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Postboks 3021, N-7441 Trondheim

Rapportarkivet

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Tittel

Exploration in Killingdal - Menna Ore Field, Røros, Norway

Forfatter	Dato År	Bedrift (Oppdragsgiver og/eller oppdragstaker)
Røsholt, Bernt Wilberg, Rune	2001	Crew Norway AS

Kommune	Fylke	Bergdistrikt	1: 50 000 kartblad	1: 250 000 kartblad
Røros Holtålen	Sor-Trøndelag		17203 17204	Roros

Fagområde	Dokument type	Forekomster (forekomst, gruvefelt, undersøkelsesfelt)
Geologi Geokjemi		Killingdal Menna Kjøli Tjønnvollmyra Jensåsbekken Svartbekken Unsgardsåsen (Børklepp) Folldalen Rotjonna Gullhåen Moavollen Andåa Stillbankan Holdsjøhogda Bønsbudalen Tverrdroya Almåsen Sandbekken Litlrena Rennsjøen Storhogda Blåhåmmårbekken
Råstoffgruppe	**Råstofftype**	
Malm/metall	Zn Cu	

Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse

In total 23 targets have been followed up in the Killingdal - Menna ore fields during 2000 and 2001. One of the targets, Tjonnvollmyr (50)was drilled in 2001. Se separate report. Ten of the targets (53, 60, 62, 64, 65, 66, 67 70, 71 and 72) turned out with negative conclusions and no follow up is recomended.

Two of the targets (56 and 59) should only be followed up under the condition that the respective adjacent targets turn out positive.

The remaining 11 targets 50, 51, 52, 54, 55, 57, 58, 61, 63, 68 and 69) warrants various levels of follow up of digging and detailed geological survey, DOB sampling, Auger sampling, VLF and Mag survey, Trancient EM survey and core drilling.

EXPLORATION IN

KILLINGDAL-MENNA ORE FIELD, RØROS

NORWAY

2001 Bernt Røsholt,
Rune Wilberg

Contents

Enclosures:

1. Summary of results of ore samples from Killingdal-Kjøli ore field 1998
2. DOB Results from Tjønnvollmyran, Jensåsbekken and Svartbekken.
3. Rune Wilberg field report 2000.

4. Rock analysis 2000-2001.
5. DOB results Jensåsbekken 2000.
6. DOB results Killingdal-Menna ore fields 2001.
7. DOB results Svartbekken 2000.
8. Auger results Stillbankan.
9. Auger results Almåsen.
10. Stream sediment sample results Blåhenbekken
11. Target list

Røros-Meråker District

Fig. 1

Killingdal-Menna-Kjøli ore field, Røros.

Summary, background.

This paper gives a presentation of the Killingdal-Menna-Kjøli ore field. First a short history of the mining is given, followed by a description of the geological setting regionally and locally. In 1998 an exploration campaign was started with a detailed mapping and sampling of all mines and prospects of the area. This basic study was followed up by a helicopter survey in 1999 covering 1240 km^2. The helicopter survey produced several combined EM/Mag anomalies over known mines, close to known mineralizations and in virgin areas. Several of the anomalies have been followed up by geophysical ground surveys and deep soil sampling in 2000 and 2001. One of the targets, Tjønnvollmyran, was drilled winter 2001, see separate report. This report describes the targets up to the drilling stage or to a conclusive status.
The Killingdal-Menna-Kjøli ore field, Røros, is located in the Røros-Meråker Mining Province, Central Norway; see fig. 1. This ore field, fig. 2, is located 20-50 km N and NNE of Røros Town. It is including the two abandoned mines Killingdal and Kjøli that have produced around 3.25 mill. tonnes of ore. (Rui 1998).

History.

Killingdal mine was found 1674 and closed down March 1986, the last mine to be closed down in the Røros mining district. The average content of the ore was 1,8% Cu and 5,5%Zn. Kjøli mine was found 1776 and mined intermittently until 1941 with the average of 1,9%Cu, 44%S and 0,2%Zn. See geological map fig 2. A number of 31 small mines and prospects are in addition also registered in The Killingdal-Menna-Kjøli ore field. Several of the 31 small mines and prospects are mainly located near the Tydal thrust. Many prospects are, however, also scattered over the whole area, mostly in Røros schist, but also in Gula schist and in green schists (Hersjø Formation) to the west.

Regional Geology.

The Cambro-Silurian rocks of the Røros-Meråker district make up the southeastern limb of a large and complexly folded synformal structure composing the Trondheim Region. The rocks belong to the Upper Allochton of the Scandinavian Caledonides.

The geology is characterized by a series of low-angle thrusts, or nappes, which dip gently towards the west. Lithologically, the rocks represent a lateral transition from epiclastic rocks along the former margin of the Baltic Shield to the east, through calcareous-pelitic shelf sediments to predominantly volcanogenic rocks of the Iapetus Ocean in the West. During the Caledonian Orogen in Silurian times, this lateral facies-transition piled up into a series of major nappe sheets, which roughly placed the various lithofacies on top of each other.

The Røros district is bordered to the West by a major thrust, the Tydal Thrust, which separates rocks of predominantly volcanogenic origin in the West from the primarily sedimentary rocks in the East.

The Lowermost nappe sequence consists of a thick succession of epiclastic sediments (sparagmites) and augen gneisses. Overlying these Eocambrian rocks is the *Hummelfjell Formation*, which includes a generally sedimentary sequence of quartzites, quartz mica schists, and graphite schists, with minor associated mafic tuffs.

Project:
Røros Zinc Project

Title:
Figure 2:
Regional geological map, Killingdal trend

Approval:	Design:	Date:
BR	KA	Jan. 2002

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•Falkfangarvola
•Alen
Svartbekken grid
Tjønnvollmyra grid
Jensåsbekken grid
•Storskarven

Geological Legend
- Fjellsjø and Kjurrudal Formations
- Hersjø Formation
- Gula Group (Gula Schist)
- Intermediate intrusive rocks
- Mafic Intrusive Rock
- Røsjø Formation
- Røros Formation
- Hummelfjell Formation
- Historical Development
- Diamond drill holes, 2001
- Target area

Fig 2

Wolff (1978) correlated the Hummelfjell Formation with the *Slågan Group* in the northerly Meråker district.

The Hummelfjell formation is overlain by the *Røros Formation*, correlated with the Kjølhaug group in the Meråker area, and subsequently with the *Røsjø Formation*, consisting of a thick sequence of calcareous, grey to greenish phyllite and greywacke. The more westerly Røsjø formation appears a little less calcareous than the Røros formation and has a more pronounced banding, with a few interbedded layers of volcanogenic rocks, although the two do not differ much in composition or appearance (Rui & Bakke 1975). These Røros and Røsjø metasediments are locally heavily invaded by pre-metamorphic gabbro sills.

Overlying the Røros and Røsjø formations is the *Dalsbygd Group* in the Røros area and the *Sulåmo Group* in the Meråker area which consist of phyllites, metasandstone, marble, conglomerate, and thin beds of greenstones and quartz keratophyre.

The Hersjø formation is the next in succession, and consists mainly of basic volcanogenic rocks (greenstones and greenschists) with minor horizons of acidic volcanic tuffs and flows.

The Gula group (Gula nappe), which caps the whole greenstone belt, includes a large succession of sediments, with minor thin beds of mafic volcanics (amphibolites). The Gula group has been considered to represent the oldest, assumed Late Precambrian/ Cambrian member of the partly inverted stratigraphical succession, pre-dating the volcanogene Hersjø formation of probable Lower Ordovician age.

It is possible, although not proven, that the rocks of the Gula Group have been overturned, and belongs to a large recumbent nappe with roots far to the west; and thus the Slågan group and the Hummelfjell formation represent the youngest members of the supposed inverted succession.

The interpretation of the area has been challenged by work recently started in the Otta area. Papers by Sturt et al. (1991 and 1995) and Bjerkgård & Bjørlykke (1994) suggest a major reinterpretation of the stratigraphy of the whole area. Rather than forming part of an isolated nappe, the Hummelfjell unit is now correlated with the Heidal series of the Otta area, and both are regarded as equivalents of the lower part of the Gula group. The rocks outcropping between the Gula and the Hummelfjell are considered metasediments of Ordovician age. The Dalsbygda, Fundsjø/Hersjø and Aursund groups plus the upper Åsli formation are now grouped together into the Sel group. This is a single package of Ordovician sediments and volcanics, lying in the core of a major fold structure, of Scandian age. The three thrust planes lying between the Gula and the Hummelfjell units are not recognized. The tectono-stratigraphy of the area thereby is greatly simplified.

Most of the rocks in the area are metamorphosed in greenschist facies. Contact metamorphic rocks surrounding gabbro intrusives include hornfelses as well as cordierite- and andalucite-bearing rocks.

The structural geology and deformation history is treated separately in a report by P. Witt-Nilsson

Local Geology.
Most of the mines and prospects in the Killingdal-Menna-Kjøli ore field are located close to or in the Tydal thrust zone, see fig. no 2 and enclosure no 1, "Summaries of results of mines and prospects in the Killigdal-Menna-Kjøli ore field".
The Hersjø Formation. (Rui 1975).
The meta-volcanics of the Hersjø Formation crop out along the eastern slope of Kjølifjellet, Blåhammaren Falkfangarvola. The main rock types are green hornblende schists (greenstone), occasionally interbanded with light grey, quartz-albite schists (quartz keratophyres).
The greenstones are fine-grained and chiefly composed of acicular hornblende and sodic plagioclase. Chlorite, epidote minerals, and calcite are usually present in subordinate amounts; biotite is rare.
The Kjurudal and Fjellsjø Formations. (Rui 1975).
Within the map area the two formations have not been differentiated. The rocks consists of dark, rather homogeneous phyllites. These constitute the base of the steeply rising Kjølifjellet, partly occurring above, and partly below, the thrust plane between Menna and the Grønnskar mine area.
Essential constituents are quartz, biotite, chlorite, and muscovite. Black graphitic varieties are frequently encountered. Calcite, epidote minerals, and sodic plagioclase may be present in subordinate amounts. (Rui 1975).

The Røros Formation:
Extensive areas east of the Røsjø formation are underlain by a series of calcareous, argillaceous to subarenaceous mica schists, earlier named "Røros skifer" (Rui & Bakke 1975). More rarely, the beds pass into more massive arenaceous types.

The Røros formation often exhibits a weak to distinct compositional banding related to variations essentially in the quartz and carbonate contents. The individual beds usually range from about 0.5-10 cm in thickness, though several dm-thick, quite massive layers may occur. The colors of the rocks usually vary from gray to light gray, or grayish green.

In addition to quartz and biotite, the ordinary Røros schists usually carry abundant, though variable, amounts of muscovite, chlorite, and carbonate, and lesser amounts of sodic plagioclase and epidote minerals. Biotite, hornblende and garnet are frequently developed as larger porphyroblasts, e.g. in the typical biotite porphyroblast-bearing "Stuedals-skifer" and the hornblende garben schists.

Conformable sheets and lenses of fine- to coarse grained saussuritic gabbros are frequently intruded into the Røros formation, and bodies of serpentinite and other ultramafic rocks occur along its base.

The Kjølhaug group of the Meråker area is correlated with the Røros formation, and comprise a thick sequence of gray-green phyllites, phyllitic greywackes and greywackes (often banded), partly conglomeratic, and less calcareous than the Røros formation to the south. The less calcareous nature might mean that the Kjølhaug group should be correlated with the Røsjø formation.

The Kjølhaug group is frequently intruded by gabbro sills.

The Røsjø Formation:
The Røros formation is transitionally grading into the overlying Røsjø formation, which can be followed from Tolga to the Kjøli area (about 70km). The formation is

composed of two members (Rui & Bakke 1975). In the lower part finely banded and laminated gray to grayish brown metaargillites predominate. Characteristic are thin, but distinct, green interlayerings, which are usually less than one cm thick.

The metaargillites are chiefly composed of quartz and biotite with subordinate amounts of sodic plagioclase, clinozoisite, and chlorite. The thin green beds consist of hornblende, sodic plagioclase, and quartz in varying proportions. It remains uncertain whether these bands represent volcanoclastic sediments or contemporaneous pyroclastic volcanics (Rui & Bakke 1975).

In the higher parts of the Røsjø formation the beds usually become increasingly massive, and consist mainly of metagreywackes. The chief constituent is quartz, but sodic plagioclase may be present in substantial amounts. The variable distribution of the dark coloured minerals, i.e. notably hornblende, epidote minerals, and chlorite, are responsible for the variable gray to greenish colour of the rocks. Hornblende is commonly developed as tiny, needle-shaped porphyroblasts, often about one cm long. Green beds of hornblende-rich schists, from a few cm to a few dm in thickness, are also found within this part of the succession. Petrographically they are similar to the greenstones from the Hersjø formation (Rui & Bakke 1975).

The Gula Group. (Rui 1975)
The Gula Group crops out on barren, high mountain areas to the west of the Tydal Thrust (Fig.2). The rocks are mainly composed of fine-grained, brown weathering quartz-biotite schists. Locally there are more quartz rich, arenaceous types, which some times exhibit various types of primary sedimentary structures, particularly grading and load casts (Rui 1972).
The metamorphism increases towards the west and north-west. Staurolite and kyanite-bearing meta-argillites have been described by Kisch (1962) in his "Heimvola zone" to the north-west of Falkfangarvola (Fig.2). To the west of the Veundsjøen, The Gula schist grade into andalusite- and cordierite-bearing rocks bordering the Hyllingen gabbro complex (Fig 2). The contact zones here are overprinted by regional amphibolite facies metamorphism (Birkeland & Nilsen 1972).
The upper part of the Gula Group is composed of mica schists, greenish meta-marls, and green tuffitic bands in rapid alternation, suggesting the onset of volcanic activity. The uppermost Gula unit is a strongly deformed quartzite conglomerate, which is locally associated with a calcite marble. Similar conglomerate beds have also been found to the south of Veundsjøen, lower down in the Gula schists.
The Gula Group of rocks in the present area should be correlated with the upper eastern part of the Gula Group in the Tydal-Selbu area (Olesen et al. 1973), which contains similar conglomerate beds and marbles. The conglomerates are in turn correlated with the Gudå Conglomerate further north in Meraker (Wolff 1967).

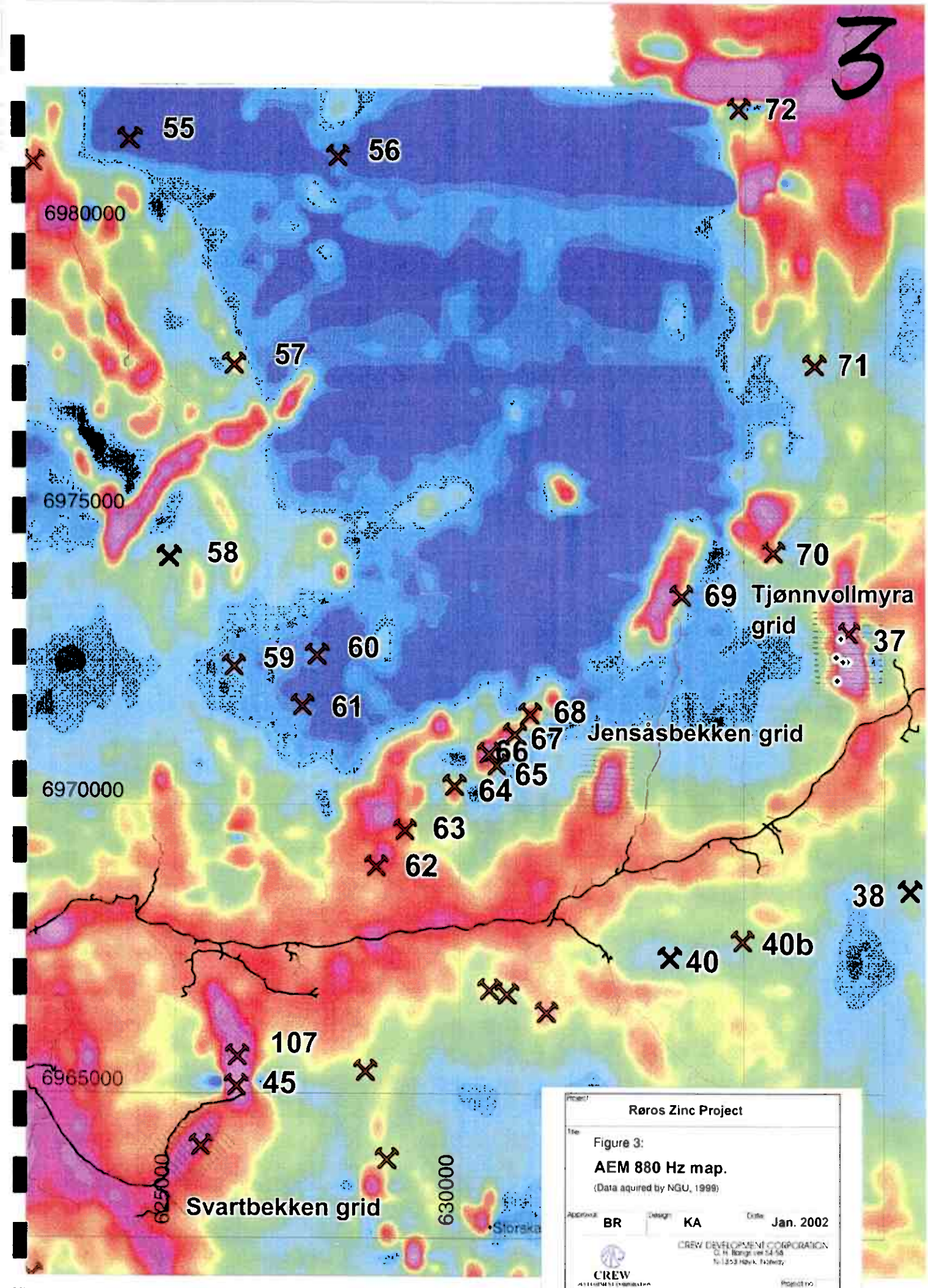
Exploration Campaign 1998.
In 1998 Mindex ASA (which in December 1999 merged with Crew Development Corporation) carried out an exploration campaign in the whole Røros-Meråker region. (Wilberg & Røsholt 1998). All mines and claims were visited, described and sampled. Grab samples of representative ore types were collected and analyzed for 34 elements, and a data base for all visited locations has been worked out. The table, enclosure no1, shows results of the selected elements Au, Ag, Cu, Pb, Zn, As and Fe for the mines and prospects in the Killingdal-Menna-Kjøli ore field.
The Killingdal-Menna-Kjøli ore field is selected as a separate target area constituting of 32 prospects and mines. See fig 2 and 3.

In the Røsjø formation and partly the Hersjø formation in the vicinity of the Tydal thrust the following mines and prospects are found:
45. Killingdal, 62. Svenskmenna, 63.Rørosmenna, 64. Guldal mines, 69. Kjøli grube, 70. Midtgruben, 71. Grønskar and 72. Allergodt mines.
107. Killingdal North, 46. Skargruben, 65.Godthåb, 66.Godthåb north, 67. Jensåsbekken west and 68. Jensåsbekken prospects.
The Røsjø formation is regarded as a fertile sedimentary formation hosting rich volcanogenic Zn-sulphide deposits. In the sequence of metasediments some sills of metagabbro occur. Ore deposition is frequently linked to the gabbro sills, however, near the Tydal thrust in the Røsjø formation the occurrence of gabbro sills seems to be less dominating.

The following prospects are located in the Røros formation:
37. Tjønnvollmyran (Lille Gula), 38. Stømnbekken and 40. Bønskneppen.
Two of the prospects, no. 37 Tjønnvollmyran and 68, Jensåsbekken in the Røros formation are on the follow up list for 2000 and 2001.
Some follow up work has been carried out at Jensåsbekken (67, 68), Svartbekken (south of 45 Killingdal) and at Sjursvollen (about 5km SW of 45, Killingdal).
Among these mineralizations, the Stømnbekken (38) holds an anomalous grade for this area, in the order of 10 % Zn, 2 % Cu, and 3.5 %Pb.

The following mines (Nos. 49, 50, 51 and Rauhåmmåren located between no 54 and 55) and prospects:
49. Storhøgdgruben, 50. Fromgruben, 51. Rogngruben, 52. Litlrena, 53. Kårslått, 54. Hultrå, 55. Skjellåfjellet (in gabbro), 58. Holdsjøhøgda, 59. Gamle Folldalsgrube, 60. Menntjønna, 61. Øvre Børklepptjørna, and 106. Taraldsbakken are located in the Hersjø formation
The following prospects are located in the Gula schist (Gula Group):
56. Heina (Veunda) and 57. Blåhenbekken.

Ore deposits.
Compared to the "Nordgruvefeltet" mainly located in the Røsjø formation to the south, the Killingdal - Menna -Kjøli ore field also is chiefly located in the same formation, but near to the Tydal thrust. On the western side of the Tydal thrust, the volcanogenic rocks of the Hersjø formation and phyllitic rocks with frequent occurrence of graphite schist of the Kjurudal and Fjellsjø formations are found. In a contrast to the sulphide mineralizations in the Røros and Røsjø formations, the EM anomalies in this environment may be caused by the conductive black schists. The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Tjønnvollmyra
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Svartbekken grid
Storska
Røros Zinc Project
Figure 3:
AEM 880 Hz map.
(Data aquired by NGU, 1999)
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most common stratigraphical location of the graphitic horizons is in the contact between the greenschists (Hersjø formation) and phyllites (Kjurudal and Fjellsjø formations). It is also common to find graphitic schist along the contact between the Hersjø and Gula formations. Very little drilling has been made along the Tydal thrust except for some drilling in the Menna and Kjøli mines. Only four drill holes have been sunk near the outcropping of the Killingdal mine. In addition to the ore deposits linked to the Røsjø formation, a number of 3 prospects are registered in the Røros formation. One of these prospects, no. 37 Tjønnvollmyran is on the follow up list.

Killingdal mine is the largest deposit in the area, and almost 3 mill tonnes of ore grading 1,8%Cu, 5,5%Zn and 42%S has been extracted. The deposit was put in operation 1677 and worked more or less continuously until 1986 when it was closed down. Around the turn of the last century, 1891-1919, 430000 tonnes of ore was produced. Two categories of ore was recognized: Ore type A, grading 42%S, 1,85%Cu and 2%SiO_2 with only small amounts of zinc. Ore type B, grading the same as A, but with a higher zinc-content. At that time it was no market for zinc, and the zinc harmed the extraction process for copper and sulfur and was consequently put in temporary waste dumps for later extraction, which never took place. Only copper and pyrite concentrates were produced until 1953 when a milling and flotation plant was built to make flotation concentrates of copper, zinc and pyrite. The plant was located by the Trondheimsfjord about 130 km by rail north of the mine.
The deposit has a pronounced ruler shape more than 3000m long. When it was decided to bring the production to a final halt, it was still good ore in the bottom of the mine at 600m below sea level. It dips 40^0 to the west and consists of two ore bodies with characteristic differences. One ore body contains about 1,1%Cu and 7%Zn for a sulfur content of 25%. The other orebody contains about 1,1%Cu and only 3,5%Zn. The sulfur content of this ore is 42%. Similar zonation have been observed also at the Røros-Nordgruvefeltet and Storwartz ore Fields and clearly confirms that many of the stratiform sulphide deposits have a distinct zoned appearance.
The ore itself is strongly folded imbedded in phyllite, which close to the ore is altered to a grey-white hard quartz-sericite schist 0,5-1,5m in thickness with pyrite disseminations. It is surrounded by a rather thick chlorite schist which in places has strong chalcopyrite disseminations. The quantitatively most important ore minerals are pyrite, sphalerite, and chalcopyrite. In smaller amounts pyrrhotite, galena and arsenopyrite occur. Both ore bodies, the Northern and the Southern have a shape as long narrow rulers with average thickness at 2 and 3,5m respectively. The widths of the ores are in average 20 and 60m.
The surface size of a 40^0 dipping orebody of the Killingdal size would be around only 200 m^2. It should be kept in mind that this is a very small target and that it easily could be missed.

The second largest mine in the Killingdal -Menna - Kjøli ore field is the Kjøli mine. It was first found 1776 and mined in periods until 1941. Totally 250000tonnes of ore was extracted with a content of 2,35%Cu, 0,17%Zn, 45,9%S and 0,8 and 40 ppm Au and Ag respectively. South-West of Kjøli mine, the small but Zn-rich Røros-Menna and Svensk-Menna mines occur. North-East of Kjøli the small mines Midtgruben, Grønnskar mines and Allergodt mine occur. Grønnskar mines are like the Kjøli mine with good copper grades and low zinc grades, while the Allergodt mines shows the reverse ratio. Midtgruben shows about equal range in copper and zinc contents. The sulphides usually occur as thin discrete zones or sheets, which may show considerable

lateral extension in different, often closely spaced, stratigraphic levels. There are no indications of repetition by isoclinal folding. Sometimes the sulphide zones swell into irregular lenses, which occasionally exceed one meter in thickness (e.g. maximum 2-3m in the Kjøli mine, and 2m in the Svensk Menna). These small sulphide bodies formed the basis of the earlier mining activity of the area. (Rui 1975).
Apart from the 3km long ruler shaped Killingdal ore body, most of the other ore bodies in the area are shaped as sheets or lenses.

Helicopter Survey 1999. Results.
The advantage of EM survey in the Røros Field for massive sulphide deposits is that the environment is practically without graphite horizons. However, in the Killingdal - Menna - Kjøli ore field some graphite horizons do occur in the Kjurudal and Fjellsjø formation limited to the sediments of the western part of the ore field.

Quite distinct EM response of the known deposits Killingdal (45), Svensk Menna (62), Røros Menna (63),Guldal (64), Godthåb and Godthåb N (65,66), Jensåsbekken west (67), Jensåsbekken (68), Kjøli (69), Midtgruben (70) are showing up on the 880Hz Horizontal Coplanar coil anomalies over central parts of the area. See fig no 3. Five EM-anomalies, partly coinciding with magnetic anomalies and some other targets have been picked out for different levels of follow up the fall of 1999, 2000 and 2001 season:

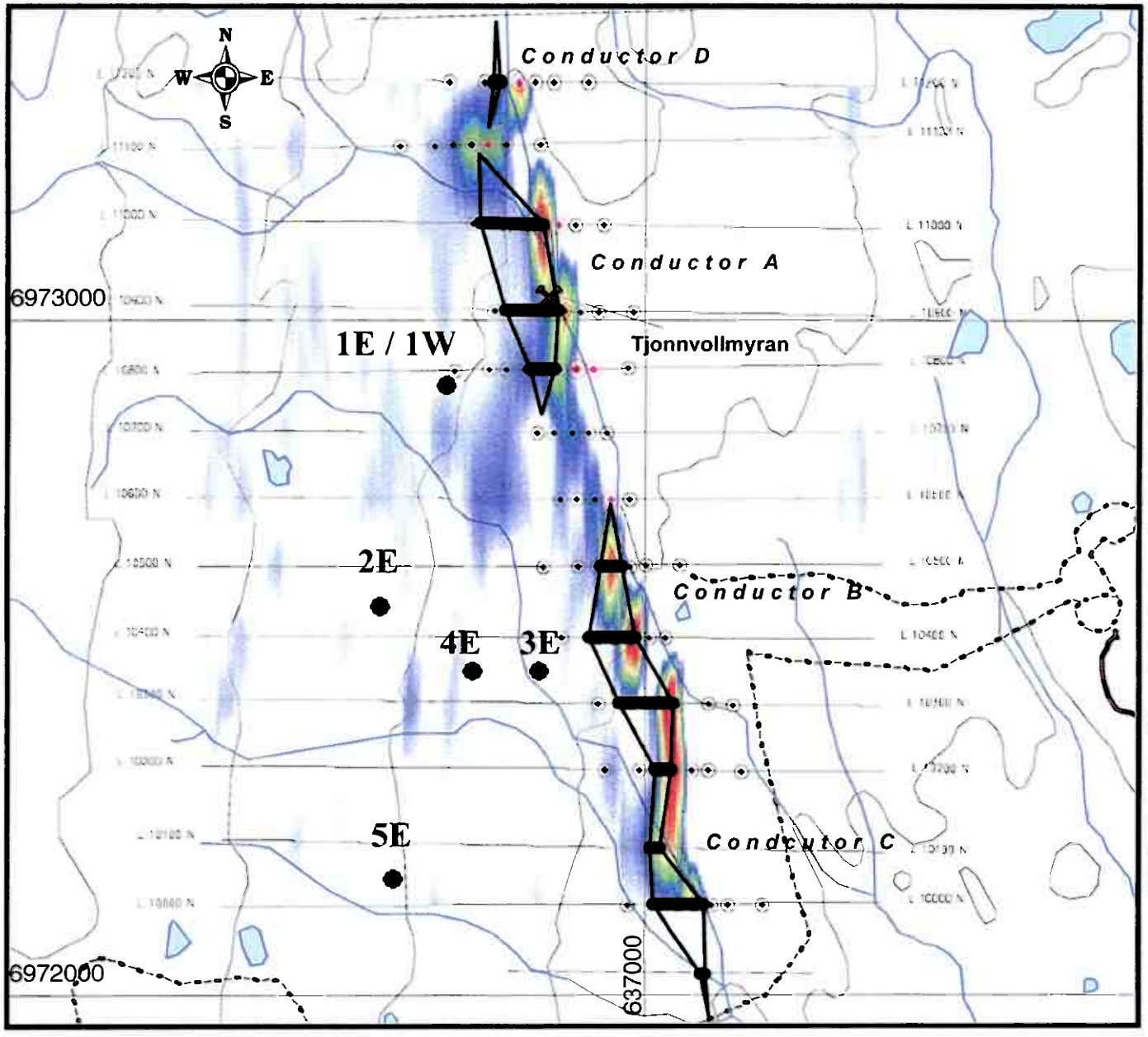
Presentation of individual targets.

Each individual target is presented with results and a proposal further follow up if required.

Target no 50 Tjønnvollmyran. (Claim no 37). UTM area: 36,3-37,4E/71,8-73,4N.
Tjønnvollmyran area is located 2-3 km SE of Kjøli mine and exhibits a nice anomaly picture of combined HLEM, soil anomalies and the old prospect Tjønnvollmyran. The soil anomalies are, however, rather modest compared to the pronounced HLEM-anomalies. In this respect it should be noted that the conductor is located approximately from the outcropping of the mineralization and up to 100m to the west. The helicopter EM-picks over the Tjønnvollmyran conductor is located 80-200m to the west of the presumed outcrops of the mineralization. Samples from the Tjønnvollmyran prospect shows a muscovite rich schist with numerous sheets of chalcopyrite from 0,x-15mm in thickness.
The detailed geological map prepared by Rune Wilberg, fig 5 and enclosure no 3 shows that the presumed outcropping of the mineralization exhibits a 15-30m wide band of a chlorite and muscovite-sericite schist. This schist is enveloped by a fine grained muscovite dominated schist with biotite porphyroblasts and on each side its width is from 50 to 180m. On the Outside of the package is surrounded by a medium grained biotite dominating schist.

In 2000 NGU, Norges Geologiske Undersøkelse (Norwegian Geological Survey) carried out ground geophysical surveys (HLEM, VLF and Mag) over Tjønnvollmyran target. (NGU 2000, Crew internal report). Profile distance 100m.
Deep soil samples have been collected along the same profiles as the ground geophysics over the HLEM anomalies. Fig no 4 shows the results of the combined HLEM, geochemical anomalies. Enclosure no 2 exhibits the complete analysis of the soil samples from Tjønnvollmyran.
Detailed geological mapping over the target area Tjønnvollmyran, See fig 5 and enclosure no 3, field report of Rune Wilberg. In his field report, Mr. Wilberg also describes several other targets in the area, which have been followed up with reconnaissance geology and DOB sampling. These areas are described individually below. Assay results of rock samples collected in the different target areas are presented in enclosure no 4. Six samples, no 399595, 399596, 400135, and 40018-20 are collected from Tjønnvollmyran target. A geological field map from Tjønnvollmyran by R. Wilberg is enclosed in enclosure no 3.
In 1955 Geofysisk Malmleting, (see Brækken 1955, internal report no 108), covered a large area around the Kjøli mine with a Turam survey. See fig 6. The survey did not extend far enough to the east to cover the Tjønnvollmyran prospect, but the shallow dip and likely continuation of the mineralized zone at about 13^0 is well covered. It is pointed out in the report that a very strong anomaly at a depth of approximately 350m is located about 2,2 km to the west of the 2000 EM ground anomaly and outcropping of the mineralized zone. The anomaly is also located at gradually shallower depth towards the Tjønnvollmyran EM anomaly, so this old Turam anomaly may very well coincide with EM anomalies from the helicopter and ground survey from Tjønnvollmyran.

Tjonnvollmyran Geophysical & Geochemical Compilation



Tjonnvollmyran Grid

Claim no.: 37 / Target no.: 50

VLF-EM - HLEM(3520Hz) And Zn DOB Geochemistry

HLEM 3520 Hz

- Conductor Outline
- Conductor

Zn DOB Geochemistry

- 151 to 300 ppm Zn (1)
- 94 to 150 ppm Zn (5)
- 7 to 94 ppm Zn (73)

Deposit Legend

- Historical Occurrence
- Drillhole 2001

Fig 3

Detailed geology, Tjønnvollmyran grid

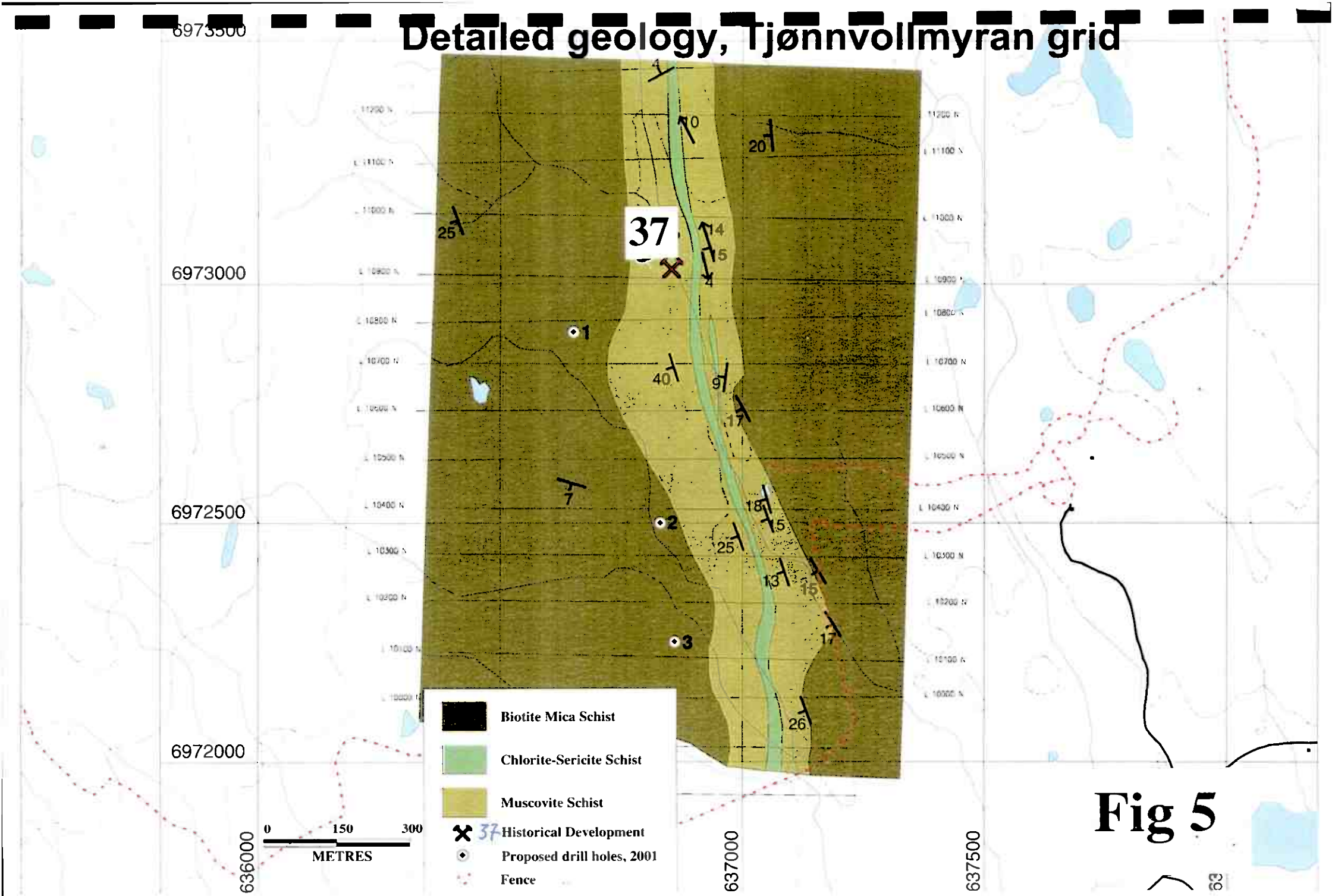
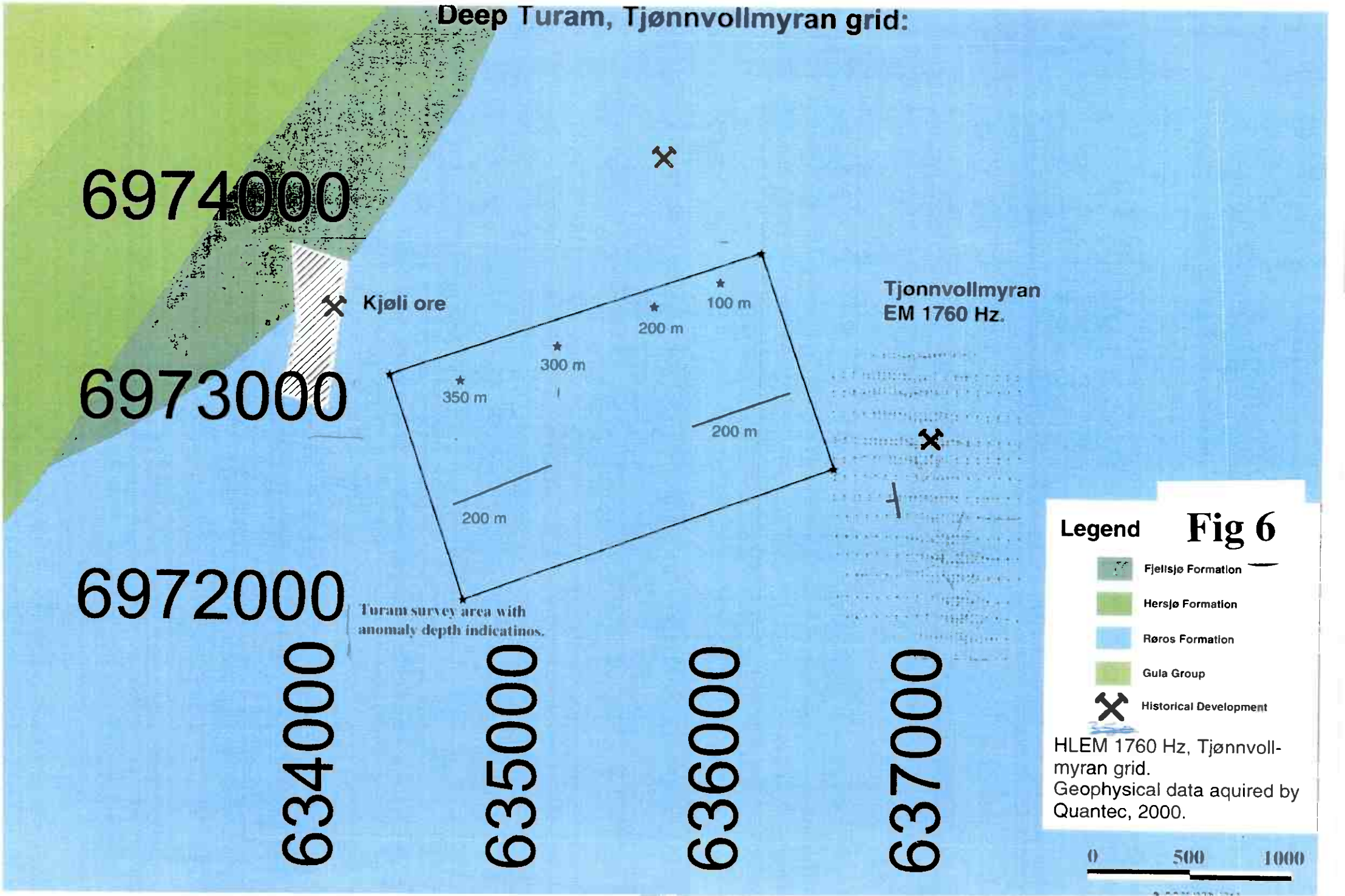


Fig 5


Deep Turam, Tjønnvollmyran grid:
6974000
6973000
6972000
6340000
6350000
6360000
6370000
Kjøli ore
Tjonnvollmyran
EM 1760 Hz.
100 m
200 m
300 m
350 m
200 m
200 m
Turam survey area with
anomaly depth indicatinos.
Legend
Fig 6
Fjellsjø Formation
Hersjø Formation
Røros Formation
Gula Group
Historical Development
HLEM 1760 Hz, Tjønnvoll-
myran grid.
Geophysical data aquired by
Quantec, 2000.
0
500
1000

Tjønnvollmyran is regarded as a promising target when it is correlated to the Storwartz ore field located 10 km NE of the town Røros. Both mineralizations are hosted in Røros schist in the Røros formation. Storwartz ore field is striking EW with a strike length of four kilometers. It has also a zonation in the metal distribution from east to west with a high copper/zinc ratio in the east, Olavsgruben and Solskinn mines have in situ grades 4% Cu and 3% Zn, whereas the westerly, Old and New Storwartz mines have 1,5% Cu and 12% Zn. The mineralization at Tjønnvollmyran prospect has a very high copper/zinc ratio with 6,4% Cu and 0,7% Zn.
A separate report with results is prepared for the drilling operation that took place in March-April 2001.

Target no 51. Jensåsbekken (Claims no 67 and 68). (Also called Bekkøyan). UTM area: 31,9-32,8E/70,0-70,6N.
Jensåsbekken (Bekkøyan), is located 2km SE of the Jensåsbekken (68) and Jensåsbekken West (67) claims. The target ares is clearly located in Røros formation schists, while Jensåsbekken and Jensåsbekken West claims are hosted in Røsjø formation rocks close to the Tydal trust.
The area is chiefly covered by moraine and bogs, especially towards the east. See detailed geological map, fig. 7, and enclosure no 3. Three zones, weakly disseminated with sulphides are observed. It seems that the overall picture of the geology is that the rocks are mainly flatlying.
In 2000 the Canadian contractor, Quantec Geoscience Inc., from Ontario carried out ground geophysical surveys (HLEM, VLF and Mag) over Jensåsbekken target. (Quantec 2000, Crew internal report). Profile distance 100m.
Deep soil samples have been collected both in 2000 and 2001. See enclosure no 5 and no 6 page 3-4 and 14-15.
Fig 8 exhibits the geology and HLEM with DOB sample results. It seems clear that the strongest HLEM anomaly located centrally in the grid does not respond well to the DOB samples. To the west, however, a weaker HLEM anomaly is coinciding with the DOB results. Because of the flatlying nature of the rocks in the area, the main conductor with the strongest HLEM anomaly in the central part may not crop out. Since the HLEM and DOB results are coinciding 300-400m to the west, this may be the outcropping of a mineralized zone. To have a better anomaly picture, this combined anomaly should be extended by DOB sampling of the four profiles in the NW corner with about 40 samples. It should also be followed up with a limited drilling program with four holes totaling 300m. A geological field map from Jensåsbekken by R. Wilberg is enclosed in enclosure no 3.
Analytical results of three rock samples is presented in enclosure no 4.

Target 52, Kjøli S. Claim no 69, Kjøli Grube. UTM area: 33,3-33,6E/73,0-73,2N.
Kjøli South is located about 400m SW of the main adit at Kjøli mines. Only VLF and total mag survey has been conducted in the Kjøli S. grid. It has been followed up with a short geological reconnaissance trip. See enclosure 3, field report by Rune Wilberg. Rui and Bakke(1975): "Massive magnetite with subordinate amounts of sulphides is locally present and is exposed in the South-Western outcrop of the Kjøli I ore body. Bands of massive magnetite has also been recognized underground, usually next to the hanging wall, but also within the massive sulphides. Aasgård 1925."
A strong coinciding mag and EM anomaly is occurring in this area from the helicopter survey.

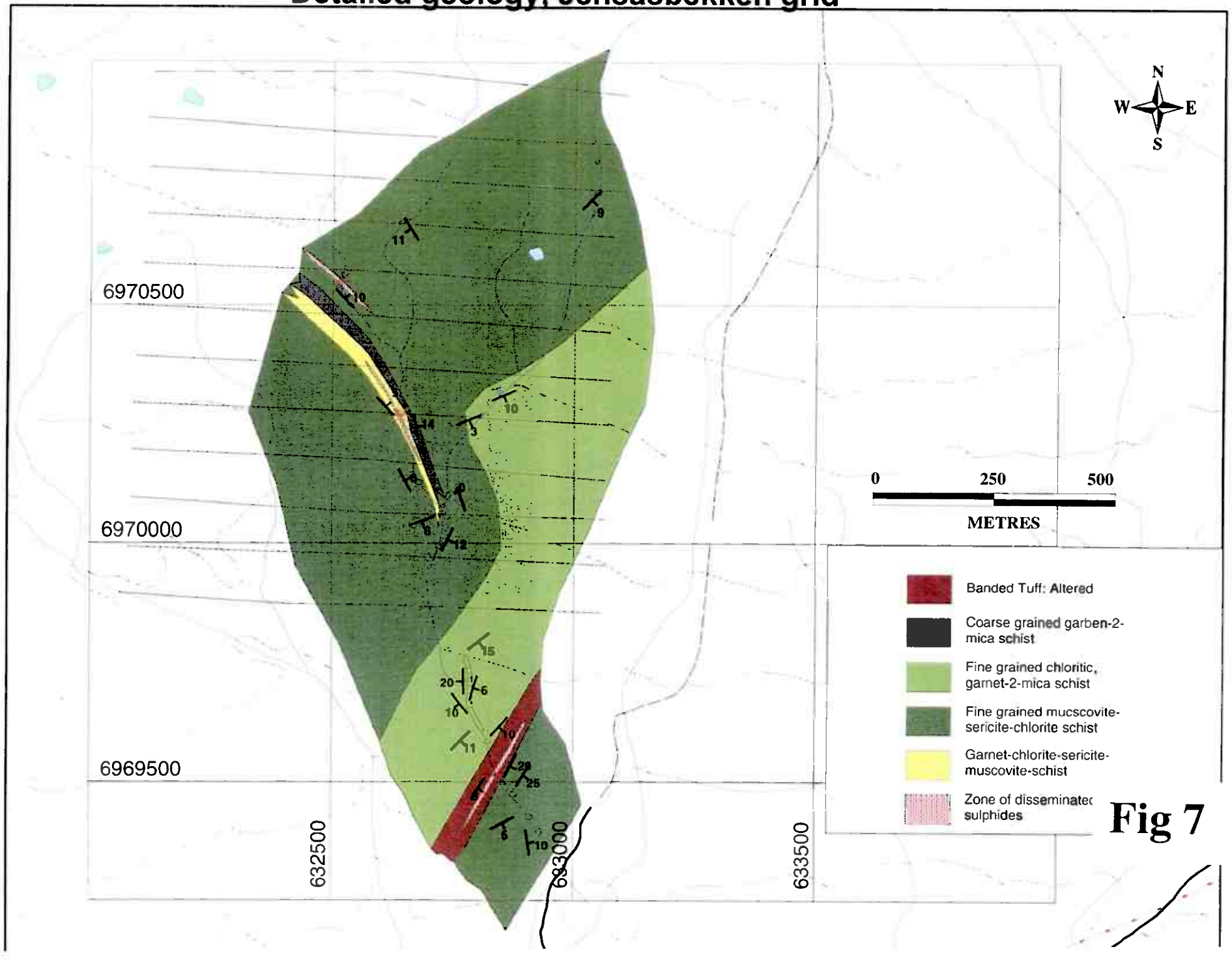
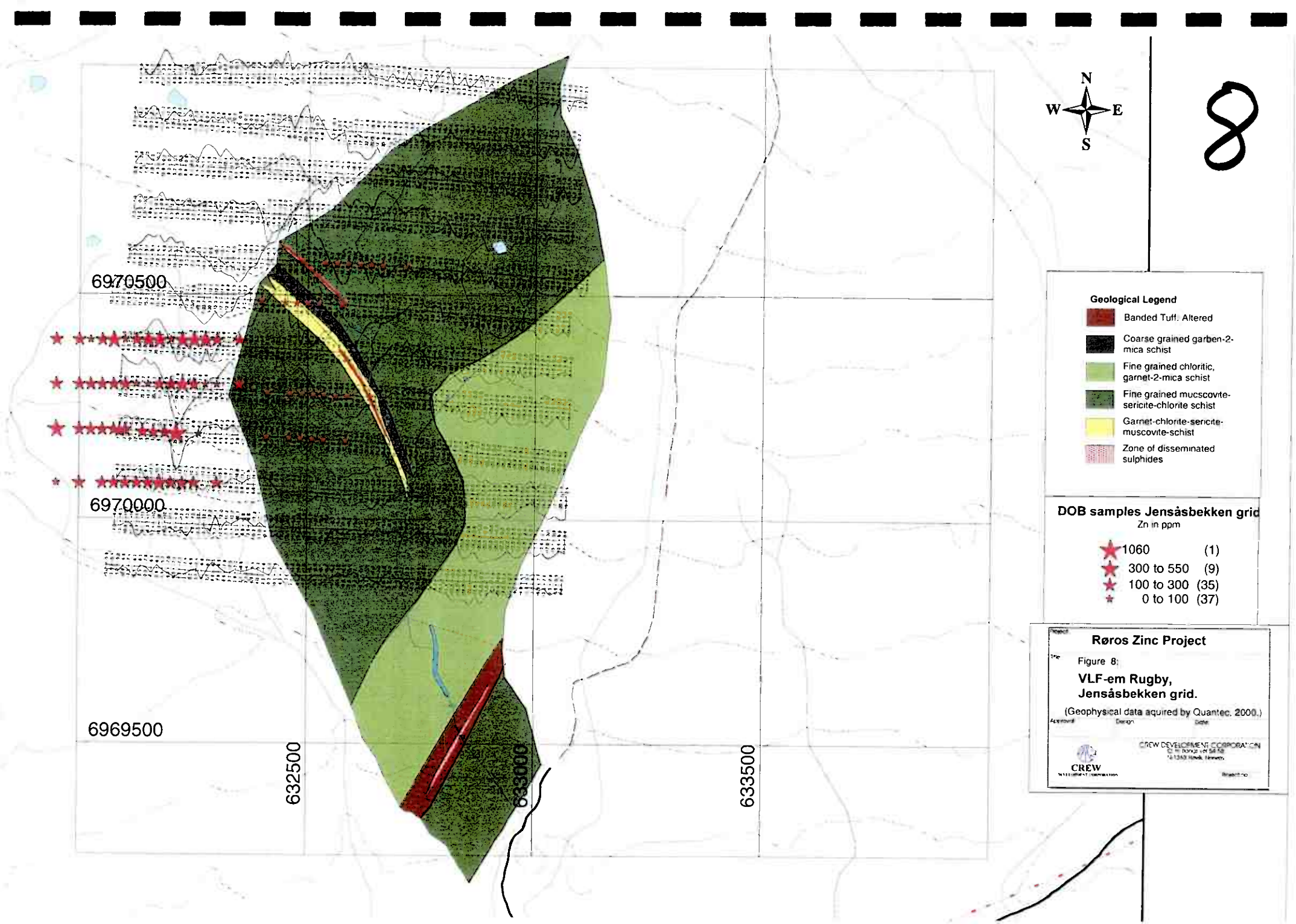
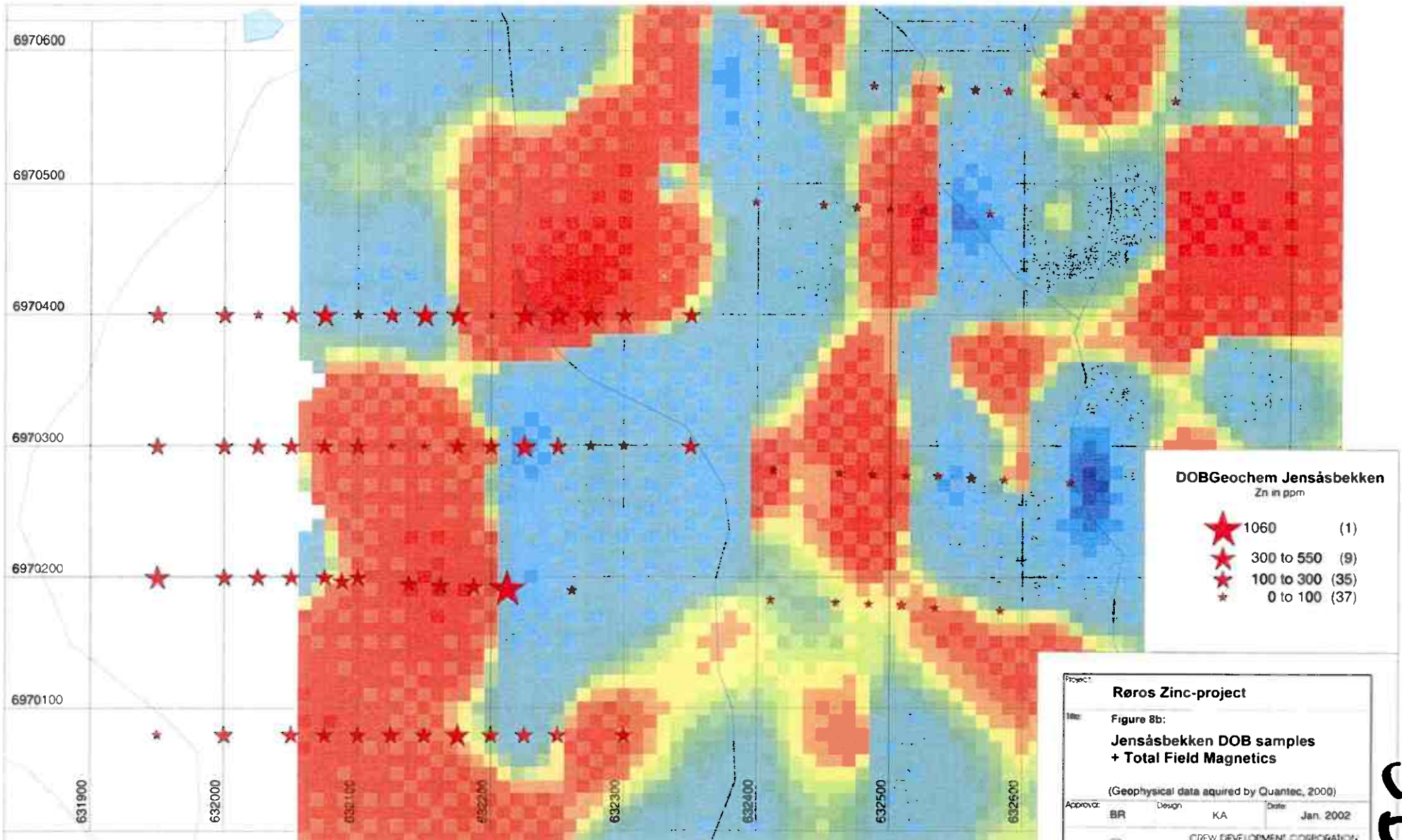

Detailed geology, Jernsasbekken grid
N
W
E
S
6970500
6970000
6969500
632500
633000
633500
0
250
500
METRES
Banded Tuff: Altered
Coarse grained garben-2-mica schist
Fine grained chloritic, garnet-2-mica schist
Fine grained mucscovite-sericite-chlorite schist
Garnet-chlorite-sericite-muscovite-schist
Zone of disseminated sulphides

Fig 7


N
W
E
S
8
6970500
6970000
6969500
632500
633000
633500
Geological Legend
Banded Tuff. Altered
Coarse grained garben-2-mica schist
Fine grained chloritic, garnet-2-mica schist
Fine grained mucscovite-sericite-chlorite schist
Garnet-chlorite-sericite-muscovite-schist
Zone of disseminated sulphides
DOB samples Jensåsbekken grid
Zn in ppm
1060 (1)
300 to 550 (9)
100 to 300 (35)
0 to 100 (37)
Røros Zinc Project
Figure 8:
VLF-em Rugby,
Jensåsbekken grid.
(Geophysical data aquired by Quantec, 2000.)
CREW DEVELOPMENT CORPORATION
CREW


6970600
6970500
6970400
6970300
6970200
6970100
631900
632000
632100
632200
632300
632400
632500
632600
DOBGeochem Jensåsbekken
Zn in ppm
1060 (1)
300 to 550 (9)
100 to 300 (35)
0 to 100 (37)
Røros Zinc-project
Figure 8b:
Jensåsbekken DOB samples
+ Total Field Magnetics
(Geophysical data aquired by Quantec, 2000)
Approved: BR
Design KA
Date Jan. 2002
CREW DEVELOPMENT CORPORATION
CREW

8b

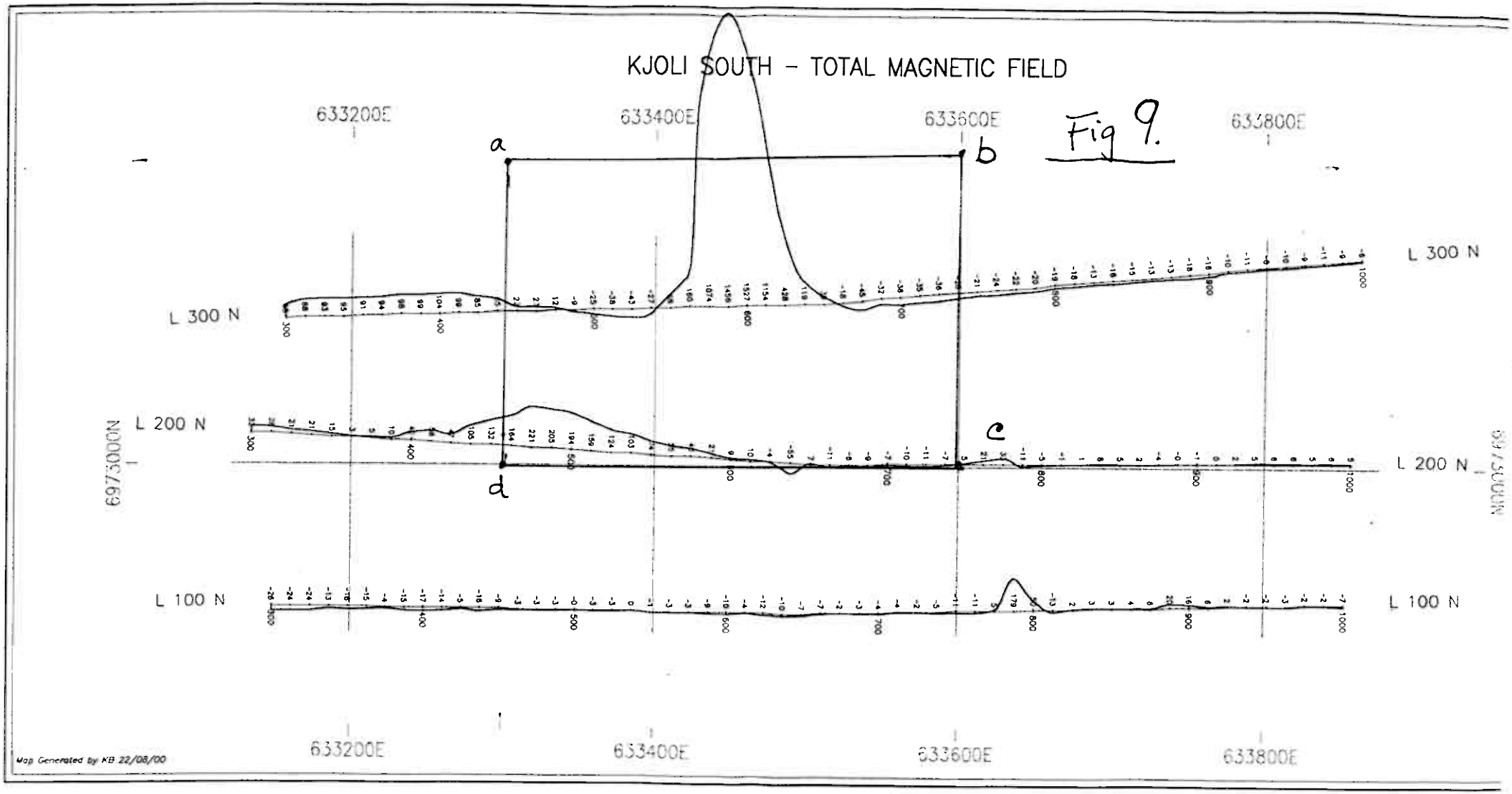
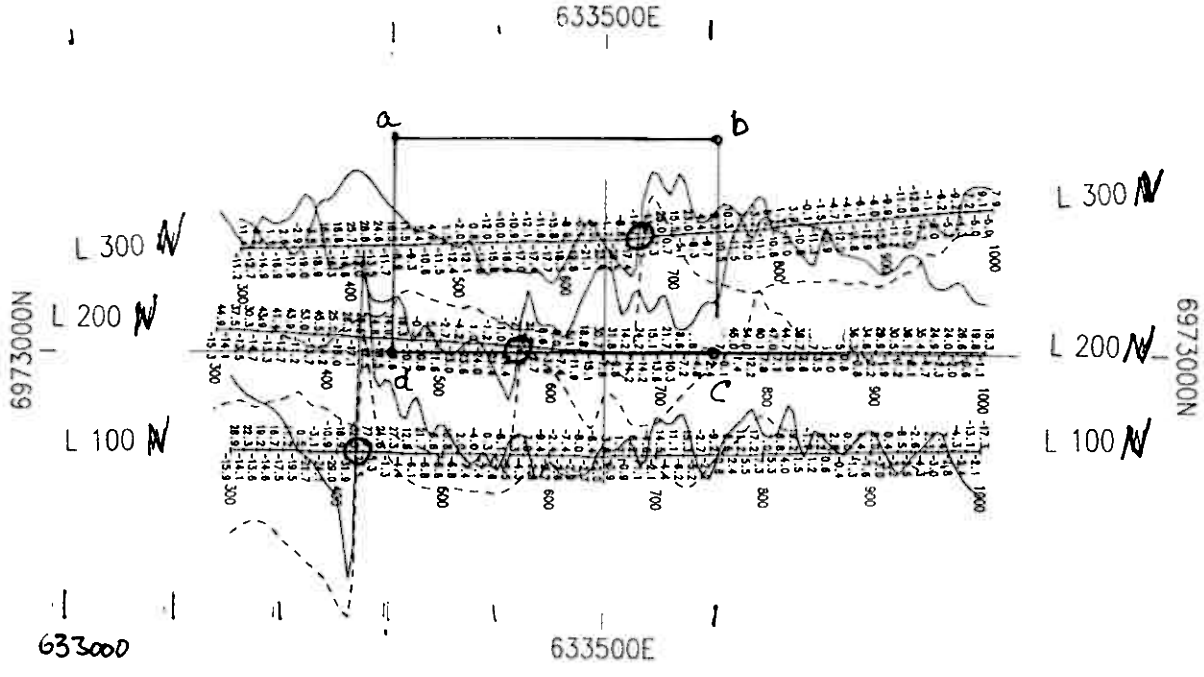

KJOLI SOUTH - TOTAL MAGNETIC FIELD
633200E
633400E
633600E
633800E
a
b
c
d
L 300 N
L 200 N
L 100 N
6973000N
Map Generated by KB 22/08/00

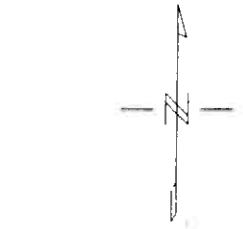
Fig 9.

Kjoli South Grid – VLF EM IP/OP PROFILES – Rugby, UK 16.0 kHz

Fig 10.



Map Generated by DE (09/22/00)



Scale 1:5000

100 0 100 200

(metres)

NORANDA INC.
KJOLI SOUTH
Roras, Norway

VLF ELECTROMAGNETIC SURVEY
IN PHASE/OUT PHASE PROFILE PLAN MAP
Rugby, UK (GBR)

Station Frequency:	16.0 kHz
Station Azimuth:	N215 deg
Sampling Interval:	12.5 metres
Cross-over Convention:	Neg-to-Pos heading N or E
Vertical Profile Scales (%/cm):	IP=20, OP=10 (base=0)
In Phase:	Solid Red Line, Posted Left/Below Left
Out of Phase:	Dashed Blue Line, Posted Right/Above Right
Survey Date:	July 2000
Instrumentation:	EDA OMNI-PLUS VLF MODULE
Operator:	Marty Kratochvil

Surveyed & Processed by:
QUANTEC GEOSCIENCE INC
DWG. NO. QG-122-VLF-PROF-Rugby-Kjoli South Grid

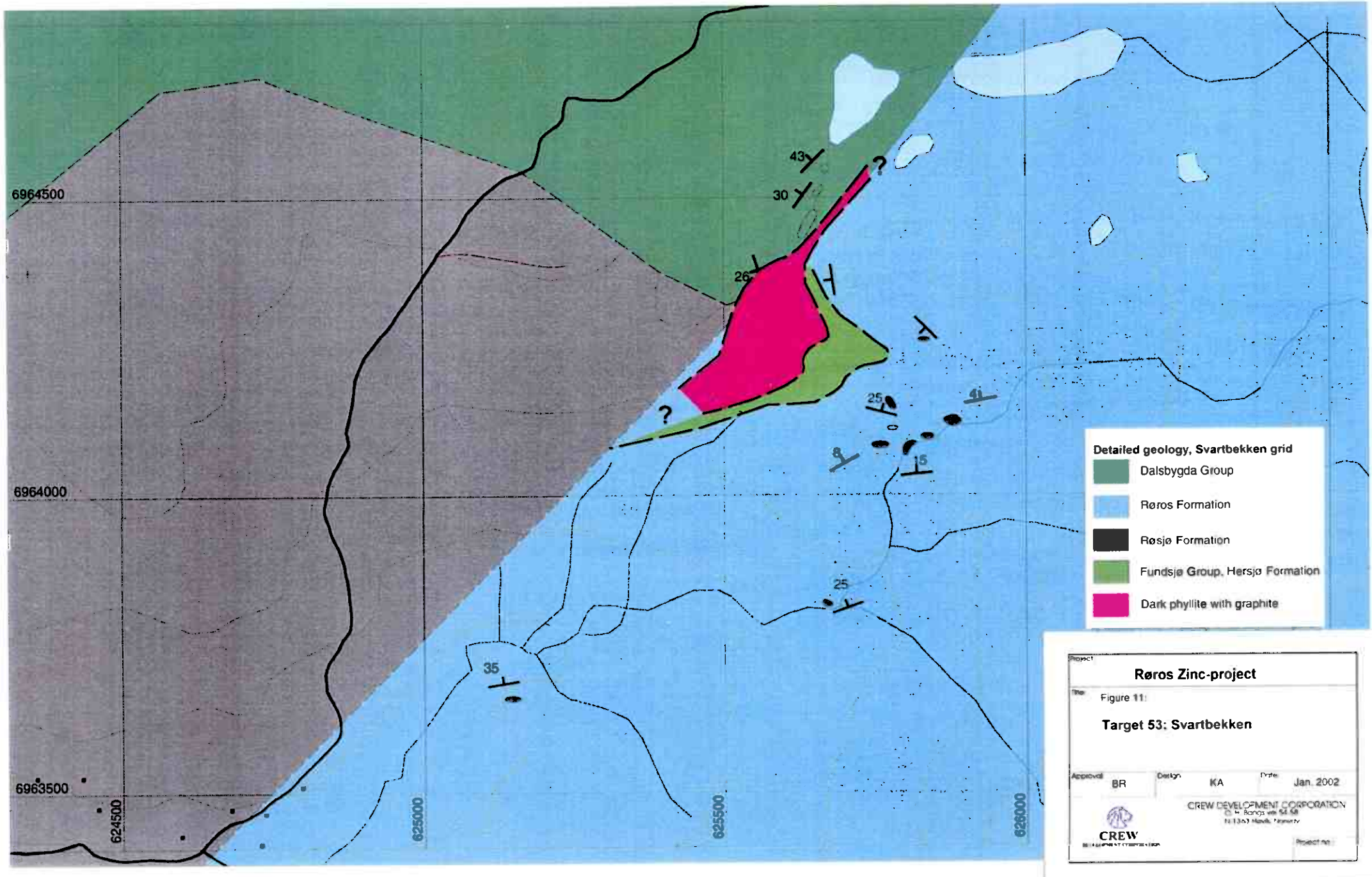
Quantec Geoscience Inc. (2000), carried out a ground geophysical survey (Mag and VLF) over three profiles totalling 2,1pkm over the Kjøli S target in 2000. see fig no 9 and no 10. The mag anomaly seems to be located about 50m to the west of the VLF anomaly.
It is recommended that a limited follow up with around 20 DOB samples: Profile 72900N/ 33150-33400E, profile 73000N/33300-33450E and profile 73100N/33400-33600E.

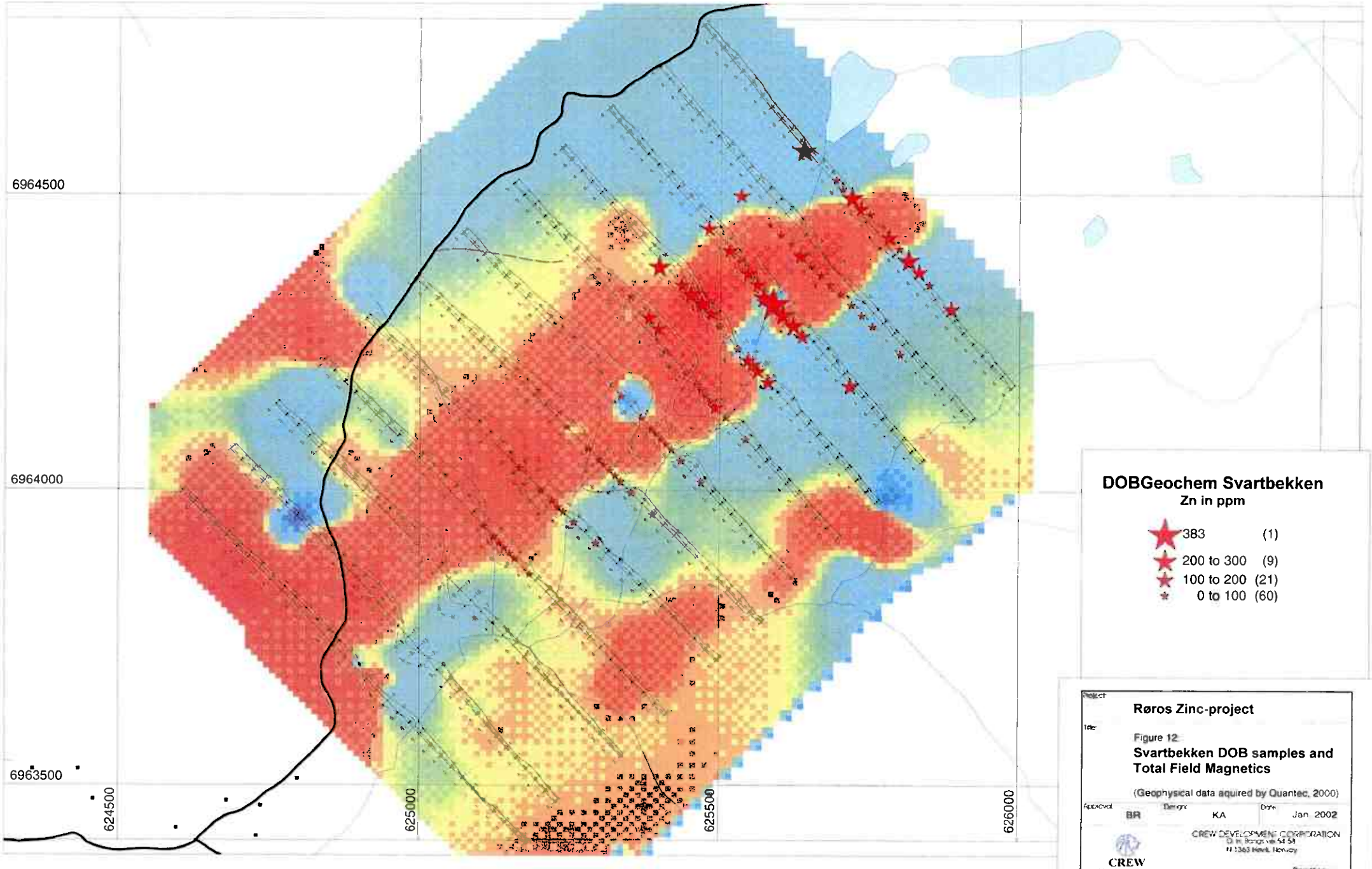
Target 53, Svartbekken. UTM area: 25,0-26,0E/63,8-64,6N.
Fig no 11 shows the geology over the target area:
In the east mica schist of the Røros formation occur.
Further to the west a slice of mafic to intermediate volcanics, belonging to the Fundsjø group (Hersjø FM) occur. In the western part, banding is preserved in the finegrained amphibolite/tuffaceous rock (?). Eastwards, the thrust-affected rock becomes more deformed and massive (light green), increasingly epidotized and carbonate rich.
Further to the west, a dark grey to black phyllite, partly rusty (in places finegrained disseminated of po, py and traces of cpy), with graphite containing layers. In places silification.
The most westerly rock is a very fine grained grey shale in the Dalsbygda group.
Svartbekken conductor is most likely located at or very close to the same structural level as the Killingdal ore body 1km to the NE.
Fig. no 11 shows geology and 12 Zn-results of 91 DOB samples from 2000 and 2001 plotted on total field aero mag map together with ground survey HLEM 1760 HZ results. Details on DOB results and geology in enclosures no 6 and 7. See also enclosure no 3.
The strongest HLEM anomaly was in year 2000 covered by DOB samples, and a rather weak, partly coinciding DOB anomaly occurs. Further DOB sampling in 2001 confirmed a broad continuation of the geochemical anomaly towards the NE beyond the strongest part of the HLEM anomaly. Some high contents of Zn do occur, but the highest anomaly at 383 ppm Zn also runs a high content of Mn. (1760 ppm). The other anomalies range from 100 to 295 ppm Zn and they also run moderate to high contents of Mn, Ni and Cr. Next page exhibits a table with assay results of two rock samples compared with the highest DOB results. It is clear that the graphitic schist can have a Zn content at the same level as the DOB anomalies. The rock samples also indicate elevated contents of Cr and Ni, which suggest that the anomalous DOB samples most likely are deriving from the black schist units.
The area around Svartbekken was Turam surveyed 1949. See Singsaas 1949, BV report no 1085. Strong Turam anomalies occur over a large sheet to the SW. It seems, however, to stop by the outcropping of the graphitic schists to the NE.
No further work is considered, before the Killingdalen N is followed up with positive results.
Analytical results of one rock sample are presented in enclosure no 4.
A geological field map from Svartbekken by R. Wilberg is enclosed in enclosure no 3.

Target 54 Killingdal N. UTM area:25,0-26,1E/66,0-67,8N.
This mag survey covers the area between 66200 N and 67850 N, with geological mapping and VLF coverage in a part of this area.
Fig no 13a exhibits detailed mag ground survey southern part.
Fig no 13b exhibits detailed mag ground survey northern part.

Comparing of rock (400141 and 400763) and DOB samples from Svartbekken grid, Killingdal trend.
400141: Black phyllite w/py-po diss. And traces with cpy
400763: Graphitic phyllite with po disseminations.

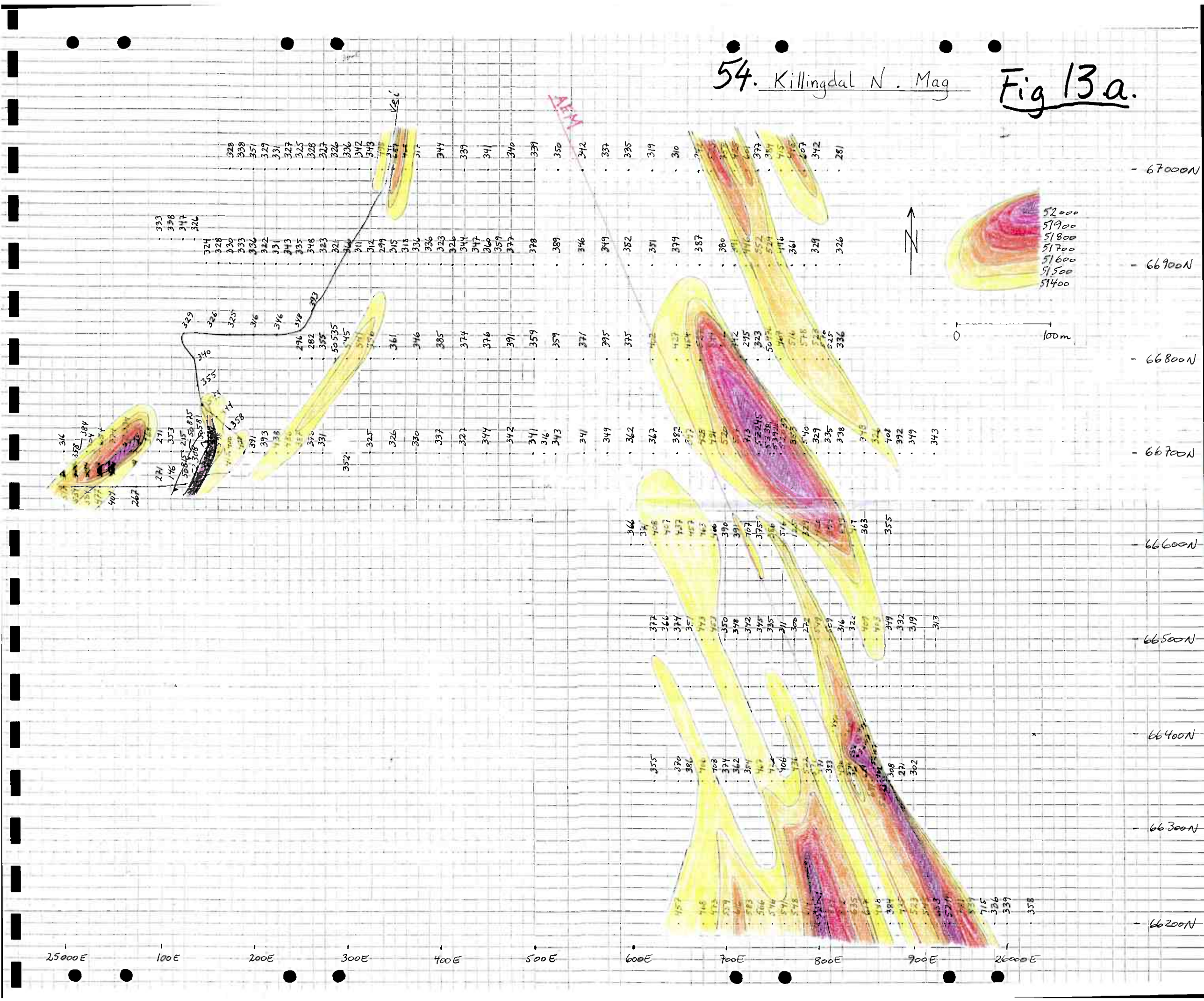
Sample Iden	District	Prospect	UTM- E	UTM-N	V	Cr	Mn	Fe	Co	Ni	Cu	Zn
Scheme Code					ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Analysis Unit					ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Detection Limit					2	1	2	0.01	1	1	0.5	0.5
400141	Holtålen	Svartbekken	625552	6964209	42	186	326	3.96	16	133	25.9	81.9
400763		Svartbekken	625614	6964368	32	150	154	3.43	20	145	269	316
SB042	Holtålen	Svartbekken	10800N	10575E	109	82	578	3.6	23	66	53.6	120
SB043	Holtålen	Svartbekken	10800N	10550E	70	286	466	5.02	26	243	56	113
SB044	Holtålen	Svartbekken	10800N	10537.5E	40	58	1870	4.35	27	204	62.3	133
SB047	Holtålen	Svartbekken	10800N	10450E	43	90	273	3.08	19	107	47.5	64.3
		Svartbekken	625640	6964575	49	71	637	3.89	13	70	43.6	276
		Svartbekken	625704	6964510	36	47	233	1.99	1	32	13	62.9
		Svartbekken	625720	6964496	35	47	506	2.21	6	43	54.3	220
		Svartbekken	625574	6964329	73	204	454	5	20	188	52.4	246
		Svartbekken	625589	6964318	72	319	1760	4.92	47	369	63.3	383
		Svartbekken	625605	6964299	79	427	967	4.13	31	250	31	209
		Svartbekken	625623	6964281	48	173	493	3.57	22	113	53.8	245
		Svartbekken	625199	6964380	51	171	402	3.19	15	144	51.8	226
		Svartbekken	625452	6964334	36	118	748	3.41	22	160	46.3	295
		Svartbekken	625471	6964319	55	125	343	2.72	14	89	30.4	215
		Svartbekken	625382	6964294	36	91	384	3.94	26	166	56.1	177


6964500
6964000
6963500
624500
625000
625500
626000
43
30
26
25
41
8
15
25
35
?
?
Detailed geology, Svartbekken grid
Dalsbygda Group
Røros Formation
Røsjø Formation
Fundsjø Group, Hersjø Formation
Dark phyllite with graphite
Project
Røros Zinc-project
Title
Figure 11:
Target 53: Svartbekken
Approval
BR
Design
KA
Date
Jan. 2002
CREW DEVELOPMENT CORPORATION
CREW
Project no.

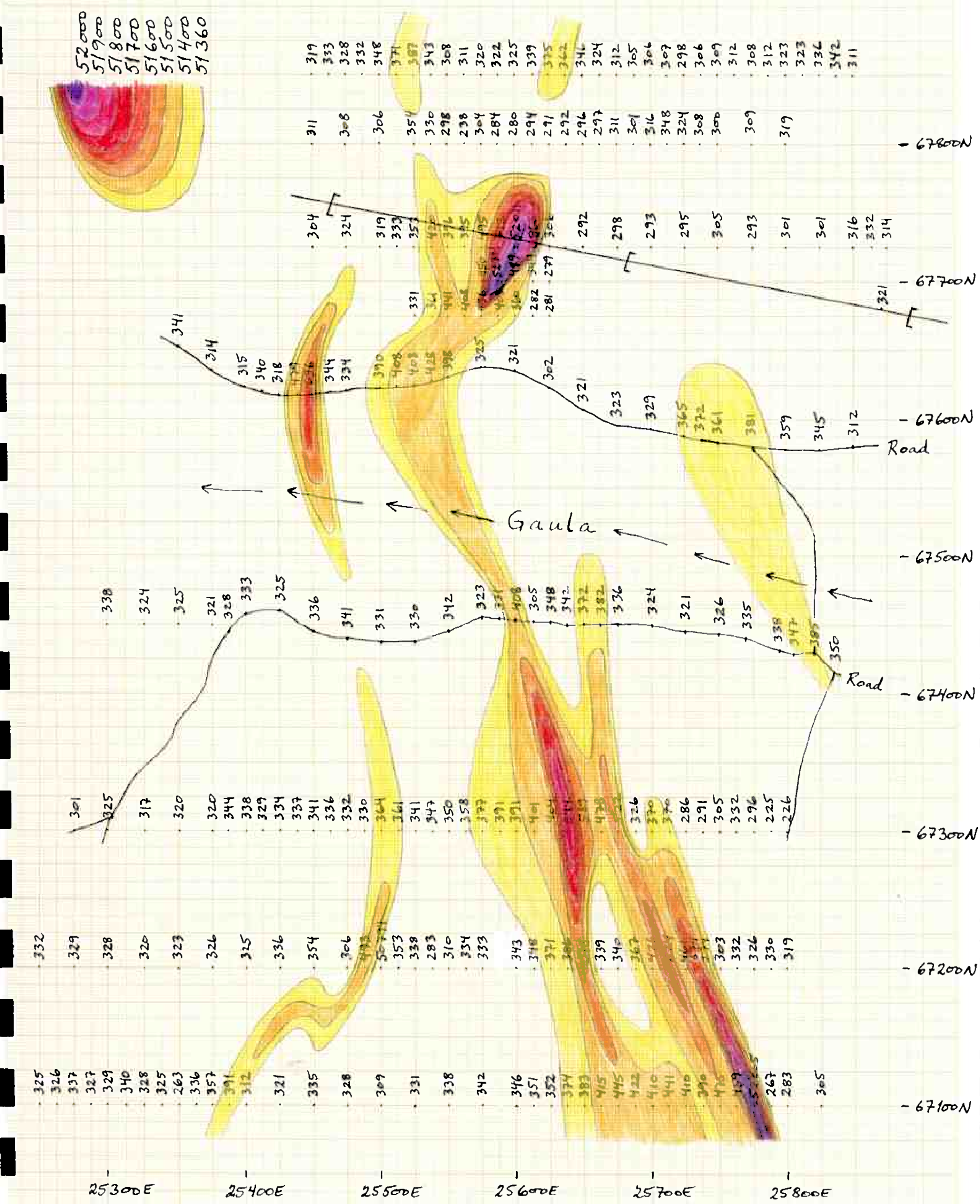

6964500
6964000
6963500
624500
625000
625500
626000
DOBGeochem Svartbekken
Zn in ppm
383 (1)
200 to 300 (9)
100 to 200 (21)
0 to 100 (60)
Røros Zinc-project
Figure 12
Svartbekken DOB samples and Total Field Magnetics
(Geophysical data aquired by Quantec, 2000)
BR
KA
Jan. 2002
CREW DEVELOPMENT CORPORATION
CREW

54. Killingdal N. Mag

Fig 13a.

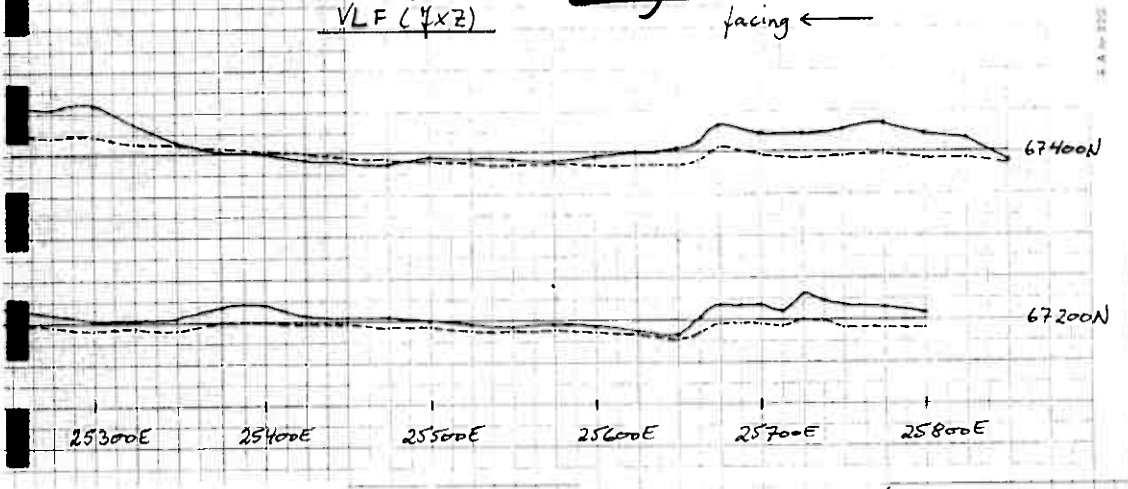


54. Killingdal N. Mag 13 b.

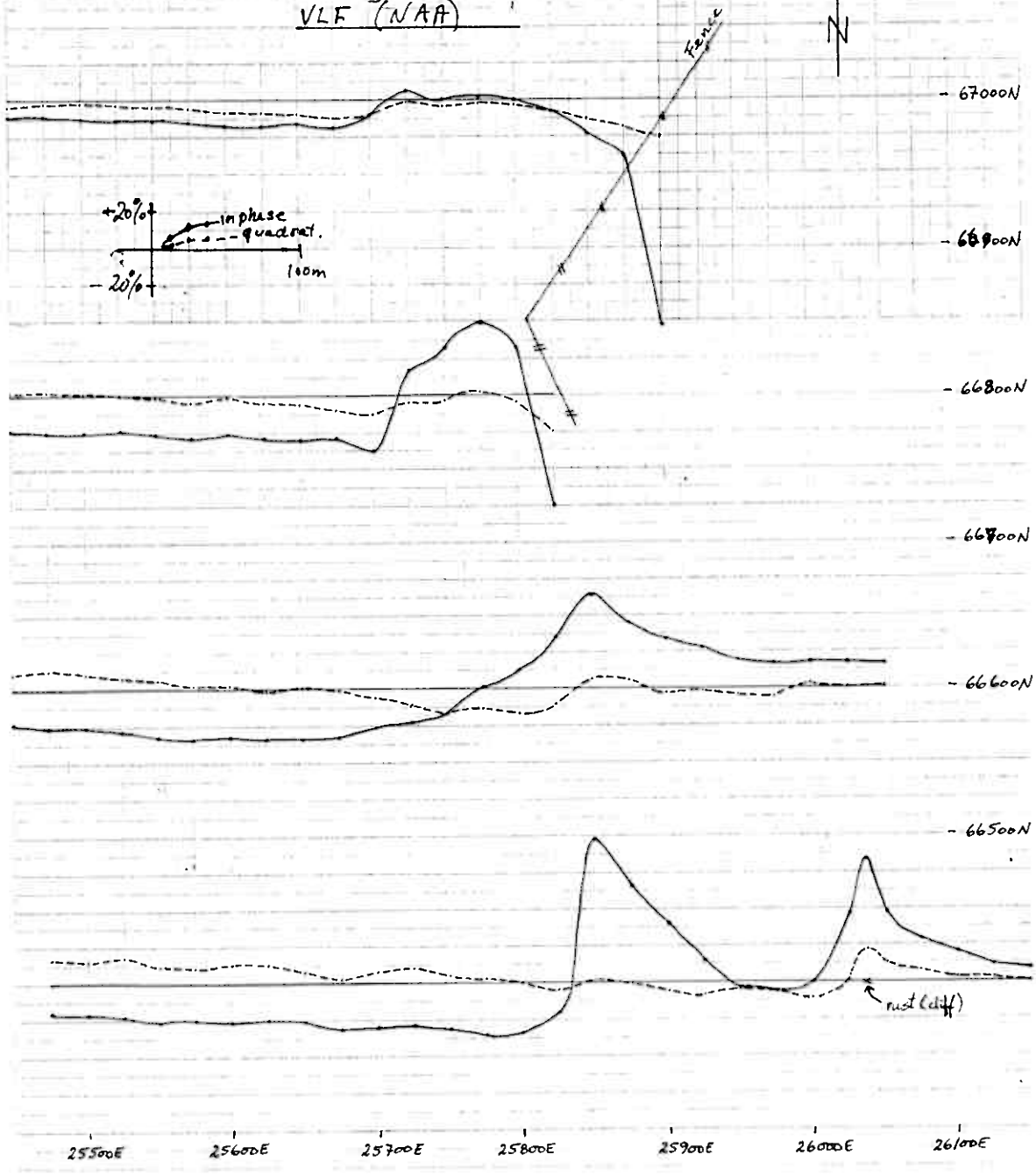


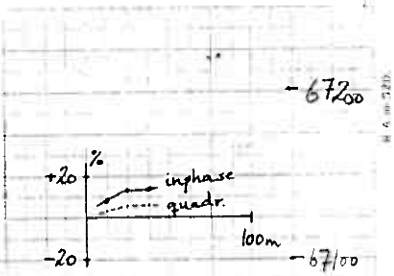
54 Killingdal N
VLF (TxZ)

Fig 14.
facing ←

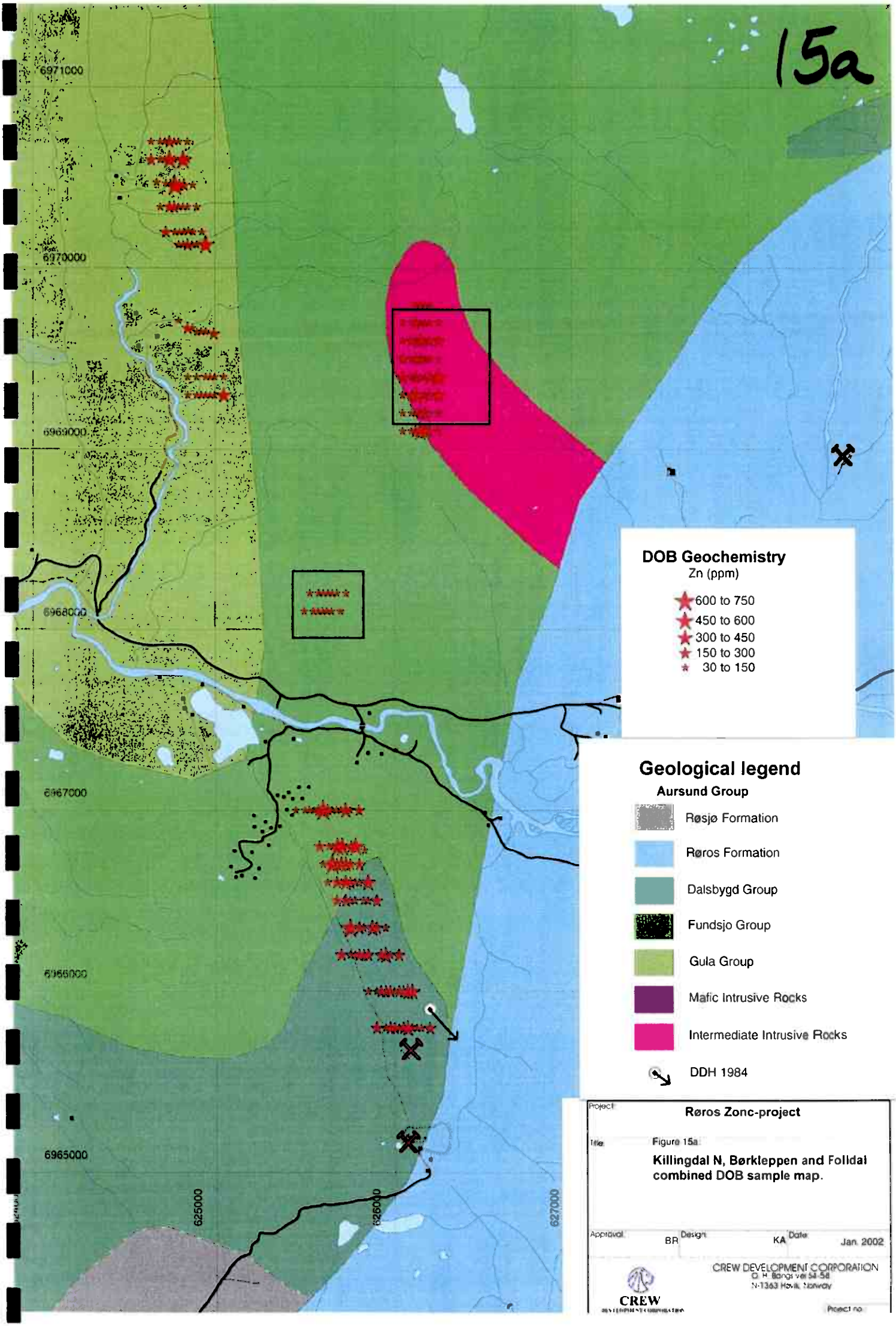


Killingdal N
VLF (NAA)





15a



Project: Røros Zonc-project

Title: Figure 15a

Killingdal N, Børkleppen and Folldal combined DOB sample map.

Approval: BR Design: KA Date: Jan. 2002

CREW DEVELOPMENT CORPORATION
C. H. Bangs vei 54-58
N-1363 Høvik, Norway

CREW

Project no.

54 Killingdal N. DOB soil samples Fig 15.6

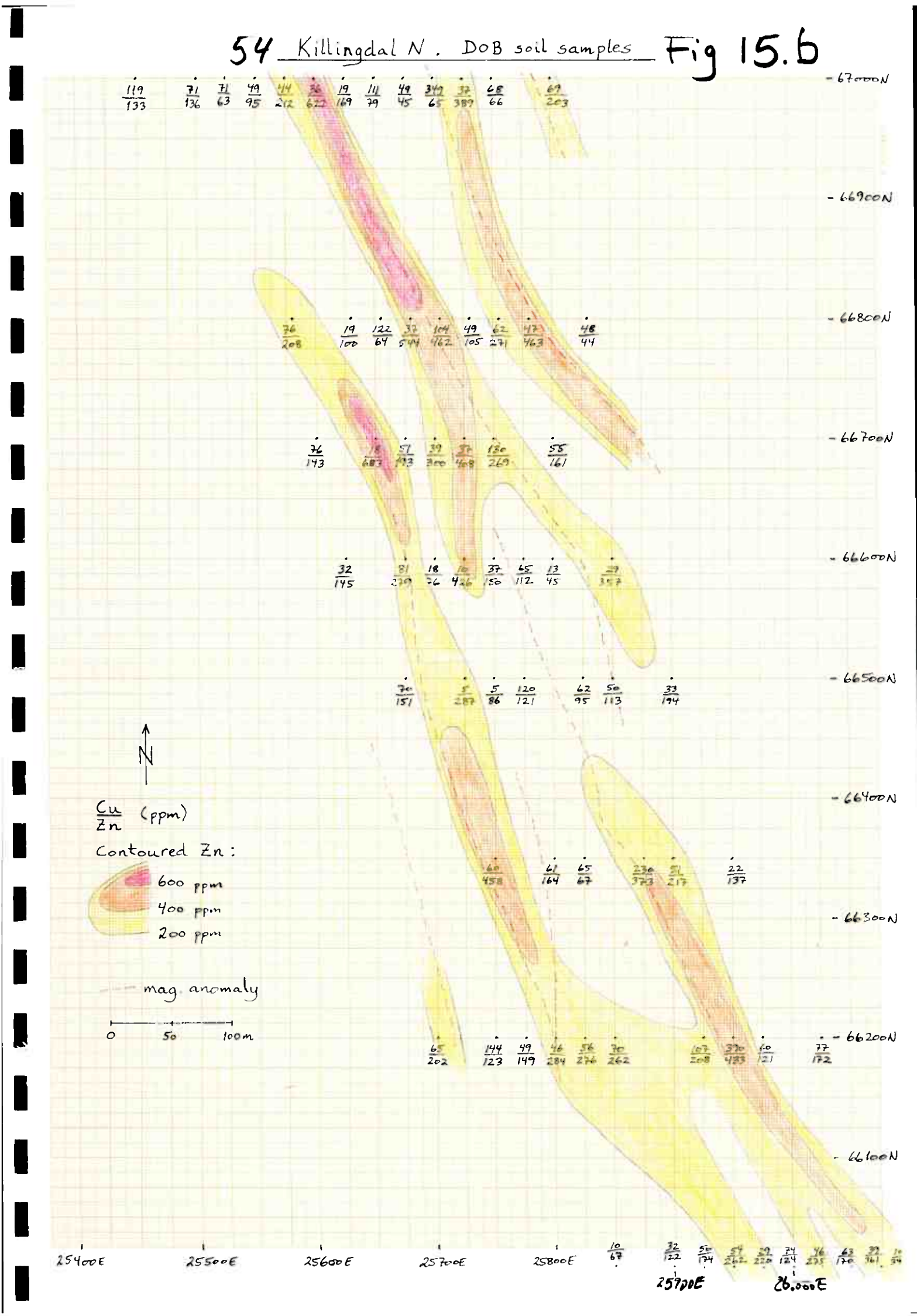
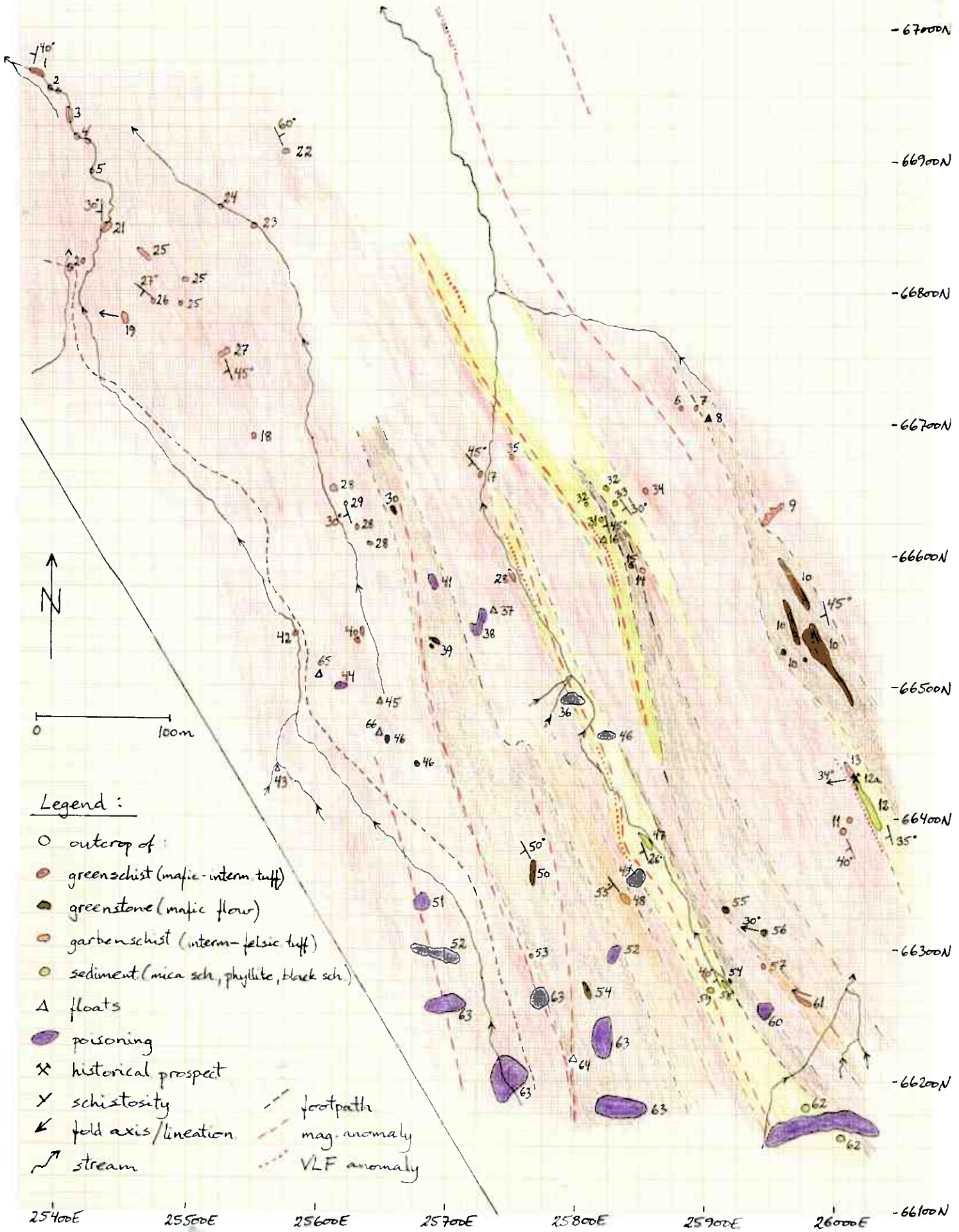


Fig no 14 exhibits VLF survey.
Fig no 15a exhibits an overview of regional geology and DOB-results of Killingdal N with adjacent areas.
Fig no 15b exhibits the DOB-results of Killingdal N.
Fig no 16 exhibits the detailed geology of Killingdal N.
Killingdal Grube conducted geological mapping and SP in 1983 from 66500 N and southwards to the Killingdal Mine. See Rui I. 1984.
The bedrock consists of volcanics of the Hersjø Formation (greenstone and greenschist) and clayish sediments of the Kjurudal Formation (± graphitic phyllite and mica schists). They are intermixed due to folding, axis 260 - 285°/30°. General strike is NNW – SSE, dipping 30 - 50° WSW. See fig 16.
The mag picture, fig 13a and b, shows, due to folding, en echelon anomalies, stretching out northwards to a continuous horizon crossing river Gula, towards, and probably connected to the Unsgardsåsen anomaly (see grid Unsgardsåsen S below), and / or probably folded back south to southwestwards through 625100 6966700, and then westwards according to the airborne survey.
Looking at the contoured soil sample map, fig 15b, it is clear that all these mag anomalies have coinciding Zn – enrichments (200 – 700 ppm); Cu is more diverse. Only one of the geophysical anomalies is exposed and explained, that is the prospect at 626017 6966430, with semimassive po (– py – cpy) in graphitic blackschist (see description of outcrops below). However, 3 to 4 of the eastern anomalies could be expected to be related to similar sulfide – bearing graphite horizons. This is judged from nearby outcrops, boulders, and similar distinct VLF anomalies, fig 14. However, local floats derived from these anomalies of chert / quartz exhalite with py – cpy – diss., blackschist with rel. rich cpy – diss., alteration rocks such as sulfide – bearing garnet – chlorite – amphibole schist, and widespread poisoning do not exclude these horizons as potential targets. Lateral transitions into ore – bearing horizons may happen, and in this tightly folded volcanics and sediments, even a restricted outcropping area of massive sulfides may hide a considerable ore – tonnage as a ruler- or stockformed body, like the Killingdal deposit which had an outcrop of about 150m^2.
The two western mag anomalies differ from the eastern by having no associated VLF anomalies, and being weaker in mag properties. This non – conductive character could point towards sphalerite – mineralization, as long as the associated soil anomalies (Zn) are distinct. Judged from the scarce exposures in this area, it seems that these two horizons are embedded in entirely greenstone and greenschist, one of them at the border between the two. These anomalies can be traced by widespread poisoning of the ground. The VLF survey covers only partly the two interesting anomalies in the SW. Additional VLF surveying is therefore proposed south of the 66400N-profile.
The area included in the earlier mentioned SP survey just touches one of these anomalies, at approximately 625750 6966300, where it is SP anomaly. These anomalies should be attempted traced further south. The helicopter survey indicates that these anomalies south of 66000 N bends off and continue westwards, embedded in the Hersjø Formation, close to the boundary to the Kjurudal Formation.
The 1983 drill hole (60° inclination ESE), located approximately 626200 6965900, intersected two meter – thick graphite – pyrrhotite horizons at 45 and 70 m depth in tuffitic banded schist in the Hersjø formation. The Killingdal mine is located in greenstone in the Hersjø formation.

54 Killingdal N, geology Fig 16



Outcrops, see fig 16 :

1. green qtz – chl – bio sch, minor carbonate and py – diss.; sch: 195°/40°
2. chl – dom. greensch
3. folded, carb – banded, chloritic greensch
4. coarser (mediumgrained) qtz – chl sch with felsic eyes
5. chl – rich greensch
6. light amphibolite and hydroth. qtz
7. carb – bearing, green chl – 2 – mica sch
8. local boulders of greenstone
9. greensch
10. greenstone, in places carb – bearing, occ. schisty; sch: 165°/45°
11. greensch; 155°/40°
12. partly rusty mica sch, var. from dark gnt – bio sch to light grey cont. bio, occ. few – cm – thick layers rich in gnt, traces of py; 165°/35°
13. prospect, minor blasting in a cliff. 0.3 – 1 m (?) thick semimassive po (– py – cpy) – minerlization in graphite – bearing blackschist (samples 401244 and 401245). Banded enrichment of dom. po. In places minor py and cpy. Sulfides are emplaced close to the footwall of overlying greenschist, separated by a few – dm – thick alteration zone of chl – musc – gnt sch. Footwall is mica (dom. bio) sch. Fold axis / lin.: 260°/34°
14. greensch
15. greenstone
16. local boulders of rusty alteration rock: gnt – chl – amphibole sch
17. greensch; 140°/45°
18. greensch
19. greensch; lin. (fold?): 280°
20. greensch
21. greensch; sch: 180°/30°
22. greensch; 335°/60°
23. greensch; 167°/48°
24. greensch
25. greensch
26. greensch; 130°/27°
27. greensch; 160°/45°
28. greensch
29. greensch; 160°/30°
30. greenstone
31. chl – mica sch; 165°/45°
32. chl – mica sch
33. carb – bio sch; 143°/30°
34. greensch
35. greensch
36. poisoning; boulder of chert / exhalite with py – cpy – diss.
37. boulder (0.5 x 0.5 m) of graphitic blacksch with semimassive po – cpy – min.
38. poisoning; large boulder of rusty gnt – amph sch
39. massive greenstone, weak py – diss.
40. greensch
41. weak poisoning
42. greensch

43. rusty boulder (0.6 x 0.7 x 0.4 m) of gnt – qtz – mica sch rich in py – diss.; traces of cpy and graphite
44. weak poisoning; boulders of blacksch (minor graphite) with py (– cpy) – diss.
45. rusty boulder (0.6 x 0.6 m) of dark grey sch with sulf – diss. (heavily weathered)
46. weak poisoning
47. rusty phyllite (with chl) / mica sch; minor graphite and py – diss.; sch:160°/26°
48. carb – bearing garbensch (tuff?); sch: 140°/55°
49. weak poisoning; boulder of graphite – bearing sch with semimassive py (– cpy) – diss. (400766)
50. schisty greenstone; sch: 150°/50°
51. poisoning; local boulders of qtz – feldsp – chl – mica – amph sch (light tuffitic sch) with diss. and mm – thick bands of py + traces of cpy (401246)
52. weak poisoning
53. greensch (possibly local boulders)
54. greenstone
55. schisty greenstone
56. schisty greenstone; fold: 280°/30°
57. greensch
58. gnt – qtz – chl – mica sch with py – diss.; 155°/40°
59. mica sch
60. poisoning; boulders of qtz – mica sch with minor graphite and semimassive, finegrained py (– cpy)
61. carb – bearing garben sch rich in py – diss.; lin: 285°
62. phyllitic chl – mica sch
63. poisoning
64. leached, rusty floats
65. boulders of blacksch with gnt, qtz, chl, amph, and layers of finegrained, rich py – cpy – min. (400764)
66. boulder of coarsegrained amphibolite with qtz and cpy – py – diss. (400765)

The next two pages exhibits a table comparing some element contents in some rock and DOB samples. The two first rock samples are both black schists with semimassive po-(cpy) mineralization from the greenschist area in the west. The Cu and Zn contents are around 1000 ppm each, while V, Cr, Mn, Co, Ag, Ba and Pb have moderate to low contents. The Ni-content is relatively high.
Several of the anomalous DOB samples exhibit some different anomaly pattern with high contents of Pb, Ba in addition to Cu and Zn. Enclosure no 6, pp 5-6 and 16-17 exhibits the complete DOB list for the Killingdal N Target.
A follow up in the SW part of the area in greenstone and greenschist and two more profiles in the north is recommended with DOB sampling of about 40 DOB samples. Two to three more VLF profiles are proposed south of profile line 66400N.
Further, a drilling program of five holes totaling 500m in the same area is proposed.
Analytical results of six rock samples are presented in enclosure no 4.

Target 55, Unsgardsåsen Øvre (= Børkleppen W). UTM area: 25,4-25,8E/69,0-70,4N.

This combined mag – EM trend in the Hersjø Fm volcanics seem to be the continuation of the Killingdal N – Unsgardsåsen trend, possibly tying up with the Stillbankan trend (see target 62, below) about 3 km to the NNE.

Comparing of rock and soil samples, Killingdal N Grid

Sampl. Id	Loc	UTM E	UTM N	Description	Au		V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ag	Ba	Pb
Sch. Code					FA301		ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
An. Unit					ppb		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Det. Lim					1		2	1	2	0.01	1	1	0.5	0.5	0.2	1	2
401244	Killingdal N	626017	6966430	blackschist with semimassive po(-cpy) min.	38	401244	374	79	876	22.1	83	285	988	1070	1.4	23	134
401245	Killingdal N	626017	6966430	blackschist with semimassive po-cpy min.	26	401245	109	50	617	22.5	74	329	1100	739	1.9	32	99
401246	Killingdal N	625683	6966338	light, intermediate tuffitic schist with py(-cpy)-diss. (boulder)	10	401246	141	159	197	8.78	32	11	41.9	70.4	0.2	43	16
400764	Killingdal N	625603	6966509	graph phyll. W/grt, qtz, amph + diss -semimass. py-cpy-min.(loc.flo.)	4	400764	297	131	975	9.27	50	130	425	458	1	42	169
400765	Killingdal N	625648	6966464	coarsegr. amphibolite with qtz and cpy-py-diss. (loc. floats)	15	400765	109	89	350	5.23	46	11	487	47.6	0.4	11	15
400766	Killingdal N	625849	6966362	phyllite with semimassive py-cpy-min. (loc. floats)	4	400766	188	99	1030	13.1	82	276	776	674	1.4	8	37
					Depth												
DOB221	Killingdal N	625450	6967000	greygreen silt + amphibolite-derived matr. + amphibolite plug	1.6	DOB221	133	61	336	4.12	27	44	119	133	0.4	75	8
DOB222	Killingdal N	625500	6967000	upper 1/2: green silt with amphibolite fragm.; lower 1/2: rustybrown, mica-rich silt	2.7	DOB222	70	76	558	2.41	13	34	71.3	136	-0.2	56	-2
DOB225	Killingdal N	625575	6967000	brown silt with amphibolite fragm.	0.7	DOB225	73	80	353	2.99	15	29	44.3	212	-0.2	46	-2
DOB226	Killingdal N	625600	6967000	upper: brown silt, lower: green silt, both with amphibolite fragm.	0.7	DOB226	55	50	263	2.55	15	30	36.6	622	0.9	29	-2
DOB227	Killingdal N	625625	6967000	chl-musc-bio-rich matr. + minor humus	1.7	DOB227	49	58	128	2.33	9	42	19.2	169	-0.2	58	-2
DOB228	Killingdal N	625650	6967000	green silt rich in fragm. of schisty amphibolite + plug of same	1.4	DOB228	54	29	112	1.73	13	25	111	79.2	-0.2	45	2
DOB230	Killingdal N	625700	6967000	greenish grey silt with fragm. of schisty amphibolite	2.5	DOB230	63	59	449	4.91	41	61	349	64.5	0.2	74	2
DOB231	Killingdal N	625725	6967000	green silt with fragm. + plug of amphibolite	2.6	DOB231	100	17	193	2.68	20	16	36.9	389	-0.2	81	-2
DOB233	Killingdal N	625800	6967000	greenish browngrey silt with fragm. of amphibolite and qtz	2.2	DOB233	66	24	265	2.46	20	22	68.5	203	0.3	82	2
DOB234	Killingdal N	625580	6966800	greenish silt with amphibolite fragm.	0.7	DOB234	26	60	133	1.49	12	39	76.3	208	-0.2	32	2
DOB236	Killingdal N	625655	6966800	green silt with amphibolite fragm.	2.1	DOB236	76	132	297	3.05	26	62	122	63.9	-0.2	87	2
DOB237	Killingdal N	625680	6966800	dom. amphibolite matr. (weakly rusty), minor green silt, amphibolite plug	1.1	DOB237	46	49	385	2.48	13	29	37.3	544	0.5	33	5
DOB238	Killingdal N	625705	6966800	dom. matr. from gnt-bio sch + rusty brown silt	2.1	DOB238	138	55	457	5.84	37	79	104	462	1	280	360
DOB239	Killingdal N	625730	6966800	green silt rich in fragm. of amphibolite and hydrothermal qtz	2.1	DOB239	51	52	200	2.1	10	29	48.9	105	-0.2	46	5
DOB240	Killingdal N	625755	6966800	green, chl-rich silt with amphibolite fragm.	2.6	DOB240	37	39	156	1.87	7	34	61.8	271	1.7	53	3
DOB241	Killingdal N	625780	6966800	brownish grey silt with mica sch fragm.	1.6	DOB241	35	33	262	1.64	6	27	47.3	463	-0.2	31	2
DOB243	Killingdal N	625600	6966700	greygreen silt	2.1	DOB243	55	56	655	2.54	12	35	76.4	143	1	59	2
DOB244	Killingdal N	625650	6966700	green silt + amph sch fragm.	0.6	DOB244	50	118	358	3.27	23	51	17.5	683	-0.2	21	-2
DOB245	Killingdal N	625675	6966700	grey silt, minor soil, qtz plug	1.6	DOB245	29	30	118	1.42	19	27	51.2	193	0.5	16	2
DOB246	Killingdal N	625700	6966700	grey silt, minor soil	1.3	DOB246	73	61	226	3.04	21	24	39.3	300	2	43	2
DOB247	Killingdal N	625725	6966700	grey silt	1.1	DOB247	75	9	748	2.38	15	14	36.9	408	0.6	21	2
DOB248	Killingdal N	625750	6966700	greybrown silt	1.9	DOB248	108	35	594	4.62	25	44	130	269	-0.2	58	4
DOB249	Killingdal N	625800	6966700	greybrown silt	1.2	DOB249	133	14	455	3.37	26	19	54.6	161	0.2	69	2
DOB250	Killingdal N	625625	6966600	grey silt	2.1	DOB250	57	98	232	2.59	14	37	31.9	145	2.2	34	-2
DOB251	Killingdal N	625675	6966600	green silt + matr. and fragm. of amphibolite	0.4	DOB251	96	40	453	3.26	27	42	81	279	-0.2	63	5
DOB253	Killingdal N	625725	6966600	grey silt	1.1	DOB253	14	13	102	0.82	-1	14	9.6	426	0.7	24	6
DOB254	Killingdal N	625750	6966600	greybrown silt/soil, mica, amph sch fragm.	0.6	DOB254	103	15	1450	3.46	18	19	36.9	150	-0.2	50	6
DOB255	Killingdal N	625775	6966600	greybrown silt	1.1	DOB255	84	34	235	3.59	20	36	65.3	112	-0.2	56	13
DOB257	Killingdal N	625850	6966600	grey silt	0.3	DOB257	115	19	729	3.74	23	16	28.7	357	0.3	20	-2
DOB258	Killingdal N	625675	6966500	grey silt	0.6	DOB258	73	33	989	2.71	29	36	70	151	-0.2	42	4
DOB259	Killingdal N	625725	6966500	grey silt, qtz fragm.	0.7	DOB259	6	5	33	0.29	-1	4	5.4	287	-0.2	11	5
DOB261	Killingdal N	625775	6966500	greybrown silt	2	DOB261	195	30	260	5.82	47	59	120	121	0.2	97	14
DOB263	Killingdal N	625850	6966500	dark grey silt	1.7	DOB263	120	22	184	3.58	20	23	49.9	113	-0.2	87	-2
DOB264	Killingdal N	625900	6966500	greygreen silt	1.7	DOB264	111	18	345	4.66	24	19	33.2	194	-0.2	27	2
DOB265	Killingdal N	625750	6966350	grey silt	1.3	DOB265	100	9	896	3.1	30	15	59.8	458	0.2	41	-2
DOB266	Killingdal N	625800	6966350	greybrown silt	0.6	DOB266	123	39	476	5.06	21	39	61	164	-0.2	105	9
DOB268	Killingdal N	625875	6966350	browngrey silt	1.1	DOB268	199	74	1620	13.6	38	39	230	373	-0.2	106	257
DOB269	Killingdal N	625900	6966350	grey silt	0.4	DOB269	325	14	1050	7.06	41	18	50.9	217	-0.2	40	11
DOB270	Killingdal N	625950	6966350	grey silt, thin cover, sample collected from 4 holes	0.1	DOB270	84	7	232	2.12	9	7	22.1	137	-0.2	9	7
DOB271	Killingdal N	625700	6966200	greybrown, micacheous silt	1.6	DOB271	132	38	431	4.11	29	21	65	202	-0.2	56	4

13a

Comparing of rock and soil samples, Killingdal N Grid

DOB272	Killingdal N	625750	6966200	brown silt	1.3	DOB272	68	21	974	2.7	12	15	144	123	0.7	25	7
DOB273	Killingdal N	625775	6966200	greybrown silt + chl sch matr	2	DOB273	92	13	670	2.84	19	15	48.6	149	-0.2	55	-2
DOB274	Killingdal N	625800	6966200	greybrown silt	1.1	DOB274	58	50	1250	4.02	19	50	46.2	284	0.9	59	9
DOB275	Killingdal N	625825	6966200	greygreen silt + chl sch matr	1	DOB275	153	13	1140	4.71	25	18	56.1	276	0.4	53	3
DOB276	Killingdal N	625850	6966200	greybrown silt	0.5	DOB276	57	43	1120	4.46	35	63	70.1	262	-0.2	62	19
	Killingdal N	625875	6966200	steep slope, no sample													
	Killingdal N	625900	6966200	steep slope, no sample													
DOB277	Killingdal N	625925	6966200	grey silt + soil, LOS	0.6	DOB277	48	46	1030	4.13	24	58	107	208	-0.2	51	37
DOB278	Killingdal N	625950	6966200	dark grey silt with schist fragm	2.1	DOB278	334	80	1900	15	61	184	390	433	-0.2	155	242
DOB279	Killingdal N	625975	6966200	greybrown silt	1.7	DOB279	62	36	790	3.06	18	33	60.4	121	0.6	57	10
DOB280	Killingdal N	626025	6966200	greybrown silt	2.5	DOB280	71	57	531	3.3	16	39	76.8	172	0.4	64	2
DOB282	Killingdal N	625900	6966000	greybrown silt with fragm. of schist and qtz	4.6	DOB282	29	32	614	2.18	13	39	31.7	122	1	48	5
DOB283	Killingdal N	625925	6966000	greybrown silt with chl sch fragm	1	DOB283	44	57	540	3.66	15	61	49.8	174	1.6	41	6
DOB284	Killingdal N	625950	6966000	greybrown silt with chl sch fragm	1.2	DOB284	63	62	875	4.33	21	66	54.2	262	-0.2	74	7
DOB285	Killingdal N	625975	6966000	greybrown silt with chl sch fragm	1.3	DOB285	61	71	317	3.39	11	51	28.7	220	-0.2	135	7
DOB286	Killingdal N	626000	6966000	greybrown, rusty silt	1.8	DOB286	100	37	257	4.3	26	39	74.3	124	0.5	107	3
DOB287	Killingdal N	626025	6966000	grey silt	0.4	DOB287	67	66	764	4.59	20	64	46.1	275	-0.2	30	40
DOB288	Killingdal N	626050	6966000	greybrown silt	1.2	DOB288	59	62	596	3.98	20	60	62.8	170	-0.2	50	7
DOB289	Killingdal N	626075	6966000	greybrown silt	1.4	DOB289	55	37	372	2.57	6	30	38.7	361	-0.2	34	6
DOB290	Killingdal N	626100	6966000	greybrown silt	1.2	DOB290	48	22	423	2.34	21	23	104	340	-0.2	31	-2
	Killingdal N	626150	6966000	bedrock, no sample													
DOB291	Killingdal N	625900	6965800	browngrey silt	0.7	DOB291	46	48	266	3.6	9	45	85	200	-0.2	27	9
DOB293	Killingdal N	625975	6965800	browngrey silt	0.6	DOB293	75	67	495	4.34	20	51	42.3	181	-0.2	84	5
DOB294	Killingdal N	626000	6965800	greybrown silt, minor soil	0.9	DOB294	99	17	385	4.36	12	15	81.7	244	-0.2	92	15
DOB295	Killingdal N	626025	6965800	greybrown silt	0.4	DOB295	43	11	331	2.82	7	7	21.7	148	-0.2	80	4
DOB296	Killingdal N	626050	6965800	brown silt with qtz fragm	1.1	DOB296	186	36	1430	6.74	25	27	84.4	258	0.2	200	7
DOB297	Killingdal N	626075	6965800	greybrown silt	0.4	DOB297	95	26	754	3.02	12	11	47.9	307	-0.2	20	9
DOB298	Killingdal N	626100	6965800	greybrown silt	0.8	DOB298	50	44	597	2.84	18	37	82.2	130	-0.2	52	8
DOB300	Killingdal N	626150	6965800	browngrey silt	0.7	DOB300	70	35	230	3.73	6	15	33.1	106	-0.2	23	4
DOB301	Killingdal N	626200	6965800	browngrey silt with qtz fragm	0.7	DOB301	64	46	475	4.13	17	44	72.8	153	-0.2	51	10

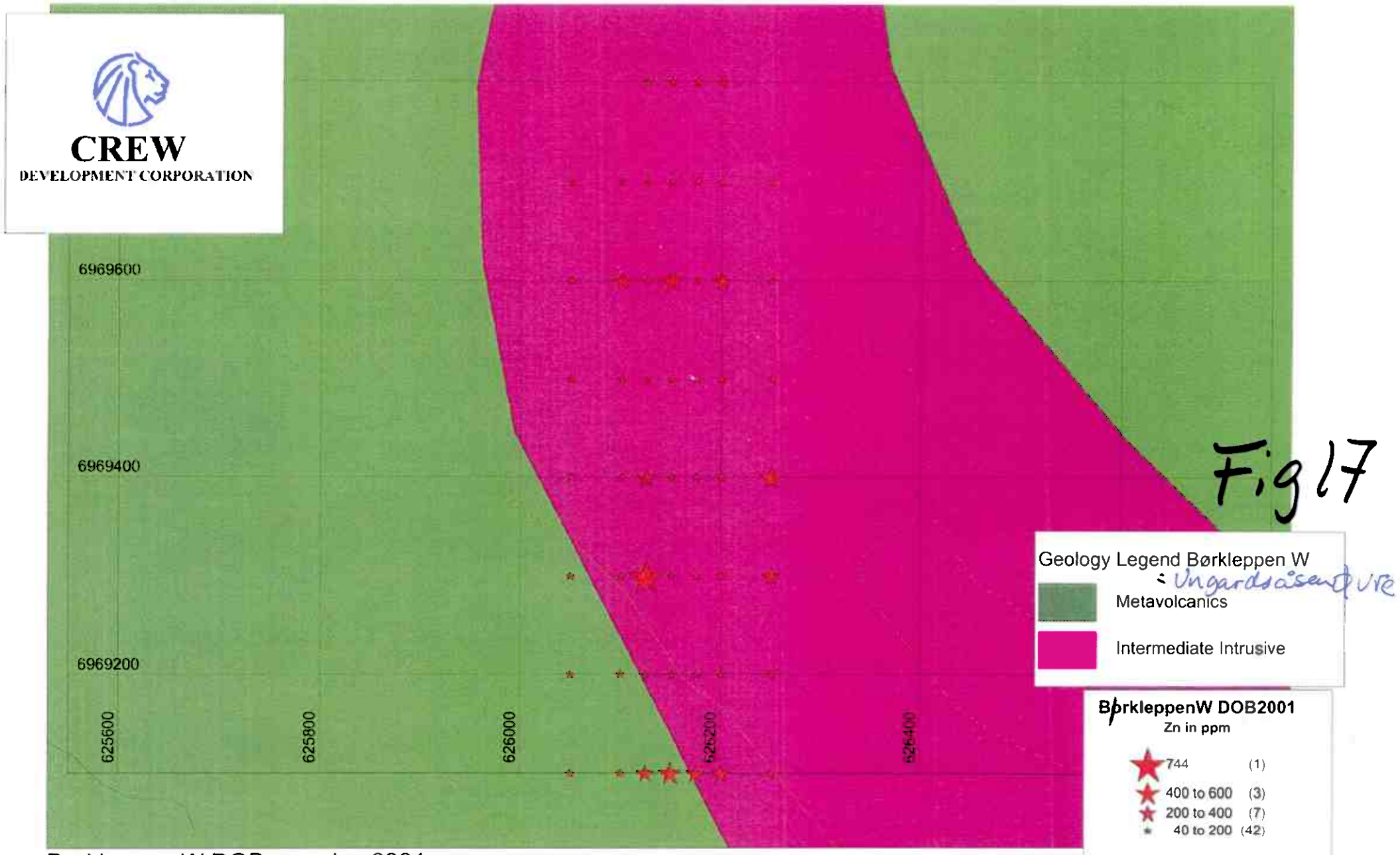


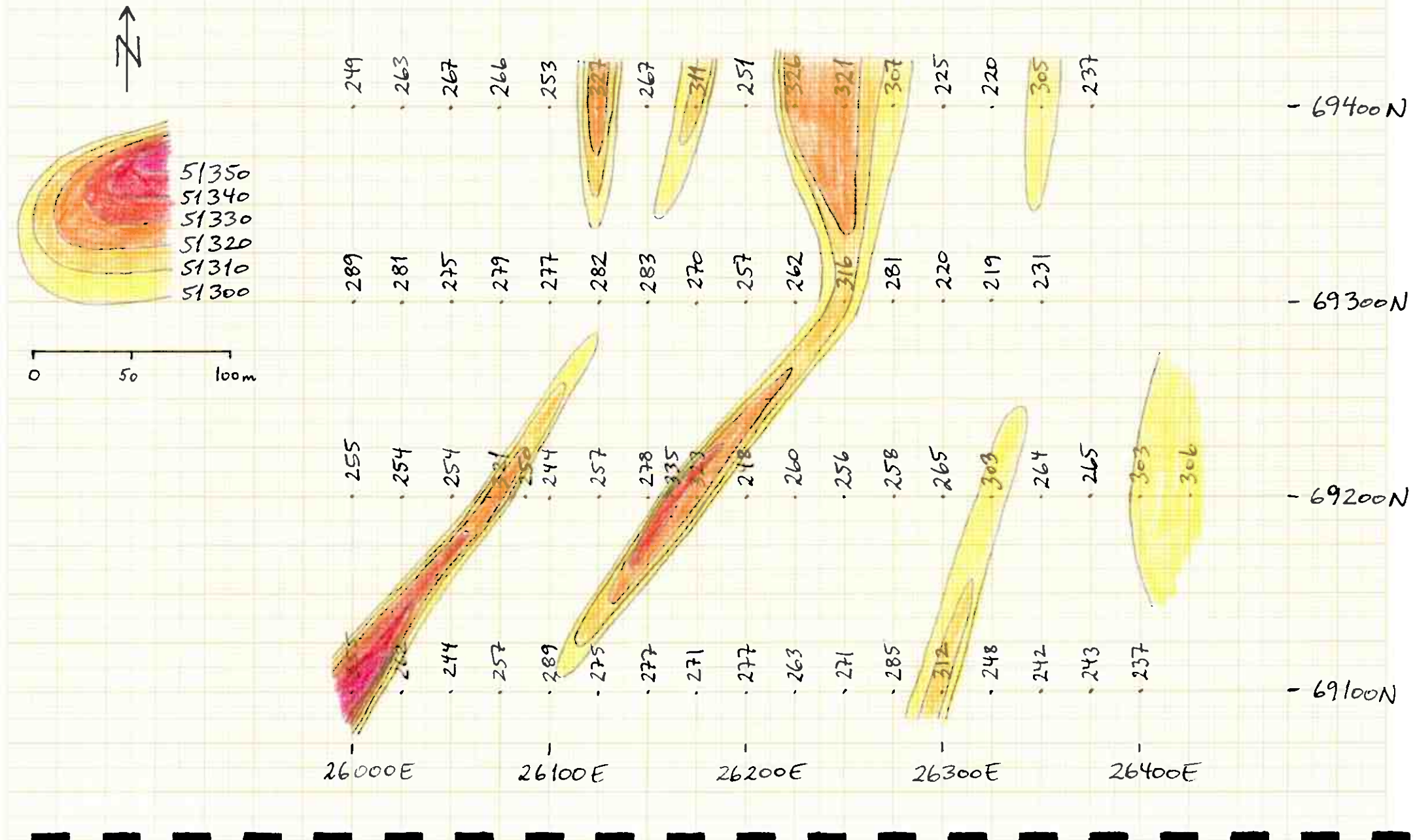
Fig 17

Børkleppen W DOB samples 2001;
Map scale 1:5000. Prepared by KA 24.04.2001

Target 55, Unsgardsasen øvre . Mag

= Borklepp W

Fig 18



Target 55, Unsgardsåsen øvre. = Björklepp W
DOB soil samples.

Fig 19.

Cu / Zn ppm

Contoured Zn:

600 ppm
450 ppm
300 ppm
150 ppm

0 50 100m

N

		36/82	20/42	24/68	31/108	24/44	- 69800N
27/92	19/153	18/55	27/62	24/67	20/104	38/105	- 69700N
31/223	26/85	31/414	28/61	29/249	26/183	30/171	- 69600N
31/63	30/196	37/174	30/124	34/88	34/91	39/492	- 69500N
36/143	35/180	31/84	34/232	30/77	35/111	22/194	- 69400N
26/184	[illegible]	34/138	39/139	34/173	37/370	35/92	- 69300N
22/68	21/69	25/182	23/179	22/132	29/117	38/107	- 69200N
	27/98	24/236	[illegible]/332	38/266		33/114	- 69100N

26000E 26100E 26200E 26300E

Fig 19

Fig no 17 exhibit the geology with the DOB Zn-anomalies at the geological boundary between the metavolcanics and intermediate intrusive. The area is, however, totally covered, so the correct location of the geological boundary is uncertain.
Ground geophysics, fig 18, is limited to 4 mag profiles in the southern part, indicating 4 parallel anomalies.
DOB soil samples are collected along 8 profiles, for details, see enclosure no 6 pp 1-2 and 12-13. Fig no 19 exhibits the DOB Cu and Zn anomalies. It should be remarked that this target shows no anomalous copper contents in the soil. Most of the other targets, except no 57, Folldalen, show combined Cu-Zn anomalies.
Sampling were troublesome, due to very hard overburden, pre consolidated moraine, in excess of 3 m thick. Concerning Zn, soil anomalies fits remarkably well the mag anomalies if displaced ≈ 25 m up – slope.
The strong aero-EM anomalies are also coinciding with the DOB Zn anomalies. It is therefore likely that a good conductor is occurring together with the Zn mineralization. The low content of Co and Ni in the DOB samples does not point in the direction that the conducting mineral could be pyrite or pyrrhotite.
Encouraged by the Zn anomalies (up to 744 ppm), the mag survey should be extended further northwards, and VLF should be conducted over the whole 1,4km length of the strong aero EM conductor. It is proposed that another 20 DOB samples are collected , about 5pkm of VLF is conducted and that the mag survey is extended with 5 profiles (=2pkm) to the north. Three short drillholes totalling 150m is also proposed.

Target 56. Unsgardsåsen South. UTM area: 25,4-25,8E/68,0-68,3N.
Two mag profiles cover this trend in the Hersjø Fm volcanics. They show a weak mag anomaly, which is a continuation of the trend from Killingdal N (see above). See fig no 20. The airborne survey indicate no conductivity to this trend, and the DOB sampling, enclosure no 6 pp 5 and 17, did not upgrade this target. Outcrops are not found in this area. No more work recommended if the two targets, Unsgardsåsen øvre to the North and Killingdal N to the South turn out negative.

Target 57. Folldalen. UTM area: 24,6-25,5E/69,3-70,6N.
Fig 21: Ground mag survey.
Fig 22: VLF ground survey.
Fig 23: Detailed geology with DOB Zn and Cu results.
Fig 24: Regional geology with DOB Zn results.
This grid covers the boundary between Gula Group sediments and tectonostratigraphically underlying Hersjø Formation volcanics. This boundary is outlined on the airborne mag as a distinct drop in mag properties from volcanics in the east to sediments in the west. The airborne survey also indicate a distinct conductor, ≈ 1.5 km long, with associated mag, in the Gula sediments, about 300 – 400 m west of the formational boundary.
The ground mag survey outlines both these anomalies, running more or less continuously through the 1300 m long grid, the formational mag high at about 25250 E and the Gula conductor at 24900 E.
The majority of exposures in the area show resistant, fine- to mediumgrained, mafic to intermediate porphyrite (feldspar porphyries), occasionally tending towards gabbro.
The stream Finnlandsbekken exposes a profile through the Gula Gr and Hersjø Fm. The Gula Gr consists of mica schists, phyllite, quartzite and thin amphibolites, while this upper level of the Hersjø Fm consists of calcareous mafic to intermediate tuffs with minor mica schist layers.

Target 56 Ungerdsaisen 5. Mag. Fig 20.

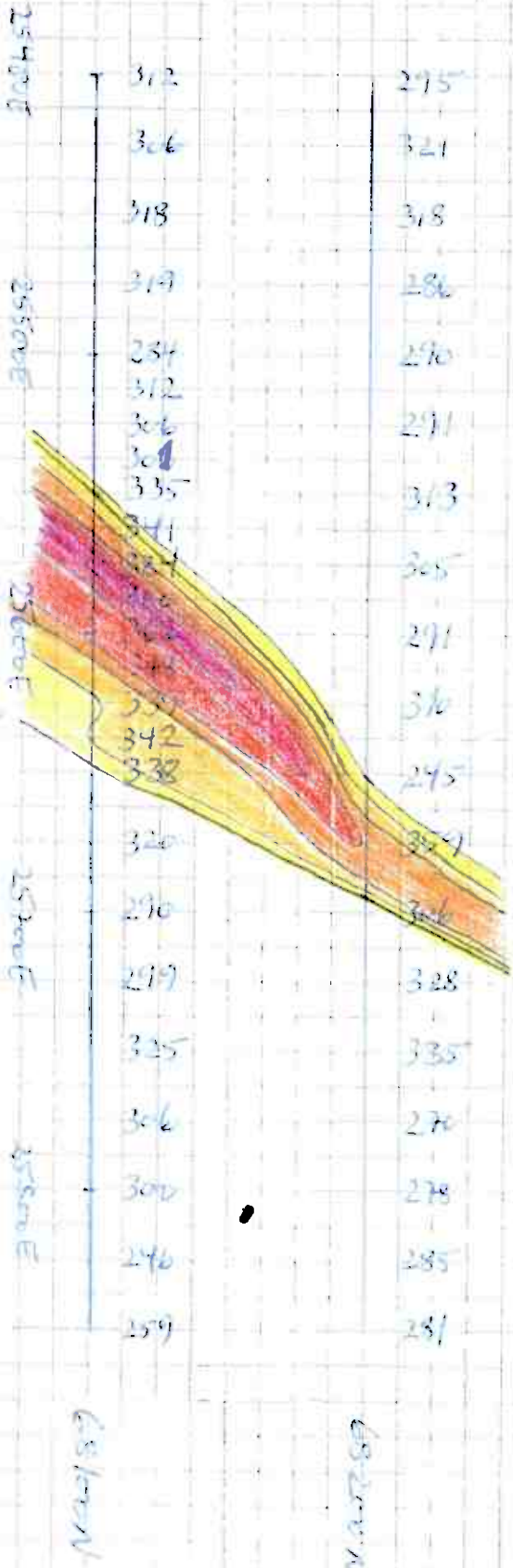


Fig. 57. Folldalen. Mag

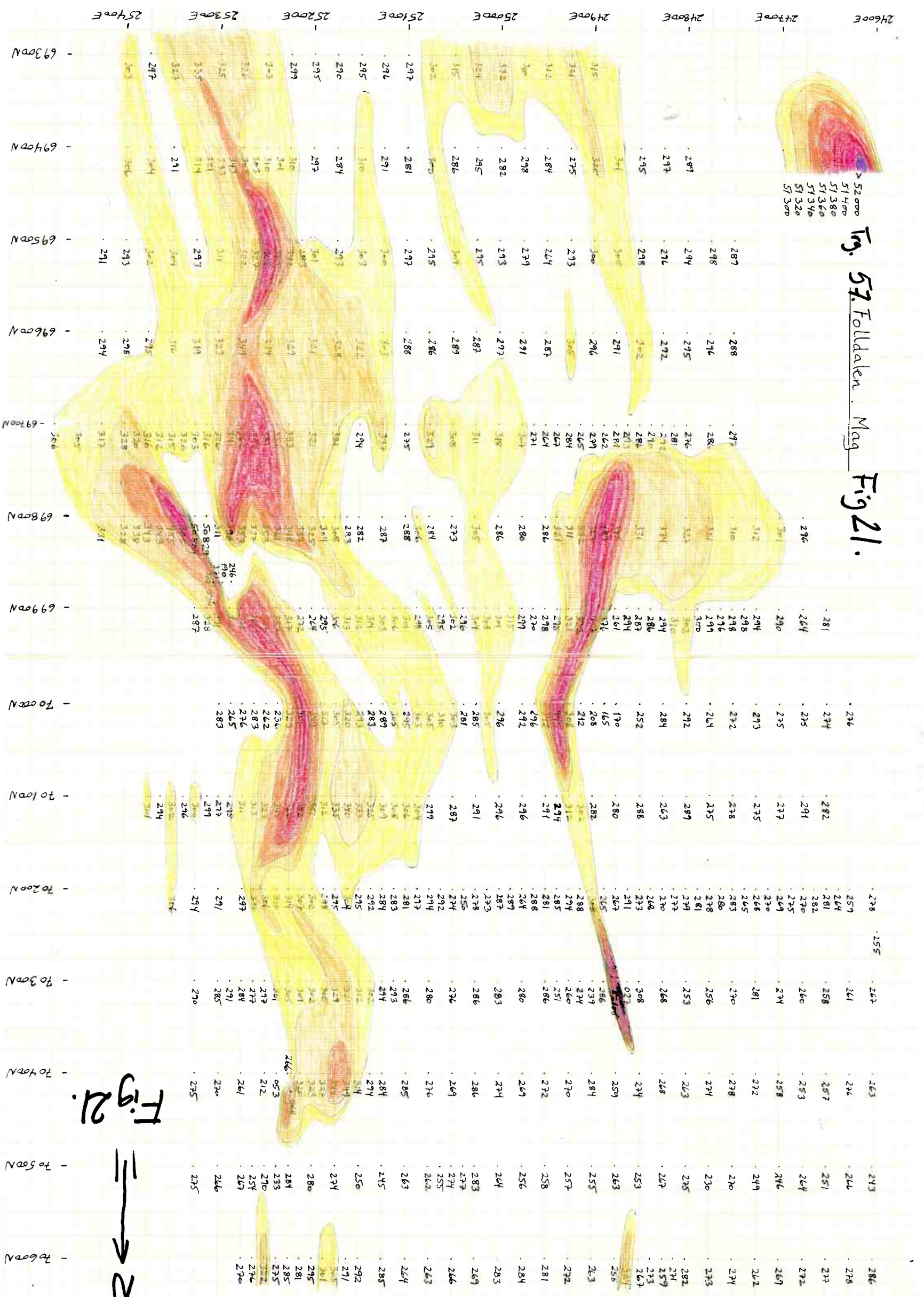
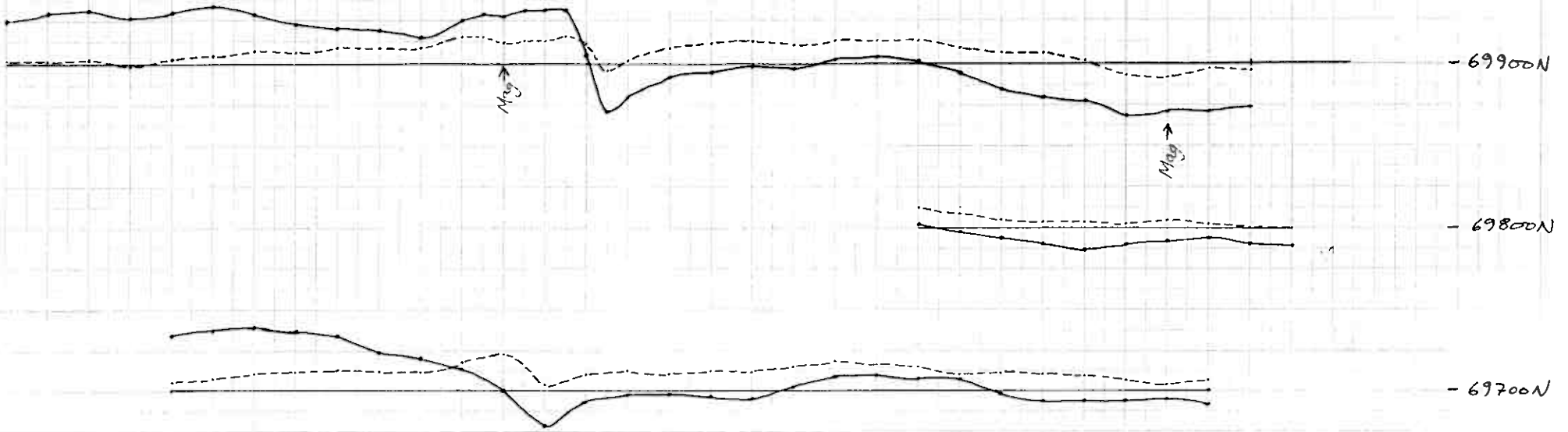


Fig 21.

Fig 21

Target 57. Folldalen. VLF(YXZ) facing E → Fig 22



24600E 24700E 24800E 24900E 25000E 25100E 25200E 25300E 25400E

Fig 22.

Target 57. Folldalen, geology + soil geochem Fig 23

25/65 39/140 31/69 43/177 24/74 28/73 39/76

47/188 37/49 27/60 29/173 29/124 27/591 29/42

38/67 29/112 20/85 75/646 36/267 30/196 30/114

25/55 33/197 46/201 32/75 27/62 72/32 24/107

15 16 17 401241 50°

27/201 24/109 29/47 32/47 40/47 31/103 28/67

31/45 22/95 43/294 55/48 23/106 26/563

22/107

103/223 18/76 28/109 34/75 57/112 25/217

29/33 39/79 41/77 32/133 32/78 38/138

25/31 80/104 28/118 32/144 26/45 18/33 32/320

30° 50° 60° 65° 30-50° 70° 50° 60° 30° 50° 30° 50° 50°

1 2 3 4 5 6 7 8 9 10 11 12 13 14

401237 401238 401239 401240

N

Legend :

- mica sch., phyllite, minor amphibolite
- mafic-interm. tuff, minor mica sch.
- mafic-interm. intrusive (porphyrite)
- in situ boulders of —"—
- 401237 × sulphide min. w/sample no.
- schistosity
- stream
- 29/33 Cu/Zn ppm content in deep overburden samples

0 100m

70600N 70500N 70400N 70300N 70200N 70100N 70000N 69900N 69800N 69700N 69600N 69500N 69400N 69300N

24600E 24700E 24800E 24900E 25000E 25100E 25200E 25300E 25400E

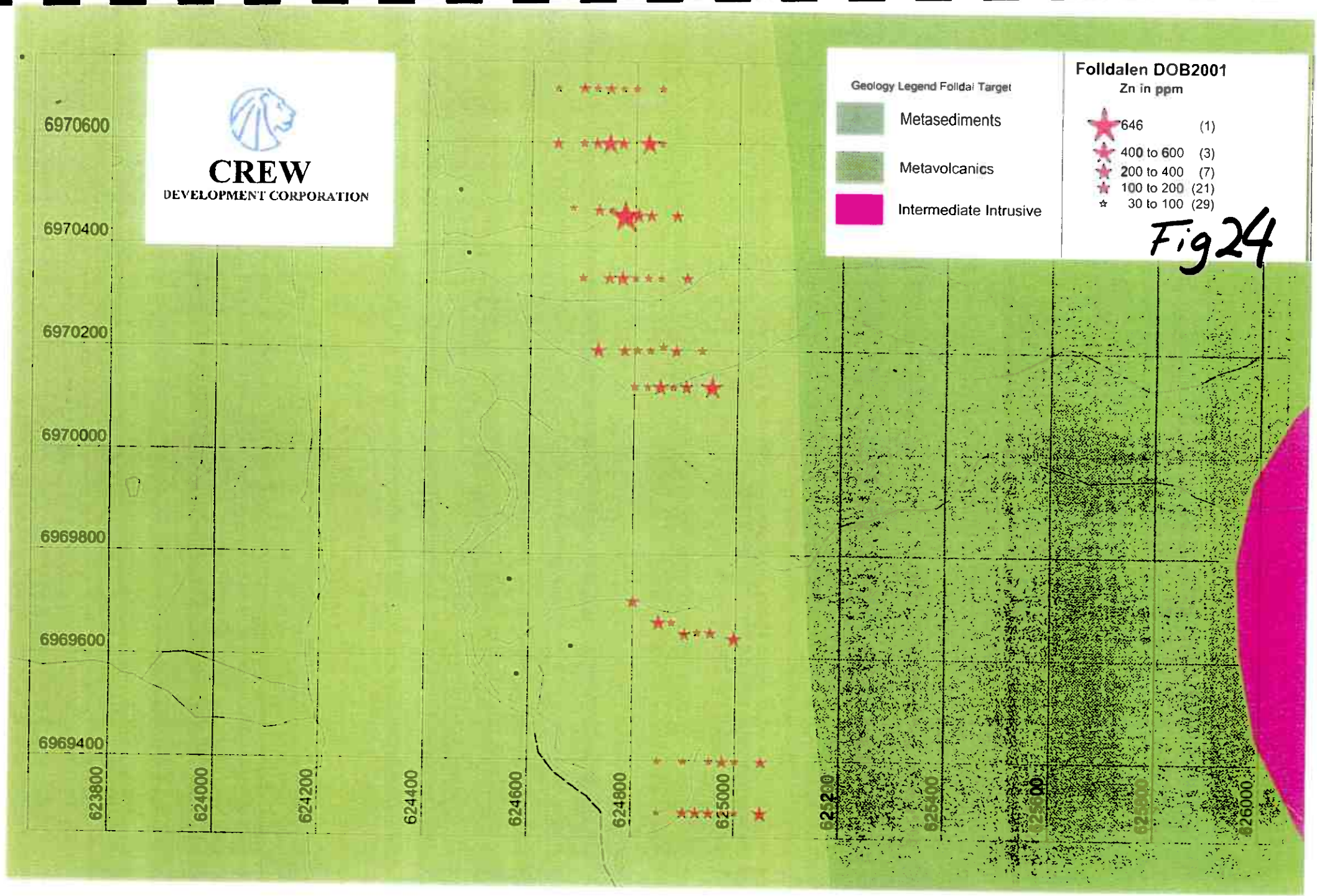

CREW
DEVELOPMENT CORPORATION
Geology Legend Folldal Target
Metasediments
Metavolcanics
Intermediate Intrusive
Folldalen DOB2001
Zn in ppm
646 (1)
400 to 600 (3)
200 to 400 (7)
100 to 200 (21)
30 to 100 (29)
6970600
6970400
6970200
6970000
6969800
6969600
6969400
623800
624000
624200
624400
624600
624800
625000
625200
625400
625600
625800
626000

Fig 24

Sulphide disseminations (samples 401237, 238, 241) are observed in two river cuts at the mag anomaly in the Gula Gr, hosted in graphite – bearing phyllite and amphibolite (see below), and in the Hersjø Fm at Finnlandsbekken (401239, 240).
9 DOB profiles cover the Gula anomaly, and scattered anomalous Zn – contents (up to 646 ppm) are associated with this trend, as well as a few up – slope from it. Only 2 VLF profiles are measured. The 69900 N profile shows that the VLF anomaly appears 50 m east of the mag trend. This could indicate an explanation for elevated Zn also east (up – slope) of the mag trend.

Description of outcrops (the numerous porphyrites, see map, fig 23):

1. mica sch (dom. bio, in places minor chl and musc) and phyllite with boudins of quartzitic mica sch and intermediate to mafic feldspar – porphyrite (fine- to mediumgrained); hydrothermalqtz veins up to 1 m thickness
2. mica sch with porphyrite / gabbro above and below
3. 2 m thick rustzone along footwall of gabbro: intermixed finegrained gnt - amphibolite with diss. and < mm – thick bands of py – po – traces cpy (sample 401237), and finegrained sch with graphite – rich layers and thin py (– po – cpy) – bands (401238)
4. finegrained, grey phyllite
5. gnt – mica sch and porphyrite
6. mica sch / phyllite with weak py – diss. and finegrained amphibolite with weak po – diss.
7. mica sch / phyllite
8. rel. felsic porphyrite with massive quartzite (with po in fractures) and intermixed mica sch and amphibolite above, and chl – musc sch below
9. mica sch (dom. bio) with minor intercalations of quartzitic mica sch, phyllite and amphibolite
10. mica sch and phyllite
11. mica sch and phyllite
12. mica sch and phyllite
13. mixed mafic to intermediate (minor felsic) tuff with carb bands and –vugs, with minor mica sch layers. At 625303 6969897: 1 – 1.5 m thick rustzone of felsic and mafic volcanics (white feldsp – qtz sch to musc sch, and amphibolite) with diss. of po, py and traces of cpy (401239); up to 4 mm thick mass. po. 1 m thick amphibolite along the hangingwall, and minor, thin amphibolite layers in the footwall sch. At 625302 6969880: ≈ 1 m thick felsic volcanic with py – diss. (401240). In the area of the min., the sch (with hydrot. qtz) is undulating
14. mixed mafic to intermediate tuff with carb bands and – vugs, with minor mica sch layers
15. phyllite
16. dark grey, silicified, phyllitic mica sch with traces of graphite and stringers and diss. of po (– cpy) – min. (401241). Chloritic mica sch above
17. amphibolite

Analytical results of five rock samples are presented in enclosure no 4.

Graphite is located in one sample (401238), however, the content of Cu and Zn is only at background levels. Sample no 401237 is anomalous in As. (221ppm).

It is recommended to extend the DOB profiles eastwards (about 60 DOB samples), and to complete the VLF survey with about 8pkm.

Target 58. Røtjønna North and South. UTM area: 21,7-22,3E/74,4-75,4N.
Like Holdsjøhøgda S, see target no 62 below, this combined EM – mag anomaly is supposed to be related to sulphide – bearing graphite schist at the boundary between the Hersjø Fm and Gula Gr. One of the DOB samples (DOB506) carried fragments of graphite schist, the sample with the highest content of Zn and Cu (150 and 184ppm respectively), and high in V and Mo. See enclosure no 6 pp 8-9 and 19-20.
Ground mag indicates one or more distinct anomalies, and the DOB program shows overlapping Zn and Cu anomaly (see fig no 25 and 26).
Deserves a quick follow – up in the field.

Target no 59. Gaulhåen. UTM area: 27,3-37,6E/70,8-71,4N.
The airborne survey indicates a possible connection between the Tjønnvollmyran N-S-striking trend and the Gaulhåen combined EM – mag anomaly, see fig 27. This is the motive for the measurements in this area. The mag anomalies in the Gaulhåen seem to trend more or less E – W. The area is completely covered. Any follow up is only proposed if positive results turns out of deep drilling at Tjønnvollmyra target.

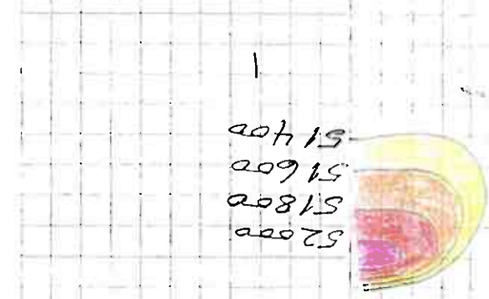
Target no 60. Moavollen. UTM area: 15,9-16,2E/74,6-74,9N.
The combined EM – mag anomaly extends southwards from the Moavollen prospect (616057 6974902). The mineralization is a ≈ 0.5 m thick semimassive sulfide mineralization in finegrained amphibolite, of folded, mm – cm – thick bands of po, py and cpy (0.16 % Cu, 42 ppm Zn). See enclosure no 4, sample no 400121. The only work done is DOB sampling (see fig 28). Only one DOB sample taken at one metre depth shows elevated contents of Zn with 226ppm, which did not upgrade this target.

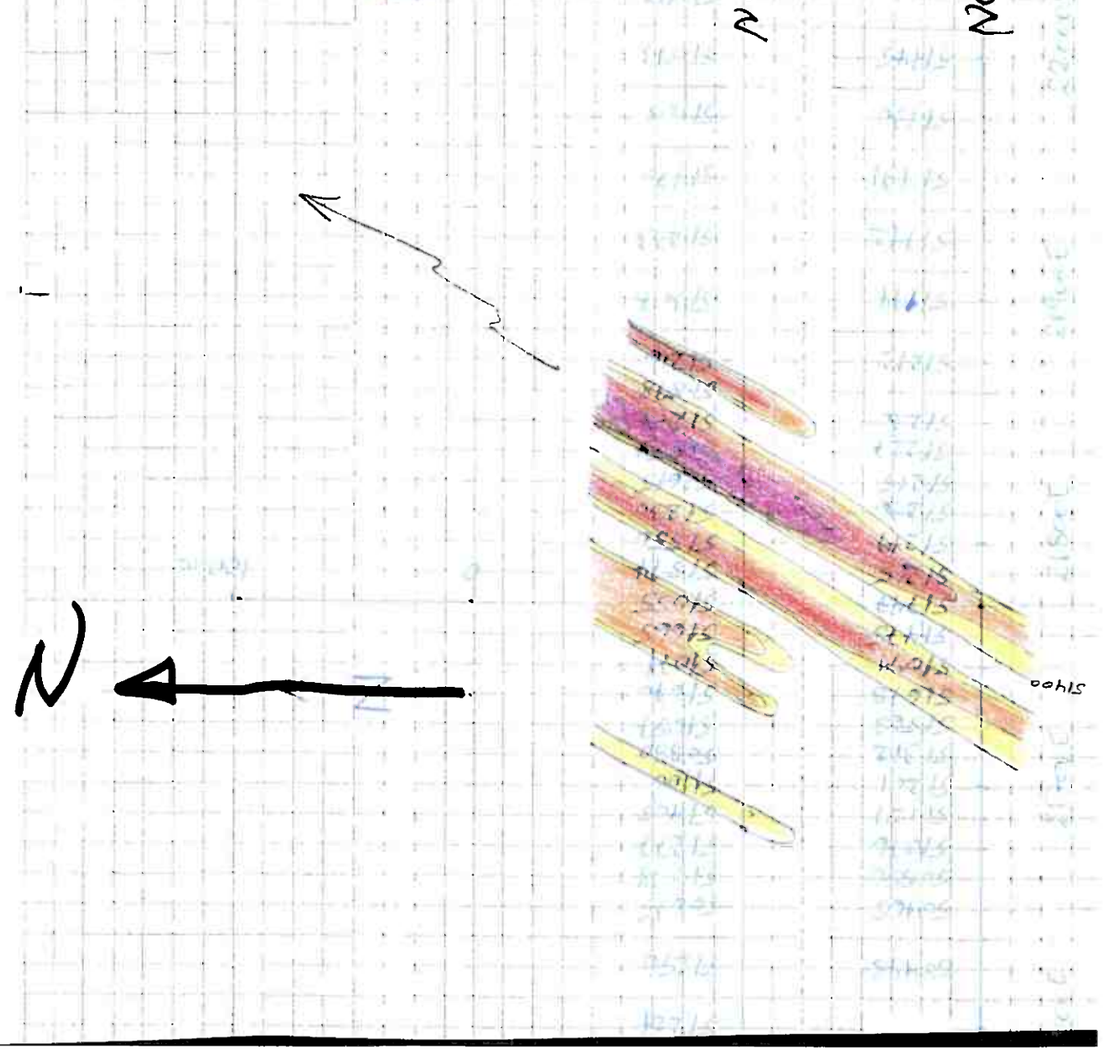
Target no 61. Andåa. UTM area: 20,9-21,2E/77,4-77,7N.
This is an extensive EM – mag trend, that, in the southern part has proved to be related to rusty, graphite – bearing blackschist at 621223 6976037 and 621000 6977000, along the boundary Hersjø / Gula (see enclosure no 3, R.Wilberg rep. of 2000, pp 6). Even though it is probable that this is the case in the northern, covered part, the area should be more thoroughly prospected, having in mind the historical prospect 200 m to the east (621284 6977868), and a possible connection in this folded volcanics. Hosted in a layer of felsic volcanic, embedded in amphibolite, the mineralization analysed up to 2.4 % Cu and 0.8 % Zn. See analytical results of rocks, enclosure no 4, samples no 399583-399587.
The Hultrå Zn – Cu occurrence (see Mindex rep. of 1998, Røsholt and Wilberg) is located 2 km north of the Andåa anomaly.
Three DOB sample profiles did not upgrade this target. (see soil DOB map fig no 29 and enclosure no 6 pp10-11 and 21-22). The average DOB depth is, however, quite shallow with an average around 0,8m, so a quick field check with some limited digging should give an answer to the cause of the anomalies.

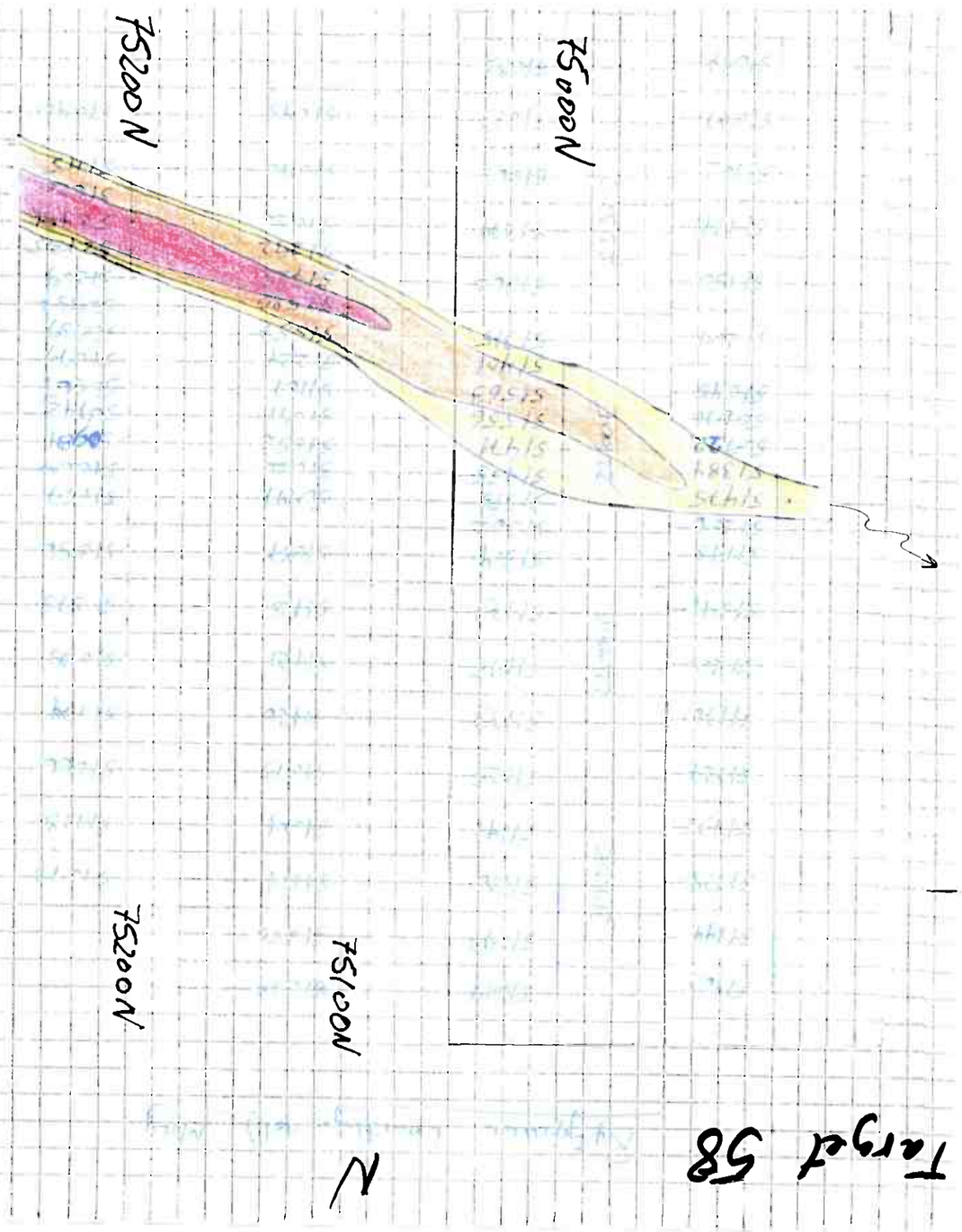
Target no 62. Stillbankan. UTM area: 25,3-25,7E/73,0-73,3N.
The airborne mag survey seem to indicate that the extensive mag trend northwards from Unsgardsåsen (Targets no 55 and 56) might bend around just SW of Holdsjøen, then running south and east. All the massive magnetite mineralizations Gamle Folldal,

Target 58 Rotjonna S, Mag.

Fig 25







Target 58 Røtjønna Fig 26

Soil geochemistry

Cu / Zn ppm

N

Contoured Zn

110 ppm
80 ppm
50 ppm

0 50 100m

3/7 115/46 48/20 3/12 42/16 36/48 6/58 29/52 12/37 21/43

32/33 38/29 62/35 41/72 20/50 15/38 59/53 24/45 6/31 1/36

45/30 35/64 5/19 24/49 34/43 52/68 58/54 13/32 20/35

19/35 67/47 8/40 28/73 4/29 154/127 52/87 25/164 184/156 34/52

23/29 21/59 20/58 15/35 64/53 18/93 4/11 59/38 23/35

7540N

7500N

7470N

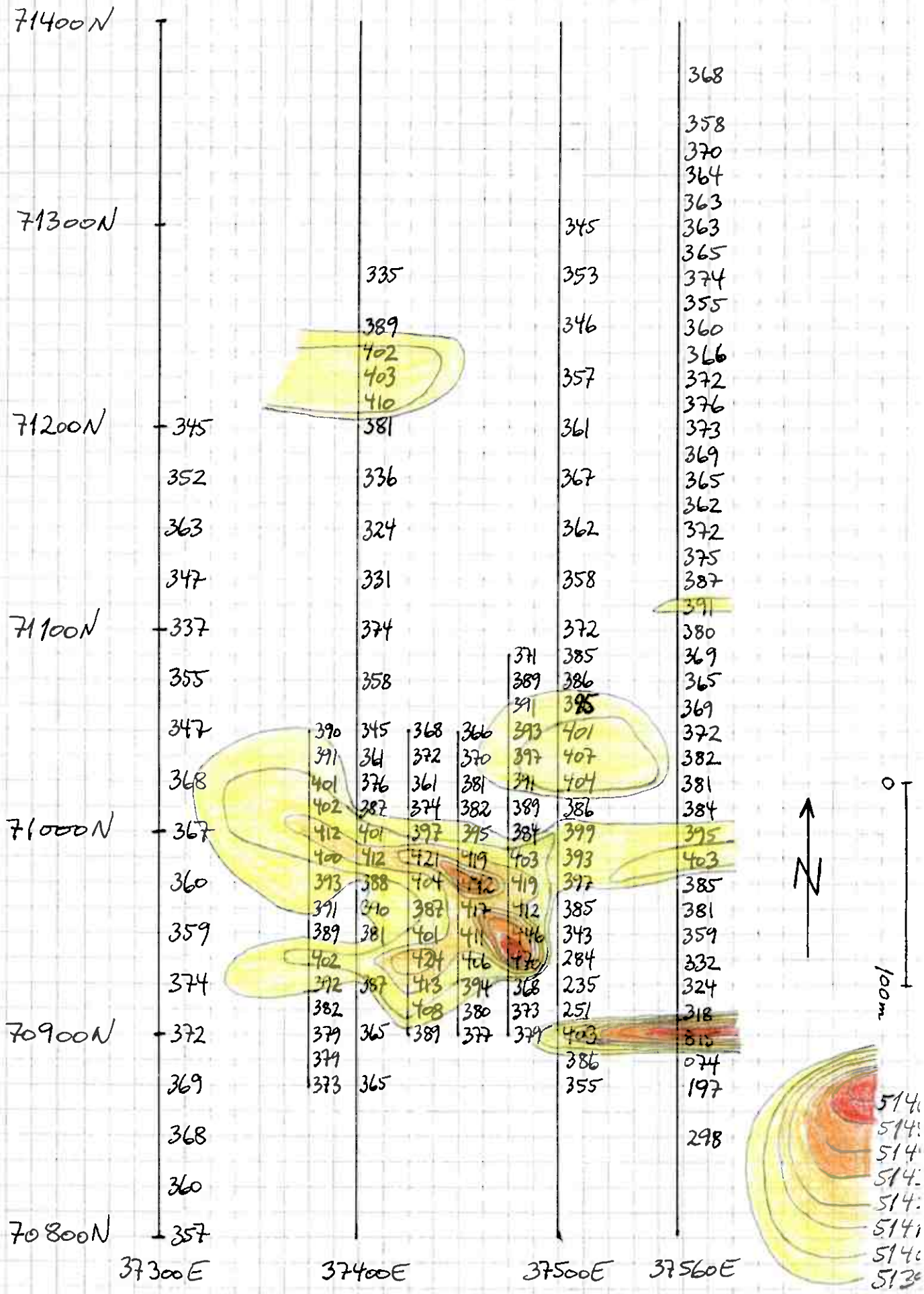
7440N

21700E 21800E 21900E 22000E 22100E 22200E 22300E

Fig 26

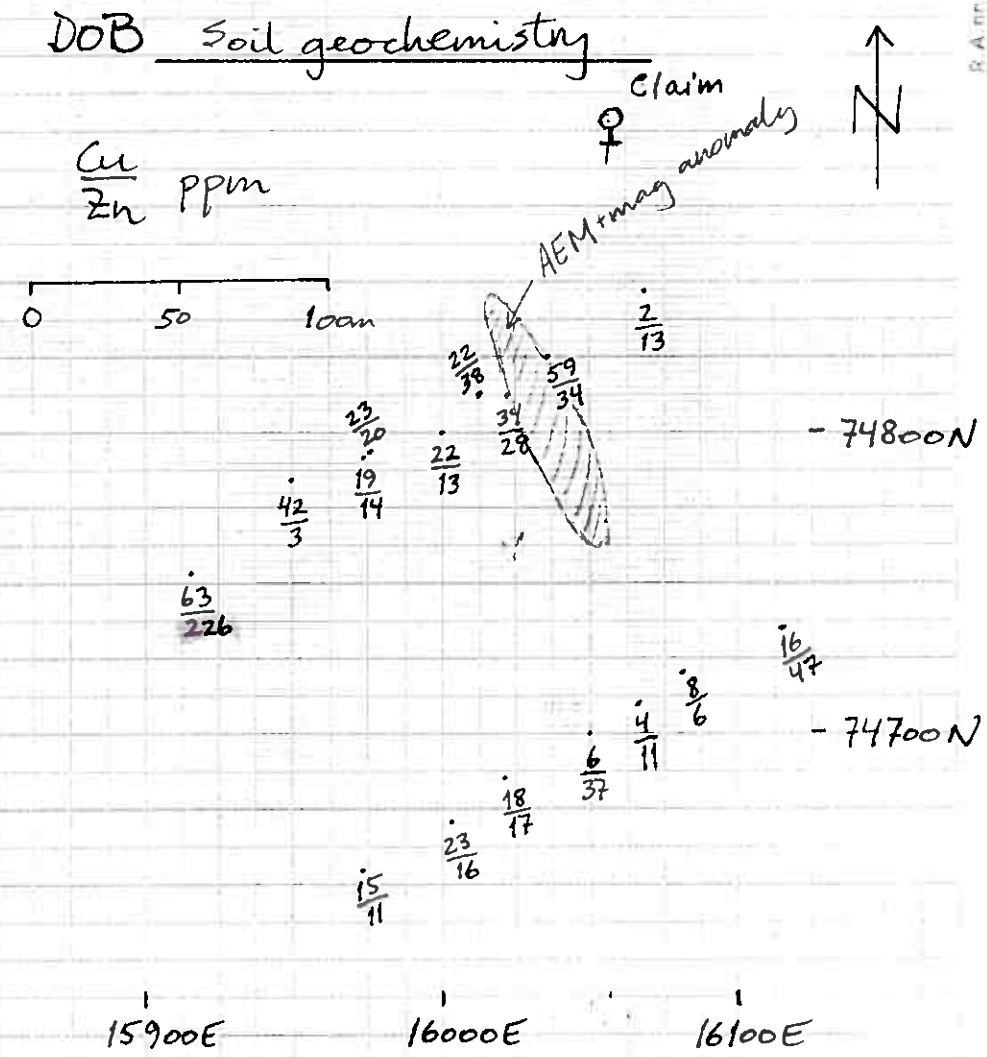
Target 59. Gaulhaen. Mag

Fig 27.



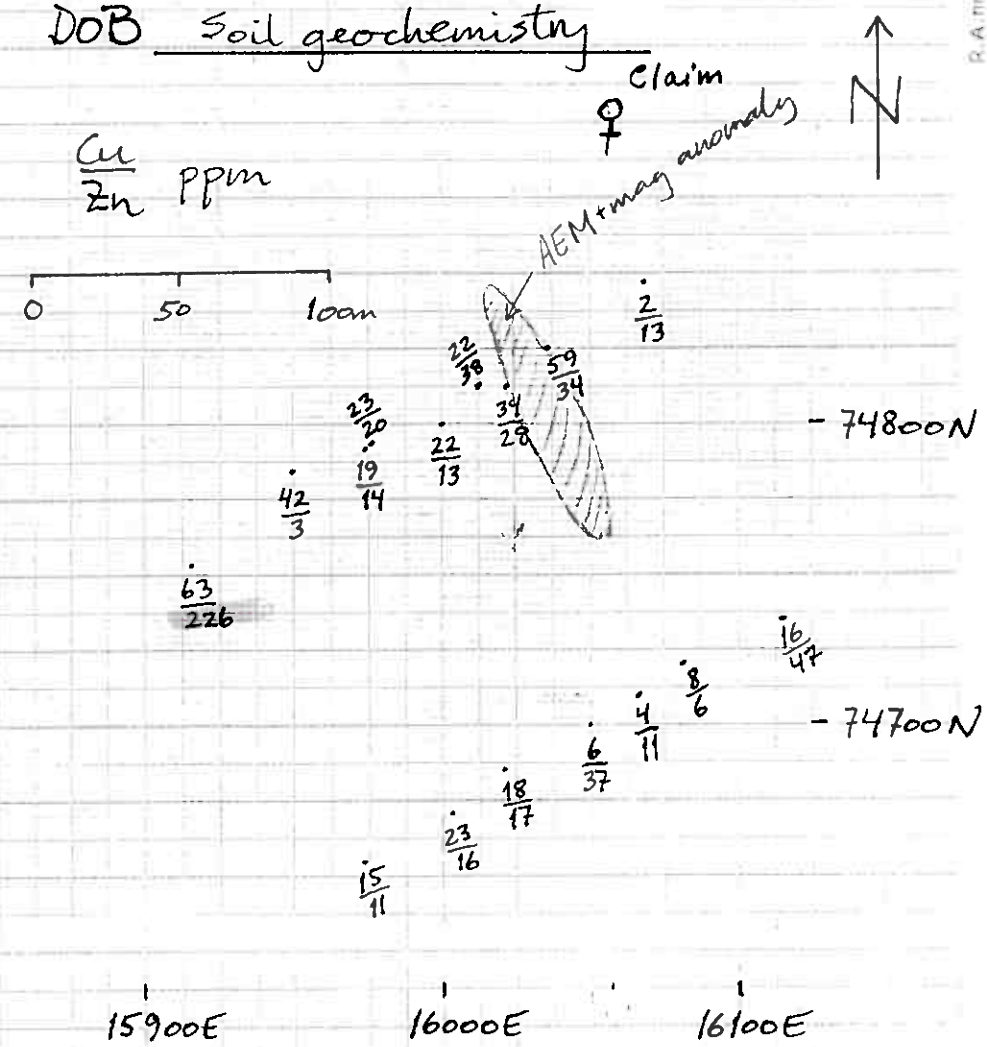
Target G. Moavollen Fig. 28.

DOB Soil geochemistry



Target 60. Moavollen Fig. 28.

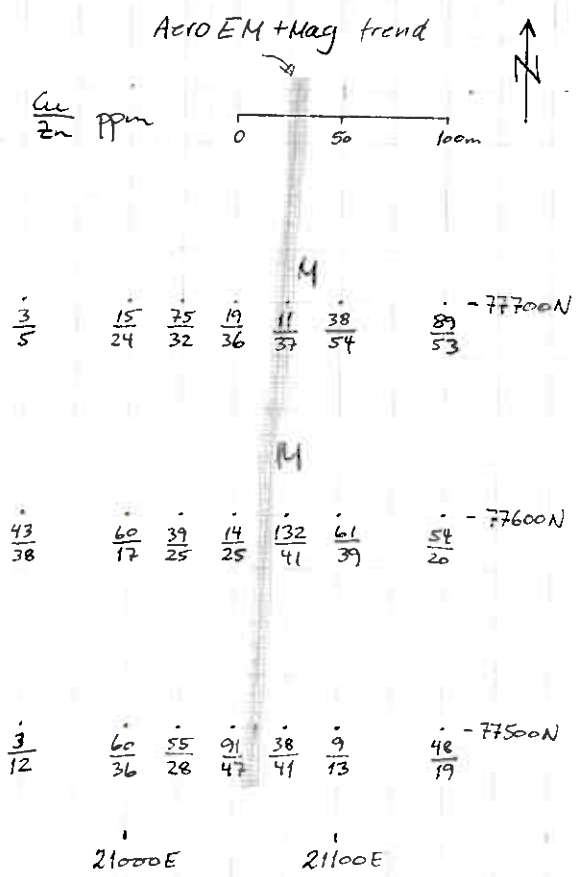
DOB Soil geochemistry



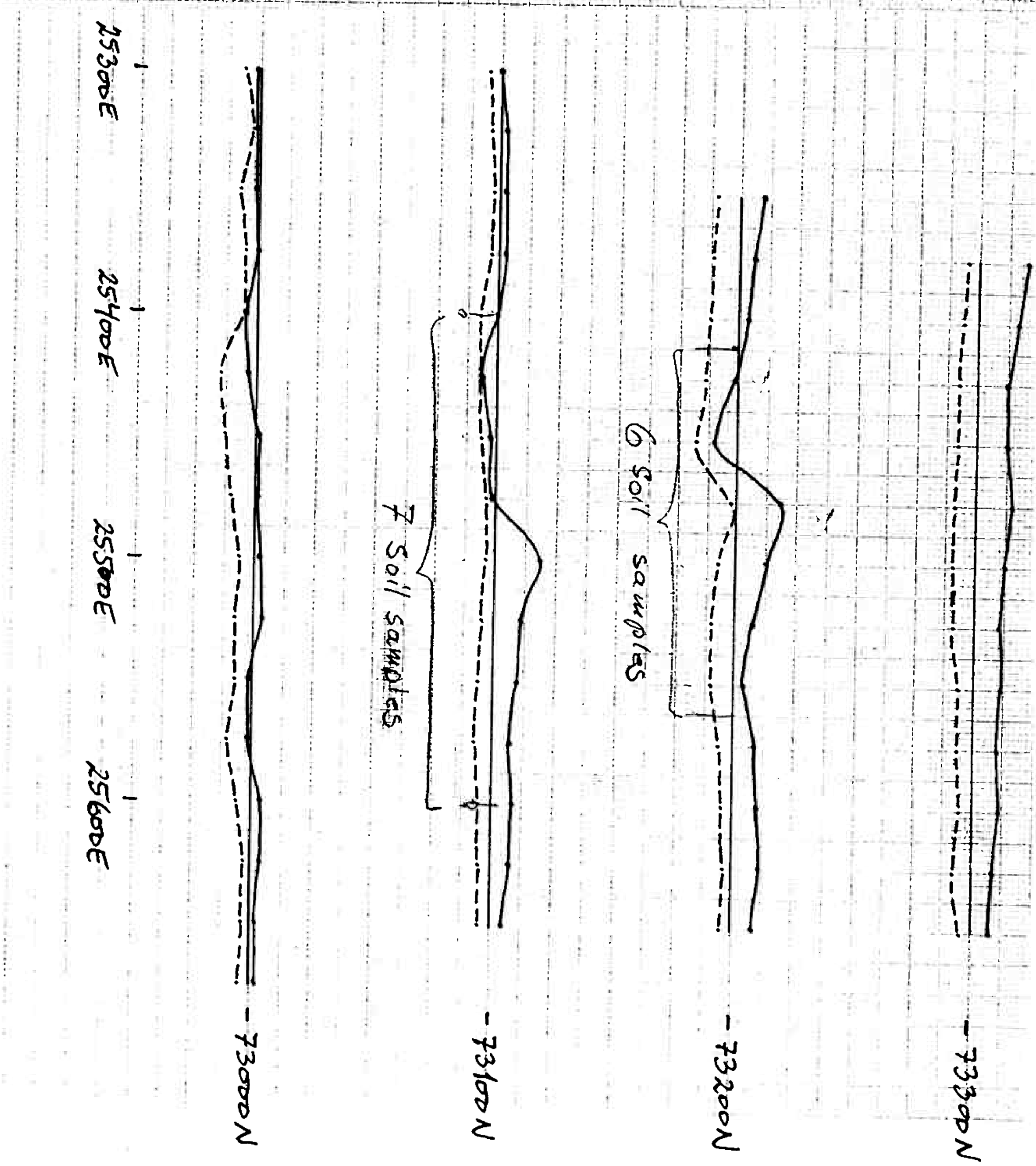
Target 61. Andaa Fig 29.

DOB Soil Geochem.

Claim



Target 62. Stillbankan. VLF (7x2) ← facing Fig 30



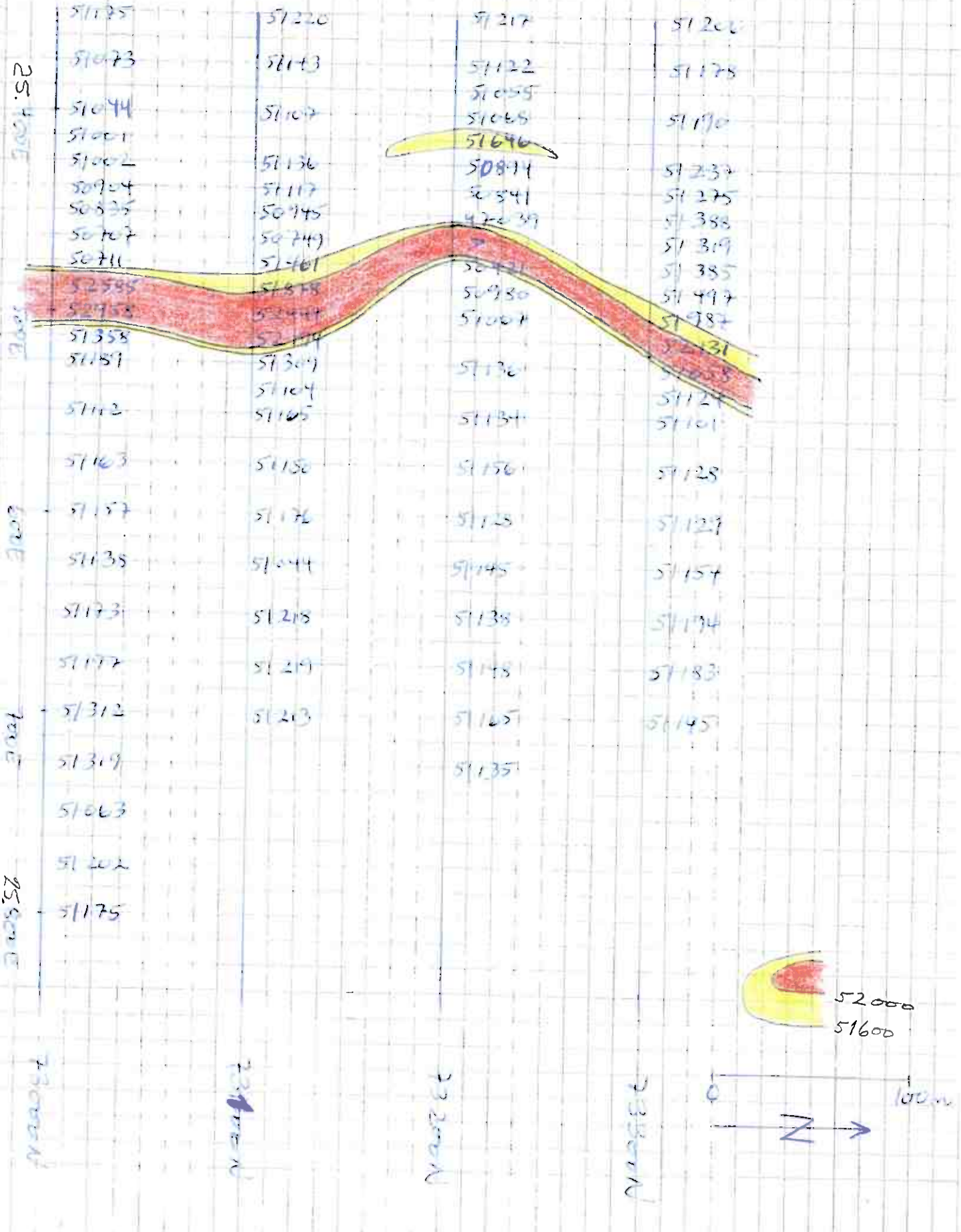
mine no 59 (+ massive sulfides), Menntjønna, claim no 60, Øvre Børklepptjørna (Claim no 61 with 1.4 ppm Au) and Stillbankan are thought to be located along this trend.
4 mag profiles cover the Stillbankan trend, showing a strong mag anomaly with coinciding VLF at 2 profiles. See fig no 30. The anomaly cause is thought to be a magnetite horizon embedded in amphibolite, containing a blue-black, Fe – rich amphibole. At 625515 6973030, a few small, local floats of finegrained massive to semimassive magnetite, and amphibolite with py – diss. are found. Rock sample no 401247, enclosure no 4 returned no significant contents of any elements. The gold content was only 19ppb.
Fig no 31 exhibits the mag ground measurement over the area.
B – horizon soil samples are collected along 2 profiles which are marked on fig no 30. Enclosure no 8 show the analytical results of the auger soil samples.
No follow up work is recommended.

Target no 63. Holdsjøhøgda S. UTM area: 23,6-24,0E/74,4-74,7N.
Only work here is two short mag profiles, traversing a strong, combined EM – mag anomaly that runs along the boundary between Hersjø Fm volcanics and Gula Gp sediments. See fig 32. The area in question is the hinge of a fold. Blackschists occur frequently at or near the border between Hersjø and Gula, and Nilsen (Nilsen, O. 1971: NGT, vol. 51, 329 – 354) has mapped blackschist at the position of the anomaly, so graphite is the assumed reason for the conductivity. The airborne mag shows a distinct mag enhancement in the area of the hinge zone, and the ground measurements show very strong mag, due to either pyrrhotite or magnetite in this area of the hinge. The area should be prospected.
3 km to the NNW, close to the contact between volcanics and sediments, is the Utrenna prospect, which reveals py (– po) – mineralization (no base metals) in blackfels. Sample no 400122, enclosure no 4 exhibits the analytical results from the Utrenna prospect. Zn and Cu shows only elevated contents while As and Mo are anomalous (436 ppm and 36ppm respectively). It is proposed that the target is followed up with additional mag survey at 0,8 pkm, VLF survey at 1,6 pkm and about 30 DOB samples.

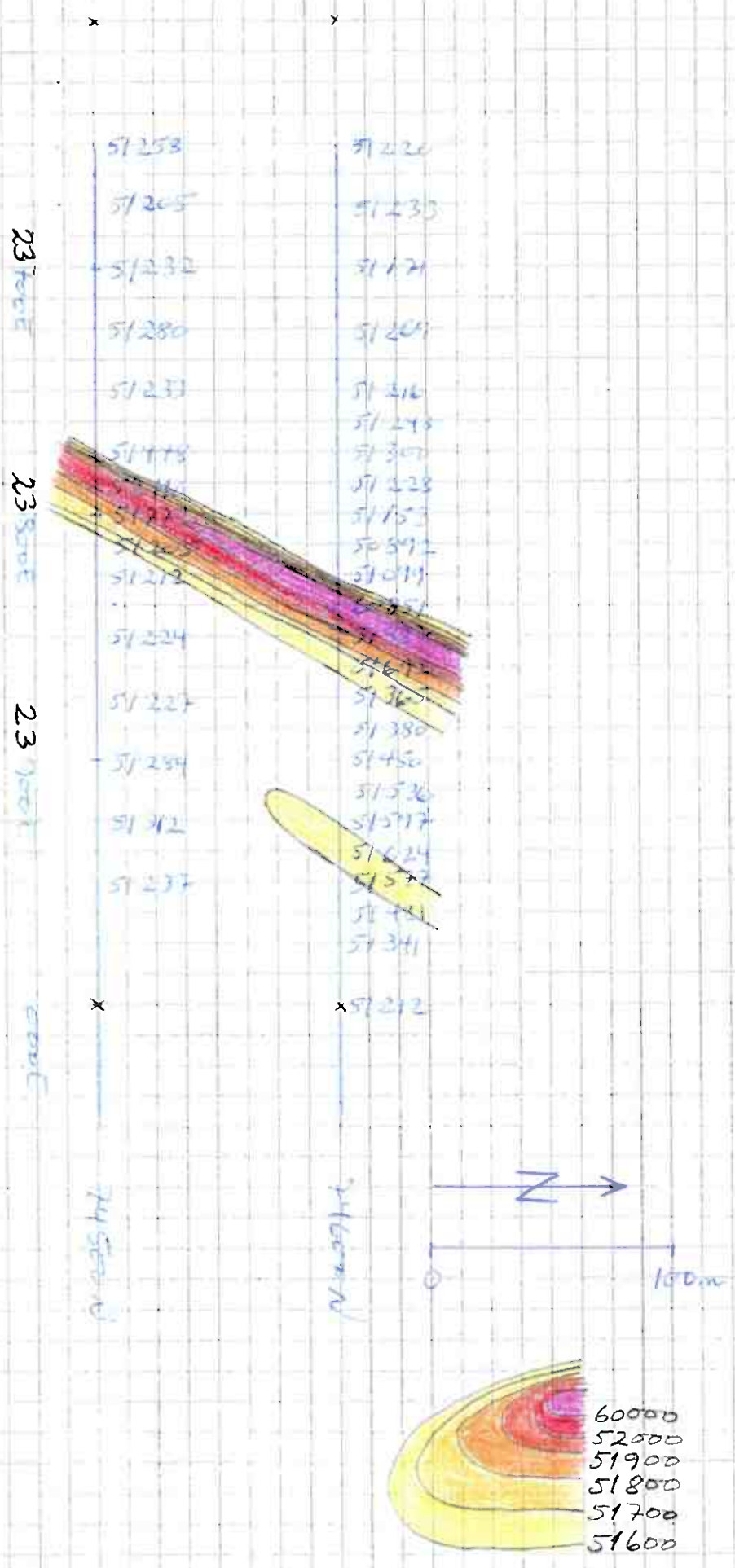
Target 64. Bønsbudalen. UTM area: 21,8-22,3E/68,7-69,0N.
4 mag profiles cover this combined EM – mag anomaly in the Hersjø Fm volcanics. A very strong, typically iron –formation related anomaly runs through the grid. The only outcrops in the vicinity of the anomaly, are found in 5 small prospects (see mag map, fig 33). They reveal both massive to semimassive magnetite mineralization, and associated semimassive po (– cpy) – mineralization, hosted in finegrained amphibolite with porphyrite sills. Strike is E - W, perpendicular to the extension of the anomaly. Cross – folding could be an explanation for such a pattern.
3 DOB profiles (see DOB geochem. Map, fig 34) are inaccurately placed over the anomaly, but should be adequate enough to conclude that the Zn – potential is small. On the other hand, Cu is anomalous above the mag trend. So is Fe, with two samples > 16 % Fe.
Enclosure no 4 exhibits the analytical results of the two rock samples no 401242 and 401243 collected from the target. Both samples are rich in Fe, 26 and 14% respectively, show extremely low contents of Zn. This result do correspond with the low Zn content in the DOB samples. For details of the DOB sample assays, see enclosure no 6 pp 6-7 and 17-18. On the suspicion of a link between the iron

Targ. 62. Stillbanken. Mag

Fig 31



Target 63. Holleja högarna -5. Maj Fig 32



Target 64 Fig 33

Mag

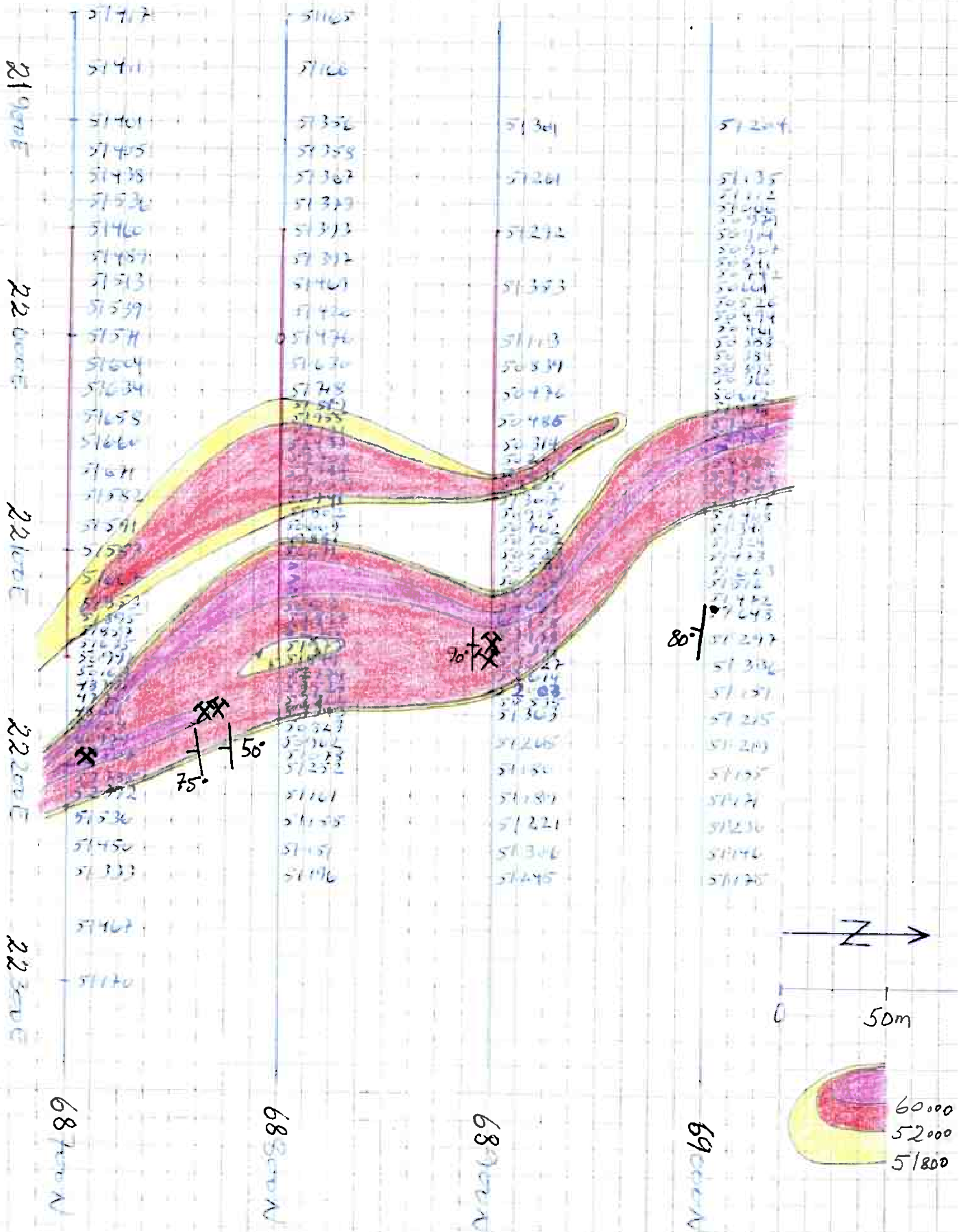


Fig 34

Target 64 Bønsbudalen

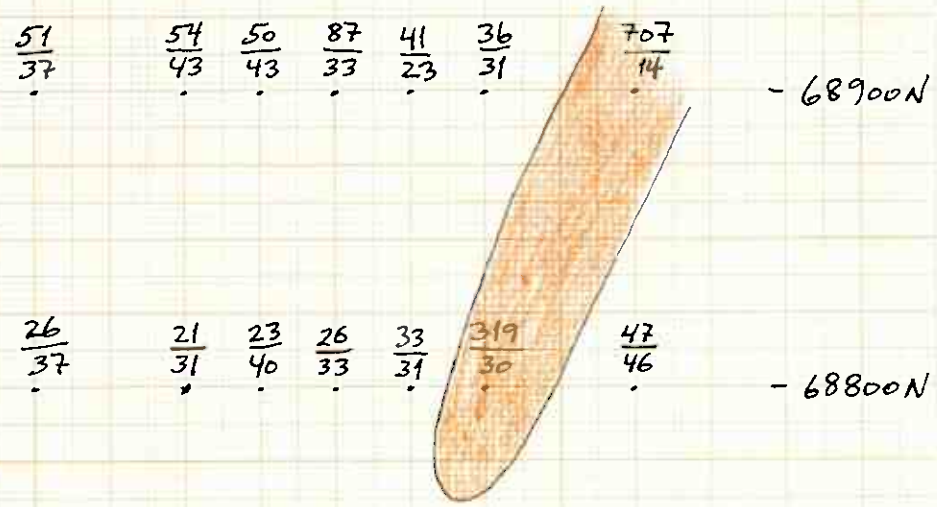
Bønsbudalen

Soil geochem.

Cu/Zn ppm

Contoured Cu

> 300 ppm Cu



formation and potential for Au, seven DOB samples were picked out for Au-assays. This test turned out negative.

Description of outcrops:

1. 622195 6968710: small digging shows massive to semimassive, finegrained magnetite in finegrained amphibolite
2. 622175 6968765: amphibolite with massive to semimassive mt – bands over a thickness of at least 1.5 m; sch: 80°/75°
3. 622174 6968771: at least 30 cm thick layer of massive mt; amphibolite above and below; sch: 85°/50°
4. 622142 6968900: small digging exposes only mafic porphyrite; dump samples show medium- to finegrained amphibolite with semimassive mt and subordinate carbonate (sample 401243); sch: 90°/90°
5. 622149 6968899: small digging exposes mafic to intermediate porphyrite; dump samples show finegrained amphibolite with semimassive po (– cpy) – min. enriched in lamellae
6. 622125 6969005: greenstone with porphyrite sills; sch: 95°/80°

No further works are recommended .

Target 65. Syndre Tverrdrøya. UTM area: 14,7-15,5E/75,7-76,2N.

This strong AEM conductor is assumed to be located along, or close to the Hersjø / Gula contact, like Sandbekken to the south. The contact, or graphite schist, was not observed.

The airborne survey indicates a limited, distinct mag anomaly at the EM trend. The ground mag picks this local mag high at 615225 6976875 – 900, where no outcrop was found, but the influence on the compass suggests an iron formation. See fig 35.

A weaker mag trend runs WNW – wards. Along this trend, at 614878 6976048, an outcrop reveals 1 m thick rusty, banded mafic – felsic tuff: amphibolite schist, white quartz – feldspar schist and silicified layers. Finegrained disseminated py is leached from these schists. Schistosity: 110°/50°. A few other exposures of amphibolite show strike between 70 - 110°/50 - 65°, and fold axis 259°/30°.

Of 3 DOB profiles, only one covers the anomaly properly. It is a very weak enhancement of Cu and Zn over the anomaly (see fig 36). Enclosure no 6 pp7-8 and 18-19 exhibits the analytical results of the DOB samples. The soil cover is rather thin, and no anomalies are recognized. No further work recommended.

Target 66. Almåsen. UTM area: 15,4-16,0E/71,6-72,7N.

Almåsen target is located in the valley-hill facing south. The area is well covered and therefore it is believed that the collected shallow soil samples may not reflect the EM anomaly. Enclosure no 9 exhibits the results of the soil samples from Almåsen grid. See also enclosure no 3, pp 8.

For not risking missing this target, it was proposed to make two DOB sampling profiles across the northern part of the EM anomaly.

Moavollen showing, target 60, (sample no 400121) is located 3km north of the Almåsen claim. It contains some traces of copper.

The Almåsen – Sandbekken EM – mag trend is most probably related to graphite schist with pyrrhotite. Ground mag fig 37, 2 DOB profiles, enclosure no 6 pp 9 and 20, and 2 B – horizon soil profiles, enclosure no 9, conducted (low in Cu and Zn). The DOB samples proved that the soil cover is only around 0,8m, and that the auger soil samples and DOB samples math well. One of the DOB samples (No 536) returned

Syndre Tverrdalya . Mag

Target 65. S Tverrdalya

Fig 35

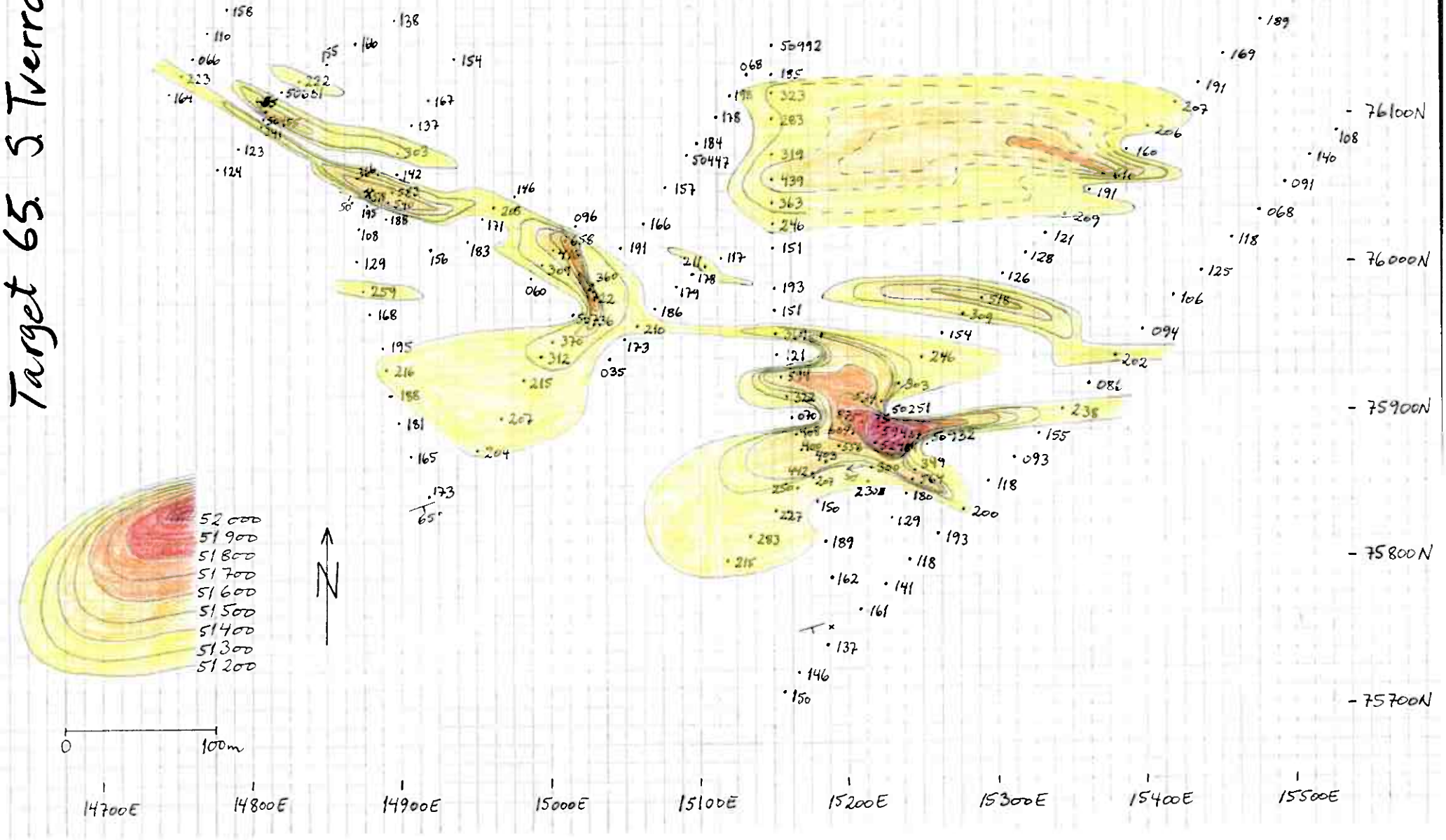
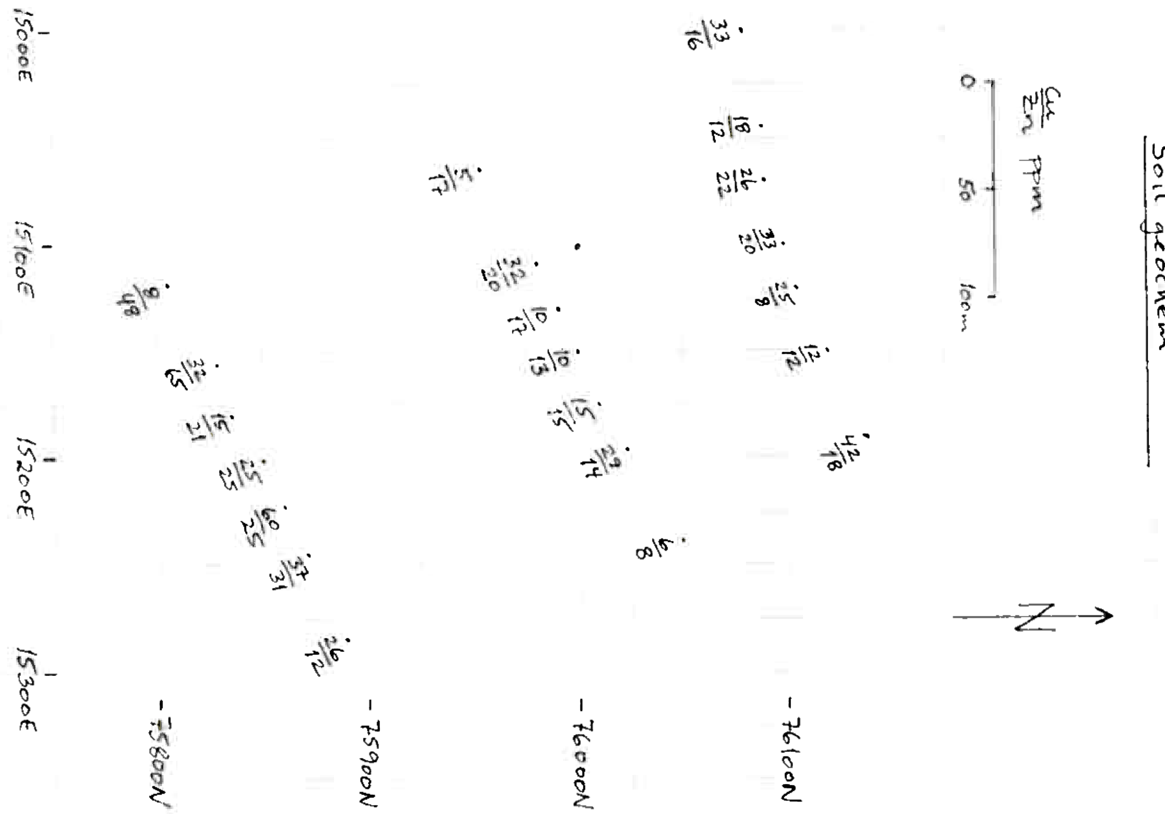
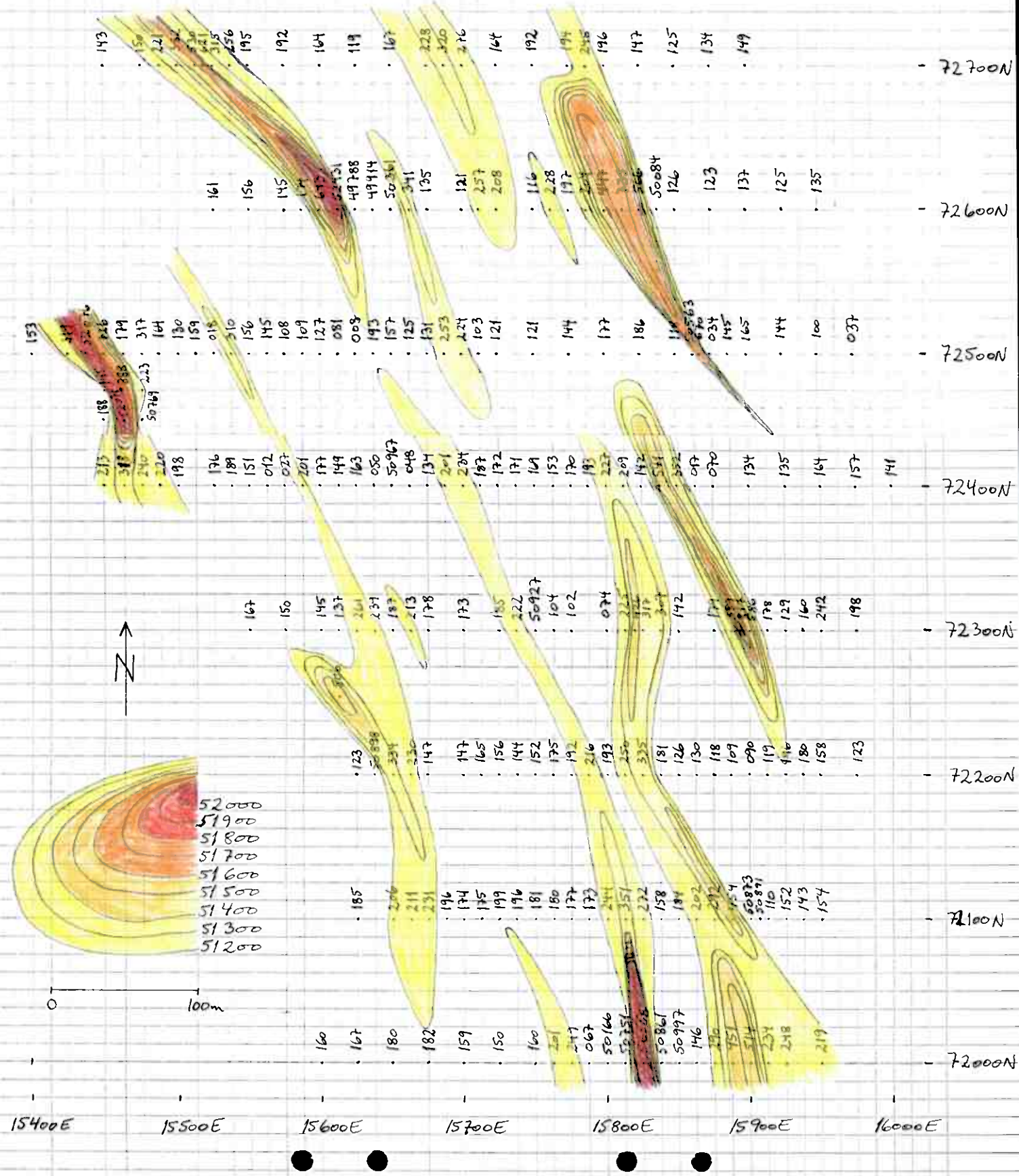


Fig 36

Target 65 S. Tverrdrøya Soil Geochem. DOB



Target 66 Almaisen . Mag Fig 37



slightly anomalous Cu-contents and anomalous contents of Mo (14ppm), V (200ppm) and Cr (158ppm). These anomalous contents indicate the presence of graphitic schist. A few scattered exposures reveal mica schist and amphibolite. No further follow – up recommended.

Target 67. Sandbekken. UTM area: 15,0-16,2E/73,9-74,2N.
This is a continuation of the trend from Almåsen. The ground geophysics indicates only one VLF anomaly, fig 38, probably related to graphitic sediments at the contact between Hersjø Fm volcanics and Gula Gr sediments. This has no associated mag anomaly. See fig 39. Frequent mag anomalies appear in the Hersjø amphibolites. In the vicinity of the easternmost, at 616057 6973950, rusty boulders of py – po – impregnated amphibolite were observed, and rusty amphibolite (po – diss.) is exposed at 616088 6973986. This is expected to be close to the level of the Moavollen mineralization.
3 DOB profiles, see enclosure no 6 pp 10 and 21, covering the VLF anomaly did not upgrade. Some elevated contents of V, Cr and Ni in the DOB samples indicate the presence of graphite schist. No further works are recommended.

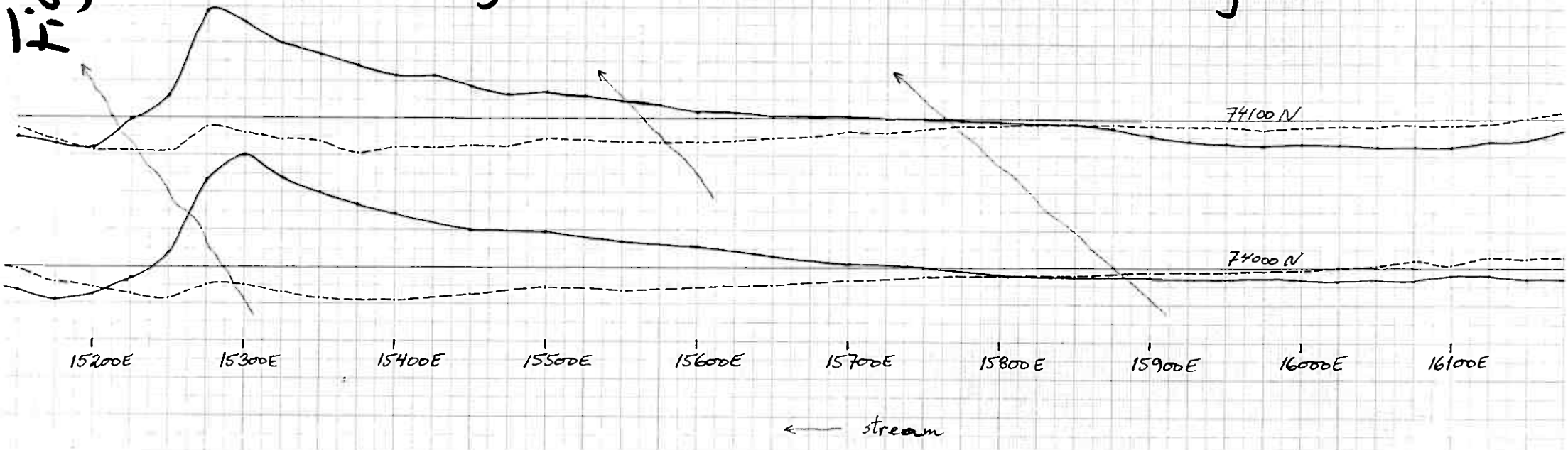
Target 68. Litlrena. UTM area: 17,5-18,9E/71,3-71,7N.
This at least 2 km long, combined EM – mag trend in Hersjø Fm amphibolite is followed with ground mag measurements over 1300 m length. See fig 40. A string of lens – shaped, strong anomalies are indicated.
The historical prospect at 618956 6971489 is located at this trend, and exploited a mt – po – cpy – mineralization (see Mindex rep. 1998). Some of the rock samples from 1998 returned moderate Au contents up to 0,5 ppm.
Enclosure no 6, pp 9-10 and 20-21 exhibits the analytical results from the DOB sampling. Most of the samples are anomalous in Ni, which indicates with the coinciding mag anomalies that it has been caused by a domination of pyrrhotite/magnetite mineralization.
Even though the quality of the mineralization is discouraging, with low base metal grades, and the DOB sampling did not upgrade, the continuation westwards from the prospect should be prospected by boulder tracing and possible outcrops in the river cuts, likewise the combined mag-EM anomaly 700 – 1000 m ENE of the prospect.

Target 69. Rensjøen. UTM area: 21,8-22,1E/73,3-73,5N.
This single – line AEM anomaly is located 1.5 km south of the Røtjønna trend, and could as well be related to graphite schist. An extensive mag trend runs from the north – end of lake Rensjøen and southwards. Enclosure no 6, pp 7 and 18 exhibits the analytical results from the DOB sampling. One single sample, no 422 located at 621925E/6973500N turned out to be anomalous in both Cu and Zn at 0,3m depth. (285 and 690ppm respectively). The single line EM anomaly pick is located at 621900-61920E/73420N. It is proposed that this EM anomaly should be followed up with 3-4 short VLF profiles and some digging or auger sampling at the anomalies. The depth to the bedrock rarely exceeds 0,5m.

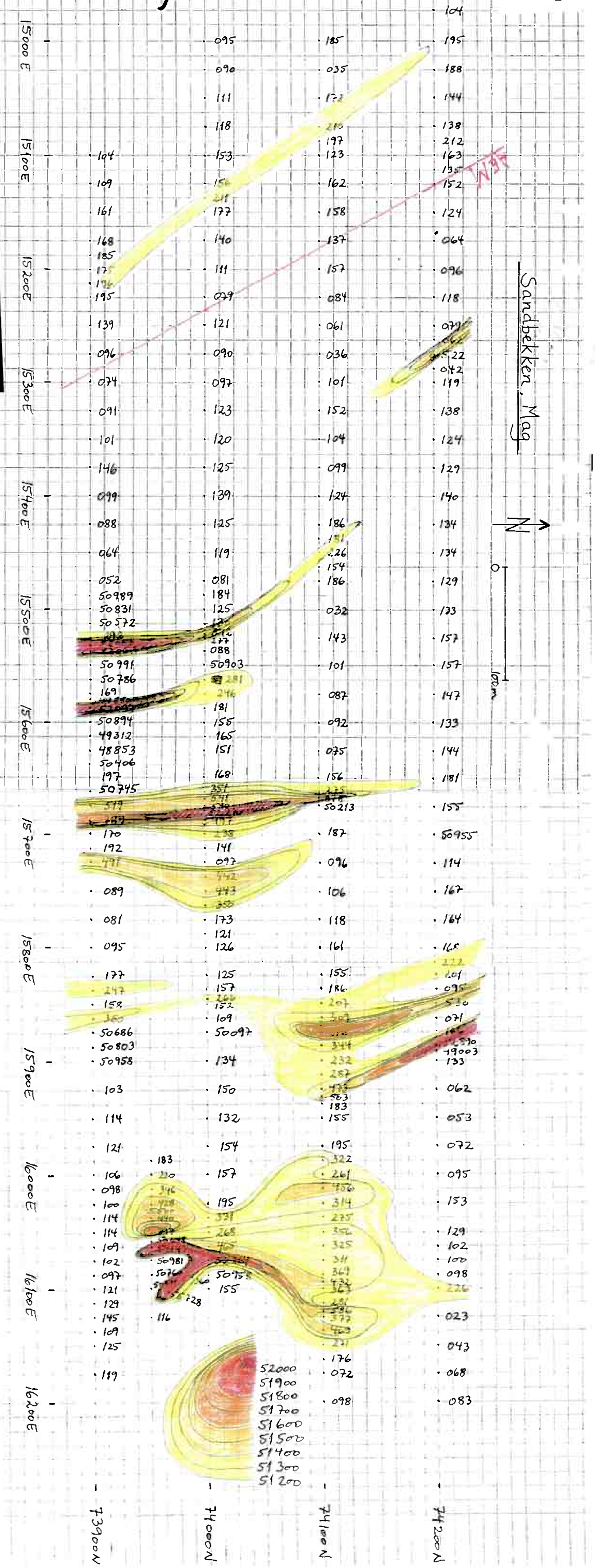
Target 70. Storhøgda. and Target 70S Storvollhøgda. UTM location: 616520E/6964600N.
These targets are located in the western part of the area which is dominated by exhalites, keratophyres, greenstones and graphitic schists. The graphitic sediments are

Fig 38

Target 67 Sandbekken. VLF (Z×Z) facing ← Fig 38



Target G7 Sandbekken Fig 39



[redacted]

Fig 39

Fig 40
Mag.

Target 68 Litlrena. Mag

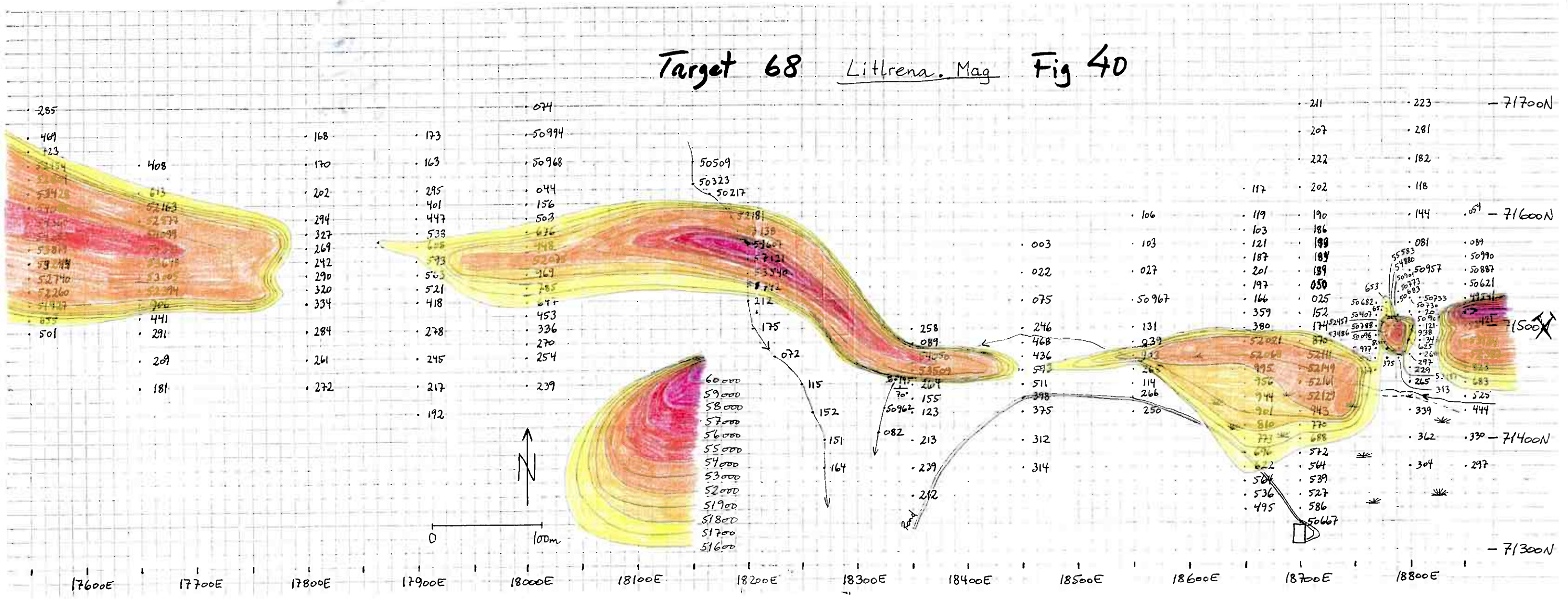


Fig 40

confined to the Gula Groups border to the volcanics. Iron sulphides are abundant, but with very small amounts of base metals. It is also common to find graphitic schists in the Hersjø formation. No more follow up is recommended. See also enclosure no 3, pp7, 8 and 10. Analytical results of eight rock samples are presented in enclosure no 4.

Target 71. Holdsjøhøgda. UTM location: 624050E/6976400N.
Location 0624050/6976400 with high mag anomaly is a gabbro with disseminated magnetite. Sample no 400136 from Holdsjøhøgda is a mediumgrained gabbro with magnetite disseminations which returned anomalous Ni and Cr contents.
No more follow up recommended.

Target 72. Blåhåmmårbekken/Grønsjøen. UTM area: 35,8-36,1E/81,4-81,7N.
This EM anomaly is located between the Allergodt and Grønskar deposits. Only a few small outcrops are found in the local stream crossing the anomaly, but no explanation of the anomaly. A number of 6 stream sediment samples have been collected and sampled, see enclosure no 10 for results. No distinct anomaly is showing up. See also enclosure no 3, pp 9.
No follow up is recommended.

Work program and budget.

The work program and budget is based on the summary of exploration work as listed in the table below.

Target list Killingdal-Menna Ore Field,
Røros Area

Target	Comments, Proposed follow up	Geophys	DOB/	Geology	Drilling/
		Pkm	AS	Days	Digging
50. Tjønnvollmyr	Surveyed and drilled in 2000. Sepr. Rep.				
	Follow up.	TFEM			1400m/
51. Jensåsbkn.	Sampled 2000 and 2001. Follow up.	1 VLF	40/		300m/
52. Kjøli S.	400m SW of Kjøli adit. Follow up.	.5 VLF,Mag	20/		
53. Svartbkn.	Mineralized black schist. No follow up.				
54. Killigd. N	Mineralized black schist. Follow up.		40/	5	500m/
55. Unsgards. Øv	Tot. covrd. Follow up Zn anomaly.	5VLF,2Mag	20/		150m/
56. Unsgards. S	Follow up if trgt. 54 and 55 is positive.	(3VLF)	(30/)		
57. Folldalen	Follow up with more VLF and DOB.	8VLF	60/		
58. Røtj. N and S	Low geochem response. Follow up.			2	/2
59. Gaulhåen	Follow up only if target 50 is pos.				
60. Moavollen	No Follow up.				
61. Andåa	Follow up with field trip and digging.			2	/2
62. Stillbankan	No Follow up				
63. Holdsjøh. S	Follow up.	1,6VLF,.8Mag	30/		
64. Bønsbudalen	No Au potential. No follow up.				
65. S. Tverrdrøya	No Follow up.				
66. Almåsen	No Follow up.				
67. Sandbekken	No Follow up.				
68. Litlrena	Au-potential? Follow up.			3	
69. Rensjøen	Follow up.	1VLF	/20		/2
70. Storhøgda	No Follow up.				
71. Holdsjøh.	No Follow up.				
72. Blåhåmbkn.	No Follow up.				
		Sum:			
	AS: Auger soil samples	12,5pkmTFEM	210 DOB	12	2350m
	DOB: Deep over burden samples	17pkm VLF	20 AS		6 days dig.
		3,3pkm Mag			

A more complete list with exact location of each target area, aero-anomalies and work carried out in the seasons of 2000 and 2001 is presented in enclosure no 11.

In total 23 targets have been followed up in the Killingdal-Menna ore fields during 2000 and 2001.
One of the targets, Tjønnvollmyr (50) was drilled in 2001. See separate report.
Ten of the targets, (No 53, 60, 62, 64, 65, 66, 67, 70, 71 and 72), turned out with negative conclusions and no follow up is recommended.
Two of the targets, (No 56 and 59), should only be followed up under the condition that the respective adjacent targets turn out positive.

The remaining 11 targets, (No 50, 51, 52, 54, 55, 57, 58, 61, 63, 68 and 69), warrants various levels of follow up of digging and detailed geological survey, DOB sampling, Auger sampling, VLF and mag survey, Trancient EM survey and core drilling.
Own field crew and one hired field geologist will do most of the fieldwork. Trancient EM and long core holes, ("wireline") will be done by contractors, while drilling of short exploratory holes will be carried out by own machine and hired local crew.

Targets Budget:

DOB and Auger sampling 16 days	á	NOK 4000	NOK 64000
VLF, Mag surveys 15 days	á	" 4000	" 60000
Geology 12 days	á	" 3000	" 36000
Digging 6 days	á	" 4000	" 24000
Assays			" 35000
Field transportation, travel			" 60000
Housing, allowances			" 40000
Exploratory drilling: 950m á 800NOK/m			" 760000
Sum			NOK 1079000

Target no 50, Tjønnvollmyr:

Trancient EM survey	NOK 100000
Wireline core drilling 1400m á NOK 900/m	" 1260000
Assays	" 60000
Logging, splitting, shipment of samples	" 40000
Geological follow up	" 80000
Field transportation, travel, housing, allowances	" 40000
Sum	NOK1580000

Grand total Killingdal-Menna area **NOK 2659000**

Below is a reference list of some relevant literature to the district.

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ENCLOSURES

Encl 1

Summary of results of ore samples from Killingdal-Kjøli ore field.

37. Tjønnvollmyran or Lille Gula (Tjønnvollmyran) UTM 0636853 6973037

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399818	267	29,5	80000	2181	7741	12	18,2
399819	131	18,3	57000	1052	6640	177	16,9
399820	395	18,8	54000	1277	5329	144	15,3

38. Stømnbekken (Strømnbekken) UTM 0637950 6968550

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399829	95	52,8	8591	35800	86000	10	> 10.00
399830	138	49,5	26000	34900	108000	223	> 10.00
399831	105	37,6	7539	24000	79000	500	> 10.00
399832	216	2,3	496	38	220	54	> 10.00

40. Bønskneppen a, b (Bønskneppen) UTM a: 0633709 6967387, b: 0634980 6967682

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399851	970	0,7	42000	110	864	< 5	8,68
399852	538	4	36000	82	613	7	13

45. Killingdal (Killingdal) UTM 0626075 6965180

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399862	67	21,9	12000	4405	78000	149	> 10.00
399863	68	19,7	77000	1074	19000	146	19,5
399864	50	12,7	22000	397	4048	378	> 10.00
399865	107	16,8	6380	2101	69000	156	14,9
399866	20	12,8	1917	8633	15000	139	14,6
399868	273	41,4	8315	5503	67000	184	> 10.00
399869	93	64,7	6827	7436	102000	222	> 10.00

Sphalerite rich boulders North of and Zn-bearing outcrops South of Bjørgåsen.
Sphalerite rich boulders are located about 0,6km N of Bjørgåsen (Killingdalen Maine Mine Entrance). Pers. Comm. Kjell Stenmark, Ternaby, Sweden. Mr. Stenmark located the Zn-rich boulders during an exploration campaign in the late seventies/early eighties. Late 1999 1-3mm narrow sphalerite bands were found about 2,2km S of Bjørgåsen at UTM 0623090E/6963167N in a psammitic rock.

107. Killingdal North (Killingdal) UTM 0626093 6965692

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399867	15	0.4	573	76	903	9	24,3

46. Skargruben or Rundhøgda (Vattåsen I and II) UTM 0622550 6961910 and 0621620 6962693.

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399855	195	6,4	62000	146	46000	7	14,8
399856	34	0,7	16000	54	16000	< 5	8,24
399857	6	< 0.2	387	7	594	8	4,46

49. Storhøgdgruben (Storhøgdgruva) UTM 0616520 6964600

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399860	37	2,1	5362	36	7408	42	> 10.00
399861	36	1,7	4449	36	59000	43	> 10.00

50. Fromgruben (Fromgruva) UTM 0615052 6965960

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399858	33	3,5	9793	51	3311	12	> 10.00
399859	63	4,2	6896	33	40000	29	> 10.00

51. Rogngruben (Rogngruva) UTM 0614179 6967602

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399821	6	< 0.2	718	19	123	160	11,5
399822	19	1	761	9	53000	54	> 10.00
399823	16	1,2	705	7	74000	88	> 10.00
399824	20	1,5	1606	16	101000	62	27,8
399825	47	4,9	16000	42	68000	42	> 10.00
399826	42	4,2	9670	33	97000	15	> 10.00
399827	9	0,5	3062	16	205	30	24,9
399828	13	0,6	2841	98	389	14	5,16

52. Litlrena (Kårslåtthøgda) UTM 0618956 6971489

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
400024	75	1,3	6893	18	626	30	> 10.00
400025	359	1	4640	< 2	89	29	> 10.00
400026	548	6	29900	13	236	18	> 10.00
400027	98	1,2	3716	< 2	84	26	> 10.00
400028	34	0,3	1024	< 2	69	14	> 10.00
400029	37	2,5	19600	< 2	99	17	> 10.00

53. Kårslått (Kårslåtthøgda) UTM 0619821 6972757 (GPS33T), 0619659 6972685

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399760	486	10	39000	63	550	149	> 10.00
399761	10	< 0.2	1357	12	271	132	7,93
399762	293	7,6	37000	67	210	131	19,1
399763	244	43,3	204800	288	644	80	> 10.00

54. Hultrå (Råen) UTM 0620831 6979882

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	Ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
400019	64	10,1	6057	689	81100	47	> 10.00
400020	312	22,8	30200	108	135600	56	> 10.00
400021	126	11,1	5480	417	85500	128	> 10.00
400022	74	20,3	5950	1271	60400	44	> 10.00
400023	41	2,5	3099	10	688	54	> 10.00

55. Skjellåfjellet (Skjellåfjell) UTM 0624213 6981590

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399833	83	6,5	8018	104	195000	27	18,7
399834	79	11,1	22000	320	77000	31	25,5
399835	21	1,8	2977	55	1490	8	7,18
399836	15	5,2	6570	58	66000	6	> 10.00
399837	69	15,7	27000	96	106000	12	> 10.00
399838	21	0,8	1252	72	3160	13	3,42

56. Heina or Veunda UTM 0627819 6981294

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399839	312	2,2	332	19	1016	477	> 10.00
399840	42	3,4	227	17	85	110	> 10.00

57. Blåhenbekken (Blåhenbekken) UTM 0626017 6977695

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399841	17	36,3	4718	36	81000	1100	> 10.00

58. Holdsjøhøgda (Stillbankan) UTM 0624895 6974335

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399806	46	2,2	6538	31	1944	10	25,5
399807	21	1,6	7350	48	9742	< 5	2,04

59. Gamle Folldalsgrube (Kongetjønnan) UTM 0626027 6972448

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399808	81	1,6	6055	25	62	< 5	> 10.00
399809	11	< 0.2	1491	8	117	6	16,6

60. Menntjønna UTM 0627484 6972639

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399810	101	0,5	67	10	144	< 5	> 10.00

61. Øvre Børklepptjønna (Øvre Børklepptjern) UTM 0627225 6971768

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399811	1429	1,4	4669	19	50	< 5	> 10.00

106. Taraldsbakken UTM 0620185 6962253

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399854	23	1,3	9947	2420	24000	8	11

Kjøli district:

In the Kjøli area a great number of small, abandoned mines and prospects delineate an extensive zone of abundant sulphide mineralization in the Røsjø formation along the strike between Øvre Gauldalen and Tydal. Most of the deposits were discovered and ultimately exploited during the 18th and 19th centuries. The Kjøli mine is the largest one; it was discovered in 1766, and worked intermittently until it was finally abandoned in 1941.

62. Svenskmenna (Gauldalsgruvhøgda) UTM 0628531 6968978

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	Ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399768	47	3,3	10000	88	1364	207	> 10.00
399769	44	6,5	19000	83	5791	213	> 10.00
399770	45	2,2	5321	22	805	147	7,98
399771	11	< 0.2	821	24	269	166	8,61
399772	1248	7,4	12000	163	9707	394	> 10.00
399773	113	9,2	8965	314	36000	221	> 10.00
399774	193	4,1	3224	153	36000	224	> 10.00
399775	571	11,8	48000	94	2146	97	> 10.00
399794	198	136,8	507	83600	349900	51	18,8
399795	193	14,2	3031	284	149000	58	16,9

63. Rørosmenna (Gauldalsgruvhøgda) UTM 0629032 6969607

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399776	770	121,4	2329	38100	342700	115	27,5
399777	113	10,4	8817	1713	115000	123	26
399778	148	4,6	18000	168	9498	91	> 10.00
399779	99	2,8	12000	108	7710	113	> 10.00
399780	59	3,7	663	9402	15000	168	10,3
399781	240	45,6	6127	21800	126000	112	> 10.00
399796	65	9,4	2587	33400	68000	38	5,35
399797	76	5,6	2348	8560	109000	10	5,86

64. Guldal (Gauldalsgruvhøgda) UTM 0629912 6970382

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399782	64	2,9	14000	72	1946	87	> 10.00
399783	31	4,7	13000	80	8871	176	> 10.00

65. Godthåb (Nyrønningsbua) UTM 0630655 6970742

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399798	332	2,9	8606	90	1621	52	> 10.00
399799	665	5,5	26000	82	1313	14	> 10.00
399800	1393	2,5	599	45	289	35	> 10.00
399801	421	4,1	19000	61	951	94	> 10.00

66. Godthåb north (Nyrønningsbua) UTM 0630517 6970944

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399802	33	1,3	5995	25	2930	25	23,2

67. Jensåsbekken west UTM 0630963 6971283

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399803	19	2,1	12000	45	941	7	> 10.00

68. Jensåsbekken UTM 0631232 6971628

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399804	28	1	5483	45	481	< 5	> 10.00
399805	36	2,3	69000	164	582	< 5	17,5

69. Kjøli grube (Kjøligruva) UTM 0633900 6973670

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399651	356	5,5	28000	44	3722	< 5	23,9

70. Midtgruben (Rundhaugen) UTM 0635514 6974434

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399812	312	5,6	16000	655	5104	162	> 10.00
399813	341	8,7	1296	1497	53000	195	> 10.00
399814	142	6,5	15000	472	35000	193	> 10.00
399815	131	7,1	28000	452	6597	52	20,3
399816	104	9,9	40000	383	1433	193	> 10.00
399817	60	1,8	9830	46	447	12	> 10.00

71. Grønskar (Skardhøgda) UTM 0636227 6977696

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399997	376	1,7	6779	10	7655	16	> 10.00
399998	122	1,8	15500	12	260	6	> 10.00
399999	120	7,9	34500	13	9189	< 5	> 10.00
400000	158	5,7	32000	10	2869	< 5	> 10.00
400001	388	9,9	66200	19	1685	7	> 10.00
400002	154	0,9	5398	7	213	69	> 10.00
400003	105	0,6	4265	4	553	< 5	> 10.00
400004	95	1,2	8682	4	397	9	> 10.00
400005	171	7,1	13100	5	976	< 5	> 10.00
400006	78	9,1	29100	30	829	10	> 10.00
400007	58	2,4	13600	8	7553	12	> 10.00
400008	38	1,5	12100	4	195	< 5	> 10.00
400009	55	1,7	21200	13	308	< 5	> 10.00
400010	78	2,6	14700	10	1291	8	> 10.00

72. Allergodt (Allergodt) UTM 0634884 6982139

Element	Au30	Ag	Cu	Pb	Zn	As	Fe
Units	ppb	ppm	ppm	ppm	ppm	ppm	%
L.R.L.	5	0,2	1	2	1	5	0,01
399989	45	1,9	11700	15	2671	9	> 10.00
399990	334	20,2	67100	80	88500	8	> 10.00
399991	315	8,7	28600	22	116900	8	> 10.00
399992	84	0,4	1216	< 2	776	7	> 10.00
399993	1008	9,7	29300	80	122600	10	> 10.00
399994	59	2,1	11800	8	3368	10	> 10.00
399995	38	1,4	9230	9	1246	18	> 10.00
399996	39	3,4	17000	15	5817	7	> 10.00

Encl no 2.

Tjonnvollmyran DOB results 2000

Sample Ident.	Grid E	Grid N	Depth	Description	Suscept.	Wt-80	Wt+80	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn
Scheme Code						PX01	PX01	FA15	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Analysis Unit						grams	grams	ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm
Detection Limit						0.1	0.1	1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2
TV001	10000	10625	0.8	Humus, brown and rusty brown soil and silt	15	26.3	7.5	4	0.5	0.03	1.01	1.97	0.05	0.4	0.13	3.1	0.11	55	66	291
TV002	10000	10700	0.8	Brown sand, minor humus. Greenish plug of sch.	12	36.2	18	-1	-0.5	0.03	1.58	2.33	0.08	0.62	0.19	4.8	0.12	63	74	600
TV003	10000	10725	1	Grey-blue silt/sand with fragm. minor humus	5	33.7	16	-1	-0.5	0.03	1.47	1.85	0.08	0.45	0.25	4.1	0.07	45	50	201
TV004	10000	10750	0.8	Grey-blue silt/sand with flakes and fragm chl. Sch	8	45.8	16.2	10	-0.5	0.03	1.6	2.2	0.08	0.82	0.23	3.5	0.13	55	69	149
TV005	10000	10775	0.55	Grey-blue sand w/Chl flakes, minor humus	3	30	5.8	3	-0.5	0.02	1.09	1.66	0.08	0.29	0.22	4.6	0.08	52	46	134
TV006	10000	10825	0.25	Grey-blue silt/sand with flakes and fragmet chl sch, minor humus	3	33.8	7.1	2	-0.5	0.03	1.15	1.51	0.06	0.4	0.25	3.7	0.09	44	53	141
TV007	10200	10792	3.7	Greybrown sand w/rock fragm	75	37.8	7.6	-1	-0.5	0.03	1.23	1.5	0.08	0.48	2.13	2.8	0.07	39	50	477
TV008	10200	10742	1.6	Greybrown, partly redbrown sand/silt	20	36	4.5	5	-0.5	0.03	1.08	1.52	0.08	0.47	0.22	3.6	0.08	42	55	700
TV009	10200	10717	0.7	Brown sandy matr. Deriv from musc-cer-chl sch.Flakes and fragm.	15	60.7	9.8	2	-0.5	0.03	1.55	1.94	0.07	0.43	0.1	4.7	0.11	65	80	457
TV010	10200	10692	0.2	Brown humus and silt	5	26.1	5	5	0.5	0.02	1.02	1.73	0.06	0.24	0.11	2.9	0.07	41	54	370
TV011	10200	10667	0.8	Dark brown humus and grey sand (musc rich)	3	35.2	18	2	-0.5	0.02	1.3	2.03	0.07	0.4	0.13	4	0.09	46	72	157
TV012	10200	10642	3.7	Grey sand with end plug of chl. Sch	10	33	20.6	10	-0.5	0.04	1.85	2.44	0.08	1.14	0.29	7.1	0.17	72	78	321
TV013	10200	10592	2.4	Greybrown silt/sand w/fragm	20	52.5	29.7	5	-0.5	0.03	1.33	1.81	0.08	0.62	0.23	4.4	0.09	50	58	715
TV014	10300	10748	0.5	Browngrey sand and gravel	8	28.9	23	3	-0.5	0.03	1.97	2.54	0.07	0.88	0.33	5.2	0.17	70	84	372
TV015	10300	10734	0.25	Browngrey, micarich matr.	5	18.5	11.5	4	-0.5	0.03	1.85	2.09	0.08	0.81	0.81	5.4	0.12	60	76	446
TV016	10300	10684	0.5	Humus and grebrown silt	5	51.3	42.1	2	-0.5	0.02	1.08	2	0.04	0.29	0.08	3.3	0.17	66	61	275
TV017	10300	10659	0.4	Brown, partly rusty sand w/chl-sch fragm	8	27.1	27.9	3	0.8	0.03	1.46	3.05	0.11	0.42	0.24	4.3	0.12	58	66	358
TV018	10300	10634	0.7	Blugrey silty micarich matr. Deriv from chl-ser-musc. Sch	15	41.7	29.6	1	0.5	0.03	2.38	2.53	0.09	0.43	0.23	4.2	0.07	49	51	325
TV019	10300	10584	0.45	Light brown sand/silt w/chl sch fragm and minor humus	13	49.3	22.6	3	-0.5	0.02	1.33	1.95	0.05	0.22	0.11	3.3	0.09	50	44	346
TV020	10400	10685	1.2	Greybrown silt	8	41.8	21.1	5	-0.5	0.02	1.34	2.3	0.04	0.38	0.12	4.9	0.13	69	71	320
TV021	10400	10660	0.4	Greybrown silt w/fragm and endplug of chl. Mica sch	15	40.5	28.3	3	-0.5	0.03	1.16	1.82	0.07	0.4	0.16	3.7	0.08	43	50	573
TV022	10400	10635	0.7	Greybrown silt w/fragm and endplug of chl. Mica sch	25	43.6	16	2	-0.5	0.02	1.15	1.64	0.08	0.35	0.16	3.7	0.07	38	42	542
TV023	10400	10610	1.2	Greybrown silt w/fragm and endplug of chl musc sch	8	59.9	13.2	6	-0.5	0.03	2.12	2.3	0.13	0.56	0.28	9.6	0.07	67	69	467
TV024	10400	10585	1.1	(Blue)grey silt with chl+musc flakes	8	48.8	21.1	3	-0.5	0.02	1.26	1.58	0.08	0.42	0.23	3.4	0.06	39	46	150
TV025	10400	10535	0.3	Humus with rusty sch fragm and minor brown gravel at the end	2	19.1	5.5	2	-0.5	0.02	0.5	0.99	0.04	0.19	0.04	1.9	0.07	53	26	169
TV026	10500	10706	0.7	Greybrown silt/sand Qtz fragm Endplug of chl sch	10	42.7	25.3	5	0.6	0.03	1.49	2.5	0.07	0.64	0.18	5	0.12	58	70	433
TV027	10500	10656	0.6	Greybrown silt/sand Qtz fragm	18	30.9	25.8	7	-0.5	0.02	1.44	2.72	0.06	0.55	0.12	4.5	0.13	64	74	430
TV028	10500	10631	2.2	Greybrown silt. Endplug of chl sch	18	52.2	21.1	13	0.5	0.03	1.61	2.2	0.08	0.65	0.23	5	0.1	56	60	587
TV029	10500	10606	1.1	Grey silt and yellow sand in bottom end, minor humus	8	42.1	17.2	6	-0.5	0.02	1.05	1.64	0.07	0.35	0.17	3.3	0.08	41	45	116
TV030	10500	10581	1.2	Greybrown silt, redbrown in bottom	18	45.7	25.9	5	0.5	0.03	1.57	2.15	0.08	0.66	0.23	5	0.1	57	65	325
TV031	10500	10556	0.8	Brown silt	15	48.4	19.2	6	0.5	0.03	1.45	2.29	0.07	0.6	0.18	4.3	0.12	59	69	514
TV032	10500	10506	0.65	Brown to redbrown silt w/endplug of chl. Sch	23	33.1	16	2	0.6	0.03	1.47	2.23	0.07	0.56	0.17	4.5	0.11	58	67	673
TV039	10600	10537	0.95	Grey, mica+chl.rich silt/sand and minor humus	8	56	41.9	3	-0.5	0.02	1.55	2.28	0.05	0.43	0.18	4.2	0.14	68	73	288
TV040	10600	10562	1.7	Grey and yellow redbrown silt	10	42.9	29.4	2	0.5	0.03	1.36	1.92	0.08	0.41	0.19	4.3	0.08	48	55	287
TV041	10600	10587	0.9	Grey and brown silt w/chl+mica flakes and fragm of chl sch	23	47.2	27.4	6	-0.5	0.03	1.52	2.32	0.08	0.79	0.18	4.9	0.13	62	72	2400
TV042	10600	10612	0.25	Grey and brown silt, fragm of chl sch	13	18.4	15.8	-1	-0.5	0.03	1.78	2.29	0.08	1.04	0.36	5.3	0.13	71	74	493
TV043	10600	10637	1	Greybrown micarich silt, endplug of musc-bio sch	8	45.4	11.8	1	-0.5	0.03	1.39	2.09	0.06	0.4	0.18	5.4	0.12	65	63	361
TV045	10800	10385	0.4	Brown silt with fragments and end plug of chl. Sch	13	38.1	17.5	4	-0.5	0.03	1.8	2.76	0.07	0.69	0.17	6.4	0.15	74	71	406
TV046	10800	10435	0.5	Greybrown silt w/minor humus. Endplug of chl mica sch	18	39	23.9	2	-0.5	0.04	1.83	2.68	0.08	0.93	0.17	6.6	0.15	76	77	542
TV047	10800	10460	0.5	Brown silt/soil and humus. Endplug of chl sch.	15	27.1	11.3	2	-0.5	0.02	0.29	0.76	0.04	0.21	0.06	1.2	0.07	34	17	198
TV048	10800	10485	0.7	Brown silt/soil w/ Endplug of chl sch.	18	28.4	19	5	-0.5	0.02	1.07	1.82	0.04	0.44	0.08	3.8	0.13	61	48	250
TV049	10800	10510	0.5	Light gr rock powder and brown silt, fragm+end pl. Of chl-ser sch	23	48.5	14.4	-1	-0.5	0.04	1.88	2.54	0.08	1	0.2	7.4	0.17	78	72	416
TV050	10800	10535	0.75	Light grey rock powd. Endpl1 chl+mica sch, 2 white qtzite	25	53.4	14.4	4	-0.5	0.04	2.14	2.79	0.07	1.43	0.17	10.2	0.21	89	79	375

Prepared by Bernt Rønsholt1/30/01

Encl. no2

Tjønnvollmyran DOB results 2000

TV051	10800	10560	0.9	Light yellowbr. Silt+rock powder. Musc-ser-chl-sch	18	43.5	29.7	6	-0.5	0.02	1.68	1.96	0.08	0.4	0.2	4.6	0.06	45	47	579
TV052	10800	10585	0.15	Lightgreen chl rock powder	15	19.7	16.9	15	-0.5	0.04	2.83	3.39	0.08	1.37	0.32	4.5	0.17	88	115	304
TV053	10800	10635	0.6	Brown to redbrown silt w/chl-sch fragm	13	44.4	23.1	7	-0.5	0.03	1.71	2.85	0.07	0.57	0.17	5.2	0.12	70	84	699
TV054	10900	10640	0.2	Humus, LOS	0	4.7	4.5	-1000	-0.5	0.02	0.15	0.34	0.04	0.03	1.04	0.7	0.01	7	5	48
TV055	10900	10590	0.9	Light grey silt w/fragm of chl sch	23	45.7	27.1	4	-0.5	0.03	1.75	2.36	0.07	0.81	0.24	5.3	0.13	65	78	612
TV056	10900	10565	0.9	Light greybrown silt w/ chl flakes	13	53.1	16.6	8	-0.5	0.03	2.04	2.75	0.08	1.03	0.25	5.4	0.18	75	88	205
TV057	10900	10540	0.5	Brown silt w/fragm and end pl of chl sch. Partly rusty yellow	13	36.4	22	7	-0.5	0.02	1.59	2.21	0.07	0.43	0.17	5.3	0.12	64	60	217
TV058	10900	10515	0.6	Brown silt/sand w/flakes of chl and mica	8	27.5	4.8	2	-0.5	0.02	1.23	1.89	0.02	0.34	0.08	2.5	0.16	57	63	115
TV059	10900	10490	1.6	Grey chl and musk nch silt	13	51.6	22.6	3	-0.5	0.04	1.95	2.48	0.08	1.24	0.22	8.1	0.16	79	75	231
TV060	10900	10440	1.5	Greengrey chl and mica nch silt w/endpl of qtz-chl sch	13	42	23	6	-0.5	0.04	1.89	2.36	0.08	1.18	0.22	8.1	0.15	77	72	226
TV061	11000	10415	0.7	Rusty redbrown silt w/endpl of chl sch	13	28.3	18.2	5	-0.5	0.02	1.56	3.08	0.05	0.49	0.09	6.1	0.14	76	75	273
TV062	11000	10465	1.2	Light greengrey (intercal of redbr) silt w/fragm of chl sch +q plug	25	40.5	29.7	5	-0.5	0.03	2.31	3.14	0.09	0.96	0.19	9.1	0.17	90	81	377
TV063	11000	10490	1.4	Light browngrey silt w/chl fragm. Plug of yell grey musc ser chl sch	18	49.2	20	2	-0.5	0.04	1.94	2.56	0.08	1.13	0.19	8.4	0.18	82	80	499
TV064	11000	10515	0.4	Grey silt/sand/gravel. Fragm of greygr chl sch. Chl sch pl. Min.hum	10	35.5	25.8	6	-0.5	0.03	1.21	1.7	0.06	0.42	0.15	4.3	0.09	50	54	132
TV065	11000	10540	0.9	Rusty yell.micarich silty matr. Fragm+endpl of musc-ser-sch	25	44.2	24.6	1	-0.5	0.02	1.87	2.39	0.04	0.92	0.09	2.5	0.16	69	47	436
TV066	11000	10565	0.5	Light grey and minor brown silt, fragm+endpl of chl sch	18	39.4	27.3	3	-0.5	0.04	1.61	2.51	0.08	0.85	0.21	4.3	0.13	62	77	595
TV067	11000	10615	0.9	Light grey and minor brown silt, fragm+endpl of chl-musc sch	13	42.5	31.9	12	-0.5	0.03	1.39	1.82	0.08	0.41	0.19	4.6	0.07	45	50	452
TV068	11100	10512	0.7	Light greybrown silt, fragm+endpl of qtz-chl-musc sch	18	46.3	29.3	5	-0.5	0.04	2.05	2.41	0.08	0.84	0.23	8.6	0.12	82	98	734
TV069	11100	10462	3.2	Light greybrown silt, endpl of chl sch	45	46.5	37.4	10	-0.5	0.03	1.98	2.38	0.08	0.86	1.3	5.6	0.11	64	67	1220
TV070	11100	10437	2.7	Lightbrown silt, dark grey phyllitic mica-sch fragm	25	52.6	30.4	10	-0.5	0.03	1.86	2.52	0.08	0.76	0.23	5.3	0.11	66	74	736
TV071	11100	10412	2.9	Lightbrown silt	35	45.6	34.9	13	-0.5	0.03	1.85	2.36	0.08	0.64	0.32	5.2	0.11	60	70	639
TV072	11100	10387	0.65	Lightbrown silt w/ fragm. Stop on boulder?	13	46.6	17.1	8	0.6	0.02	1.45	2.25	0.06	0.44	0.13	4.9	0.1	55	62	623
TV073	11100	10362	2.4	Brown silt fragm+ endpl of darkgrey sch	25	51.2	30.4	9	-0.5	0.03	1.86	2.57	0.07	0.7	0.23	5.5	0.1	61	67	606
TV074	11100	10312	1.4	Greengrey silt, endplug of mica-sch	25	49.9	26.6	5	-0.5	0.06	2.37	3.14	0.09	1.89	0.23	12	0.35	119	100	188
TV075	11200	10387	1.7	Light brown silt, qtz fragm. endpl of chl-mica sch	23	52	21.4	1	-0.5	0.04	1.88	2.68	0.08	1.14	0.2	7.1	0.24	82	85	469
TV076	11200	10437	1.1	Light greybrown (intercal of redbr.) silt, fragm +plug chl mica sch	23	54	22	7	-0.5	0.03	2.04	2.65	0.08	0.62	0.18	5.8	0.13	65	66	546
TV077	11200	10462	2.9	Lightbrown silt chl sch endplug.	28	48.2	30.3	7	-0.5	0.03	1.85	2.27	0.08	0.68	0.33	5.5	0.16	66	72	674
TV078	11200	10487	1.2	Geygreen chl nch silty matr. Intercal yellowred ser matr chl-ser-pl	18	54.5	19.1	6	-0.5	0.02	1.77	1.88	0.08	0.31	0.15	4.7	0.04	44	43	306
TV079	11200	10512	0.7	Greybrown, intercal darkbrown, silt, fragm+ plug of chl sch	23	37.1	32	-1	-0.5	0.03	2.21	3.63	0.07	1.05	0.19	6.1	0.17	84	102	594
TV080	11200	10537	1.2	Lightbrown silt, fyllitic fragm, micasch plug	18	45.6	23.3	-1	-0.5	0.03	1.86	2.79	0.07	0.93	0.16	6.4	0.16	75	93	431
TV081	11200	10587	0.9	Redbrown silt, mica-sch fragm	23	44.9	20	7	-0.5	0.03	1.63	2.36	0.07	0.81	0.17	5.4	0.16	65	74	649
TV083	11700	10600	1	Lightbrwn silt+lightgrey mc-chl nch rockpdr Plug chl-ser-musk-sch	18	47.6	28.4	2	-0.5	0.02	2.24	2.58	0.09	0.29	0.2	4.6	0.06	43	49	1260
TV084	11700	10575	1.7	Lightgrey chl micarich matr. Chl-sch plug	33	42.9	30.7	-1	-0.5	0.03	1.92	2.2	0.07	0.49	0.17	4	0.08	45	49	355
TV085	11700	10550	1.7	Light brownish greyu silt/sand. Fragm of chl sch	25	58.9	17.9	5	-0.5	0.04	1.77	2.39	0.07	1.12	0.15	8.7	0.19	76	71	257
TV086	11700	10525	1.2	Light grey and minor brown silt. Fragm of chl sch	28	57.5	19.3	4	-0.5	0.04	1.86	2.59	0.07	0.97	0.17	7.2	0.19	77	70	359
TV087	11700	10500	0.35	Redbrown soil/silt. Chl sch fragm	13	35.3	18.9	4	-0.5	0.03	1.48	3.1	0.05	0.75	0.08	7.3	0.17	79	76	188
NIST 8606						-3000	-3000	-3000	1.8	0.03	0.36	1.53	0.17	0.11	8.9	2.2	0.1	34	24	5190
DUP-TV001						-3000	-3000	3	0.6	0.03	0.95	1.84	0.05	0.38	0.12	2.7	0.1	50	60	262
DUP-TV013						-3000	-3000	4	-0.5	0.03	1.33	1.81	0.08	0.62	0.23	4.1	0.09	48	55	683
DUP-TV025						-3000	-3000	-1000	-0.5	0.02	0.45	0.88	0.04	0.17	0.04	1.5	0.06	48	24	149
DUP-TV043						-3000	-3000	1	-0.5	0.02	1.41	2.13	0.06	0.4	0.18	5	0.13	61	62	338
DUP-TV056						-3000	-3000	10	-0.5	0.03	1.96	2.57	0.08	0.94	0.26	5	0.16	67	82	189
DUP-TV068						-3000	-3000	3	-0.5	0.03	1.9	2.28	0.09	0.81	0.24	8	0.12	77	92	713
DUP-TV080						-3000	-3000	-1	-0.5	0.03	1.94	2.9	0.07	0.98	0.16	6.3	0.15	76	94	432

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Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	pp0m
0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5
3.1	11	82	112	62.6	-3	5.8	4.8	4.7	3	-0.2	-1	-10	-5	67	9.4	-10	11	6
3.27	16	71	84.1	80.5	-3	6.4	14.1	8.5	4	-0.2	-1	-10	-5	99	22.6	-10	13	10
2.48	12	52	109	76.9	4	9.3	11.9	12.5	2	-0.2	-1	-10	8	67	19.7	-10	21	-5
2.78	14	64	40.3	56.5	-3	6.6	7.9	5.8	3	-0.2	-1	-10	-5	111	22	-10	6	6
2.24	10	35	25.5	44.2	-3	7.8	18.8	6.7	3	-0.2	-1	-10	-5	64	28.6	-10	12	6
2.18	12	41	23.8	50	5	7.2	10.5	6.8	3	-0.2	-1	-10	6	59	17	-10	7	-5
2.43	13	47	37.2	48.5	9	51.6	10.6	11.3	2	0.4	-1	-10	-5	63	17.6	-10	12	-5
2.55	13	55	47	71	-3	8.2	12.9	11.5	2	0.2	-1	-10	-5	74	17.6	-10	8	6
4.9	12	45	133	76.2	9	3.8	5	9.8	5	0.2	-1	-10	-5	52	7.8	-10	18	-5
2.41	10	38	28.6	43.2	4	5.3	7.7	5.4	1	-0.2	-1	-10	-5	39	13.2	-10	14	-5
2.25	9	40	28	42.2	-3	5.5	11.5	6.3	2	-0.2	-1	-10	5	58	19.5	-10	7	-5
3.34	11	44	18.8	58.1	-3	8.7	16.6	7.6	4	-0.2	-1	-10	-5	188	21.7	-10	4	6
2.9	13	54	58.5	66.2	-3	9.2	13.7	11.4	2	-0.2	2	-10	-5	100	20.4	-10	13	-5
3.57	19	72	106	91	-3	8.7	9.3	6.9	4	-0.2	-1	-10	6	135	17.7	-10	10	14
3.12	14	83	47.8	62.8	-3	13.3	17.6	7.8	3	-0.2	-1	-10	-5	91	27.5	-10	5	-5
3	11	38	57.4	50.2	-3	3.2	10.7	5.5	2	-0.2	-1	-10	10	44	17.1	-10	18	-5
3.36	14	54	43.9	58.6	4	5.7	10.2	6.2	4	-0.2	-1	-10	-5	51	19.8	-10	10	-5
2.88	13	42	19.6	53.9	-3	5.3	9.2	6.4	4	-0.2	-1	-10	9	40	14.9	-10	4	-5
2.65	8	33	21.2	41.2	-3	4	8.5	5.8	2	-0.2	-1	-10	-5	36	12	-10	8	-5
3.25	11	48	32.4	50.2	-3	4.4	9	4.4	3	-0.2	-1	-10	6	60	15.4	-10	8	-5
2.55	10	52	111	53.4	-3	5.8	10.9	7.3	2	-0.2	-1	-10	-5	65	15.9	-10	6	-5
2.61	11	47	36.4	45.9	7	5.5	11.2	10	1	0.3	-1	-10	-5	51	14.7	-10	7	-5
2.81	12	34	1.7	49.2	-3	4.5	13.7	7.2	3	-0.2	-1	-10	-5	90	17.9	-10	2	-5
2.06	10	44	53	58	-3	7.4	11	11.1	1	-0.2	-1	-10	9	59	18.2	-10	11	6
2.13	5	14	-0.5	16.8	6	3.3	2.4	3.1	3	0.5	-1	-10	6	29	6.3	-10	9	-5
3.18	14	54	47.4	62.9	11	6.1	12	6.4	3	0.2	-1	-10	-5	93	22.7	-10	10	-5
3.06	12	52	32.8	55	8	4.1	7.7	4.8	3	-0.2	1	-10	-5	78	11.8	-10	14	-5
3.11	15	62	61.9	85.7	4	9.5	13.8	18	2	-0.2	-1	-10	-5	107	17.5	-10	16	9
2.81	8	37	25.7	44.6	-3	6.2	8.9	9.7	2	0.2	-1	-10	-5	52	14.3	-10	4	-5
3.14	10	64	38.6	57.7	-3	5.9	9.3	12.2	2	0.3	-1	-10	6	99	17.2	-10	5	-5
3.25	17	67	47	56.1	-3	6.5	11.5	7.3	3	-0.2	-1	-10	-5	87	20.2	-10	5	6
3.11	14	61	34.7	56.1	7	6.6	12.2	8.2	3	0.5	-1	-10	5	82	19.7	-10	8	9
2.92	13	46	0.8	58.6	-3	5.4	7.2	5	2	-0.2	-1	-10	-5	73	10.5	-10	6	8
2.87	11	51	50.5	51.7	-3	7.1	13.5	13	2	-0.2	-1	-10	5	70	21.4	-10	10	6
3.36	17	65	40.5	56.4	-3	6.5	11.4	9.4	3	0.2	-1	-10	5	133	17.8	-10	7	-5
3.43	14	68	122	111	-3	7.6	6.5	5.8	3	-0.2	-1	-10	10	145	17.8	-10	17	7
2.86	10	45	49.3	60.2	4	7	11.2	4.9	1	0.2	-1	-10	-5	87	17.4	-10	15	-5
3.37	13	45	17.2	58.6	-3	5.3	6.9	4.7	4	-0.2	-1	-10	6	110	16.4	-10	10	-5
3.56	16	60	22.7	63.7	-3	5.9	8.9	7.1	3	-0.2	-1	-10	-5	132	21	-10	10	9
1.58	5	13	6.7	23	-3	5.5	3.3	4	-1	-0.2	-1	-10	-5	36	9.5	-10	9	-5
2.62	8	29	6.6	34.6	9	2.3	5.5	5.3	1	-0.2	-1	-10	7	66	9.4	-10	4	-5
3.3	15	48	6.6	51.4	-3	3.1	7.5	6.7	3	-0.2	-1	-10	5	156	16.2	-10	3	-5
3.47	10	45	15.4	70.1	-3	2.8	12.2	9.2	4	-0.2	-1	-10	-5	221	17.8	-10	7	-5

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3.49	21	65	242	276	-3	4	12	7.9	3	0.5	-1	-10	-5	39	18.4	-10	167	-5
4.31	21	117	47.3	94.2	4	9.9	6.9	7.8	5	-0.2	-1	-10	6	172	30.3	-10	6	9
3.98	18	76	30.1	59.9	-3	6.6	9.7	6.6	5	-0.2	-1	-10	7	88	15.9	-10	8	-5
0.41	5	21	7.1	7.5	-3	25.8	5.1	1.4	-1	-0.2	-1	-10	-5	33	3.1	-10	2	-5
3.35	16	72	43.2	61.7	-3	7.5	13.1	11.2	3	-0.2	-1	-10	-5	128	22	-10	9	-5
3.54	15	70	22.6	77.9	-3	6.5	8.4	5.9	3	-0.2	-1	-10	-5	149	15.7	-10	8	-5
3.09	10	35	95.4	69.9	-3	4.8	7.8	4.1	2	-0.2	-1	-10	17	76	13.1	-10	23	-5
2.96	8	39	2.7	48.8	-3	3.2	3.4	4.2	2	-0.2	-1	-10	7	55	5.8	-10	11	-5
3.17	14	45	18.8	58.4	-3	6	12.2	6.2	2	0.3	-1	-10	-5	158	21.7	-10	4	-5
3.05	14	43	20.6	57.3	-3	6	11.9	6.2	3	-0.2	-1	-10	6	152	20.9	-10	5	5
4.1	9	41	12.1	54.7	6	3.3	6.3	6.6	3	-0.2	-1	-10	-5	79	10.6	-10	8	8
4.06	14	48	9.7	65.9	4	3.3	7.4	9.9	5	-0.2	-1	-10	-5	156	17.1	-10	-2	-5
3.71	17	50	24.7	68.4	51	3.7	12.9	13.4	5	-0.2	-1	-10	-5	212	37.9	-10	7	11
2.21	9	32	36.9	46.8	6	5.7	8	4.2	2	-0.2	-1	-10	8	81	14.7	-10	7	-5
5.44	12	22	395	107	-3	8.2	5.5	5.4	4	-0.2	-1	-10	-5	78	24.6	-10	43	-5
3.38	17	80	43.9	54.1	-3	6	6.3	7.6	4	-0.2	-1	-10	13	126	19.1	-10	7	7
2.8	15	64	40.7	47.7	-3	3.5	18.5	9	2	-0.2	-1	-10	-5	44	18.9	-10	6	-5
3.78	24	91	73.6	61	76	6.3	19.8	5.4	3	-0.2	1	-10	-5	102	27.9	-10	6	-5
3.54	17	63	65.6	88.8	18	25	15.2	11.7	5	-0.2	-1	-10	-5	156	25.7	-10	15	6
3.71	20	75	116	109	-3	9.4	15.6	15.2	4	-0.2	-1	-10	-5	118	24.5	-10	22	7
3.77	17	75	45.2	73.7	-3	11.7	17.6	15.1	3	-0.2	-1	-10	-5	75	26.6	-10	12	11
3.03	14	51	54.9	57.4	11	5.1	11.7	7.8	3	-0.2	-1	-10	12	81	18.6	-10	15	-5
3.6	17	73	39.4	74	5	11	14.3	20.3	2	-0.2	-1	-10	-5	99	21.2	-10	10	-5
3.91	15	61	1.7	69.2	-3	12.4	9.6	6.6	4	-0.2	-1	-10	9	315	20.3	-10	4	5
3.78	21	66	35.8	77.1	29	5.8	13.1	11.2	5	-0.2	-1	-10	-5	210	25.3	-10	24	-5
3.47	13	48	44.6	71	-3	4.4	12.4	8.5	3	-0.2	-1	-10	-5	61	18.5	-10	8	7
3.33	15	73	47.4	66	-3	9.6	16	11.8	4	-0.2	-1	-10	9	96	24.5	-10	8	7
2.9	12	39	196	99.4	-3	3.1	11.2	8.5	3	-0.2	-1	-10	7	25	15	10	6	6
4.34	20	87	39.1	81.8	-3	8.1	7.5	4.1	4	-0.2	-1	-10	-5	151	20.5	-10	7	5
3.52	14	74	36.1	62.7	-3	5.1	11.5	5.8	3	-0.2	-1	-10	-5	122	18.8	-10	6	8
3.39	17	77	42.3	59.7	-3	6.1	13.7	7	4	-0.2	-1	-10	-5	103	21.8	-10	3	-5
2.91	25	46	30.2	54.4	12	3.2	14.9	7.7	-1	-0.2	-1	-10	-5	30	18.1	-10	4	-5
2.57	17	50	53.6	56.9	-3	3.9	13.8	6.3	2	-0.2	-1	-10	-5	52	16.1	-10	-2	-5
2.94	9	40	4.7	46.7	6	2.7	9.2	7.1	2	-0.2	-1	-10	-5	216	20.7	-10	-2	5
3.43	11	51	11.2	53.4	21	4.1	7.9	7.6	3	-0.2	1	-10	-5	123	13.4	-10	4	5
4.07	6	24	-0.5	34.9	-3	2.8	3.1	3.5	3	-0.2	-1	-10	-5	93	3.3	-10	6	8
5.21	-1	2	40.1	38.5	4	5.7	19.5	23.2	1070	1.5	-1	18	-5	13	21.7	672	26	16
2.83	11	81	104	55.8	-3	5.4	4.4	4.2	2	-0.2	-1	-10	-5	59	10.3	-10	10	7
2.89	11	53	55.3	63.8	-3	8.9	13.1	10.7	1	0.2	2	-10	-5	94	22.6	-10	12	-5
1.91	5	13	-0.5	15.1	4	2.7	3	2.7	3	0.3	-1	-10	7	25	6.2	-10	9	-5
2.89	11	43	46.8	58.2	-3	6.1	10.4	4.2	2	0.3	-1	-10	-5	83	17.3	-10	15	-5
3.34	14	64	20.1	71.5	-3	6.3	8.2	5.3	4	-0.2	-1	-10	-5	134	16.1	-10	8	-5
3.74	22	87	71.3	56.8	76	5.9	18.3	5.4	4	-0.2	1	-10	-5	99	27.2	-10	8	-5
3.69	15	73	35.4	63.5	-3	4.9	11.4	6.1	3	-0.2	-1	-10	-5	123	20.2	-10	7	8

Enclosure no 3

Røros 2000

Preliminary results, Geological follow-up, June-July 2000 and Field report 24/8-27/8-2000

Rune Wilberg

The work has consisted of detailed mapping in the Tjønnvollmyran and Storskarven grids, and reconnaissance prospecting of selected aero-anomalies in both sedimentary and volcanic environments. The work has been focused on targets referred to in "Proposed Spring – Summer Field Program" (Chris Collins, June 9, 2000).

1. Tjønnvollmyran grid Target 50

The area is mapped in scale 1:5000 from 9800N to 11300N, 10000E to 11000E.
Most of the area is covered by bog and till, but the central part, along the main river, is quite well exposed.
The NNW-SSE striking, and W-dipping sediments are differentiated in 3 rock types (see map). The host-rock for the mineralization, chlorite schist and muscovite-sericite schist, is enveloped in a fine grained, silvergrey mica schist with biotite porphyroblasts, a significant muscovite content, partly chloritic, and in places with development of weak garben texture. Occasionally, mm-thick carbonate bands are intermixed. Garnet occur in places.
Both above and below occur medium grained, biotite dominated mica schist; occasionally banded, and in places containing biotite porphyroblasts, garnet, garben texture, and carbonate spots and mm-thick bands. But judged from the scarce outcrops in the west, the uppermost lithology tend to be more of a plain, fine- to medium grained biotite schist.
The general strike is NNW-SSE, with westerly dip of 10-25°. The schist is slightly undulating, and by the digging, fold axis is measured at 343°/14° and 167°/4°.
Where exposed, the frequently kinkfolded chlorite- and muscovite-sericite schist are often rusty and carry sulfides (py and cpy) as dissemination. Subordinate amounts of graphite are found at 10420N 10650E and 11015N 10520E. See the following list (description of outcrops) for details about localization of mineralization and gossans.
Short description of the outcrops:

1. Med. gr. qtz.-mica sch. with up to mm-sized bio. and musc. porph. bl. Minor carb. spots. Weak development of garben texture at some fol. planes – amf. needles up to 2-3cm. Banded: few –mm thick felsic bands. Schistosity and banding: 157°/26°.
2. Fine gr., gray, flaggy gnt. (<1mm, euhedr., yellow to redbrown) – mica sch. Phyllitic appearance. Folded/crumbled – gen. dip W.
3. Med. gr., gray, bio. dom. mica. sch. Schistosity: 150°/12°.
4. Med.- to finegr., graygreen gnt. (redbrown, up to 1mm) – mica sch, rich in bio. porphbl. Schistosity: 165°/5°.
5. Upper: Banded, finegr., silvergray, muscdom. mica sch. with <1mm thick carb. layers. Qtz-carb segr. with chl-rich contacts. Hematite at slide plane. Undulating. Schistosity: 146°/17°. Lower: Biodom sch., bioporph, minor garben.
6. Garben-mica sch., bioporph, minor carb.
7. Medgr. (qtz-) bio sch. with subord carb (ankerite) in spots and mm-layers. Sch: 147°/15°.

8. Rusty, kinkfolded chl sch. with <1mm sized py-diss. and traces cpy. Weak gossan, black poisoned drainage, ochre soil.
9. Finegr. mica sch. with bioporph., in places rusty, weak chloritization. More or less cont. hydrothermal-qtz lenses, up to 1.5m thick, over strike length of 55m. Mainly the qtz (in places rusty yellow) that is exposed. Sch: 158°/25°.
10. Hydr. qtz.
11. Gray mica sch. Bioporph. and carb spots in finegr., weakly chloritic groundmass. Weak garben. Sch: 160°/13°.
12. Same. Sch: 155°/15°.
13. Graygreen, chloritic mica sch., some bioporph. Freq. loc. floats of same – rusty, with traces of cpy and py.
14. Same as 11. Some qtz seggr.
15. Same as 11, but more garben. Sch: 162°/18°.
16. Upper part: rusty chl sch. with weak py-cpy-diss. Lower: Rusty, white musc-ser sch. with traces of sulf. and subord. disc-laminae of graphite. Weak gossan. Sample.
17. Same as 11.
18. Finegr. gray sch. with small bioporph. and weak garben. Sch: 105°/7°.
19. Medgr., biodom. mica sch. with carb in spots and up to 5-6mm thick layers, weak garben. Sch: 150°/17°. S of the river: Fault (dir. 140°/70°) with dev. of dm-tick qtz-lenses cont. ankerite and coarse musc. W of fault, finegr. mica sch.
20. Finegr. garben-mica sch. with bioporph. and carb spots. Sch: 185°/9°.
21. Finegr., silvergray mica sch./phyllite. In places carb spots. Weakly chloritic, spec. along scarce qtz. segr. with associated py. Sch: 160°/40°.
22. Same as 21. Kinkfolded.
23. Same as 20.
24. and
25. Kinkfolded chl sch. and chloritic, graygreen sch. with layers of white musc-ser sch. in the vicinity of the min. (shafts). Dump samples show up to 3-4cm thick mass. cpy-po-py-sl-min. (occasionally durchbewegt). SE of the southernmost shaft, on the other side of the river, is exposed a 2-3cm thick layer of mass. cpy-py-sl. Between the shafts, on the E-side of the river, appears rel. rich py-diss. in the kinkfolded chl-ser-musc sch. over 1-1.5m thickness with intercalated, few cm thick, layer of sch. with 1-3mm sized feldspar(?) eyes (similar seen in the "Turamzone" at Klinkenberg (tuff?)). Fold axis at this py-diss. layer: 342°/14°. At the mass. sulf. layer to the S: 167°/4°.
26. Finegr., silvergray mica sch.
27. Finegr. bio sch. Sch: 160°/25°.
28. Silvergray to white musc-ser sch. with bioporph. (few-mm sized). Rusty, weak py-diss. Open folds and kinkfolds, axis 330°/10°.
29. Local rusty floats of musc-ser(±chl) sch. with rel. rich cpy-diss. Sample. Gossan floats.
30. Same as 28.
31. 3-4m high river cut. Medgr. bio sch. and gray finegr. sch. with bioporph. and some garben. Banded: few-mm thick quartzo-feldspatic layers, carbrich layers, and few-cm thick hydr.qtz bands (occ. up to 20cm thick qtz-carb boudins). Sch. and banding: 175°/20°.
32. Hydr. qtz-ankerite.

33. Same as 31.
34. Same as 31.
35. Rusty chl-ser sch. with bioporph. Sch: 242°/4°.
36. Rusty chl-ser sch. with diss. of cpy and py, spec. ass. with thin qtz bands. Minor graphite bound to the qtz contact.

Field report no 3, Røros 2000

24/8-27/8, Rune Wilberg

Tjønnvollmyran Target 50

Since all the snow has smelted from the main river, following outcrops can be added to the existing map:
10880N 10548E: This locality shows that the sericite(±chlorite) schist horizon at Tjønnvollmyra is anomalous in carbonate compared to ser sch enveloping other mineralizations, a characteristic depositional feature for the Tjønnvollmyran occurrence. The base of the sericite schist is here interbanded with frequent, cm-thick marble layers. The banding is typically in 5-10mm-scale. The carbonate banding occurres over at least 1.5m thickness in the sericite schist. The rusty yellow carbonate layers often host dissemination of cpy,po,sl and ga!! Sample 399595 is taken from a 3cm thick carbonate layer with diss. to semimass. sl, ga, po and cpy. Some qtz(±carb) layers/lenses are also sulfide-disseminated, mainly cpy and po (sample 399596).
This locality seem to occure about 2-3m stratigraphically lower than the sulfide min. due east of the diggings. Some garben texture in the chl-ser sch. From this locality, the exposed ser sch continues 30m southwards.

10750N 10580E: West-bank of the river: Contact between overlying white to rusty-yellow ser sch with carb lenses, and the finegr. mica sch with biopb.

10565N 10595E: Small exposure of chl-ser sch with traces of graphite.

10550N 10600E: 10m long exposure: contact between finegr. mica sch with biopb. and overlying white to rusty-yellow (weak py-diss.) qtz-ser sch with carb-layers/lenses. Close to the base, up to 40cm, almost pure marble.

10600N 10595E: Finegr. mica sch with biopb.
10600N 10603E: White, rusty ser sch with traces of graphite.
10600N 10607E: Finegr. mica sch with biopb. Continues 10m south and 15m NE.
As the VLF cross-over and ser sch appears at 10587E, it seem to be two ser sch layers here.

4. Jensåsbekken Target 51

Reconnaissance. No outcrop found. Possible outcrops in the most distinct stream valley are snow-covered. Several large boulders of hydrothermal qtz occur close to the anomaly at UTM 0632650 6970650.

Tjønnvollmyran grid

10 000E
10 100E
10 200E
10 300E
10 400E
10 500E
10 600E
10 700E
10 800E
10 900E
11 000E

11 300N
11 200N
11 100N
11 000N
10 900N
10 800N
10 700N
10 600N
10 500N
10 400N
10 300N
10 200N
10 100N
10 000N
9900N
9800N

Scale 1:5000

- Chlorite schist and musc.-bio. schist
- Finegr. mica (musc.-bio.) schist w/ bio. porph. blast
- Medgr. mica (bio.-dom.) schist
- Hydrot. qtz-ankerite
- Fence
- Stream
- Lake
- Historical (1913) occurrence (14m deep shaft)

10500E

Jensåsbekken Target 51

Exposures are restricted to the streams, and are tied to the grid by means of GPS. The schists are undulating. Open folds with flatlying axis 340°. Thin sulfide-diss. are encountered at three localities (see map). The sulfide-content is very low. 3 samples are collected for analysis.

Description of outcrops:

1. 632955 6969417. Dom. light mica sch. (ser, musc, chl) with more or less garben and bio porfbl. Minor carb. Occ. gnt. Sch: 350°/5-15°. Fracture: 110°/50°.
2. 632932 6969448. Finegr., light greenish musc-ser-chl sch with bioporfbl. and larger (up to 2cm) hbl garben. Rust spots, prob. ankerite. Sch:60°/5°. Fract: 108°/56°.
3. 632887 6969489. Same as 2, +some gnt, and mm-lamellae of biotitite. Sch: 22-35°/25°.
4. 632872 6969505. Same as 3, with occ., up to 3mm thick light, carb-rich layers. Sch: 25°/20°.
5. 632863 6969523. Leuco garben sch with unoriented hbl (similar to what is earlier described from Storskarven, assumed to represent layers of felsic tuffs), with bio-rich and amphibolitic bands of few mm thickness. Weak po-cpy-diss. Sulfide-enrichment in 10-15cm thick, dark gnt-qtz-bio sch, as diss. and stringers of cpy, po and traces of dendritic native Cu (sample 400146). Sch: 30°/8°. Also weak po(-cpy)-diss in qtz-rich greywacke 8m further up the stream, 1m stratigraphic lower than the first mentioned min.
6. 632823 6969589. Finegr., dark grey, chloritic gnt (<1mm)-mica sch. Sch: 40°/10°.
7. 632816 6969609. Gnt-2-mica sch (bio dom.). Sch: 43°/11°. Encreasingly chloritic upstreams (strat. lower). Just above the turn, 632784 6969665, strike/dip of the chloritic mica sch turns to 140°/10°. Same rock type up to 632783 6969680, where it changes to quartzitic mica sch, and sch. turns to 15°/6°. Same rock type cont. to 632774 6969688, where a rel. flat, crosscutting dyke (at least 0.5m thick) of fine- to medgr. amphibolite with qtz veins occur. 7m NW (low waterfall) schistosity in the quartzitic mica sch is 177°/20°. 10m above the waterfall, the stream follows a crack (200°/75°). The sch has here changed to chloritic mica sch. 632782 6969726: Massive "leuco garben rock" with unor. hbl, gnt (<1mm), weak po-diss., and freq., cm-thick qtz-veins; appearing in the chloritic mica sch as 3 closely spaced lenses/layers (5-15cm thick). Appears to be crosscutting – probably not: the schist bends around because of the contrasting competence. Mica sch continues to, and beyond 632774 6969747, with sch. 50°/15-18°. 10m to the NW appears an approx. 0.5m thick silicifyed, finegr., massive, green rock (with local, irregular, violet, cherty areas) that seem to be crosscutting (NE-SW-running, dipping approx. 60° SE). This is the same rock type that caps the ore in some of the mines (a.o. Kongens, Kjøli, Midtgruben), by the early miners named "hårdart" (Aasgaard, NGU no 127), and by Færden (BV rep no 1097) interpreted to be mylonite (encountered in drillholes at Kjøli). The mica sch is exposed 10m further upstreams, then covered to:
8. 632704 6969989 (10120N 10625E). Same as 2, and same as the schist enveloping the mineralized chl-ser sch at Tjønnvollmyran. Sch: 23°/12°.
9. 632732 6970058 (10205N 10650E). Same as 8. Sch: 65°/6°.

Jensåsbekken

632000 632500 633000

KEY:
See Jensåsbekken, "Description of outcrops."

6971000

970500

970000

969500

Scale
1:10 000

10. 632729 6970107. Rel. coarsegr. 2-mica sch. Sch: 133°/60°, while 2m to the W: 340°/50°. These seem to constitute the limbs of a synform with axis 160°.
11. 15-25m north of 10. Similar to 9, +small gnt. Rel. flatlying. Open fold with almost horizontal axis 340°.
12. 632815 6970256 (10400N 10730E). Finegr., flaggy, silvergrey gnt-2-mica sch. Sch: 65°/3°.
13. 632845 6970302. Same as 12, weakly chloritic. Sch: 65°/10°.
14. Outcrop from 633049 6970717 and 15m northwards to 10900N 10950E. Same as 9. Sch: 43°/9°.
15. 633058 6970791. Same as 9.
16. 632652 6970679. Flatlying, soft, weakly chloritic 2-mica sch. 632639 6970674: Same. Sch: 146°/11°.
17. 632642 6970266 (10405N 10550E). Gnt-chl sch with lenses of hydr. qtz. Intercalated rusty horizon with ser and musc (in add. to gnt and chl), and minor diss. of py and traces of graphite (sample 400147). Occ. mica porfbl. Sch: 315°/5°.
18. 632672 6970248. Rel. coarsegr., light mica sch with coarse hbl garben and bio porfbl. Thin layers of leuco garben sch. Sch: 348°/14°.
19. 632679 6970129. Same as 9. Sch: 330°/6°.
20. 632527 6970528. Soft, flaky chl sch with bio porfbl. Sch: 314°/10°.
21. 632522 6970545. Rel similar to 9, but more qtz-rich (silicifyed?), and garben almost absent. Rusty. At least 15cm thick layer contains moderate amounts of finegr. py as diss. and hair-thin stringers (sample 400148).

(10400N 10250-10325E: Rusty-red deposition in a swampy slope.)

Svartbekken Target 53

The Svartbekken conductor appears possibly at the same structural level, close to the Tydal Thrust, as the Killingdal ore body 1km to the NE. In the grid, the uppermost unit of shale and graphite-bearing phyllite, belonging to the Dalsbygda Gr/ Fjellsjø Fm, are thrusted upon the Røros Fm sediments. A "slice" of the Fundsjø Gr/Hersjø Fm volcanics occur here intermixed in the thrust zone.

Description of outcrops:

1. Finegr. grey shale, minor carbonate. Schistosity: 225°/43°.
2. Same. Sch: 216°/30°.
3. Same.
4. Dark grey phyllite, partly rusty, with up to 5-10cm thick quartz lenses/bands. Contains silicifyed layers with minor finely dispersed py, and black graphite-containing layers with dusty po-diss. (weakly magnetic, susceptibility 200-400K (20-100 at phyllite with no visible po)). Apparent discordant relationship between outcrops in the brook and in the slope to the SE, possibly caused by fault or thrust in the stream.
5. Shale/phyllite. Sch: 215°/30°.

Svartbekken

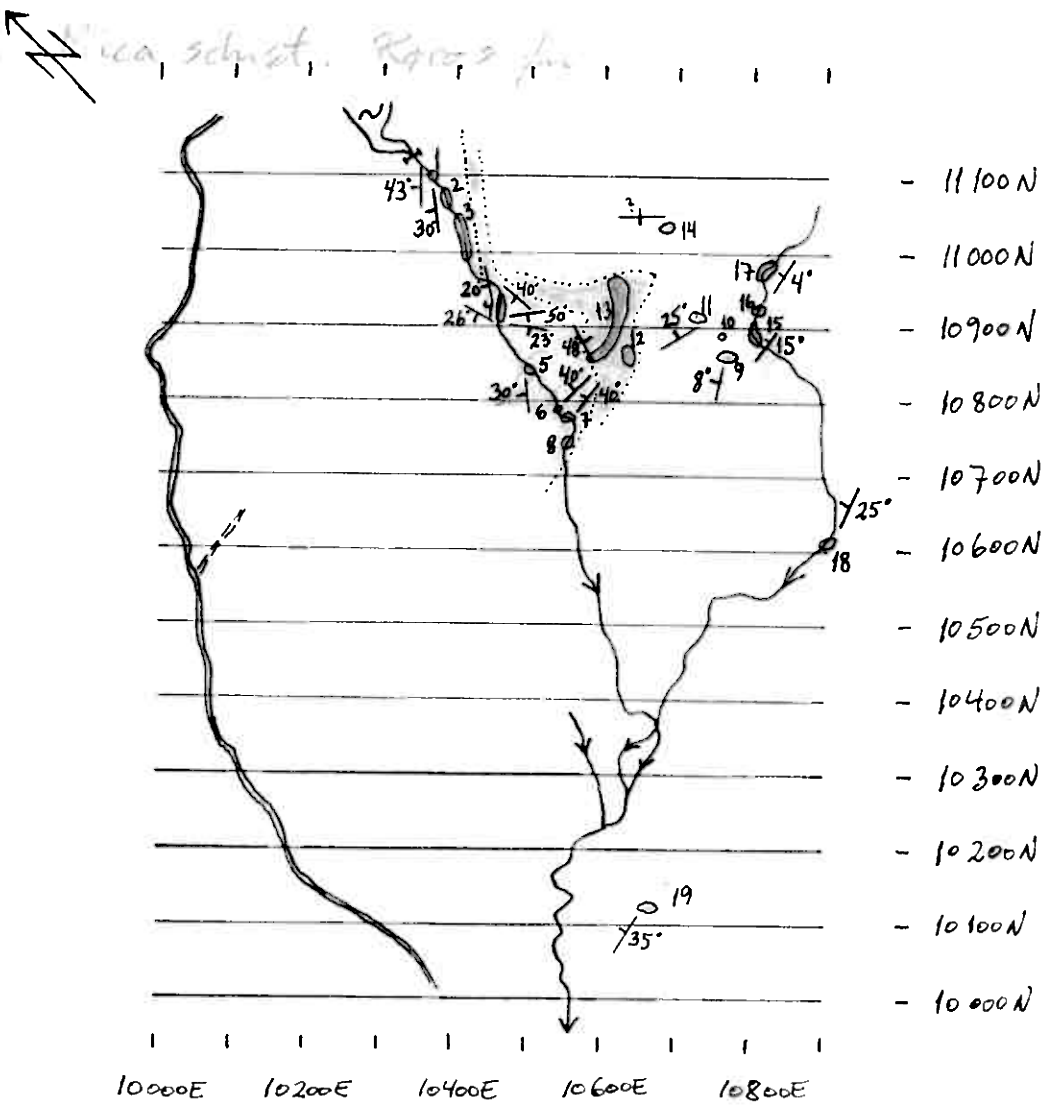
Legend :

Grey shale (very fine grained). Dalstygda group.

Dark grey to black phyllite, partly rusty (in places finegr. diss. of Po, Py and traces of cpy), with graphite-containing layers. In places silicification.

Slice of mafic to intermediate volcanic, belonging to the Fundsjø Group (Hersjø fm.). In the western part, banding is preserved in t fine grained amphibolite / tuffaceous rock (?). Eastwards, the thrust-affected rock becomes more deformed and massive (light green), increasingly epidotized and carb.-rich

Svartbekken 1:10000



6. Dark phyllite with thin quartz bands. Approx. 1.5m thick graphite-rich, rusty horizon with weak diss. of py, po and traces of cpy (not mag., susc. 25-50K). Sample 400141. Also weak diss., and coating at slip planes, of py in the phyllite aside of these 1.5m. Estimated 2-5% sulfides over 3m thickness. Cataclasis. Sch: 270°/35-45°.
7. Same, graphite-bearing, partly cataclastic phyllite with traces of sulfides. Min. thickness 15m. Sch: 260°/40°.
8. Same.
9. Light grey qtz-mica schist, weak garben. Sch: 240°/8°.
10. Same as 9.
11. Same as 9. Sch: 285°/25°.
12. Green mafic to intermediate volcanogenic rock. Changes from banded (14°/48°), finegr. amphibolite (hbl., ep., fldsp, qtz) and massive greenstone in the western part (susc. 30-60K), to a massive, light green, carbonate-rich (white carb. veins and –schlieren), mylonitic volc. rock with weak py-diss. and traces of cpy towards the east. Intercalations of carb.rich mica schist horizons.
13. Same as 12.
14. Light grey mica sch. with qtz lenses. General strike NW-SE, var. because of folding.
15. Gnt.-bio. sch. with freq. cm-thick qtz-bands. Sch: 265°/15°, variable.
16. Same as 15.
17. Chloritic qtz-2-mica sch. Occasional garben. Sch: 260°/4°.
18. Mica sch with occ. qtz-banding. Sch: 250°/25°.
19. Garben-2-mica sch with some cm-thick qtz-bands. Sch: 260°/35°.

7a. Kjøli South

All anomalies covered by snow. At the SE-ernmost anomaly point is a digging (Rui & Bakke 1975).

Recce AEM target Kjøli South Target 52.

Only gridding, VLF and Mag has so far been conducted. Max-Min was prevented due to weather conditions, and mapping is postponed. A few observations that can help interpretation of the geophysics:
A cable from the old ropeway is crossing all three profiles at 100N 420E, 200N 565E, and 300N 705E.
A 10m long adit towards west at 633572 6973164 (north of the grid).
Approx 150m ESE of the AEM pick is a small digging in finegr. greywacke with weak cpy-diss. and –veins bound to a narrow horizon. Sch: 160°/56°. Fold axis: 160°/5°.

Follow-up reconnaissance of selected airborne geophysical anomalies

Andåa (2km south of Hultrå): Target 61

Two historical showings are found 350m NE of the NE-ermost AEM pick at Tjønnlitjønnan (previous rep.), in the dom. mafic volcanics, hosted in a layer of felsic volc/exhalite.

621284 6977868: Small pit (1-2m3 dump) in approx. 3m thick rusty, white qtz sch to qtz-ser sch (layered variations between the two) with very minor fuchsite. The entire thickness carry py as diss., to semimassive and almost massive bands up to 2-4cm thick. In places with minor cpy and sl (and po). Two dm-thick layers also carry finegr. mt-diss. (susc. up to 4000K, otherwise only 10K). Dump samples also show mediumgr. amphibolite with rich diss. to semimassive po-cpy mineralization. Sch: 190°/60°.
Mafic porphyrite above and below, but a few-m-thick qtz keratophyre/felsic tuff in the footwall.
Samples 399583-399586 from the min.
The min. can be traced at least 100m southwards.
621283 6977959: Small pit (2-3m3 dump) in the same min., here 2.5m thick. Both qtz sch with semimassive, finegr. py, and more mafic (tuff?) gnt-chl-amf sch with po-cpy-diss. to massive, durchbewegt po-cpy with chl-amf-rugs and qtz nodules (sample 399587).
The Andåa stream exposes an excellent intersection of the dominantly mafic volcanics (partly porphyritic) that structurally separate this mineralization and the Zn-pyritic Hultrå mineralization.

7b1. Storhøgda Target 70

The anomaly can be explained by sulfide-bearing graphite schist, that has known extension of 1km.
The conductor is exposed in a stream at UTM 0617357 6965174. The foot-wall consists of a light green schist with up to 5mm sized feldspar eyes. The rusty, py-po-disseminated graphite schist (sample) is at least 2.5m thick, with minor intercalations of a finegrained, light gray rock with small biotite porphyroblasts and py-dust, and minor grayblack fels.
Schistosity: 175°/50°. Hanging-wall is two-mica schist with py-diss (sample).
Schistosity: 160°/35°.
25m to the SSE are two tiny diggings in the rusty graphite schist.
155m SSE of the first mentioned locality is a small outcrop of quartz keratophyre, a quartz-feldspar rock with rel. large, unoriented hornblende needles and 1-2mm sized garnet.
Northwards, just north of the footpath from Sjursvollen, at 0617235 6965354, is a small exposure of graphite schist with py dust.
The same horizon is exposed in the stream at 0616896 6965827, as a greasy, graphite schist with py-dust. The compass is slightly affected.
0616657 6966001: Small exposure in a stream of graphite schist, silicyfied graphite schist, and white quartz keratophyre banded (mm to cm) with graphitic sediment.
Schistosity: 135°/60°.
The anomaly at 0616800 6965200 is not explained, only a few outcrops of greenstone and greenschist are found.

7b2. Storvollhøgda Target 70 S

Along this anomaly, following a ridge, is exposed a wide zone (>60m) of, in places, frequently rusty quartz exhalite with dispersed sulfides and oxides. The exhalite carry small amounts of amphibole, biotite, garnet, mm-bands of graphite, and is occasionally sugar grained.

At 0615734 6963687 are 3 small (<1m3) diggings at 10m intervals, showing white to yellow-brown quartz exhalite with irregular diss. (locally semimassive) and bands of fine grained po and traces of cpy (sample). Coarser po appears at the contact to hydrothermal quartz segregations. Local appearance of magnetite in up to 2-3cm thick massive-bands, and banded enrichment of magnetite octahedron (up to 1mm size) associated with amphibole (sample). Strike/dip is not measurable; general strike is N-S, but seem to be E-W locally at the ridge. Old grid pickets can be seen in the area.

50m westwards, another tiny digging in rusty quartz exhalite with weak po-diss. and thin (up to 1mm) bands (appear more like veins) of amphibole and garnet.

Rusty exhalite is exposed several places up to the southernmost outcrop, a small hill at 0615778 6963250, with another tiny digging in sugar-grained quartz exhalite with irregular rust staining, caused by weak po-diss. and –veins. Mafic porphyrite is exposed a couple of places along the exhalite's eastern contact.

70m NNE of the first mentioned 3 diggings appear local floats of rusty, graphitic schist.

0615761 6964049: Small exposure of quartz keratophyre, which is a rusty, quartz-rich rock containing unoriented hornblende needles and minor chlorite.

7c. Øivindsåa/Tjønnlitjønnan • Utrenna

The responses are caused by graphite-bearing phyllites/blackschist confined to the Gula Groups border to the volcanics. This blackschist horizon can be followed more or less continuously along the contact, carrying, normally, trace amounts of iron sulfides. 1-2km east of the Tjønnlitjønnan anomalies, the blackschist is enriched in sulfides, but no base metals. Here, 0622350 6977157, is a historical occurrence (Utrenna digging), a 30m long WNW-ESE-running trench with a shaft (20m3 dump). Mineralization is semimassive py(-po) banded in blackfels (sample), capped by a dm-thick layer of dark gray, coarse calcite.

The anomalies from S to N:

0621223 6976037: Rusty, graphite-bearing blackschist.

0621000 6977000: Same.

0621050 6977600: Not exposed.

0620450 6978200: Gray phyllite with dm-thick amphibolite layers. Fold axis: 210°/35°.

(0620434 6978309: Gray, folded phyllite with quartz- and amphibolite-lenses.

0620300 6978570: Light gray, carbonacheous mica schist. Schistosity: 155°/35°.

0620150 6978750: Slightly rusty, graphite-bearing phyllite. Schistosity: 175°/45°.

0619746 6978946: Rusty (traces sulfides) graphite-bearing phyllite with schistosity 40°/60°. 100m NNE strike has turned to 20°/90°, here with gabbro-lenses in the schist.)

7d. Almåsen Target 66

The EM anomaly is assumed to be caused by graphitic sediments, shown by earlier mapping (Rui), even though this reconnaissance only proved mica schist in the poorly exposed area.

Observations: Two-micaschist with quartz-lenses at 0615521 6971374. Up to 200m eastwards are frequent exposures of mica schist. Schistosity: 180°/35°.
0615652 6971720: spring with iron-rich, red deposition. 0615649 6971635: Small outcrop of mica schist in stream with red dep.
0615757 6972267: Contact between lower (east) mica schist with quartz-lenses, and overlying schisty amphibolite. Same medium grained, W-dipping amphibolite at 0615644 6972228 and 0615730 6972219. 0616040 6973950: mica schist. 0616023 6974412: slightly rusty, finegrained amphibole schist; schistosity 150°/50°.
Moavollen digging: At 0616057 6974902 appear 2 small diggings and a shallow shaft (10m3 dump) over a NNE-SSW length of 15m in a low hill in bog-covered surroundings. Approx. 0.5m thick semimassive sulfide-min. in fine-grained amphibolite, as folded, mm-cm-thick bands of po, py and cpy (sample). Massive-band of po up to 5-6cm thickness. Schistosity: 125°/45°. Fold axis: 205°/45°.

7c. Holdsjøhøgda Target 71
The mag. anomaly is caused by magnetite-disseminated, medium-grained gabbro (weak influence on compass, strong on mag.pen) in an area around 0624050 6976400. Sample.

Blåhåmmårbekken/Grønsjøen (map sheet Ålen) Target 72
No explanation found. Covered, except some exposures in a stream crossing the anomaly: 635872 6981493: greygreen, finegr. calc. ser-chl sch with biopb. Sch: 123°/20°. 150m upstream, continuous exposure westwards of same, but grey (no chl). 635926 6981542: Same. Same down to 636020 6981644, where appears two layers of white quartzite.

Stream silts:
HB01: 635882 6981463
HB02: 635907 6981520
HB03: 635974 6981579
HB04: 636020 6981644
HB05: 635879 6981519
HB06. 635801 6981467

New, unscrambled GPS at 38. Stømnbekken digging: 637944 6968555.
637949 6968401: Local response at the compass. Several, quite large boulders of coarse gnt (up to 5-6mm size)-amphibole(hornblende and probably cummingtonite, up to 2-3cm size) rock, in places with rich cpy-diss. and seggr. of mt (sample 399589). Local "bands" of massive mt. In the slope just above, is exposed the contact between gabbro and underlying bio sch and finegr. greenish, chloritic garbenschist. Schistosity and gabbrocontact: 160°/20°.

Samples for analysis (1):

Spl.no	Locality	Coord	Description
400137	Storvollhøgda	615734 6963687	Qtz exhalite with po-diss.
400138	Storvollhøgda	615734 6963687	Qtz exhalite with mt-bands
400139	Storvollhøgda	615761 6964049	Rusty qtz keratophyre/dacitic tuff(?) w/po-diss.
400141	Svartbekken	625552 6964209	Black phyllite with py-po(-cpy)-diss.
400146	Jensåsbekken	632863 6969523	Gnt-qtz-bio sch with cpy-po-diss.
400147	Jensåsbekken	632642 6970266	Gnt-chl-ser-musc sch w/py-diss.+traces of graphite
400148	Jensåsbekken	632522 6970545	Chloritic qtz-mica sch with py-diss.
400149	Hultrå	620831 6979882	Ironformation/mt-chert w/py-diss..capping massive, banded Zn-Cu-pyritic min.
399583	Andåa	621284 6977868	Qtz-ser sch with py-diss.
399584	Andåa	621284 6977868	Qtz-ser sch with semimass. py-cpy-sl-min.
399585	Andåa	621284 6977868	Amphibolite with semimass. po-cpy-min.
399586	Andåa	621284 6977868	Amphibolite with rich cpy-diss.
399587	Andåa	621283 6977959	Massive, brecciated po-cpy-min.

Sample list (2):

Spl.no	Locality	Coord	Descr.
399595	Tjønnvollmyran	10880N 10548E	Carbonate layer with sl-ga-po-cpy-diss.
399596	Tjønnvollmyran	10880N 10548E	Qtz-carb lens with cpy-po-diss.
400118	Tjønnvollmyran	10425N 10650E	Musc.-ser. sch. with weak py-cpy-diss.
400119	Tjønnvollmyran	10430N 10650E	Chl.-ser. sch. with cpy-py-diss.
400120	Tjønnvollmyran	11210N 10495E	Floats of musc.-ser. sch. with cpy-diss.
400121	Moavollen	0616057 6974902	Semimass. po-py-cpy in finegr. amphibolite
400122	Utrenna	0622350 6977157	Blackfels with py(-po) banding, semimass.
400125	Storhøgda	0617357 6965174	Two-mica sch. with py-diss.
400126	Storhøgda	0617357 6965174	Graphite sch. with py-po-diss.
400127	Storhøgda	0617357 6965174	Gray micacheous sch. with py-diss.
400128	Storvollhøgda	0615734 6963687	Qtz.-exhalite with po-diss.
400129	Storvollhøgda	0615734 6963687	Qtz.-exhalite with mt-bands
400135	Tjønnvollmyra	0637291 6971732	Ser.-mica sch. with py-diss. and traces cpy
400136	Holdsjøhøgda	0624050 6976400	Med.gr. gabbro with mt-diss.

Results rock samples Killingdal-Menna area 2000-2001

Sample Ident	Loc. Target	UTM- E	UTM-N			Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn
Scheme Code						FA301	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Analysis Unit						ppb	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm
Detection Limit						1	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2
400118	Tjønnvm., 50	Loc grd	Loc grd			-1	-0.5	0.02	2.82	2.41	0.06	0.37	0.11	2.8	0.02	31	145	192
400119	Tjønnvm., 50	Loc grd	Loc grd			164	-0.5	0.01	5.27	4.77	0.04	0.01	0.04	3.4	0.01	88	105	727
400120	Tjønnvm., 50	Loc grd	Loc grd			537	-0.5	0.01	5	4.18	0.07	0.04	0.05	6.6	0.02	94	84	1060
400121	Moavollen, 60	616057	6974902			178	-0.5	0.03	0.14	0.15	0.02	0.01	1.1	-0.5	-0.01	13	26	231
400122	Uhlenna	622350	6977157			14	-0.5	0.02	0.37	0.4	0.04	0.25	0.16	-0.5	0.03	44	123	120
400125	Storhegda, 70	617357	6965174			-1	-0.5	0.03	0.95	1.36	0.01	1	0.09	6.6	0.1	47	149	158
400126	Storhegda, 70	617357	6965174			2	-0.5	0.02	0.75	0.83	0.09	0.51	0.27	5	0.12	172	139	223
400127	Storhegda, 70	617357	6965174			-1	-0.5	0.05	2.2	2.03	0.06	1.53	0.35	11.2	0.19	312	200	465
400128	Storv.hgd. 70S	615734	6963687			4	-0.5	0.01	0.05	0.13	-0.01	-0.01	0.05	-0.5	-0.01	22	144	46
400129	Storv.hgd. 70S	615734	6963687			161	-0.5	-0.01	0.01	0.13	0.02	-0.01	0.49	-0.5	0.01	30	130	256
400135	Tjønnvm., 50	637291	6971732			1	-0.5	0.04	2.34	2.62	0.07	1.23	0.22	5.9	0.1	67	136	246
400136	Holdsj.hgd. 71	624050	6976400			-1	-0.5	0.01	5.87	1.82	0.02	-0.01	0.07	3.9	0.01	79	1080	420
400137	Storv.hgd. 70S	615734	6963687			-1	-0.5	0.02	0.1	0.21	-0.01	-0.01	0.09	-0.5	-0.01	35	281	76
400138	Storv.hgd. 70S	615734	6963687			540	-0.5	0.01	0.03	0.13	0.02	-0.01	0.89	-0.5	-0.01	14	108	321
400139	Storv.hgd. 70S	615761	6964049			2	-0.5	0.08	0.84	1.26	0.05	0.05	0.35	6.7	0.03	9	131	174
400141	Svartbkn. 53	625552	6964209			35	0.5	0.02	1.49	1.83	0.04	0.25	0.14	3.2	-0.01	42	186	326
400146	Jernåsbkn. 51	632863	6969523			20	-0.5	0.04	1.47	2.34	0.2	1.74	0.54	20.9	0.2	98	96	153
400147	Jernåsbkn. 51	632642	6970266			-1	1.4	0.01	4.24	4.65	0.07	0.07	0.12	4.8	0.02	65	141	456
400148	Jernåsbkn. 51	632522	6970545			36	-0.5	0.03	2.9	2.99	0.07	1.01	0.19	14.9	0.1	121	176	606
400149	Hultå	620831	6979882			28	-0.5	-0.01	0.05	0.06	0.02	-0.01	0.68	-0.5	-0.01	9	177	302
399583	Andåa 61	621284	6977868			6	-0.5	0.04	0.5	0.74	-0.01	0.09	0.06	5.1	0.06	65	180	200
399584	Andåa 61	621284	6977868			51	-0.5	0.03	0.5	0.66	-0.01	0.05	0.04	3	0.04	44	90	179
399585	Andåa 61	621284	6977868			22	-0.5	0.07	0.73	1.09	0.02	0.02	0.76	0.6	0.03	29	78	436
399586	Andåa 61	621284	6977868			67	-0.5	0.09	0.77	1.11	-0.01	0.02	0.58	2.4	0.04	39	54	315
399587	Andåa 61	621283	6977959			198	-0.5	-0.01	0.41	0.61	-0.01	0.01	0.08	-0.5	-0.01	31	64	339
399595	Tjønnvm., 50	636995	6972420			186	-0.5	-0.01	6.09	1.17	0.05	0.13	8.88	1.8	0.01	26	84	1430
399596	Tjønnvm., 50	636995	6972420			26	-0.5	0.02	3.07	0.25	0.02	0.05	5.81	2	-0.01	16	182	1130
2001:																		
401237	Folldalen 57	624902	6969700	finegr. amphibolite with py(-po)-diss. + traces of cpy		5		<0.5	0.03	1.31	2.11	0.16	1.61	0.47	8.8	0.21	406	137	377
401238	Folldalen 57	624902	6969700	finegr., dark grey graphitic scist with py(-po-cpy)-bands		21		<0.5	0.13	0.65	1.14	0.1	0.31	0.85	6.4	0.08	110	42	337
401239	Folldalen 57	625303	6969897	amphibole-mica schist with po-bands, traces of cpy		10		<0.5	0.04	1.3	1.34	0.08	0.05	0.38	1.7	0.13	66	133	311
401240	Folldalen 57	625302	6969880	felsic volcanic with py-diss.		11		<0.5	0.05	0.57	0.66	0.08	0.22	0.55	5.1	0.13	65	93	211
401241	Folldalen 57	624858	6970308	dark grey, silicyfied phyllitic mica schist with po(-cpy)-diss.		26		<0.5	0.04	1.37	2.09	0.07	0.64	0.37	9	0.21	190	111	297
401242	Bønsbud. 64	622149	6969899	finegr. amphibolite with semimassive po(-cpy) min.		20	1.3	0.02	0.12	0.19	0.03	0.02	0.54	<0.5	0.02	18	19	156
401243	Bønsbud. 64	622142	6969900	amphibolite with semimassive mt		4	1.4	0.06	0.09	0.29	0.02	0.05	0.66	<0.5	0.04	25	32	272
401244	Killingdal N 54	626017	6966430	blackschist with semimassive po(-cpy) min.		38	3.1	<0.5	1.39	1.98	0.17	0.26	0.45	4.1	0.06	374	79	876
401245	Killingdal N 54	626017	6966430	blackschist with semimassive po-cpy min.		26	2.1	<0.5	1.32	1.7	0.03	0.41	0.07	2	0.04	109	50	617
401246	Killingdal N 54	625683	6966338	light, intermediate tuffitic schist with py(-cpy)-diss. (boulder)		10		<0.5	0.02	1.36	1.47	0.1	0.07	0.24	6.5	0.2	141	159	197
401247	Stillbankan 62	625474	6973222	amphibolite with py-diss.		19		<0.5	0.18	0.26	1	0.04	0.15	1.39	1.5	0.06	20	29	406
400763	Svartbkn. 53	625614	6964368	graphitic phyllite with po-diss.		10	0.5	0.01	1.11	1.24	0.03	0.46	0.05	1.9	0.02	32	150	154
400764	Killingdal N 54	625603	6966509	graph.phyll. W/gnt,qtz,amph + diss.-semimas. py-cpy-min.(loc. flts)		4	0.6	<0.5	1.44	2.62	0.19	0.22	0.41	1.4	0.04	297	131	975
400765	Killingdal N 54	625648	6966464	coarsegr. amphibolite with qtz and cpy-py-diss. (loc. floats)		15		<0.5	0.14	0.5	1.19	0.15	0.06	2.31	5.4	0.05	109	89	350
400766	Killingdal N 54	625849	6966362	phyllite with semimassive py-cpy-min. (loc. floats)		4	0.8	<0.5	1.43	2.58	0.15	0.07	0.37	3.1	0.02	188	99	1030

Prepared by Bernt Rosholt 1/3/02

Encl. no 4

Results rock samples Killingdal-Menna area 2000-2001

Sample Ident	Loc, Target	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Cu	Zn	Ag
Scheme Code		ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICAY50	ICAY50	AA 73
Analysis Unit		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
Detection Limit		0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	0.01	0.01	0.3
400118	Tjønnvm , 50	3.93	24	52	763	506	-3	4	3.1	7	7	0.3	1	-10	-5	19	15.9	-10	284	-5	-3000	-3000	-3000
400119	Tjønnvm , 50	10.4	31	13	>10000	614	35	2.4	4.1	5.6	10	9.6	5	-10	6	2	*INF	-10	201	INF	2.82	-3000	9.6
400120	Tjønnvm., 50	13.5	7	1	>10000	585	-3	0.9	5.2	6.1	-1	20.2	8	-10	-5	2	*INF	-10	12	INF	8.69	-3000	20.2
400121	Moavollen, 60	>15	992	101	1660	42.6	-3	15.4	2.4	12.3	-1	1	34	-10	-5	-1	*INF	-10	2	INF	-3000	-3000	-3000
400122	Utrenna	>15	97	103	206	179	436	4	5	12.1	72	1	17	-10	-5	9	*INF	-10	37	-5	-3000	-3000	-3000
400125	Storhøgda, 70	4.66	10	50	174	61.6	-3	2.5	1.9	2.1	1	-0.2	-1	-10	-5	23	9	-10	-2	-5	-3000	-3000	-3000
400126	Storhøgda, 70	5.13	18	53	129	143	-3	4.1	9.3	17.1	32	1.3	3	-10	-5	65	16.2	-10	27	-5	-3000	-3000	-3000
400127	Storhøgda, 70	5.08	22	98	123	137	6	8.1	9.9	4.9	8	-0.2	2	-10	-5	274	19.8	-10	3	-5	-3000	-3000	-3000
400128	Storv hgd. 70S	13.4	50	88	638	21.3	-3	-0.5	-0.5	3.1	15	1	7	-10	-5	-1	*INF	-10	-2	-5	-3000	-3000	-3000
400129	Storv hgd. 70S	14.1	3	37	8	37.6	-3	4.9	1.4	6.2	231	-0.2	9	-10	5	5	*INF	-10	-2	8	-3000	-3000	-3000
400135	Tjønnvm., 50	5.08	29	132	39.5	98.4	-3	7.6	16.1	11.1	-1	-0.2	-1	-10	5	82	32.8	-10	2	-5	-3000	-3000	-3000
400136	Holdsj hgd. 63	4.84	49	379	129	46.4	12	2.2	1.4	0.6	-1	0.3	-1	-10	9	2	8	-10	-2	-5	-3000	-3000	-3000
400137	Storv hgd. 70S	7.19	26	121	271	15.1	-3	-0.5	-0.5	2.7	15	0.3	2	-10	-5	-1	12.9	-10	-2	-5	-3000	-3000	-3000
400138	Storv hgd. 70S	12.6	3	15	-0.5	30.7	8	6.9	1.9	5	262	0.2	7	10	-5	6	*INF	-10	-2	-5	-3000	-3000	-3000
400139	Storv hgd. 70S	3.39	5	45	-0.5	80.7	3	4.1	7.5	3	5	-0.2	-1	10	-5	9	7.1	-10	-2	-5	-3000	-3000	-3000
400141	Svartbkn. 53	3.96	16	133	25.9	81.9	-3	4.8	12.9	7.5	3	-0.2	-1	-10	-5	23	23.9	-10	8	-5	-3000	-3000	-3000
400146	Jensåsbkn. 51	5.04	19	11	2170	106	-3	6.5	23.7	5.6	-1	0.9	1	-10	-5	485	27.5	-10	-2	INF	-3000	-3000	-3000
400147	Jensåsbkn. 51	7.37	33	69	93.1	105	-3	1.6	4.4	4.2	2	0.2	1	-10	6	13	17	-10	-2	-5	-3000	-3000	-3000
400148	Jensåsbkn. 51	4.76	24	64	41.2	92.6	-3	3.2	8.4	3.3	-1	-0.2	1	-10	-5	69	17.3	-10	3	-5	-3000	-3000	-3000
400149	Hultrå	14.5	20	58	3570	>10000	-3	4	1.1	4.4	8	3.4	36	-10	-5	-1	*INF	-10	23	INF	-3000	1.08	-3000
399583	Andåa 61	10.3	32	43	2160	8180	8	1.1	6.2	4.4	29	0.8	35	-10	-5	12	*INF	-10	-2	INF	-3000	-3000	-3000
399584	Andåa 61	11.5	10	-1	600	6640	17	0.6	5.1	4.6	38	0.3	25	-10	-5	10	*INF	-10	4	-5	-3000	-3000	-3000
399585	Andåa 61	11.5	75	32	9350	635	-3	8.3	2.9	3.2	2	2.9	9	-10	-5	-1	*INF	-10	-2	INF	-3000	-3000	-3000
399586	Andåa 61	6.69	11	-1	>10000	779	21	1.4	1.6	1.6	1	7	6	-10	-5	-1	11.4	-10	-2	INF	2.36	-3000	-3000
399587	Andåa 61	>15	1050	38	>10000	317	-3	0.8	1.5	11.9	7	6.1	48	-10	-5	-1	*INF	-10	-2	INF	1.64	-3000	-3000
399595	Tjønnvm., 50	6.3	44	47	1550	>10000	-3	99.4	6.7	6.6	-1	>10	28	-10	-5	7	9.2	-10	7840	*INF	3	-3000	12.4
399596	Tjønnvm., 50	5.37	45	86	5990	1020	3	112	3	4.7	-1	3	3	-10	-5	4	2.5	-10	303	*INF	13.4	-3000	49.4
2001:																							
401237	Folldalen 57	7.76	44	93	350	130	221	9.9	14.7	8.8	13	0.3	<	<1	<	404	16.2	<1	17	<5	n.a.	n.a.	
401238	Folldalen 57	3.63	22	19	66.8	47.8	<	16.5	7.7	4.1	2	<0	<	<1	<	82	3.1	<1	24	<5	n.a.	n.a.	
401239	Folldalen 57	10.8	51	78	248	40	<	3.2	4.1	2.9	4	0.3	<	<1	<	11	<0	<1	10	<5	n.a.	n.a.	
401240	Folldalen 57	4.74	21	15	25.5	27	<	4.1	7.8	7.5	8	0.3	<	<1	<	45	7.2	<1	8	<5	n.a.	n.a.	
401241	Folldalen 57	6.37	37	72	175	55.9	<	5.3	11.2	4.9	4	0.4	<	<1	<	107	12.8	<1	12	<5	n.a.	n.a.	
401242	Bonsbud 64	26	746	181	3070	4.3	<	6.1	1.4	8.3	<	1.5	6	<1	<	3	0.5	<1	31	*INF	n.a.	n.a.	
401243	Bonsbud 64	13.9	18	3	158	13.4	<	5.9	3.7	11	<	0.6	<	<1	<	11	<0	<1	16	9	n.a.	n.a.	
401244	Killingdal N 54	22.1	83	285	988	1070	<	11.5	22.3	19.6	30	1.4	10	<1	<	23	23.2	<1	134	<5	n.a.	n.a.	
401245	Killingdal N 54	22.5	74	329	1100	739	<	3.5	10.7	17.2	48	1.9	7	<1	<	32	<0	<1	99	*INF	n.a.	n.a.	
401246	Killingdal N 54	8.78	32	11	41.9	70.4	<	4.9	3	4.9	21	0.2	<	<1	<	43	<0	<1	16	<5	n.a.	n.a.	
401247	Stillbankan 62	4.79	11	6	23.7	21.8	<	6.8	4.9	7.3	<	<0	<	<1	<	22	24.2	<1	3	<5	n.a.	n.a.	
400763	Svartbkn. 53	3.43	20	145	269	316	<	2.5	7.7	7.1	6	0.6	<	<1	<	37	12.6	<1	107	<5	n.a.	n.a.	
400764	Killingdal N 54	9.27	50	130	425	458	<	8.9	5.9	5.6	23	1	<	<1	<	42	13	<1	169	<5	n.a.	n.a.	
400765	Killingdal N 54	5.23	46	11	487	47.6	<	25	10.2	2.9	1	0.4	<	<1	<	11	2.3	<1	15	<5	n.a.	n.a.	
400766	Killingdal N 54	13.1	82	276	776	674	<	10.2	10.9	12.5	14	1.4	2	<1	<	8	30.5	<1	37	<5	n.a.	n.a.	

Prepared by Bernt Rosholt 1/3/02

Jensåsbekken DOB results 2000

Sample Ident	Distict	Prospect	Prosp. no	GRD: N	GRD: E	Depth		Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe
Scheme Code								ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Analysis Unit								ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%
Detection Limit								0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01
JB01	Kjøli	Jensåsbekken	68	10700N	10625E	3.5	grey silt	-0.5	0.02	1.3	1.49	0.08	0.47	1.2	3.5	0.06	40	47	303	2.07
JB02	Kjøli	Jensåsbekken	68	10700N	10575E	3.1	grey silt	-0.5	0.02	1.13	1.42	0.08	0.37	0.76	3.6	0.05	37	44	323	2.03
JB03	Kjøli	Jensåsbekken	68	10700N	10550E	2.7	brown silt+chl sch end plug	-0.5	0.01	1.18	1.47	0.09	0.35	0.22	3.5	0.05	37	41	398	2.05
JB04	Kjøli	Jensåsbekken	68	10700N	10525E	3.5	grey silt+fragm of chlontic sch	-0.5	0.02	1.38	1.66	0.08	0.55	1.1	4.1	0.06	45	49	296	2.37
JB05	Kjøli	Jensåsbekken	68	10700N	10500E	2.4	grey silt+plug of finegr chlontic sch with biopb	-0.5	0.02	1.54	1.95	0.08	0.85	0.65	4.8	0.1	57	61	284	2.69
JB06	Kjøli	Jensåsbekken	68	10700N	10474E	1.9	brown and grey silt+fragm of finegr chlontic sch w/biopb	-0.5	0.02	1.31	1.67	0.09	0.64	0.24	5.4	0.08	53	53	201	2.43
JB07	Kjøli	Jensåsbekken	68	10700N	10450E	1.9	brown+grey silt+fragm and plug of chlontic mica sch	-0.5	0.03	1.93	2.51	0.07	0.91	0.16	6.3	0.11	75	72	207	3.61
JB08	Kjøli	Jensåsbekken	68	10700N	10400E	1.6	rustybrown and grey silt+micacheous matr	-0.5	0.02	1.54	1.8	0.08	0.54	0.21	8.3	0.08	76	75	206	2.83
JB09	Kjøli	Jensåsbekken	68	10600N	10325E	1.3	brown silt w/fragm of chlontic sch (stop on boulder?)	-0.5	0.02	1.47	1.99	0.07	0.76	0.18	5.5	0.11	57	63	463	2.82
JB10	Kjøli	Jensåsbekken	68	10600N	10375E	1.2	brown silt w/fragm of calcareous mica sch (stop on boulder?)	-0.5	0.02	1.56	2.16	0.08	0.65	0.18	6.3	0.1	60	57	462	2.87
JB11	Kjøli	Jensåsbekken	68	10600N	10400E	3.5	browngrey silt w/fragm of chl sch	-0.5	0.02	1.62	1.98	0.08	0.74	0.71	5	0.09	56	60	408	2.75
JB12	Kjøli	Jensåsbekken	68	10600N	10425E	2.4	browngrey silt w/fragm of chl sch	-0.5	0.02	1.69	1.93	0.08	0.62	0.33	5.2	0.07	54	54	336	2.76
JB13	Kjøli	Jensåsbekken	68	10600N	10450E	3.3	grey silt+fragm and plug of chl sch	-0.5	0.02	1.39	1.67	0.08	0.65	0.8	4.2	0.08	50	53	314	2.44
JB14	Kjøli	Jensåsbekken	68	10600N	10500E	2	grey silt+fragm and plug of chl sch	-0.5	0.02	1.29	1.52	0.08	0.6	0.22	3.7	0.07	41	42	209	2.24
JB15	Kjøli	Jensåsbekken	68	10400N	10550E	1.5	greybrown (partly rustybrown) silt+fragm and plug of rusty chl(-ser) sch	-0.5	0.01	1.93	2.25	0.09	0.32	0.18	5.5	0.05	55	51	336	3.55
JB16	Kjøli	Jensåsbekken	68	10400N	10500E	2	light greybrown silt w/fragm and plug of finegr chloritic sch w/biopb	-0.5	0.02	1.35	1.73	0.09	0.46	0.24	4.4	0.06	39	45	170	2.37
JB17	Kjøli	Jensåsbekken	68	10400N	10475E	2.5	light brown silt w/fragm and plug of chlontic mica sch w/biopb	-0.5	0.02	1.3	1.62	0.08	0.58	0.22	4.5	0.07	45	46	341	2.24
JB18	Kjøli	Jensåsbekken	68	10400N	10450E	3.1	bluegrey silt	-0.5	0.02	1.26	1.46	0.08	0.56	1.14	3.5	0.06	42	45	311	2.06
JB19	Kjøli	Jensåsbekken	68	10400N	10425E	2.7	bluegrey silt+fragm of chl sch w/biopb	-0.5	0.02	1.29	1.58	0.09	0.56	0.3	4.4	0.07	45	49	166	2.18
JB20	Kjøli	Jensåsbekken	68	10400N	10400E	1.3	grey silt+fragm and plug of chl sch	-0.5	0.04	1.84	2.44	0.08	1.65	0.21	7.8	0.18	83	76	122	3.16
JB21	Kjøli	Jensåsbekken	68	10400N	10375E	1	brownish grey silt	-0.5	0.02	1.11	1.47	0.09	0.51	0.24	5.5	0.07	47	48	142	1.95
JB22	Kjøli	Jensåsbekken	68	10400N	10325E	1.4	grey silt rich in chl, +fragm and plug of chl-bio sch	-0.5	0.02	1.87	2.4	0.08	1.34	0.23	7.5	0.14	82	76	126	3.25
JB23	Kjøli	Jensåsbekken	68	10300N	10000E	1.6	grey silt w/fragm and plug of chl-rich mica sch	-0.5	0.02	1.92	2.48	0.09	1.29	0.21	6.7	0.14	79	78	155	3.4
JB24	Kjøli	Jensåsbekken	68	10300N	10050E	2.5	grey silt w/fragm and plug of chl sch	-0.5	0.02	1.83	2.36	0.08	1.36	0.21	8.5	0.15	90	77	125	3.25
JB25	Kjøli	Jensåsbekken	68	10300N	10075E	2.2	grey, chl-rich silt w/fragm and plug of chl-bio sch	-0.5	0.02	1.83	2.22	0.08	1.13	0.2	7.1	0.13	76	64	208	3.07
JB26	Kjøli	Jensåsbekken	68	10300N	10100E	1	grey, chl-rich silt+plug of bio sch	-0.5	0.04	2.59	3.26	0.1	2.1	0.28	4.5	0.22	92	41	203	4.3
JB27	Kjøli	Jensåsbekken	68	10300N	10125E	1.2	bluegrey and minor yellowbrown silt	-0.5	0.01	1.06	1.65	0.08	0.58	0.19	3.6	0.07	37	43	148	2.06
JB28	Kjøli	Jensåsbekken	68	10300N	10175E	2.4	browngrey silt w/fragm of chl-bio sch	-0.5	0.02	1.25	1.56	0.08	0.68	0.76	4.9	0.08	50	49	235	2.17
JB29	Kjøli	Jensåsbekken	68	10300N	10325E	3.7	bluegrey silt+qtz-mica sch plug	-0.5	0.02	1.48	1.88	0.08	0.72	0.85	4.3	0.08	53	56	275	2.55
JB30	Kjøli	Jensåsbekken	68	10300N	10375E	0.9	grey and brown silt+chl-mica matr	-0.5	0.02	1.12	1.49	0.08	0.56	0.2	4.9	0.08	48	46	76	1.89
JB31	Kjøli	Jensåsbekken	68	10300N	10400E	1.3	grey and minor brown silt+fragm of finegr chloritic sch w/biopb+qtz plug	-0.5	0.02	1.26	1.71	0.09	0.74	0.23	5.1	0.1	51	51	116	2.2
JB32	Kjøli	Jensåsbekken	68	10300N	10425E	0.7	grey silt	-0.5	0.02	1.74	2.43	0.07	1.02	0.18	6.8	0.15	74	73	143	3.05
JB33	Kjøli	Jensåsbekken	68	10300N	10450E	1.1	chl-mica-rch silt, rich in fragm of chl-bio sch+plug of same	-0.5	0.03	2.11	2.87	0.08	1.66	0.22	8.9	0.2	97	87	140	3.72
JB34	Kjøli	Jensåsbekken	68	10300N	10500E	2.2	light brown silt	-0.5	0.01	0.84	1.05	0.08	0.39	0.81	2.7	0.05	31	32	247	1.53
DUP-JB04	Kjøli	Jensåsbekken	68					-0.5	0.02	1.29	1.53	0.08	0.55	1.09	3.7	0.06	42	45	283	2.2
DUP-JB16	Kjøli	Jensåsbekken	68					-0.5	0.02	1.28	1.66	0.08	0.47	0.23	4.2	0.06	39	43	170	2.28
DUP-JB28	Kjøli	Jensåsbekken	68					-0.5	0.02	1.24	1.56	0.08	0.69	0.78	5	0.08	50	50	234	2.17
NIST8606								1.9	0.28	0.36	1.4	0.16	0.11	9.23	2.3	0.1	24	24	5620	5.46

Encl. 5

Jensåsbekken DOB results 2000

Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Au	Na	Ca	Sc	Cr	Fe	Co	Ni	Zn	As	Se	Br
ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	NA-BA	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	5	500	1	1	10	0.1	5	100	50	2	5	1
11	37	34	51.6	-3	27.4	8.4	6.9	-1	-0.2	-1	-10	-5	59	18.1	-10	-2	-5	-5	18000	3	19	120	3.6	16	-100	99	-2	-5	-1
13	37	32.1	50.8	-3	17.9	8.2	7.6	3	0.3	-1	-10	-5	54	17.7	-10	3	-5	14	17000	2	19	110	3.5	15	-100	95	-2	-5	-1
12	35	41.9	52.3	-3	7.6	6.6	7.6	-1	-0.2	-1	-10	-5	61	10.8	-10	4	-5	-5	16000	3	19	100	3.3	13	-100	-50	-2	-5	-1
11	40	40.5	56.6	-3	25.4	9.9	9.2	-1	-0.2	-1	-10	-5	77	20.2	-10	3	-5	-5	18000	2	20	110	3.9	18	-100	160	-2	-5	-1
16	48	34.7	66.7	-3	16.6	8.4	8.2	1	-0.2	-1	-10	-5	119	19.3	-10	3	-5	21	17000	2	19	120	4.1	20	-100	-50	-2	-5	-1
12	39	31.8	55.3	-3	7	9.6	7.3	-1	-0.2	-1	-10	-5	97	17.4	-10	-2	-5	-5	20000	1	18	110	3.9	17	-100	170	-2	-5	-1
18	46	9	77.8	-3	27	8.6	7.1	2	0.2	-1	-10	-5	156	11.8	-10	3	-5	12	17000	-1	15	120	5.4	25	-100	140	-2	-5	2
18	44	48.9	66.6	-3	4.6	11.4	6.4	1	-0.2	-1	-10	-5	124	13.6	-10	-2	-5	-5	28000	2	14	120	4	20	-100	150	2	-5	2
18	57	49.7	74	-3	7.2	12.2	6.6	-1	0.2	-1	-10	-5	103	22.5	-10	8	-5	-5	16000	2	16	130	3.8	17	-100	130	-2	-5	2
17	48	53.6	79.8	-3	5.8	10.9	7.9	-1	0.3	-1	-10	-5	111	16.2	-10	3	-5	-5	17000	2	20	120	4.2	20	-100	170	-2	-5	2
15	51	43.3	69.3	-3	17.4	10.8	9.2	1	-0.2	-1	-10	-5	97	20.8	-10	2	-5	21	17000	2	18	120	4	19	-100	160	-2	-5	-1
16	50	60.2	85	-3	7.9	11.7	10.6	-1	-0.2	-1	-10	-5	78	24	-10	17	-5	-5	19000	2	19	130	4.5	19	-100	150	-2	-5	-1
14	44	46.6	60.6	-3	18.2	10.2	11.8	-1	-0.2	-1	-10	-5	91	20.4	-10	3	-5	-5	18000	2	19	120	4	20	-100	-50	-2	-5	-1
18	51	57	61.1	-3	5.9	12.1	7.5	-1	-0.2	-1	-10	-5	62	20.5	-10	-2	-5	-5	15000	1	18	110	3.6	18	-100	140	-2	-5	-1
21	45	118	67.5	-3	4.4	9.7	5.5	-1	-0.2	-1	-10	-5	45	12.2	-10	3	-5	-5	15000	2	19	120	6	27	-100	91	-2	-5	2
15	48	67.1	78.5	-3	7.2	11.5	3.6	-1	-0.2	-1	-10	-5	42	22.9	-10	4	-5	-5	12000	1	20	130	4.2	18	-100	170	-2	-5	2
11	42	40.5	92	-3	8	9.2	6.4	-1	-0.2	-1	-10	-5	71	15.5	-10	4	-5	-5	17000	2	18	100	3.7	17	-100	210	-2	-5	-1
12	36	35.9	61.4	-3	25.6	8.6	8.8	-1	-0.2	-1	-10	-5	72	17.4	-10	4	-5	-5	18000	3	18	100	3.5	15	-100	130	-2	-5	2
11	40	38.3	95.9	-3	8.5	11.2	6.5	-1	-0.2	-1	-10	-5	68	22.6	-10	-2	-5	33	18000	2	18	110	3.5	16	-100	160	-2	-5	-1
16	51	8.2	71.6	-3	4.3	6.7	3.2	-1	0.2	-1	-10	-5	239	16.1	-10	3	-5	-5	17000	-1	17	130	4.3	19	-100	110	-2	-5	-1
11	36	32.5	64.1	-3	6.2	11.9	3.6	-1	-0.2	-1	-10	-5	57	18.9	-10	4	-5	-5	20000	1	17	110	3.6	17	100	100	-2	-5	2
18	50	5	68.5	-3	5.8	9.6	3	-1	-0.2	-1	-10	-5	156	23.5	-10	-2	-5	13	16000	1	18	120	4.6	21	-100	120	-2	-5	-1
16	50	70	221	-3	4.7	9.1	6.9	1	-0.2	-1	-10	-5	160	15.6	-10	11	-5	-5	16000	-1	17	130	4.9	20	-100	330	3	5	-1
16	47	38.3	210	-3	5.9	9.9	7.1	3	-0.2	1	-10	-5	176	24.6	-10	10	-5	-5	19000	2	18	130	4.7	20	-100	320	4	-5	-1
15	45	2220	210	-3	4.1	18.2	6.1	1	0.5	-1	-10	-5	163	27.1	-10	7	*INF	12	18000	-1	19	110	5	19	-100	340	5	-5	2
20	27	63	262	86	6.1	11.8	3.5	1	-0.2	-1	-10	-5	179	14.2	-10	44	-5	-5	11000	2	24	71	6.1	23	-100	390	80	-5	-1
20	44	127	1060	20	5.1	22.5	7.8	2	0.3	2	-10	-5	69	30.4	-10	80	-5	-5	15000	3	17	100	3.7	24	-100	1400	27	-5	-1
12	41	42.9	58	-3	15.6	9.5	5.3	-1	-0.2	-1	-10	-5	85	19.6	-10	3	-5	-5	20000	2	18	110	3.6	19	-100	-50	-2	-5	-1
15	47	37.8	63.5	-3	21.2	10	11.1	-1	-0.2	-1	-10	-5	107	19.6	-10	4	-5	-5	16000	2	19	120	4.3	19	-100	100	-2	-5	-1
11	34	16.4	63.5	-3	4.6	7.3	2.8	-1	-0.2	-1	-10	-5	67	13.2	-10	-2	6	16	21000	2	17	120	3.8	19	-100	170	-2	-5	-1
14	42	37.8	60.5	-3	5.3	11.5	3.4	-1	-0.2	-1	-10	-5	80	18.4	-10	3	-5	-5	19000	2	18	120	3.7	17	-100	94	-2	-5	-1
17	53	30.8	73.6	-3	4.2	14.7	3.9	-1	-0.2	-1	-10	-5	150	24.4	-10	3	-5	-5	18000	-1	19	140	4.5	22	-100	140	2	-5	-1
19	63	9.3	81.8	-3	3	15.7	3.1	-1	-0.2	-1	-10	-5	234	28.4	-10	-2	-5	-5	18000	1	19	130	5	22	-100	-50	-2	-5	-1
10	26	26.8	39.8	-3	20	6.9	4.3	-1	-0.2	-1	-10	-5	54	15.1	-10	-2	-5	-5	18000	2	16	89	3.1	13	-100	100	-2	-5	2
12	38	36.8	52.2	-3	24.5	9.1	7.7	-1	-0.2	-1	-10	-5	75	18.5	-10	4	-5	-5	16000	3	19	100	3.7	15	-100	82	-2	-5	-1
15	50	69.5	73.1	-3	6.8	11.4	3.3	1	-0.2	-1	-10	-5	43	22.3	-10	5	-5	-5	13000	2	20	140	4.3	20	-100	180	-2	-5	2
13	41	40.3	56	-3	15.5	9.6	5.4	-1	-0.2	-1	-10	-5	85	19.9	-10	4	-5	-5	19000	3	18	110	3.7	17	-100	140	-2	-5	-1
6	22	44.4	44.7	-3	7.1	20	21.5	1050	0.3	-1	16	-5	14	25.6	652	22	20	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000

Jensåsbekken DOB results 2000

Rb	Sr	Mo	Ag	Sb	Cs	Ba	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Hf	Ta	W	Ir	Hg	Th	U
NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
30	**500**	**5**	**5**	**0.2**	**3**	**100**	**1**	**3**	**10**	**0.5**	**0.2**	**0.5**	**0.5**	**0.05**	**1**	**1**	**4**	**20**	**1**	**0.5**	**0.5**
61	-500	-5	-5	-0.2	-3	330	35	75	30	6.4	1	-0.5	3	0.42	5	2	-4	-20	-1	11	2.9
70	-500	-5	-5	-0.2	-3	330	34	74	29	6.5	1	-0.5	2.9	0.49	6	1	-4	-20	-1	9.2	-0.5
49	-500	-5	-5	-0.2	-3	290	25	63	24	5.1	0.9	1.4	2.7	0.51	6	-1	-4	-20	-1	9.1	2.7
71	-500	-5	-5	-0.2	-3	390	34	69	34	6.5	1.8	1.5	2.6	0.41	5	2	-4	-20	-1	10	2.2
100	-500	-5	-5	-0.2	-3	430	34	70	28	6.4	1.3	1.6	2.8	0.43	5	1	-4	-20	-1	11	2
84	-500	-5	-5	0.2	-3	370	28	66	29	5.4	1.4	-0.5	2.3	0.39	5	2	-4	-20	-1	10	2.7
59	-500	-5	5	-0.2	-3	350	16	53	19	3.2	0.8	-0.5	1.5	0.27	5	-1	-4	-20	-1	10	1.3
37	-500	-5	-5	-0.2	-3	-100	19	60	16	3.5	1.1	-0.5	1.2	0.25	5	2	-4	-20	-1	10	3
90	-500	-5	-5	-0.2	5	450	30	74	25	5.8	1.1	-0.5	2.4	0.38	5	-1	-4	-20	-1	11	2.2
64	-500	-5	-5	-0.2	-3	370	27	69	27	5.6	1.2	-0.5	2.6	0.46	6	-1	-4	-20	-1	11	3.2
98	-500	-5	-5	-0.2	-3	350	33	70	28	6	1.3	-0.5	2.5	0.36	5	-1	-4	-20	-1	10	2.5
55	-500	-5	-5	-0.2	-3	390	31	66	28	5.9	1.4	-0.5	1.8	0.36	5	-1	-4	-20	-1	11	1.7
94	-500	-5	-5	-0.2	-3	360	33	73	27	6.4	1.8	-0.5	2.4	0.43	5	2	-4	-20	-1	10	-0.5
83	-500	-5	-5	-0.2	-3	340	28	59	25	5.6	1.1	-0.5	2.2	0.33	5	-1	-4	-20	-1	10	1.6
-30	-500	-5	-5	-0.2	-3	250	22	58	20	5.1	1.1	0.8	2.7	0.47	6	-1	-4	-20	-1	10	3.2
75	-500	-5	-5	-0.2	-3	370	33	69	29	6.3	1.1	1.4	1.8	0.31	5	-1	-4	-20	-1	12	3.6
57	-500	-5	-5	-0.2	-3	380	28	67	21	5.1	1.3	-0.5	2.4	0.38	5	-1	-4	-20	-1	10	2.8
35	-500	-5	-5	-0.2	3	370	33	67	30	6.1	1.3	-0.5	2.5	0.44	6	1	-4	-20	-1	9.2	3.1
47	-500	-5	-5	-0.2	-3	360	35	71	31	6.2	1.2	-0.5	2.3	0.36	5	1	-4	-20	-1	10	5.1
86	-500	-5	-5	-0.2	-3	700	21	44	16	3.6	0.6	-0.5	1	0.16	4	-1	-4	-20	-1	8.5	1.4
-30	-500	-5	-5	-0.2	-3	220	28	61	27	5.9	1.5	-0.5	2	0.35	4	1	-4	-20	-1	10	2.6
81	-500	-5	-5	-0.2	-3	470	32	67	27	5.7	1.3	-0.5	1.2	0.2	4	-1	-4	-20	-1	10	3.5
89	-500	-5	-5	-0.2	4	500	20	50	21	3.9	0.9	1	1.4	0.19	4	-1	-4	-20	-1	10	1.8
82	-500	-5	-5	-0.2	-3	390	33	66	28	6	1.3	1.5	1.5	0.22	6	-1	-4	-20	-1	11	2.2
92	-500	-5	-5	-0.2	3	510	40	92	34	8.1	2.2	2.1	2.7	0.42	5	2	7	-20	-1	11	2.8
120	-500	-5	-5	-0.2	3	480	40	89	34	8.4	1.9	-0.5	4.3	0.76	7	-1	-4	-20	-1	11	2.3
47	-500	-5	-5	-0.2	4	250	48	110	42	11	2.1	1.4	4.1	0.64	7	-1	-4	-20	-1	8.8	9
62	-500	-5	-5	-0.2	-3	380	34	71	30	6.2	1.3	-0.5	2.2	0.32	5	-1	-4	-20	-1	10	3.2
100	-500	-5	-5	-0.2	-3	530	36	74	32	6.5	1.3	-0.5	2.6	0.47	6	2	-4	-20	-1	10	1.8
90	-500	-5	-5	-0.2	-3	370	20	41	15	3.5	0.9	-0.5	1.6	0.25	5	-1	-4	-20	-1	9.3	1.9
59	-500	-5	-5	-0.2	-3	300	27	62	25	5.3	1	-0.5	2	0.33	5	-1	-4	-20	-1	9.2	2.7
83	-500	-5	-5	-0.2	-3	450	35	75	33	6.7	1.3	1.5	2.1	0.27	5	2	-4	-20	-1	9.5	-0.5
120	-500	-5	-5	-0.2	-3	570	32	71	29	6.1	1	-0.5	1.2	0.22	4	-1	-4	-20	-1	8.7	2.5
44	-500	-5	-5	-0.2	-3	240	30	64	29	5.6	1.1	-0.5	2.8	0.43	5	-1	-4	-20	-1	8.3	3.1
51	-500	-5	-5	-0.2	-3	240	33	67	29	6.1	1.3	-0.5	2.6	0.46	6	-1	-4	-20	-1	10	2.5
71	-500	-5	-5	0.2	-3	370	33	71	31	6.4	1.4	1.6	1.8	0.3	5	-1	-4	-20	-1	13	3.4
56	-500	-5	-5	-0.2	-3	330	33	72	29	6	1.7	1.4	2.3	0.34	5	-1	-4	-20	-1	9.4	2.8
-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000	-3000

Prepared by Bernt Røsholt1/30/01

2001 DOB results
Killingdal-Menna ore fields

Spl.no	UTM E	UTM N	Depth	Target	Description	Smpl. Id	Be	Na	Mg	Al	P	K	Ca	Sc	Ti
						Sch Code	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
						Ana Unit	ppm	%	%	%	%	%	%	ppm	%
						Det Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01
DOB001	626250	6969100	1.9	Børkleppen W	grey and (rusty-)brown silt	DOB001	-0.5	0.02	0.87	1.36	0.04	0.45	0.22	3.6	0.08
DOB002	626200	6969100	2.7	Børkleppen W	grey silt with bio sch fragm.	DOB002	0.5	0.02	1.51	2.1	0.05	0.67	0.26	3.2	0.09
DOB003	626175	6969100	3.3	Børkleppen W	grey silt - miscellaneous rock fragm.	DOB003	0.5	0.02	1.47	1.86	0.06	0.63	0.56	3.5	0.08
DOB004	626150	6969100	3.2	Børkleppen W	grey silt	DOB004	0.5	0.04	1.29	1.72	0.05	0.63	0.97	3.6	0.09
DOB005	626125	6969100	3.6	Børkleppen W	greenish-grey silt w/th var. rock fragm., a.o. light grey quartzite and a dark rock	DOB005	-0.5	0.02	0.68	1.03	0.04	0.31	0.6	2.7	0.04
DOB006	626100	6969100	2.5	Børkleppen W	grey silt	DOB006	0.5	0.03	0.79	1.19	0.05	0.37	0.44	3.1	0.06
	626050	6969100		Børkleppen W	not possible, 3 attempts. 1,5m thick swamp above bedrock - no sed.										
DOB007	626250	6969200	1.8	Børkleppen W	light brown silt with various rock fragm.	DOB007	0.5	0.02	0.9	1.26	0.06	0.29	0.2	3.6	0.06
DOB008	626200	6969200	2.5	Børkleppen W	brownish-grey silt	DOB008	-0.5	0.02	0.85	1.23	0.05	0.37	0.21	3.4	0.06
DOB009	626175	6969200	3.4	Børkleppen W	grey silt with various rounded pebbles	DOB009	0.5	0.02	0.71	1.17	0.04	0.36	0.18	3.3	0.05
DOB010	626150	6969200	3.4	Børkleppen W	grey silt with rounded fragm. of light quartzite	DOB010	0.5	0.02	0.67	1.08	0.04	0.35	0.64	2.6	0.05
DOB011	626125	6969200	2.8	Børkleppen W	grey silt with rounded fragm. of light quartzite	DOB011	-0.5	0.02	0.76	1.21	0.04	0.41	0.29	2	0.06
DOB012	626100	6969200	2.7	Børkleppen W	grey silt with rounded fragm. of light quartzite	DOB012	-0.5	0.02	0.65	1.03	0.04	0.33	0.19	2.9	0.05
DOB013	626050	6969200	2.8	Børkleppen W	grey silt	DOB013	0.5	0.02	0.76	1.08	0.04	0.38	0.56	1.9	0.05
DOB014	626250	6969300	2.7	Børkleppen W	light brown silt	DOB014	-0.5	0.02	0.87	1.23	0.06	0.3	0.19	2.6	0.05
DOB015	626200	6969300	3.1	Børkleppen W	light browngrey silt with quartzite fragm. + plug of chlorite-bio sch.	DOB015	-0.5	0.02	0.88	1.18	0.05	0.29	0.2	2.7	0.04
DOB016	626175	6969300	2.2	Børkleppen W	light browngrey silt, plug of quartzite	DOB016	-0.5	0.02	0.97	1.33	0.06	0.3	0.2	3.1	0.05
DOB017	626150	6969300	2.2	Børkleppen W	light brown silt (partly rusty brown) with frequent rounded quartzite pebbles	DOB017	0.5	0.02	0.88	1.23	0.06	0.29	0.19	3.1	0.05
DOB018	626125	6969300	3.3	Børkleppen W	light brown silt with quartzite pebbles	DOB018	-0.5	0.02	0.89	1.26	0.06	0.28	0.22	2.9	0.07
DOB019	626100	6969300	2.8	Børkleppen W	light browngrey silt with fragm. of chlorite-mica sch and quartzite plug	DOB019	-0.5	0.02	1.22	1.6	0.06	0.28	0.23	3.3	0.06
DOB020	626050	6969300	3.7	Børkleppen W	light greybrown silt with pebbles and plug of white quartzite	DOB020	-0.5	0.02	0.58	0.87	0.05	0.23	0.2	2.4	0.04
DOB021	626050	6969400	3.5	Børkleppen W	light greybrown silt with quartzite fragm.	DOB021	-0.5	0.02	0.89	1.15	0.06	0.3	1.02	2.4	0.04
DOB022	626100	6969400	3	Børkleppen W	light greybrown silt with schist fragm., prob. Gula schist	DOB022	-0.5	0.02	0.79	1.03	0.05	0.26	1.19	2.1	0.04
DOB023	626125	6969400	2.5	Børkleppen W	light brown silt with schist fragm.	DOB023	-0.5	0.02	0.82	1.18	0.06	0.28	0.2	2.8	0.05
DOB024	626150	6969400	3.1	Børkleppen W	light greybrown silt with schist fragm., prob. Gula schist	DOB024	0.5	0.02	0.98	1.36	0.06	0.38	0.28	3	0.05
DOB025	626175	6969400	2.8	Børkleppen W	light brown silt with plug of light quartzite	DOB025	0.5	0.02	0.95	1.24	0.06	0.41	0.29	3.3	0.08
DOB026	626200	6969400	3	Børkleppen W	light brown silt with plug of light quartzite	DOB026	-0.5	0.02	0.77	1.07	0.06	0.28	0.31	2.7	0.04
DOB027	626250	6969400	1.4	Børkleppen W	brown, rel. dark, silt with greenstone plug	DOB027	-0.5	0.02	0.8	1.31	0.05	0.15	0.2	2.5	0.06
DOB028	626250	6969500	3.4	Børkleppen W	grey silt with plug of qtz-rich mica sch.	DOB028	0.5	0.02	1.55	2.12	0.05	0.7	0.87	4.6	0.09
DOB029	626200	6969500	3.2	Børkleppen W	light brownish-grey silt	DOB029	0.5	0.02	0.73	1.03	0.05	0.32	0.71	2.7	0.05
DOB030	626175	6969500	1.5	Børkleppen W	light brown silt with quartzite plug	DOB030	0.5	0.02	0.99	1.5	0.06	0.27	0.13	3.6	0.06
DOB031	626150	6969500	2.1	Børkleppen W	light greybrown silt	DOB031	0.5	0.02	0.83	1.12	0.05	0.31	0.92	2.7	0.05
DOB032	626125	6969500	2.8	Børkleppen W	light greybrown silt	DOB032	0.5	0.02	1.01	1.38	0.06	0.37	0.84	2.8	0.05
DOB033	626100	6969500	2.9	Børkleppen W	light greybrown silt	DOB033	0.5	0.02	0.8	1.04	0.06	0.24	0.24	3.3	0.04
DOB034	626050	6969500	2.8	Børkleppen W	light greybrown silt + minor sand	DOB034	-0.5	0.01	0.45	0.61	0.06	0.15	0.2	2.2	0.03
DOB035	626250	6969600	3.1	Børkleppen W	grey silt with quartzite fragm.	DOB035	0.5	0.02	0.92	1.28	0.04	0.41	0.81	3.1	0.06
DOB036	626200	6969600	4.4	Børkleppen W	grey silt with edged and rounded quartzite fragm.	DOB036	0.5	0.02	1.14	1.33	0.05	0.42	0.96	3.4	0.06
DOB037	626175	6969600	3.5	Børkleppen W	grey silt with edged and rounded quartzite fragm.	DOB037	0.5	0.02	1.28	1.68	0.05	0.55	0.94	3.5	0.07
DOB038	626150	6969600	2.2	Børkleppen W	light brownish-grey silt with edged and rounded quartzite fragm.	DOB038	-0.5	0.02	0.8	1.08	0.05	0.37	0.72	3.7	0.06
DOB039	626125	6969500	3.1	Børkleppen W	light brownish-grey silt with q.zite fragm. + plug of q.tzo-feldsp.mic.sch w. bio b.p.	DOB039	0.5	0.02	0.93	1.25	0.05	0.39	0.58	2.6	0.06
DOB040	626100	6969500	4	Børkleppen W	light brownish-grey silt with quartzite fragm.	DOB040	-0.5	0.02	0.65	0.84	0.05	0.26	0.77	3	0.04
DOB041	626050	6969600	2.9	Børkleppen W	light greenish-grey silt with quartzite fragm.	DOB041	0.5	0.02	0.86	1.13	0.05	0.31	1.34	2.3	0.05
DOB042	626250	6969700	2.6	Børkleppen W	grey silt	DOB042	-0.5	0.02	1.45	1.84	0.05	0.61	1.17	3.2	0.08
DOB043	626200	6969700	3.4	Børkleppen W	grey silt	DOB043	0.5	0.02	0.54	0.83	0.03	0.27	0.51	1.6	0.04
DOB044	626175	6969700	4.5	Børkleppen W	grey silt	DOB044	0.5	0.02	0.66	0.99	0.04	0.29	0.73	2.1	0.04
DOB045	626150	6969700	3.4	Børkleppen W	grey silt with quartzite fragm.	DOB045	-0.5	0.02	0.67	0.95	0.04	0.31	0.66	2.7	0.04
DOB046	626125	6969700	3.5	Børkleppen W	grey silt with quartzite and bio sch fragm.	DOB046	-0.5	0.02	0.71	1.09	0.03	0.38	0.56	3.5	0.05
DOB047	626100	6969700	4.2	Børkleppen W	grey silt with quartzite and bio sch fragm.	DOB047	-0.5	0.02	0.56	0.84	0.04	0.29	0.57	2	0.04
DOB048	626050	6969700	4	Børkleppen W	grey silt with fragm. of quartzite, qtz and quartzo-feldspatic sch with small bio p.t.	DOB048	-0.5	0.02	0.87	1.2	0.05	0.36	0.97	2.6	0.05
DOB049	626200	6969800	3.6	Børkleppen W	grey silt	DOB049	-0.5	0.02	0.67	0.91	0.04	0.28	0.7	2.1	0.04
DOB050	626175	6969800	3.5	Børkleppen W	grey silt with fragm. of quartzo-feldspatic sch with small b.p.	DOB050	-0.5	0.02	0.79	1.16	0.04	0.33	0.49	1.8	0.05
DOB051	626150	6969800	3.7	Børkleppen W	grey silt with fragm. + plug of quartzite	DOB051	0.5	0.02	0.81	1.16	0.04	0.34	0.84	2.7	0.05

Encl. no 9

2001 DOB results
Killingdal-Menna ore fields

DOB052	626125	6969800	3.8	Børkleppen W	grey silt	DOB052	0.5	0.02	0.7	1.02	0.03	0.28	0.82	1.5	0.04				
DOB053	626100	6969800	3.4	Børkleppen W	grey silt with fragm. of quartzite and mica sch	DOB053	0.5	0.02	1.06	1.5	0.04	0.48	0.9	3.2	0.06				
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**				
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**				
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**				
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**				
DOB054	624850	6970700	2.6	Folldalen	greybrown sand and gravel	DOB054	0.5	0.02	1.09	1.47	0.04	0.29	0.18	3.3	0.08				
DOB055	624800	6970700	3.1	Folldalen	grey silt	DOB055	0.5	0.02	0.99	1.4	0.04	0.49	0.15	4.3	0.08				
DOB056	624775	6970700	4.4	Folldalen	grey silt	DOB056	0.5	0.02	0.95	1.33	0.04	0.41	0.16	4	0.06				
DOB057	624750	6970700	3.8	Folldalen	grey silt with fragm. + plug of bio sch	DOB057	0.5	0.03	1.58	2.16	0.05	0.82	0.52	6.9	0.14				
DOB058	624725	6970700	2.5	Folldalen	grey silt	DOB058	0.5	0.02	1.19	1.77	0.05	0.47	0.25	3.8	0.07				
DOB059	624700	6970700	3.2	Folldalen	upper: rusty brown silt; lower: grey silt, both with fragm. of quartzite and qtz-rich mica sch	DOB059	0.5	0.02	0.8	1.07	0.05	0.28	0.25	2.3	0.05				
DOB060	624650	6970700	4.7	Folldalen	grey silt	DOB060	0.5	0.02	0.99	1.32	0.04	0.39	1.04	2.7	0.05				
DOB061	624850	6970600	2	Folldalen	grey silt	DOB061	0.5	0.02	0.55	0.8	0.05	0.17	0.2	2.3	0.03				
DOB062	624825	6970600	2.6	Folldalen	grey silt	DOB062	0.5	0.03	0.96	1.31	0.04	0.4	1.11	3.2	0.05				
	624800	6970600		Folldalen	not attempted, because of moraine ridge (esker)														
DOB063	624775	6970600	5.5	Folldalen	light grey silt with fragm. of quartzite and qtz-rich mica sch	DOB063	0.5	0.02	0.68	0.93	0.05	0.25	1.47	1.6	0.04				
DOB064	624750	6970600	4.2	Folldalen	light grey silt with fragm. of quartzite	DOB064	0.5	0.02	1.11	1.55	0.05	0.43	1.49	2.6	0.06				
DOB065	624725	6970600	3.1	Folldalen	light brown silt with quartzite fragm.	DOB065	0.5	0.02	0.51	0.7	0.05	0.17	0.45	1.9	0.03				
DOB066	624700	6970600	1.5	Folldalen	upper: grey silt; lower: brown sand, both with quartzite fragm.	DOB066	0.5	0.02	0.44	0.73	0.06	0.12	0.17	2.3	0.03				
DOB067	624650	6970600	3.4	Folldalen	grey silt	DOB067	0.5	0.02	0.65	0.86	0.06	0.29	0.24	2.4	0.05				
DOB068	624880	6970460	3.4	Folldalen	grey silt with fragm. of quartzitic mica sch	DOB068	0.5	0.02	1.24	1.76	0.05	0.48	0.63	3.1	0.07				
DOB069	624830	6970460	3.7	Folldalen	light brownish grey silt	DOB069	0.5	0.02	1.01	1.45	0.06	0.39	0.83	2.9	0.06				
DOB070	624805	6970460	3.5	Folldalen	grey silt with fragm. of phyllitic sch with small bio p.b.	DOB070	0.5	0.03	1.11	1.41	0.05	0.41	1.23	2.7	0.05				
DOB071	624780	6970460	1.6	Folldalen	grey silt with bio sch fragm.	DOB071	0.5	0.03	1.77	2.52	0.05	1.05	0.23	7.1	0.12				
DOB072	624755	6970470	2.4	Folldalen	grey silt with quartzite fragm.	DOB072	0.5	0.02	0.71	1.01	0.04	0.3	0.18	2.2	0.04				
DOB073	624730	6970470	4.2	Folldalen	grey silt	DOB073	0.5	0.01	0.48	0.57	0.06	0.14	1.15	1.4	0.02				
DOB074	624680	6970475	1.7	Folldalen	brown silt with plug of phyllite (stop on boulder?)	DOB074	0.5	0.02	0.94	1.52	0.06	0.49	0.2	4.2	0.08				
DOB075	624900	6970340	1.6	Folldalen	light brownish grey silt with quartzite fragm. (stop on boulder?)	DOB075	0.5	0.01	0.67	1	0.05	0.23	0.19	2.8	0.05				
DOB076	624850	6970340	1.9	Folldalen	brown silt with fragm. of quartzite and finegrained amphibolite (stop on boulder?)	DOB076	0.5	0.04	0.36	0.8	0.15	0.09	0.65	3.7	0.05				
DOB077	624825	6970340	3.5	Folldalen	grey silt with quartzite fragm.	DOB077	0.5	0.01	0.64	0.9	0.06	0.24	0.22	2.3	0.04				
DOB078	624800	6970340	2.8	Folldalen	grey silt with fragm. of qtz-rich bio sch	DOB078	0.5	0.01	0.73	1.03	0.06	0.44	0.18	3.8	0.05				
DOB079	624775	6970340	1.8	Folldalen	grey silt + chl-rich matr. with phyllite fragm. and bio sch plug	DOB079	0.5	0.03	1.89	2.52	0.06	1.06	0.24	6.3	0.13				
DOB080	624750	6970340	4.6	Folldalen	grey silt with quartzite fragm.	DOB080	0.5	0.02	1.02	1.36	0.05	0.51	0.76	2.9	0.07				
DOB081	624700	6970340	4.5	Folldalen	grey silt with quartzite plug	DOB081	0.5	0.01	0.65	0.81	0.06	0.25	1.05	2.1	0.03				
DOB082	624930	6970200	3.4	Folldalen	grey silt with quartzite plug	DOB082	0.5	0.02	0.6	0.72	0.06	0.2	1.32	1.6	0.03				
DOB083	624880	6970200	3.7	Folldalen	light greybrown silt with plug of weakly rusty chl-mica sch	DOB083	0.5	0.02	1.21	1.77	0.06	0.67	0.22	7.9	0.09				
DOB084	624855	6970207	2.8	Folldalen	brown (partly rusty) sand, gravel and silt	DOB084	0.5	0.02	0.61	0.97	0.07	0.21	0.2	3	0.05				
DOB085	624830	6970200	2.9	Folldalen	light brownish-grey silt/sand with chl sch fragm. + chl-rich matr. at the bottom	DOB085	0.5	0.01	0.67	0.96	0.07	0.36	0.18	3.6	0.06				
DOB086	624805	6970200	2.9	Folldalen	light brown sand/sil; with mica sch plug	DOB086	0.5	0.01	0.5	0.69	0.07	0.14	0.18	1.9	0.03				
DOB087	624780	6970200	2.4	Folldalen	upper 1/2: brown silt, lower 1/2: matr. + plug of chl-bio sch	DOB087	0.5	0.02	1.23	1.75	0.06	0.97	0.21	7.4	0.12				
DOB088	624730	6970200	1.5	Folldalen	brown sand/silt + at the bottom: matr. and plug of chl-bio sch	DOB088	0.5	0.03	1.77	2.54	0.06	0.78	0.21	13.5	0.1				
DOB089	624950	6970130	2.8	Folldalen	grey silt	DOB089	0.5	0.02	0.93	1.21	0.05	0.56	0.91	3.5	0.07				
DOB090	624900	6970130	4.6	Folldalen	light grey silt with quartzite fragm.	DOB090	0.5	0.01	0.55	0.66	0.06	0.19	1.18	1.6	0.03				
DOB091	624875	6970130	3.2	Folldalen	light grey silt	DOB091	0.5	0.01	0.44	0.63	0.08	0.14	0.31	1.6	0.02				
DOB092	624850	6970130	2.6	Folldalen	grey silt	DOB092	0.5	0.02	1.65	2.4	0.05	0.93	0.18	7.3	0.12				
DOB093	624825	6970130	1.2	Folldalen	brown silt/sand, minor humus + plug of white quartzite	DOB093	0.5	0.01	1.19	1.99	0.04	0.19	0.19	4.9	0.1				
DOB094	624800	6970130	4	Folldalen	grey silt	DOB094	0.5	0.02	0.47	0.61	0.04	0.21	0.72	1.6	0.03				
	624750	6970130		Folldalen	not attempted, because of moraine ridge (esker)														
DOB095	624995	6969638	5.9	Folldalen	grey silt	DOB095	0.5	0.03	0.84	1.12	0.04	0.33	0.9	2.5	0.05				
DOB096	624950	6969650	3	Folldalen	grey silt/sand	DOB096	0.5	0.02	1.15	1.44	0.06	0.29	0.18	3	0.05				
DOB097	624925	6969650	2.8	Folldalen	grey silt	DOB097	0.5	0.02	1	1.46	0.05	0.38	0.36	3	0.05				
DOB098	624900	6969647	4.5	Folldalen	grey silt	DOB098	0.5	0.02	0.79	1.08	0.06	0.28	1.2	2.4	0.04				
DOB099	624875	6969670	3.4	Folldalen	sand/gravel	DOB099	0.5	0.02	0.87	1.42	0.05	0.27	0.26	4.1	0.06				
DOB100	624850	6969670	2	Folldalen	grey silt/gravel	DOB100	0.5	0.03	2.25	3.06	0.07	1.99	0.28	6	0.22				
DOB101	624800	6969710	2.6	Folldalen	grey silt	DOB101	0.5	0.02	0.79	1.07	0.04	0.32	0.83	1.9	0.04				
DOB102	625050	6969300	2.1	Folldalen	grey silt	DOB102	0.5	0.02	0.71	1.1	0.06	0.25	0.16	2.9	0.04				

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DOB103	625000	6969300	1 1	Folldalen	greygreen silt	DOB103	-0 5	0 01	0 51	1 01	0 05	0 13	0 15	1 8	0 04				
DOB104	624975	6969300	1 3	Folldalen	grey silt	DOB104	-0 5	0 01	0 54	0 88	0 06	0 3	0 17	2 2	0 05				
DOB105	624950	6969300	3 1	Folldalen	grey silt, weakly rust stained	DOB105	-0 5	0 01	0 55	0 76	0 06	0 19	1 1	1 8	0 03				
DOB106	624925	6969300	1 6	Folldalen	grey silt/gravel	DOB106	-0 5	0 01	0 98	1 51	0 06	0 28	0 26	4 2	0 07				
DOB107	624900	6969300	1 8	Folldalen	grey sand/gravel	DOB107	-0 5	0 01	1 28	1 98	0 07	0 39	0 27	5 2	0 12				
DOB108	624850	6969300	4 5	Folldalen	grey sand/gravel	DOB108	-0 5	0 01	0 38	0 47	0 06	0 15	0 97	1 3	0 03				
DOB109	625050	6969400	3 6	Folldalen	grey silt	DOB109	-0 5	0 03	1 88	2 83	0 04	0 89	1 69	5 5	0 1				
DOB110	625000	6969400	2 5	Folldalen	grey silt	DOB110	-0 5	0 02	0 61	0 86	0 06	0 22	0 3	2 3	0 04				
DOB111	624975	6969400	3 4	Folldalen	grey silt	DOB111	-0 5	0 02	0 76	1 07	0 06	0 28	0 5	2	0 04				
DOB112	624950	6969400	0 7	Folldalen	greybrown silt	DOB112	-0 5	0 01	0 66	1 18	0 05	0 19	0 15	3 6	0 04				
	624925	6969400		Folldalen	no sample, "gorge"														
DOB113	624900	6969400	1 4	Folldalen	greybrown silt	DOB113	-0 5	0 02	0 8	1 31	0 05	0 36	0 16	3 6	0 08				
DOB114	624850	6969400	2 1	Folldalen	greybrown silt	DOB114	-0 5	0 01	0 44	0 66	0 06	0 13	0 17	1 8	0 03				
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**				
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**				
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**				
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**				
DOB115	631950	6970080	0 7	Jensåsbekken	greybrown silt	DOB115	-0 5	0 01	0 91	1 87	0 05	0 28	0 12	3 2	0 07				
DOB116	632000	6970080	1 2	Jensåsbekken	greybrown silt with fragm. of chlorite sch	DOB116	-0 5	0 02	1 78	2 32	0 07	0 56	0 15	6 5	0 07				
DOB117	632050	6970080	1 1	Jensåsbekken	greybrown silt with fragm. of chlorite sch	DOB117	-0 5	0 02	1 23	1 82	0 08	0 53	0 22	5 3	0 08				
DOB118	632075	6970080	0 8	Jensåsbekken	grey silt	DOB118	-0 5	0 03	1 9	2 64	0 07	0 96	0 19	7 6	0 12				
DOB119	632100	6970080	1 9	Jensåsbekken	greybrown silt	DOB119	-0 5	0 02	1 5	1 88	0 09	0 94	0 29	6 6	0 12				
DOB120	632125	6970080	1 4	Jensåsbekken	grey, weakly rusty silt	DOB120	-0 5	0 02	1 34	1 82	0 09	1	0 29	6	0 16				
DOB121	632150	6970080	2 2	Jensåsbekken	grey silt	DOB121	-0 5	0 01	0 88	1 17	0 1	0 38	0 3	4 4	0 06				
DOB122	632175	6970080	2	Jensåsbekken	grey, weakly rusty silt	DOB122	-0 5	0 02	1 2	1 7	0 09	0 52	0 24	5 4	0 07				
DOB123	632200	6970080	2 5	Jensåsbekken	grey silt	DOB123	-0 5	0 03	1 6	2 21	0 08	0 87	0 22	6 9	0 11				
DOB124	632225	6970080	1 1	Jensåsbekken	grey silt with fragm. of chlorite sch	DOB124	-0 5	0 04	2 13	3 04	0 07	1 95	0 2	10 4	0 21				
DOB125	632250	6970080	1 5	Jensåsbekken	grey silt	DOB125	-0 5	0 02	1 45	1 88	0 08	0 71	0 49	5 2	0 09				
DOB126	632300	6970080	4 1	Jensåsbekken	grey silt	DOB126	-0 5	0 02	1 21	1 59	0 08	0 56	1 28	3 9	0 07				
DOB127	632100	6970200	0 9	Jensåsbekken	grey silt	DOB127	-0 5	0 02	1 71	2 32	0 08	0 84	0 26	8 5	0 12				
DOB128	632075	6970200	2 6	Jensåsbekken	greybrown silt	DOB128	-0 5	0 02	1 3	1 78	0 09	0 59	0 26	5 1	0 08				
DOB129	632050	6970200	3 5	Jensåsbekken	grey silt	DOB129	-0 5	0 02	1 44	1 85	0 08	0 86	0 26	5 8	0 09				
DOB130	632025	6970200	2 4	Jensåsbekken	grey silt	DOB130	-0 5	0 02	1 51	1 98	0 08	0 85	0 27	5 5	0 09				
DOB131	632000	6970200	1 8	Jensåsbekken	grey silt	DOB131	-0 5	0 03	1 6	2 04	0 08	0 63	0 23	7 6	0 07				
DOB132	631950	6970200	1 6	Jensåsbekken	grey silt	DOB132	-0 5	0 02	1 75	2 36	0 08	1 06	0 27	7 7	0 13				
DOB133	631950	6970400	1 4	Jensåsbekken	greybrown silt	DOB133	-0 5	0 02	1 14	1 66	0 07	0 44	0 22	5 7	0 08				
DOB134	632000	6970400	1 2	Jensåsbekken	greybrown silt	DOB134	-0 5	0 02	1 61	2 31	0 09	0 64	0 28	8	0 09				
DOB135	632025	6970400	0 7	Jensåsbekken	greygreen, chloritic silt	DOB135	-0 5	0 02	1 34	1 99	0 07	0 51	0 21	6 2	0 09				
DOB136	632050	6970400	1 2	Jensåsbekken	greybrown silt with schist fragm., possible bolder	DOB136	-0 5	0 03	1 27	1 88	0 07	0 49	0 26	5 4	0 09				
DOB137	632075	6970400	1 4	Jensåsbekken	grey silt with mica sch plug	DOB137	-0 5	0 03	2 05	2 88	0 07	1 17	0 2	10 1	0 14				
DOB138	632100	6970400	1 8	Jensåsbekken	grey silt	DOB138	-0 5	0 02	1 33	1 78	0 09	0 61	0 27	5 4	0 08				
DOB139	632125	6970400	2 8	Jensåsbekken	rock matr. of chl-musc(-bio) sch	DOB139	-0 5	0 02	1 55	1 91	0 09	0 77	0 28	6 8	0 09				
DOB140	632150	6970400	2 5	Jensåsbekken	greenish grey silt with fragm. + plug of qtz-mica sch	DOB140	-0 5	0 02	1 59	2 09	0 09	0 89	0 3	5 3	0 1				
DOB141	632175	6970400	2 5	Jensåsbekken	chl-musc-rich matr., fragm. + plug of chl-musc sch	DOB141	-0 5	0 03	1 38	1 87	0 07	0 94	0 26	4 8	0 11				
DOB142	632200	6970400	1 7	Jensåsbekken	chl-rich matr. + greybrown silt/sand + minor humus	DOB142	-0 5	-0 01	0 79	1 12	0 04	0 31	0 17	2 5	0 08				
DOB143	632225	6970400	2 6	Jensåsbekken	chl-ser-musc-bio-matr. with fragm. and plug of same sch	DOB143	-0 5	0 03	3 27	3 69	0 09	2 17	0 26	10 9	0 2				
DOB144	632250	6970400	2 7	Jensåsbekken	chl-mica rich matr. with plug of chl sch	DOB144	-0 5	0 03	2 81	4 2	0 08	3 16	0 29	8 8	0 3				
DOB145	632275	6970400	1 9	Jensåsbekken	grey silt + chl-mica-rich, partly rusty matr. and plug of chl-mica sch	DOB145	-0 5	0 03	0 81	1 18	0 07	0 58	0 19	2 8	0 08				
DOB146	632300	6970400	1 9	Jensåsbekken	grey silt + chl-mica-rich, partly rusty matr. and plug of chl-mica sch	DOB146	-0 5	0 03	1 89	2 41	0 07	1 04	0 25	6 4	0 12				
DOB147	632350	6970400	1 4	Jensåsbekken	light brown silt with fragm. + plug of chl-ser-mica sch (weakly rusty)	DOB147	-0 5	0 02	1 59	2 3	0 07	0 71	0 2	5 9	0 12				
DOB148	631950	6970300	0 6	Jensåsbekken	greenish brown silt	DOB148	-0 5	0 02	1 41	2 22	0 08	0 46	0 26	5 4	0 1				
DOB149	632000	6970300	1 1	Jensåsbekken	grey silt	DOB149	-0 5	0 03	1 73	2 49	0 08	0 76	0 25	7 2	0 12				
DOB150	632025	6970300	1	Jensåsbekken	grey silt	DOB150	-0 5	0 02	1 63	2 34	0 06	0 95	0 22	7 1	0 14				
DOB151	632050	6970300	0 6	Jensåsbekken	greybrown silt	DOB151	-0 5	0 02	1 73	2 48	0 08	0 88	0 24	8 1	0 13				
DOB152	632075	6970300	1 2	Jensåsbekken	greybrown, weakly rusty silt	DOB152	-0 5	0 02	1 31	1 87	0 08	0 56	0 27	5 3	0 09				
DOB153	632100	6970300	1	Jensåsbekken	grey, chloritic silt	DOB153	-0 5	0 02	1 41	1 99	0 07	0 71	0 24	5	0 1				
DOB154	632125	6970300	0 6	Jensåsbekken	greybrown gravel/soil. LOS	DOB154	-0 5	0 01	1 02	2 17	0 04	0 39	0 1	6 1	0 1				

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DOB155	632150	6970300	0.5	Jensåsbekken	greybrown gravel/silt, rusty	DOB155	0.5	0.02	1.01	1.75	0.04	0.64	0.15	5.7	0.11					
DOB156	632175	6970300	1.9	Jensåsbekken	greenish browngrey silt (weak rust) with chl sch fragm. + musc-ser sch plug	DOB156	0.5	0.02	1.83	2.44	0.08	0.88	0.23	7.6	0.13					
DOB157	632200	6970300	1.7	Jensåsbekken	upper: greygreenbrown silt; lower: matr. of chl-ser-musc sch. Both weakly rusty	DOB157	0.5	0.02	1.99	2.83	0.07	1.2	0.23	7.8	0.19					
DOB158	632225	6970300	1.9	Jensåsbekken	upper: greenish grey silt; lower: matr. + plug of ser-chl sch	DOB158	0.5	0.03	2.56	3.63	0.07	1.86	0.27	8.3	0.25					
DOB159	632250	6970300	0.6	Jensåsbekken	upper: rustybrown musc-rich matr. and fragm.; lower: greenish silt	DOB159	0.5	0.02	0.89	1.47	0.06	0.2	0.3	3.4	0.11					
DOB160	632275	6970300	1.2	Jensåsbekken	greenish greybrown silt with chl sch fragm.	DOB160	0.5	0.02	1.4	2.07	0.07	0.7	0.22	6.7	0.11					
DOB161	632300	6970300	1.1	Jensåsbekken	chl-rich matr. + greengrey silt	DOB161	0.5	0.01	1.42	2.15	0.05	0.57	0.22	6.7	0.11					
DOB162	632350	6970300	3.3	Jensåsbekken	grey silt	DOB162	0.5	0.03	1.66	2.18	0.08	0.68	1.64	5	0.09					
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**					
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**					
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**					
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**					
DOB163	625640	6964575	0.8	Svartbekken	grey silt	DOB163	0.5	0.02	2.04	2.62	0.06	0.14	0.27	4.9	0.06					
DOB164	625693	6964525	0.8	Svartbekken	grey silt	DOB164	0.5	0.02	1.18	1.67	0.06	0.23	0.25	4.1	0.05					
DOB165	625704	6964510	1	Svartbekken	greybrown silt	DOB165	0.5	0.01	0.85	1.21	0.03	0.1	0.12	2	0.02					
DOB166	625720	6964496	1.2	Svartbekken	greybrown silt	DOB166	0.5	0.02	0.98	1.46	0.06	0.38	0.2	4.3	0.07					
DOB167	625735	6964478	1.2	Svartbekken	greybrown silt	DOB167	0.5	0.03	1.27	1.87	0.06	0.75	0.18	6.1	0.11					
DOB168	625749	6964468	0.3	Svartbekken	brown silt + humus. LOS	DOB168	0.5	0.01	0.45	0.95	0.02	0.15	0.04	1.4	0.06					
DOB169	625782	6964429	2.2	Svartbekken	greybrown silt	DOB169	0.5	0.02	1.73	2.12	0.06	0.35	0.23	6.7	0.06					
DOB170	625799	6964409	2.5	Svartbekken	greybrown silt with fragm. of chlorite sch	DOB170	0.5	0.01	1.04	1.41	0.07	0.36	0.25	5.4	0.06					
DOB171	625815	6964391	1.3	Svartbekken	greybrown silt with fragm. of chlorite sch	DOB171	0.5	0.03	1.49	1.97	0.06	0.57	0.26	5.9	0.09					
DOB172	625832	6964371	1.4	Svartbekken	greybrown silt with fragm. of chlorite sch and qtz	DOB172	0.5	0.02	1.76	2.2	0.06	0.46	0.25	6.5	0.07					
DOB173	625850	6964349	2	Svartbekken	grey silt with fragm. of chlorite sch, rusty	DOB173	0.5	0.02	1.73	2.21	0.07	0.58	0.26	6.7	0.08					
DOB174	625886	6964309	0.5	Svartbekken	greybrown, rusty silt	DOB174	0.5	0.02	0.99	1.49	0.06	0.46	0.21	3.8	0.07					
DOB175	625535	6964499	0.4	Svartbekken	greybrown silt + minor humus	DOB175	0.5	0.02	0.99	1.49	0.04	0.29	0.14	3.4	0.07					
	625568	6964468		Svartbekken	bedrock, no sample															
DOB176	625583	6964449	1.2	Svartbekken	greybrown silt with chl sch fragm. + minor humus	DOB176	0.5	0.02	1.03	1.7	0.05	0.28	0.14	3.7	0.07					
DOB177	625600	6964432	1	Svartbekken	greybrown silt + minor dark, rustybrown humus-rich silt	DOB177	0.5	0.02	0.99	1.71	0.05	0.29	0.15	3.7	0.07					
DOB178	625618	6964418	2.2	Svartbekken	light brown silt	DOB178	0.5	0.01	0.64	0.92	0.06	0.23	0.19	2.8	0.04					
DOB179	625634	6964398	1.2	Svartbekken	rusty brown sand/silt with fragm. of mica sch + plug of greenstone	DOB179	0.5	0.02	1.2	1.72	0.05	0.33	0.19	3	0.09					
DOB180	625651	6964381	1.4	Svartbekken	greygreen silt with fragm. of greenstone and qtz	DOB180	0.5	0.01	0.93	1.26	0.07	0.4	0.22	4	0.06					
DOB181	625668	6964365	4.2	Svartbekken	grey silt	DOB181	0.5	0.01	0.53	0.72	0.07	0.19	0.21	2.7	0.03					
DOB182	625683	6964349	2.4	Svartbekken	grey silt	DOB182	0.5	0.01	0.73	1.03	0.07	0.24	0.2	3.1	0.04					
DOB183	625701	6964333	0.6	Svartbekken	humus + brown silt with chl sch fragm. LOS	DOB183	0.5	0.01	1.31	2.06	0.04	0.54	0.12	5.1	0.13					
DOB184	625719	6964315	1.5	Svartbekken	brown silt + minor humus	DOB184	0.5	0.01	0.61	1.18	0.02	0.18	0.07	1.6	0.09					
DOB185	625736	6964297	0.4	Svartbekken	dom. humus + grey silt + mica sch plug. LOS	DOB185	0.5	0.02	0.95	1.54	0.05	0.31	0.12	3	0.08					
DOB186	625754	6964278	0.3	Svartbekken	dom. humus + minor brown rock matr. with mica sch fragm. LOS	DOB186	0.5	0.01	0.49	0.75	0.02	0.14	0.06	1.1	0.05					
DOB187	625801	6964231	1.5	Svartbekken	grey + brown silt	DOB187	0.5	0.03	1.61	2.27	0.06	0.73	0.23	6.1	0.1					
DOB188	625482	6964443	1.4	Svartbekken	greybrown silt	DOB188	0.5	0.02	2.03	2.38	0.05	0.4	0.14	7.2	0.06					
DOB189	625516	6964407	4	Svartbekken	greybrown silt	DOB189	0.5	0.02	2.04	2.22	0.05	0.42	0.17	6.2	0.06					
DOB190	625532	6964389	1	Svartbekken	greybrown silt	DOB190	0.5	0.02	0.81	1.35	0.05	0.24	0.16	2.4	0.06					
DOB191	625547	6964369	1	Svartbekken	brown silt with fragm. of dark sch	DOB191	0.5	0.02	2.02	2.43	0.06	0.29	0.16	6.5	0.06					
DOB192	625563	6964350	0.6	Svartbekken	greybrown silt	DOB192	0.5	0.02	1.42	2	0.06	0.37	0.2	3.9	0.09					
DOB193	625574	6964329	1.2	Svartbekken	greybrown silt	DOB193	0.6	0.01	2.75	2.82	0.04	0.2	0.1	8.6	0.02					
DOB194	625589	6964318	1.3	Svartbekken	greybrown silt	DOB194	0.7	0.01	2.51	2.7	0.03	0.43	0.03	8.2	0.06					
DOB195	625605	6964299	2.2	Svartbekken	greybrown silt	DOB195	0.7	0.01	2.86	2.96	0.05	0.37	0.12	8.2	0.07					
DOB196	625623	6964281	1.6	Svartbekken	greyblack silt, prob. derived from blackschist	DOB196	0.7	0.01	1.65	1.96	0.04	0.19	0.17	4.4	0.06					
DOB197	625637	6964262	1.2	Svartbekken	light brown silt, dark grey rock matr. (prob. der. from blacksch) at the bottom	DOB197	0.5	0.02	1.93	2.41	0.06	0.1	0.26	6.9	0.12					
	625662	6964231		Svartbekken	outcrop, no sample															
	625678	6964215		Svartbekken	outcrop, no sample															
DOB198	625717	6964177	0.6	Svartbekken	brown and grey silt and minor humus, plug of carb. mica sch	DOB198	0.5	0.01	0.69	1.47	0.02	0.25	0.07	3.6	0.09					
DOB199	625199	6964380	2.2	Svartbekken	greybrown silt	DOB199	0.5	0.01	1.66	2.05	0.05	0.28	0.13	5.3	0.06					
DOB200	625437	6964349	1	Svartbekken	brown silt, minor humus, qtz fragm., phyllite plug	DOB200	0.5	0.01	1.43	2.21	0.04	0.16	0.08	4	0.05					
DOB201	625452	6964334	1.6	Svartbekken	greybrown silt	DOB201	0.5	0.01	1.44	1.87	0.05	0.19	0.13	4.2	0.04					
DOB202	625471	6964319	2.1	Svartbekken	grey silt + plug of graphite-bearing phyllite	DOB202	0.5	0.02	1.25	1.7	0.04	0.47	0.16	4.1	0.08					
DOB203	625487	6964301	1.5	Svartbekken	brown silt + plug of graphite-bearing phyllite	DOB203	0.5	0.01	1.58	2.8	0.03	0.13	0.06	4.4	0.06					
DOB204	625351	6964330	4.7	Svartbekken	grey silt	DOB204	0.5	0.01	1.07	0.98	0.04	0.39	1.15	2.2	0.05					

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DOB205	625382	6964294	2.4	Svartbekken	greenish grey silt with fragm. of graphite-bearing phyllite	DOB205	-0.5	0.01	1.6	1.91	0.04	0.24	0.06	4.2	0.04				
DOB206	625398	6964275	2.3	Svartbekken	greenish grey silt with fragm. of graphite-bearing phyllite	DOB206	0.5	-0.01	1.62	1.94	0.04	0.25	0.06	4.3	0.04				
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**				
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**				
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**				
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**				
DOB217	625630	6968200	3.2	Unsgardsåsen	grey silt	DOB217	-0.5	0.02	0.48	0.63	0.06	0.17	0.87	1.7	0.03				
DOB218	625655	6968200	2.3	Unsgardsåsen	greybrown silt	DOB218	-0.5	0.02	0.6	0.96	0.06	0.23	0.25	2.7	0.05				
DOB219	625680	6968200	1.6	Unsgardsåsen	greybrown silt	DOB219	-0.5	0.01	0.44	0.6	0.05	0.11	0.21	1.6	0.03				
DOB220	625730	6968200	1.8	Unsgardsåsen	greybrown silt	DOB220	-0.5	0.02	0.73	1.11	0.07	0.14	0.3	2.6	0.05				
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**				
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**				
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**				
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**				
DOB221	625450	6967000	1.6	Killingdal N	greygreen silt + amphibolite-derived matr. + amphibolite plug	DOB221	-0.5	0.01	1.2	1.77	0.1	0.31	0.36	9.1	0.09				
DOB222	625500	6967000	2.7	Killingdal N	upper 1/2: green silt with amphibolite fragm.; lower 1/2: rustybrown, mica-rich silt	DOB222	-0.5	0.01	1.1	1.42	0.08	0.2	0.35	5.4	0.07				
DOB223	625525	6967000	2.8	Killingdal N	green silt with amphibolite fragm., qtz fragm. with ass. rust staining at the bottom	DOB223	-0.5	0.01	0.67	0.94	0.08	0.14	0.3	2	0.04				
DOB224	625550	6967000	2.2	Killingdal N	green silt with fragm. of schisty amphibolite	DOB224	-0.5	0.02	0.81	1.1	0.07	0.07	0.27	2.2	0.05				
DOB225	625575	6967000	0.7	Killingdal N	brown silt with amphibolite fragm.	DOB225	0.5	0.01	1.12	2.09	0.07	0.2	0.28	3.9	0.13				
DOB226	625600	6967000	0.7	Killingdal N	upper: brown silt, lower: green silt, both with amphibolite fragm.	DOB226	0.5	0.02	1.03	1.77	0.06	0.14	0.24	4.1	0.12				
DOB227	625625	6967000	1.7	Killingdal N	chl-musc-bio-rich matr. + minor humus	DOB227	0.5	0.02	1.22	1.72	0.09	0.46	0.39	4.4	0.11				
DOB228	625650	6967000	1.4	Killingdal N	green silt rich in fragm. of schisty amphibolite + plug of same	DOB228	0.5	0.04	0.74	1.03	0.11	0.23	0.49	3	0.06				
DOB229	625675	6967000	3.1	Killingdal N	grey silt with fragm. of qtz and amphibolite	DOB229	-0.5	0.01	0.45	0.61	0.06	0.12	0.5	1.9	0.03				
DOB230	625700	6967000	2.5	Killingdal N	greenish grey silt with fragm. of schisty amphibolite	DOB230	0.5	0.02	1.15	1.39	0.09	0.23	0.9	3.2	0.09				
DOB231	625725	6967000	2.6	Killingdal N	green silt with fragm. + plug of amphibolite	DOB231	-0.5	0.02	0.95	1.34	0.13	0.29	0.51	4.5	0.08				
DOB232	625750	6967000	2.3	Killingdal N	green silt with fragm. + plug of amphibolite	DOB232	-0.5	0.04	0.65	1.01	0.08	0.11	0.43	3.1	0.05				
DOB233	625800	6967000	2.2	Killingdal N	greenish browngrey silt with fragm. of amphibolite and qtz	DOB233	-0.5	0.03	1.02	1.47	0.09	0.29	0.43	2.1	0.1				
DOB234	625580	6966800	0.7	Killingdal N	greenish silt with amphibolite fragm.	DOB234	0.5	0.03	0.89	1.04	0.07	0.09	0.4	0.6	0.06				
DOB235	625630	6966800	0.6	Killingdal N	greenish silt with amphibolite fragm.	DOB235	0.5	0.03	1.46	1.76	0.1	0.55	0.78	1.6	0.12				
DOB236	625655	6966800	2.1	Killingdal N	green silt with amphibolite fragm.	DOB236	-0.5	0.02	1.56	1.85	0.08	0.32	0.52	4.8	0.12				
DOB237	625680	6966800	1.1	Killingdal N	dom. amphibolite matr. (weakly rusty), minor green silt, amphibolite plug	DOB237	0.5	0.04	0.99	1.32	0.09	0.15	0.42	2.8	0.08				
DOB238	625705	6966800	2.1	Killingdal N	dom. matr. from grt-bio sch + rusty brown silt	DOB238	1.3	0.03	1.35	2.59	0.07	1.37	0.32	3.1	0.17				
DOB239	625730	6966800	2.1	Killingdal N	green silt rich in fragm. of amphibolite and hydrothermal qtz	DOB239	0.5	0.02	1.08	1.35	0.07	0.19	0.33	2.1	0.08				
DOB240	625755	6966800	2.6	Killingdal N	green, chl-rich silt with amphibolite fragm.	DOB240	-0.5	0.02	0.91	1.18	0.08	0.3	0.27	3.9	0.05				
DOB241	625780	6966800	1.6	Killingdal N	brownish grey silt with muca sch fragm.	DOB241	-0.5	0.01	0.77	1.09	0.07	0.17	0.23	2.8	0.06				
DOB242	625830	6966780	2.9	Killingdal N	brownish grey silt with amphibolite plug	DOB242	-0.5	-0.01	0.45	0.65	0.06	0.08	0.2	2.5	0.03				
DOB243	625600	6966700	2.1	Killingdal N	greygreen silt	DOB243	-0.5	0.01	1.06	1.36	0.08	0.12	0.38	2.6	0.07				
DOB244	625650	6966700	0.6	Killingdal N	green silt + amph sch fragm.	DOB244	-0.5	0.01	1.8	2.02	0.13	0.04	0.62	1.9	0.06				
DOB245	625675	6966700	1.6	Killingdal N	grey silt, minor soil, qtz plug	DOB245	-0.5	0.02	0.52	0.7	0.07	0.02	0.41	2.3	0.06				
DOB246	625700	6966700	1.3	Killingdal N	grey silt, minor soil	DOB246	-0.5	0.03	1.32	1.62	0.11	0.07	0.59	3	0.09				
DOB247	625725	6966700	1.1	Killingdal N	grey silt	DOB247	-0.5	0.07	0.91	1.13	0.13	0.02	0.77	4.8	0.05				
DOB248	625750	6966700	1.9	Killingdal N	greybrown silt	DOB248	-0.5	0.03	1.53	2.18	0.13	0.47	0.48	5.8	0.08				
DOB249	625800	6966700	1.2	Killingdal N	greybrown silt	DOB249	0.5	0.05	1.06	1.67	0.15	0.26	0.64	6.1	0.09				
DOB250	625625	6966600	2.1	Killingdal N	grey silt	DOB250	-0.5	0.01	1.53	1.78	0.06	0.07	0.36	2	0.07				
DOB251	625675	6966600	0.4	Killingdal N	green silt + matr. and fragm. of amphibolite	DOB251	-0.5	0.03	1.24	1.77	0.1	0.17	0.55	7	0.09				
DOB252	625700	6966600	0.5	Killingdal N	grey, micaceous silt, brown silt, qtz fragm.	DOB252	-0.5	0.01	0.47	1.12	0.04	0.04	0.15	1.8	0.05				
DOB253	625725	6966600	1.1	Killingdal N	grey silt	DOB253	0.5	0.01	0.22	0.5	0.03	0.12	0.1	0.9	0.04				
DOB254	625750	6966600	0.6	Killingdal N	greybrown silt/soil, mica, amph sch fragm.	DOB254	-0.5	0.04	0.98	1.78	0.1	0.09	0.54	7.1	0.07				
DOB255	625775	6966600	1.1	Killingdal N	greybrown silt	DOB255	-0.5	0.04	1.21	1.76	0.09	0.29	0.45	6.1	0.1				
DOB256	625800	6966600	0.5	Killingdal N	grey silt, minor humus	DOB256	0.5	-0.01	0.06	0.28	-0.01	0.07	0.02	0.7	0.03				
DOB257	625850	6966600	0.3	Killingdal N	grey silt	DOB257	-0.5	0.03	1.4	1.91	0.09	0.05	0.75	6.4	0.08				
DOB258	625675	6966500	0.6	Killingdal N	grey silt	DOB258	-0.5	0.04	1.02	1.43	0.11	0.08	0.58	5.1	0.1				
DOB259	625725	6966500	0.7	Killingdal N	grey silt, qtz fragm.	DOB259	-0.5	-0.01	0.04	0.14	-0.01	0.07	0.03	-0.5	0.03				
DOB260	625750	6966500	0.6	Killingdal N	greybrown silt, minor soil	DOB260	-0.5	0.02	0.34	0.91	0.02	0.06	0.16	2.2	0.05				
DOB261	625775	6966500	2	Killingdal N	greybrown silt	DOB261	-0.5	0.02	1.52	2.36	0.13	0.46	0.47	14.1	0.1				
	625800	6966500		Killingdal N	sampling not possible														

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DOB262	625825	6966500	1.8	Killingdal N	greybrown silt	DOB262	-0.5	0.03	0.86	1.39	0.12	0.23	0.52	5.4	0.08						
DOB263	625850	6966500	1.7	Killingdal N	dark grey silt	DOB263	-0.5	0.05	1.23	1.83	0.16	0.54	0.74	6.1	0.12						
DOB264	625900	6966500	1.7	Killingdal N	greygreen silt	DOB264	0.5	0.05	1.49	2.02	0.1	0.09	0.77	5.8	0.16						
DOB265	625750	6966350	1.3	Killingdal N	grey silt	DOB265	-0.5	0.03	1.23	1.44	0.11	0.19	6.69	6.1	0.07						
DOB266	625800	6966350	0.6	Killingdal N	greybrown silt	DOB266	0.5	0.01	1.35	2.55	0.06	0.74	0.29	4.9	0.17						
DOB267	625825	6966350	1.6	Killingdal N	brown silt + qtz fragm	DOB267	-0.5	0.02	0.91	1.32	0.08	0.2	0.38	4.1	0.07						
	625850	6966350		Killingdal N	bedrock, no sample																
DOB268	625875	6966350	1.1	Killingdal N	browngrey silt	DOB268	1.3	0.01	1.51	3.57	0.11	0.58	0.23	4.4	0.13						
DOB269	625900	6966350	0.4	Killingdal N	grey silt	DOB269	-0.5	0.02	2.81	3.41	0.14	0.07	5.13	20.9	0.18						
DOB270	625950	6966350	0.1	Killingdal N	grey silt, thin cover, sample collected from 4 holes	DOB270	0.5	0.13	0.75	1.04	0.09	0.04	1.05	6.4	0.08						
DOB271	625700	6966200	1.6	Killingdal N	greybrown, micaceous silt	DOB271	-0.5	0.02	1.38	1.9	0.14	0.14	0.52	5.5	0.12						
DOB272	625750	6966200	1.3	Killingdal N	brown silt	DOB272	-0.5	0.01	0.63	1.58	0.06	0.05	0.17	5.4	0.08						
DOB273	625775	6966200	2	Killingdal N	greybrown silt + chl sch matr	DOB273	-0.5	0.04	1.15	1.59	0.1	0.26	0.74	5.9	0.1						
DOB274	625800	6966200	1.1	Killingdal N	greybrown silt	DOB274	-0.5	0.01	1.62	2.46	0.04	0.46	0.19	4.8	0.1						
DOB275	625825	6966200	1	Killingdal N	greygreen silt + chl sch matr	DOB275	-0.5	0.05	1.28	1.86	0.12	0.22	0.68	10	0.12						
DOB276	625850	6966200	0.5	Killingdal N	greybrown silt	DOB276	0.9	0.01	1.61	2.66	0.06	0.34	0.25	3.5	0.1						
	625875	6966200		Killingdal N	steep slope, no sample																
	625900	6966200		Killingdal N	steep slope, no sample																
DOB277	625925	6966200	0.6	Killingdal N	grey silt + soil, LOS	DOB277	0.8	0.02	1.52	2.5	0.06	0.32	0.21	4.7	0.07						
DOB278	625950	6966200	2.1	Killingdal N	dark grey silt with schist fragm	DOB278	2.6	0.01	2.27	4.46	0.1	1.11	0.34	6.3	0.14						
DOB279	625975	6966200	1.7	Killingdal N	greybrown silt	DOB279	0.6	0.02	1.06	1.84	0.06	0.32	0.31	4.7	0.1						
DOB280	626025	6966200	2.5	Killingdal N	greybrown silt	DOB280	0.5	0.02	1.45	1.92	0.1	0.32	0.42	6.5	0.1						
DOB281	625850	6966000	0.4	Killingdal N	brown + grey silt	DOB281	-0.5	0.01	0.66	1.98	0.02	0.09	0.07	3.8	0.1						
DOB282	625900	6966000	4.6	Killingdal N	greybrown silt with fragm. of schist and qtz	DOB282	0.5	0.01	0.91	1.22	0.06	0.23	0.34	3.3	0.05						
DOB283	625925	6966000	1	Killingdal N	greybrown silt with chl sch fragm.	DOB283	0.5	0.01	1.79	2.3	0.07	0.28	0.26	5.1	0.05						
DOB284	625950	6966000	1.2	Killingdal N	greybrown silt with chl sch fragm.	DOB284	-0.5	0.02	2.04	2.72	0.06	0.81	0.34	7.2	0.1						
DOB285	625975	6966000	1.3	Killingdal N	greybrown silt with chl sch fragm.	DOB285	-0.5	0.02	1.62	2.15	0.07	0.89	0.8	4.9	0.11						
DOB286	626000	6966000	1.8	Killingdal N	greybrown, rusty silt	DOB286	-0.5	0.02	1.45	2.15	0.1	0.62	0.49	7	0.16						
DOB287	626025	6966000	0.4	Killingdal N	grey silt	DOB287	0.5	0.02	2.34	2.84	0.06	0.14	0.86	5.3	0.1						
DOB288	626050	6966000	1.2	Killingdal N	greybrown silt	DOB288	0.5	0.01	2.12	2.79	0.06	0.47	0.2	6.8	0.07						
DOB289	626075	6966000	1.4	Killingdal N	greybrown silt	DOB289	0.5	0.03	1.03	1.41	0.08	0.18	0.42	5.2	0.09						
DOB290	626100	6966000	1.2	Killingdal N	greybrown silt	DOB290	-0.5	0.03	0.9	1.2	0.06	0.14	0.48	3	0.1						
	626150	6966000		Killingdal N	bedrock, no sample																
DOB291	625900	6965800	0.7	Killingdal N	browngrey silt	DOB291	0.5	0.01	1.42	2.3	0.06	0.21	0.21	4.6	0.07						
DOB292	625950	6965800	0.4	Killingdal N	brown silt/soil with qtz fragm	DOB292	0.7	0.01	1.06	1.89	0.06	0.31	0.28	2.5	0.13						
DOB293	625975	6965800	0.6	Killingdal N	browngrey silt	DOB293	1.1	0.02	1.78	3.26	0.02	1.05	0.14	3.3	0.26						
DOB294	626000	6965800	0.9	Killingdal N	greybrown silt, minor soil	DOB294	-0.5	0.02	1.16	2.17	0.06	0.56	0.28	4.8	0.22						
DOB295	626025	6965800	0.4	Killingdal N	greybrown silt	DOB295	0.5	0.02	0.74	1.6	0.06	0.62	0.26	2.7	0.18						
DOB296	626050	6965800	1.1	Killingdal N	brown silt with qtz fragm	DOB296	0.7	0.02	2.03	3.3	0.09	1.26	0.5	20.7	0.33						
DOB297	626075	6965800	0.4	Killingdal N	greybrown silt	DOB297	-0.5	0.05	0.78	1.3	0.06	0.05	0.46	3.2	0.2						
DOB298	626100	6965800	0.8	Killingdal N	greybrown silt	DOB298	0.5	0.02	1.04	1.54	0.08	0.24	0.43	4	0.1						
DOB299	626125	6965800	1.1	Killingdal N	greybrown silt	DOB299	-0.5	0.03	0.71	1.22	0.06	0.09	0.39	3.5	0.09						
DOB300	626150	6965800	0.7	Killingdal N	browngrey silt	DOB300	0.6	0.01	0.68	2.07	0.03	0.04	0.19	2.9	0.14						
DOB301	626200	6965800	0.7	Killingdal N	browngrey silt with qtz fragm	DOB301	0.9	0.02	1.53	2.38	0.07	0.34	0.33	3.4	0.13						
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**						
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**						
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**						
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**						
DOB400	622150	6968800	0.9	Bønsbudalen	brown silt with amphibolite fragm	DOB400	2.1	0.01	0.6	1.03	0.07	0.11	0.21	2.3	0.05						
DOB401	622100	6968800	0.3	Bønsbudalen	rustybrown soil	DOB401	0.6	0.02	0.07	0.65	0.05	0.03	0.22	-0.5	0.04						
DOB402	622075	6968800	2.4	Bønsbudalen	grey silt	DOB402	0.5	0.02	0.64	0.89	0.06	0.27	0.2	2.4	0.05						
DOB403	622050	6968800	4.5	Bønsbudalen	grey silt	DOB403	-0.5	0.02	0.91	1.01	0.06	0.29	0.32	2.5	0.04						
DOB404	622025	6968800	4.3	Bønsbudalen	grey silt	DOB404	-0.5	0.02	0.83	0.93	0.06	0.26	0.93	2.2	0.04						
DOB405	622000	6968800	5.1	Bønsbudalen	grey silt	DOB405	-0.5	0.02	0.62	0.66	0.06	0.18	1.13	1.9	0.03						
DOB406	621950	6968800	4.4	Bønsbudalen	grey silt	DOB406	-0.5	0.02	0.78	0.88	0.06	0.22	0.72	2.4	0.04						
DOB407	622150	6968900	0.4	Bønsbudalen	brown silty soil with amphibolite fragm	DOB407	0.5	0.04	0.1	0.3	0.07	0.05	0.29	-0.5	0.07						

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DOB408	622100	6968900	1 9	Bønsbudalen	brown silt with rock fragm	DOB408	0 5	0 02	0 66	0 96	0 06	0 13	0 17	2 9	0 05						
DOB409	622075	6968900	0 5	Bønsbudalen	light brown silt with amphibolite fragm	DOB409	-0 5	0 02	0 5	0 92	0 05	0 08	0 15	1 9	0 05						
DOB410	622050	6968900	4 6	Bønsbudalen	brown silt with amphibolite fragm	DOB410	0 5	0 02	0 66	1 06	0 08	0 2	0 31	3 4	0 07						
DOB411	622025	6968900	1 6	Bønsbudalen	greenish brown silt with fragm + plug of finegrained amphibolite	DOB411	0 5	0 05	0 78	1 45	0 06	0 1	0 59	2 9	0 08						
DOB412	622000	6968900	1 2	Bønsbudalen	brown silt with amphibolite fragm	DOB412	-0 5	0 02	1 17	1 6	0 07	0 39	0 36	4 3	0 12						
DOB413	621950	6968900	1 7	Bønsbudalen	greenish grey silt with amphibolite fragm	DOB413	-0 5	0 04	0 43	0 61	0 13	0 07	0 58	2 7	0 04						
DOB414	622150	6968700	1 8	Bønsbudalen	grey silt with quartzite fragm	DOB414	0 5	0 02	0 58	0 84	0 06	0 17	0 24	1 9	0 05						
DOB415	622100	6968700	2 6	Bønsbudalen	grey silt	DOB415	-0 5	0 02	0 61	0 79	0 08	0 2	0 27	2 2	0 04						
DOB416	622075	6968700	1 4	Bønsbudalen	light brown silt + minor humus	DOB416	-0 5	0 02	0 53	0 86	0 04	0 13	0 17	1 7	0 07						
DOB417	622050	6968700	1 4	Bønsbudalen	rustybrown silt + rusty mica sch matr	DOB417	-0 5	0 02	1 84	2 78	0 12	1 02	0 3	4 2	0 25						
DOB418	622025	6968700	3 1	Bønsbudalen	grey silt	DOB418	0 5	0 02	1 34	1 73	0 06	0 44	1 27	3 9	0 07						
DOB419	622000	6968700	4 5	Bønsbudalen	grey silt	DOB419	0 7	0 02	0 61	0 68	0 06	0 15	0 94	2 6	0 03						
DOB420	621950	6968700	1 8	Bønsbudalen	grey silt	DOB420	0 5	0 02	0 62	0 79	0 07	0 14	0 25	2 7	0 04						
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**						
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**						
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**						
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**						
DOB421	621850	6973500	2	Rensjøen	Light brown silt with minor rock fragments	DOB421	0 5	0 03	1 28	1 87	0 1	0 54	0 32	6	0 1						
	621900	6973500		Rensjøen	No sample																
DOB422	621925	6973500	0 3	Rensjøen	Silt + humus LOS	DOB422	0 5	0 02	0 54	1 05	0 07	0 23	0 32	4 4	0 05						
DOB423	621950	6973500	0 5	Rensjøen	Silt with mica sch fragm + some humus	DOB423	1 5	0 01	0 3	2 47	0 11	0 08	0 16	7 5	0 05						
DOB424	621975	6973500	0 3	Rensjøen	Silt with some coarser sandy material + minor humus LOS	DOB424	0 5	0 01	0 77	1 35	0 04	0 11	0 14	2 8	0 1						
DOB425	622000	6973500	0 3	Rensjøen	Silt with mica sch and some humus. Plug of rusty schist	DOB425	0 5	0 02	1 15	2 21	0 06	0 25	0 17	4 1	0 18						
	622050	6973500		Rensjøen	No sample																
DOB426	621850	6973400	1 8	Rensjøen	Grey silt with rock fragm (qtz + mica)	DOB426	0 5	0 03	1 23	1 65	0 05	0 52	0 59	3 8	0 07						
DOB427	621900	6973400	0 5	Rensjøen	Silt and minor humus. Plug of rusty mica schist	DOB427	0 5	0 02	0 87	1 45	0 03	0 28	0 07	3	0 09						
DOB428	621925	6973400	1	Rensjøen	Silt (weakly rusty) with plug of mica sch	DOB428	0 5	0 02	1 11	1 87	0 06	0 25	0 17	5 4	0 09						
DOB429	621950	6973400	0 8	Rensjøen	Highest part: brown silt with rock fragm. Lower part: greyish silt	DOB429	0 5	0 02	1 32	2 06	0 06	0 47	0 22	4 8	0 11						
	621975	6973400		Rensjøen	No sample																
DOB430	622000	6973400	0 4	Rensjøen	Brownish silt with minor rock fragm. Minor humus	DOB430	2 8	0 02	1 26	2 15	0 15	0 27	0 41	5	0 13						
DOB431	622050	6973400	0 2	Rensjøen	Coarse silt with minor coarse rock fragm (qtz + mica) Some rust	DOB431	-0 5	0 02	1 21	1 64	0 05	0 46	0 18	3 7	0 06						
DOB432	621850	6973300	2	Rensjøen	Greyish silt and some coarse sandy material. Qtzite fragm	DOB432	0 5	0 02	1 47	2 07	0 08	0 39	0 27	6 7	0 12						
DOB433	621900	6973300	0 2	Rensjøen	Brownish silt, minor humus	DOB433	-0 5	0 02	1 2	1 96	0 06	0 34	0 17	3 9	0 11						
DOB434	621925	6973300	1	Rensjøen	Grey silt minor humus	DOB434	0 5	0 02	1 16	1 87	0 05	0 17	0 17	4 2	0 08						
DOB435	621950	6973300	1	Rensjøen	Grey silt minor rock fragm. (rounded qtzite)	DOB435	-0 5	0 02	1 39	1 83	0 08	0 41	0 27	6 2	0 08						
DOB436	621975	6973300	1	Rensjøen	Grey silt	DOB436	-0 5	0 02	1 32	1 99	0 09	0 44	0 31	5 1	0 12						
DOB437	622000	6973300	1	Rensjøen	Grey silt with darker areas	DOB437	0 5	0 02	1 03	1 49	0 09	0 31	0 25	3 9	0 07						
DOB438	622050	6973300	0 2	Rensjøen	Brown silt with mica sch fragm. (two samples to get enough)	DOB438	0 5	0 02	1 13	1 9	0 08	0 46	0 22	4	0 11						
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**						
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**						
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**						
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**						
DOB439	615100	6976100	0 4	Syndre Tverrdrøya	Grey-green silt (lot of chlorite?) Chlorite plug	DOB439	-0 5	0 03	0 58	0 95	0 03	0 12	0 18	1 5	0 09						
DOB440	615150	6976120	0 4	Syndre Tverrdrøya	Grey-green silt + minor humus	DOB440	-0 5	0 04	0 47	0 72	0 06	0 13	0 35	1 8	0 07						
DOB441	615190	6976137	1 5	Syndre Tverrdrøya	Grey silt with minor rock fragm. Some rusty humus	DOB441	-0 5	0 02	0 9	0 95	0 09	0 27	0 3	2	0 06						
DOB442	615120	6976105	0 5	Syndre Tverrdrøya	Some green-grey silt with minor chlorite	DOB442	0 5	0 03	0 38	0 71	0 14	0 07	0 48	1 4	0 06						
DOB443	615070	6976090	2	Syndre Tverrdrøya	Silt/mica sch fragm. Some chl. Plug of mica sch	DOB443	0 5	0 02	0 59	0 79	0 08	0 14	0 31	1 5	0 06						
DOB444	615045	6976089	0 3	Syndre Tverrdrøya	Silt with fragm. Of chl. And mica sch. Plug of chl	DOB444	0 5	0 03	0 39	0 7	0 03	0 08	0 24	1 5	0 06						
DOB445	615000	6976080	1 5	Syndre Tverrdrøya	Greenish silt with plug of mica sch. Minor chl	DOB445	-0 5	0 04	0 16	0 38	0 25	0 01	0 74	1 8	0 03						
DOB446	615150	6976000	0 4	Syndre Tverrdrøya	Silty sand with mica. Plug of mica sch	DOB446	-0 5	0 03	0 3	0 86	0 1	0 04	0 44	2 1	0 12						
DOB447	615175	6976010	1	Syndre Tverrdrøya	Grey-green silt with mica	DOB447	-0 5	0 03	0 56	0 64	0 05	0 09	0 39	2	0 06						
DOB448	615196	6976023	1	Syndre Tverrdrøya	Brown silt with minor rock fragm. Some rust	DOB448	-0 5	0 02	0 33	0 85	0 18	-0 01	0 44	1 6	0 07						
DOB449	615238	6976049	0 8	Syndre Tverrdrøya	Silt with chl. Fragm, minor rusty mica	DOB449	-0 5	0 05	0 22	0 37	0 13	0 03	0 62	1 9	0 06						
DOB450	615130	6975991	0 5	Syndre Tverrdrøya	Grey silt with mica sch plug	DOB450	-0 5	0 06	0 23	0 63	0 03	0 02	0 42	4 5	0 05						
DOB451	615108	6975982	1	Syndre Tverrdrøya	Grey silt with high amounts of mica	DOB451	-0 5	0 03	0 52	0 76	0 22	0 14	0 66	2 1	0 07						
DOB452	615065	6975955	0 5	Syndre Tverrdrøya	Brown and white silt with minor rock fragm. Chlorite plug	DOB452	0 5	0 02	0 13	0 41	0 02	0 12	0 07	0 5	0 05						

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DOB453	615201	6975850	1.5	Syndre Tverrdraya	Grey silt with high amounts of mica	DOB453	-0.5	0.04	1.56	2.06	0.1	1.61	0.27	15.5	0.22						
DOB454	615223	6975860	0.3	Syndre Tverrdraya	Brown (rusty) silt	DOB454	-0.5	0.04	0.57	1.18	0.07	0.25	0.23	4.6	0.12						
DOB455	615245	6975871	2.5	Syndre Tverrdraya	Silt and humus (swampy) LOS	DOB455	-0.5	0.02	0.59	0.63	0.06	0.15	0.22	1.9	0.04						
DOB456	615285	6975888	0.4	Syndre Tverrdraya	Chlontic silt and scattered, rusty mica. Plug of mica sch	DOB456	-0.5	0.04	0.61	1.09	0.06	0.14	0.33	3	0.08						
DOB457	615180	6975835	0.5	Syndre Tverrdraya	Silt dominated by mica material minor chl. Fragm of grt-mica sch	DOB457	-0.5	0.04	0.73	0.89	0.06	0.2	0.36	1.8	0.08						
DOB458	615157	6975828	0.7	Syndre Tverrdraya	Silt dominated by chlorite	DOB458	-0.5	0.03	1.15	1.57	0.11	0.2	0.39	3.9	0.09						
DOB459	615118	6975805	0.4	Syndre Tverrdraya	Plug of chl-grt-mica sch. Weakly rusty silt dom by chl and mica	DOB459	-0.5	0.02	1.42	1.61	0.05	0.47	0.17	4	0.1						
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**						
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**						
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**						
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**						
DOB460	621925	6975000	0.7	Rotjønna	Silt, weakly rusty. Dominated by grt-chl-mica sch	DOB460	-0.5	0.02	0.87	1.07	0.05	0.05	0.18	3.1	0.04						
DOB461	621975	6975000	0.4	Rotjønna	Soil/silt brownish with grt-chl-mica schist. Minor humus	DOB461	-0.5	0.02	1.24	2.64	0.28	0.1	0.66	10	0.1						
DOB462	622000	6975000	0.2	Rotjønna	Silt and humus weakly rusty minor fragm of chl-grt-mica sch	DOB462	-0.5	0.02	0.38	1.14	0.06	0.1	0.18	3.5	0.08						
DOB463	622025	6975000	1.2	Rotjønna	Grey silt and minor humus. Plug of mica schist	DOB463	-0.5	0.02	1.02	1.52	0.07	0.36	0.25	4.6	0.07						
DOB464	622050	6975000	1	Rotjønna	Grey silt. Rock fragm. Of qtz, chl, etc	DOB464	-0.5	0.02	0.83	1.25	0.06	0.22	0.21	3.4	0.06						
DOB465	622075	6975000	1	Rotjønna	Grey silt	DOB465	-0.5	0.02	1.57	2.11	0.1	0.31	0.32	8.7	0.09						
DOB466	622100	6975000	0.8	Rotjønna	Greyish brown silt. Some mica.	DOB466	-0.5	0.02	1.22	1.65	0.11	0.3	0.42	8.9	0.1						
DOB467	622125	6975000	0.2	Rotjønna	Silt-coars sandy material. Minor humus (rusty)	DOB467	-0.5	0.02	0.68	1.6	0.04	0.06	0.1	2.8	0.11						
DOB468	622150	6975000	0.4	Rotjønna	Silt-soil grey to brown. Minor humus	DOB468	-0.5	0.01	0.79	1.35	0.05	0.13	0.14	3.1	0.07						
	622200	6975000		Rotjønna	No sample																
DOB469	621975	6975200	0.2	Rotjønna	Brownish (weakly rusty) silt with rock fragm. Of grt-chl-mica sch. Minor humus	DOB469	-0.5	0.02	1.11	1.75	0.09	0.01	0.26	4.2	0.06						
DOB470	622025	6975200	0.1	Rotjønna	Brown soil/silt minor humus and rock fragm. LOS	DOB470	-0.5	0.01	1.05	2.11	0.09	0.03	0.19	7.1	0.06						
DOB471	622050	6975200	0.2	Rotjønna	Greyish (weakly rusty) rock fragm and minor humus	DOB471	-0.5	0.03	0.43	1.15	0.03	0.23	0.19	4	0.07						
DOB472	622075	6975200	0.5	Rotjønna	Greyish silt more rusty lower 1/4. Minor humus	DOB472	-0.5	0.01	1.32	1.68	0.1	0.12	0.29	7.4	0.05						
DOB473	622100	6975200	0.9	Rotjønna	Light brown silt with minor chl/mica schist	DOB473	-0.5	0.02	1.77	2.44	0.15	0.44	0.53	6	0.13						
DOB474	622125	6975200	0.15	Rotjønna	Greyish silt and humus. LOS	DOB474	-0.5	0.02	0.85	1.78	0.1	0.05	0.3	3.9	0.16						
DOB475	622150	6975200	0.4	Rotjønna	Greyish silt, minor humus	DOB475	-0.5	0.01	0.94	1.56	0.08	0.23	0.3	4.6	0.07						
	622175	6975200		Rotjønna	No sample																
	622200	6975200		Rotjønna	No sample																
DOB476	622225	6975200	0.4	Rotjønna	Grey silt/sandy material.	DOB476	-0.5	0.01	0.92	1.46	0.06	0.18	0.26	3	0.08						
DOB477	622250	6975200	0.2	Rotjønna	Brown sandy material and silt. Minor humus.	DOB477	-0.5	0.02	0.66	1.07	0.04	0.06	0.16	2.1	0.06						
DOB478	622300	6975200	0.3	Rotjønna	Mix of silt and humus. LOS	DOB478	-0.5	0.01	0.89	1.3	0.03	0.03	0.08	2.9	0.06						
	622000	6975400		Rotjønna	No sample																
DOB479	622050	6975400	0.1	Rotjønna	Soil/silt LOS	DOB479	-0.5	0.01	0.08	0.34	0.02	0.02	0.05	0.7	0.06						
DOB480	622075	6975400	1	Rotjønna	Rusty silt/mica schist (chl). Plug of chlorite sch)	DOB480	-0.5	0.04	1.54	2.2	0.04	0.27	0.32	4.9	0.15						
DOB481	622100	6975400	0.7	Rotjønna	Rusty-weakly rusty/silt dominated by mica sch. Plug of rusty mica sch	DOB481	-0.5	0.02	0.34	0.62	0.01	0.11	0.06	4	0.04						
DOB482	622125	6975400	0.3	Rotjønna	Dark soil/silt minor humus	DOB482	-0.5	0.01	0.22	0.42	0.01	0.05	0.03	0.6	0.06						
DOB483	622150	6975400	0.3	Rotjønna	Brown silt/soil minor chlorite	DOB483	-0.5	0.02	0.39	0.93	0.04	0.06	0.17	1.2	0.11						
DOB484	622175	6975400	0.3	Rotjønna	Brown-grey weakly rusty silt. Plug of mica schist	DOB484	-0.5	0.01	1.15	1.72	0.06	0.1	0.16	3.7	0.07						
DOB485	622200	6975400	0.4	Rotjønna	Dark soil dominated by mica. Minor chlorite	DOB485	-0.5	0.02	1.21	2.43	0.19	0.26	0.49	3.4	0.19						
DOB486	622225	6975400	0.9	Rotjønna	Grey silt minor humus	DOB486	-0.5	0.01	1.06	1.71	0.06	0.18	0.21	4.3	0.08						
DOB487	622250	6975400	0.2	Rotjønna	Brown silt/soil mica material. Minor humus	DOB487	2.6	0.02	0.84	2.08	0.09	0.1	0.2	4.4	0.11						
DOB488	622300	6075400	0.4	Rotjønna	Grey silt minor humus	DOB488	-0.5	0.02	1.13	1.68	0.07	0.31	0.27	2.9	0.09						
DOB489	621650	6074400	0.3	Rotjønna	Brown silt with mica fragm. Minor humus	DOB489	-0.5	0.01	1.24	1.69	0.05	0.06	0.14	3.9	0.07						
DOB490	621700	6074400	0.2	Rotjønna	Grey-green silt with chlorite. Weakly rusty	DOB490	-0.5	0.02	0.9	1.74	0.08	0.29	0.17	11.9	0.06						
DOB491	621725	6074400	0.4	Rotjønna	Brown silt/soil some chlorite/mica fragments	DOB491	-0.5	0.02	1.33	2.05	0.08	0.21	0.14	4.7	0.1						
DOB492	621750	6074400	0.5	Rotjønna	Brown silt minor rust	DOB492	-0.5	-0.01	0.72	1.45	0.05	0.02	0.12	4.3	0.08						
DOB493	621775	6074400	2	Rotjønna	Greyish silt with mica and chlorite	DOB493	0.5	0.03	1.31	1.82	0.06	0.68	0.31	6.3	0.14						
DOB494	621800	6074400	1.5	Rotjønna	Grey silt	DOB494	-0.5	0.05	2.58	3.6	0.14	2.22	0.65	16.7	0.32						
DOB495	621825	6074400	0.3	Rotjønna	Grey silt minor humus. Lower 5cm: brown weakly rusty silt/soil	DOB495	-0.5	0.01	0.19	0.73	0.02	0.06	0.04	1.3	0.06						
DOB496	621850	6074400	0.7	Rotjønna	Brown-grey silt minor rust/chl	DOB496	-0.5	0.01	1.8	2.37	0.1	0.1	0.32	9	0.09						
DOB497	621900	6074400	0.6	Rotjønna	Brownish silt with minor chlorite	DOB497	-0.5	0.02	1.69	2.43	0.09	0.22	0.28	7.8	0.12						
DOB498	621800	6974700	0.3	Rotjønna	Brown silt minor humus. Chlorite fragm weakly rusty	DOB498	-0.5	0.01	0.71	1.36	0.02	0.05	0.07	2.3	0.08						
DOB499	621850	6974700	0.4	Rotjønna	Brown silt/soil. Minor rust/chl. Fragm of mica sch/qtz	DOB499	-0.5	0.02	0.53	1.55	0.03	0.12	0.17	6.3	0.11						
DOB500	621875	6974700	0.4	Rotjønna	Brown rusty silt	DOB500	-0.5	0.01	1.03	2.26	0.02	0.1	0.04	4.6	0.13						
DOB501	621900	6974700	1.1	Rotjønna	Brown silt minor humus. Lower 5cm: grey silt rock fragm of qtz/mica	DOB501	-0.5	0.04	2.26	3.04	0.03	0.04	0.23	11.5	0.04						

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DOB502	621925	6974700	0.1	Røtjønna	Brown silt/soil + humus. LQS	DOB502	0.5	0.01	0.66	1.32	0.02	0.42	0.02	8.3	0.08						
DOB503	621950	6974700	2	Røtjønna	Rusty silt with chlorite and minor mica schist	DOB503	0.5	0.01	0.73	1.7	0.06	0.32	0.06	10	0.1						
DOB504	621975	6974700	0.6	Røtjønna	Brown silt/soil Plug of mica schist	DOB504	0.5	0.01	1.92	2.52	0.06	0.02	0.7	9.3	0.07						
DOB505	622000	6974700	0.2	Røtjønna	Brown soil (silt) Small smpl LQS	DOB505	0.5	0.01	0.18	1.29	0.08	0.04	0.26	6.3	0.03						
DOB506	622025	6974700	0.8	Røtjønna	Brown silt lots of fragments of black (graphitic) schist	DOB506	0.7	0.01	1.19	2.36	0.2	0.78	0.46	8	0.17						
	622050	6974700		Røtjønna	No sample																
DOB507	622100	6974700	0.3	Røtjønna	Brown soil (silt) Grey silt last 1cm LQS	DOB507	0.5	0.01	0.95	1.59	0.08	0.12	0.44	3.9	0.07						
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**						
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**						
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**						
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**						
DOB508	616000	6974800	4.3	Moavollan	Grey silt	DOB508	0.5	0.01	0.6	0.42	0.05	0.09	0.66	1.6	0.02						
DOB509	616023	6974812	7+	Moavollan	Grey silt-sandy material fragm of qtz/mica schist. Not on the bedrock (to short)	DOB509	0.5	0.04	0.97	0.88	0.09	0.23	1.03	3.1	0.05						
DOB510	616036	6974825	1.5	Moavollan	Brown silt with fragm of amphibolite/mica sch	DOB510	0.5	0.02	0.93	1.34	0.09	0.18	0.3	2.8	0.07						
DOB511	616069	6974847	1	Moavollan	Brownish grey silt minor humus. Weakly rusty	DOB511	0.5	0.02	0.89	1.05	0.07	0.18	0.29	2.5	0.12						
DOB512	615974	6974792	7+	Moavollan	Grey silt layers of brownish mica. Fragm of amphibolite. (Not long enough pipes)	DOB512	0.5	0.02	0.75	0.52	0.05	0.18	2.09	1.7	0.03						
DOB513	615950	6974784	1	Moavollan	Green-dark grey silt	DOB513	0.5	0.03	0.17	0.29	0.11	0.02	0.49	1.8	0.05						
DOB514	615916	6974753	1	Moavollan	Grey silt some rusty mica/chl	DOB514	0.5	0.04	3.37	3.7	0.07	1.7	0.22	16.8	0.22						
DOB515	616050	6974700	1	Moavollan	Brown-grey silt minor rust+sandy material. Fragm of qtz, amphibolite, mica etc	DOB515	0.5	0.01	1.84	1.53	0.18	0.15	0.48	4.5	0.08						
DOB516	616022	6974685	6.1	Moavollan	Grey silt	DOB516	0.5	0.01	0.74	0.44	0.05	0.14	0.77	1.6	0.03						
DOB517	616003	6974671	4	Moavollan	Grey silt, fragm of mica sch	DOB517	0.5	0.01	0.85	0.61	0.08	0.17	0.68	1.9	0.03						
DOB518	615974	6974655	0.3	Moavollan	Brown soil/humus + grey silt with mica sch fragm. LQS	DOB518	0.5	0.02	0.75	1.13	0.14	0.28	0.4	3.6	0.08						
DOB519	616066	6974709	0.3	Moavollan	Brown soil/silt with whitsih, weakly rusty, sandy material in lower 2 cm	DOB 519	0.5	0.02	0.19	0.33	0.07	0.06	0.18	0.8	0.04						
DOB520	616082	6974720	0.4	Moavollan	Grey silt with div rock fragm	DOB 520	0.5	0.03	0.25	0.47	0.21	0.15	0.53	-0.5	0.05						
DOB521	616115	6974735	1.1	Moavollan	Brown silt with grey silt and rock fragm (qtzite?) lower 3-5cm	DOB 521	0.5	0.02	0.9	1.43	0.08	0.14	0.2	2.7	0.06						
DOB522	616013	6974812	6.4	Moavollan	Grey-dark grey silt with div rock fragm. (re-509)	DOB 522	0.5	0.04	1.25	1.29	0.09	0.72	1.11	2.2	0.11						
DOB523	615976	6974793	6.6	Moavollan	Grey silt lower 2cm: bio schist	DOB 523	0.5	0.03	0.9	0.76	0.06	0.38	1.16	3	0.06						
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**						
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**						
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**						
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**						
DOB524	615525	6972590	1	Almåsen	Grey silt with mica + div rock fragm	DOB 524	0.5	0.03	0.63	0.89	0.09	0.17	0.28	2.5	0.06						
DOB525	615575	6972590	0.6	Almåsen	Brownish silt + minor humus. Fragm of qtz + chl sch. Plug of chl sch	DOB 525	0.5	0.02	0.34	0.51	0.05	0.04	0.13	1.5	0.03						
DOB526	615600	6972590	0.5	Almåsen	Fragm of chl/mica schist (weakly rusty). Minor humus	DOB 526	0.5	0.02	0.5	1.11	0.09	0.13	0.24	1.9	0.09						
DOB527	615625	6972590	0.4	Almåsen	Grey silt lower few cm with plug of chl-mica sch + humus LQS	DOB 527	-0.5	0.03	0.33	0.58	0.02	0.02	0.22	1.2	0.04						
DOB528	615650	6972590	0.3	Almåsen	Brown soil/minor silt. Plug of mica schist. LQS	DOB 528	0.6	0.03	0.18	0.84	0.09	0.02	0.24	2.2	0.03						
DOB529	615700	6972590	0.9	Almåsen	Grey silt with fragm ofmica sch. Plug of mica sch	DOB 529	0.5	0.03	0.59	0.7	0.08	0.16	0.26	2.6	0.05						
DOB530	615750	6972590	1	Almåsen	Grey silt with rusty mica	DOB 530	0.5	0.05	0.94	1.14	0.13	0.22	0.5	2.4	0.06						
DOB531	615775	6972590	0.2	Almåsen	Grey silt + humus. Weakly rusty. LQS	DOB 531	0.5	0.04	0.3	0.84	0.04	0.14	0.24	3.1	0.08						
DOB532	615800	6972590	0.1	Almåsen	Grey silt fragm of mica sch + qtz	DOB 532	0.5	0.05	0.4	0.67	0.09	0.04	0.46	2.1	0.06						
DOB533	615825	6972590	1	Almåsen	Greyish brown silt with rusty mica sch + graphite	DOB 533	4.3	0.03	1.39	1.84	0.09	0.08	0.56	6.4	0.15						
DOB534	615850	6972590	1	Almåsen	Grey silt	DOB 534	0.5	0.04	0.82	0.84	0.12	0.04	0.49	1.7	0.05						
DOB535	615900	6972590	1.5	Almåsen	Grey silt	DOB 535	3	0.03	0.81	0.99	0.08	0.27	0.28	2.5	0.06						
DOB536	615700	6972300	1.1	Almåsen	Brownish rusty silt	DOB 536	0.5	0.03	0.69	1.77	0.02	0.03	0.14	1.5	0.09						
	615750	6972300		Almåsen	No sample																
DOB537	615775	6972300	1	Almåsen	Grey silt fragm of mica-chl sch. Plug of same. Minor humus	DOB 537	0.5	0.03	0.72	1.29	0.08	0.25	0.25	3.5	0.09						
	615800	6972300		Almåsen	No sample																
DOB538	615825	6972300	1.4	Almåsen	Grey to dark grey silt with plug of mica sch	DOB 538	0.5	0.04	2.39	2.32	0.11	0.02	0.49	3.3	0.13						
DOB539	615850	6972300	1	Almåsen	Grey silt with mica fragm	DOB 539	0.5	0.03	1.26	1.49	0.06	0.35	0.24	0.9	0.12						
DOB540	615900	6972300	0.8	Almåsen	Grey silt	DOB 540	-0.5	0.05	0.76	1.08	0.06	0.03	0.66	2.1	0.11						
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**						
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**						
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**						
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**						
DOB541	617550	6971375	3.5	Litlerena	Grey silt	DOB 541	0.5	0.02	0.87	0.54	0.06	0.19	1.09	1.6	0.03						

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DOB542	617550	6971425	3	Litlerena	Grey silt with div mica fragm ++	DOB 542	-0.5	0.04	1.53	1.32	0.08	0.31	0.9	4.2	0.09				
DOB543	617550	6971450	2	Litlerena	Grey-brown silt with div rock fragm (rounded and not rounded)	DOB 543	-0.5	0.03	1.19	0.8	0.07	0.17	0.21	3	0.04				
DOB544	617550	6971475	1.8	Litlerena	Grey silt with rock fragm (rounded). Weakly rusty horizon (1mm) 5cm up	DOB 544	-0.5	0.03	0.76	0.99	0.08	0.27	0.2	3	0.07				
DOB545	617550	6971500	3.8	Litlerena	Grey silt. Fragm of weakly rusty mica sch	DOB 545	-0.5	0.02	2.2	0.79	0.05	0.23	0.57	2.2	0.04				
DOB546	617550	6971525	3	Litlerena	Light brown silt with div rock fragm	DOB 546	-0.5	0.02	1.09	0.9	0.06	0.21	0.22	2.9	0.05				
DOB547	617550	6971550	0.4	Litlerena	Upper Light brown silt. Lower5cm: rusty silt plug of mica sch	DOB 547	-0.5	0.01	0.61	1.23	0.05	0.08	0.13	1.7	0.09				
DOB548	617550	6971575	3	Litlerena	Grey silt with mica sch fragm + plug of quartzite	DOB 548	-0.5	0.02	1.08	0.91	0.06	0.27	0.21	2.2	0.04				
DOB549	617550	6971600	1	Litlerena	Light brown silt with fragm of mica + chl sch. Plug of mica sch	DOB 549	-0.5	0.02	0.75	0.88	0.06	0.12	0.17	2.2	0.04				
DOB550	617550	6971625	1.6	Litlerena	Greyish silt	DOB 550	-0.5	0.02	1.03	0.75	0.06	0.18	0.19	2.4	0.04				
DOB551	617550	6971675	1	Litlerena	Grey silt	DOB 551	3.7	0.02	0.86	0.97	0.06	0.17	0.18	3.2	0.06				
DOB552	617650	6971675	0.4	Litlerena	Brown-grey silt + minor humus	DOB 552	-0.5	0.02	0.59	1.13	0.05	0.08	0.14	2.3	0.06				
DOB553	617650	6971600	2.5	Litlerena	Grey silt	DOB 553	-0.5	0.02	1.25	0.74	0.05	0.2	0.21	2.3	0.04				
DOB554	617650	6971575	2	Litlerena	Grey silt fragm of dark mica schist	DOB 554	-0.5	0.02	1.39	1.05	0.07	0.22	0.34	3	0.08				
DOB555	617650	6971550	1.5	Litlerena	Grey browngrey silt	DOB 555	-0.5	0.02	0.57	0.33	0.05	0.08	0.14	1.3	0.02				
	617650	6971525		Litlerena	No sample														
DOB556	617650	6971500	2.8	Litlerena	Grey-brown silt. Fragm of quartzite-mica- - -	DOB 556	-0.5	0.02	1.01	0.9	0.06	0.24	0.26	3.2	0.06				
DOB557	617650	6971475	2	Litlerena	Brownish silt with div rock fragm	DOB 557	-0.5	0.03	1.03	0.72	0.06	0.2	0.21	2.2	0.04				
DOB558	617650	6971625	4.8	Litlerena	Grey silt	DOB 558	-0.5	0.02	1.46	0.58	0.05	0.21	1.02	1.7	0.04				
DOB559	617650	6971450	0.7	Litlerena	Brown silt + minor humus	DOB 559	-0.5	0.03	0.4	0.63	0.15	0.07	0.45	1.7	0.04				
DOB560	617650	6971425	3.5	Litlerena	Grey silt + fragm of qtz	DOB 560	-0.5	0.02	0.76	0.51	0.06	0.13	0.21	1.8	0.03				
DOB561	617650	6971375	0.8	Litlerena	Light brown silt with div rock fragm	DOB 561	-0.5	0.02	0.96	1.21	0.06	0.19	0.17	3.2	0.08				
DOB562	618000	6971662	0.9	Litlerena	Brownish silt/sandy material with fragm of bio sch. + div rocks	DOB 562	-0.5	0.02	0.98	1.45	0.1	0.24	0.24	2.9	0.09				
DOB563	618000	6971612	0.8	Litlerena	Brownish silt fragm of chl-mica sch	DOB 563	-0.5	0.02	1.06	0.78	0.05	0.15	0.15	2.3	0.03				
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**				
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**				
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**				
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**				
DOB564	615125	6974000	2	Sandbekken	Brown silt, small smpl	DOB 564	-0.5	0.02	0.73	1	0.06	0.1	0.2	2	0.06				
DOB565	615175	6974000	2	Sandbekken	Grey silt	DOB 565	-0.5	0.03	0.74	0.83	0.07	0.13	0.24	3.8	0.06				
DOB566	615200	6974000	2.5	Sandbekken	Grey silt	DOB 566	0.5	0.02	0.58	0.52	0.09	0.1	0.27	2.7	0.03				
DOB567	615225	6974000	3.5	Sandbekken	Grey silt	DOB 567	-0.5	0.03	0.86	0.82	0.09	0.23	0.34	3	0.05				
DOB568	615250	6974000	2.8	Sandbekken	Grey silt	DOB 568	-0.5	0.03	0.69	0.57	0.1	0.15	0.32	2.3	0.04				
	615275	6974000		Sandbekken	No sample														
DOB569	615325	6974000		Sandbekken	Grey silt	DOB 569	-0.5	0.03	0.91	1.19	0.28	0.26	0.79	2.3	0.08				
DOB570	615150	6973800	1	Sandbekken	Brown soil/Silt. Fragm of mica sch	DOB 570	-0.5	0.03	0.95	1.85	0.05	0.4	0.03	3.3	0.1				
	615200	6973800		Sandbekken	No smpl														
DOB571	615225	6973800	0.5	Sandbekken	Grey-brown silt+rust+chlorite	DOB 571	0.5	0.02	0.84	0.94	0.1	0.21	0.31	3.5	0.07				
DOB572	615250	6973800	0.2	Sandbekken	Brown soil/silt. Weakly rusty	DOB 572	0.5	0.01	0.1	0.66	0.02	0.03	0.03	0.9	0.11				
DOB573	615275	6973800	0.6	Sandbekken	Grey, weakly rusty silt with chlorite fragm	DOB 573	-0.5	0.02	0.64	0.85	0.1	0.1	0.27	2	0.05				
DOB574	615300	6973800	1.4	Sandbekken	Brown soil/silt. Minor rust	DOB 574	0.5	0.02	0.38	0.82	0.04	0.07	0.1	1.7	0.08				
DOB575	615350	6973800	0.5	Sandbekken	Grey silt + minor humus	DOB 575	-0.5	0.02	0.93	1.09	0.05	0.18	0.16	2.8	0.05				
	615175	6973600		Sandbekken	No smpl														
DOB576	615225	6973600	0.4	Sandbekken	Grey brown silt with bio schist	DOB 576	0.5	0.06	2.96	4.2	0.11	2.05	0.52	13.3	0.39				
DOB577	615250	6973600	0.8	Sandbekken	Grey silt with fragm of chl + minor humus	DOB 577	-0.5	0.02	0.53	0.94	0.08	0.08	0.27	3.2	0.07				
DOB578	615275	6973600	0.6	Sandbekken	Grey silt with darker areas -->graphitic material?	DOB 578	-0.5	0.03	1.26	1.4	0.1	0.52	0.29	4.1	0.12				
DOB579	615300	6973600	1	Sandbekken	Grey-brown silt. Fragm of chl + bio sch + div	DOB 579	-0.5	0.03	1.22	1.35	0.07	0.55	0.2	5.2	0.11				
DOB580	615325	6973600	1	Sandbekken	Grey silt Fragm of chl + bio sch	DOB 580	-0.5	0.04	1.58	2.08	0.15	1.27	0.38	8.6	0.21				
DOB581	615375	6973600	0.4	Sandbekken	Grey silt with mica sch fragm	DOB 581	-0.5	0.03	0.45	0.71	0.25	0.18	0.68	1.7	0.06				
Spl.no	**UTM E**	**UTM N**	**Depth**	**Target**	**Description**	**Smpl. Id**	**Be**	**Na**	**Mg**	**Al**	**P**	**K**	**Ca**	**Sc**	**Ti**				
						Sch Code	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**				
						Ana Unit	**ppm**	**%**	**%**	**%**	**%**	**%**	**%**	**ppm**	**%**				
						Det Limit	**0.5**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.01**	**0.5**	**0.01**				
DOB582	620950	6977700	0.1	Andåa	Brown soil. LOS	DOB 582	-0.5	0.01	0.12	1.11	0.02	0.01	0.03	2.8	0.14				
DOB583	621000	6977700	0.4	Andåa	Brown soil/silt, weakly rusty	DOB 583	-0.5	0.02	0.48	0.95	0.04	0.03	0.15	2	0.05				
DOB584	621025	6977700	1.5	Andåa	Greyish silt with weakly rusty fragm of mica sch	DOB 584	-0.5	0.02	1.06	1.6	0.14	0.21	0.37	3	0.11				
DOB585	621050	6977700	0.3	Andåa	Brownish sandy matr with rock fragm (q.zite + mica). Weakly rusty areas	DOB 585	-0.5	0.02	0.75	1.58	0.07	0.11	0.2	2.9	0.08				

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DOB586	621075	6977700	0.3	Andåa	Rusty sandy material/silt with div rounded rock fragm	DOB 586	0.5	0.02	0.53	1.62	0.05	0.05	0.09	4.3	0.06			
DOB587	621100	6977700	0.4	Andåa	Brown soil/silt (weakly rusty) + weakly rusty fragm of mica sch	DOB 587	0.5	0.02	0.45	0.97	0.05	0.01	0.08	2.3	0.03			
DOB588	621150	6977700	1	Andåa	Silty material with weakly rusty mica sch fragm	DOB 588	0.5	0.02	2.28	2.15	0.03	0.09	0.18	9	0.04			
DOB589	620950	6977600	2	Andåa	Swampy material last 5mm chlontic silt	DOB 589	0.5	0.02	0.62	0.94	0.12	0.06	0.81	3.8	0.07			
DOB590	621000	6977600	*	Andåa	Brown silt/grey silt	DOB 590	0.5	0.03	0.7	1.77	0.08	0.02	0.23	3.5	0.04			
DOB591	621025	6977600	1	Andåa	Greyish silt + mica sch fragm	DOB 591	0.5	0.03	1.09	1.55	0.12	0.24	0.43	2.3	0.12			
DOB592	621050	6977600	0.4	Andåa	Brownish silt with mica (bio)	DOB 592	0.5	0.03	1.05	1.49	0.16	0.35	0.5	1.5	0.13			
DOB593	621075	6977600	0.4	Andåa	Brown silt	DOB 593	0.5	0.02	0.9	1.9	0.15	0.21	0.35	1.9	0.15			
DOB594	621100	6977600	0.9	Andåa	Silt with bio fragm	DOB 594	0.5	0.03	1.12	1.68	0.19	0.52	0.45	3.2	0.16			
DOB595	621150	6977600	0.2	Andåa	Silt with mica schist fragm	DOB 595	0.5	0.02	0.94	1.27	0.02	0.13	0.13	1.4	0.08			
DOB596	620950	6977500	0.2	Andåa	Brown soil/silt + minor humus	DOB 596	0.5	0.02	0.31	0.55	0.01	0.14	0.01	4.4	0.04			
DOB597	621000	6977500	0.9	Andåa	Silt with chl-mica sch fragm Mica sch plug	DOB 597	0.5	0.04	0.71	1.04	0.21	0.08	0.56	4.7	0.05			
DOB598	621025	6977500	1.4	Andåa	Silt Mostly mica sch fragm Weakly rusty	DOB 598	0.5	0.02	0.88	1	0.02	0.13	0.25	2.4	0.07			
DOB599	621050	6977500	1	Andåa	Silty material with chl fragm + chl plug	DOB 599	0.5	0.04	1.4	1.61	0.04	0.64	0.23	3.3	0.12			
DOB600	621075	6977500	0.8	Andåa	Brownish silt	DOB 600	1.2	0.03	1.37	1.78	0.18	0.74	0.7	3.9	0.15			
DOB601	621100	6977500	0.4	Andåa	Grey-brown silt/soil + mica material	DOB 601	0.5	0.02	0.34	0.71	0.02	0.03	0.1	1.7	0.06			
DOB602	621150	6977500	0.5	Andåa	Sandy material/silt Plug of gabbro/amphibolite	DOB 602	0.5	0.02	0.88	1.8	0.03	0.08	0.17	2.8	0.11			

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Spl.no	Target	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li
		ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
DOB001	Børkleppen W	33	46	185	2.32	11	36	32.6	114	-3	12.2	14.3	20.3	-1	-0.2	-1	-10	14	85	21.4	-10	9	-5	15
DOB002	Børkleppen W	50	62	228	3	16	58	38	266	11	12.1	11.1	19.7	-1	-0.2	-1	-10	-5	127	19.6	-10	6	7	20
DOB003	Børkleppen W	41	55	267	2.75	11	61	36.9	332	4	19.4	10	14.2	2	-0.2	-1	-10	-5	98	14.6	-10	9	-5	16
DOB004	Børkleppen W	44	55	338	2.54	15	48	39.8	543	8	23.8	9.4	13.4	1	-0.2	1	-10	21	102	14.8	12	5	-5	17
DOB005	Børkleppen W	20	29	232	1.59	7	35	23.6	236	3	22.4	9.4	14.6	2	-0.2	-1	-10	-5	70	16	-10	7	-5	10
DOB006	Børkleppen W	31	29	194	1.7	8	31	27.2	97.7	-3	11.7	8.4	13.6	-1	0.9	-1	10	11	78	12.3	-10	5	-5	13
DOB007	Børkleppen W	30	36	353	1.92	11	43	37.9	107	8	8.8	9.9	23.3	1	-0.2	1	-10	7	63	16	12	9	-5	13
DOB008	Børkleppen W	28	36	283	1.81	10	41	28.8	117	-3	9.1	10.1	14.3	2	-0.2	-1	-10	-5	77	16.2	-10	6	-5	8
DOB009	Børkleppen W	25	29	236	1.7	11	33	22.3	132	11	10.1	10.4	19.1	1	-0.2	-1	10	-5	79	16.3	-10	11	-5	11
DOB010	Børkleppen W	24	28	267	1.62	8	33	23.1	179	-3	22.1	11	19.6	2	2.2	-1	-10	28	76	17.4	-10	11	-5	11
DOB011	Børkleppen W	24	33	168	1.8	9	34	25.1	182	3	11.4	11.9	24.8	1	1	-1	-10	27	76	16.9	-10	10	-5	14
DOB012	Børkleppen W	21	28	159	1.57	11	30	21.2	68.8	-3	9.8	10	22.7	1	-0.2	-1	-10	-5	68	17.2	13	8	-5	11
DOB013	Børkleppen W	27	33	234	1.64	11	32	22.3	68	-3	18.1	7.8	14.9	-1	-0.2	-1	-10	7	73	12.7	-10	8	-5	9
DOB014	Børkleppen W	26	35	383	1.88	15	48	34.6	91.8	5	8.6	10.4	14.7	1	3.3	-1	10	46	64	16.5	-10	9	-5	12
DOB015	Børkleppen W	26	34	283	1.8	11	40	26.8	370	-3	8.5	9.5	18.3	1	0.2	3	-10	-5	49	14.8	-10	8	-5	12
DOB016	Børkleppen W	28	42	394	2.01	14	47	34.4	173	-3	9	10.1	23.7	-1	-0.2	-1	-10	23	62	16.7	14	9	-5	15
DOB017	Børkleppen W	28	35	369	2	16	41	39	139	-3	8.2	11.6	24.1	2	-0.2	1	-10	8	60	15.1	-10	8	-5	13
DOB018	Børkleppen W	29	36	364	1.91	13	43	34.3	138	-3	10.3	10.5	19.6	2	-0.2	3	-10	-5	56	16.2	15	7	5	13
DOB019	Børkleppen W	30	48	555	2.58	14	63	31.7	744	-3	10.7	13.8	26.3	2	-0.2	-1	10	-5	61	25.6	-10	12	7	16
DOB020	Børkleppen W	23	25	289	1.42	9	28	26.1	184	12	9.2	10.3	15.3	-1	0.3	-1	-10	-5	48	17.2	-10	6	6	8
DOB021	Børkleppen W	22	35	338	1.88	9	44	36	143	17	27.6	9.8	17.6	2	-0.2	-1	10	-5	55	17.4	-10	6	-5	11
DOB022	Børkleppen W	22	30	270	1.68	13	38	35	180	-3	22.5	9.1	11.5	-1	-0.2	2	-10	11	53	14.2	-10	10	-5	11
DOB023	Børkleppen W	20	31	398	1.79	9	37	30.5	83.5	6	8.2	10.1	17.1	1	-0.2	-1	10	12	62	17	-10	6	-5	13
DOB024	Børkleppen W	28	38	384	2.04	13	45	33.5	232	-3	11	11.1	18.8	-1	-0.2	5	-10	24	78	15.9	-10	15	-5	15
DOB025	Børkleppen W	32	56	369	2.04	11	40	29.6	76.8	-3	9.7	8.7	12.9	1	-0.2	1	-10	-5	86	11.9	11	8	-5	12
DOB026	Børkleppen W	24	31	324	1.65	12	37	34.5	111	-3	10.2	8.9	13.3	1	-0.2	-1	10	22	53	13.3	10	10	-5	9
DOB027	Børkleppen W	31	36	291	1.89	12	31	21.8	194	-3	6.6	6.2	5.4	2	-0.2	-1	-10	-5	25	9.1	-10	9	-5	10
DOB028	Børkleppen W	53	63	324	3.13	16	58	39.4	492	5	24.9	11.7	19.4	4	-0.2	1	10	40	157	20.4	-10	3	-5	21
DOB029	Børkleppen W	21	28	230	1.54	11	31	33.5	91.4	-3	20.2	8.2	20	-1	-0.2	-1	-10	-5	62	12.6	-10	9	-5	9
DOB030	Børkleppen W	26	41	531	2.09	12	48	34.2	87.6	4	6.2	11.6	20.4	-1	2.3	-1	-10	-5	63	16.1	-10	10	-5	16
DOB031	Børkleppen W	24	32	306	1.73	9	38	30.3	124	-3	22	8.5	16.4	-1	-0.2	-1	-10	9	57	15	-10	6	7	12
DOB032	Børkleppen W	30	40	366	2.07	14	47	36.8	174	-3	19.6	11	16.2	-1	-0.2	2	-10	37	77	17.6	15	7	8	14
DOB033	Børkleppen W	22	29	324	1.63	13	36	30.4	196	-3	10.2	9.4	12.8	-1	-0.2	2	-10	-5	47	13.5	-10	4	-5	11
DOB034	Børkleppen W	14	17	243	1.08	7	25	30.5	63	-3	7.9	8.2	13.2	-1	-0.2	1	-10	14	31	13.1	-10	4	-5	5
DOB035	Børkleppen W	28	36	243	1.83	15	38	30.3	171	10	23.2	9.4	15.9	2	-0.2	1	10	9	86	15	-10	7	-5	14
DOB036	Børkleppen W	27	38	307	2.02	9	59	25.9	183	5	23.8	9.5	15.7	2	-0.2	2	-10	41	74	15.7	-10	5	-5	10
DOB037	Børkleppen W	37	46	311	2.42	14	45	29	249	-3	24.7	10.5	18.7	1	-0.2	1	-10	-5	97	16.4	17	3	-5	16
DOB038	Børkleppen W	30	31	252	1.7	8	34	27.9	60.8	4	20.3	8.3	14.4	-1	-0.2	1	-10	7	75	13.4	-10	9	-5	10
DOB039	Børkleppen W	33	37	275	1.9	9	38	31.4	414	-3	17.2	8.5	18.6	-1	-0.2	-1	-10	13	79	14.3	-10	7	5	11
DOB040	Børkleppen W	23	23	177	1.31	8	26	25.6	84.5	-3	20.8	7.8	7.2	-1	0.9	1	-10	12	45	13.7	-10	3	6	7
DOB041	Børkleppen W	29	32	269	1.75	7	39	31.3	223	14	32.3	10.2	16.7	-1	-0.2	2	-10	-5	57	15.8	-10	8	-5	12
DOB042	Børkleppen W	42	53	362	2.67	16	53	37.8	105	-3	31.1	10.5	18.1	2	-0.2	1	-10	19	107	19	-10	5	6	18
DOB043	Børkleppen W	18	24	201	1.19	3	26	20.2	104	-3	16.3	7.7	15.1	2	-0.2	-1	-10	11	71	10.6	-10	7	-5	7
DOB044	Børkleppen W	20	26	216	1.44	9	28	24	67.3	-3	23.1	8.7	18.9	1	-0.2	-1	-10	24	71	17.9	-10	7	-5	11
DOB045	Børkleppen W	24	26	194	1.43	1	30	26.5	62.2	-3	19.8	8.2	16.4	-1	-0.2	-1	-10	-5	70	11.1	-10	8	-5	10
DOB046	Børkleppen W	22	28	243	1.52	4	28	17.9	54.7	-3	18.1	8.6	20.1	-1	-0.2	2	-10	-5	80	15.8	-10	3	-5	10
DOB047	Børkleppen W	15	24	174	1.28	5	25	18.7	153	-3	17.2	8.4	18.6	1	-0.2	-1	-10	13	68	14.4	-10	5	-5	8
DOB048	Børkleppen W	27	34	334	1.87	15	37	27.1	91.5	-3	25.3	9.7	16.5	2	-0.2	3	-10	24	67	16	-10	8	-5	11
DOB049	Børkleppen W	22	24	204	1.34	4	24	23.9	44.3	-3	20.3	7.8	14.7	1	-0.2	2	-10	-5	70	14.7	-10	6	-5	8
DOB050	Børkleppen W	24	30	205	1.64	11	31	31.2	108	-3	16.2	9.8	20	-1	-0.2	3	-10	32	89	11.7	-10	7	-5	12
DOB051	Børkleppen W	20	31	258	1.68	6	31	23.9	67.9	-3	25.5	9.1	20.2	2	1.6	2	-10	21	88	15.5	-10	4	-5	12

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DOB052	Børkleppen W	18	25	225	1 47	6	26	19 6	41 9	9	25 3	9 5	22 6	-1	-0 2	3	-10	30	65	15 6	-10	5	5	10
DOB053	Børkleppen W	36	42	338	2 19	10	40	35 9	82 2	-3	25 3	10 6	22 7	-1	-0 2	3	-10	5	98	17 9	-10	6	-5	12
Spl.no	**Target**	**V**	**Cr**	**Mn**	**Fe**	**Co**	**Ni**	**Cu**	**Zn**	**As**	**Sr**	**Y**	**Zr**	**Mo**	**Ag**	**Cd**	**Sn**	**Sb**	**Ba**	**La**	**W**	**Pb**	**Bi**	**Li**
		ICP70	**ICP70**	**ICP70**	**ICP70**	**ICP7**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**
		ppm	**ppm**	**ppm**	**%**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
		2	**1**	**2**	**0.01**	**1**	**1**	**0.5**	**0.5**	**3**	**0.5**	**0.5**	**0.5**	**1**	**0.2**	**1**	**10**	**5**	**1**	**0.5**	**10**	**2**	**5**	**1**
DOB054	Folldalen	37	48	844	2 21	12	47	39 2	75 8	-3	6 6	9 8	8 7	2	0 3	-1	-10	31	55	25	-10	7	-5	19
DOB055	Folldalen	41	53	183	2 01	11	48	28 1	72 6	-3	5 7	12 6	11 6	-1	1 6	-1	-10	-5	63	17 7	-10	7	-5	11
DOB056	Folldalen	31	38	152	1 88	10	35	24 3	73 9	-3	7 3	12 3	11 4	2	-0 2	5	-10	8	66	20 5	-10	6	-5	13
DOB057	Folldalen	86	94	372	3 38	19	80	42 7	177	-3	13 9	13 9	12 8	3	0 4	3	-10	8	105	16 3	14	3	6	15
DOB058	Folldalen	39	48	216	2 43	18	48	31 2	69	-3	11	15 6	20 6	-1	0 2	3	10	5	124	21 4	-10	8	8	14
DOB059	Folldalen	26	40	405	1 97	16	42	39 2	140	6	9 8	10	9 7	-1	-0 2	-1	-10	-5	51	15 4	-10	8	5	11
DOB060	Folldalen	27	39	327	1 93	9	38	25 2	65	-3	28 3	9 8	12 4	-1	-0 2	-1	-10	-5	80	18	-10	4	-5	11
DOB061	Folldalen	19	21	84	1 06	6	27	28 5	42 4	-3	7 6	8 1	10 8	-1	-0 2	-1	-10	-5	42	12 6	-10	7	-5	7
DOB062	Folldalen	30	42	309	1 97	12	43	26 7	591	-3	31	8 6	11 8	-1	0 2	2	10	11	72	14 7	-10	8	-5	8
	Folldalen																							
DOB063	Folldalen	21	27	344	1 5	10	35	28 5	124	7	42 7	9 7	12 1	-1	0 2	1	-10	30	49	15 1	-10	4	-5	8
DOB064	Folldalen	31	45	357	2 2	8	48	29 2	473	10	37 3	10	17 4	2	0 4	1	10	5	85	21 1	-10	10	-5	17
DOB065	Folldalen	16	20	232	1 13	10	26	27 1	100	6	14 2	7 9	10 9	1	-0 2	-1	-10	-5	39	12 3	-10	-2	-5	6
DOB066	Folldalen	16	19	65	0 81	-1	24	37 4	49 3	7	6 5	9 5	8 9	-1	-0 2	2	-10	27	26	13 5	-10	6	5	7
DOB067	Folldalen	28	23	120	1 51	11	29	47 1	188	4	8 5	8 3	9 1	1	0 2	-1	-10	10	74	12 4	-10	5	-5	7
DOB068	Folldalen	37	52	395	2 53	12	53	29 8	114	-3	17 9	12 7	17 2	-1	1 1	-1	-10	5	91	17 8	-10	4	-5	15
DOB069	Folldalen	35	40	358	2 15	6	45	30 1	196	-3	18 4	11	17 1	1	0 2	1	-10	5	85	18	-10	8	8	15
DOB070	Folldalen	26	41	347	2 09	10	46	35 5	267	6	34 1	9 5	14 9	-1	0 2	2	10	14	65	15 4	-10	4	-5	14
DOB071	Folldalen	88	90	451	3 9	20	101	74 7	646	-3	9 3	18	7 9	-1	0 9	1	10	-5	97	22 9	-10	5	-5	20
DOB072	Folldalen	25	31	130	1 41	3	29	20 1	84 6	-3	7	9 3	8 7	-1	0 4	1	10	5	55	17 8	-10	-2	-5	10
DOB073	Folldalen	14	18	229	0 95	-1	20	28 6	112	-3	30 6	7 4	6 1	-1	-0 2	-1	-10	-5	29	13 1	-10	6	-5	5
DOB074	Folldalen	42	46	335	2 34	15	38	37 6	66 7	-3	5 3	7 6	7 6	-1	-0 2	-1	10	8	58	11 9	-10	3	-5	14
DOB075	Folldalen	25	32	478	1 82	7	32	24 3	104	-3	7 4	9	10 6	3	-0 2	-1	-10	-5	59	16 5	-10	4	-5	10
DOB076	Folldalen	46	13	187	2 26	31	23	72 3	32 1	22	17 2	14 6	13 9	2	3 1	3	10	31	35	21 8	-10	3	-5	6
DOB077	Folldalen	22	30	113	1 29	8	30	27	61 8	-3	7 6	7 9	8 5	-1	0 2	1	-10	11	43	15 2	-10	6	-5	9
DOB078	Folldalen	43	48	132	1 49	8	38	32	75 2	-3	5 9	9 1	6 2	-1	0 3	-1	-10	-5	50	16 6	-10	3	-5	10
DOB079	Folldalen	99	108	473	3 74	21	77	45 8	201	-3	7 2	20 4	6 3	-1	0 2	1	-10	12	107	20 5	12	-2	5	24
DOB080	Folldalen	40	50	254	2 05	8	44	33 4	197	-3	17 1	9	8 2	2	0 8	1	-10	-5	82	14 1	-10	4	-5	14
DOB081	Folldalen	22	27	240	1 3	2	27	25 3	55 3	-3	27 1	9	7 2	1	0 2	1	-10	-5	41	16 8	-10	2	5	7
DOB082	Folldalen	19	24	252	1 17	5	27	27 9	66 7	-3	35 8	7 1	3 9	-1	-0 2	-1	10	21	46	15 2	-10	7	-5	8
DOB083	Folldalen	81	75	662	2 67	18	60	30 5	103	-3	13	24 3	7 6	-1	0 2	-1	-10	-5	93	27 5	-10	2	-5	13
DOB084	Folldalen	28	32	1080	2 23	15	30	39 5	46 7	21	6 9	16 2	9 3	-1	0 2	-1	-10	-5	51	28	-10	9	-5	10
DOB085	Folldalen	29	36	319	1 58	8	40	31 9	47 2	-3	4 7	19 1	7 2	-1	1	-1	-10	12	50	24 7	-10	5	-5	10
DOB086	Folldalen	19	26	136	1 12	5	27	28 6	41 2	-3	5 7	8 5	5 8	-1	0 5	-1	10	-5	34	12 6	-10	8	-5	7
DOB087	Folldalen	86	81	307	2 7	12	59	23 5	109	-3	6 1	15 4	8 9	-1	-0 2	-1	-10	11	185	24	-10	3	6	24
DOB088	Folldalen	142	119	563	4 02	21	71	26 9	201	-3	4 4	16	5 1	-1	-0 2	-1	-10	19	82	21 8	-10	4	-5	19
DOB089	Folldalen	44	49	301	1 91	6	46	25 6	563	-3	24	8 9	11 6	1	-0 2	1	-10	-5	72	15 2	-10	3	-5	12
DOB090	Folldalen	20	20	226	1 07	-1	22	23 1	106	-3	29 7	6 9	7 1	-1	-0 2	2	-10	9	35	14 4	-10	3	-5	6
DOB091	Folldalen	14	18	98	1 01	12	31	55	48 2	-3	14 4	8 4	9 7	-1	-0 2	3	-10	8	30	15 6	-10	5	-5	6
DOB092	Folldalen	80	94	387	3 69	12	81	42 9	294	-3	3 8	14 6	7 8	-1	1 5	-1	-10	9	73	21 3	-10	-2	-5	25
DOB093	Folldalen	61	70	322	3 66	28	68	21 9	94 5	-3	5	14 2	6 4	2	0 5	1	-10	-5	70	23 2	-10	6	-5	19
DOB094	Folldalen	18	24	209	1 03	1	29	31	44 6	-3	18	6	5 5	-1	1 4	2	-10	20	37	10 6	-10	-2	-5	4
	Folldalen																							
DOB095	Folldalen	27	37	250	1 62	8	32	24 9	217	-3	21	7 3	16 6	1	0 7	-1	-10	12	74	13 4	-10	4	-5	11
DOB096	Folldalen	26	41	200	2 08	15	48	56 6	112	-3	6 3	9 7	12 7	-1	2 1	-1	-10	8	50	24 7	-10	5	-5	18
DOB097	Folldalen	36	45	215	2 07	9	40	34	74 4	-3	12 2	10 7	12 9	-1	-0 2	4	-10	-5	105	18 1	-10	3	5	13
DOB098	Folldalen	20	34	259	1 54	5	33	28	109	-3	32 2	9 3	9	-1	0 2	3	-10	9	56	16 3	-10	4	-5	9
DOB099	Folldalen	44	65	158	1 76	8	44	17 8	75 6	-3	10	12 2	4 3	2	-0 2	-1	-10	-5	71	23 9	-10	7	-5	14
DOB100	Folldalen	99	106	356	4 26	22	68	103	223	-3	13 4	9 1	6	-1	-0 2	2	-10	10	222	15 4	-10	-2	-5	14
DOB101	Folldalen	25	35	210	1 52	3	31	21 5	107	-3	21 1	7 3	8 4	-1	-0 2	-1	-10	-5	66	11 7	-10	5	-5	9
DOB102	Folldalen	28	37	420	1 58	12	38	31 8	320	-3	6 4	9 6	6 6	-1	0 2	-1	-10	-5	70	17 9	-10	9	-5	10

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DOB103	Folldalen	23	31	100	1 37	3	22	18 1	32 8	3	5 4	5	3 8	-1	-0 2	-1	-10	27	29	13 7	-10	11	5	8
DOB104	Folldalen	25	39	67	1 05	1	27	25.7	44 8	-3	7	5 5	7 3	-1	-0 2	3	-10	-5	50	12 4	-10	5	5	10
DOB105	Folldalen	17	26	249	1 2	6	28	31.7	144	-3	23 6	7 3	6 4	-1	2 4	4	-10	5	42	14 8	10	8	5	8
DOB106	Folldalen	39	55	265	2 26	15	44	27.6	118	-3	8 5	12 6	6 5	1	-0 2	-1	-10	-5	70	19 3	-10	10	5	27
DOB107	Folldalen	54	79	216	3 36	25	64	80	104	3	8 9	12 6	5	6	0 6	1	-10	14	95	21 6	-10	16	5	33
DOB108	Folldalen	14	19	191	0 88	4	18	24.4	30.8	3	25 5	6 3	7 4	-1	1 3	-1	-10	-5	39	14 1	-10	5	5	5
DOB109	Folldalen	61	83	562	3 76	15	68	38 1	138	3	43 3	12 1	25 1	-1	0 8	-1	-10	-5	177	24 6	-10	8	5	26
DOB110	Folldalen	21	29	132	1 34	12	31	32	77.9	-3	10 1	8 6	11 2	1	-0 2	1	-10	5	49	15 4	-10	4	5	9
DOB111	Folldalen	27	37	192	1 68	12	35	32 1	133	3	16 2	9 1	12 2	-1	-0 2	1	-10	-5	61	15 4	-10	7	5	11
DOB112	Folldalen	25	33	368	1 48	4	32	40.6	76 5	-3	6 1	9 7	5 7	-1	2 2	2	-10	-5	53	16 8	-10	4	5	9
	Folldalen																								
DOB113	Folldalen	37	63	445	1 78	5	36	38 8	79 3	3	8 9	18 9	8 3	1	-0 2	-1	-10	16	77	32 4	-10	6	5	11
DOB114	Folldalen	16	19	284	1 04	3	20	28 7	33 4	3	5 9	7 2	8 5	1	0 7	2	-10	-5	43	13 1	-10	5	5	6
Spl.no	**Target**	**V**	**Cr**	**Mn**	**Fe**	**Co**	**Ni**	**Cu**	**Zn**	**As**	**Sr**	**Y**	**Zr**	**Mo**	**Ag**	**Cd**	**Sn**	**Sb**	**Ba**	**La**	**W**	**Pb**	**Bi**	**Li**
		ICP70	**ICP70**	**ICP70**	**ICP70**	**ICP7**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**	**ICP70**
		ppm	**ppm**	**ppm**	**%**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
		2	**1**	**2**	**0.01**	**1**	**1**	**0.5**	**0.5**	**3**	**0.5**	**0.5**	**0.5**	**1**	**0.2**	**1**	**10**	**5**	**1**	**0.5**	**10**	**2**	**5**	**1**
DOB115	Jensåsbekken	44	46	307	2 38	5	33	35 2	62.5	-3	4 4	8 2	3 3	1	1 8	2	-10	-5	59	13 8	-10	6	-5	11
DOB116	Jensåsbekken	53	55	283	3 06	10	42	98 4	130	3	2 2	10 9	8 2	-1	-0 2	2	-10	11	58	14	-10	6	5	14
DOB117	Jensåsbekken	50	52	390	2 58	12	43	78.3	145	3	6 1	10 3	8 2	1	1 8	3	-10	-5	89	15 6	-10	4	5	12
DOB118	Jensåsbekken	80	80	219	3 5	16	57	39 5	264	3	4 7	9 7	4 7	1	0 2	-1	-10	37	173	17 7	-10	2	5	16
DOB119	Jensåsbekken	80	47	231	2 88	12	35	59 4	250	-3	7 9	15 9	3 8	1	1 3	2	-10	10	158	23 5	-10	-2	5	14
DOB120	Jensåsbekken	76	34	227	3 75	10	29	22 2	156	13	9 2	13 1	6 4	1	0 3	1	10	-5	164	18 7	-10	6	5	23
DOB121	Jensåsbekken	32	32	114	2 85	20	46	73 7	104	46	10 3	14 8	12 3	4	2 5	2	-10	-5	60	32 2	-10	8	5	13
DOB122	Jensåsbekken	50	51	462	2 55	8	42	108	342	3	8 5	11 5	7	-1	0 7	-1	10	6	93	17 4	-10	57	5	10
DOB123	Jensåsbekken	68	68	363	3 14	13	54	251	257	3	7 5	10 9	6 5	-1	-0 2	3	-10	11	175	17	-10	4	5	15
DOB124	Jensåsbekken	105	97	120	3 94	16	64	56 5	266	3	4 9	9 9	1 9	-1	-0 2	-1	10	5	268	21 9	-10	4	8	15
DOB125	Jensåsbekken	56	60	195	2 68	22	55	50.7	200	-3	14 6	12 6	9 1	-1	-0 2	-1	-10	13	108	24 5	10	6	5	14
DOB126	Jensåsbekken	41	48	416	2 4	14	44	42 3	144	-3	30	9 5	11 1	-1	-0 2	3	-10	-5	87	22 6	-10	6	5	15
DOB127	Jensåsbekken	79	77	155	3 05	12	49	24 3	101	-3	7 3	14 1	7 3	1	0 2	-1	-10	-5	167	23 8	-10	5	-5	13
DOB128	Jensåsbekken	50	49	343	2 47	10	40	50.4	233	-3	8 3	10 3	6 5	-1	-0 2	1	-10	-5	98	17 3	-10	6	-5	11
DOB129	Jensåsbekken	60	57	335	2 59	9	45	21.7	106	-3	8 1	11 2	9 9	1	2	1	-10	8	111	21	-10	-2	9	10
DOB130	Jensåsbekken	57	58	180	2 74	12	48	43 9	103	-3	8 9	10 4	11 6	-1	0 9	1	-10	5	119	21 5	-10	4	7	13
DOB131	Jensåsbekken	64	65	120	2 74	8	48	38 7	229	-3	6 2	9	3 8	-1	1 1	2	-10	-5	78	20 9	-10	4	5	13
DOB132	Jensåsbekken	77	73	171	3 19	16	60	92 3	344	-3	7 3	14 7	5 5	-1	-0 2	3	10	-5	162	28 4	-10	19	5	17
DOB133	Jensåsbekken	46	51	534	2 43	16	41	102	183	-3	5 4	13 9	4	-1	-0 2	3	-10	17	77	23 6	-10	-2	-5	11
DOB134	Jensåsbekken	65	64	271	3 18	10	54	67.7	128	-3	7 7	18	6 7	-1	-0 2	2	10	-5	101	28 2	-10	4	5	16
DOB135	Jensåsbekken	52	55	297	2 64	11	43	69 2	94	-3	6 5	12 1	9 3	-1	-0 2	1	10	-5	98	21 2	-10	6	-5	13
DOB136	Jensåsbekken	51	54	167	2 43	10	40	35 3	130	-3	7 8	9 9	5 8	-1	0 8	2	-10	12	70	20 6	-10	6	-5	13
DOB137	Jensåsbekken	106	89	161	4 04	19	60	6 2	359	-3	3 6	7 3	4 4	-1	-0 2	1	10	-5	195	11 4	-10	2	-5	14
DOB138	Jensåsbekken	46	51	151	2 3	8	42	51 7	64	-3	8 7	10 1	5 2	-1	1	2	-10	6	108	18 9	-10	5	-5	15
DOB139	Jensåsbekken	58	56	140	2 49	9	42	43 3	272	-3	7 9	12 3	5 4	2	-0 2	3	-10	5	109	27 4	-10	-2	-5	14
DOB140	Jensåsbekken	59	58	236	2 89	12	47	60 3	510	-3	10 6	10 8	5 6	-1	-0 2	-1	-10	-5	129	24 7	-10	6	-5	17
DOB141	Jensåsbekken	52	67	144	2 59	11	55	38 3	357	-3	7 5	8 8	6 8	-1	-0 2	1	-10	8	101	25 7	-10	5	-5	25
DOB142	Jensåsbekken	31	37	75	1 25	3	28	17 9	58 9	-3	4 5	4 4	1 3	-1	1 2	2	-10	5	43	11 8	10	4	6	15
DOB143	Jensåsbekken	119	51	558	4 63	21	38	321	418	-3	5 5	24 4	6 8	2	0 5	-1	-10	-5	251	35 3	-10	10	-5	23
DOB144	Jensåsbekken	113	64	434	6 43	22	44	278	460	-3	8 9	15 2	6 7	-1	0 7	1	-10	-5	762	28 6	17	11	11	52
DOB145	Jensåsbekken	27	31	173	1 73	10	36	38 1	424	-3	8 2	14 8	9 9	2	1 4	2	-10	7	72	18 5	-10	-2	-5	13
DOB146	Jensåsbekken	61	78	204	3 04	12	74	47.5	204	-3	7 6	10 3	5 2	2	-0 2	-1	10	12	142	27	-10	8	11	31
DOB147	Jensåsbekken	60	74	457	3 1	13	64	64 9	210	-3	5 3	11 5	4 7	-1	0 7	-1	-10	-5	104	22 2	-10	7	-5	20
DOB148	Jensåsbekken	57	61	204	2 75	13	47	39	108	-3	7 2	7 9	3 5	-1	-0 2	1	10	8	71	18 4	-10	3	-5	12
DOB149	Jensåsbekken	72	77	165	3 21	16	59	41.4	193	-3	7 9	13 6	5 8	3	1 3	-1	10	-5	128	29 9	-10	9	-5	19
DOB150	Jensåsbekken	72	78	169	2 91	13	55	35 3	103	-3	5 8	11 9	3	1	-0 2	2	-10	20	131	25 5	-10	7	-5	19
DOB151	Jensåsbekken	84	82	138	3 32	14	58	25 8	126	-3	6 3	14 5	5 7	-1	-0 2	-1	-10	-5	181	28 6	10	3	12	17
DOB152	Jensåsbekken	54	56	310	2 67	12	48	57 3	108	-3	7	15 3	6 1	-1	1 4	3	-10	-5	83	23 5	-10	-2	-5	11
DOB153	Jensåsbekken	55	60	158	2 61	11	53	47.7	111	-3	6 7	9 5	5 1	1	1	2	-10	29	95	22 7	-10	6	-5	14
DOB154	Jensåsbekken	61	53	212	2 58	6	37	83.9	93 5	-3	3 9	9 2	2 2	1	-0 2	3	-10	8	55	25 3	10	7	6	13

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DOB155	Jensåsbekken	54	54	261	2.18	7	37	21.9	77.7	-3	6.6	9	2.4	1	0.4	-1	-10	-5	98	17.7	-10	3	-5	9
DOB156	Jensåsbekken	70	68	425	3.6	19	54	139	294	-3	7.2	14.5	12.1	1	0.2	1	-10	-5	135	27.2	-10	20	-5	16
DOB157	Jensåsbekken	84	64	277	3.92	17	50	89.2	251	-3	6.5	20.4	7.6	1	0.8	-1	-10	-5	212	39	-10	19	-5	21
DOB158	Jensåsbekken	84	46	444	5.12	20	35	306	465	-3	6.2	15	8	-1	-0.2	2	-10	-5	264	26.3	-10	27	-5	29
DOB159	Jensåsbekken	63	59	5510	4.85	23	37	13.3	143	-3	7.1	4.8	2.8	-1	-0.2	1	-10	25	197	5	-10	4	-5	13
DOB160	Jensåsbekken	63	71	323	2.73	11	49	51.6	93.1	-3	7.1	11.5	7	-1	-0.2	1	-10	25	111	20.4	-10	3	-5	18
DOB161	Jensåsbekken	61	68	287	6.66	15	50	38.9	77	-3	7.5	19.1	11.8	-1	-0.2	-1	-10	-5	105	39.6	13	5	-5	20
DOB162	Jensåsbekken	54	64	440	3.07	12	52	40.2	276	-3	41.1	11.3	14	-1	-0.2	-1	-10	8	110	23.4	14	7	-5	17
Spl.no	**Target**	**V**	**Cr**	**Mn**	**Fe**	**Co**	**Ni**	**Cu**	**Zn**	**As**	**Sr**	**Y**	**Zr**	**Mo**	**Ag**	**Cd**	**Sn**	**Sb**	**Ba**	**La**	**W**	**Pb**	**Bi**	**Li**
		ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
DOB163	Svartbekken	49	71	637	3.89	13	70	43.6	276	-3	7.7	17.9	11.4	-1	-0.2	-1	10	21	25	30.7	12	12	10	37
DOB164	Svartbekken	36	52	391	2.44	9	48	28.6	93.3	-3	8.7	9.8	3.9	-1	-0.2	-1	10	7	34	24	-10	6	-5	20
DOB165	Svartbekken	36	47	233	1.99	1	32	13	62.9	6	4.4	7.1	4.3	-1	0.3	2	-10	-5	20	16.4	10	-2	-5	14
DOB166	Svartbekken	35	47	506	2.21	6	43	54.3	220	-3	7.8	14.8	8	-1	0.7	-1	-10	19	55	26	-10	79	8	17
DOB167	Svartbekken	66	80	277	2.66	12	46	40.3	112	-3	6.5	11.4	8.3	-1	-0.2	2	-10	-5	134	23.6	-10	4	-5	17
DOB168	Svartbekken	44	35	369	1.94	4	17	6.2	33.5	-3	2.7	1.9	0.8	-1	0.6	2	10	12	28	4.1	18	6	-5	8
DOB169	Svartbekken	51	67	283	3.4	17	62	63.7	102	-3	10.4	14.5	5.3	-1	-0.2	-1	10	-5	45	28.8	14	6	-5	22
DOB170	Svartbekken	37	45	365	2.24	10	41	54.8	70.5	-3	8.8	15.1	7.6	2	1.3	-1	10	-5	59	30.7	-10	4	-5	17
DOB171	Svartbekken	56	72	372	3.04	14	60	64	212	-3	11	14.6	3.3	4	0.2	-1	12	5	64	31.1	16	4	-5	24
DOB172	Svartbekken	59	67	314	3.38	12	63	50.5	176	-3	10.4	12.7	5	-1	-0.2	-1	10	5	53	28.2	16	-2	8	24
DOB173	Svartbekken	60	69	232	3.37	11	60	41.5	85.9	-3	10.8	14.1	5.9	-1	-0.2	-1	10	-5	68	30.6	-10	5	-5	28
DOB174	Svartbekken	40	54	407	2.12	7	42	43.5	119	-3	9.6	10.7	4.8	-1	0.8	-1	-10	11	58	30.2	-10	-2	-5	17
DOB175	Svartbekken	42	48	160	2.07	4	37	27.8	156	-3	5.6	5.4	3	-1	0.2	1	-10	-5	37	11.5	-10	6	-5	11
	Svartbekken																							
DOB176	Svartbekken	40	57	242	2.46	11	41	30.2	90.3	-3	5.7	8.1	6.6	1	0.2	-1	10	-5	38	15.2	-10	4	-5	15
DOB177	Svartbekken	46	54	164	2.28	6	38	25.3	63.1	-3	6.2	6	3.7	2	0.4	1	-10	7	35	14.1	-10	6	-5	14
DOB178	Svartbekken	22	36	296	1.45	6	38	38.9	55.6	-3	6.7	9	8	-1	0.3	1	-10	-5	41	18.8	16	-2	-5	10
DOB179	Svartbekken	52	56	398	2.63	10	45	24.8	105	-3	6.9	5.9	2.1	2	1.6	1	-10	-5	46	9.1	12	5	-5	20
DOB180	Svartbekken	33	42	90	1.73	10	39	40	72.6	-3	7.5	9.9	2.5	-1	1.3	1	-10	9	40	21.1	14	-2	-5	12
DOB181	Svartbekken	20	23	73	1.07	-1	29	31.8	40.5	-3	7.1	7.2	6.3	1	-0.2	-1	-10	-5	28	15.6	13	4	-5	8
DOB182	Svartbekken	26	37	89	1.34	6	34	30.6	67.5	-3	7.4	7.8	4.7	-1	1.2	-1	10	5	31	15.1	15	3	-5	11
DOB183	Svartbekken	62	70	116	2.6	9	43	3.7	63.8	-3	3.9	4.1	2.7	-1	-0.2	-1	-10	-5	59	10.4	-10	5	-5	11
DOB184	Svartbekken	42	46	79	1.97	3	23	6.2	65	-3	3.6	1.5	0.6	-1	0.9	1	-10	5	47	4.2	-10	7	-5	7
DOB185	Svartbekken	44	45	118	2.03	4	31	21	67.7	-3	5.5	3.6	2.8	1	-0.2	-1	10	-5	39	6.2	-10	7	-5	9
DOB186	Svartbekken	32	36	61	1.3	2	16	1.4	47.4	-3	3.9	1.1	3.2	-1	0.6	2	10	-5	28	3.3	-10	-2	-5	4
DOB187	Svartbekken	62	74	231	3.13	12	56	43.7	96	-3	9.3	10.1	4.8	-1	-0.2	-1	-10	-5	79	22.9	10	3	-5	23
DOB188	Svartbekken	62	134	476	3.83	22	166	65.2	151	-3	4.9	15.6	8.8	2	-0.2	-1	-10	10	56	28.4	-10	7	6	32
DOB189	Svartbekken	59	160	477	3.78	31	185	56.2	119	-3	5.7	17.4	12.3	3	0.3	-1	10	-5	55	31	12	9	-5	32
DOB190	Svartbekken	35	48	261	1.9	2	34	14.2	73.6	3	6.1	4.7	2.5	-1	1.2	-1	-10	-5	32	10.9	11	8	-5	10
DOB191	Svartbekken	62	135	432	3.95	23	158	66.2	104	-3	4.7	18.3	8.5	2	-0.2	-1	-10	9	46	29.5	17	6	-5	30
DOB192	Svartbekken	54	84	244	2.92	11	54	101	106	-3	6.8	7.2	3	1	-0.2	-1	-10	10	83	16	19	4	-5	18
DOB193	Svartbekken	73	204	454	5	20	188	52.4	246	-3	3	18.9	8.4	2	-0.2	-1	-10	-5	30	33.6	-10	3	-5	46
DOB194	Svartbekken	72	319	1760	4.92	47	369	63.3	383	-3	2.4	23.2	9.5	5	-0.2	-1	10	-5	60	42.5	20	12	-5	45
DOB195	Svartbekken	79	427	967	4.13	31	250	31	209	6	3.2	14.3	5.2	2	-0.2	-1	-10	7	47	30.9	-10	9	-5	51
DOB196	Svartbekken	48	173	493	3.57	22	113	53.8	245	-3	4.5	13.4	9.8	2	0.3	-1	-10	-5	32	26.6	10	9	-5	30
DOB197	Svartbekken	74	176	520	3.93	24	123	79.3	153	-3	5.9	11.8	12.2	2	-0.2	-1	-10	-5	25	16.9	-10	8	-5	36
	Svartbekken																							
	Svartbekken																							
DOB198	Svartbekken	54	59	190	2.7	7	26	10.9	163	3	4.1	4.8	3.2	-1	-0.2	-1	-10	5	39	9.9	16	6	-5	11
DOB199	Svartbekken	51	171	402	3.19	15	144	51.8	226	5	5	13.8	7	3	0.9	1	-10	6	42	28.6	-10	10	-5	28
DOB200	Svartbekken	50	155	322	3.5	14	107	38.8	126	-3	3.6	8.9	4.8	2	-0.2	-1	-10	-5	30	21	-10	10	8	24
DOB201	Svartbekken	36	118	748	3.41	22	160	46.3	295	6	4.3	10.6	4.7	2	1.1	-1	-10	17	32	18.6	-10	15	8	25
DOB202	Svartbekken	55	125	343	2.72	14	89	30.4	215	-3	6.7	8.9	5.5	1	-0.2	-1	-10	6	78	17.7	-10	5	-5	21
DOB203	Svartbekken	58	169	294	4.42	11	110	27.1	135	-3	3.2	7.8	6.5	2	-0.2	-1	10	-5	29	15.1	-10	7	-5	31
DOB204	Svartbekken	20	43	294	1.62	5	78	23.7	62.6	-3	21.8	7.2	10.2	2	0.2	1	-10	16	61	17.7	11	3	-5	11

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DOB205	Svartbekken	36	91	384	3.94	26	166	56.1	177	-3	2.5	17.1	12.4	5	-0.2	-1	-10	-5	35	36.6	20	9	5	27
DOB206	Svartbekken	40	103	369	4.08	26	187	60.1	152	-3	2.6	14.2	14.1	5	-0.2	-1	-10	28	36	31.9	-10	14	-5	31
Spl.no	Target	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li	
		ICP70	ICP70	ICP70	ICP70	ICP7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1	
DOB217	Unsgardsåsen	17	22	194	1.02	3	20	36.1	61.1	-3	18.9	7.6	5.1	-1	0.9	1	-10	-5	40	9.9	-10	2	-5	5	
DOB218	Unsgardsåsen	26	32	247	1.48	6	29	43.2	66.5	8	6.7	9.8	6.5	-1	-0.2	-1	-10	-5	54	15.1	-10	2	-5	10	
DOB219	Unsgardsåsen	21	22	112	1.31	5	25	36.6	58.1	-3	4.3	7.7	4.8	-1	1	-1	-10	-5	21	8.7	11	2	-5	4	
DOB220	Unsgardsåsen	45	25	1440	1.93	13	28	36	51.6	-3	5.4	9.8	4.4	-1	0.6	-1	-10	-5	45	13.3	-10	5	-5	11	
Spl.no	Target	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li	
		ICP70	ICP70	ICP70	ICP70	ICP7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1	
DOB221	Killingdal N	133	61	336	4.12	27	44	119	133	-3	6.2	18.8	6.3	2	0.4	-1	-10	-5	76	16.4	-10	8	6	12	
DOB222	Killingdal N	70	76	558	2.41	13	34	71.3	136	-3	5.7	7.2	6.2	-1	-0.2	1	-10	-5	56	11.7	-10	-2	-5	8	
DOB223	Killingdal N	29	33	166	1.41	7	25	71.1	63.6	-3	6.3	5.2	5.7	-1	0.2	2	-10	-5	36	11.3	-10	2	-5	5	
DOB224	Killingdal N	32	40	148	1.6	6	24	49.2	95.2	-3	4.8	5.6	3.4	-1	-0.2	-1	-10	-5	18	8.3	-10	6	-5	8	
DOB225	Killingdal N	73	80	353	2.99	15	29	44.3	212	-3	5.6	5.5	3	-1	0.2	-1	-10	11	46	8.2	19	-2	-5	16	
DOB226	Killingdal N	55	50	263	2.55	15	30	36.6	622	-3	4.9	5.1	2.2	-1	0.9	1	-10	-5	29	13.9	-10	-2	-5	14	
DOB227	Killingdal N	49	58	128	2.33	9	42	19.2	169	-3	9.1	6.7	0.5	2	-0.2	-1	-10	-5	58	13.7	-10	-2	12	14	
DOB228	Killingdal N	54	29	112	1.73	13	25	111	79.2	-3	6.2	7.1	4.1	-1	-0.2	1	-10	-5	45	13.1	12	-2	-5	6	
DOB229	Killingdal N	18	18	124	1.08	6	19	49.8	45	-3	10.4	6.8	4.6	-1	1.3	1	-10	-5	24	12.7	-10	-2	-5	4	
DOB230	Killingdal N	63	59	449	4.91	41	61	349	64.5	-3	10	15.8	5.9	3	0.2	-1	-10	9	74	13.1	-10	-2	-5	12	
DOB231	Killingdal N	100	17	193	2.68	20	16	36.9	389	-3	6.7	12.5	2.5	1	-0.2	-1	-10	7	81	11.2	-10	-2	-5	11	
DOB232	Killingdal N	46	16	132	1.71	10	18	67.5	65.9	-3	7.1	8.7	3.9	-1	0.9	2	-10	-5	33	8.6	-10	-2	-5	12	
DOB233	Killingdal N	66	24	265	2.46	20	22	68.5	203	-3	6.5	7.4	-0.5	-1	0.3	1	-10	6	82	11.3	-10	-2	-5	15	
DOB234	Killingdal N	26	60	133	1.49	12	39	76.3	208	-3	3.3	0.9	3.5	-1	0.2	3	-10	-5	32	0.9	12	-2	-5	6	
DOB235	Killingdal N	62	98	210	2.7	22	65	18.7	100	-3	5.4	1.9	0.6	-1	0.7	1	-10	-5	89	3.3	-10	-2	-5	13	
DOB236	Killingdal N	76	132	297	3.05	26	62	122	63.9	-3	4.3	9.5	2.1	-1	-0.2	1	-10	-5	87	6.2	-10	-2	-5	14	
DOB237	Killingdal N	46	49	385	2.48	13	29	37.3	544	-3	5.6	4.9	2.4	-1	0.5	1	-10	-5	33	9.3	-10	5	-5	12	
DOB238	Killingdal N	138	55	457	5.84	37	79	104	462	-3	5.7	11.9	7.1	9	1	1	-10	-5	280	19.8	10	360	-5	19	
DOB239	Killingdal N	51	52	200	2.1	10	29	48.9	105	-3	5.3	6.5	3.1	-1	-0.2	-1	-10	-5	46	9.5	-10	5	-5	15	
DOB240	Killingdal N	37	39	156	1.87	7	34	61.8	271	-3	7.5	8.7	3.3	-1	1.7	-1	-10	-5	53	14.4	-10	3	-5	12	
DOB241	Killingdal N	35	33	262	1.64	6	27	47.3	463	-3	5.5	6.1	3.8	-1	-0.2	-1	-10	-5	31	10.1	-10	-2	-5	12	
DOB242	Killingdal N	19	19	220	1.05	5	18	47.5	44	-3	5.7	8.6	3.1	-1	0.2	1	-10	-5	26	12	-10	3	-5	6	
DOB243	Killingdal N	55	56	655	2.54	12	35	76.4	143	-3	5.5	7.4	1.4	-1	1	1	-10	12	59	9.4	16	-2	-5	9	
DOB244	Killingdal N	50	118	358	3.27	23	51	17.5	683	-3	5.2	2.1	2.1	-1	-0.2	1	-10	-5	21	1.7	-10	-2	-5	12	
DOB245	Killingdal N	29	30	118	1.42	19	27	51.2	193	-3	3.8	4.3	0.9	1	0.5	2	-10	-5	16	6.1	-10	-2	-5	7	
DOB246	Killingdal N	73	61	226	3.04	21	24	39.3	300	-3	4.8	3.1	2.1	-1	2	1	-10	-5	43	1.6	11	2	-5	14	
DOB247	Killingdal N	75	9	748	2.38	15	14	36.9	408	-3	5.2	9.4	3.4	2	0.6	1	-10	-5	21	7.7	-10	-2	-5	10	
DOB248	Killingdal N	108	35	594	4.62	25	44	130	269	13	7.8	19.8	7.3	1	-0.2	-1	-10	8	58	22.5	15	4	-5	17	
DOB249	Killingdal N	133	14	455	3.37	26	19	54.6	161	-3	8.5	14.5	2.6	-1	0.2	-1	-10	-5	69	10.7	-10	-2	-5	19	
DOB250	Killingdal N	57	98	232	2.59	14	37	31.9	145	-3	4.1	2.2	2	-1	2.2	-1	-10	-5	34	2.1	10	-2	-5	10	
DOB251	Killingdal N	96	40	453	3.26	27	42	81	279	-3	6.3	21.6	2.9	1	-0.2	-1	-10	6	63	15.6	-10	5	-5	20	
DOB252	Killingdal N	42	18	232	2.05	7	17	17.7	76.2	-3	3.6	4.7	3.4	-1	0.8	-1	-10	-5	18	6.1	-10	5	-5	3	
DOB253	Killingdal N	14	13	102	0.82	-1	14	9.6	426	-3	4.5	4.6	4.9	-1	0.7	-1	-10	-5	24	9.5	-10	6	-5	3	
DOB254	Killingdal N	103	15	1450	3.46	18	19	36.9	150	-3	6.7	19.5	1.6	2	-0.2	-1	-10	5	50	12	-10	6	-5	28	
DOB255	Killingdal N	84	34	235	3.59	20	36	65.3	112	6	6.8	17.6	7	1	-0.2	-1	-10	5	56	22.6	-10	13	7	12	
DOB256	Killingdal N	12	5	14	0.4	3	3	13	44.6	-3	1	1.5	4.8	-1	-0.2	-1	-10	-5	16	4.3	-10	10	-5	-1	
DOB257	Killingdal N	115	19	729	3.74	23	16	28.7	357	-3	6.4	10.3	3.5	2	0.3	1	-10	-5	20	6.5	-10	-2	-5	14	
DOB258	Killingdal N	73	33	989	2.71	29	36	70	151	-3	6.9	12.8	2.9	1	-0.2	-1	-10	-5	42	13.2	-10	4	-5	13	
DOB259	Killingdal N	6	5	33	0.29	-1	4	5.4	287	8	2.4	2.8	9.7	-1	-0.2	-1	-10	8	11	7.8	-10	5	-5	-1	
DOB260	Killingdal N	51	11	89	1.85	5	6	5.4	86	-3	2.5	3.7	4.1	-1	-0.2	-1	-10	-5	15	4.2	-10	2	-5	4	
DOB261	Killingdal N	195	30	260	5.82	47	59	120	121	5	6.8	30.9	10.4	3	0.2	-1	-10	10	97	22.9	-10	14	8	16	
	Killingdal N																								

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DOB262	Killingdal N	72	19	416	2.59	24	25	62.1	94.5	4	7.4	16.8	4	1	-0.2	-1	-10	5	51	15.5	10	4	-5	19
DOB263	Killingdal N	120	22	184	3.58	20	23	49.9	113	7	8	14.5	3.3	-1	-0.2	-1	-10	-5	87	10	-10	-2	-5	22
DOB264	Killingdal N	111	18	345	4.66	24	19	33.2	194	-3	6.1	8.5	5.5	-1	-0.2	1	10	-5	27	6	10	-2	-5	22
DOB265	Killingdal N	100	9	896	3.1	30	15	59.8	458	-3	36.7	13.9	2.1	-1	0.2	2	-10	-5	41	6.5	-10	-2	-5	10
DOB266	Killingdal N	123	39	476	5.06	21	39	61	164	-3	5.7	7.9	3.2	-1	-0.2	-1	-10	7	105	13.4	-10	9	-5	22
DOB267	Killingdal N	53	23	438	2.58	12	26	65.1	66.8	-3	6.3	11.1	3.1	-1	-0.2	2	-10	-5	38	13.1	-10	6	-5	13
	Killingdal N																								
DOB268	Killingdal N	199	74	1620	13.6	38	39	230	373	-3	8.8	14.7	7.9	3	-0.2	-1	-10	7	106	31.5	-10	257	-5	29
DOB269	Killingdal N	325	14	1050	7.06	41	18	50.9	217	3	45	32.1	5.3	1	-0.2	2	-10	-5	40	14.1	-10	11	-5	23
DOB270	Killingdal N	84	7	232	2.12	9	7	22.1	137	5	6.9	8.4	-0.5	1	-0.2	-1	10	-5	9	5.7	10	7	-5	5
DOB271	Killingdal N	132	38	431	4.11	29	21	65	202	8	5.5	10.4	4.9	1	-0.2	-1	-10	-5	56	8	-10	4	-5	11
DOB272	Killingdal N	68	21	974	2.7	12	15	144	123	-3	3.8	27.3	3.6	1	0.7	1	10	-5	25	16.6	-10	7	-5	13
DOB273	Killingdal N	92	13	670	2.84	19	15	48.6	149	3	7	14.8	0.5	-1	-0.2	-1	-10	9	55	12.7	-10	-2	-5	14
DOB274	Killingdal N	58	50	1250	4.02	19	50	46.2	284	-3	4.5	8	4.7	2	0.9	1	-10	-5	59	16.1	-10	9	-5	28
DOB275	Killingdal N	153	13	1140	4.71	25	18	56.1	276	-3	9	26.2	3.5	1	0.4	-1	10	5	53	12.5	-10	3	-5	22
DOB276	Killingdal N	57	43	1120	4.46	35	63	70.1	262	7	11.8	17.1	6.2	-1	-0.2	-1	10	-5	62	30.4	-10	19	-5	28
	Killingdal N																								
	Killingdal N																								
DOB277	Killingdal N	48	46	1030	4.13	24	58	107	208	6	9.6	17	6.5	1	-0.2	1	10	5	51	28.5	-10	37	-5	26
DOB278	Killingdal N	334	80	1900	15	61	184	390	433	-3	13.7	27.9	4.7	12	-0.2	-1	-10	5	155	91.1	27	242	-5	46
DOB279	Killingdal N	62	36	790	3.06	18	33	60.4	121	6	6.1	14	6.9	-1	0.6	-1	-10	-5	57	18.4	10	10	-5	20
DOB280	Killingdal N	71	57	531	3.3	16	39	76.8	172	5	7.9	17.4	4.4	1	0.4	-1	10	-5	64	20.1	10	2	-5	18
DOB281	Killingdal N	53	34	254	2.88	7	20	9.5	66.7	6	2.1	6.2	4.6	-1	0.8	3	-10	-5	19	10.1	-10	9	-5	10
DOB282	Killingdal N	29	32	614	2.18	13	39	31.7	122	3	10	12.2	9.7	1	1	-1	10	-5	48	18.4	10	5	-5	13
DOB283	Killingdal N	44	57	540	3.66	15	61	49.8	174	7	5.9	18.6	11.5	1	1.6	-1	10	5	41	26.5	10	6	-5	26
DOB284	Killingdal N	63	62	875	4.33	21	66	54.2	262	6	10.4	28.7	11.7	1	0.2	-1	10	5	74	40.6	10	7	-5	30
DOB285	Killingdal N	61	71	317	3.39	11	51	28.7	220	-3	11.3	17.7	7.8	1	0.2	-1	10	-5	135	24.6	10	7	-5	20
DOB286	Killingdal N	100	37	257	4.3	26	39	74.3	124	5	8.9	19.9	5.8	1	0.5	-1	10	-5	107	18.1	10	3	-5	23
DOB287	Killingdal N	67	66	764	4.59	20	64	46.1	275	8	14.5	17.5	9.4	1	0.2	-1	10	-5	30	25.6	10	40	-5	37
DOB288	Killingdal N	59	62	596	3.98	20	60	62.8	170	-3	4.6	23.1	9.3	-1	0.2	-1	10	-5	50	32.7	10	7	-5	33
DOB289	Killingdal N	55	37	372	2.57	6	30	38.7	361	3	7	12.7	7.2	1	0.2	-1	10	-5	34	16.2	10	6	-5	9
DOB290	Killingdal N	48	22	423	2.34	21	23	104	340	-3	5.4	7.5	2.8	1	0.2	3	10	-5	31	7.9	10	2	-5	10
	Killingdal N																								
DOB291	Killingdal N	46	48	266	3.6	9	45	85	200	11	4.8	11.6	3.6	-1	0.2	-1	10	-5	27	18.4	10	9	6	31
DOB292	Killingdal N	53	37	357	3.17	11	29	13.9	74.9	-3	6.3	6	2.3	-1	-0.2	-1	-10	5	38	7.7	10	4	-5	19
DOB293	Killingdal N	75	67	495	4.34	20	51	42.3	181	4	5.8	6.3	5.5	-1	-0.2	-1	-10	-5	84	14.6	10	5	-5	30
DOB294	Killingdal N	99	17	385	4.36	12	15	81.7	244	6	6.1	16.3	5.3	-1	-0.2	-1	-10	-5	92	14.2	10	15	-5	26
DOB295	Killingdal N	43	11	331	2.82	7	7	21.7	148	-3	4.8	21.9	5.4	-1	0.2	-1	-10	-5	80	16.1	-10	4	-5	19
DOB296	Killingdal N	186	36	1430	6.74	25	27	84.4	258	-3	6.6	28.7	8.7	8	0.2	-1	-10	-5	200	29.2	-10	7	-5	43
DOB297	Killingdal N	95	26	754	3.02	12	11	47.9	307	3	5	7.3	2.1	2	-0.2	-1	-10	-5	20	2.9	10	9	-5	9
DOB298	Killingdal N	50	44	597	2.84	18	37	82.2	130	-3	8.4	9.8	4.3	2	0.2	-1	10	7	52	13	-10	8	5	13
DOB299	Killingdal N	40	29	289	1.8	13	24	40.9	76.2	-3	5.7	6.3	1.8	-1	-0.2	2	-10	-5	21	9.7	-10	4	-5	8
DOB300	Killingdal N	70	35	230	3.73	6	15	33.1	106	-3	3.2	5.7	5.1	1	-0.2	-1	-10	-5	23	6.2	-10	4	-5	8
DOB301	Killingdal N	64	46	475	4.13	17	44	72.8	153	7	8.1	19.5	6.8	-1	-0.2	-1	-10	-5	51	31.2	-10	10	-5	21
Spl no	**Target**	**V**	**Cr**	**Mn**	**Fe**	**Co**	**Ni**	**Cu**	**Zn**	**As**	**Sr**	**Y**	**Zr**	**Mo**	**Ag**	**Cd**	**Sn**	**Sb**	**Ba**	**La**	**W**	**Pb**	**Bi**	**Li**	**Smpl. ID**	**Au**
		ICP70	ICP70	ICP70	ICP70	ICP7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	SCH Code	FA301
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	An Unit	ppb
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1	Det Lim	1
DOB400	Bonsbudalen	24	32	313	1.41	10	31	46.8	46.3	14	5.4	5.6	4.6	-1	-0.2	-1	-10	-5	29	16.7	-10	8	5	6	DOB400	4
DOB401	Bonsbudalen	20	20	573	16.7	101	42	319	29.7	40	5.5	4.9	6.5	-1	1	9	-10	-5	32	8.6	-10	6	12	-1	DOB401	15
DOB402	Bonsbudalen	22	30	89	1.25	6	30	33.4	31.2	15	6.5	11.7	6.2	-1	-0.2	-1	-10	-5	59	17.5	-10	3	-5	7	DOB402	3
DOB403	Bonsbudalen	25	43	154	1.53	10	49	26.4	33.4	18	8	9.5	8.6	-1	-0.2	-1	-10	-5	47	14.4	-10	3	-5	9		
DOB404	Bonsbudalen	22	39	228	1.39	8	43	22.6	39.7	15	17.7	7.2	6.1	-1	0.2	-1	-10	-5	49	12.5	-10	4	5	9		
DOB405	Bonsbudalen	17	27	251	1.16	7	35	20.6	31	13	20.8	8	6.6	-1	-0.2	-1	-10	-5	42	12.7	-10	-2	-5	5		
DOB406	Bonsbudalen	22	39	198	1.42	10	47	25.6	37.4	15	18.9	8.2	9.1	1	-0.2	1	-10	5	48	14.7	10	5	5	8	DOB406	1
DOB407	Bonsbudalen	16	10	133	16.2	37	7	707	14.2	24	2.7	1.6	5.6	-1	0.9	9	-10	-5	15	9.2	10	5	5	1	DOB407	3

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DOB408	Bønsbudalen	23	44	267	1.57	13	45	36.2	30.9	21	4.5	8	6.6	-1	-0.2	-1	-10	-5	37	14.1	-10	6	-5	6	DOB408	2
DOB409	Bønsbudalen	20	31	204	1.29	8	28	40.7	22.8	19	4.3	7.3	2	-1	-0.2	-1	-10	-5	20	16.8	-10	6	-5	6		
DOB410	Bønsbudalen	33	25	304	2.6	16	30	87	33.4	20	5.5	18.7	8.9	-1	0.2	1	10	-5	78	33.4	10	4	-5	6		
DOB411	Bønsbudalen	30	43	608	2.32	22	52	50	42.7	25	14.4	7.1	3.7	-1	-0.2	1	10	-5	40	9.4	10	-2	-5	10		
DOB412	Bønsbudalen	70	73	202	2.61	17	39	53.8	43.1	29	7.1	16.2	6.7	-1	0.3	-1	10	-5	132	35.4	-10	3	-5	8		
DOB413	Bønsbudalen	32	14	109	1.15	8	14	51.2	36.7	8	7.5	9.5	4	-1	-0.2	1	10	-5	29	15.3	-10	-2	-5	3		
DOB414	Bønsbudalen	23	26	114	1.2	8	29	28.3	26.5	14	6.4	7.5	3.8	-1	-0.2	1	10	-5	72	14.9	-10	3	-5	6		
DOB415	Bønsbudalen	21	28	99	1.15	8	30	26.2	32.3	14	7.1	8.2	6.6	1	0.2	1	10	-5	55	15.8	-10	2	-5	6		
DOB416	Bønsbudalen	24	27	93	0.99	7	14	8.6	23.6	14	4.3	4.7	3.3	-1	-0.2	1	10	-5	53	8.5	-10	3	-5	6		
DOB417	Bønsbudalen	162	41	535	4.62	30	31	46.9	75.9	53	4.6	13.5	3	-1	0.2	1	10	-5	213	16	10	2	-5	10	DOB417	1
DOB418	Bønsbudalen	43	59	334	2.51	14	60	27.9	51.5	31	23.8	13	14.8	-1	0.2	1	10	-5	98	19.3	10	4	-5	14		
DOB419	Bønsbudalen	18	29	202	1.09	8	30	25.6	25.1	12	18.1	7.8	7.8	1	0.2	1	10	-5	39	12.8	10	2	-5	6		
DOB420	Bønsbudalen	24	33	111	1.14	10	38	30.9	29	13	6.6	10.3	7.4	1	0.2	1	10	-5	44	16.5	-10	-2	-5	7		

Spl.no	Target	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li
		ICP70	ICP70	ICP70	ICP70	ICP7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
DOB421	Rensjøen	70	53	381	2.73	19	45	51.1	66.8	28	5.3	21.1	5.4	1	0.7	-1	10	-5	92	32.8	-10	3	-5	12
	Rensjøen																							
DOB422	Rensjøen	30	29	94	1.33	11	30	23.4	32.3	17	6.8	15	1.6	1	0.2	1	10	-5	36	21.2	-10	4	-5	4
DOB423	Rensjøen	74	21	2890	14.5	74	181	285	690	77	1.2	58.1	12	60	0.9	14	10	-5	35	90.7	-10	113	-5	6
DOB424	Rensjøen	56	45	198	2.06	9	21	14.4	37.3	25	3.3	5.8	1.6	1	0.2	-1	10	-5	37	9.6	-10	5	-5	7
DOB425	Rensjøen	135	37	1030	4.35	28	12	22.9	51	48	3.4	6	0.5	-1	0.2	1	10	-5	58	5.8	-10	5	-5	12
	Rensjøen																							
DOB426	Rensjøen	44	53	337	2.4	14	48	23.6	66.3	31	13	11.3	15.4	-1	0.2	-1	10	-5	97	18.6	10	4	-5	14
DOB427	Rensjøen	65	45	1150	2.7	22	33	13.7	39.4	26	1.8	2.8	1.6	1	0.2	1	10	-5	39	5.3	-10	6	-5	8
DOB428	Rensjøen	56	62	251	2.69	16	40	33.8	50.2	61	3.6	9.4	3.4	-1	0.2	1	10	-5	47	14.3	-10	-2	-5	11
DOB429	Rensjøen	76	63	191	2.82	19	44	26	57.4	38	4	12.6	5.8	1	0.2	1	10	-5	50	29.9	10	2	-5	12
	Rensjøen																							
DOB430	Rensjøen	105	29	546	3.33	22	12	48.8	44.2	40	6.4	7.7	1	1	0.2	1	10	-5	78	14.9	10	3	-5	13
DOB431	Rensjøen	51	49	825	2.97	21	45	24.8	70	31	2.4	4.6	2.9	1	0.2	1	10	-5	60	8.1	-10	-2	-5	8
DOB432	Rensjøen	81	74	250	2.54	17	54	24.8	58.1	37	4.2	7.3	1.8	1	0.2	1	10	-5	87	14.6	10	6	-5	13
DOB433	Rensjøen	72	61	245	2.83	17	37	23	54.1	38	2.9	5.6	1.8	1	0.2	-1	10	-5	51	12.2	-10	5	-5	10
DOB434	Rensjøen	59	57	661	2.71	18	43	19.2	48.3	36	3.2	6.7	1.5	1	0.2	1	10	-5	34	8.2	10	9	-5	10
DOB435	Rensjøen	69	58	281	2.58	17	40	51.7	55	34	4.3	11	3.8	1	0.2	1	10	-5	64	14.7	10	3	-5	10
DOB436	Rensjøen	83	67	273	2.93	18	42	39.3	63.3	42	4.5	10.1	3.3	1	0.2	1	10	-5	81	20.8	10	5	-5	11
DOB437	Rensjøen	51	47	190	1.95	12	29	27.5	44.8	26	4.5	8	3	1	0.2	1	10	-5	53	14.5	10	2	-5	13
DOB438	Rensjøen	67	59	588	4.66	23	30	31.6	55.4	37	3.2	12.6	3.3	1	0.2	1	10	-5	70	22	10	4	-5	12

Spl.no	Target	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li
		ICP70	ICP70	ICP70	ICP70	ICP7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
DOB439	Syndre Tverrdrøya	33	16	96	1.32	8	11	32.8	20.4	18	2.4	1.6	0.9	-1	0.2	-1	10	-5	80	7.4	10	-2	-5	5
DOB440	Syndre Tverrdrøya	23	19	87	0.86	6	10	12.2	12.4	9	4	2	0.5	-1	0.2	1	10	-5	76	10.6	10	-2	-5	3
DOB441	Syndre Tverrdrøya	38	63	97	1.22	9	46	41.8	18.2	19	5.5	4.7	3.1	-1	0.2	1	10	-5	96	10.7	10	2	-5	5
DOB442	Syndre Tverrdrøya	23	16	63	0.93	7	9	25	8.1	14	3.8	2.3	2	-1	0.2	1	10	-5	60	14.4	10	-2	-5	3
DOB443	Syndre Tverrdrøya	23	36	100	0.99	16	51	25.7	22.2	14	5.8	3.5	1.8	-1	0.2	-1	10	-5	89	11.8	10	2	-5	4
DOB444	Syndre Tverrdrøya	34	47	170	1.08	11	17	18.4	12.3	13	9	1.7	1.3	-1	0.2	-1	10	-5	107	5.8	10	-2	-5	4
DOB445	Syndre Tverrdrøya	25	3	45	0.48	2	3	33.4	16.1	5	4.8	10	5	1	0.2	1	10	-5	10	20.7	10	-2	-5	1
DOB446	Syndre Tverrdrøya	30	16	402	1.47	14	9	9.8	12.6	17	7.8	4	3.8	-1	0.2	-1	10	-5	24	14.9	10	-2	-5	3
DOB447	Syndre Tverrdrøya	23	52	120	0.95	7	42	15.3	14.5	12	4.9	3	1.4	1	0.5	-1	10	-5	46	6.4	10	-2	-5	3
DOB448	Syndre Tverrdrøya	37	10	156	1.94	12	11	29	14.3	14	1.8	5.2	4.6	-1	0.2	-1	10	-5	10	18.2	10	2	-5	2
DOB449	Syndre Tverrdrøya	20	6	142	0.99	4	4	5.5	7.7	8	4.3	3.3	5.5	-1	0.2	-1	10	-5	21	12.3	10	6	-5	2
DOB450	Syndre Tverrdrøya	48	9	435	1.99	7	9	10.4	16.6	13	4.1	3	0.7	-1	0.2	-1	10	-5	11	1.8	10	-2	-5	3
DOB451	Syndre Tverrdrøya	37	14	80	0.97	8	23	31.8	19.7	15	5.5	6.6	4	-1	0.2	-1	10	-5	69	45.5	10	-2	-5	5
DOB452	Syndre Tverrdrøya	26	18	36	0.73	2	12	5.1	17.4	8	3.4	1.3	4	-1	0.2	-1	10	-5	28	3.9	10	3	-5	1

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DOB453	Syndre Tverrdroya	138	89	246	2.99	19	41	25.4	25.1	40	1.9	12.2	3.8	-1	-0.2	1	10	-5	307	18.4	10	2	5	12
DOB454	Syndre Tverrdroya	88	41	127	3.91	6	6	60	24.7	32	2.2	4.1	3.9	2	-0.2	1	10	-5	113	6.2	-10	3	5	3
DOB455	Syndre Tverrdroya	22	35	79	1.31	9	56	37	30.8	14	5.5	8	4.3	1	-0.2	1	-10	-5	55	18.9	-10	-2	-5	4
DOB456	Syndre Tverrdroya	36	22	241	1.44	16	18	26.4	12.2	17	3.9	4.1	-0.5	-1	-0.2	1	-10	-5	100	26.7	-10	-2	-5	6
DOB457	Syndre Tverrdroya	25	75	113	1.19	9	48	14.7	21.2	13	2.7	2.4	0.7	1	-0.2	-1	10	5	76	14.4	-10	2	5	5
DOB458	Syndre Tverrdroya	57	62	129	1.97	16	68	31.9	65.3	30	5.8	9.1	2.3	1	0.2	1	-10	-5	63	25.2	-10	9	5	11
DOB459	Syndre Tverrdroya	48	129	131	1.66	12	97	8	48	28	6.2	3.4	1.7	1	-0.2	1	-10	-5	130	10.7	-10	2	-5	8
Spl.no	**Target**	**V**	**Cr**	**Mn**	**Fe**	**Co**	**Ni**	**Cu**	**Zn**	**As**	**Sr**	**Y**	**Zr**	**Mo**	**Ag**	**Cd**	**Sn**	**Sb**	**Ba**	**La**	**W**	**Pb**	**Bi**	**Li**
		ICP70	ICP70	ICP70	ICP70	ICP7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
DOB460	Rotjønna	50	54	959	2.33	17	40	44.7	29.6	20	1.9	7.4	-0.5	-1	-0.2	-1	10	-5	40	4.2	-10	2	-5	5
DOB461	Rotjønna	137	11	1060	5.02	35	6	35	64.3	50	7.9	15	3.1	1	-0.2	-1	10	-5	55	23	-10	3	-5	6
DOB462	Rotjønna	30	8	145	2.08	6	7	4.6	19	20	2.4	7.1	1.2	1	-0.2	-1	10	-5	54	6.4	-10	2	-5	7
DOB463	Rotjønna	42	43	182	2.03	11	30	24.1	49	23	6.2	9.7	6.9	-1	-0.2	1	-10	-5	85	17.2	-10	3	-5	11
DOB464	Rotjønna	36	37	140	1.69	11	27	33.7	42.6	22	5.5	14.7	6.1	-1	-0.2	-1	-10	-5	48	13.5	-10	4	-5	9
DOB465	Rotjønna	104	62	228	3.14	20	38	52.4	67.7	38	5.2	10.8	5.3	-1	-0.2	1	-10	-5	104	16.8	10	4	5	12
DOB466	Rotjønna	103	29	176	2.57	15	22	57.7	54.4	32	6.4	16.2	5.7	-1	-0.2	1	-10	5	79	27.2	10	5	5	8
DOB467	Rotjønna	76	37	324	3.1	11	18	12.8	32	28	13.3	3.5	2.3	-1	-0.2	1	-10	5	20	5.6	10	5	5	7
DOB468	Rotjønna	39	44	128	1.63	9	26	19.5	34.8	25	4	7	4.5	-1	-0.2	-1	-10	-5	35	13.5	-10	5	-5	7
	Rotjønna																							
DOB469	Rotjønna	59	34	406	2.58	15	16	31.9	33	32	2.3	6.2	0.9	-1	-0.2	-1	-10	-5	12	9.3	-10	-2	-5	5
DOB470	Rotjønna	84	54	912	2.4	14	17	38.4	29.1	37	2.8	31.4	-0.5	-1	-0.2	1	-10	-5	25	28.8	-10	2	-5	8
DOB471	Rotjønna	64	8	226	3.31	15	8	61.7	34.6	24	0.7	2.8	-0.5	-1	-0.2	-1	-10	-5	71	1.4	-10	-2	-5	5
DOB472	Rotjønna	78	65	479	2.82	21	31	40.6	71.5	39	3.8	13.9	4.2	1	-0.2	1	-10	-5	38	18.4	-10	14	-5	11
DOB473	Rotjønna	123	46	498	3.45	23	21	20	49.8	39	4.7	8.5	0.6	-1	-0.2	-1	10	5	133	5.9	-10	2	-5	9
DOB474	Rotjønna	158	9	501	4.32	17	8	14.6	37.8	81	2.4	7	4.6	-1	-0.2	-1	-10	-5	25	15.6	-10	13	-5	5
DOB475	Rotjønna	44	46	198	1.97	11	31	58.7	53.3	32	5.9	17.6	3.5	1	-0.2	1	-10	-5	86	26.3	10	20	-5	9
	Rotjønna																							
	Rotjønna																							
DOB476	Rotjønna	38	42	129	1.77	9	28	24.2	44.7	29	5.5	7.1	2.7	-1	-0.2	1	-10	-5	109	11.6	-10	2	-5	10
DOB477	Rotjønna	24	36	134	1.45	8	18	6.2	30.9	17	4.5	4.2	2.1	-1	-0.2	-1	-10	-5	32	7.5	-10	13	-5	10
DOB478	Rotjønna	63	41	142	2.33	8	18	1.2	36.1	23	2.3	2.1	3.2	-1	-0.2	-1	-10	-5	15	4.5	-10	3	-5	5
	Rotjønna																							
DOB479	Rotjønna	25	12	138	0.66	3	5	4.5	6.5	6	1.8	1.3	1.5	1	-0.2	-1	10	5	24	3.6	10	7	5	1
DOB480	Rotjønna	87	116	311	3.4	27	54	115	46.4	41	2.3	7.8	0.8	-1	-0.2	-1	10	5	134	12.2	10	-2	-5	12
DOB481	Rotjønna	12	5	142	1.05	7	7	47.8	20.1	10	0.8	7	0.8	-1	-0.2	-1	-10	5	44	5.3	-10	-2	-5	7
DOB482	Rotjønna	41	23	54	0.98	3	7	3.4	12.2	8	1.9	1.1	2.4	-1	-0.2	1	-10	5	19	2.7	10	3	5	2
DOB483	Rotjønna	35	26	97	1.35	7	15	42.4	15.7	15	2.5	6.2	1.7	-1	-0.2	-1	-10	-5	22	7.8	-10	4	-5	4
DOB484	Rotjønna	74	44	149	2.7	10	27	35.6	47.6	33	3.8	5.7	7.1	6	0.2	1	-10	-5	44	8.6	-10	5	5	9
DOB485	Rotjønna	117	12	295	3.94	22	6	6.3	57.8	41	4.3	9	0.8	-1	-0.2	1	-10	5	84	11	10	4	-5	8
DOB486	Rotjønna	56	41	157	2.08	10	28	28.7	51.8	33	5.4	10.5	4.4	-1	-0.2	-1	-10	-5	69	18.8	-10	56	-5	11
DOB487	Rotjønna	94	21	180	3.74	11	7	12.3	37.3	39	5.2	8.2	3.3	-1	-0.2	-1	10	5	50	11.6	10	5	-5	5
DOB488	Rotjønna	52	86	247	2.46	14	49	21.2	43	28	5.6	7.7	2.3	-1	-0.2	-1	-10	-5	113	14.3	10	3	-5	11
DOB489	Rotjønna	77	45	376	2.35	16	22	22.9	28.6	29	4.1	2	-0.5	-1	-0.2	-1	10	5	22	2.6	10	-2	-5	8
DOB490	Rotjønna	183	8	198	3.95	10	7	21.1	58.9	34	1.8	3.2	0.9	-1	-0.2	1	-10	-5	94	4.8	-10	3	5	6
DOB491	Rotjønna	114	56	461	3.86	18	13	20.1	57.6	45	1.4	4	0.8	-1	-0.2	1	-10	-5	63	8.1	10	2	-5	9
DOB492	Rotjønna	101	20	139	2.46	9	9	14.5	35.4	29	2.4	7.3	0.7	-1	-0.2	-1	-10	-5	26	10.4	-10	4	-5	4
DOB493	Rotjønna	73	53	232	2.88	15	25	64	52.7	35	5.5	10	2.7	-1	-0.2	-1	-10	-5	110	12.8	-10	3	-5	8
DOB494	Rotjønna	202	48	497	5.75	111	21	18	92.4	64	8.3	11.6	1.1	1	-0.2	-1	-10	-5	275	17.7	10	-2	5	15
DOB495	Rotjønna	27	21	55	1.05	2	7	8.7	10.6	14	2.2	2.8	3.4	-1	-0.2	-1	10	5	20	10.6	10	6	-5	2
DOB496	Rotjønna	119	124	847	3.08	28	26	59.4	38	43	4.1	12.3	-0.5	-1	-0.2	-1	-10	5	43	10.6	10	2	-5	5
DOB497	Rotjønna	114	67	560	3.1	22	21	23.2	34.5	41	5.3	6.8	1.1	-1	-0.2	1	10	5	158	14.6	-10	-2	-5	11
DOB498	Rotjønna	47	46	336	2.35	13	22	19.4	34.9	26	3.2	3.5	2.3	-1	-0.2	-1	-10	-5	21	5.1	10	-2	-5	10
DOB499	Rotjønna	96	9	1240	3.17	25	11	67	46.9	28	1.6	3.8	-0.5	-1	-0.2	-1	-10	-5	24	1.2	-10	3	-5	10
DOB500	Rotjønna	142	25	275	5.2	11	12	8.4	39.7	8	2.3	2.2	4.6	1	-0.2	1	-10	-5	30	5.8	-10	2	-5	13
DOB501	Rotjønna	216	1	691	5.24	24	5	27.9	72.9	-3	1.6	5.3	3.9	-1	-0.2	-1	-10	-5	18	2	-10	7	-5	12

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DOB502	Rotjønna	8	4	113	3.06	1	4	4.2	28.6	3	0.6	0.5	2.2	-1	-0.2	-1	-10	-5	172	-0.5	-10	-2	-5	6
DOB503	Rotjønna	158	34	1770	9.22	38	21	154	127	52	5.5	11.3	7.4	10	0.5	-1	-10	-5	62	7.7	26	23	6	7
DOB504	Rotjønna	86	40	299	3.21	14	51	51.7	86.7	11	9.4	29.9	4	1	-0.2	1	-10	-5	37	24.6	-10	10	-5	13
DOB505	Rotjønna	110	16	259	7.57	11	12	24.8	104	46	4.1	29.4	9.1	11	-0.2	1	-10	-5	45	22.2	-10	14	-5	2
DOB506	Rotjønna	960	66	276	3.96	16	85	184	150	6	5.2	24.9	6.2	45	0.3	-1	-10	5	174	19.1	-10	24	5	12
	Rotjønna																							
DOB507	Rotjønna	53	43	385	2.11	8	25	34.2	51.7	6	7.9	10.3	2.9	1	-0.2	-1	-10	-5	78	15.5	-10	5	-5	11
Spl.no	**Target**	**V**	**Cr**	**Mn**	**Fe**	**Co**	**Ni**	**Cu**	**Zn**	**As**	**Sr**	**Y**	**Zr**	**Mo**	**Ag**	**Cd**	**Sn**	**Sb**	**Ba**	**La**	**W**	**Pb**	**Bi**	**Li**
		ICP70	ICP70	ICP70	ICP70	ICP7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
DOB508	Moavollan	12	21	216	0.91	6	98	21.9	12.5	9	9.5	6.8	3.9	-1	-0.2	-1	10	5	24	12.1	-10	2	-5	1
DOB509	Moavollan	28	31	267	1.54	8	47	33.9	27.8	4	13.3	5.8	4.6	1	-0.2	3	10	8	60	14	-10	-2	-5	4
DOB510	Moavollan	30	35	408	1.9	16	64	58.5	34.1	4	5.9	8.2	5.9	1	-0.2	1	10	-5	70	30.2	-10	5	-5	10
DOB511	Moavollan	81	48	40	1.54	-1	19	1.9	12.5	21	3.4	6.1	10.2	2	-0.2	1	10	5	61	16.8	-10	-2	-5	5
DOB512	Moavollan	17	33	210	1	7	69	19.2	13.5	16	13.3	5.5	5.3	-1	0.3	-1	10	5	42	11.3	-10	3	-5	-1
DOB513	Moavollan	13	6	36	0.47	-1	3	42.3	2.6	17	2.7	3	5.9	-1	-0.2	-1	10	5	6	8.2	-10	-2	-5	-1
DOB514	Moavollan	119	244	617	4.74	37	258	63	226	10	2.9	17	4.6	1	0.7	1	10	5	369	28.4	-10	10	-5	13
DOB515	Moavollan	49	197	141	2.44	20	109	5.6	36.6	5	8.9	4.1	0.6	-1	-0.2	-1	10	-5	66	12.8	-10	5	5	9
DOB516	Moavollan	14	25	170	0.99	11	61	17.7	17.3	14	11.5	5.7	7	1	-0.2	1	10	5	41	8.5	-10	-2	5	1
DOB517	Moavollan	21	31	153	1.22	4	65	23.4	15.5	9	10	4.9	8.4	1	0.7	1	10	5	76	13.6	-10	-2	-5	2
DOB518	Moavollan	32	43	70	1.14	-1	37	14.5	11.3	5	3.3	9.2	5.1	1	-0.2	-1	10	-5	99	12.7	-10	-2	-5	5
DOB519	Moavollan	30	15	588	2.1	5	10	4.2	10.6	8	5.6	2.5	2.7	2	-0.2	-1	10	5	42	5.2	-10	9	-5	-1
DOB520	Moavollan	12	8	73	0.78	3	7	7.7	5.5	11	9.2	6.7	4.1	2	-0.2	-1	10	5	53	69.5	-10	4	-5	2
DOB521	Moavollan	36	48	217	2.54	10	55	16.1	46.9	27	5	7.8	4.1	1	-0.2	1	10	5	41	15.2	-10	7	5	13
DOB522	Moavollan	52	25	311	2.27	18	57	21.6	37.8	24	14.6	5	4.3	1	-0.2	-1	10	5	86	7.6	-10	3	5	13
DOB523	Moavollan	25	46	221	1.32	11	77	23.4	19.6	16	12.5	6.9	4.4	1	-0.2	1	10	5	78	11.6	-10	5	5	4
Spl.no	**Target**	**V**	**Cr**	**Mn**	**Fe**	**Co**	**Ni**	**Cu**	**Zn**	**As**	**Sr**	**Y**	**Zr**	**Mo**	**Ag**	**Cd**	**Sn**	**Sb**	**Ba**	**La**	**W**	**Pb**	**Bi**	**Li**
		ICP70	ICP70	ICP70	ICP70	ICP7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
DOB524	Almåsen	31	41	102	1.17	9	40	39.6	22.6	16	4.8	5.6	4	1	-0.2	1	10	5	44	15.7	-10	4	-5	4
DOB525	Almåsen	18	43	41	0.44	3	11	13	12.2	9	3.3	2.8	2.5	1	-0.2	1	10	-5	14	5.9	-10	2	-5	2
DOB526	Almåsen	27	24	68	1.01	4	10	4.2	11.4	19	3.1	1.9	3.1	1	-0.2	1	10	-5	36	5.3	-10	6	-5	3
DOB527	Almåsen	24	23	48	0.67	1	13	15.9	10.6	10	3	1.5	1.5	1	-0.2	1	10	-5	12	5.1	-10	2	-5	3
DOB528	Almåsen	43	20	57	4.39	5	19	26.4	9.3	25	7.2	6.8	2.3	2	0.3	1	10	-5	22	11.2	-10	10	-5	3
DOB529	Almåsen	26	40	104	0.94	16	56	39.5	17.3	18	4.5	6.2	3.5	1	-0.2	1	10	-5	42	12.1	-10	3	-5	3
DOB530	Almåsen	34	80	143	1.44	10	47	22.4	61.9	24	5.3	7.2	4.8	3	-0.2	-1	10	5	57	22	-10	4	-5	6
DOB531	Almåsen	65	9	68	1.55	3	5	38.2	12	16	3.3	2.8	2.5	1	-0.2	1	10	5	50	6.8	-10	4	-5	3
DOB532	Almåsen	25	9	2160	1.25	38	20	39.6	15	12	5.1	2.2	4.1	-1	-0.2	-1	-10	5	30	3.8	-10	-2	-5	4
DOB533	Almåsen	200	158	247	3.43	26	128	118	55.9	68	10.6	18.9	12.5	14	-0.2	-1	10	5	35	28.5	-10	13	-5	8
DOB534	Almåsen	29	63	132	1.3	13	59	45.5	17	22	6.7	6.4	5.6	1	-0.2	-1	-10	-5	14	16.6	-10	4	-5	5
DOB535	Almåsen	30	42	117	1.34	11	50	35.1	25.1	20	5.5	6.1	6.9	-1	-0.2	-1	-10	5	96	15.8	-10	5	-5	6
DOB536	Almåsen	24	24	4930	2.65	174	59	124	13.6	46	25.8	3.8	2.2	-1	-0.2	1	10	5	70	5.1	-10	3	-5	9
	Almåsen																							
DOB537	Almåsen	44	52	108	1.41	7	27	15.2	25.1	27	4	4.7	3.7	1	-0.2	-1	10	5	44	14.8	-10	4	-5	6
	Almåsen																							
DOB538	Almåsen	176	216	343	4.92	43	133	101	71.9	63	7.1	9.6	17	16	0.2	-1	-10	-5	7	16.7	-10	7	-5	11
DOB539	Almåsen	25	166	126	1.5	15	76	9	20.9	31	3.3	2.4	2.2	1	-0.2	1	10	5	138	7.7	-10	-2	-5	4
DOB540	Almåsen	33	49	419	1.85	14	29	11	12.9	19	15.3	1.8	3.3	-1	-0.2	-1	-10	-5	12	4.9	-10	-2	-5	4
Spl.no	**Target**	**V**	**Cr**	**Mn**	**Fe**	**Co**	**Ni**	**Cu**	**Zn**	**As**	**Sr**	**Y**	**Zr**	**Mo**	**Ag**	**Cd**	**Sn**	**Sb**	**Ba**	**La**	**W**	**Pb**	**Bi**	**Li**
		ICP70	ICP70	ICP70	ICP70	ICP7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
DOB541	Litterena	17	35	230	1.22	8	73	21.6	27	13	17.6	5.7	5.6	-1	-0.2	-1	-10	-5	41	10.4	-10	6	-5	4

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Killingdal-Menna ore fields

DOB542	Litlerena	45	55	407	2.21	18	120	19.7	37.6	23	10	8.3	4.7	-1	-0.2	-1	-10	-5	143	12.1	-10	4	-5	8
DOB543	Litlerena	26	51	505	1.78	17	143	30.7	29	16	5.9	10.3	6.9	-1	-0.2	-1	-10	-5	74	15.6	-10	7	-5	5
DOB544	Litlerena	31	33	314	1.84	11	60	32.1	26	21	4.7	10.3	6.2	2	-0.2	-1	-10	-5	111	25.3	-10	6	-5	5
DOB545	Litlerena	23	53	333	1.81	19	227	21.5	32.1	17	9.7	6.7	8.3	1	0.2	-1	-10	-5	73	12.7	-10	10	-5	7
DOB546	Litlerena	28	48	457	1.86	16	176	27.9	34	22	6.2	9.6	9.3	1	0.2	-1	-10	-5	75	15	-10	11	-5	6
DOB547	Litlerena	37	35	127	1.83	7	27	12.6	14.4	22	3.4	2.9	3.2	1	-0.2	-1	-10	-5	30	5.3	-10	7	-5	4
DOB548	Litlerena	26	51	379	1.78	14	116	23.6	34.5	25	6.2	8.2	9.7	2	-0.2	-1	-10	-5	96	14.5	-10	8	-5	7
DOB549	Litlerena	23	35	267	1.41	12	62	33.6	20.2	24	4	6.4	6	-1	0.2	-1	-10	-5	29	13.4	-10	9	-5	5
DOB550	Litlerena	26	50	409	1.67	14	123	24.3	26.2	17	5.1	7.6	6.1	1	0.2	-1	-10	-5	52	13.3	-10	9	-5	6
DOB551	Litlerena	31	51	129	1.55	14	94	36.9	27.8	19	4.5	7.1	5.2	-1	0.2	-1	-10	-5	70	10.3	-10	6	-5	5
DOB552	Litlerena	30	40	73	1.14	4	29	15.9	15.9	20	3.5	4.3	3.3	-1	0.2	-1	-10	-5	20	9	-10	6	-5	4
DOB553	Litlerena	24	54	164	1.46	15	186	53.2	35.5	15	5.1	5.7	6.3	1	0.2	-1	-10	-5	50	11.8	-10	9	-5	5
DOB554	Litlerena	38	96	227	2.5	24	224	28.3	45.9	23	6	6.2	4.4	1	0.2	-1	-10	-5	100	9.2	-10	8	-5	8
DOB555	Litlerena	11	23	96	0.85	9	119	18.1	14.2	8	3.7	4.4	4.4	-1	0.2	-1	-10	-5	32	7.6	-10	5	-5	2
	Litlerena																							
DOB556	Litlerena	36	66	188	1.88	14	122	32.5	33.5	19	6	8.5	6.2	-1	0.2	-1	-10	-5	73	14.1	-10	9	-5	6
DOB557	Litlerena	24	44	350	1.62	14	128	26.9	27.1	18	5.6	7.2	6.4	1	0.2	-1	-10	-5	73	13.4	-10	11	-5	6
DOB558	Litlerena	19	39	310	1.41	13	141	29.6	26.3	14	17.7	5.4	4.9	2	0.2	-1	-10	-5	46	9.3	-10	7	-5	5
DOB559	Litlerena	19	25	70	0.75	5	30	45.4	19.7	8	6.4	7	2.6	2	0.2	-1	-10	-5	39	22.3	-10	5	-5	4
DOB560	Litlerena	18	33	119	1.29	13	149	23.8	29.7	11	4.7	6.1	5.8	1	0.2	-1	-10	-5	31	11.2	-10	11	-5	4
DOB561	Litlerena	35	55	361	1.92	13	78	34.8	30.6	28	4.5	13.7	6.6	1	0.2	-1	-10	-5	60	26	-10	6	-5	8
DOB562	Litlerena	51	30	267	2.17	13	40	41.7	27.2	32	3.8	27.1	7.8	1	0.2	-1	-10	-5	60	48.6	-10	3	-5	7
DOB563	Litlerena	20	50	312	1.64	14	121	23.5	24.5	15	5.3	8	7.9	-1	0.2	-1	-10	-5	62	14.1	-10	9	-5	6
Spl.no	**Target**	**V**	**Cr**	**Mn**	**Fe**	**Co**	**Ni**	**Cu**	**Zn**	**As**	**Sr**	**Y**	**Zr**	**Mo**	**Ag**	**Cd**	**Sn**	**Sb**	**Ba**	**La**	**W**	**Pb**	**Bi**	**Li**
		ICP70	ICP70	ICP70	ICP70	ICP7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
DOB564	Sandbekken	37	55	673	2.06	26	94	28.9	27.7	23	5.3	10.1	2.6	3	-0.2	-1	-10	-5	46	16.8	-10	9	-5	13
DOB565	Sandbekken	35	49	169	1.46	15	94	37.8	22	20	4.6	8.6	5.6	-1	-0.2	-1	-10	-5	52	16.8	-10	7	-5	4
DOB566	Sandbekken	20	39	132	0.94	12	110	31	19.3	14	5.8	7.8	5.5	1	-0.2	-1	-10	-5	42	14.5	-10	5	-5	3
DOB567	Sandbekken	31	35	315	1.6	11	95	33.7	25	16	7.2	8.9	5.2	-1	-0.2	-1	-10	-5	89	15.4	-10	4	-5	4
DOB568	Sandbekken	22	29	258	1.28	12	71	34.3	18	10	6.3	8.6	4.9	-1	-0.2	-1	-10	-5	47	14.3	-10	4	-5	3
	Sandbekken																							
DOB569	Sandbekken	62	26	174	2.18	11	38	85.1	40.3	25	19.4	11.5	3.8	2	0.2	-1	-10	-5	218	49.9	-10	5	-5	6
DOB570	Sandbekken	48	72	135	2.71	3	21	24.4	40.1	36	1.9	14	4.2	3	-0.2	-1	-10	-5	34	33.6	-10	6	-5	13
	Sandbekken																							
DOB571	Sandbekken	49	66	1870	3.13	30	149	46.6	27.8	24	5.7	11	4.3	1	-0.2	-1	-10	-5	201	17.3	-10	6	-5	4
DOB572	Sandbekken	64	22	54	2.09	3	7	2.5	7	13	3.3	1.3	6	-1	-0.2	-1	-10	-5	12	1.8	-10	7	-5	-1
DOB573	Sandbekken	25	29	237	1.31	10	39	21.8	15.6	19	4.6	6.5	4.3	-1	-0.2	-1	-10	-5	28	16.8	-10	6	-5	3
DOB574	Sandbekken	42	31	116	1.84	6	26	12.3	16.9	19	4.5	3.6	3.7	-1	0.3	-1	-10	-5	22	6.6	-10	7	-5	2
DOB575	Sandbekken	28	66	111	1.52	10	81	21.2	32.2	21	5.5	9.6	7.1	2	-0.2	-1	-10	-5	54	18.2	-10	10	-5	9
	Sandbekken																							
DOB576	Sandbekken	144	188	629	5.44	36	181	19.3	68.5	83	9.9	23.5	8.3	-1	-0.2	-1	-10	-5	497	48.5	-10	3	-5	51
DOB577	Sandbekken	31	41	112	1.29	9	33	36.1	23.7	22	6.1	9.1	5.5	1	-0.2	-1	-10	-5	81	30.8	-10	3	-5	7
DOB578	Sandbekken	51	94	107	1.81	16	81	63.1	15.3	27	3.8	8.2	5.3	-1	-0.2	-1	-10	-5	109	15.2	-10	5	-5	6
DOB579	Sandbekken	54	113	116	1.81	20	135	63.3	20.4	33	4.6	19.7	7	3	-0.2	-1	-10	-5	108	43.7	-10	5	-5	7
DOB580	Sandbekken	130	47	205	3.06	19	40	37.1	148	40	4.1	11.7	5.9	2	-0.2	-1	-10	-5	595	20.1	-10	5	-5	8
DOB581	Sandbekken	33	15	202	1.28	9	9	6.8	10.8	18	14.3	9	6.6	1	-0.2	-1	-10	-5	105	42.8	-10	3	-5	2
Spl.no	**Target**	**V**	**Cr**	**Mn**	**Fe**	**Co**	**Ni**	**Cu**	**Zn**	**As**	**Sr**	**Y**	**Zr**	**Mo**	**Ag**	**Cd**	**Sn**	**Sb**	**Ba**	**La**	**W**	**Pb**	**Bi**	**Li**
		ICP70	ICP70	ICP70	ICP70	ICP7	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
DOB582	Andåa	187	28	30	3.05	3	3	2.8	4.6	26	2.1	2.1	5.2	-1	0.2	-1	-10	-5	8	3.5	-10	7	-5	-1
DOB583	Andåa	51	35	509	2.01	11	14	15.3	23.6	18	3.2	3.5	1.8	2	-0.2	-1	-10	-5	44	5.1	-10	5	-5	10
DOB584	Andåa	65	30	463	2.41	20	31	74.7	31.6	35	4.3	11	8	2	0.5	-1	-10	-5	136	45.6	-10	4	-5	7
DOB585	Andåa	46	41	292	2.18	11	24	18.7	35.6	39	4.6	6.2	4.1	2	-0.2	-1	-10	-5	24	9.1	-10	11	-5	11

2001 DOB results
Killingdal-Menna ore fields

DOB586	Andåa	45	24	212	2.36	5	10	11.1	36.5	45	2.5	4.3	3.6	1	-0.2	-1	-10	-5	13	5.1	-10	9	-5	5
DOB587	Andåa	116	73	225	7.17	8	14	38.4	54.3	34	0.8	3.3	3.5	10	0.2	-1	-10	-5	7	-0.5	-10	13	-5	3
DOB588	Andåa	119	178	946	3.8	28	53	89.3	53.1	41	2.2	7.8	1.4	1	0.2	-1	-10	-5	45	4.8	-10	2	-5	25
DOB589	Andåa	42	20	107	1.36	10	17	43.4	38.3	19	13.2	19.5	4.5	2	-0.2	-1	-10	-5	75	35.5	-10	5	-5	7
DOB590	Andåa	27	57	612	1.4	18	19	60.2	17.3	41	3.5	7.3	1.3	-1	-0.2	1	-10	-5	22	10.7	-10	2	-5	10
DOB591	Andåa	49	36	545	2.07	18	20	39.4	25.4	28	6.4	4.9	3.2	-1	-0.2	1	-10	-5	134	8	-10	3	-5	13
DOB592	Andåa	43	37	345	1.76	14	25	14	25	27	7	8.1	2.9	1	-0.2	-1	10	-5	206	16	-10	2	-5	12
DOB593	Andåa	94	16	390	3.4	25	7	132	40.8	36	4.7	10.4	3.9	2	-0.2	1	10	-5	139	39	-10	3	-5	13
DOB594	Andåa	93	7	352	2.98	23	10	61.2	38.7	33	5.6	16.1	6.2	1	-0.2	-1	-10	-5	313	50.9	-10	-2	-5	16
DOB595	Andåa	33	66	302	1.82	15	25	54.2	19.9	28	2.2	1.9	1.4	1	-0.2	1	10	-5	54	1.8	10	3	-5	15
DOB596	Andåa	9	3	92	0.76	-1	-1	3.2	12.2	9	-0.5	0.6	2	-1	-0.2	-1	10	-5	6	0.6	-10	-2	-5	1
DOB597	Andåa	61	14	340	2.23	20	15	59.8	36	19	5.1	15.2	6.7	1	0.2	1	-10	-5	68	52	-10	3	-5	15
DOB598	Andåa	55	79	472	2.23	18	44	55.3	27.5	15	2.5	2.4	1	2	-0.2	1	10	-5	73	4.2	-10	-2	-5	6
DOB599	Andåa	79	121	135	2.89	22	44	91.3	46.6	38	2.8	3.9	3.2	-1	0.4	-1	-10	-5	227	8.8	-10	7	-5	13
DOB600	Andåa	88	33	1090	2.83	20	25	38.1	41.3	33	7.1	11.4	3.8	1	0.2	-1	10	-5	264	22.1	-10	4	-5	17
DOB601	Andåa	54	39	66	1.55	4	11	8.6	13.2	15	0.9	1	1	-1	0.2	-1	-10	-5	9	-0.5	-10	5	-5	2
DOB602	Andåa	46	79	540	2.4	12	23	48.4	18.9	35	2.1	3.6	1.9	-1	0.2	1	-10	-5	37	4	-10	5	-5	16

Svartbekken DOB results 2000

Sample Ident	District	Prospect	Prosp no	Grid N	Grid E	UTM E	UTM N	Depth	Description	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr
Scheme Code										ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Analysis Unit										ppm	%	%	%	%	%	%	ppm	%	ppm	ppm
Detection Limit										0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1
SB001	Holtålen	Svartbekken	151	10300N	10425E			2.2	light grey silt	-0.5	-0.01	1.09	0.9	0.04	0.26	0.38	2.4	0.04	22	37
SB002	Holtålen	Svartbekken	151	10300N	10450E			2.9	light grey silt	-0.5	-0.01	0.92	0.73	0.04	0.22	1.03	1.9	0.03	17	31
SB003	Holtålen	Svartbekken	151	10300N	10462.5E			3.5	light grey silt with small rock fragm.	-0.5	-0.01	0.87	1.11	0.04	0.37	0.91	2.5	0.05	25	38
SB004	Holtålen	Svartbekken	151	10300N	10475E			2.6	light brown silt with endplug of qtzitic greywacke	-0.5	-0.01	0.64	0.92	0.04	0.21	0.12	2.3	0.04	21	34
SB005	Holtålen	Svartbekken	151	10300N	10487.5E			2.6	light brown silt	-0.5	-0.01	0.8	1.11	0.05	0.29	0.16	2.6	0.04	24	41
SB006	Holtålen	Svartbekken	151	10300N	10500E			3.2	light grey silt	-0.5	-0.01	0.24	0.35	0.03	0.11	0.11	0.9	0.02	7	14
SB007	Holtålen	Svartbekken	151	10300N	10535E			0.9	grey-brown silt+rock matr (prob. stop at boulder)	-0.5	-0.01	1.29	1.79	0.06	0.34	0.17	3.6	0.09	46	69
SB008	Holtålen	Svartbekken	151	10400N	10575E			1.1	greybrown silt with fragm. of chloritic sch (stop at boulder?)	-0.5	-0.01	1.15	1.72	0.06	0.27	0.18	3.9	0.08	43	61
SB009	Holtålen	Svartbekken	151	10400N	10525E			3.5	bluegrey silt	-0.5	-0.01	0.65	0.82	0.03	0.3	0.98	1.4	0.03	15	26
SB010	Holtålen	Svartbekken	151	10400N	10500E			3.8	bluegrey silt	-0.5	-0.01	0.65	0.73	0.03	0.25	0.55	1.4	0.03	15	25
SB011	Holtålen	Svartbekken	151	10400N	10487.5E			5.3	bluegrey silt and clay	-0.5	-0.01	0.94	1.05	0.04	0.35	0.49	2.3	0.04	24	37
SB012	Holtålen	Svartbekken	151	10400N	10475E			5.4	bluegrey silt+mica sch plug	-0.5	-0.01	0.56	0.79	0.05	0.19	0.15	2.3	0.04	20	32
SB013	Holtålen	Svartbekken	151	10400N	10450E			4.8	bluegrey silt	-0.5	-0.01	0.74	0.85	0.05	0.28	0.24	2.1	0.04	20	32
SB014	Holtålen	Svartbekken	151	10400N	10400E			3.4	bluegrey silt+rockfragm. at end of white qtz(ite?)	-0.5	-0.01	1.33	0.84	0.05	0.27	1.03	2.2	0.03	19	39
SB015	Holtålen	Svartbekken	151	10500N	10400E			3.5	light grey silt/sand, few frag. of sch	-0.5	-0.01	0.65	0.75	0.04	0.24	0.41	1.9	0.04	20	31
SB016	Holtålen	Svartbekken	151	10500N	10450E			1.8	bluegrey to browngrey silt+fragm of qtzitic mica sch	0.5	-0.01	0.98	1.28	0.06	0.37	0.2	3.6	0.06	34	47
SB017	Holtålen	Svartbekken	151	10500N	10475E			2.5	bluegrey silt	-0.5	-0.01	1.25	1.56	0.04	0.52	1.06	3.1	0.06	34	49
SB018	Holtålen	Svartbekken	151	10500N	10487.5E			1.8	greybrown toredbrown (weakly rusty) silt+rockmatr+partly rusty chl sch fragm	0.5	-0.01	1.13	1.44	0.06	0.47	0.19	4.6	0.07	37	55
SB019	Holtålen	Svartbekken	151	10500N	10500E			2.5	greybrown silt with fragm. of chloritic sch+qtz	-0.5	-0.01	0.77	0.99	0.06	0.24	0.26	3.8	0.04	27	36
SB020	Holtålen	Svartbekken	151	10500N	10512.5E			2.6	lightbrown+bluegrey silt	-0.5	-0.01	0.52	0.72	0.06	0.15	0.16	2.2	0.03	17	24
SB021	Holtålen	Svartbekken	151	10500N	10525E			1.6	lightbrown silt+qtzitic plug	-0.5	-0.01	0.95	1.37	0.06	0.26	0.16	5.1	0.05	33	43
SB022	Holtålen	Svartbekken	151	10500N	10550E			2.5	lightbrown silt+chl sch fragm and plug of greenish sch.	-0.5	-0.01	0.64	0.92	0.07	0.17	0.16	3.8	0.04	22	29
SB023	Holtålen	Svartbekken	151	10500N	10600E			1.5	lightbrown silt+sch fragm.	-0.5	-0.01	0.75	1.03	0.07	0.18	0.19	3.3	0.04	25	36
SB024	Holtålen	Svartbekken	151	10600N	10625E			1.2	lightbrown silt+fragm of calc mica sch+plug of qtzitic sch	1.3	-0.01	0.83	1.2	0.06	0.31	0.16	3.9	0.06	29	50
SB025	Holtålen	Svartbekken	151	10600N	10575E			1.4	lightbrown-lightgrey silt and micarich matr+fragm of qtzite and sch	0.5	-0.01	1.14	1.59	0.06	0.5	0.17	4.6	0.09	41	62
SB026	Holtålen	Svartbekken	151	10600N	10550E			2.8	light browngrey silt+chloritic mica sch fragm	0.5	-0.01	0.72	0.91	0.05	0.22	0.15	2.4	0.04	23	35
SB027	Holtålen	Svartbekken	151	10600N	10537.5E			1.5	browngrey silt+chl sch fragm	0.5	-0.01	1.15	1.48	0.07	0.6	0.22	5.4	0.08	44	71
SB028	Holtålen	Svartbekken	151	10600N	10525E			4.5	light brownish grey silt+qtzite plug	-0.5	-0.01	0.54	0.69	0.04	0.2	0.15	1.8	0.03	16	25
SB029	Holtålen	Svartbekken	151	10600N	10512.5E			4	light brownish grey silt	-0.5	-0.01	0.38	0.54	0.05	0.16	0.16	1.5	0.03	12	19
SB030	Holtålen	Svartbekken	151	10600N	10500E			3.5	light bluegrey silt	-0.5	-0.01	0.58	0.72	0.04	0.21	0.41	1.8	0.03	17	26
SB031	Holtålen	Svartbekken	151	10600N	10475E			3	light bluegrey silt	-0.5	-0.01	0.61	0.7	0.05	0.21	0.57	2	0.03	17	29
SB032	Holtålen	Svartbekken	151	10600N	10425E			3.2	brownish silt+chl sch matr+minor humus	-0.5	-0.01	0.72	0.94	0.04	0.3	0.85	2.2	0.04	22	32
SB033	Holtålen	Svartbekken	151	10700N	10425E			3.7	bluegrey silt	-0.5	-0.01	1.07	1.33	0.06	0.57	0.17	4	0.08	39	57
SB034	Holtålen	Svartbekken	151	10700N	10475E			3.9	dark greyblue silt	-0.5	-0.01	1.36	1.43	0.07	0.31	0.96	3.8	0.06	40	66
SB035	Holtålen	Svartbekken	151	10700N	10500E			3.6	dark greyblue silt with sch (phyllite?) fragm	-0.5	-0.01	1.7	1.78	0.06	0.3	0.16	4.6	0.06	48	90
SB036	Holtålen	Svartbekken	151	10700N	10512.5E			4.3	dark greyblue silt with sch fragm+brown silt	-0.5	-0.01	2.58	2.51	0.05	0.22	0.08	4.9	0.03	60	230
SB037	Holtålen	Svartbekken	151	10700N	10525E			3.5	dark bluegrey silt	-0.5	-0.01	1.89	1.91	0.06	0.35	0.15	4.7	0.05	52	155
SB038	Holtålen	Svartbekken	151	10700N	10537.5E			3.1	dark grey silt with fragm of dark grey phyllite with traces of po	-0.5	-0.01	2.5	2.19	0.05	0.12	0.13	3.9	0.01	60	163
SB039	Holtålen	Svartbekken	151	10700N	10550E			1.5	dark grey to black silt with fragm of dark phyllite+qtz, traces of po at contact	-0.5	-0.01	2.11	2.11	0.05	0.1	0.18	4.9	0.06	57	168
SB040	Holtålen	Svartbekken	151	10700N	10575E			1.7	brown silt+hydr. qtz plug	-0.5	-0.01	0.94	1.4	0.07	0.3	0.17	4.3	0.06	34	52
SB041	Holtålen	Svartbekken	151	10700N	10625E			1.5	light greybrown silt with chl mica sch plug	-0.5	-0.01	1.01	1.51	0.06	0.5	0.14	5	0.09	44	70
SB042	Holtålen	Svartbekken	151	10800N	10575E			1.7	light greybrown silt+fragm of graphitebearing phyllite	0.8	-0.01	1.46	1.93	0.07	0.14	0.26	12.5	0.21	109	82
SB043	Holtålen	Svartbekken	151	10800N	10550E			1.7	dark grey silt (weakly graphitic)+ minor rustybrown matr	0.7	-0.01	2.64	2.67	0.05	0.08	0.13	6.1	0.15	70	286
SB044	Holtålen	Svartbekken	151	10800N	10537.5E			0.9	dark grey silt (weakly graphitic)+ minor rustybrown matr	0.7	-0.01	1.12	1.52	0.05	0.13	0.11	3.1	0.03	40	58
SB045	Holtålen	Svartbekken	151	10800N	10525E			2.3	rustybrown silt+(graphitic) phyllite matr	0.5	-0.01	2.1	2.11	0.04	0.4	0.09	6.7	0.04	67	415
SB046	Holtålen	Svartbekken	151	10800N	10500E			4.2	greybrown silt+chloritic mica sch matr	0.5	-0.01	2.33	2.29	0.05	0.33	0.1	4.7	0.04	58	162
SB047	Holtålen	Svartbekken	151	10800N	10450E			1.8	dark grey+minor brown silt	-0.5	0.01	1.32	1.57	0.05	0.15	0.09	3.2	0.05	43	90

Prepared by Bernt Rosholt12/27/01

Encl. no 7

Svartbekken DOB results 2000

Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Br	Au	Na	Ca	Sc	Cr	Fe	Co	Ni	Zn	As	Se	Br	Rb
ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS
ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	5	500	1	1	10	0.1	5	100	50	2	5	1	30
153	1.46	14	122	21.7	32.5	-3	10	8.7	8.8	-1	-0.2	-1	-10	-5	46	16.9	-10	5	-5	-5	11000	1	9	130	2.1	15	-100	-50	-2	-5	1	69
219	1.3	9	100	19.2	29.9	-3	17.2	6.7	7.4	-1	-0.2	-1	-10	-5	41	15.1	-10	6	-5	-5	10000	1	8	120	1.9	12	-100	98	-2	-5	-1	33
269	1.68	10	52	20.8	37.4	-3	20	8	11	-1	-0.2	-1	-10	-5	80	17	-10	8	-5	-5	11000	2	9	99	2.3	11	-100	-50	-2	-5	-1	80
278	1.43	7	47	19.5	28.4	-3	6.2	7.6	8.4	-1	-0.2	-1	-10	-5	51	14.3	-10	7	-5	-5	11000	-1	8	110	2	10	-100	-50	-2	-5	-1	50
272	1.68	9	55	21.3	40.1	-3	7.8	8.6	12.4	-1	-0.2	-1	-10	-5	67	17.9	-10	7	-5	-5	10000	-1	9	96	2.2	11	-100	-50	-2	-5	1	65
109	0.56	3	25	10.5	11	-3	4.9	4.9	6.9	-1	-0.2	-1	-10	-5	24	9.7	-10	4	-5	-5	7200	-1	4	41	0.9	-5	-100	-50	-2	-5	-1	52
525	2.79	14	56	15.6	48.9	-3	5.9	5.2	3	-1	-0.2	-1	-10	-5	36	9.6	-10	6	-5	-5	16000	1	12	160	3.5	20	-100	-50	-2	-5	10	46
329	2.5	13	48	27.6	46.5	-3	8.9	7.1	2.9	-1	-0.2	-1	-10	-5	37	18.8	-10	4	-5	-5	16000	-1	13	110	3.3	17	-100	-50	-2	-5	14	54
213	1.15	7	38	17.8	24.2	-3	15.4	7	14.2	-1	-0.2	-1	-10	-5	81	15.1	-10	6	-5	-5	6900	-1	6	66	1.7	8	-100	-50	-2	-5	-1	89
186	1.12	5	40	16.4	22.9	-3	13.9	6.5	10.9	-1	-0.2	-1	-10	-5	50	13.5	-10	4	-5	-5	7900	1	6	74	1.7	8	-100	-50	-2	-5	-1	72
227	1.61	9	54	21	35	-3	12.8	8.2	11.3	-1	-0.2	-1	-10	-5	63	17.2	-10	4	-5	-5	9300	-1	9	110	2.2	12	-100	-50	-2	-5	-1	80
78	1.15	5	36	26.4	28.9	-3	6.5	7.8	6.3	-1	-0.2	-1	-10	-5	38	16.4	-10	6	-5	-5	12000	-1	9	100	1.9	10	-100	-50	-2	-5	2	56
152	1.35	7	45	20.6	27.8	-3	8	6.9	9	-1	-0.2	-1	-10	-5	53	14.8	-10	4	-5	-5	11000	-1	8	94	2	10	-100	80	-2	-5	-1	73
284	1.48	11	135	24.8	29.8	-3	21	6.9	7.2	-1	-0.2	-1	-10	-5	45	15.8	-10	3	-5	-5	11000	1	9	160	2.1	14	-100	-50	-2	-5	-1	50
124	1.33	6	40	19.1	25.7	4	10	6.8	8.4	-1	-0.2	-1	-10	-5	48	14.1	-10	5	-5	-5	10000	1	8	98	2	8	-100	-50	2	-5	-1	64
149	2.08	10	51	27	43.2	-3	8.9	10.4	10.5	-1	-0.2	-1	-10	-5	67	21.2	-10	3	-5	-5	13000	1	11	110	2.8	14	-100	-50	2	-5	1	100
369	2.16	10	54	19.8	49.4	-3	26.2	9.3	14.8	-1	-0.2	1	10	-5	93	19.4	-10	7	-5	-5	9800	2	11	100	2.9	13	-100	-50	-2	-5	-1	110
491	2.33	12	63	38.2	50.1	-3	7.2	12.2	8.9	-1	-0.2	1	-10	-5	70	24	-10	5	-5	-5	14000	-1	12	130	3.1	17	290	120	-2	-5	-1	92
406	1.71	9	39	39.6	34.3	-3	8.2	10.4	5.9	-1	-0.2	-1	-10	-5	41	19.4	-10	-5	-5	-5	16000	2	12	95	2.5	14	-100	130	-2	-5	1	-30
251	1.21	5	37	24.2	24.4	-3	6.9	8.4	7.2	-1	-0.2	-1	-10	-5	45	16.3	-10	5	-5	-5	13000	-1	9	77	1.8	9	-100	-50	-2	-5	-1	69
370	2.09	13	48	43.4	44.9	-3	6.2	11.4	5.6	-1	-0.2	1	-10	-5	45	19.8	-10	6	-5	-5	15000	1	12	92	2.7	15	-100	-50	-2	-5	2	44
323	1.48	8	32	30.7	30.4	-3	6.5	9.7	5.9	-1	-0.2	-1	-10	-5	33	16.1	-10	4	-5	-5	15000	-1	12	89	2.2	11	-100	-50	-2	-5	-1	-30
356	1.65	8	40	37.9	30.1	-3	7.3	7.2	3.6	-1	-0.2	-1	-10	-5	25	15.6	-10	3	-5	-5	16000	2	11	88	2.2	13	-100	-50	-2	-5	4	53
426	1.95	10	49	42	39.9	-3	7.4	12.6	4.6	-1	-0.2	-1	10	-5	40	30	-10	5	-5	-5	17000	1	11	120	2.6	16	-100	-50	-2	-5	3	74
336	2.31	11	52	27.6	45	-3	8.7	10.1	2.2	2	-0.2	1	-10	-5	49	19.9	-10	4	-5	-5	16000	1	12	120	3	16	-100	-50	-2	-5	5	100
278	1.59	9	47	28.7	30	-3	6.3	8.7	7.7	-1	-0.2	-1	-10	-5	40	19.2	-10	5	-5	-5	12000	-1	9	95	2.3	12	-100	-50	-2	-5	1	73
522	2.63	14	60	39.3	59.8	-3	9.7	14	5.6	-1	-0.2	1	-10	-5	71	26.9	-10	6	-5	-5	18000	-1	13	130	3.2	19	-100	120	-2	-5	-1	79
222	1.15	5	36	16.7	25	-3	6.4	6.6	7.1	-1	-0.2	-1	-10	-5	34	13.6	-10	5	-5	-5	11000	-1	8	79	1.6	8	-100	93	-2	-5	-1	47
169	0.88	5	29	15.3	19.6	-3	6.7	6	7.4	-1	-0.2	-1	-10	-5	33	12	-10	5	-5	-5	9900	-1	7	55	1.3	8	-100	50	-2	-5	-1	70
152	1.19	5	39	18.9	26.1	-3	12.1	7.4	8.4	-1	-0.2	-1	-10	-5	51	14.5	-10	6	-5	-5	10000	1	7	72	1.7	10	-100	-50	-2	-5	1	44
152	1.15	5	39	19.3	26.7	-3	13	8.2	7.7	-1	-0.2	-1	-10	-5	35	15.2	-10	4	-5	-5	11000	2	8	93	1.8	8	-100	110	-2	-5	-1	71
282	1.44	7	43	18.6	32.1	-3	16.2	7.3	9.1	-1	-0.2	-1	-10	-5	63	15.1	-10	6	-5	-5	10000	2	8	84	2.1	9	-100	-50	-2	-5	-1	110
255	2.22	11	74	23.8	50.1	-3	7.2	7.7	5.8	-1	-0.2	-1	-10	-5	65	15.5	-10	5	-5	-5	15000	1	12	120	3	13	-100	-50	-2	-5	-1	100
376	2.93	13	76	30.6	52.2	-3	16.5	14.8	10.3	2	-0.2	-1	-10	-5	28	27.2	-10	8	-5	-5	12000	1	15	150	3.7	17	-100	100	-2	-5	1	120
269	3.17	19	180	44.7	83.5	3	4.8	16.5	12.4	2	-0.2	-1	-10	-5	28	34.4	-10	10	-5	-5	12000	-1	18	220	4.2	25	-100	130	2	-5	-1	130
362	4.81	15	112	54.5	73.9	-3	3	18.1	12.4	2	-0.2	-1	-10	-5	19	37.4	-10	14	-5	-5	8400	-1	23	490	5.9	16	-100	110	4	-5	-1	130
251	2.81	19	184	40.4	71.5	-3	5	11.5	6.8	1	-0.2	-1	10	-5	31	20.5	-10	8	-5	-5	13000	-1	16	250	3.4	22	-100	140	-2	-5	-1	100
344	4.56	29	433	40.7	98.8	-3	3.3	21.8	14.4	5	-0.2	-1	-10	-5	10	45.5	-10	14	-5	-5	9400	-1	26	420	5.4	32	390	160	-2	-5	-1	190
409	4.52	26	228	57.8	102	-3	4	18.6	13	4	-0.2	-1	-10	-5	11	46.2	-10	15	-5	-5	11000	-1	23	370	5.1	29	400	170	-2	-5	-1	170
586	2.52	15	61	53.5	49.6	3	5.7	12.3	3.7	2	-0.2	-1	-10	-5	36	25.1	-10	9	-5	-5	15000	2	12	110	3.1	18	-100	-50	-2	-5	5	61
472	2.4	14	56	40.3	52.2	3	6.3	12.4	4	-1	-0.2	-1	10	-5	76	25.8	-10	7	-5	-5	18000	2	12	120	2.9	16	-100	100	-2	-5	3	66
578	3.6	23	66	53.6	120	-3	6.6	17.1	11.5	-1	-0.2	-1	-10	-5	30	19.4	-10	10	-5	-5	14000	1	20	120	4	23	-100	170	-2	-5	-1	64
466	5.02	26	243	56	113	3	1.4	23.1	17.2	4	-0.2	-1	-10	-5	15	43.9	-10	22	-5	15	8800	-1	22	520	5.7	29	-100	150	7	-5	2	110
1870	4.35	27	204	62.3	133	-3	5.7	29.4	17.1	5	0.3	-1	10	-5	39	51.4	-10	59	-5	5	8000	1	19	180	5.1	30	330	190	2	-5	-1	210
390	6.09	27	279	49.7	110	-3	2.5	20	9.2	3	-0.2	-1	-10	-5	37	35.3	-10	17	-5	5	12000	-1	18	700	7.1	31	-100	110	5	-5	2	88
338	4.9	13	102	52.8	83.5	-3	3.3	16.2	11.5	3	-0.2	1	10	-5	26	38.9	-10	15	-5	13	10000	-1	21	330	5.6	16	-100	160	-2	-5	-1	150
273	3.08	19	107	47.5	64.3	-3	4.2	9.7	10.8	4	0.2	-1	-10	-5	17	14.7	-10	16	-5	16	11000	-1	16	200	3.9	20	-100	130	3	-5	1	150

Svartbekken DOB results 2000

Sr	Mo	Ag	Sb	Cs	Ba	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Hf	Ta	W	Ir	Hg	Th	U
NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
500	5	5	0.2	3	100	1	3	10	0.5	0.2	0.5	0.5	0.05	1	1	4	20	1	0.5	0.5
500	-5	5	-0.2	-3	310	25	52	22	4.4	1.1	-0.5	2	0.38	5	-1	-4	20	1	5.8	2
500	5	5	-0.2	3	360	21	44	20	3.8	0.8	-0.5	2	0.33	5	-1	-4	20	-1	5.4	2.2
500	-5	-5	-0.2	3	440	24	46	21	4	0.8	-0.5	2	0.31	5	3	-4	20	-1	6.4	2
500	5	-5	-0.2	3	390	20	45	19	3.6	1.2	-0.5	2.1	0.32	4	3	-4	20	1	5.6	2
500	5	-5	-0.2	3	390	23	52	24	4.1	1.1	-0.5	2	0.36	5	1	4	20	-1	5.7	1.7
500	-5	5	-0.2	-3	290	16	34	16	2.7	0.5	-0.5	1.4	0.21	4	-1	4	20	1	3.8	-0.5
500	-5	-5	-0.2	4	300	14	48	14	2.7	1	-0.5	1.9	0.3	5	1	-4	20	-1	6.1	0.5
500	5	-5	0.2	-3	150	28	60	25	4.3	1	0.5	2.1	0.33	5	3	4	20	1	8.6	2.1
500	-5	5	-0.2	3	480	22	46	21	3.5	0.9	-0.5	1.8	0.29	5	1	-4	20	-1	5.9	5
500	5	-5	-0.2	-3	430	20	41	16	3.4	1	-0.5	1.9	0.3	4	-1	4	20	-1	4.7	2.7
500	-5	5	-0.2	3	370	23	53	22	4.1	0.8	-0.5	2.2	0.38	5	1	-4	20	-1	6.1	2.8
500	5	5	-0.2	-3	250	25	58	28	4.7	1.2	-0.5	2.4	0.42	7	2	-4	20	-1	6.4	1.6
500	5	-5	-0.2	-3	430	23	48	20	4	0.9	-0.5	2	0.35	5	-1	-4	20	-1	5.6	2.2
500	5	-5	-0.2	3	360	23	49	20	4	0.8	-0.5	2	0.31	5	1	-4	20	-1	5.5	1.8
500	5	5	0.2	-3	300	21	45	23	3.8	1.2	0.5	2	0.34	5	1	-4	20	-1	5.5	1.3
500	5	-5	-0.2	-3	350	29	61	24	5.1	1.3	-0.5	2.6	0.42	5	2	4	20	-1	7.8	2.2
500	5	-5	-0.2	3	440	26	55	21	4.4	0.9	-0.5	2.2	0.35	5	2	-4	20	-1	7.2	2.6
500	-5	5	0.2	4	250	31	66	22	5.3	1.6	-0.5	2.5	0.41	5	2	-4	20	1	8.6	2.9
500	5	-5	-0.2	-3	350	28	63	22	5.1	1.3	-0.5	2.5	0.47	6	-1	4	20	-1	7.7	2
500	5	-5	-0.2	-3	330	23	49	18	4.1	1	-0.5	2.4	0.34	5	-1	-4	20	-1	6	2.5
500	5	-5	-0.2	3	240	26	62	26	5.2	1.7	-0.5	2.6	0.42	5	-1	4	20	-1	10	3.4
500	5	-5	0.2	-3	270	21	57	28	5	1.3	1.7	2.5	0.42	6	2	-4	20	-1	7.1	-0.5
500	5	-5	0.2	3	270	23	61	22	4.1	0.9	-0.5	1.8	0.32	5	2	-4	20	1	8.1	1.5
500	-5	5	0.2	3	250	36	72	28	5.5	1.4	-0.5	2.3	0.35	6	2	-4	20	-1	10	2.5
500	-5	5	0.2	5	290	27	64	19	4.3	1.1	-0.5	2.1	0.27	4	1	-4	20	-1	8.6	2
500	-5	-5	-0.2	-3	370	25	56	22	4.6	0.5	-0.5	2.1	0.33	5	-1	4	20	-1	6.4	1.5
500	-5	5	0.2	3	330	33	67	26	5.8	1	-0.5	2.7	0.46	6	2	-4	20	-1	10	2
500	5	-5	-0.2	-3	350	19	43	22	3.7	0.7	-0.5	1.7	0.3	5	1	-4	20	-1	5.1	0.5
500	-5	5	0.2	-3	350	19	39	23	3.4	0.6	-0.5	1.8	0.32	5	-1	-4	20	-1	4.5	1.9
500	5	-5	-0.2	-3	360	21	45	19	3.8	0.9	1.2	2	0.39	5	-1	4	20	-1	5.3	1.8
500	-5	5	-0.2	-3	350	23	44	23	4.2	0.6	-0.5	2.3	0.35	5	-1	4	20	-1	6.1	1.6
500	-5	5	-0.2	-3	430	21	44	24	3.7	0.6	-0.5	1.9	0.35	5	-1	4	20	-1	5.8	2.4
500	-5	-5	0.2	4	390	22	45	17	3.9	0.9	-0.5	2.2	0.34	5	3	-4	20	-1	6.5	2
500	5	-5	-0.2	5	420	37	79	35	6.6	1.4	1.3	3.4	0.53	6	3	-4	20	-1	10	2.8
500	5	-5	0.4	9	390	48	95	34	7.9	1.8	2.1	3.5	0.52	6	2	-4	20	-1	12	5
500	5	-5	0.5	5	470	47	88	36	7.4	1.2	1.9	3.6	0.58	7	-1	-4	20	-1	14	5.4
500	5	-5	-0.2	6	340	36	76	29	6.3	1.2	1.5	3	0.52	6	2	4	20	-1	10	3.4
500	5	-5	0.4	8	660	60	120	52	10	1.7	-0.5	4.4	0.72	7	3	-4	20	-1	16	6.1
500	-5	-5	0.5	8	420	56	120	46	9.1	1.5	1.7	4.2	0.64	6	-1	-4	20	-1	13	6.2
500	-5	-5	-0.2	4	240	30	78	28	5.3	1.2	-0.5	2.3	0.39	4	2	-4	20	-1	12	2.6
500	5	-5	-0.2	3	260	30	71	26	5.6	1	-0.5	2.1	0.34	5	-1	-4	20	-1	11	3.2
500	-5	-5	-0.2	3	150	24	56	27	5.5	1.2	0.9	3.1	0.56	5	-1	-4	20	-1	7.1	1.9
500	5	-5	0.7	7	450	55	110	46	10	2	2.8	4.7	0.77	8	2	-4	20	-1	14	5.7
500	5	-5	0.6	10	600	59	180	45	11	2.7	1.7	5.5	0.88	6	-1	-4	20	-1	14	7.9
500	-5	6	0.6	7	320	44	100	39	7.7	2	1.5	3.7	0.6	6	3	-4	20	-1	10	2.7
500	-5	-5	0.4	6	410	46	85	41	7.9	1.2	-0.5	3.5	0.55	7	-1	-4	20	-1	12	3.9
500	-5	-5	0.3	7	440	23	58	20	4.5	1	0.5	2.6	0.41	6	2	-4	20	-1	12	3.5

Auger soil samples from B-horizon, Target no 62, Stillbankan, Killingdal-Menna ore fields.

Smpl. ID	UTM E	UTM N	Target	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr
Sch. Code				ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
An. Unit				ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Det. Lim.				0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5
AB024	625500	6973100	Stillbankan	<0.5	0.01	0.58	1.32	0.04	0.07	0.16	2.1	0.13	33	44	86	1.35	10	49	85.6	28.6	<3	5.4
AB025	625475	6973100	Stillbankan	<0.5	0.01	0.55	1.24	0.05	0.06	0.14	1.9	0.12	57	46	93	2	16	99	26.3	27.3	23	5
AB026	625450	6973100	Stillbankan	<0.5	0.01	0.92	1.56	0.03	0.26	0.11	5.9	0.17	75	68	205	2.49	19	91	43.1	27.5	<3	2.9
AB027	625400	6973100	Stillbankan	<0.5	0.02	0.89	1.48	0.03	0.19	0.15	2.3	0.14	42	58	116	1.48	11	33	18.3	21.4	<3	6.2
AB028	625525	6973100	Stillbankan	<0.5	0.01	0.53	1.4	0.05	0.12	0.16	2.4	0.11	30	38	80	1.36	9	30	34.6	18.4	<3	5.2
AB029	625550	6973100	Stillbankan	<0.5	0.02	0.49	0.8	0.04	0.21	0.19	1.2	0.16	43	44	111	1.47	6	23	8.2	16.5	<3	3.5
AB030	625600	6973100	Stillbankan	<0.5	0.02	1.44	1.94	0.04	0.39	0.16	2.8	0.14	37	193	127	1.4	10	105	32.1	27	<3	4.8
AB031	625560	6973200	Stillbankan	<0.5	0.01	1.01	2.04	0.06	0.2	0.18	2.5	0.1	37	85	322	1.96	20	67	140	39.2	<3	6.3
AB032	625510	6973200	Stillbankan	<0.5	0.01	0.48	1.73	0.02	0.07	0.09	2.3	0.2	42	83	58	2.15	8	30	23.6	14.1	<3	4.5
AB033	625485	6973200	Stillbankan	<0.5	<0.01	0.6	0.98	0.04	0.09	0.14	1.8	0.07	24	41	75	0.89	6	21	8.2	20.8	<3	6.1
AB034	625460	6973200	Stillbankan	<0.5	0.02	0.53	1.8	0.07	0.13	0.26	2.4	0.08	26	40	154	1.83	14	31	50	22.2	<3	5.6
AB035	625435	6973200	Stillbankan	<0.5	0.01	0.78	1.93	0.06	0.19	0.21	4.3	0.13	60	59	107	1.99	9	32	27.8	20.4	<3	4.9
AB036	625410	6973200	Stillbankan	<0.5	0.01	0.52	0.96	0.03	0.11	0.13	2	0.17	44	38	82	1.48	11	55	10.1	21.2	<3	6.9

Smpl. ID	UTM E	UTM N	Target	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li
Sch. Code				ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
An. Unit				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Det. Lim.				0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
AB024	625500	6973100	Stillbankan	4.8	1.4	<1	<0.2	<1	<10	<5	27	10.6	<10	4	<5	7
AB025	625475	6973100	Stillbankan	7.5	2.9	2	<0.2	<1	<10	<5	35	18.1	<10	<2	<5	6
AB026	625450	6973100	Stillbankan	7.9	6	<1	0.3	<1	<10	<5	63	14.4	<10	<2	<5	8
AB027	625400	6973100	Stillbankan	4.5	2.5	<1	<0.2	<1	<10	<5	41	10.1	<10	3	<5	8
AB028	625525	6973100	Stillbankan	8.5	2.5	<1	<0.2	<1	<10	<5	33	14	<10	4	<5	5
AB029	625550	6973100	Stillbankan	2.8	2.9	<1	0.2	<1	<10	<5	43	3.2	<10	<2	<5	3
AB030	625600	6973100	Stillbankan	5.3	3.7	<1	<0.2	<1	<10	<5	101	10.6	<10	<2	<5	10
AB031	625560	6973200	Stillbankan	5.7	2.4	<1	0.7	<1	<10	<5	42	15.4	<10	6	<5	16
AB032	625510	6973200	Stillbankan	3	2.5	<1	<0.2	<1	<10	<5	20	2.2	<10	<2	<5	4
AB033	625485	6973200	Stillbankan	3.7	1.9	<1	0.2	<1	<10	<5	21	6.4	<10	5	<5	7
AB034	625460	6973200	Stillbankan	5.1	3.7	<1	<0.2	<1	<10	<5	23	11.2	<10	<2	<5	7
AB035	625435	6973200	Stillbankan	5.3	6.1	<1	<0.2	<1	<10	<5	34	10	<10	2	<5	7
AB036	625410	6973200	Stillbankan	3.7	2.1	<1	<0.2	<1	<10	<5	36	6.4	<10	3	<5	5

Encl. no 8.

Almåsen Soil sample results 2000

Sample Ident	UTM E	UTM N	description	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y
Scheme Code				ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Analysis Unit				ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit				0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5
AL01	615720	6971590	grey and brown silt	0.5	-0.01	0.12	0.44	0.01	0.02	0.06	1	0.09	60	19	28	1.19	2	6	7.1	6.5	-3	2.7	1.6
AL02	615694	6971592	brownish grey silt	0.5	-0.01	0.19	0.44	0.03	0.02	0.07	1	0.04	15	19	31	0.38	4	9	6	8.5	-3	2.9	2.6
AL03	615670	6971592	grey silt	0.5	-0.01	0.16	0.34	-0.01	0.02	0.04	0.6	0.09	18	19	72	0.46	3	6	5.3	6.4	-3	2.1	1.3
AL04	615747	6971593	dark greybrown silt and soil	0.5	-0.01	0.1	0.44	0.02	0.01	0.04	0.8	0.06	26	17	20	0.45	2	4	3	6.2	-3	3.2	1.3
AL05	615770	6971591	brown silt	0.5	-0.01	0.08	0.58	0.01	0.01	0.03	1.2	0.12	43	23	26	1.12	2	4	4.5	5	-3	1.6	1.8
AL06	615800	6972190	browngrey silt	0.5	-0.01	0.14	0.48	-0.01	0.02	0.01	1.4	0.07	14	19	17	0.25	2	4	6.4	6.4	-3	1	1.8
AL07	615770	6972196	brown silty soil+minor humus	0.5	0.01	0.26	0.72	-0.01	0.09	0.02	4.3	0.11	42	36	23	0.45	3	6	9.5	9.8	-3	2.3	3.9
AL08	615750	6972192	brown silty soil	0.7	0.02	1.45	2.16	-0.01	0.51	0.12	2.3	0.22	70	178	912	3.12	30	72	13.3	71.6	-3	8.3	4.3
AL09	615709	6972193	humus-rich soil+minor grey silt Lowqual	0.5	0.01	0.03	0.22	0.01	0.01	0.07	1	0.06	9	13	10	0.06	2	1	4.4	5.4	-3	3	0.7
AL10	615825	6972189	grey silt	0.5	0.01	0.16	0.59	0.02	0.02	0.05	1.6	0.06	33	16	32	0.59	2	4	10.4	6.4	1.6	1.8	3.4
AL11	615851	6972196	brown silt+chl-rich matr. at end	0.5	-0.01	0.41	0.82	0.03	0.04	0.1	2.6	0.1	47	42	58	0.99	9	18	4.6	14.3	-3	3.2	1.8
AL12	615903	6972197	greybrown silt	0.5	-0.01	0.13	0.39	-0.01	0.02	0.03	0.8	0.05	12	14	20	0.24	2	5	2.9	5.4	-3	2.1	1.8

				Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Au	Na	Ca	Sc	Cr	Fe	Co	Ni	Zn	As	Se	Br	Rb	Sr	Mo	Ag
				ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	NA-BA	NA-BAS	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				0.5	1	0.2	1	10	5	1	0.5	10	2	5	5	500	1	1	10	0.1	5	100	50	2	5	1	30	500	5	5
AL01	615720	6971590	grey and brown silt	3	1	0.2	1	10	5	9	3.6	10	6	5	5	19000	2	14	130	3.7	5	100	50	6	5	11	39	500	5	5
AL02	615694	6971592	brownish grey silt	0.9	1	0.2	1	10	5	18	6	10	6	5	5	19000	2	14	110	2.5	5	100	50	2	5	6	38	500	5	5
AL03	615670	6971592	grey silt	2.4	1	0.2	1	10	5	11	2.8	10	6	5	5	22000	1	17	150	3.4	5	100	50	2	5	6	30	500	5	5
AL04	615747	6971593	dark greybrown silt and soil	1	1	0.2	1	10	5	9	3.2	10	7	5	5	19000	2	15	150	2.7	5	100	50	4	5	15	58	500	5	5
AL05	615770	6971591	brown silt	1.5	1	0.2	1	10	5	6	3.6	10	5	5	5	19000	3	16	150	3.6	5	100	50	5	5	28	52	500	5	5
AL06	615800	6972190	browngrey silt	2.1	1	0.2	1	10	5	5	5.3	10	5	5	5	11000	1	7	74	1.1	5	100	50	2	5	6	68	500	5	5
AL07	615770	6972196	brown silty soil+minor humus	3.8	1	0.2	1	10	5	20	11.3	10	6	5	5	13000	1	11	77	1.7	5	100	50	2	5	7	44	500	5	5
AL08	615750	6972192	brown silty soil	5.2	1	0.4	1	10	5	95	8.2	10	4	5	5	8200	2	17	400	4.9	5	100	50	4	5	14	39	500	5	6
AL09	615709	6972193	humus-rich soil+minor grey silt Lowqual	1.6	1	0.2	1	10	5	7	3.3	10	5	5	5	9600	1	9	66	1.1	5	100	50	2	5	6	30	500	5	5
AL10	615825	6972189	grey silt	2.1	1	0.2	1	10	5	7	9.6	10	3	5	5	16000	1	9	77	1.8	5	100	50	27	5	15	30	500	5	5
AL11	615851	6972196	brown silt+chl-rich matr. at end	1.5	2	0.2	1	10	5	35	3.8	10	5	5	5	22000	1	15	140	4.1	5	100	50	2	5	3	30	500	5	5
AL12	615903	6972197	greybrown silt	1.2	1	0.2	1	10	5	11	5.3	10	5	5	5	13000	1	9	72	1.5	5	100	50	2	5	4	68	500	5	5

				Sb	Cs	Ba	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Hf	Ta	W	Ir	Hg	Th	U
				NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BAS	NA-BA	NA-BA	NA-BA	NA-BA	NA-BAS
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
				0.2	3	100	1	3	10	0.5	0.2	0.5	0.5	0.05	1	1	4	20	1	0.5	0.5
AL01	615720	6971590	grey and brown silt	-0.2	-3	210	11	24	10	1.9	0.7	-0.5	2	0.28	6	1	-4	-20	-1	2.6	1.4
AL02	615694	6971592	brownish grey silt	0.2	-3	180	16	32	14	2.8	1.3	0.5	2.2	0.27	6	3	-4	-20	-1	3.8	1.9
AL03	615670	6971592	grey silt	0.2	-3	220	11	22	-10	2.1	-0.2	-0.5	2.1	0.34	6	2	-4	-20	-1	3	-0.5
AL04	615747	6971593	dark greybrown silt and soil	-0.2	-3	180	12	23	11	2.1	1	-0.5	1.9	0.27	5	-1	-4	-20	-1	1.9	1.1
AL05	615770	6971591	brown silt	-0.2	-3	190	11	26	-10	2.2	1	-0.5	2	0.28	5	3	-4	-20	-1	2.6	-0.5
AL06	615800	6972190	browngrey silt	0.2	-3	320	12	24	10	1.9	1.1	-0.5	1.5	0.23	7	1	-4	-20	-1	3.2	1
AL07	615770	6972196	brown silty soil+minor humus	-0.2	-3	290	18	42	10	3	0.6	-0.5	1.5	0.24	6	3	-4	-20	-1	7.2	2
AL08	615750	6972192	brown silty soil	-0.2	4	180	25	59	21	4.5	1.2	-0.5	2.7	0.35	6	-1	-4	-20	-1	7.5	1.9
AL09	615709	6972193	humus-rich soil+minor grey silt Lowqual	-0.2	-3	260	7	12	-10	1.2	0.5	-0.5	1	0.17	4	-1	-4	-20	-1	1.3	-0.5
AL10	615825	6972189	grey silt	-0.2	-3	240	14	26	12	2.3	0.8	-0.5	1.7	0.24	6	3	-4	-20	-1	2.9	-0.5
AL11	615851	6972196	brown silt+chl-rich matr. at end	-0.2	-3	-100	8	20	-10	1.7	-0.2	1.6	2.2	0.34	5	3	-4	-20	-1	2.4	-0.5
AL12	615903	6972197	greybrown silt	-0.2	-3	260	13	26	12	2.1	0.6	-0.5	1.7	0.25	5	1	-4	-20	-1	3.5	1.7

Prepared by Bernt Rosholt 1/7/02

Encl. no 6

Stream sediment samples Blåhenbekken (HB) 2000. Target 72

Sampl. Id.	UTM E	UTM N	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr
Sch. Code			ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
An. Unit			ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Det. Lim.			0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5
HB01	635882	6981463	0.8	-0.01	0.93	1.69	0.05	0.24	0.18	3.9	0.09	53	60	228	2.16	10	32	20.5	58.8	-3	7.4	8.4	2.2
HB02	635907	6981520	0.6	-0.01	0.83	1.43	0.04	0.23	0.19	3.2	0.08	45	47	275	1.87	10	28	17.3	55.9	-3	6.7	7.5	1.6
HB03	635974	6981579	0.6	-0.01	1.32	2.06	0.06	0.44	0.27	4.6	0.12	67	69	1370	2.77	24	53	26.3	75.3	-3	8.2	9.8	2.9
HB04	636020	6981644	0.5	-0.01	1.29	2.01	0.06	0.45	0.3	4.5	0.12	65	69	751	2.64	17	54	28.3	76.4	-3	8.8	9.8	3.5
HB05	635879	6981519	-0.5	-0.01	1.15	1.78	0.06	0.38	0.28	4.1	0.11	59	61	864	2.4	16	46	23.4	67.5	-3	8.3	8.8	3.1
HB06	635801	6981467	0.6	-0.01	1.29	2	0.07	0.42	0.33	4.4	0.12	66	66	1310	2.68	20	56	26.7	81.4	-3	9.4	9.9	3.3

Sampl. Id.	UTM E	UTM N	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Au	Na	Ca	Sc	Cr	Fe	Co	Ni	Zn	As	Se
Sch. Code			ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	NA-BA	NA-BAS	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BAS
An. Unit			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Det. Lim.			1	0.2	1	10	5	1	0.5	10	2	5	5	500	1	1	10	0.1	5	100	50	2	5
HB01	635882	6981463	2	-0.2	-1	-10	-5	50	13.6	-10	13	-5	-5	15000	-1	14	97	3.1	-5	-100	-50	-2	-5
HB02	635907	6981520	1	-0.2	-1	-10	-5	45	12.5	-10	5	-5	-5	16000	1	13	80	2.9	-5	-100	-50	-2	-5
HB03	635974	6981579	1	0.2	-1	-10	-5	74	17.2	-10	8	-5	-5	15000	2	15	100	3.8	20	-100	200	-2	-5
HB04	636020	6981644	-1	0.3	-1	-10	-5	77	18	-10	8	-5	-5	15000	2	14	99	3.5	15	-100	-50	-2	-5
HB05	635879	6981519	-1	0.2	-1	-10	-5	65	16.1	-10	9	-5	-5	15000	-1	14	99	3.3	14	-100	130	-2	-5
HB06	635801	6981467	-1	0.3	-1	-10	-5	74	17.7	-10	6	-5	-5	15000	2	14	94	3.4	14	-100	-50	2	-5

Sampl. Id.	UTM E	UTM N	Br	Rb	Sr	Mo	Ag	Sb	Cs	Ba	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Hf	Ta	W	Ir	Hg	Th	U
Sch. Code			NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BAS	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BA	NA-BAS
An. Unit			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
Det. Lim.			1	30	500	5	5	0.2	3	100	1	3	10	0.5	0.2	0.5	0.5	0.05	1	1	4	20	1	0.5	0.5
HB01	635882	6981463	26	-30	-500	-5	-5	-0.2	4	230	24	44	16	4.3	1.2	-0.5	2.2	0.34	6	1	-4	-20	-1	8.4	2
HB02	635907	6981520	18	32	-500	-5	-5	-0.2	-3	120	22	41	17	4	0.9	0.8	2.5	0.35	6	-1	-4	-20	-1	7	1.9
HB03	635974	6981579	17	-30	-500	-5	-5	-0.2	-3	250	29	59	22	4.8	1.5	-0.5	2.9	0.42	5	-1	-4	-20	-1	9.5	2.4
HB04	636020	6981644	16	41	-500	-5	-5	-0.2	3	220	28	55	18	4.7	1.1	-0.5	2.6	0.35	5	1	-4	-20	-1	8.7	1.7
HB05	635879	6981519	18	36	-500	-5	-5	-0.2	3	240	27	56	21	4.5	1.2	1.5	2.9	0.42	6	-1	-4	-20	-1	8.9	2.7
HB06	635801	6981467	25	-30	-500	-5	-5	-0.2	4	200	30	60	22	4.9	0.6	-0.5	2.8	0.42	5	3	-4	-20	-1	10	1.7

Prepared by Bernt Røsholt 1/7/02

Encl. no 10

Target list Killingdal-Menna Ore Field,
Røros Area

Target	UTM-area E/N	Aero-EM/	Ground	DOB/	Minr	Comments, Proposed follow up	Geophys	DOB/	Geology	Drilling/
		Mag	survey	AS			Pkm	AS	Days	Digging
50. Tjønnvollmyr	36,3-37,4/71,8-73,4	High/High	MagVLFGeoSl	87DOB	Claim	Surveyed and drilled in 2000. Sepr. Rep.				
						Follow up.	TFEM			1400m/
51. Jensåsbkn.	31,9-32,8/70-70,6	High/	Geo	82DOB		Sampled 2000 and 2001. Follow up.	1 VLF	40/		300m/
52. Kjøli S.	33,3-33,6/73-73,2	Modr/High	Mag, VLF, Geo			400m SW of Kjoli adit. Follow up.	,5 VLF,Mag	20/		
53. Svartbkn.	25-26/63,8-64,6	High/High	MagVLFGeo	91DOB		Mineralized black schist. No follow up.				
54. Killigd. N	25-26,1/66-67,8	High/High	MagVLFGeo	81DOB		Mineralized black schist. Follow up.		40/	5	500m/
55. Unsgards. Øv	26-26,4/69,0-70,4	High/Low	Mag	14DOB		Tot. covrd. Follow up Zn anomaly.	5VLF,2Mag	20/		150m/
56. Unsgards. S	25,4-25,8/68-68,3	/High	Mag			Follow up if trgt. 54 and 55 is positive.	(3VLF)	(30/)		
57. Folldalen	24,6-25,5/69,3-70,6	High/	Mag VLF Geo	61DOB		Follow up with more VLF and DOB.	8VLF	60/		
58. Rotj. N and S	21,7-22,3/74,4-75,4	High/High	Mag	48DOB		Low geochem response. Follow up.			2	/2
59. Gaulhåen	37,3-37,6/70,8-71,4		Mag			Follow up only if target 50 is pos.				
60. Moavollen	15,9-16,2/74,6-74,9	High/High		16DOB		No Follow up.				
61. Andåa	20,9-21,2/77,4-77,7	High/High		21DOB		Follow up with field trip and digging.			2	/2
62. Stillbankan	25,3-25,7/73-73,3	/High	Mag, VLF	13AS		No Follow up				
63. Holdsjøh. S	23,6-24,0/74,4-74,7	/High	Mag			Follow up.	1,6VLF, 8Mag	30/		
64. Bønsbudalen	21,8-22,3/68,7-69	High/High	Mag	21DOB	Claims	No Au potential. No follow up.				
65. S. Tverrdrøya	14,7-15,5/75,7-76,2	High/Low	Mag	21DOB		No Follow up.				
66. Almåsen	15,4-16,0/71,6-72,7	High/Low	Mag, Geo	29DOB		No Follow up.				
67. Sandbekken	15-16,2/73,9-74,2	High/Low	Mag, VLF, Geo	18DOB		No Follow up.				
68. Litlrena	17,5-18,9/71,3-71,7	Modr/High	Mag, Geo	23DOB		Au-potential? Follow up.			3	
69. Rensjøen	21,8-22,1/73,3-73,5	High/		18DOB		Follow up.	1VLF	/20		/2
70. Storhøgda	616520/6964600	High/	Geo			No Follow up.				
71. Holdsjøh.	624050/6976400	/High	Geo			No Follow up.				
72. Blåhåmbkn.	35,8-36,1/81,4-81,7			6SSS		No Follow up.				
							Sum:			
							12,5pkmTFEM	210 DOB	12	2350m
							17pkm VLF	20 AS		6 days dig.
							3,3pkm Mag			

AS: Auger soil samples
DOB: Deep over burden samples
SSS: Stream sediment samples

End. no 11