDY SILT, B, ROCK FRAGMENTS
								4	3	6								-4575*	13	37						REDISH BR, SILT, B
								4	3	7								-4550*	28	50						---
								4	3	8								-4525*	3	21						GREYISH BR., SANDY SILT, B
								4	3	9								-4500*	54	459						REDISH BR, SILT, B
								4	4	0								-4475*	56	67						---
								4	4	1								-4450*	10	50	25					BR, SANDY SILT, ÷ A, B
								4	4	2								-4425*	6	19						REDISH BR, SILT, B
								4	4	2								-4400*	10	60						---

Project Code: 80		Project Name: SKIFTESMYR (SKONT) 24.07.96		Geologiske Jenseter AS Hovfaret 8 0275 Oslo, Norway Lu Zn Au		Assay Suggestion 1: _____ 2: _____ 3: _____		Stream-Sediment Sample Data Sheet No of Samples on the Sheet <input type="text"/> No of Samples for Assay <input type="text"/> Batch No. _____	
Sample type: SOIL		Submitted By: J.B. Supervisor: _____							

Sheet No.	Sample No. (Year Serial No.)	Sc	Bedrock	UTM East North	Map Sheet	Sam- pler	Month Day	Stream Cond. Wt. Fl. St. Ppt	Assay Sugg.	Comments
	9603443			-5000 5200						ALREADY SAMPLED
	444			-4975*	20		39	-		REDISH BR, SANDY SILT, ROCK FRAGMENTS
	445			-4950	16		35	-		" " " " SILT
	446			-4925*	30		35	-		" " " " "
	447			-4905	19		49	-		" " " " " MUCH ROCK FRAGMENTS
	448			-4875*	13		30	-		" " " " " SILT, SOME " " "
	449			-4850	11		73	5		" " " " " SANDY SILT
	450			-4825*	18		37	-		DARK BR, SANDY SILT, MUCH ROCK FRAGMENTS
	450			-4800 5200						LOOK SHEET FROM 190796 134 F.B.
	9603651			-4775*	6		21	-		BR, SANDY SILT
	652			-4750	3		37	-		" " " " "
	653			-4725*	17		40	-		" " " " "
	654			-4700	31		44	-		" " " " " ROCK FRAGMENTS
	655			-4675*	6		27	-		LIGHT REDISH BR, SANDY SILT
	656			-4650*	5		19	-		REDISH BR, SILT
	657			-4625*	15		64	-		" " " " "
	658			-4600*	-		22	-		LIGHT GR-BR, SANDY SILT, MUCH ROCK FRAGMENTS
	659			-4565*	2		18	-		GR-BR, SANDY SILT
	660			-4550*	3		33	-		BR, SILT, S+I ALLUV OVERLAPED
	661			-4525*	3		18	-		BR-GR, SANDY SILT
	662			-4500*	-		1	-		" " " " "
	663			-4475*	39		213	-		REDISH BR, SANDY SILT
	664			-4450*	11		133	-		DARK BR, SILT, MUCH ROCK FRAGMENTS, STEEP SLOPE, TALLS
	665			-4425*	11		24	-		REDISH BR, SANDY SILT, DIFFICULT LOCATION
	666			-4400*	4		72	-		DARK REDISH BR, SILT
	667			-4375*	5		62	-		REDISH BR, SANDY SILT, SOME ROCK FRAGMENTS

Project Code:

80

Project Name: SKIETENK

Date:

(GROND)
240796

Sample Type:

SOIL

Submitted By:

Ud

Supervisor:

Geologiske
Jenester
Hovfaret 8
0275 Oslo, Norway

Assay Suggestion

1: _____

2: _____

3: _____

Stream-Sediment Sample Data Sheet

No. of Samples on the Sheet

No. of Samples for Assay

Batch No. _____

10

Sheet No.	Sample No.										Sc	Bedrock	UTM		Map Sheet	Sampler	Month	Stream Cond.			Assay Sugg.	Comments	
	Year	Serial	Reg	1	2	3	4	5	6	7			East	North				Width	Fl.	St. Pos.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18						
				9	6	0	8	3	7	8													

[illegible]

[illegible]

Project Code: 80		Project Name: SKIFTSHYK (GRONG) 250796		Geologiske Hensler Hovfaret 8 0275 Oslo, Norway Cu Zn Au		Assay Suggestion 1: _____ 2: _____ 3: _____		Stream-Sediment Sample Data Sheet	
Sample Type: SOIL		Submitted By: Ug.				No of Samples on the Sheet 		No of Samples for Assay 26	
Supervisor: _____									

Sheet No.		Sample No.		Bedrock		UTM		Map	Sam	Month	Stream Cond.		Assay	Comments
1	2	Year	Serial	Sc		East	North	Sheet	pler	Day	Width	Fl. St. Pol	Sugg.	
		7	607415			-4100 *	5000							NO SAMPLE, BRG
			416			-4125 *								"
			417			-4150 *		2		7				BR, SANDY SILT, SOME REDISH BR, B
			418			-4175 *		7		17				BR, SILT, UNDER 1 cm A B
			419			-4200 *		59v		59				REDISH BR, SAND, BOTTOM SAMPLE B
			420			-4225 *		17		22				(REDISH) BR, SILTY SAND B
			421			-4250 *		10		20				" B
			422			-4275 *		11		10				" , SANDY SILT B
			423			-4300 *		8		33				BR, " B
			424			-4325 *		7		12				BR, " B
			425			-4350 *		6		20	5			BR, " B
			426			-4375 *		3		71				BR, SANDY SILT, SOME ROCKS AND ROCK FRAGMENTS, LIGHT BR, SILTY SAND B
			427			-4400 *		2		26				REDISH BR, SANDY SILT, SOME ROCK FRAGMENTS, " " B
			428			-4425 *		22		46				" , SILT B
			429			-4450 *		5		11	5			BR, SANDY SILT, SOME ROCK FRAGMENTS, BR, " , STEEP SLOPE, B
			430			-4475 *		12		24				REDISH BR, SANDY SILT, STEEP SLOPE B
			431			-4500 *		21		69	10			BR, " , MUCH ROCK FRAGMENTS, B
			432			-4525 *		46v		77	5			BR, SILTY SAND, SOME " B
			433			-4550 *		14		35				REDISH BR, SANDY SILT B
			434			-4575 *		18		45				" , SILT B
			435			-4600 *		20		46	6			BR, SANDY SILT, SOME ROCKS AND ROCK FRAGM, BOGE, B
			436			-4625 *		14		27	6			BR, " , MUCH ROCK FRAGMENTS, B
			437			-4650 *		16		23				REDISH BR, SANDY SILT B
			438			-4675 *		9		22	5			" B
			439			-4700 *		17		21				BR, SANDY SILT, SOME ROCKS AND ROCK FRAGM, BOGE, B
			440			-4725 *		5		43				BR, " , MUCH ROCK FRAGMENTS, B
			441			-4750 *		7		20				REDISH BR, SANDY SILT B
			442			-4775 *		1		13				" B
						-4800 *								" , SOME ROCK FRAGM. B

Project Code:
80

Sample Type:
SOIL

Project Name: SKIFTESHYR
(GIECXUG)
300796

Date: 300796

Submitted By: UJ.

Supervisor:

Geologiske
Jenseter ..
Hovfaret 8
0275 Oslo, Norway

Cu

Zn

Au

Assay Suggestion

1:

2:

3:

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

Batch No.

Sheet No.				Sample No.							Sc	Bedrock	UTM		Map Sheet	Sam- pler	Month Day	Stream Width	Cond. Fl St Pw	Assay Sugg.	Comments
1	2	3	4	5	6	7	8	9	10	East			North								
				9	6	0	7	1	4	3			5200	5200							LOOK SHEET FROM 170796 BY UJ.
													5025*		2		38				REDISH BR, SANDY SILT, SOME ROOTS AND ROCK FRAGMENTS B
													5050		10		8				— " —, — " —
													5075*		8		6				BR, SANDY SILT, SAMPLED DIRECTLY ON HARD ROCK B
													5100	5195	13		22				BR, — " —, NO A, BOGIESE B
													5125*	5200							NO SAMPLE, 1902.
													5150	5195							GP, FINE SAND, SOME ROCK FRAG., 100 B, PANGOL
													5175*	5200							BR-GR, SANDY SILT, NO B, 200m D, A
													5200	5200							LOOK SHEET FROM 200796 BY F.B

Project Code:

80

Project Name: SKIFLEMYR

(GRONG)

Date: 31.07.96

Sample Type:

SOIL

Submitted By: JB

Supervisor:

Geologiske
Jenester AS
Hovfaret 8
0275 Oslo, Norway

Assay Suggestion

1: _____

2: _____

3: _____

Stream-Sediment Sampling Data Sheet

No. of Samples on the Sheet

No. of Samples for Assay

Batch No. _____

Sheet No.				Sample No.								Sc	Bedrock							UTM		Map Sheet	Sam pler	Month Day	Stream Cond.			Assay Sugg.	Comments
1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	East	North	Width				Fl	St	Pos		
				9	6	0	3	6	8	6								-5200	5800*	8		20	-						REDISH BR, SILT, B
								6	8	7								7	5775*	5		9	-						BR, SANDY SILT, SOME ROCK FRAGMENTS, B
								6	8	8								7	5750	2		10	6						BR, CLAYEY SILT, B
								6	8	9								-5190	5725*	29		14	-						REDISH BR, SILT, BOGE EDGE, B
								6	9	0								-5200	5700	3		-	6						LIGHT BROWNISH GR, SANDY SILT, B/C
								6	9	1								7	5675*	2		14	-						LIGHT BR, SILT, B
								6	9	2									5650	13		26	8						BR, SANDY SILT, B
								6	9	3									5625*	11		48	-						REDISH BR, SILT, B

Project Code:

80

Project Name: XIFESVING
(LAKK)

Date:

31.07.96

Sample Type:

SOIL

Submitted By:

J. B. L.

Supervisor:

Geologiske
Institutt
Hovfaret 8
0275 Oslo, Norway

Cu Zn Au

Assay Suggestion

1: _____

2: _____

3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

25

Batch No. _____

Sheet No.				Sample No.							Bedrock							UTM		Map		Month		Stream Cond			Assay		Comments
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	East	North	Sheet	Scale	Day	Width	Fl	St	Pos	Sugg.		
				9603694														-5400	5800	20		23	-					REDISH BR., SANDY SILT, B	
								695											5775*	107		138	-					"	
								696											5750*	11		27	6					BR., SANDY SILT, B, ROCK FRAGMENTS	
								697											5725*	110		16	12					"	
								698											5700	28		31	14					REDISH BR., SANDY SILT, B, ROCK FRAGMENTS	
								699											5675*	8		34	14					BR., SANDY SILT, B	
								700											5650	8		14	64					REDISH BR., SANDY SILT, B	
				9607581															5625*	11		29	-					REDISH BR., SANDY SILT, B	
								582											5600	-		4	-					DARK REDISH BR., SILT, B	
								583											5575*	22		26	-					"	
								584											5550	10		57	-					BR., SANDY SILT, B	
								585											5525*	30		59	-					REDISH BR., SILT, B	
																												DARK REDISH BR., SILT, B/C, ROCK FRAGMENTS	
				9607292															-5400	5200	50		67	12					BR., SANDY SILT, B, LOT OF ROCK FRAGMENTS, EGG, LICE
								293											5225*	61		53	6					REDISH BR., SANDY SILT, B, LOT OF ROCK FRAGMENTS	
								294											5250*	3		81	8					(REDISH) BR., SANDY SILT, B, ROCK FRAGMENTS AND ROOTS	
								295											5275*	4		22	6					REDISH BR., SILT, B	
								296											5300	42		86	8					BR., SANDY SILT, B, ÷ A, ÷ O	
								297											5325*	4		79	12					REDISH BR., SILT, B	
								298											5350*	38		38	12					BR., SANDY SILT, B, ÷ A, SOME ROCK FRAGMENTS	
								299											5375*	11		5	10					BR., SILT, B, SOME ROCK FRAGMENTS	
								300											5400	21		42	8					BR., SANDY SILT, B	
				9608390															5425*	7		16	10					REDISH BR., SANDY SILT, B	
								391											5450*	42		60	-					BR., SANDY SILT, B, A LOT OF ROCK FRAGMENTS	
								392											5475*	18		32	-					BR., SANDY SILT, B, " "	
								393											5005	5		23	-					GR., FINE SAND, A, ÷ B, EGG, LICE, SOME ROCK FRAGMENTS	

Project Code:
80

Sample Type:
SOIL

Project Name:
KILFELVÅG
(KILFELVÅG)

Date:
01.08.96

Submitted By:
JOSUF

Supervisor:

Geologiske
Jenseter AS
Hovfaret 8
0275 Oslo, Norway

Cu Zn Au

Assay Suggestion

1: _____

2: _____

3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay
17

Batch No. _____

Sheet No.				Sample No.				Sc	Bedrock	UTM		Map Sheet	Sam- pler	Month Day	Stream Wtd	Cond. Fl. St. Fu	Assay Sugg.	Comments
1	2	3	4	5	6	7	8			East	North							
										-5800	5900							NO SAMPLE
										7	5875*							"
				9607586							5850*	26		56	-			REDISH BR., SANDY SILT, B
										-5790	5825*	93		42	6			"
										-5785	5800	9		16	-			"
										-5800	5775*	7		8	-			"
										7	5750*	12		10	-			BR./GR - MIX, FINE SAND, B(?), ROCK FRAGMENTS
											5725*	37		18	-			BR., SANDY SILT, B, ROCK FRAGMENTS
										-5795	5700	9		24	12			REDISH BR., SANDY SILT, B
										-5805	5675*	14		23	-			(REDISH) BR., SILT, B, BIG ROCK FRAGMENTS
										-5800	5650*	42		17	6			DARK REDISH BR., SANDY SILT, B, LOT OF SMALL ROCK FRAG.
										7	5625*	31		16	21			"
																		YELLOWISH GR., SILT, B, SOME ROCK FRAGMENTS
				9608394						-5800	5400	8		10	-			REDISH BR., SILT, B
										7	5425*	28		29	-			REDISH BR., SANDY SILT, B
											5450*							NO SAMPLE, BOG
				9608396						-5795	5475*	12		11	-			BROWNISH GR., SANDY SILT, B, LOT OF ROCK FRAGMENTS, BOG ROCK
										-5795	5500	11		8	6			REDISH BR., SANDY SILT, B
										-5800	5525*							NO SAMPLE, BOG
				9608398						7	5550*	17		50	-			DARK BR., SANDY SILT, B, ROCK FRAGMENTS
											5575	17		5	-			GREYISH BR., SILTY SAND, B, LOT OF ROCK FRAGMENTS
											5600	8/1		34	-			BR., SANDY SILT, B(?),

Project Code: SC				Project Name: SKIFELSVIK (GANG)				Geologiske Jenseter AS Hovfaret 8 0275 Oslo, Norway				Assay Suggestion				Stream-Sediment Sample Data Sheet			
Sample Type: SCIL				Date: 06.08.74								Submitted By: JØRØY				1: _____			
Supervisor: _____				C.4				20				3: _____				No. of Samples for Assay 20			
Batch No. _____																			

Sheet No.	Sample No.		Sc	Bedrock	UTM		Map Sheet	Sampler	Month	Day	Stream Cond.		Assay Sugg.	Comments
	Year	Serial			East	North					Width	Fl. St. Pw.		
	9607	361			-6000	5400	5		3					REDISH BR., SILT, B
		362				5425*	12		27					"
		363				5450*	1		25					LIGHT BR., SILT, B
		364				5475*	11		9					BR., SILT, B, LOTS OF ROCK FRAGMENTS
		365				5500	5		31					LIGHT REDISH BR., SILT, B. ≈ 15cm
		366				5525*	13		11					REDISH BR., SANDY SILT, B, LOTS OF ROCK FRAGMENTS
		367				5550*	17		12					BR., SANDY SILT, B, ROCK FRAGMENTS ≈ 2cm
		368				5575*	46		27					REDISH BR., SANDY SILT, LOTS OF ROCK FRAGMENTS
		369				5600	4		41					LIGHT BR., FINE SAND, B, BOGEDE
		370				5625*								NO SAMPLE
		371				5650*	12		8		52			DARK BR., SANDY SILT, B/C, LOTS OF ROCK FRAGMENTS
	9608	621				5675*	3				5			BROWNISH GR., FINE SAND, A/B/C, RESIDUAL SOIL
		620				5700	2		1		5			GR./BR., SILT, B/A(?)
		619				5725*	32		31					DARK BR., SANDY SILT, B
		618				5750*	11		16					GREENISH BR., SANDY SILT, B, ROCK FRAGMENTS
		617				5775*	35		78		10			REDISH BR., SANDY SILT, B, LOTS OF ROCK FRAGMENTS
	9609	596			-6000	5900	6		10					BROWNISH GR., SILT, B, SHALLOW OVERLAP/URIX
		597				5875*	2		5					GR., SANDY SILT, A, ÷ B
		598				5845*			3					REDISH BR., SANDY SILT, B, BOGEDE
		599				5825*			1					BROWNISH GR., FINE SAND, A/B, ROCK FRAGMENTS
		600				5800	9		18					REDISH BR., SANDY SILT, B, LOTS OF ROCK FRAGMENTS

Project Code: 80	Project Name: VIITEVIKK <small>(SANDVIK)</small>	Geologiske Jensen & Co. Hovfaret 8 0275 Oslo, Norway	Assay Suggestion 1: _____ 2: _____ 3: _____	Stream-Sediment Sample Data Sheet No of Samples on the Sheet No of Samples for Assay 23 Batch No. _____
Sample Type: SOIL	Date: 22.08.94		Submitted By: LJA/JA	
Supervisor: _____				

Geologiske
Jensen & Co.
 Hovfaret 8
 0275 Oslo, Norway

C4 20 A4

Sheet No.				Sample No.								Sc	Bedrock	UTM		Map Sheet	Sam pler	Month	Day	Stream Cond			Assay Sugg.	Comments	
1	2	3	4	5	6	7	8	9	10	11	12			13	14					15	16	17			18
				9	6	0	7	3	7	2					-5600	5795	1641	4	22						BR., SANDY SILT, B, SOME ROCK FRAGMENTS
																5775*	9	13	-						LIGHT REDISH BR., SILT, B
																5750	41	41	8						BR., SILT, B
																5725*	34	-	-						BROWNISH GR., FINE SAND, A/RESIDUAL SOIL
																5700	5	1	-						DARK BR., SILT, B
																5675	-	1	-						GR., SANDY SILT, A/RESIDUAL SOIL
																5650	4	6	-						LIGHT BR., SILT, B, ROCK FRAGMENTS
																5625	13	9	-						REDISH BR., SILT, B
																5600	12	39	-						LIGHT BR., SILT, B, LOTS OF SMALL ROCK FRAGMENTS
																5575	15	16	-						DARK REDISH BR., SANDY SILT, B
																5550									NO SAMPLE, TOO STEEP, SILTY BOULDERS
																5525	24	19	-						DARK BR., SANDY SILT, LOTS OF ROCK FRAGMENTS
																5500	14	10	-						REDISH BR., SILT, B
															-5595	5475*	4	11	-						REDISH BR., SANDY SILT, B, LOTS OF SMALL ROCK FRAGMENTS
															-5595	5450*	9	20	-						REDISH BR., SILT, B, ROCK FRAGMENTS
															-5600	5425*									NO SAMPLE, BOG
															T	5400	76	112	-						DARK BR., SANDY SILT, B(?), ± A
				9	6	0	8	6	2	2					-5600	5200	13	21	-						BR., SANDY SILT, B, ROCK FRAGMENTS
																5225*	24	22	-						"
																5250*	25	17	-						"
																5275*	3	38	-						"
																5300	13	25	-						"
																5325*	3	45	-						BOG EDGE
															-5590	5350*	3	11	-						DARK BR., SANDY SILT, B
															-5600	5375*	3	8	-						BR., SANDY SILT, B, LOTS OF ROCK FRAGMENTS, BOG EDGE
															T	5375*	5		-						REDISH BR., SANDY SILT, B
																									BR., SANDY SILT, B

APPENDIX 4

Project to

8

Project Name: GODEFORD

Date:

(GARONG)
09.04.16

Submitted By:

J3

Supervisor:

Geologiske
Jenester AS
Hovfaret 8
0275 Oslo, Norway

Assay Suggestion

1:

2:

3:

Stream Sediment Sampling Data Sheet

No of Samples on the Sheet

No of Samples for Assay

Batch No

Sample Type:

SOIL

Sheet No	Sample No.				Sc	Bedrock										UTM		Map Sheet	Sampler	Month	Day	Stream width	Cond	FI	St	Assay Sugg	Comments
	1	2	3	4		5	6	7	8	9	10	11	12	13	14	15	16	17	18								
1	2	3	4			7605	368											5100	595	1		2890	-				DARK BR, SANDY SILT, RESIDUAL SOIL
							369												575	1		68	20				BR, SANDY SILT, BOG EDGE
							370												555	2		1	-				REDISH BR, SANDY SILT, RESIDUAL SOIL, ROCK FRAGMENTS
							371												525				-				BOG, NO SAMPLE...
							372											5095	500	1		13	-				BR, FINE SAND / SILT
							373											5100	475	3		5	-				BR, SILTY SAND, RESIDUAL SOIL
							374												450	3		1	-				BR, SILT, BOG EDGE
							375												425	10		13	-				BR, SILT, RESIDUAL SOIL, ROCK FRAGMENTS
							376												400	7			-				BR, SILT, ROCK FRAGMENTS, EOL
							377											5100	625	2		5	-				BR, SILT, RESIDUAL SOIL
							378												650	1		1	-				BR, SILT, B
							379												675	3		13	-				BR, FINE SAND, RESIDUAL SOIL
							380												700				-				GR, FINE SAND, B
							381												725	1			9				BR, SILT, B
							382												750	3		152	-				REDISH BR, B, CLOSE TO GOSAN
							383												775	2		13	-				REDISH BR, SILT, B
							384												800	1		28	-				REDISH BR, SILT, B

Project Code				Project Name: <u>GADEFOK (GROUN)</u>				Geologiske tjenester a.s. Hovfaret 8 0275 Oslo, Norway				Assay Question				Stream-Sediment Sampling Data Sheet																																																																																			
Sample Type: <u>SOIL</u>				Date: <u>060796</u>				Submitted By: <u>UJ</u>				1: _____				No of Samples on the Sheet _____																																																																																			
Supervisor: _____				Cu Zn Au				2: _____				No of Samples for Assay _____																																																																																							
3: _____				Batch No _____																																																																																															
Sheet No	Sample No.	Year	Serial	Reg	Bedrock	UTM	Map Sheet	Sampler	Month	Day	Stream	Cond	Assay	Comments																																																																																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
	9605401					5300	600	4	13	8				BR, SILT, B																																																																																					
	402						575							GOOD SOIL HORIZON																																																																																					
	403						550																																																																																												
	404						525		73																																																																																										
	405						500	34	302					BR, SAND, ROOTS, NO A, RESIDUAL SOIL, DIFFICULT (STEEL)																																																																																					
	406						475		20					BR, SILT, B, ROCK FRAGMENTS, ROOTS																																																																																					
	407					5305	450	12	11	12				LIGHT GR, FINE SAND, A, ROCK FRAGMENTS, SHALLOW																																																																																					
	408					5300	425	34	37					BR, SILT, B, LITTLE A, BOGEDEGE																																																																																					
	409					1	400	12	16					BR, SILT, B,																																																																																					
														BR, SILT AND SAND, NO A, STEEP TERRAIN																																																																																					
	7605385					5300	625	6	31					DARK BR, SILT																																																																																					
	386						650	13	13					BR, SILT, ROCK FRAGMENTS																																																																																					
	387						675	3	2					GR, SILT, LOWER PARTS OF A																																																																																					
	388						700	15	11					REDISH BR, SILT, B																																																																																					
	389						725	20	11					DARK BR, SAND, UNDER A																																																																																					
	390						750	1	11					GR, SILT, NO A																																																																																					
	391						775	7	30					BR, SILT, B																																																																																					
	392						800	43	15					GR-BR, CLAYEY SILT, B																																																																																					
							EOL																																																																																												

Project				Project Name: GODEJORD GRONG				Geologiske Jensen & Hovfaret 8 0275 Oslo, Norway				Assay Station				Stream-Sediment Sampling Data Sheet																																																																																			
Sample Type: SOIL				Date: 06.07.90				Submitted By: JB				1: _____				No of Samples on the Sheet																																																																																			
Supervisor: _____				_____				_____				2: _____				No of Samples for Assay																																																																																			
_____				_____				_____				3: _____				Batch No _____																																																																																			
Sheet No	Sample No.	Year	Serial	Reg	Sc	Bedrock	UTM	Map	Sam	Month	Stream Cond	Assay	Comments																																																																																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59																																									

Project No. de:

80

Project Name: GODEFJORD

(GROVE)

Date:

080796

Sample Type:

SOIL

Submitted By:

Wf

Supervisor:

Geologiske
Hensler
Hovfaret 8
0275 Oslo, Norway

Assay Suggestion

1. _____
2. _____
3. _____

Stream-Sediment Sampling Data Sheet

No of Samples on the Sheet

No of Samples for Assay

Batch No.

25

Sheet No.	Sample No.										Bedrock								UTM		Map Sheet	Sampler	Month / Day	Stream Cond			Assay Sugg.	Comments		
	Year	Site	Sub-site	Tag	11	12	13	14	15	16	17	18	East	North	Width	Fl	St													
9606	96	06	98	6	4	2	7							5600	600	1		15	-									GR, SANDY SILT, BOGEDEGE, A		
					4	2	8								575	3		17	-									REDISH BROWN, B, SANDY SILT, ROCK FRAGMENTS		
					1	2	7								580	2		1	-									GREY-BROWN, FINE SAND, ROCK FRAGMENTS		
					4	3	0								525 *	2		20	-									BR, SILTY SAND, ROCK FRAGMENTS, B		
					1	3	1								580	7		21	-									(REDISH) BR, NO A, B, SILTY SAND, ROCK FRAGMENTS		
					4	3	2								475	20		542	-									BR, NOA, NO O, SILTY SAND, ROCK FRAGMENTS		
					1	3	3								480	1		35	25									BR, NOA, NO O, ROCKS, ROCK FRAGMENTS B		
					4	3	4								425	13		70	5									BR, NOA, NO O, FINE SAND, ROCK FRAGMENTS B		
					4	3	5								4100 EOL	13		12	-									BR, NOA, DARK GR A, FINE SAND, SOME ROCK FRAGMENTS		
					4	3	6							5575	625	26		12	-									REDISH BROWN, RESIDUAL SOIL, VERY SHALLOW, SANDY SILT, ROCK		
					1	3	7							5600	650	6		16	-									LIGHT REDISH-BR, SANDY SILT, SOME ROCK FRAGMENTS, B		
					4	3	8								675	5		17	-									REDISH-BR, SANDY SILT, B		
					4	3	9								900	17		31	-									REDISH-BR, SILTY SAND, B		
					4	4	0								875	16		23	-									BR, NOA, SILT, ROUND PEBBLES		
					4	4	1								850	9		11	-									BR, SILTY SAND, 20 cm THICK A B		
					4	4	2								825	16		12	-									BR, SANDY SILT, B		
					4	4	3								800 *	33		13	-									BR, NOA, 20 cm GOOD TOPSOIL (HATFORD) IN C, SAMPLE T		
					1	4	4								775	3		26	-									REDISH-BR, SILTY SAND, B		
					4	4	5								750	13		16	-									REDISH BR, MUCH ROCK FRAGMENTS, SILTY SAND		
					4	4	6								725	31		25	-									REDISH-BR, ROCK FRAGMENTS, BOGEDEGE, SANDY SILT, B		
					4	4	7								700	21		11	-									BR-GIR, MUCH ROCK FRAGMENTS (POSSIBLY RESIDUAL SOIL) FINE SANDS		
					4	4	8							5800	925 *	21		12	-									REDISH-BR, ROCK FRAGMENTS (RESIDUAL SOIL) NO, A, B		
					4	4	9								955 *			1	-									GIR, FINE SAND FROM A UNDER 20 cm PEAT, BOGEDEGE		
					1	5	0								975 *			2	-									GR, FINE SAND, FROM A, BOGEDEGE		
	96	06	98	6											1005 *	-		3, 7	-									GIR-BR, FINE SAND, POSSIBLE LIMIT TO B, BOGEDEGE		
															*															* MEANS THAT I HAD TO USE LIDCHAIN AND COMPASS TO FIND THE AREA FOR THE SAMPLE LOCATION. THIS MIGHT DIFFER FROM THE MAP

Project Code

80

Project Name:

GRONG
GODEJORD

Date:

08.07.96

Submitted By:

B

Supervisor:

Geologiske
Jenseter
Hovfaret 8
0275 Oslo, Norway

Assay Section

1: _____
2: _____
3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

15

Batch No

Sheet No.				Sample No.								Sc	Bedrock							UTM		Map Sheet	Sampler	Month / Day	Stream Cond			Assay Sugg	Comments
1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	East	North	Width				Fl	St			
↓				96	05	1	5	3										4900	620	H		21	9					GREYISH BROWN SILT, RESIDUAL SOIL	
								1	5	4								7	625									SHALLOW OVERBURDEN (APX 3 CM), NOT POSSIBLE TO SAMPLE	
								1	5	5								7	650	1		5						GR, RESIDUAL A HORIZON, FINE SAND, ROCK FRAGMENTS	
								1	5	6								7	675	3		10						BR, B, SANDY SILT	
								1	5	7								7	700*	2		7						GR, SANDY SILT, A	
								1	5	8								7	725*	52		32						GR, FINE SAND, B	
								1	5	9								7	750	H		11		9				REDISH BR., SANDY SILT, B	
								1	6	0								7	775	16		21		5				REDISH BR., SANDY SILT, B	
								1	6	1								7	800	50		73		48				REDISH BR., SANDY SILT, B	
								1	6	2								7	4900	575*	13		14					REDISH BR., SILT, B	
									1	6	3							7	550									NO SAMPLE BECAUSE OF BOG IN ALL DIRECTIONS	
									1	6	4							7	525*	30		21		15				BR., SANDY SILT, B	
									1	6	5							7	500*	2		21		9				REDISH BR., SANDY SILT, B	
									1	6	6							7	475	2		12		7				GREYISH BR., SILT, RESIDUAL SOIL, MIN BETWEEN A/B	
									1	6	7							7	450			7		8				LIGHT GR, FINE SAND, A, SHALLOW OVER BURDEN	
									1	6	8							7	425	9		30						BR., SILT, B	
									1	6	9							7	400	6		11						BR., CLAYEY SILT, B	

Project Code:

80

Project Name: GODEJORDDate: 03.07.96

Sample Type:

SOIL

Submitted By: B

Supervisor:

Geologiske
Hjensester as
Hovfaret 8
0275 Oslo, Norway

Assay suggestion

1: _____
2: _____
3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

17

Batch No

Sheet No.	Sample No.										Sex	Bedrock	UTM		Map	Sam	Month	Stream	Cond	Assay	Comments	Batch No.
1 2 3 4	5 6 7 8 9 10 11	12	13 14 15 16 17 18		East	North	Sheet	pler	Day	width	Fl	St	Sugg									
	9605170				4700	400	7		10	-				DARK BR., SILT, B								
		171				425*	10		14	7				REDISH BR., B								
		172				450	1		6	19				GR., FINE SAND, A								
		173				475*	-		7	11				GREYISH BROWN, SANDY SILT, A								
		174				500*	5		10	5				BR., SANDY SILT, B								
		175				525*	21		14	6				BR., SILT, B								
		176				550*	21		52	-				BR., SILT, BOGE EDGE, B								
		177				575*	1		63	-				BR., SILT, BOGE EDGE, B, ÷ A								
		178				600	11		15	5				BR., SANDY SILT, B								
		179				625*	39		35	-				GR., SILT, B, ÷ A } STEEP TERRAIN								
		180				650*	17		73	-				BR., SILT, B, ÷ A }								
		181				675*	1		11	-				BR., SILT, B								
		182				700*	13		10	11				REDISH BR., SILT, B, EDGE OF BOG								
		183				725*	15		50	5				REDISH BR., SANDY SILT, B								
		184				750*	3		15	-				GR., SANDY SILT, A/B, ONLY SMALL SAMPLE (NONE OF VALUE)								
		185				775*	3		15	7				DARK BR., SILT, B								
		186				800	13		13	11				DARK BR., SILT, B								

Project No.

80

Project Name: GODEFORD

(GIRONG)

Date:

0410790

Sample Type:

SOIL

Submitted By:

47

Supervisor:

Geologiske
Institutt
Hovfaret 8
0275 Oslo, Norway

Assay Section

1:

2:

3:

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

20

Batch No.

Sheet No	Sample No.	Sc	Bedrock	UTM	Map	Sam	Month	Stream Cond	Assay	Comments
1 2 3 4	Year Serial Tag		12 13 14 15 16 17 18	East North	Sheet	pler	Day	width Fl St	Sugg	
	9606787			5800 900						NO SAMPLE BECAUSE OF ROCK
	988			875 30			31	-		REDISH BR., SANDY SILT, VERY WET SAMPLE, NDA, ROCKY
	989			850 3			23	-		DARK BR., SANDY SILT, B
	9607000			825 3			27	-		DARK BR., FINE SAND -> SAND, REGULAR B
	9606933			800 9			27	6		DARK BR., MUCH ROCK FRAGMENTS (POSSIBLY RES. SOIL) FINE S-SAND
	934			775 1			33	-		REDISH BROWN, SILTY SAND, B
	936			750 6			32	-		REDISH BR., SANDY SILT, ROCK FRAGMENTS AND ROOTS, B
	935			725 11			11	7		(REDISH) BR., SANDY SILT, B
	937			700* 43			05	-		BR., MUCH ROCK FRAG. AND ROOTS, LITTLE OVERBURDEN, B
	938			675* -			27	-		BR-BLACK, B? UNDER A, SAND
	939			650 11			31	-		REDISH-BR., (SANDY) SILT, B
	940			625 21			23	-		VERY REDISH-BR., SANDY SILT
	941			600 1			6	-		GR-BR., FINE SAND, B
	942			575 3			10	5		BR., ROCK FRAGMENTS (RESIDUAL SOIL), B
	943			550 21			15	-		DARK BR., SANDY SILT IN BUNDER DARK GR A.
	944			525 10			17	-		VERY REDISH-BR., SANDY SILT, B
	945			500 2			13	-		BR., SANDY SILT, RESIDUAL SOIL WITH MUCH ROCK FRAGMENTS
	946			475 10			13	-		REDISH BROWN, SANDY SILT, B
	947			450 13			11	-		REDISH BROWN, SILT, B
				425* 21			08	-		BROWN, SANDY SILT, NDA B
				4000						BROWN, SANDY SILT, ROOTS AND ROCK FRAGMENTS, B

Project Code:

80

Project Name: GODEVORD

GAUJQ

Date: 09.07.96

Sample Type:

SOIL

Submitted By: JB

Supervisor:

Geologiske
Jensen &
Hovfaret 8
0275 Oslo, Norway

Assay suggestion

1: _____
2: _____
3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

13

Batch No. _____


Sheet No	Sample No.										Sc	Bedrock							UTM		Map Sheet	Sampler	Month Day	Stream Cond			Assay Sugg.	Comments	
	1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	East				North	Width	Fl			St
7	9	6	0	5	1	8	7												4500	600	13		20	6					GREYISH BR., CLAYEY SILT, -A, BOXEDGE
					1	8	8												1	575*	6		20	11					REDISH BR., SILT, B
					1	8	9												4570	540*	11		39	33					REDISH BR., SILT, B
					1	9	0												4500	520*	32		19	19					BR, FINE SAND, B, ROGEDEGE
					1	9	1												7	500	16		37	-					REDISH BR., FINE SAND, B, ROGEDEGE
					1	9	2												7	480*	8		37	10					DARK REDISH BR., B
					1	9	3												1	450*	7		22	9					REDISH BR., SANDY SILT, B
					1	9	4												4570	425*	13		19	14					BR., SANDY SILT, B, ROCK FRAGMENTS, ROGEDEGE
					1	9	5												4500	400	1		31	12					BR., SILT, B, ROCK FRAGMENTS
					1	9	6												4500	625*	2		1	13					GR., SANDY SILT, A, } BOGEDEGE WITH SHALLOW OVERFLOW GR., SANDY SILT, A. }
				1	9	7												7	650*	-		19	12						
				1	9	8													675*	10		23	6					REDISH BR., SANDY SILT, B, ROCK FRAGMENTS	
				1	9	9													700*	8			23	8					REDISH BR., SANDY SILT, B, ROCK FRAGMENTS

Project Name: <u>GODEVORD</u>		Date: <u>10.07.96</u>		Submitted By: <u>B</u>		Supervisor: <u>CU ZN AU</u>		Assay suggestion		Stream-Sediment Sample Data Sheet																			
Sample Type: <u>SOIL</u>		No. of Samples on the Sheet		No. of Samples for Assay		Batch No.																							
Sheet No.	Sample No.	Year	Serial	Reg	Bedrock	UTM	Map	Sam	Month	Stream	Cond	Assay	Comments																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	East	North	Sheet	pler	Day	Width	Fl	St	W	Sugg.		
1	9605	393				4300	600	10		31	14			BR, SILT, B, ÷ A															
		394					575*	4		32	-			BR, SILT, B															
		395					555*	8		23	-			BR, SANDY SILT, B, ROCK FRAGMENTS, BOGE															
		396					525*	46		11	-			BR, SANDY SILT, B, ROCK FRAGMENTS.															
		397					500	15		170	-			REDISH BR, SILT, B, ÷ A, ROCK FRAGMENTS															
		398					475*	230		243	21			BR, SANDY SILT, B, ÷ A, ROCK FRAGMENTS															
		399					450*	12		71	7			BR, SANDY SILT, B, ROCK FRAGMENTS															
		400					425*	2		5	-			GR, FINE SAND, A, ROCK FRAGMENTS															
		715					400*	48		90	9			REDISH BR, SILT, B															
		716					370*	5		9	12			REDISH BR, SILT, B															
		717					355*	15		29	10			REDISH BR, SANDY SILT, B															
		718					335*	-		3	9			REDISH BR, SANDY SILT, B															
		719					300*	-		-	-			HARDLY ANY OVERBURDEN (APX 2cm) NO SAMPLE															
	2	720					4300	630*	1		44	7			BOGE, SANDY MIX BETWEEN A AND B, GR/BR,														
		721					4290	650	5		13	-			BROWNISH GREY, FINE SAND, A, ÷ B														
722						4295	675*	-		-	6			GR, FINE SAND, A															
723						4300	700	11		14	7			REDISH BR, SILT, B															
724							725*	12		26	-			REDISH BR, SILT, B															
725							750*	13		16	-			BR, SILT, B, ÷ A															
726							775*	22		41	-			BR, SILT, B															
727							800*	30																					

[illegible]

Project Code: 80		Project Name: GODESJORO GRØNÅ Date: 11.07.96		Geologiske Jensen & Hovfaret 8 0275 Oslo, Norway		Assay Section 1: _____ 2: _____ 3: _____		Stream-Sediment S. Data Sheet No of Samples on the Sheet: No of Samples for Assay: 19 Batch No: _____	
Sample Type: SOIL		Submitted By: JB, UF Supervisor: _____							

Sheet No	Sample No.	Bedrock	UTM		Map Sheet	Sampler	Month	Day	Stream Cond		Assay Sugg	Comments
			East	North					Width	Fl. St. W		
1	9605132		3900	600	9		24.0					BR, SANDY SILT, B
	733		3900	625*								BOG IN ALL DIRECTIONS, NO SAMPLE
	734		3910	650	16		25	15				BR, SANDY SILT, B, BOG EDGE
	735		3900	675*	13		25					LIGHT REDISH BROWN, SILT, B
	736		3910	700	10		25	6				REDISH BR., SILT, B
	737		3900	575*	23		19					BR, SILT, B, = A, BOG
	738			550*	1			10				BROWNISH GR, A, FINE SAND
	739			525*	2		3	9				MIX BETWEEN A AND B HORIZON, GR/BR, FINE SAND
	740			500*	31		11					LIGHT REDISH BR, SANDY SILT, B
	741			475*	21		17					BR, SANDY SILT, B, = A, ROCK FRAGMENTS, BOG, EDGE
2	742		3890	450*	1		56					BR, SILT, B
	743		3900	425*	24		65	11				BR, SILT, B, ROCK FRAGMENTS
	744			400	12		118	10				BR, B, ROCK FRAGMENTS, RESIDUAL SOIL, = A
	827			375*	75		44	13				REDISH BROWN, SILT, B
	828			350	12		24					GR, FINE SAND, RESIDUAL SOIL, A
	829			325								NO SAMPLE BECAUSE OF TALLS
	830			300	3		27					REDISH BROWN TO BROWN, SILTY SAND. AT THE END OF TALLS, 13
	831			275	11		25					BROWN, SANDY SILT, ROCK FRAGMENTS
	832			250	16		51					VERY REDISH BROWN, SANDY SILT, ROCK FRAGMENTS
	833			225	6		25					DARK BROWN, SANDY SILT, B
3	834			200	15		72					BROWN, RESIDUAL SOIL WITH HOSTLY ROCK FRAG, B, SAND SWIRL

Project No: 80	Project Name: GODEJORD GRONG	 Geologiske Hovfærelse 0275 Oslo, Norway	Assay Station 1: _____ 2: _____ 3: _____	Stream Sediment Sample Data Sheet No of Samples on the Sheet: No of Samples for Assay: 17 Batch No. _____
Sample Type: SOIL	Date: 12.13.07.96	Submitted By: B&U	Supervisor: _____	

Sheet No	Sample No.				No.	Sex	Bedrock										UTM		Map Sheet	Sampler	Month	Day	Stream Cond.			Assay Sugg.	Comments
	1	2	3	4			5	6	7	8	9	10	11	12	13	14	15	16					17	18	East		
ULF →	9605745																								NO SAMPLE, IN THE MIDDLE OF A BOG		
																									"		
																									"		
																									MOSTLY O-HORIZON, BR.		
																									REDISH BR., SANDY SILT, B		
																									BR., SILT, B		
	9605751																								REDISH BR., SANDY SILT, B		
																									REDISH BR., SILT, B		
																									"		
																									REDISH BR., SANDY SILT, ROCK FRAGMENTS, FINE GR.		
																									BROWNISH GR., FINE SAND, A		
																									BR., SILT, B		
		9605835																							REDISH BR., SANDY SILT, B, ROCK FRAGMENTS		
																									NO SAMPLE, BOG		
																									REDISH BR., SILT, B, SOME ROCK FRAGMENTS		
																								GREYISH BR., SANDY SILT, A			
																								LIGHT BR., SANDY SILT, ROCK FRAGMENTS, RED SILT			
																								DARK REDISH BR., SILT, B, ± A, ROCK FRAGMENTS			
																								REDISH BR., SANDY SILT, B, ROCK FRAGMENTS			
																								NO SAMPLE			
																								BR., SANDY SILT, B, SHALLOW OVERBURDEN			
																								"			
																								NO SAMPLE, BOG			
																								REDISH BR., SILT, B, ROCK FRAGMENTS AND FINE			
																								BR., SANDY SILT, B, ROCK FRAGMENTS			

Project No:

80

Project Name: GODEVORD

Date: 13.07.96

Submitted By: J9

Supervisor:

Geologiske
Institutt
Hovfaret 8
0275 Oslo, Norway

Assay suggestion

1: _____
2: _____
3: _____

Stream-Sediment Sample Data Sheet

No of Samples on the Sheet

No of Samples for Assay

Batch No.

25

Sheet No.	Sample No.										Sc	Bedrock										UTM		Map Sheet	Sampler	Month	Day	Stream Cond.		Assay Sugg.	Comments
	1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	East	North	yr	lit					ft	st		
	9	6	0	5	4	5	7												6310	600	10		7	-					GR, FINE SAND, A, ROCK FRAGMENTS, BROWN SAND		
					4	5	8												6300	575*									NO SAMPLE, BOG		
					4	5	9													550*										"	
					4	6	0													525*			10	-						BR, SANDY SILT, B	
					4	6	1												500		1	10	-							LIGHT REDISH BR, FINE SAND, B/RESIDUAL SOIL	
					4	6	2												475*		1	37	-							LIGHT GREYISH BR, FINE SAND, B, ROCK FRAGMENTS	
					4	6	3												450		30	27	-							REDISH BR, SANDY SILT, A	
					4	6	4												430*		21	21	-							REDISH BR, SANDY SILT, B, ROCK FRAGMENTS	
					4	6	5												400		10	23	-							"	
					4	6	6												6300	375*	8	23	-							REDISH BR, SILT, B	
					4	6	7													350*		10	21	-							"
					4	6	8													325*		6	1	-							"
					4	6	9													300*		14	28	-							BR, SANDY SILT, B, SLIGHTLY REDISH
					4	7	0												890		6	2	7								O/A-HORIZON, SILT GREYISH BR., BOG
					4	7	1												870*		-	-	-								LIGHT GR, SILTY SAND, A
					4	7	2												850		8	16	-								REDISH BR, SILT, B
					4	7	3												820*		21	21	-								"
					4	7	4												805		19	22	-								"
					4	7	5												775*		10	30	-								REDISH BR, SILT, B
					4	7	6												750		21	25	-								DARK BR, SANDY SILT, B
					4	7	7												725*		13	19	-								REDISH BR, SANDY SILT, B, ROCK FRAGMENTS
					4	7	8												705		20	39	-								REDISH BR, SILT, B
					4	7	9												690*		19	20	-								"
					4	8	0												650				-								"
					4	8	1												625				-								BOG } NO SAMPLES
					4	9	5												275*		13	23	-								BOG }
					4	9	6												250*		11	25	-								BR, SANDY SILT, B, ROCK FRAGMENTS
					4	9	7												225*		13	30	6								BR, FINE SAND, B, ROCK FRAGMENTS
					4	9	8												200*		4	16	-								"

[illegible]

Project No: 80	Project Name: GODEFORD <i>G.R. ON 6, 160797</i>	Geologiske Jensen & Jørgensen Hovfaret 8 0275 Oslo, Norway <i>CU 211 AL</i>	Assay Question 1: _____ 2: _____ 3: _____	Stream-Sediment Sample Data Sheet No of Samples on the Sheet: No of Samples for Assay: 28 Batch No: _____
Sample Type: SOIL	Submitted By: U17			
Supervisor: _____				

Sheet No	Sample No.		Sc	Bedrock										UTM		Map Sheet	Sampler	Month / Day	Stream Cond.			Assay Sugg.	Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Year	Serial		1	2	3	4	5	6	7	8	9	10	11	12				13	14	15			16	17	18	width	Fl	St	Vol																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
<div>↓</div>	1606701																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

Project No. 80	Project Name: GODESORD GRANT	Geologiske Institutt Hovfaret 8 0275 Oslo, Norway	Assay Question 1: _____ 2: _____ 3: _____	Stream Sediment Sample Data Sheet
Sample Type: SOIL	Date: 16.07.96		No of Samples on the Sheet 	
Submitted By: J3	Supervisor: _____		No of Samples for Assay 20	
			Batch No. _____	

Sheet No.	Sample No.										Sc	Bedrock										UTM		Map Sheet	Sampler	Month	Day	Stream Cond.			Assay Sugg.	Comments	
	1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	East	North	Width	pH					Si	PO ₄				
7					9	6	0	5	6	0	1									5400	575	6		10								DARK BR., O, ÷ A	
									6	0	2										1	12		13	7							LIGHT BR., SANDY SILT, B	
									6	0	3										550	2		8	-							LIGHT GR., FINE SAND, A	
									6	0	4										1	4		17	-							DARK BR., O	
									5	0	5										1	41		37	-							REDISH BR., SANDY SILT, B	
									6	0	6										525	2		20	15							GREYISH BR., O, ÷ A	
									6	0	7										1	53		13	-							REDISH BR., SANDY SILT, B, UPPER PART OF LITHOMORPHIC	
									6	0	8										1	77		11	5							REDISH BR., SANDY SILT, B/RESIDUAL SOIL	
									6	0	9											500	21		11	13							GR., O
									6	1	0										1	53		63	21							REDISH BR., FINE SAND, B/RESIDUAL SOIL, APPROX. 10cm	
									6	1	1											475	30		13	-							DARK GREYISH BR., O,
									6	1	2										1	36		45	-							BR., SANDY SILT, B/RESIDUAL SOIL, ÷ A	
									5	1	3											450	3		26	-							DARK BR., O
									5	1	4										1	16		21	-							LIGHT GR., SANDY SILT, A	
									6	1	5										1	1		7	-							BR., SILT, B, ROCK FRAGMENTS	
									6	1	6											425	2		7	-							GR., SILT, A, ROOTS
									6	1	7										1	1		9	-							BL., O	
									6	1	8										1	11		21	-							REDISH BR., SANDY SILT, B/RESIDUAL SOIL, APPROX. 10cm	
									6	1	9											400	11		12	-							DARK GR., O
									6	2	0										1	16		11	-							REDISH BR., SANDY SILT, B/RESIDUAL SOIL	

Project No. 80		Project Name: GODEJORD		<div style="display: flex; justify-content: center; align-items: center;"> <div style="text-align: center; margin-right: 10px;"> Geologiske Jenseter Hovfaret 8 0275 Oslo, Norway </div> <div style="text-align: center;"> Cu Zn Al </div> </div>										Assay Suggestion 1. _____ 2. _____ 3. _____					Stream-Sediment Sampling No. of Samples on the Sheet: _____ No. of Samples for Assay: 13 Batch No.: _____									
Sample Type: SOIL		Date: 16.10.96 Submitted By: JB Supervisor: _____																										

Sheet No.	Sample No.										Bedrock	UTM		Map Sheet	Sampler	Month	Day	Stream Width	Cond. Fl. St. No.	Assay Sugg.	Comments
	1	2	3	4	5	6	7	8	9	10		East	North								
											4200	300*	-		4	-				(Gt.) BR., SANDY SILT, SOME ROOT FRAG., 15cm	
												325*	6		35	-				REDISH BR., SANDY SILT, SOME ROOT FRAG., 15cm	
												350*	1		14	-				LIGHT REDISH BR., SANDY SILT, 25cm	
												375*	10		180	-				(REDISH) BR., SANDY SILT, SOME ROOT FRAG., 25cm	
												400	61		138	13				BR., SANDY SILT, ROOTS, 20cm	
												425*	4		17	-				REDISH BR., SANDY SILT, ROOTS, LITTLE FRAG., 15cm	
												450*	38		131	-				BR., SANDY SILT, ROOTS, LITTLE FRAG., 20cm	
												475*	68		130	-				BR., SANDY SILT, ROOTS, LITTLE FRAG., 15cm	
												500	13		43	-				REDISH BR., SANDY SILT, ROOTS, 20cm	
												525*	-		41	-				REDISH BR., SANDY SILT, SOME ROOT FRAG., 20cm	
												550*	51		66	-				REDISH BR., ROCK FRAG., SANDY SILT, 25cm	
												575*	28		199	-					
												600*	8		34	-				LARK PLOUGH BR., SANDY SILT, SOME ROOT FRAG., 20cm	

Project Code

80

Project Name: GODEJORD

Date: 17.10.96

Submitted By: JB

Supervisor:

Geologiske
Hjester
Hovfaret 8
0275 Oslo, Norway

Assay Suggestion

1 _____
2 _____
3 _____

Stream-Sediment Sampling Data Sheet

No of Samples on the Sheet

No of Samples for Assay

15

Batch No. _____

Sheet No.				Sample No.								Bedrock								UTM		Map	Sam	Moist	Shear Cond	Assay	Comments	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	East	North	Sheet	pler	Day	width	RI	St	Sugg.		
																		4000	200*	52		69	-				BR., SANDY SILT, ROOTS, 20 cm	B
																			225*	7		16	9				(L.R.) - BR., SANDY SILT, ROCK FRAG., 20 cm	B/C
																			250*	9		33	-				DARK BR., SILT, 15 cm	B
																			275*	10		47	-				REDISH BR., SANDY SILT, SOME ROCK FRAG., & SOME ROOTS,	B
																			300*	3		44	-				REDISH BR., SANDY SILT, SOME ROOTS, 25 cm	B
																			325*	9		38	12				"	B
																			350*	7		36	-				"	B
																			375*	16		106	-				BR., SANDY SILT, SOME ROCK FRAG., ROOTS, 25 cm	B
																			400	100		81	-				BR., SANDY SILT, MUCH ROOTS, 30 cm	B
																			425*	171		51	11				BR., SANDY SILT, MUCH ROOTS, 25 cm	B/O
																			475*	8		37	-				REDISH BR., SANDY SILT, 20 cm	B
																			500*	12		39	-				REDISH BR., SANDY SILT, SOME ROOTS, 25 cm	B
																			525*	12		38	-				BR., SANDY SILT, 30 cm	B
																			550	1		14	-				GR. - BR., SANDY SILT, ROOTS & ROCK FRAG., 15 cm	B/B
																			450*	7		10	9				REDISH BR., SANDY SILT, 25 cm	B

APPENDIX 5

Hovedsgerp på Skiftesmy.

Trench no. SK96-1

Completed 23.08.96

Coord. \div 5000E/5415N

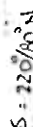
Notes By AR

Sheet 1 of 1

Record

METRIC Scale

1 : ~~100~~ 50



S. end of trench ————— Coordinate $\div 5000\text{ E} / 5415\text{ N}$

Skiftesmyr

Direction 360° Trench no. SK96-2
 Started 24.08.96
 Completed 24.08.96 Coord: 4960E/5430N
 Notes By AR Sheet 1 of 1

[illegible]

GEOLOGISKE
TJENESTER A/S

Skiftesmyr
(Stordalen sjeep)

Direction 005° Trench no. SK96-3

Started 29.08.96
Completed 29.08.96

Coord: 4835E/5305N

TRENCH Record
METRIC Scale 1 : ~~100~~ 50

Notes By AR/JB

Sheet 1 of 1

m	Struc. Coordinates	Sample no.	Rock Type and Alteration	ASSAYS					
				Section	Cu	Pb	Zn	Ag	Au
1#			random chip samples Mixed chl + Q-sch schists with thick P-py veins cg. P. pale. mica + amphibole Q-rich zone in sulphides Pl - po ± cp - sl						
2#									
3#			Same rock						
4#									
5#			Same thick cg py veins in chlorite rock						
6#									
7#									
8#									
18									
20									

Samples

① = 9603490

② = 9603491

③ = 9603492

0.39 0.05 0.62 77 13 0.24

0.47 0.004 0.06 135 8 0.18

0.26 0.005 0.31 83 5 0.24

GEOLOGISKE
TJENESTER A/S

Direction 010°

Trench no. SK96-4

Started 24.08.96

Completed 24.08.96

Coord. 5205E/5350N

TRENCH

Record

METRIC Scale

1 : ~~100~~ 50

Notes By AR

Sheet 1 of 1

m	Struc.	Sample no.	Rock Type and Alteration	ASSAYS ppm					
				Section	Cu	Pb	Zn	As	Au
10									
9.2			rock. gray fgs, massive, homogen feldspytic felsic Intrus. dyke rock sample						
8.4		#5							
7.8									
6.8									
5.4									
4.2									
3.4									
2.4									
1.4									
0.4									

Rockchip samples

① = 9603485

② = 9603486

③ = 9603487

④ = 9603488

591	26	55	28	4	40
4630	28	71	36	4	64
5290	20	280	25	5	170
3730	29	182	27	5	222

dark green chlnite rich

thin quartz chert?
thin massive py layers

chln schists + pyrite vein

massive pyrite ore
fg-med gr granular
minor dark chlnitic fragments

massive crystalline granular pyrite with amorphous, rounded chln fragments
contact 310/75° N. schistose
fg gabbroid dol. dyke sill?

thick (4-5m?) sharp contact to massive ore

Coordinates 5205E/5350N

GEOLOGISKE
TJENESTER A/S

Skiftesmyr
(Stordalen Nord)

Direction 270° L to Strike

Trench no. SK96-5

Started 29.08.96

Completed 29.08.96

Coord. ÷4605E/5910N

TRENCH

Record

METRIC Scale

1 : ~~100~~ 50

Notes By AR/JB

Sheet 1 of 1

m	Struc.	Sample no.	Rock Type and Alteration	ASSAYS					
				Section	Cu	Pb	Zn	As	Au
0									
0.4			Coordinates ÷4605E/5910N						
1.8			Pole Q-gr schists with py dissemination						
2.2		①	Strike 160°/85° E Starts with much py dissemination and cm thick Q-py rich veins						
3.2		②	Q-chl rich zone with cgr py dissemination between Q-rich zones. +cp? Q-veins + sericite schists Pyrls?						
4.2		③							
5.2		④							
6.2									
18									
20									

Samples

① = 9603493

② = 9603494

③ = 9603495

④ = 9603496

⑤ = 9603497

a composite sample from large mineralized blocks near trench.

APPENDIX 6

Godejord

Trench no. G096-1

Completed 22 aug 96

Coord. 5065E / 580N

Sheet 1 of 1

Record

METRIC Scale 1 : ~~100~~ 50

[illegible]

GT 97-80-01

Appendix 6.

Take so mya bedone, man
dette van van original

Boye.

**GEOLOGISKE
TIJENESTER A/S**

Direction 160° / 1 to strike of geol. Trench no. G096-2

Started 8.08.96
Completed 9.08.96

Coord. 4830E / 562N

TRENCH Record
METRIC Scale 1 : ~~100~~ 50

Notes By AR/JB

Sheet 1 of 1

N
A

[illegible]

GEOLOGISKE
TJENESTER A/SDirection 165°/1 to strike Trench no. G09b-3Started 08.08.96Completed 08.08.96Coord. 4655E/535N

TRENCH

Record

METRIC Scale

1 : ~~100~~ 50Notes By AR/JBSheet 1 of 1

m	Struc.	Sample no.	Rock Type and Alteration	ASSAYS							
				Section cm	ppm Cu	ppm Pb	ppm Zn	ppm As	ppm Ag	ppm Au	
			coord. 4655E/535N								
0	Water		much. NB. P1 vein + ep + cl inside major shear/fault zone S-248 on this side								
0.2	Pract. sl.	①	high Q-py veins	①	4310	—	8390	9	3.1	56	
1.4	Py	②	decrease Q-py veins	②	6070	13	2940	18	3.5	63	
2.2	Py	③	very difficult to sample	③	140	9	625	7	0.5	28	
3.2		④	end of quartzifying	④	11	11	162	4	0.5	22	
4.2											
5.2											
6.2	Water		ankerite-siderite? dol porphyroblasts. Q-carbonate rich sch. band.								
7.2	Py	⑤	delomite? carbonate porphyroblasts. ch + calc rich schists + Q veins. ~ 10cm thick zone of qtz + py dissemin	⑤	2710	140	>1% 1.1%	21	11	486	
7.2	Py	9608640	mol grey greenish bl. heavy galena ch. mica + bl + bl strongly sheared. - S=234/80°N								

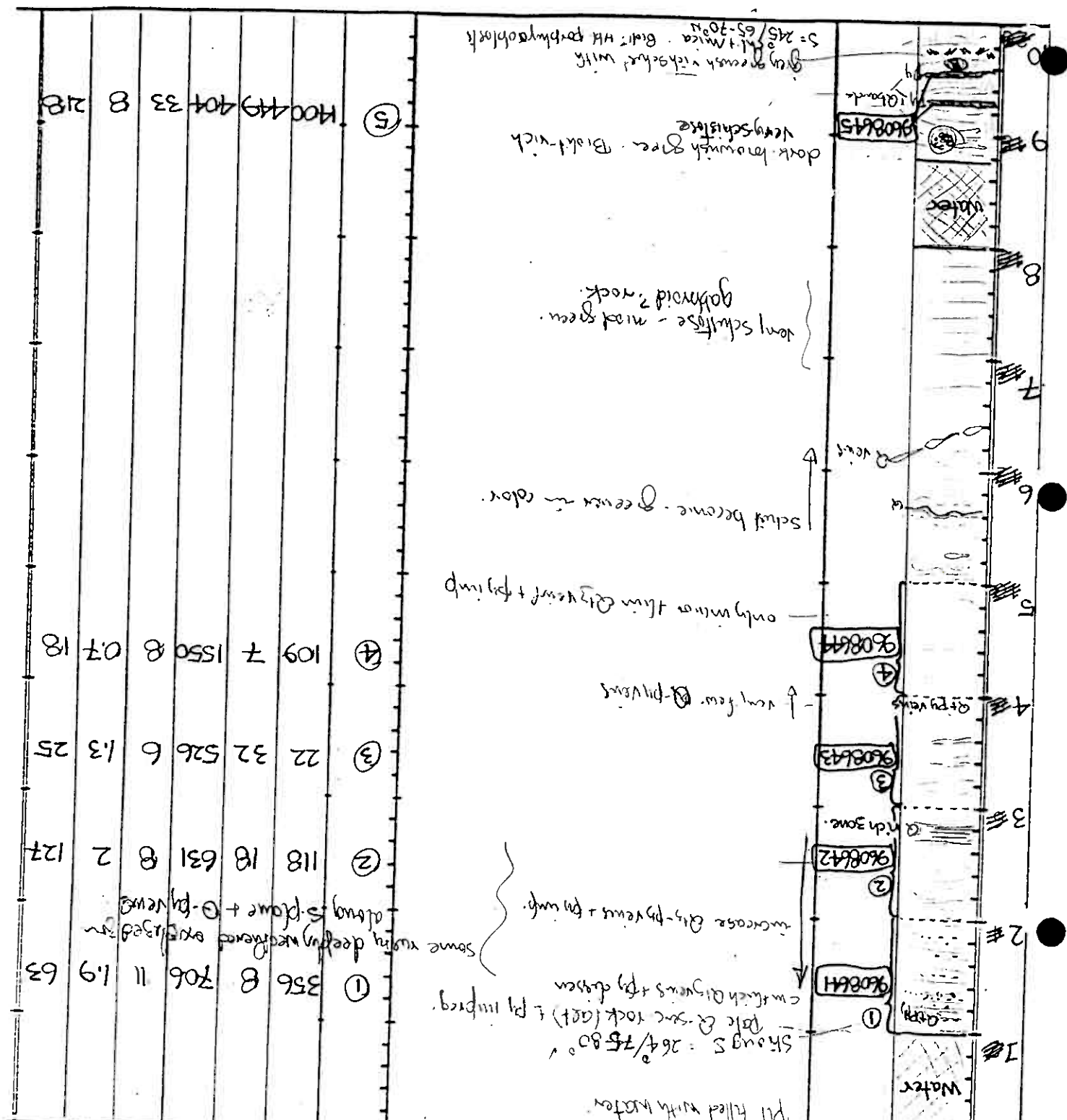
GEOLOGISCHE TJENESTER A/S

TRENCH
Record
1 : 50
Metric Scale

Direction 160°/1 to strike
Trench length
9.08.96
Completed 9.08.96
Notes By AR/JB

Trench no. 6096-4
Coord. 4577E/5251
Sheet 1 of 1

Struc. Sample no.	Coord. 4577E/5251	Rock Type and Alteration	ASBA78						
			Ag	Cu	Pb	Zn	As	Pb	Pb



Gedjord

Godejord

GEOLOGISKE
TJENESTER A/S

Direction 150° L to Strike

Trench no. 6096-5

Started 9.08.96

Completed 10.08.96

Coord. 4445E/512N

TRENCH

Record

METRIC Scale

1 : ~~100~~ 50

Notes By AR/JB

Sheet 1 of 1

m	Struc.	Sample no.	Rock Type and Alteration	ASSAYS						
				Section	ppm Cu	ppm Pb	ppm Zn	ppm As	ppm Ag	ppm Au
	Coord.	4445E/512N								
1#	Water		water hole.							
2#	Q+Py veins	9608646	strongly S. 240°/76° pale grey-greenish Qt - seric. ± chl. rich rock. strongly foliated and small folds.	①	1760	126	6070	13	2.5	101
3#	chl	9608647	1.40 - 4m strong Qt + Py veins and Py dissemin.	②	1750	81	8840	17	2.7	120
4#	s/l. vein	9608648	increasing Qt + py veins + py dissemin.	③	983	63	4580	19	2	126
5#	Py	9608649	Qtz rich zone	④	1060	20	2040	10	1.8	97
6#			becomes greener in color more chlorite + mica							
7#			much hydrothermal Qt lenses							
8#			fold hinges plunge 45° to 040° (NE direction)							
9#			more gabbroid in nature strongly sheared/foliated							
10#										
11m										
12m										

NB

much
yellow
stone

deep weathering

along fractured
+ pyrite veins.

difficult to get good fresh sample.

gabbroid

Godejord

GEOLOGISKE
TJENESTER A/SDirection 160° L to strikeTrench no. G096-6Started 10.08.96Completed 10.08.96Coord. 4335E/484N

TRENCH

Record

METRIC Scale 1 : ~~50~~ 50Notes By AR/TB.Sheet 1 of 1

downing

- ass. Q vein
- ss. ss. ss.

m	Struc. coord.	Sample no.	Rock Type and Alteration	ASSAYS							
				Section cm	ppm Cu	ppm Pb	ppm Zn	ppm As	ppm Ag	ppb Au	
1#			Deep hole filled with water deep. bag.								
2#	1.69	① 9603458	Strong shear zone? sl. assoc. Q veining + py + po - strong schistosity 250/55°N	①	1830	92	>1% 1.37	13	2.9	107	
3#		③ 9603459	late gangue - white Q-ser ± py + mp schists - variable Q and ser. rich. variable - much Q + py + mp	②	2210	92	>1% 2.81	21	3.3	81	
4#		③ 9603460	Trace of Q + py + mp Q veining cm scale - max 2-4cm	③	4940	4	>1% 4.97	13	5	61	
5#		④ 9603461	Continued good Q veining with zones of good sl. mineralization S = 250/80°N.	④	2710	10	>1% 4.25	14	2.5	47	
6#		⑤ 9603462	↓ less Q + py + mp all seen. rusty deep weathering Strong schistosity	⑤	2370	14	>1% 0.97	9	2.3	51	
7#											
8#	7.30		Water filled trench - bag.								
9#			NB - This is trench with mist. Zn + Cu mineralization over 4m. good grades. sl. assoc. with thicker (cm size) Q + py + mp ± cp cp. assoc. with ch - ser. schists surrounding Q + py + mp								

GEOLOGISKE
TJENESTER A/S

Small edit?

Godejord

Direction 345° to strike

Trench no. 6096-7

Started 13.08.96

Completed 13.08.96

Coord. 4295E/475N

TRENCH

Record

METRIC Scale

1 : ~~100~~ 50

Notes By AR

Sheet 1 of 1

m	Struc.	Sample no.	Rock Type and Alteration	Zn % ASSAYS						
				Section	Cu ppm	Pb ppm	Zn %	As ppm	Ag ppm	Au ppm
			① = 9603463	1.47	2070	345	>1%	20	4.4	111
			② = 9603464	2.13	2420	82	>1%	13	2.7	80
			③ = 9603465	2.41	2500	39	>1%	19	2.7	47
			④ = 9603466	1.47	1710	89	>1%	11	2	50

1. 100m scale

1. 100m scale

⑤

Strong 223°/70°

9603466

④

③

②

①

9603463

Rock becomes extremely weak and crumbly - difficult to sample
Q-carbonate band (new) + py imp
Some chl. zones.
Pole Q-sew. ± chl. schists with strong pyroclastic
- thick zones with Qtz rich vein ± py ± sl
thin thick zones - rich in cp
Qtz vein? ± py sl. dissem
remobilized sl with al grains
Lensed Qtz rich zone
Sheared Qtz veins
py sl dissem
Minor folds post schistosity
Trend 035° plunges 45°
Grz lenses - tectonic
Schists sec. Q + py imp ± sl.

Godejord

GEOLOGISKE
TJENESTER A/S

Direction 335° L to Strike Trench no. 6096-8

Started 13 aug. 96

Completed 13 aug. 96

Coord. 4215V/545N

TRENCH Record

METRIC Scale 1 : ~~100~~ 50

Notes By AR

Sheet 1 of 1

Sketch of E facing Wall

m	Struc.	Sample no.	Rock Type and Alteration	ASSAYS					
				Section	Cu	Pb	Zn	As	Ag
			Old workings						
			- Some parts very rusty + near surface						
			- Rock pale Q-ser schists						
			with strong py chlorite and						
			minor Q-py veins / thin veins						
			- Some sl? minor, noted						
			assoc Q-py veins						
			S = 265°/58°N dip						
			crenulation folds post S						
			Plunges 45° in 030° direction						
			NB - could be altered gabbroid?						
			1 Sample taken over whole trench						
			<div>9603467</div>						
				594	371	1.6%	6	14	128

GEOLOGISKE
TJENESTER A/S

Jon Godejord's

Hovedsjerp

Direction 355° ⊥ to strike

Trench no. 6096-9

Started 21.08.96

Completed 21.08.96

Coord. 533SE/510N

TRENCH

Record

METRIC Scale

1 : ~~100~~ 50

Notes By AR

Sheet 1 of 1

m	Struc.	Sample no.	Rock Type and Alteration	ASSAYS					
				Section	Cu	Pb	Zn	As	Ag
7			mineralized zone - structurally varied - zone strongly mineralized Q-carbonate rich layers with much py + sl. cpts. - zones with white + ochreous tremolite with SKARN - type mineralization - slowly irregular minor folds						
6			① = 9603468		44	17	994	-	9
5			② = 9603469		5110	3660	115%	20	240
4			③ = 9603470		7250	4690	178	38	518
3			④ = 9603471		12%	2460	171	37	1240
2			⑤ = 9603472		10%	3690	175	28	790
1			⑥ = 9603473		2.9%	5390	17.6	62	1790
0			sample ⑥ is a composite of good ore samples across the clump.						
7			mineralized zone - structurally varied - zone strongly mineralized Q-carbonate rich layers with much py + sl. cpts. - zones with white + ochreous tremolite with SKARN - type mineralization - slowly irregular minor folds						
6			① = 9603468		44	17	994	-	9
5			② = 9603469		5110	3660	115%	20	240
4			③ = 9603470		7250	4690	178	38	518
3			④ = 9603471		12%	2460	171	37	1240
2			⑤ = 9603472		10%	3690	175	28	790
1			⑥ = 9603473		2.9%	5390	17.6	62	1790
0			sample ⑥ is a composite of good ore samples across the clump.						
7			mineralized zone - structurally varied - zone strongly mineralized Q-carbonate rich layers with much py + sl. cpts. - zones with white + ochreous tremolite with SKARN - type mineralization - slowly irregular minor folds						
6			① = 9603468		44	17	994	-	9
5			② = 9603469		5110	3660	115%	20	240
4			③ = 9603470		7250	4690	178	38	518
3			④ = 9603471		12%	2460	171	37	1240
2			⑤ = 9603472		10%	3690	175	28	790
1			⑥ = 9603473		2.9%	5390	17.6	62	1790
0			sample ⑥ is a composite of good ore samples across the clump.						
7			mineralized zone - structurally varied - zone strongly mineralized Q-carbonate rich layers with much py + sl. cpts. - zones with white + ochreous tremolite with SKARN - type mineralization - slowly irregular minor folds						
6			① = 9603468		44	17	994	-	9
5			② = 9603469		5110	3660	115%	20	240
4			③ = 9603470		7250	4690	178	38	518
3			④ = 9603471		12%	2460	171	37	1240
2			⑤ = 9603472		10%	3690	175	28	790
1			⑥ = 9603473		2.9%	5390	17.6	62	1790
0			sample ⑥ is a composite of good ore samples across the clump.						