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Distribution of precious metals in the Bleikvassli Zn-Pb Sedex type deposit, Nordland Norway

NORGES GEOLOGISKE UNDERSØKELSE

Geological Survey of Norway
P.O.Box 3006 - Lade
N-7002 Trondheim, Norway
Tel.: 47 73 90 40 11
Telefax 47 73 92 16 20

REPORT

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Distribution of precious metals in the Bleikvassli Zn-Pb Sedex type deposit, Nordland Norway

Authors: Gleb V. Moralev, Rune B. Larsen, Terje Bjerkgård	Client: NGU, the Nordland Program, Bleikvassli Gruber

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Summary: In contrast to the volcanic hosted massive sulfide deposits, the presence of recoverable gold is not a common feature of sedex type Pb-Zn deposits. However, the available data suggest that the gold content in the Bleikvassli deposit could be higher than previously assumed. This report comprise the results of field work on the Bleikvassli Pb-Zn deposit, Nordland, Norway. The main goals have been to study the distribution of precious metals in the massive ore and in the wall rocks and furthermore to evaluate the mode of occurrence of precious metals. During the field season in 1995, 11 drill holes from profiles 360N, 520N and 700-740N were relogged and sampled in continuous intervals across the ore zone. Five short profiles were also sampled across the massive sulfide body in underground workings. Drill hole intersections, which showed gold and/or silver enrichment during routine analysis by the mining company, were sampled for microscopic and microprobe studies. During the study of gold and silver rich intervals from the drill holes, it was clear that mobilizate type veinlets and disseminated sulfide mineralizations hosted by quartz± feldspar veins, "quartzite-like" rocks and muscovite schist dominate in the precious metal rich intervals. Until now, 434 samples have been analyzed. The gold content in the massive ore and wall rocks is commonly below 100 ppb. Only 10 samples showed gold content higher than 0.45 ppm. The highest gold contents were 12.45, 2.29 and 2.26 ppm in three samples from the drill cores. These samples were collected from intervals with mobilizate type veinlet-disseminated mineralization. The total metal (Zn+Pb+Cu+Ag) content in these three samples was in the range 1.3-1.6 wt. %. All but one of the other gold rich samples (0.45-1 ppm) showed much higher total metal contents, ranging from 3.3 to 14.3 wt. %. The last group comprised mobilizate type sulfide veinlet-disseminated mineralization hosted by quartz veins, quartzites and muscovite schists; and pyrrhotite type massive ore enriched in galena. Data for the mode of occurrence of precious metals remain limited. During underground surveys one sample with visible native silver was found. It occurs in thin veinlets along the contact of microcline gneiss and chalcopyrite+fahlore mobilizate. No visible gold was found. Native gold and silver, Hg rich electrum, native arsenic (pure and Sb-Cu rich varieties) and bismuth together with allargentum and jalpaite were found for the first time in Bleikvassli during microscopic and microprobe studies in a number of samples from mobilizate type mineralization. Native antimony and acantite were also confirmed during EDS qualitative studies. Au content in Au-Ag alloys is in the range from 90 to 0 wt.%. Hg content from 0.2 to 7.2 wt.% is typical for Ag rich electrum. Au-Ag alloys occur as fine inclusions in gangue matrix or in intergrowths with allargentum, galena, chalcopyrite, tennantite-tetrahedrite, arsenopyrite, pyrite, pyrargyrite, PbSb, PbSbAs, PbCuSbAs sulfosalts, Sb-Cu rich native arsenic in assemblages with breithauptite, stannite, cassiterite and pyrrhotite. Very minor sphalerite is also present, but this mineral is not common in gold bearing assemblages. Thus native gold and electrum are the main mode of occurrence of gold in mobilizates. Galena, chalcopyrite, fahlore, Pb-Sb-As sulfosalts, pyrite and gangue as the main associated minerals for native gold and electrum, could explain gold enrichment of lead-copper concentrates during beneficiation. It is also suggested that significant quantities of gold might be lost in tailings with gangue minerals and pyrite.

Keywords: Ore geology	Gold	Silver
Lead	Zinc	Copper
Sedex	Massive sulfide	Scientific report

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Introduction and main goals

In contrast to the volcanic hosted massive sulfide deposits the presence of recoverable gold is not a common feature of sedex type lead and zinc deposits. However, available data suggest that the gold content of the sedex type Bleikvassli deposit is higher than previously assumed. Therefore, the main goals of the present study are:

1. to characterize the distribution of gold in the massive sulfides and wall rocks of the Bleikvassli deposit

and

2. to evaluate the mode of occurrence of the gold.

The Bleikvassli lead-zinc deposit is located approximately 46 km south-south-west from Mo i Rana, south of the Okstindene Glacier. It occurs on the lower, western slope of the Kongsfjell mountain at an elevation of approximately 450 m a.s.l. The coordinates of the deposit are 65°55'24" N and 13°52'47" E (Fig. 1).

Mining history and previous studies

Outcrops with massive pyrite-sphalerite-galena ore were discovered by the local prospector Anders Larsa, in 1916. Only minor exploration was conducted until 1948, when more extensive exploration and development started (Vokes, 1963). The southern part of the deposit was brought into production in 1957. At the beginning of the eighties, the northern part of the deposit was opened for production. Since June 1995 the production has been postponed, due to low metal prices. The total yield until the end of 1994 includes 4,991 096 tons of crude ore comprising 192 296 tons of Pb concentrate, 355 399 tons of Zn concentrate, 455 099 tons of pyrite concentrate and 8318 tons of Cu concentrate. The average contents of gold and silver are approximately 2 and 742 ppm in the Pb concentrate and 12 and 1107 ppm in the Cu concentrate, respectively. Production of Cu and pyrite concentrates have only been on trial stage, and the main part of copper has been recovered in lead concentrate or is lost in the tailings. The remaining reserves of ore are estimated to approximately 1 million tons.

The first publications addressing geology and mineralogy of the Bleikvassli deposit were provided by Vokes (1960, 1962, 1963, 1966, 1968) and Geis (1961). Later, during the 1970s more data were presented in publications by Sen (1972), Sen and Mukherjee (1972, 1973), Sen et al. (1973), and Fazal-ur-Rehman et al. (1974). During the last years new data for stratigraphic relations, alteration phenomena, sulfur and lead isotope composition of the ore and host rocks were obtained (Skauli, 1990; Skauli et al., 1992[1], 1992[2]; Skauli, 1992, 1993), as well as the first estimations of metamorphic conditions were made (Cook, 1993).

The earliest data about the distribution of gold and silver in the crude ore and products of beneficiation on the Bleikvassli deposit were obtained by Mukherjee et al. (1973). They found an extensive enrichment of precious metals in the Pb concentrate (up to 3 ppm of gold and 1250 ppm of silver) and suggested that gold partitioned in favor of copper minerals (mainly chalcopyrite), that normally are recovered together with galena during the flotation procedure used at Bleikvassli. The gold content in four analyses of the crude ore was in the interval from <0.04 to 0.23 ppm and silver content from 39 to 68 ppm. Fazal-ur-Rehman et al. (1974) reported 56 ppb gold and 17.5 ppm silver in the raw ore from Bleikvassli.

Routine analysis for gold has only been done by the mining company in the last few years. The results vary from a few tens of ppb to about 6.5 ppm of gold. The highest concentrations were recovered in samples from the marginal parts of the ore body, in sections with relatively low Zn, Pb and Cu grades.
Analyses of 19 samples from massive sulfide ore obtained by one of the present authors (R.Larsen) show an average gold content 231 ppb with a peak value of 1172 ppb.

There are only scattered data addressing the mode of occurrence of gold and silver in the Bleikvassli deposit. Vokes (1963) reported the presence of ruby silver ore, whereas Craig and Vokes (1992) documented a veinlet of electrum in an arsenopyrite crystal found in a galena-rich veinlet in the wall rock. Another observation of an electrum-like inclusion in arsenopyrite, enclosed in chalcopyrite, was done by W.Liebmann in 1986 (color photographs presented to the mine). Frank M. Vokes (personal communication, 1995) proposed that mobilizates are the most promising setting in which to find some gold enrichment

During the mineralogical study of mill products from Bleikvassli Gruber (Eidsmo et al., 1984; Malvik and Pilstrøm, 1985) it was estimated that approximately 40 % of the silver in flotation feed occurs as a lattice-bound silver in galena, 55 % occurs in silver- bearing fahlore, and only about 5% of silver occurs in pyrargyrite, argentite (acantite) and a Ag-Fe-S mineral of the sternbergite-argentopyrite series. They also reported that the silver content in fahlore ranges from 0.1 to 16.3 wt. % with a mean value of 6 %. The fahlore with a silver content higher than 5 % is tetrahedrite whereas the silver poor fahlore comprises both tennantite and tetrahedrite. No gold bearing minerals were found in the mill products during these studies. Paul Spry (personal communication, 1995) confirmed the rarity of pyrargyrite and the dominance of fahlore as the main silver bearing mineral with silver contents varying from a few thousand ppm in tennantite and tetrahedrite and to 35 wt. % in freibergite.

Geological setting of the Bleikvassli deposit

The Bleikvassli deposit is hosted by the Rødingsfjellet Nappe complex, which tectono-stratigraphically is underlying the Helgeland Nappe Complex (Fig. 1, 2). Together, the Rødingsfjellet and Helgeland Nappe Complexes comprise the Uppermost Allochthon in the Norwegian Caledonides in the area. They are underlain by the Seve-Køli Nappe Complex belonging to the Upper Allochthon.

In the Bleikvassli area, the Rødingsfjellet Nappe Complex comprises the late Vendian Anders Larsa and Kongsfjellet Groups (Ramberg, 1967; Bjerkgård et al., 1995). The Anders Larsa Group is composed of calcitic and dolomitic marbles, subordinate garnet-mica schists and amphibolites. The Kongsfjellet Group comprises garnet mica schists, calcareous schists, mica schists, and subordinate amphibolites and marbles. Two relatively large syn-tectonic granitoid bodies are hosted by the rocks of the Anders Larsa and Kongsfjellet Groups, and a number of granitoid sills and dikes have also been found in the Anders Larsa Group (Ramberg, 1967).

The primary stratigraphic relationships between Anders Larsa and Kongsfjellet Groups are uncertain. Ramberg (1967) interpreted the Anders Larsa Group as the uppermost unit in the tectonostratigraphy of the area and proposed a tectonic contact between them. Skauli (1992[1]) suggested a comformable contact between these two groups and interpreted them as a continuous sedimentary sequence. Detailed mapping of this contact conducted in connection with the Bleikvassli project has documented discordant relations between the Anders Larsa and Kongsfjellet Groups (Bjerkgård et al., 1995). However, it remains uncertain whether the discordance is of sedimentary or tectonic origin.

The Bleikvassli deposit, as well as a number of subeconomic base metal prospects, are hosted by the Kongsfjellet Group. The part of the Kongsfjellet Group, containing the Bleikvassli deposit, is known as the Mine Sequence (Ramberg, 1967, Skauli, 1990). The Mine Sequence comprises quartz-feldspar±graphite±pyrrhotite schists, kyanite-mica±staurolite schists, mica schists and a unit known as the microcline gneiss (Vokes, 1963, Ramberg, 1967, Skauli, 1993). The microcline gneiss has recently been established as an alkaline felsic plutonic body that intruded in the Early Ordovician according to a concordant U-Pb zircon age of 481±2 Ma (Larsen et al., 1995). The Mine Sequence occurs in contact with the Anders Larsa Group and it can be followed along strike for several km southwards from the deposit.

Amphibolites in the Anders Larsa and Kongsfjellet Groups are assumed to be of a magmatic origin (Ramberg, 1967; Skauli, 1990), and are interpreted to be volcanic flows or sills (Bjerkgård et al, 1995).

The Rødingsfjellet Nappe Complex reached amphibolite facies conditions during the Caledonian orogeny (Ramberg, 1967; Cook, 1993). A whole rock Rb-Sr isochron age of 464±22 Ma for the microcline gneiss has been interpreted as a metamorphic age (Skauli et al., 1992). This age is not easy to explain, considering that the Caledonian peak metamorphism should be much younger (430-410 Ma). What might have been dated could be an earlier intrusive age that was partially reset during metamorphism. A K-Ar age of 395 Ma (without recalculation with modern half life constants) for muscovite from the Bleikvassli ore (Neumann, 1960), could reflect the closure temperature during exhumation of the region.

Peak metamorphic conditions of 630±20°C and 6.5±1 kb were estimated by Brattli (1984) for the Anders Larsa and Kongsfjellet Groups. Smith-Meyer (1987) estimated the pressure-temperature range 7.0-8.6 kb and 517-617°C for the Kongsfjellet Group. Applying four different geothermobarometers, Cook (1993) documented that a single metamorphic episode was recorded by the lithologies hosting the Bleikvassli deposit and he obtained peak metamorphic conditions in the range 540-570 °C and 7.5-8.5 kb.

During the Caledonian Orogeny the Rødingsfjellet Nappe Complex underwent complex polyphase folding. Ramberg (1967) recognized three different phases of folding. According to more recent data five phases of folding could be recognized in the area (Olsen, 1984; Larsen, 1984; Bjerkgård et al., 1995). The three main phases, F_1 to F_3, are characterized by isoclinal folds refolded into large-scale recumbent folds of regional dimensions. The fold axes are mainly trending south-west, west and west-north-west.

Geology of the Bleikvassli deposit

The Mine sequence are found structurally above garnet-mica schists, calcareous schists and amphibolites of the Kongsfjellet Group. As mentioned above, the Mine sequence comprises graphite bearing quartz-feldspar schist, mica and kyanite-mica schist, microcline-plagioclase gneiss, quartz-feldspar schist (quartzite) and some garnet-mica schist (Fig. 3, 4, 5, 6). The ore body is wrapped in an envelope of muscovite schist with beds of quartzite-like rocks. The quartzite-like rocks comprise quartz and feldspar rich varieties, as well as coticules, the latter described by Skauli (1990). The ore is structurally underlain by microcline gneiss, and mica schists, and in the hanging wall various types of mica schists dominate.

In the southern part of the deposit, the ore is organized in comformable lenses of massive sulfides. In the northern part, the ore body is also comformable, but folded in a large asymmetrical fold with the hinge zone complicated by small scale folding (Fig. 4, 5). The northernmost part of the deposit contains the so called Northern Lens, which is also folded.

A comprehensive description of mineral composition of the ore was done by Vokes (1963). He distinguished two main ore types: pyrrhotite ore with no or very minor pyrite, and pyrite dominated ore. Galena rich veins are known as mobilizates. Disseminated mineralization occurs at or just around the massive ore and/or in a few meters above and below it.

Postmetamorphic history and hydrothermal events

The following observations were done during drill core logging:

I. In the core from the drill holes 28/91 and 9/89 (Fig. 4) the "quartzite-like" feldspar± muscovite dominant rocks are apparently of postmetamorphic, metasomatic origin. This drill hole intersects the structural foot wall of the main massive ore body in the hinge zone of a major fold. The metasomatic character is supported by several features:

1. The contacts between mica schist, microcline gneiss and "quartzite-like" rock are commonly gradual.
2. The same contacts are discordant to the schistosity (Fig. 7).
3. The "quartzite-like" rock contain relict patches of microcline gneiss (Fig. 8).

4. Thin alteration halos around late fractures are composed of light gray or whitish feldspar that seems to be the same as in the lenses of microcline gneiss. These alteration halos also have "saw-like" junctions with the feldspar lenses in the microcline gneiss, but in general they crosscut the main orientation of feldspar lenses in the microcline gneiss (Fig. 9).
The same type of postmetamorphic alteration was suggested for one other occurrence within the body of microcline gneiss (Fig. 4).

In other localities quartzite-like rocks have comformable sharp contacts and probably primary bedding.

Thus the postmetamorphic, metasomatic nature of some of the "quartzite-like" rocks appears to be local phenomena that was controlled by the high permeability of a complex hinge zone of the major fold.

II. The post metamorphic hydrothermal and tectonic history includes at least four major events:

1. Formation of barren quartz±feldspar±biotite±muscovite±gray carbonate veins and veinlets. These veins and veinlets are in conformable relations with the schistosity. The mineral compositions of these veins are in correspondence with the host rock lithologies. In microcline gneiss, veinlets (up to 30 cm in thickness and up to a few m in length) are composed of feldspar with minor quartz, biotite and gray carbonate. In the kyanite-mica schist, the veinlets are dominated by quartz with some kyanite, biotite and minor tourmaline. Mica schist contains quartz veinlets with minor feldspar and in garnet-mica schist quartz veins and veinlets occasionally containing some garnet and biotite. This correspondence suggest equilibrium conditions between the rocks and the fluids responsible for the origin of first stage veins, and it also indicates the lack of large scale circulation of the hydrothermal fluids during this stage.

2. A tectonic event resulted in boudinage and rotation of the first stage quartz±feldspar veinlets and plastic remobilization of pyrrhotite ore. Due to this event we can see:
a) brecciation of first stage quartz imbedded in a matrix of muscovite schist (Fig. 10) and
b) the well known (Vokes, 1963) "conglomerate like" structure where the pyrrhotite matrix

contains rounded fragments of muscovite schist and first stage quartz. Rotated fragments of quartz were also found in the pyrite ore, but they are rare.

3. Just after the tectonic event, massive sulfide remobilization and redeposition took place. It resulted in the formation of galena rich veins, veinlets and disseminations near the massive sulfide body. The style of sulfide redeposition was controlled by competence differences in the host rocks (Fig. 12). This interpretation is based on the fact that veinlets and concentrations of galena with fahlore, chalcopyrite and sulfosalts occur in fractures within and/or along the first stage quartz±feldspar veinlets, and in "quartzite-like" rocks. This is in contrast to disseminated style of sulfide mineralization in muscovite schist or muscovite rich "quartzite-like" rocks in which the sulfides occur as impregnations that mark the schistosity (Fig. 12).

4. The latest hydrothermal event resulted in origination of a few very thin barren white and gray carbonate veinlets, occasionally with chlorite, pyrrhotite and rutile (?). These veinlets crosscut the massive ore (Fig. 11) and the earliest quartz veinlets. Calcite also occurs as patches in sulfide rich portions of the mobilizates. It must be stressed that no clear chronological relations between stage 3 calcite veinlets and stage 2 sulfide mobilizates were found.

Distribution of gold and silver in the ore and adjacent rocks (preliminary results)

Research approach

In order to study the distribution of gold and silver within the ore zone as well as to estimate the potential for precious metals at deeper levels, 11 drill holes in intervals crossing the ore zone along profiles 360 N, 520 N, 700 N, 720 N and 740 N were relogged and sampled (Table 1, Fig. 3, 4, 5, 6). Most attention (6 drill holes) was addressed to profile 520 N where the widest vertical interval is accessible for study, and the structural pattern is most complex (Fig. 4, 5). Profile 700 N provides an opportunity to study the massive ore in the hinge zone of a major recumbent F3-fold, where massive pyrrhotite ore and disseminated mineralization are disturbed and frequently are redistributed. In profile 700 N recent drill holes crossing the upper levels of the ore zone are absent and, therefore, the drill holes from profiles 720 N and 740 N were used[1].

In total, the relogged intervals include the entire thickness of the ore zone. The lengths of the intervals were from 10 to 114 m and in total, relogged intervals comprise approximately 506 meters. During logging, not only different lithologies, but also styles of mineralizations and other details that could be the guides for precious metals (sulfide dissemination, quartz veinlets, brecciation, postmetamorphic alteration phenomena) were recorded.

Intervals that were sampled comprises 350 m within the relogged part. In contrast to the mining company, the sampling was done without interruption. The lengths of individual drill core samples range from 0.05 to 1.3 m, and commonly they are less then 1 m. Total amount of drill core samples, that were collected and analysed for gold, is 478 samples.

A number of underground drill holes intersect only the adjacent wall rock and disseminated mineralization. Therefore, to obtain more data for precious metal distribution in the massive sulfide ore, 30 samples were collected along 5 short underground profiles[2].

To address the second goal of the present study, the modes of occurrence of gold and silver, a large amount of chips for microscopic and microprobe studies were collected. The chips were collected both from the drill cores which were included in the logging and sampling program and collected from drill holes that were analyzed during routine analyses by the mining company and which showed enrichment in gold or silver. In the latter case the gold-silver rich intervals were only investigated for styles of mineralization, without relogging of the entire drill core.

Analytical techniques

Bulk element analyses were conducted by ACME Analytical Laboratories Ltd. in Canada using the ICP-AES technique. Samples (0.25 gram) were digested by 10 ml $HClO_4$-HNO_3-HCl at 200°C to fuming. This leaching is partial for magnetite, chromite, barite, oxides of Al,

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[1] We are still waiting for the analyses of a part of bulk samples from the profiles 700N, 720N and 740N. Thus only data for the drill hole 1/90 are included in this report.
[2] Waiting for analytical results.

Zr, Mn and massive sulfide samples. As, Cr and Sb are subject to partially loss due to volatilization during $HClO_4$ fuming.

Gold was analyzed separately from the other elements using ignition, followed by aqua-regia extraction and Graphite Furnace/Atomic Absorption on the final stage. All data obtained until now are included in Table 2.

The analytical uncertainties were controlled by 11 control samples from NGU (Table 3), by ACME's inner standards CT and AU*-R (Table 4), and by repetition of analyses (Table 5). Average uncertainties are 28.2±19 % in the case of gold (Fig. 13).

Microprobe analyses were made on Jeol Superprobe 733 at IKU, Trondheim with the assistance of Mr. Tony Boassen. Representative analyses and main analytical conditions are included in Table 7.

Preliminary results

Before the field work we expected to find gold and silver enrichment in mobilizates (according to F.Vokes suggestion) and in graphite rich rocks due to its redox/adsorption properties, and finally in sulfide poor quartz±feldspar veins, lenses and veinlets.

During the study of gold and silver rich intervals from the drill holes it was clear that mobilizate type mineralizations[3] are dominant within these intervals. This is in agreement with F.Vokes observations.

434 samples collected from 8 drill holes have been analyzed so far (table 2). The gold content in the ore and wall rocks is generally below 100 ppb. Sometimes the massive pyrite-sphalerite ores show gold enrichment up to 300 ppb such as in the case of BH 24/91.

Only 10 samples came up with more than approximately 0.45 gold ppm and the highest values are 2.26, 2.29 and 12.45 ppm. The total metal (Zn+Pb+Cu+Ag) content in the three most rich samples is in the range 1.3-1.6 wt. %. The other gold rich samples (>0.45 ppm) have much higher total metal content (except one sample), in the range 3.3-14.3 wt. %. These samples comprise mobilizates (quartz veins with sulfides and veinlet-disseminated mineralization in quartzites and muscovite schists) and massive pyrrhotite ore, enriched in galena.

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[3] Under the term mobilizates we mean the quartz veins with variable sulfide content and galena as a main sulfide, and galena rich veinlet-disseminated mineralization in muscovite schist, quartzite-like rocks and in microcline gneiss.

Only a moderately positive correlation between gold and silver (r_{Au-Ag}=0.47) is found for all analyzed samples (table 6). No significant correlation was found between gold and other elements included in the analyses. In contrast, silver is well correlated with Pb (r_{Ag-Pb}=0.72), Bi (r_{Ag-Bi}=0.76), Sb (r_{Ag-Sb}=0.65) and has a moderate correlation with Fe, Zn, Cd, Cu, Sn, Mo (r from 0.42 to 0.54). This means that the main part of silver is not present in the gold bearing minerals, but in gold free minerals, like fahlore, silver sulfosalts and others. It seems to be in agreement with the known data (Vokes, 1963; Eidsmo et al., 1984; Malvik and Pilstrøm, 1985; Paul Spry, personal communication, 1995). Correlation analyses for different types of mineralization are on the way and will be included in the next report.

The distribution of Au along the drill core (Fig. 14-22 and 23-30) is similar to Ag, base metals and Fe. The intervals of moderate (approximately 30-100 ppb of Au) gold enrichment occur within the massive sulfide intersections, which could be outlined by distribution of base metals and Fe. The most gold rich intervals coincide with mobilizates (Fig. 31, 32). On the plots (Fig. 14-22) these intervals have a low contents of Fe and, commonly, also Zn. The best correlations is found between Au and Ag, Pb, and Cu. The rocks without lead, zinc and copper sulfides, including graphite schists with pyrrhotite, quartzite-like rocks with only pyrite and pyrrhotite and sulfide free quartz±feldspar veins and veinlets, have a low content of gold (commonly below 10-20 ppb).

The three most gold rich intervals (> 2 ppm of Au) were found in the drill holes 28/91 (Fig. 21) and 9/89 (Fig. 22) from profile 520N. The drill hole 28/91 intersects the complex foot wall of the ore zone, within the hinge zone of the major fold (Fig. 4, 5). In this case there are evidences of postmetamorphic alteration that resulted in replacement of microcline gneiss and mica schist by a quartzite-like rock. Drill hole 9/89 intersect the structural foot wall of the ore body just at its termination (Fig. 4, 5).

On the profile 520N, the most gold rich massive ore (a few hundreds ppb of Au) was intersected by drill hole 24/91 (Fig. 20) in the hinge zone of the same fold as for drill hole 28/91 (Fig. 4, 5). Contrary to this, all deep intersections from profile 520N in drill holes 5/90, 4/90 and 39/93 (Fig. 16-19) show very moderate gold enrichment (commonly below 100 ppb and up to 200 ppb).

At the profile 700N, in the drill hole 1/90 (Fig. 14), all the intervals enriched in gold (up 840 ppb Au) coincide with mobilizates. These mobilizates were found along the lower contact of the thin massive pyrrhotite ore, and approximately 15 m above and below this ore. At the profile 360 N in the drill hole 2/90 (Fig. 14), mobilizates enriched in gold (up to 624 ppb) also occur along the contacts of the laterally extensive massive ore and within it in intervals with intercalation of schists and quartzite-like rocks marked by relatively low Fe content.

Comparison of average gold contents in the different ores and rocks clearly illustrates that mobilizates are the most gold rich type of mineralization, followed by pyrite and pyrrhotite sulfide ore (Fig. 31, 32). The most gold rich mobilizates are controlled by the hinge zone of the main fold in the Northern Ore Body (Fig. 5). An attempt to follow these localities along the strike and dip could be promising. The chance to obtain an additional portion of mineable disseminated ore due to gold enrichment still exists. Another recommendation is to check for gold at the terminations of the massive sulfide bodies, because gold enrichment could upgrade the weak sulfide ore in such localities.

Summary

1. The gold mineralization seems to be closely associated with the massive sulfide ore. Therefore, it can not be supported that the gold was superimposed from another source than from massive sulfide mineralization of the Bleikvassli deposit.

2. A moderate gold enrichment characterizes the massive ore.

3. The highest gold contents are always associate with mobilizates.

4. The most gold rich massive ore and mobilizates have been found in the hinge zone of F3-folds. The mobilizates at the lateral termination of the massive sulfide body also show high gold contents.

Mode of occurrence of gold and silver in the ore and adjacent rocks (preliminary results)

Only a limited number of analytical data for minerals has been obtained so far. During underground surveying, a sample with a visible alloy-like white mineral was found and later identified as native silver. It occurs as thin veinlets along the contact of microcline gneiss with chalcopyrite-fahlore mobilizate. Visible gold was not observed in the surface/underground outcrops or in the handsamples.

Preliminary optical microscopy confirmed the presence of native silver in the hand sample. Silver was also found in a few samples from the deepest gold rich interval in the drill hole 88/94 during microscopy and were confirmed by microprobe analyses (Table 7).

In the drill hole 88/94 many thin veinlets and grains of native silver intergrown with allargentum (Ag_6Sb), native arsenic and chalcopyrite were found in fahlore (tennantite and tetrahedrite) and in gangue matrix during microscopy/microprobe study (Table 7). Electrum (69 wt. % Au, 31 wt. % Ag, Table 7) was also recognized in the same sample as a thin veinlet intersecting an arsenopyrite crystal. Pyrrhotite, chalcopyrite and galena are common in the gold-silver bearing assemblage, whereas sphalerite is extremely rare.

Native silver and allargentum have been identified for the first time in the Bleikvassli deposit. The presence of native arsenic in the ore from Bleikvassli deposit was previously suggested by Vokes (1963), but has been proved in this study, by quantitative microprobe analyses (Table 7). Two varieties of native arsenic are recognizable. The first one is pure arsenic without any significant admixtures. This type is gray in color under microscope and has a characteristic porous structure on its surface. The second type is clearly brownish, has a strong bireflectance and anisotropy, and has a much better polished surface. This type has a significant admixture of Sb (>4 wt. %) and Cu (>2 wt. %), Ag was identified occasionally, and also in a single point approximately 1.6 wt. % of Ge was detected on the Kα line, during semiquantitative EDS study. However, the presence of Ge was not confirmed by quantitative microprobe analyses employing the As Lα line (Table 7).

In another sample from the drill hole 88/84[4] native gold and mercury rich electrum were identified together with allargentum (Fig. 34, 35 and Table 7 - sample 20-8894). In one spot a large native gold grain occur in the core, and Hg rich electrum occurs as an interrupted rim around it (Fig. 34). Allargentum occurs as an outermost rim around Ag-Au alloys (Fig. 34). In another intergrowth in the same sample, Hg rich electrum is enclosed in the allargentum matrix. Complex zoning pattern were recognized. Hg rich electrum has a gold rich core and

[4] This interval was not sampled by the mine.

silver rich periphery as could be concluded from the color density on the image in back scatter (Fig. 35) and from the point microprobe analyses (Table 7).
In a polished section from the silver rich interval in the drill hole 18/88 white, silver like electrum, pyrargyrite and Ag-Sb compound were found in complex intergrowths with galena, native antimony, acantite[5], and Pb-Sb sulfosalt. In this sample, the minerals were identified by qualitative EDS microprobe analyses.

Inclusions and veinlets of native gold and Hg bearing electrum (up to 20 μm in thickness) were identified in the sample 188/95 GM (Table 7). It was collected in an underground mining working from a tectonite with mobilizate type mineralization, just on the contact to the massive sulfide ore body. Ag-Au alloys occur within a large pyrite crystal together with galena and Pb-Sb-As sulfosalts.

In all samples with a gold content more than 2 ppm from the profile 520N, native gold (or electrum) was recognized during optical microscopy and microprobe study. In the polished section 1/989 (drill hole 9/89, interval 0-0.5 m, gold content 2.3 ppm) a single intergrowth of electrum and native gold was found (Table 7, Fig. 33). This sample was derived from the "quartzite-like" feldspar rock with mobilizate type sulfide veinlets. The complex gold-electrum grain has a size ~ 10 μm and occurs on the boundary between quartz and microcline together with tennantite, chalcopyrite, stannite(?), boulangerite(?), bournonite (?). Quantitative microprobe analyses confirmed the presence of electrum and native gold (Table 7). Semi-quantitative EDS microprobe analyses confirmed the presence of PbSb(±As)S (boulangerite?), PbCuSbS (bournonite ?), CuFeZnSnS (stannite?) and NiSb(±S - ?) (breithauptite ?) in this sample.

In the sample 256/95 GM that was collected in the underground working face just above the drill hole 9/89 (Fig. 4), Ag-Au alloys were found together with native arsenic, galena, fahlore, allargentum, chalcopyrite and very small and rare sphalerite during microscopy/qualitative EDS microprobe study. This sample is from a thin mobilizate type veinlet.

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[5] Acantite was reported by Eidsmo et al., 1984 and by Malvik & Pilstrøm, 1985 under the name argentite. Native antimony was reported by Skauli, 1992.

31 grains of Ag-Au alloy (from 1 to 25 μm) were found in three polished sections from the drill hole 28/91 (sample 27/2891, interval 17.8-18.4 m, gold content 12.5 ppm). They occur in "quartzite-like" feldspar-muscovite rock with mobilizate type veinlets and impregnation. In one of the polished sections, Ag-Au alloys were analyzed and a wide range of composition was obtained (Table 7). The gold content in the alloys is in the range from 80 to 29 wt. % and thus includes both electrum and native gold. Electrum has a notable admixture of Hg.

Ag-Au alloys in the sample 27/2891 occur as inclusions in gangue matrix and in intergrowths with galena, chalcopyrite, Pb-Sb-As sulfosalts and fahlore. White rims of electrum (?) and allargentum (?) were also found around some of the gold grains, but they were not checked on the microprobe due to their small size. A few small cassiterite grains were also found in this sample. Jalpaite $(Ag_3Cu_1)S_2$ was identified in this sample as an inclusion in a feldspar matrix. This mineral is not stable under the electron beam and is the reason for sulfur loss and low total (Table 7). But the Ag/Cu atomic ratio 3/1 is stable, and thus we can identify this mineral as jalpaite. It is the first discovery of jalpaite in the ore from Bleikvassli deposit.

In the polished section 40/2891 (drill hole 28/91, interval 45.15-45.30 m, gold content 2.3 ppm) from a quartz veinlet with galena along its contacts, a single grain of native gold was identified (Table 7). It is small (approximately 5 μm) and occurs together with pyrargyrite, galena, fahlore, chalcopyrite, boulangerite (?), and gangue.

Native gold and white electrum were identified in a number of other samples from drill holes and underground workings and they are still waiting for microprobe study. For example native gold, allargentum and a pyrargyrite-like mineral were recognized in two places in the sample from the drill hole 15/93 shown in Fig. 12.

Native bismuth was recognized in a few intervals in the drill holes 4/90 and 5/90. This mineral was identified for the first time in the Bleikvassli deposit (Table 7). It occurs as small inclusions in galena together with probably Pb-Bi[6] sulfosalts, pyrrhotite, breithauptite, fahlore. Native bismuth has an admixture of only antimony (approximately 1 wt. %). The other minerals in this assemblage were checked by qualitative microprobe analyses.

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[6] Uncertain due to strong overlap between the analytical X-ray lines of Pb and Bi.

In general Ag-Au alloys occur in the mobilizate type mineralizations. A wide range from pure native silver to native gold was recognized (Fig. 36). The binary Ag-Au system is complicated by significant admixture of Hg in the case of electrum (Fig. 37, 38) that is replacing some gold in the lattice of this mineral. The sequence of deposition could be concluded from the relationships between native gold and Hg rich electrum, and from the zoning pattern in electrum (Fig. 34, 35). Thus the native gold without mercury was deposited earlier than mercury rich electrum. During precipitation of electrum the silver content was growing in time. But we still have no data about temporal relations between electrum + native gold and native silver. The compositional gaps between native gold and electrum, and between electrum and native silver could be real, but the gaps need to be proved (Fig. 36). Admixture of copper is very minor in Ag-Au alloys (Fig. 38) and the presence of antimony in the mercury rich electrum is the result of influence from the allargentum matrix and/or rims during micro-probe analyses.

The size of the grains of the Ag-Au alloys are in the range from less than 1 to more than 100 μm (Fig. 34), but the main part of grains have a size below 25 mm. Galena, chalcopyrite, fahlore, Pb-Sb-As sulfosalts, pyrite and gangue are the main host minerals for Ag-Au alloys.

Summary

1. Native gold and mercury rich electrum are the main modes of occurrence of gold in the mobilizate type mineralization. The dominance of galena, chalcopyrite, fahlore and gangue as host minerals for gold, could explain why high concentrations of gold seem to be related to the lead-copper concentrate produced during the beneficiation process. It is also suggested that significant quantities of gold might be lost with pyrite and gangue minerals in the tailings.

2. Silver-gold mineralogy is more complex than suggested before (Vokes, 1963; Eidsmo et al., 1984; Malvik and Pilstrøm, 1985; Paul Spry, personal communication, 1995) and we need to add native silver, native gold, mercury rich electrum[7], jalpaite and allargentum in the list of silver-gold minerals.

3. The presence of native arsenic previously suggested by Vokes (1963), has been proved and native bismuth has been found for the first time in the Bleikvassli deposit. Two types of native

[7] Electrum like mineral was previously reported by Liebmann (1986, unpublished data) and by Craig & Vokes (1992), without microprobe confirmation.

arsenic is possible to recognize: pure arsenic and antimony-copper rich arsenic. This mineral seems to be related to the silver-gold minerals.

4. The mode of occurrence of gold in the massive ore remains enigmatic due to the lack of native gold and/or electrum. We can speculate whether gold in the massive ore occur as substitution impurities in some of the sulfides or as sub-microscopic inclusions that remain to be documented.

5. Although substantial research still has to be done, it seems plausible that the gold we have found in the mobilizates was derived from the massive sulfides, subsequently to the formation of the Bleikvassli ore deposit.

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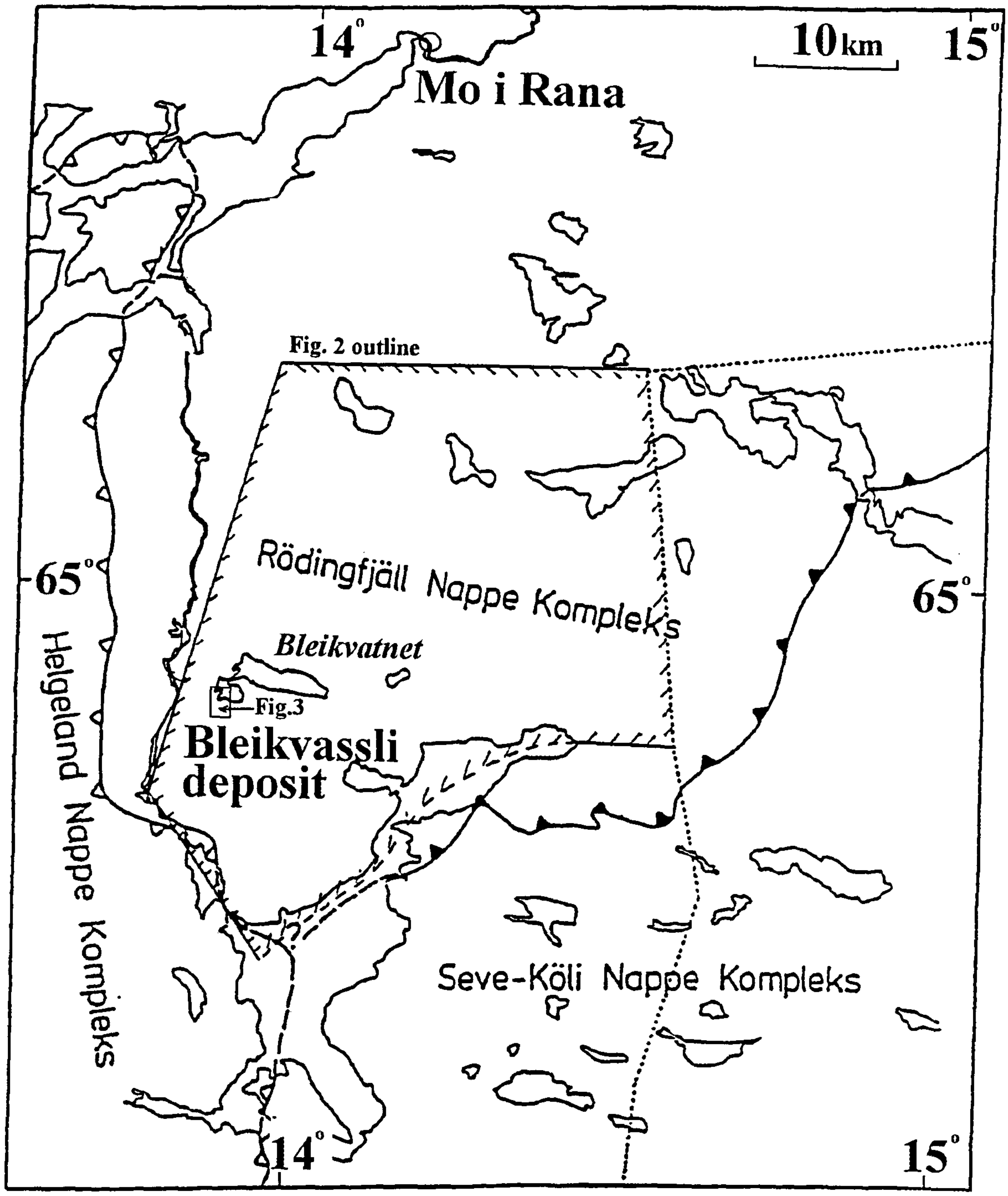


Fig. 1. Geographic and tectonostratigraphic setting of the Bleikvassli deposit. The positions of the Fig. 2 and Fig. 3 are outlined.

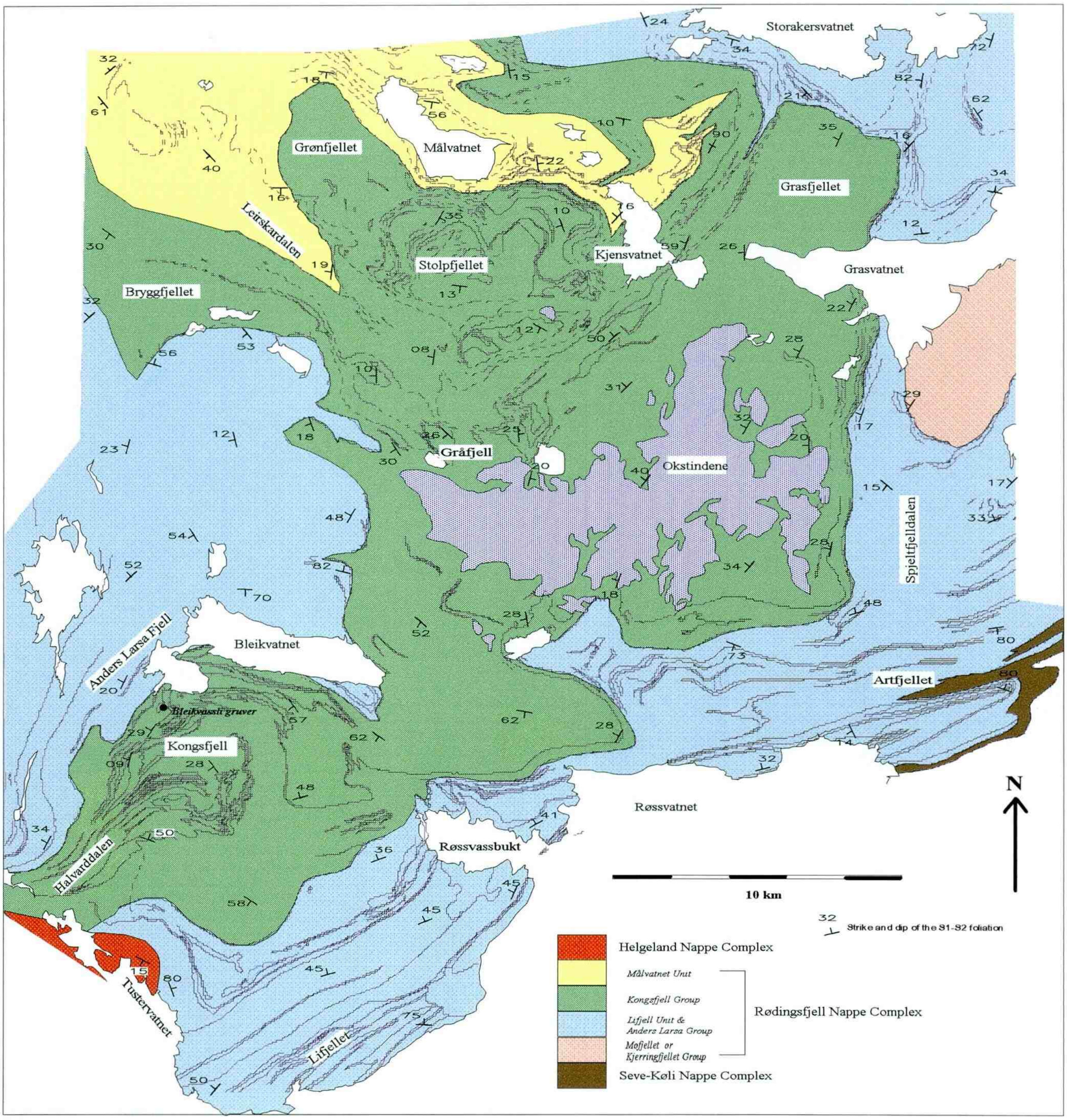


Fig. 2. Geological map of the Bleikvassli region (from T.Bjergård et al., 1995).

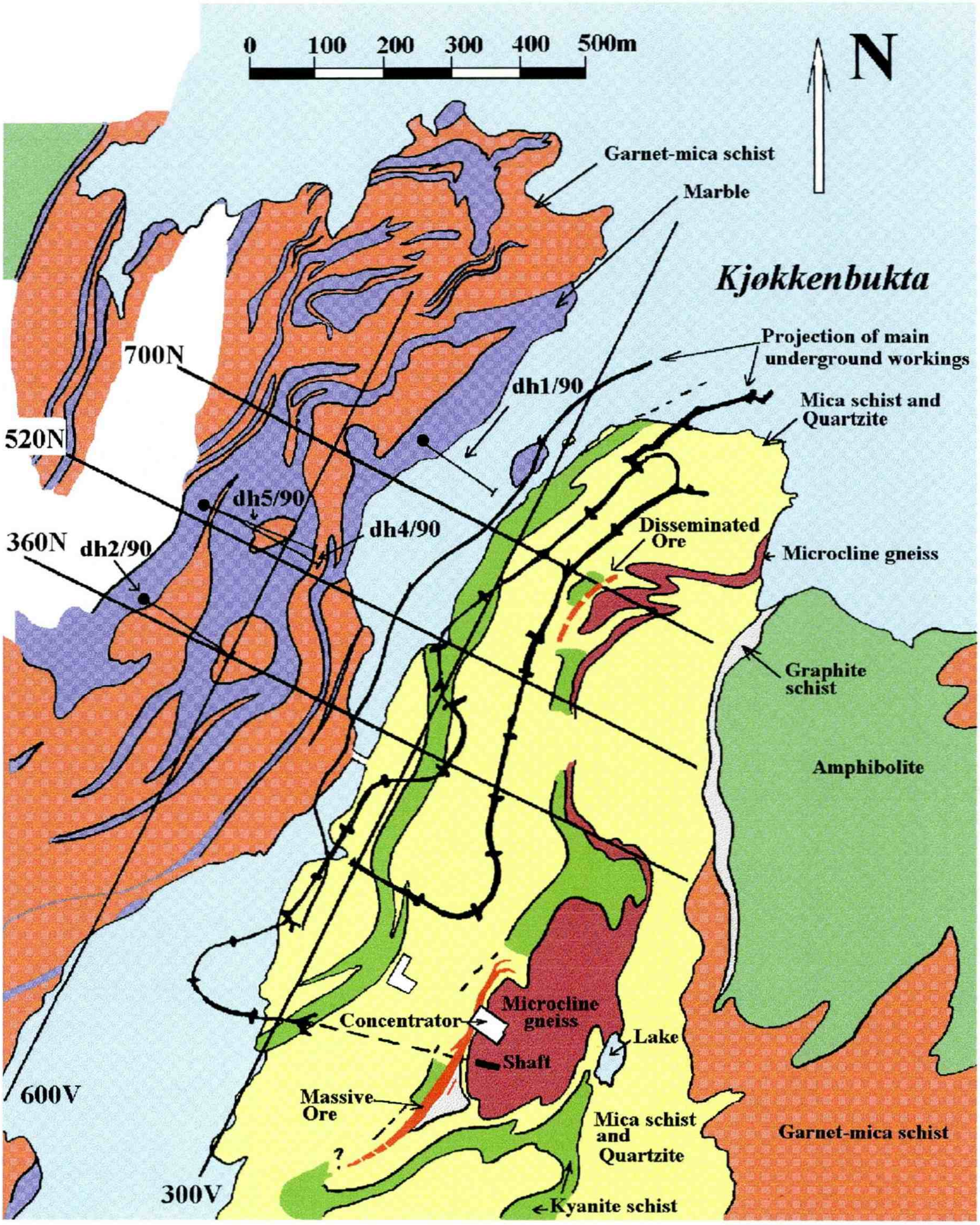


Fig. 3. Geological map of the Bleikvassli deposit (simplified from I.Rui, 1991).

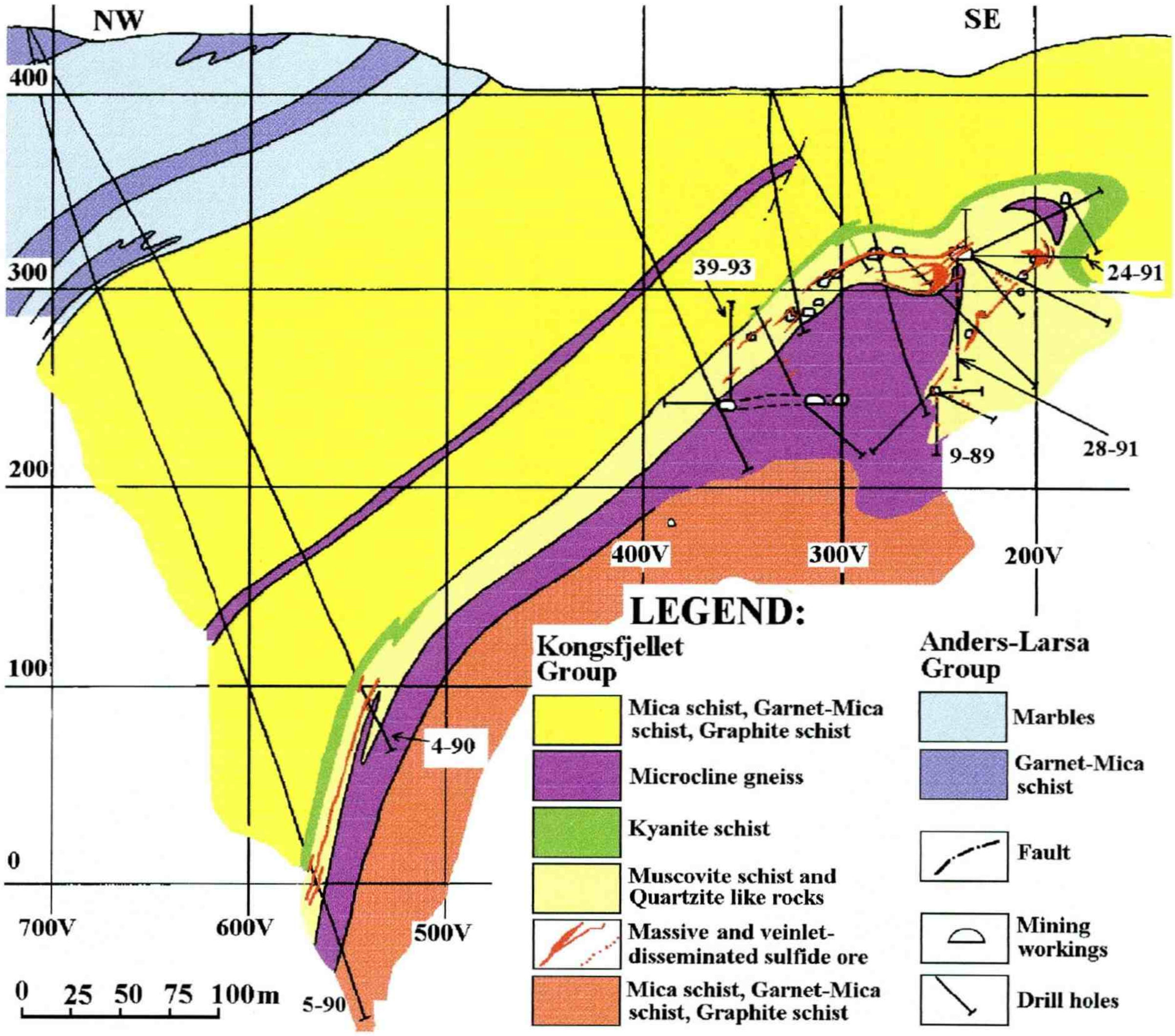


Fig. 4. Cross section 520N. Sampled drill holes marked by numbers. Interpreted from the data of Bleikvassli Gruber and I.Rui (1991).

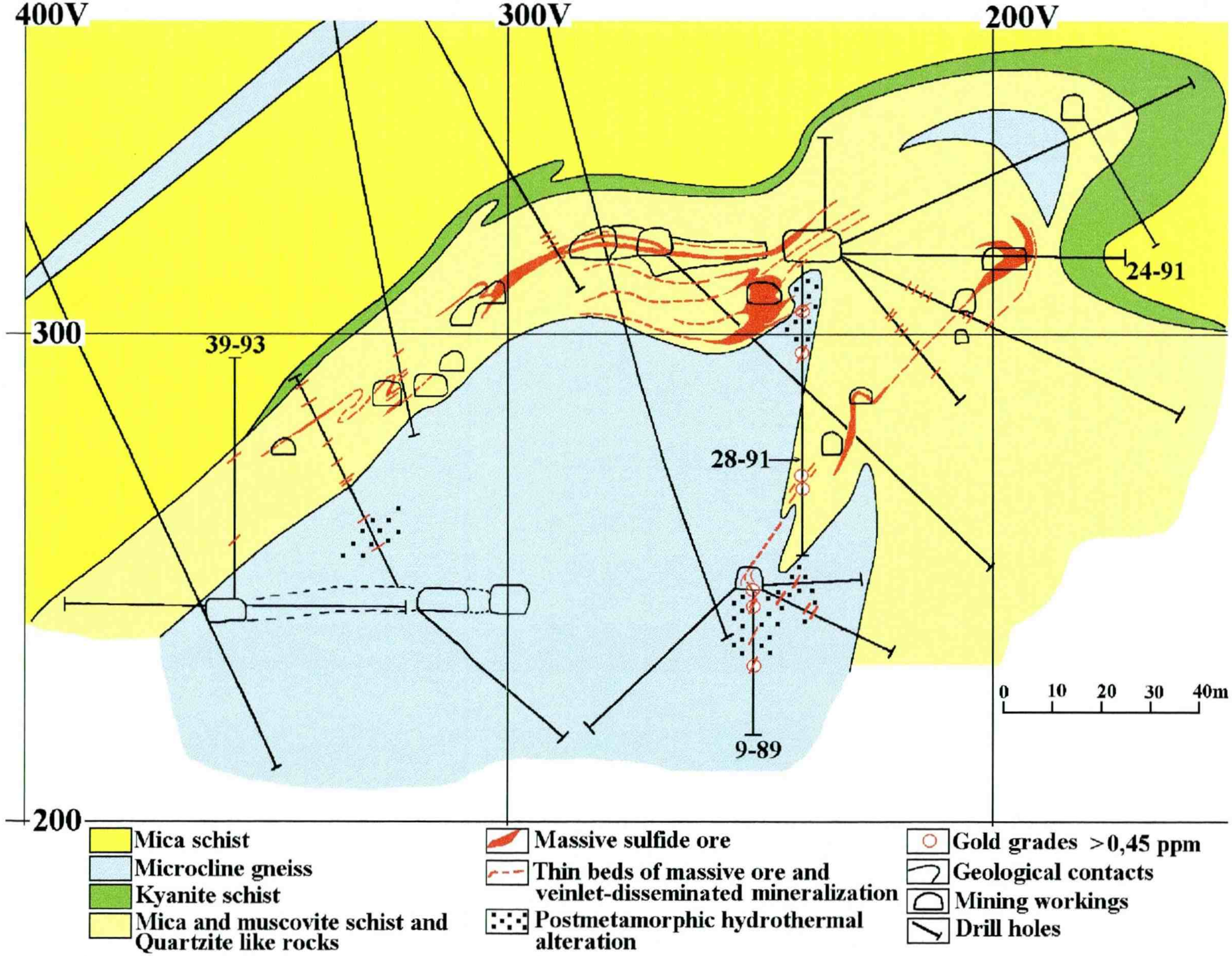


Fig. 5. Cross section 520N looking north-east. Sampled drill holes marked by numbers. Interpreted from the data of the Bleikvassli Gruber. Note some disagreement in the interpretation with Fig 4. "Quartzite like" feldspar rocks and muscovite dominant schist near the drill hole 9/89 are interpreted as a postmetamorphic hydrothermal alteration after microcline gneiss.

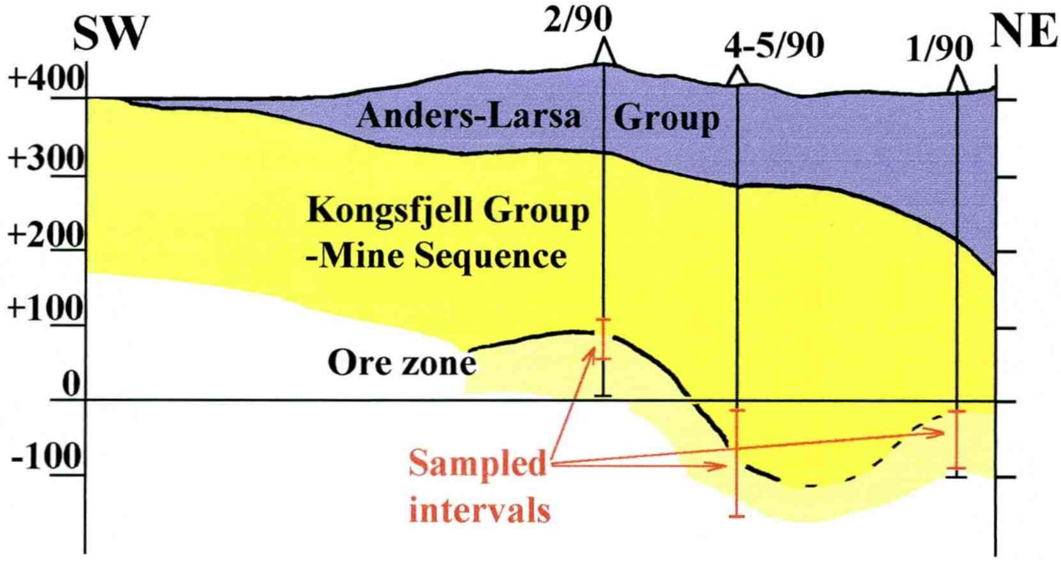


Fig. 6. Geological cross section 400V along the strike of the North Ore Body with location of the sampled intervals on the deep levels (simplified from I.Rui, 1991).

Fig. 7. Sketch of drill core from BH 28/91 (Sample 30; 20.35 m). Contact between "quartzite like" rock and microcline gneiss crosscuts schistosity. Scale approximately 1:1.

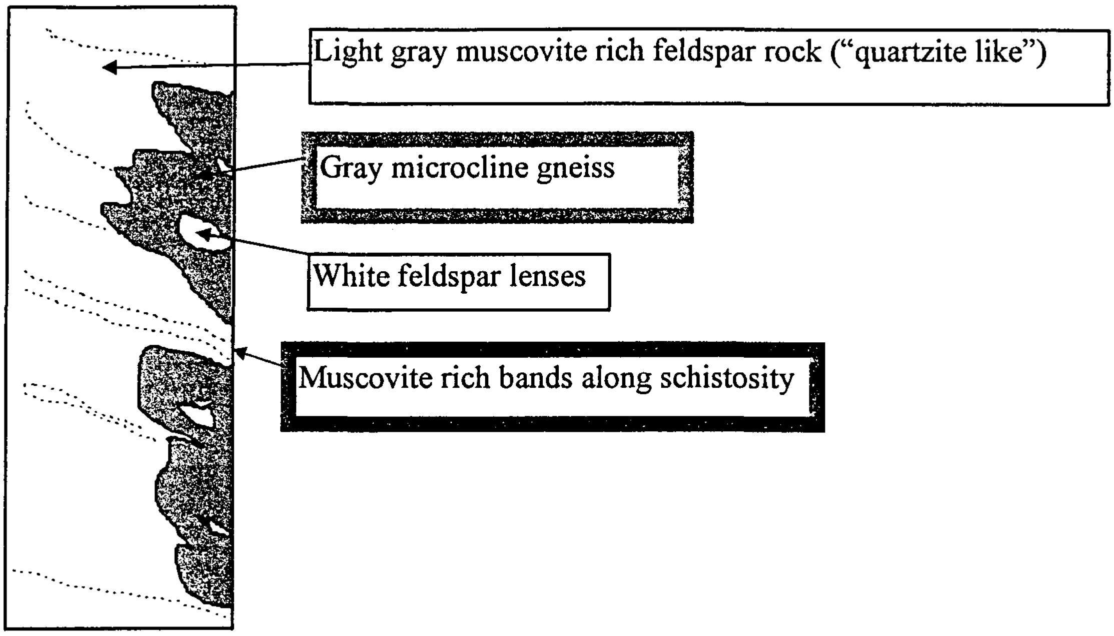
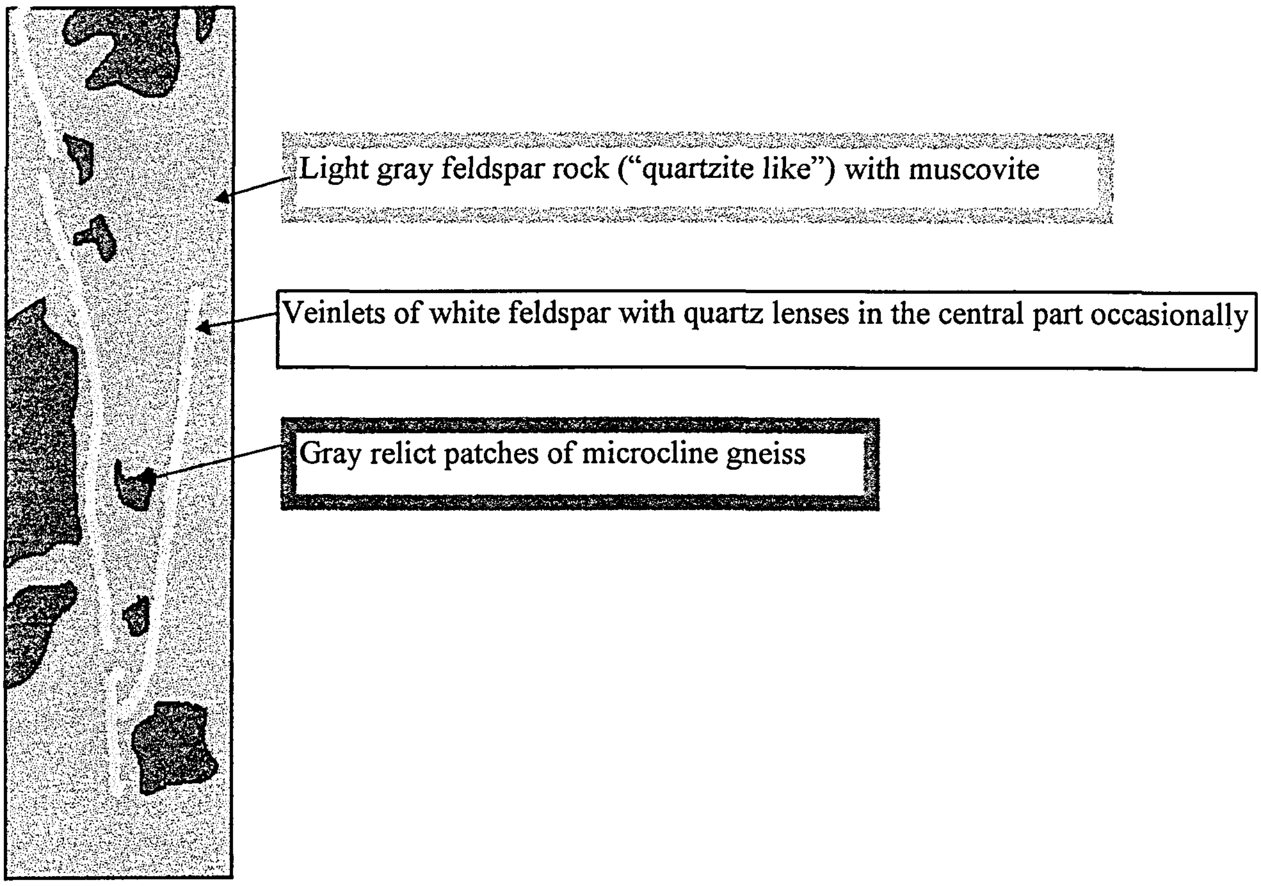


Fig. 8. Sketch of drill core from BH 28/91 (Sample 10; 5,25 m). Light gray feldspar rock ("quartzite like") with muscovite contains relicts of microcline gneiss as a gray patches. Scale approximately 1:1.



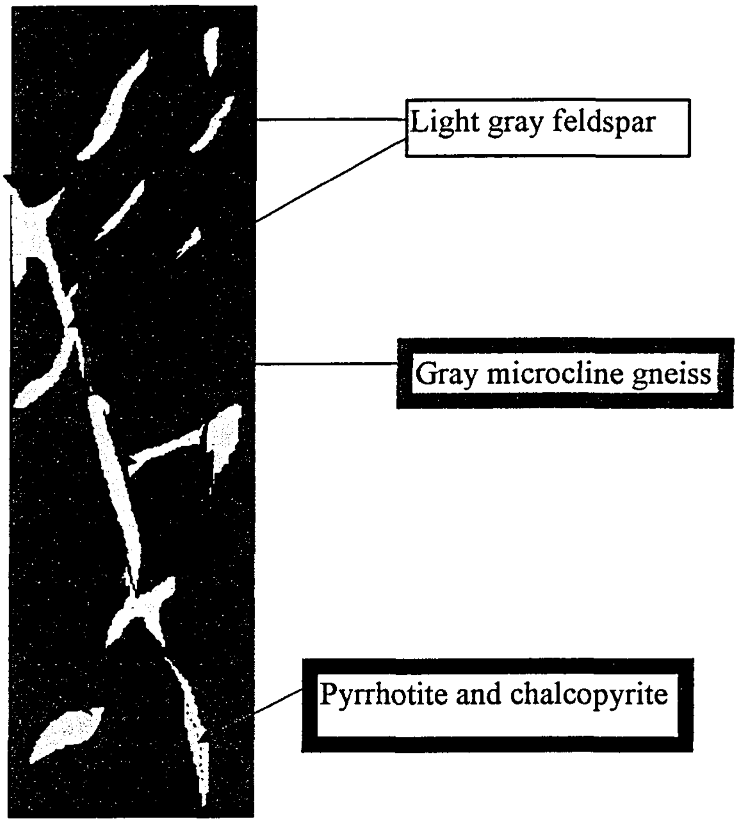


Fig. 9. Sketch of drill core from BH 28/91 (7.75 m). Sample 13. Dark gray microcline gneiss with light gray feldspar alteration halo around a fracture. The halo cross cuts the main orientation of feldspar lenses in microcline gneiss and contains very thin pyrrhotite-chalcopyrite veinlet within. Scale approximately 1:1.

Fig. 10. Sketch of drill core from DH 1/90 (Sample 29-1, 447.7 m). White quartz and quartz-feldspar breccia in muscovite schist with late disseminated sulfide-sulfosalt mineralization both in quartz and in the schist. Scale approximately 1:1.

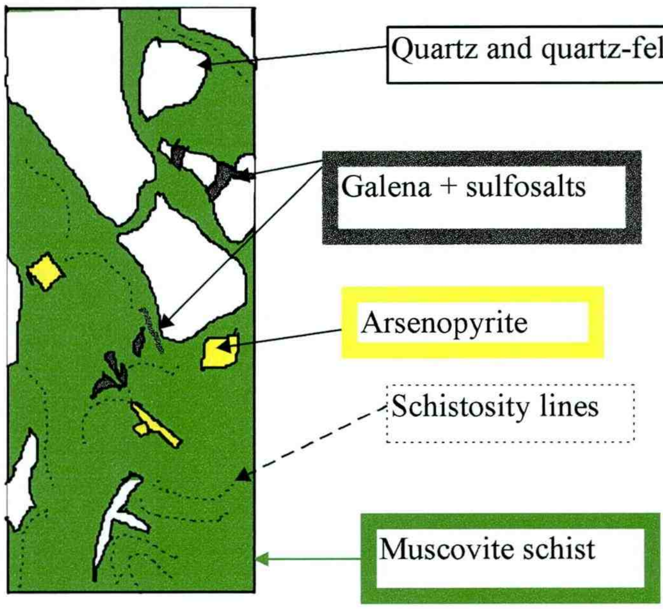
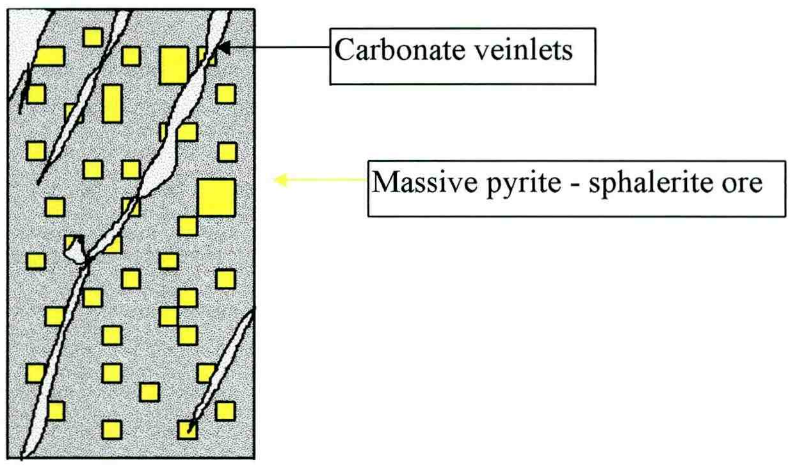


Fig. 11. Sketch of drill core from BH 25/89 (sample 4; 9.6 m). White carbonate veinlets with minor galena cross cut the massive pyrite-sphalerite ore. Scale approximately 1:1.



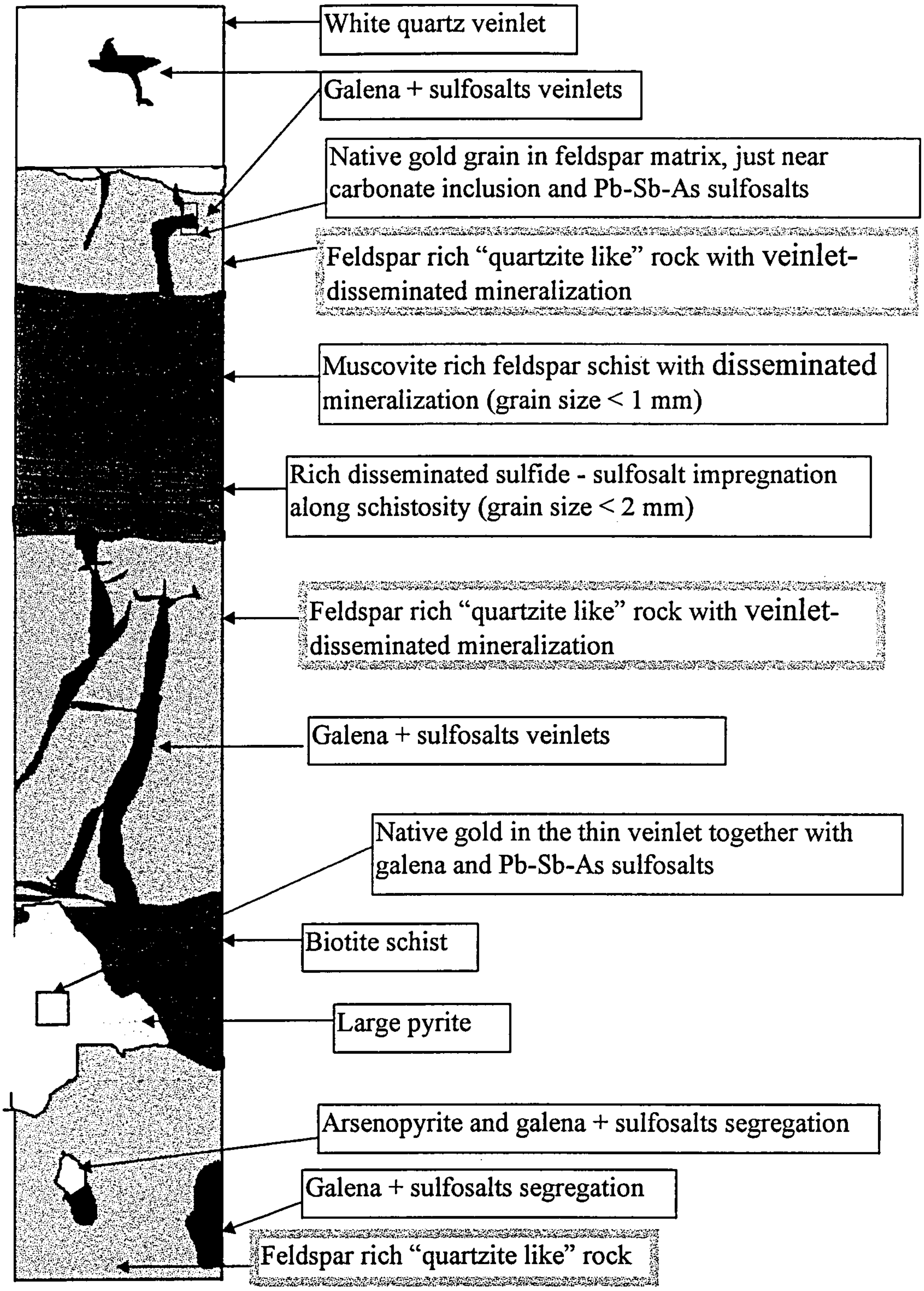


Fig. 12. Sketch of drill core from BH 15/93 (sample 2-7; 38,5 - 38,7 m). An example of lithological control of the latest (mobilize type) veinlet - disseminated mineralization: Galena - Sulfosalt veinlets occur within feldspar rich beds, on the contact with muscovite rich beds these veinlets are branching along the contact and along schistosity, and in the muscovite rich beds disseminated mineralization is dominant. Scale approximately 1:1. Native gold was recognized microscopically in this sample in two localities.

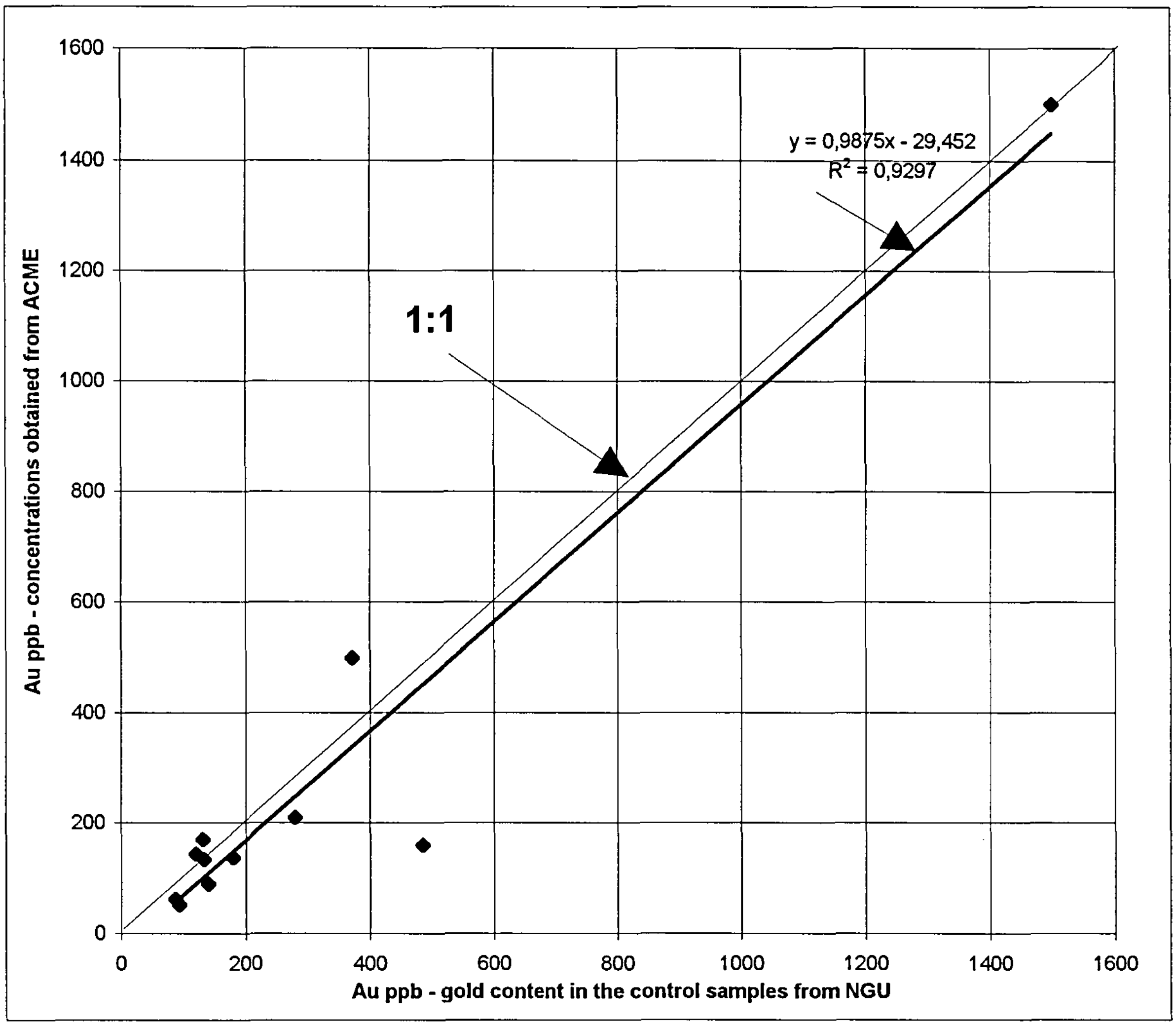


Fig. 13. Gold content in the control samples from NGU versus ACME's results

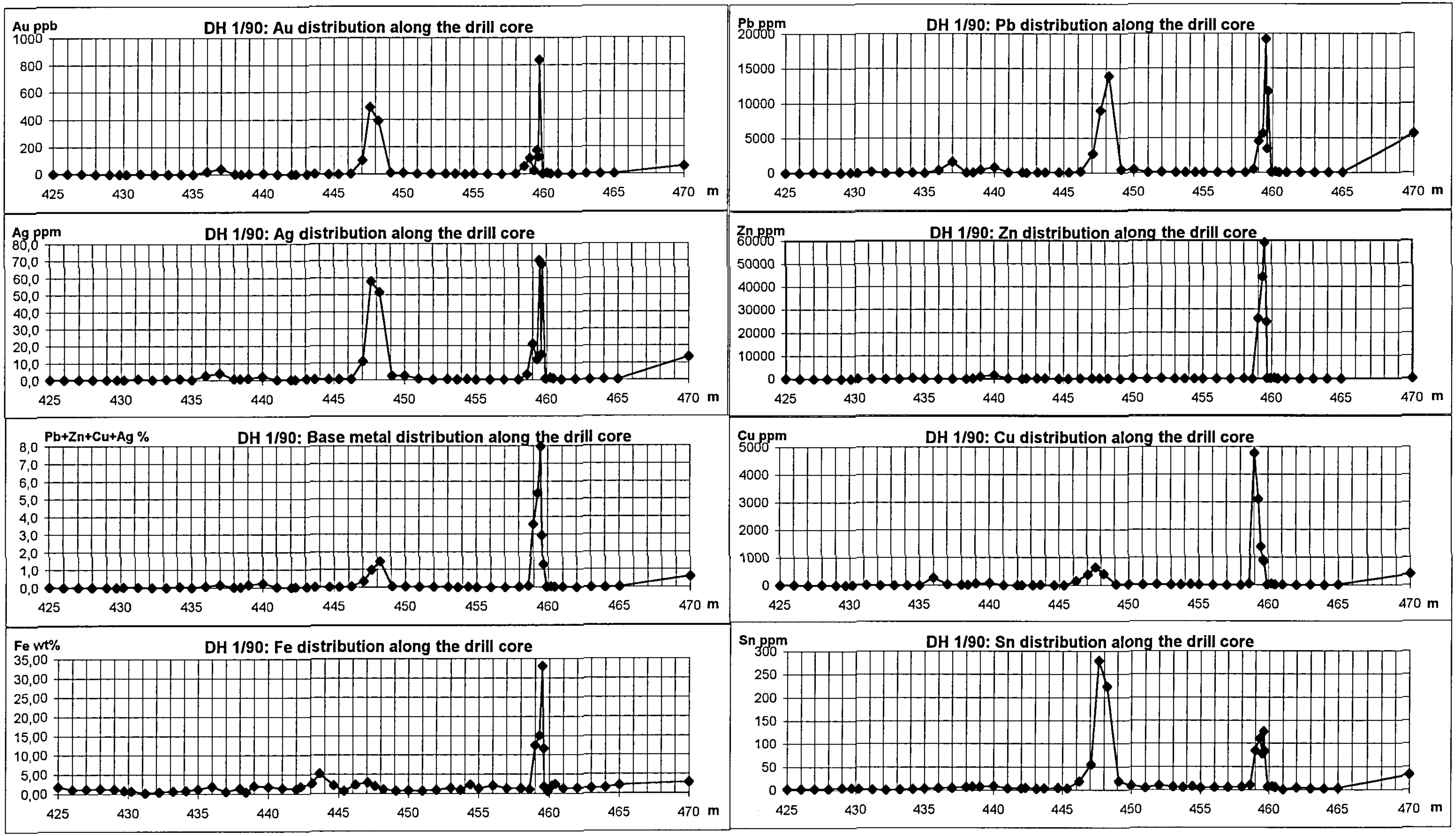


Fig. 14. Distribution of metals in the drill hole 1-90.

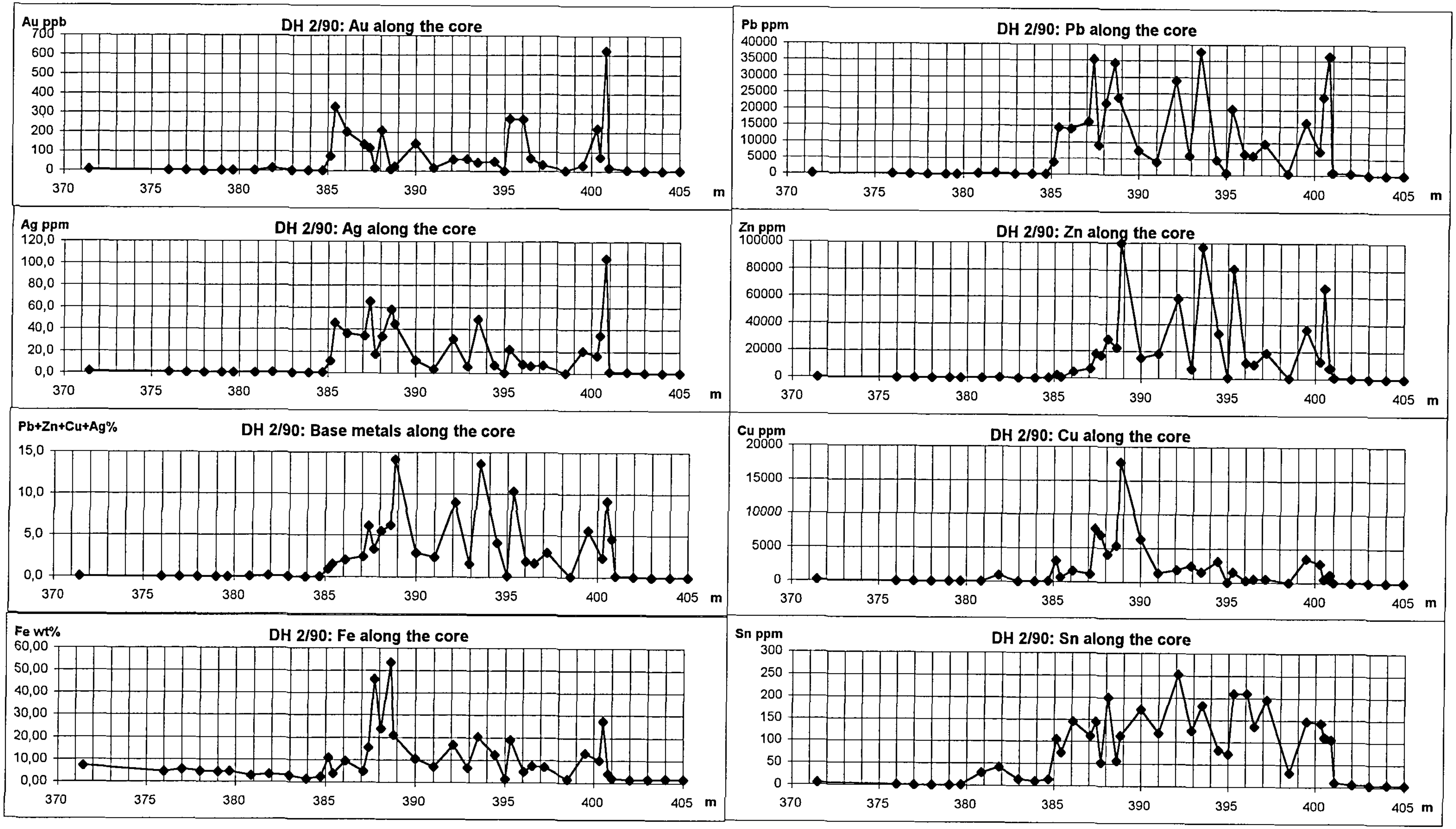


Fig. 15. Distribution of metals in the drill hole 2-90

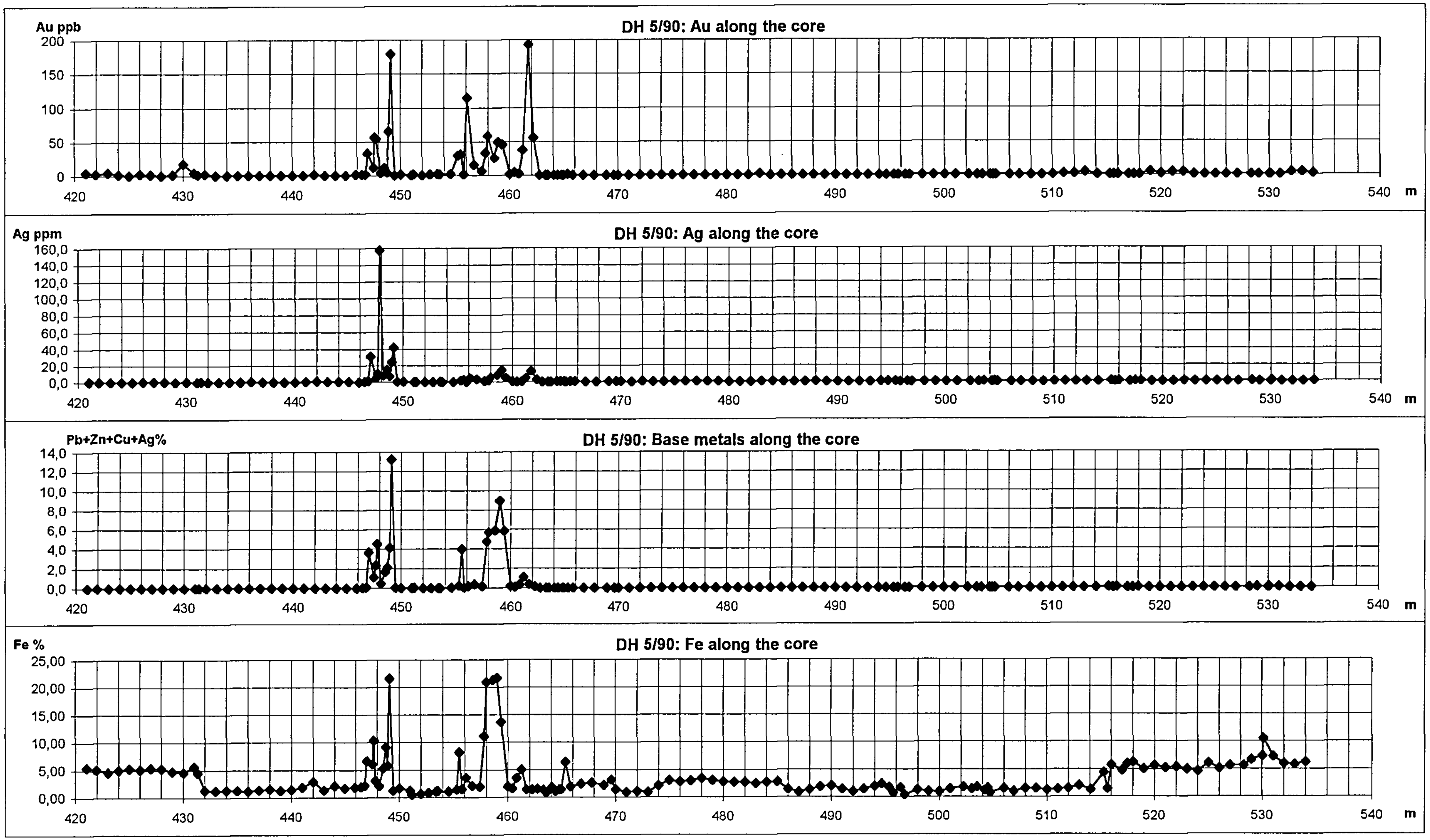


Fig. 16. Distribution of metals in the drill hole 5-90. First part.

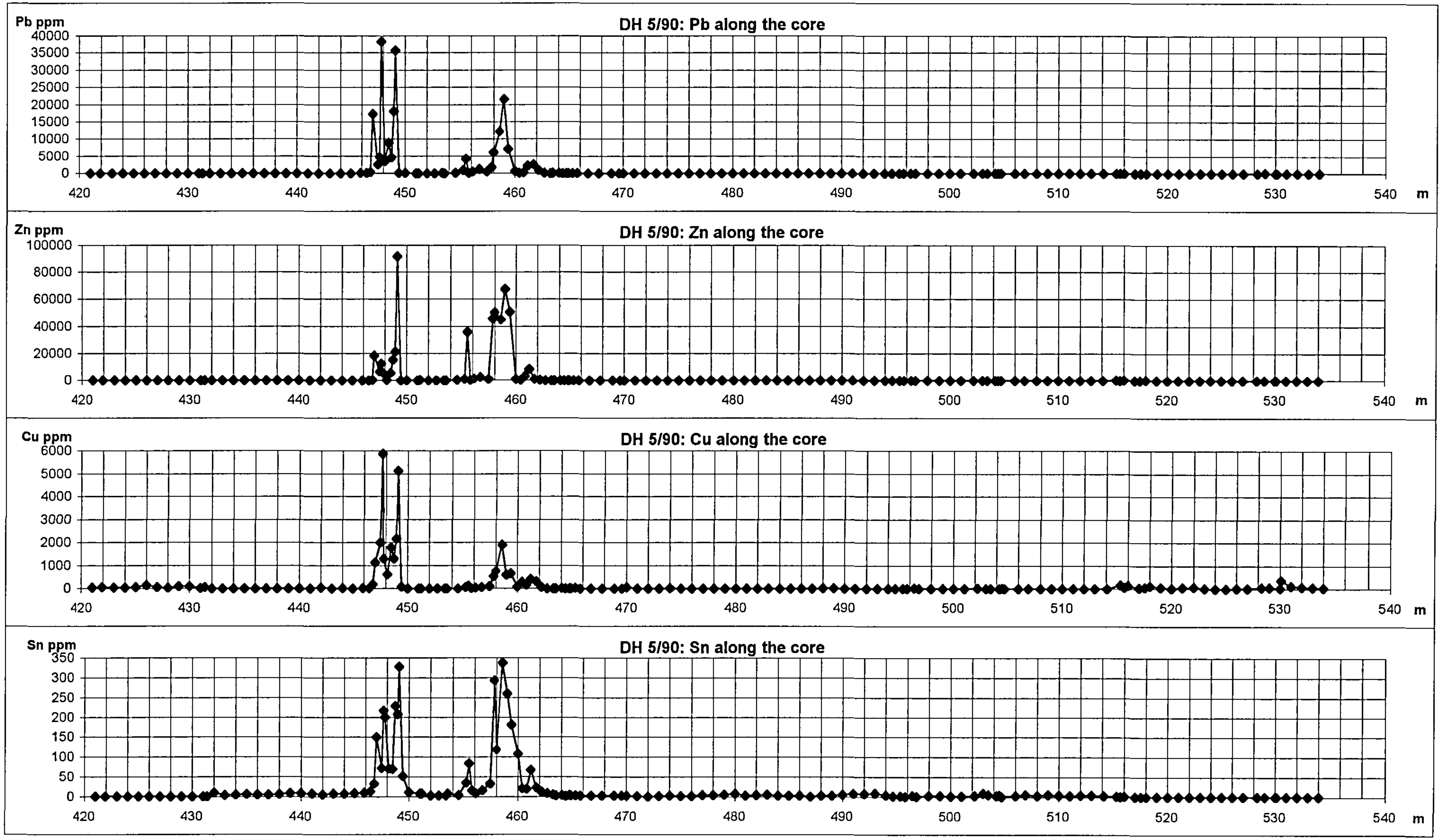


Fig. 17. Distribution of metals in the drill hole 5-90. Second part.

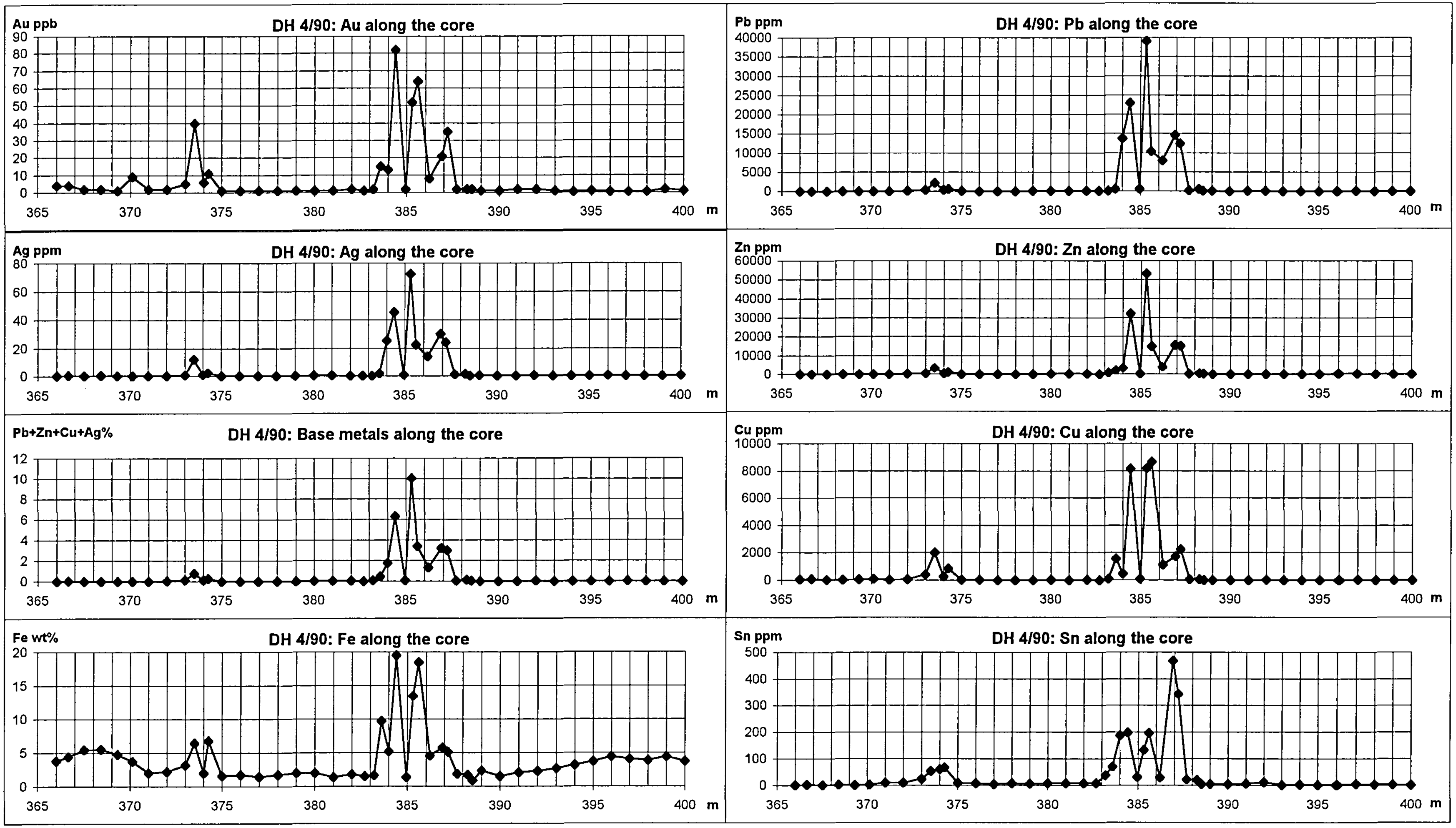


Fig. 18. Distribution of metals in the drill hole 4-90.

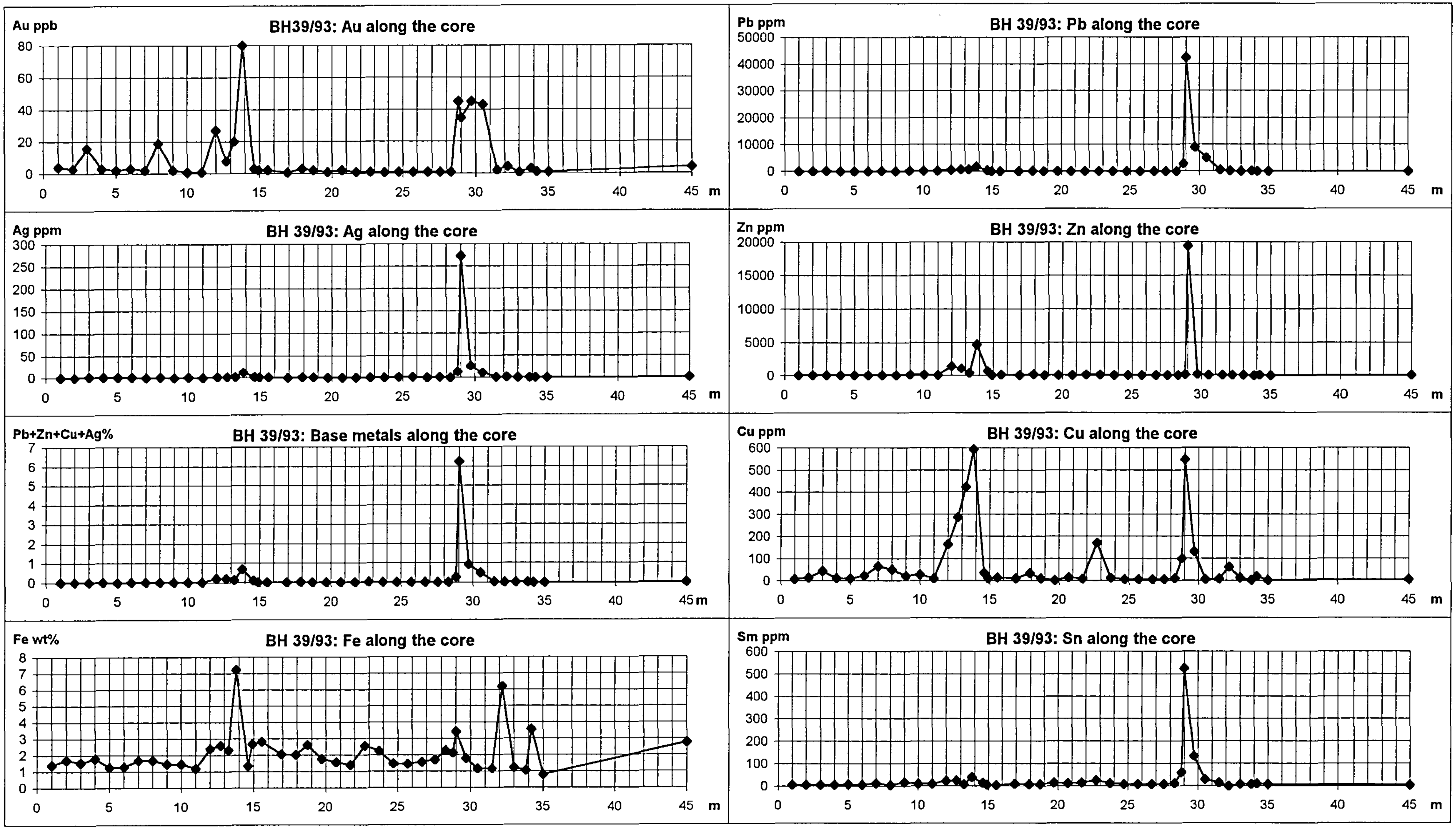


Fig. 19. Distribution of metals in the drill hole 39-93.

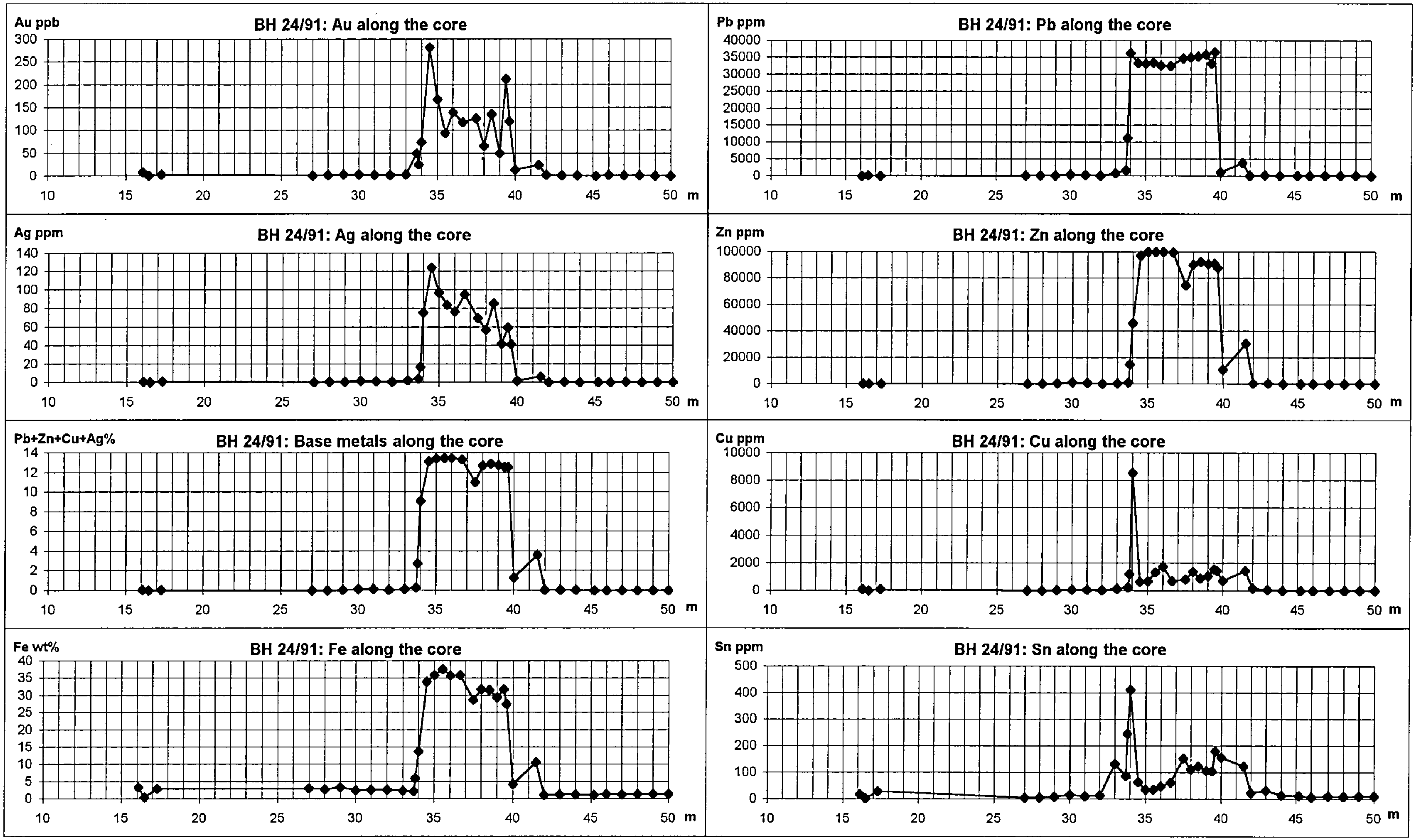


Fig. 20. Distribution of metals in the drill hole 24-91.

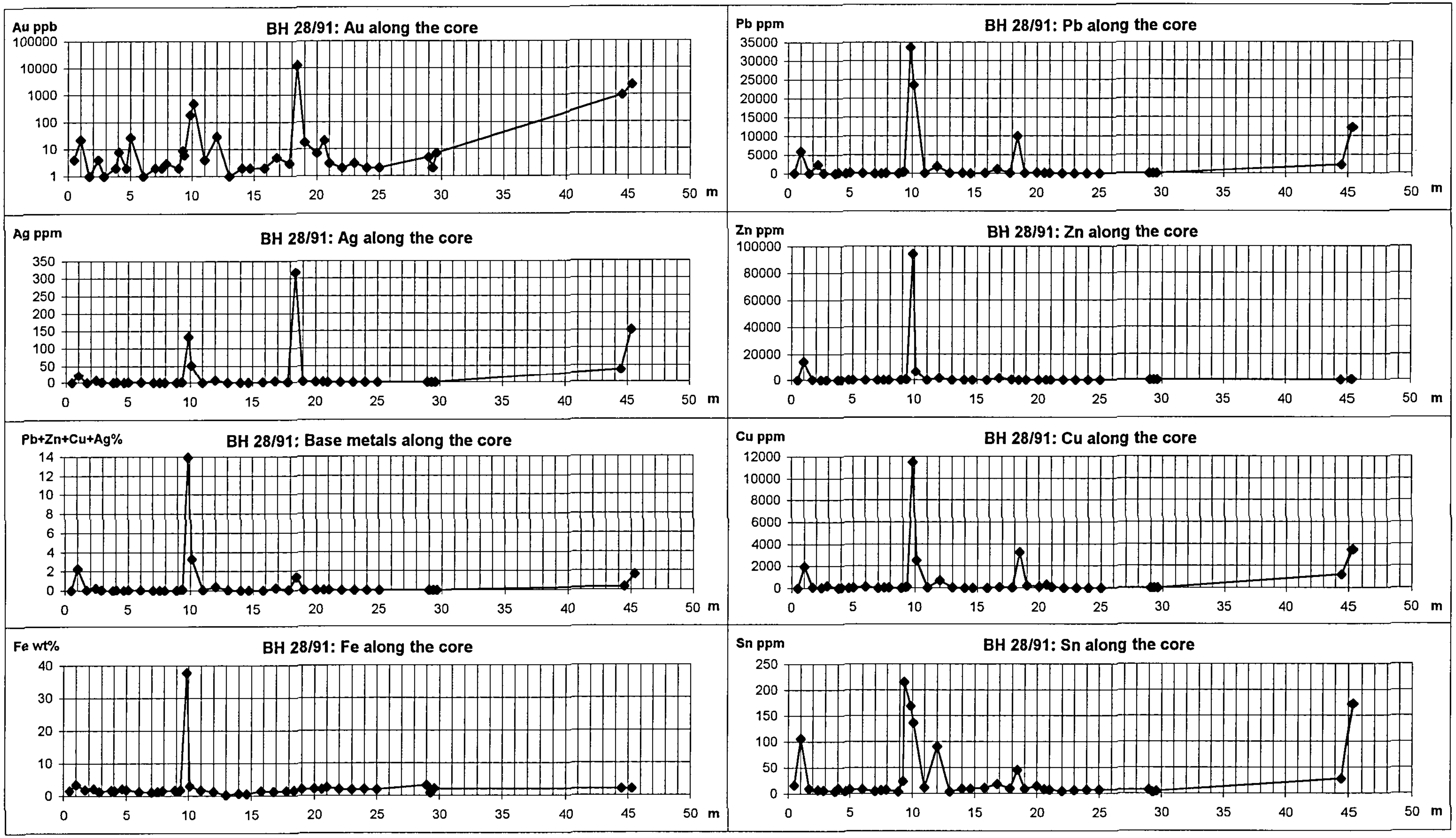


Fig. 21. Distribution of metals in the drill hole 28-91.

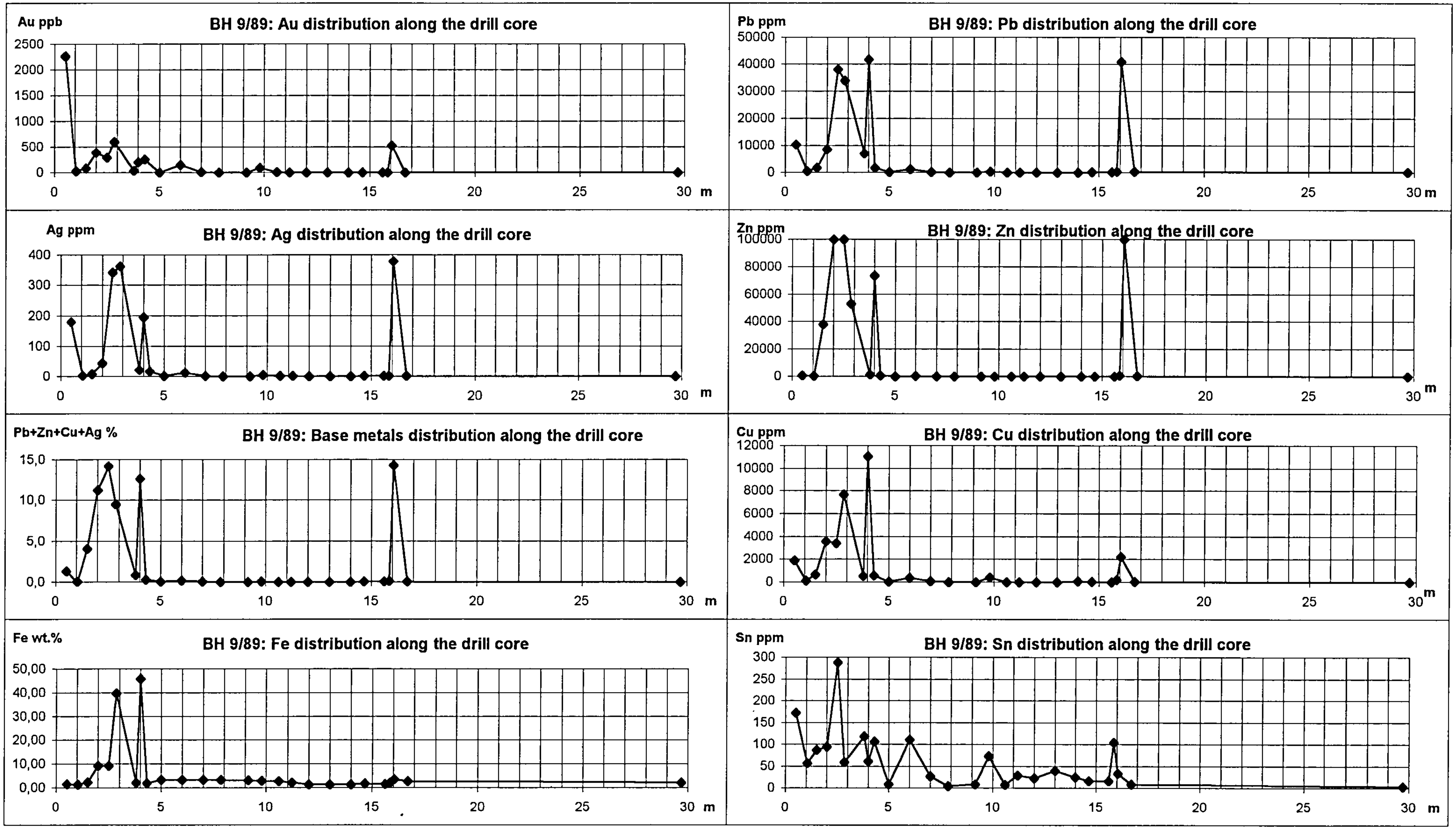


Fig. 22. Distribution of metals in the drill hole 9-89.

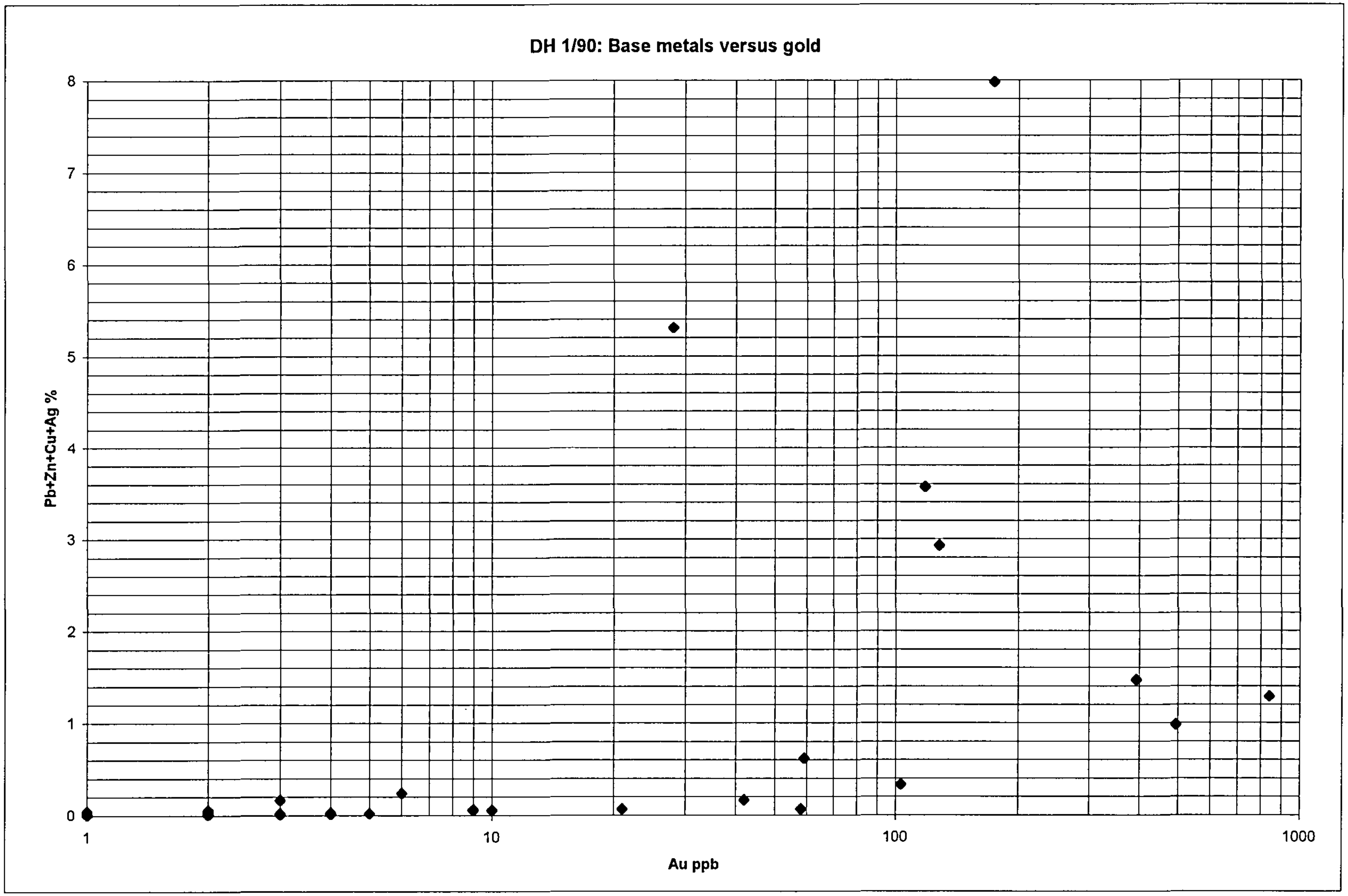


Fig. 23. Base metals versus gold for the drill hole 1-90.

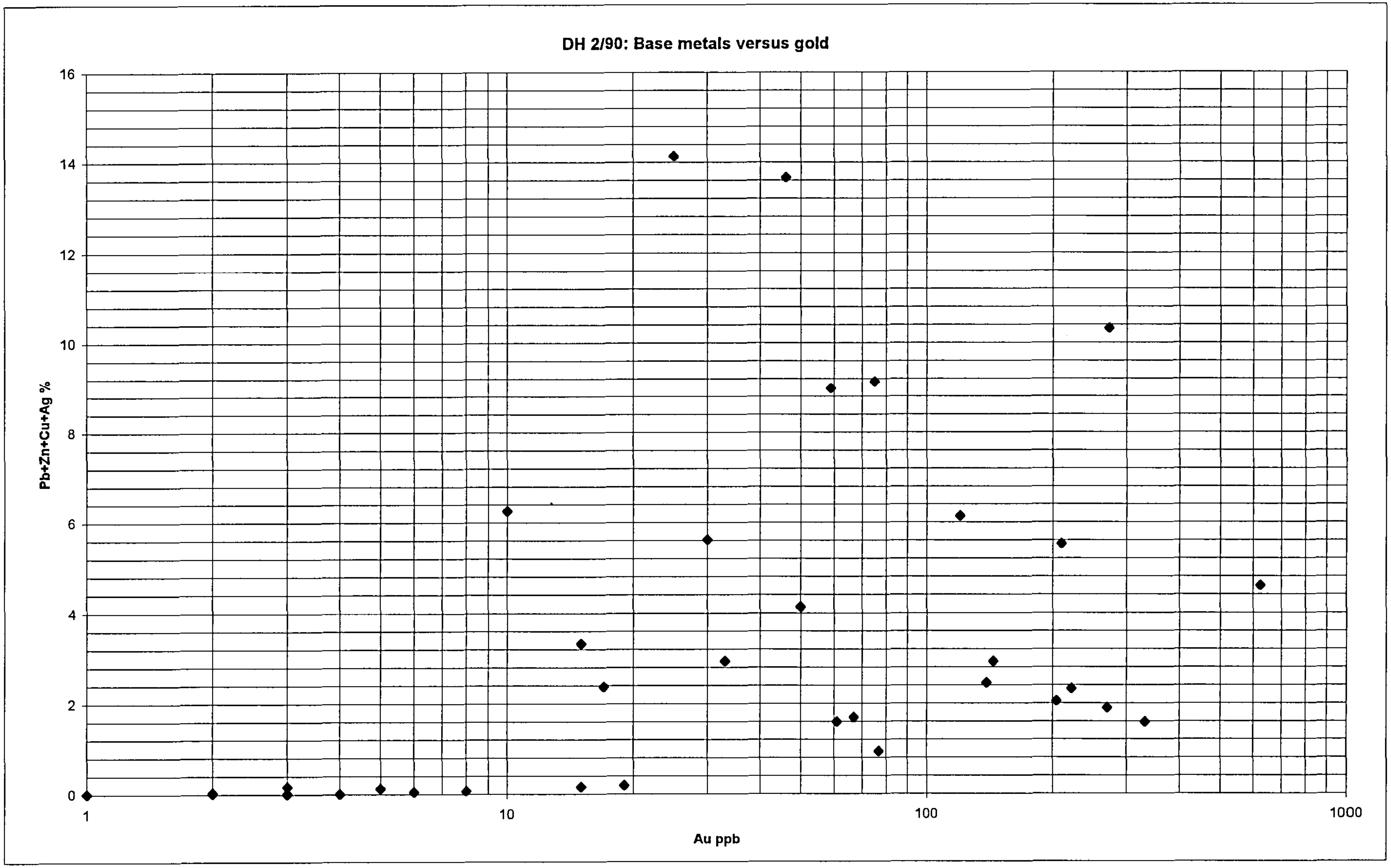


Fig. 24. Base metals versus gold for the drill hole 2-90.

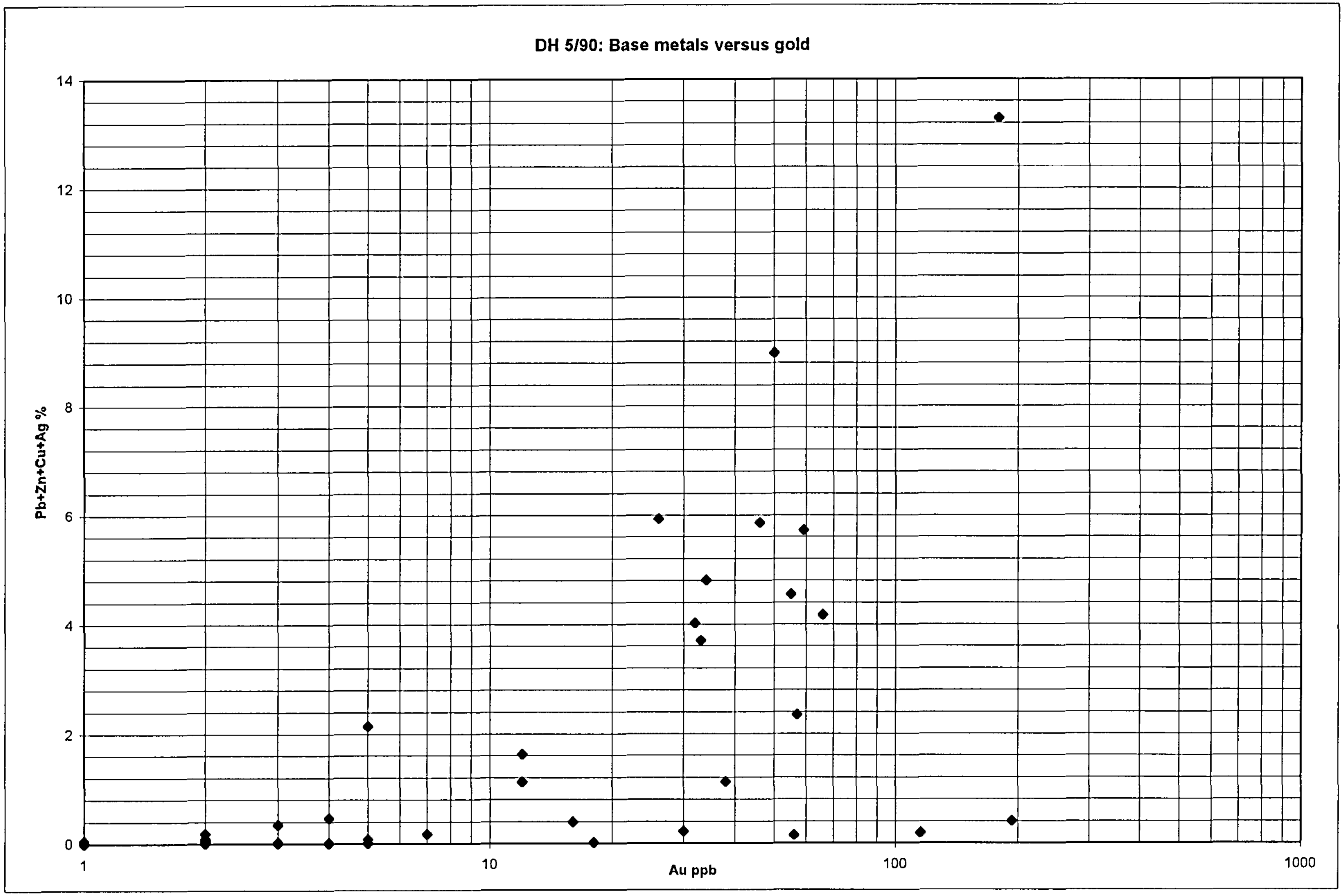


Fig. 25. Distribution of metals in the drill hole 5-90.

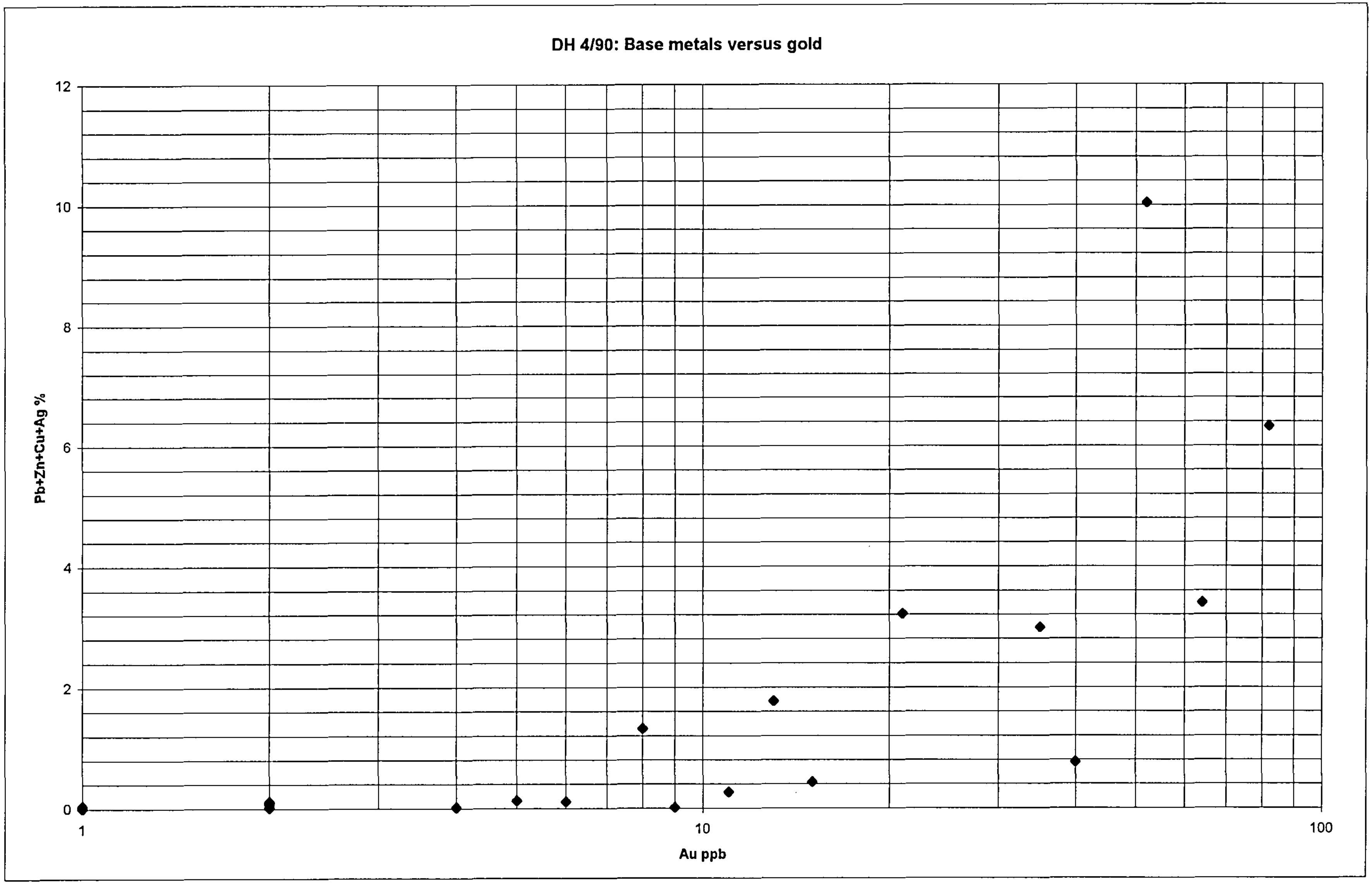


Fig. 26. Base metals versus gold in the drill hole 4-90.

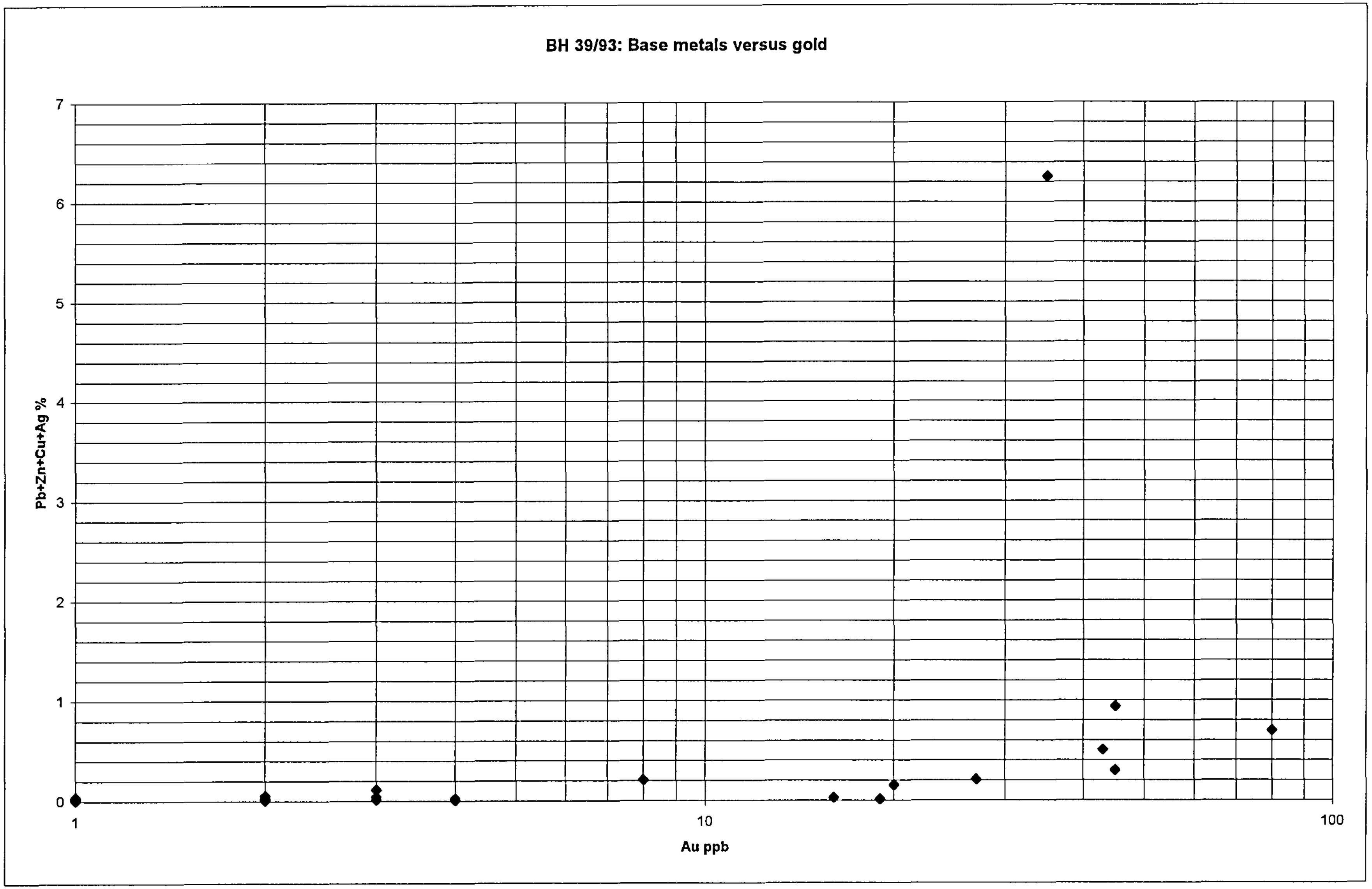


Fig. 27. Base metals versus gold for the drill hole 39-93.

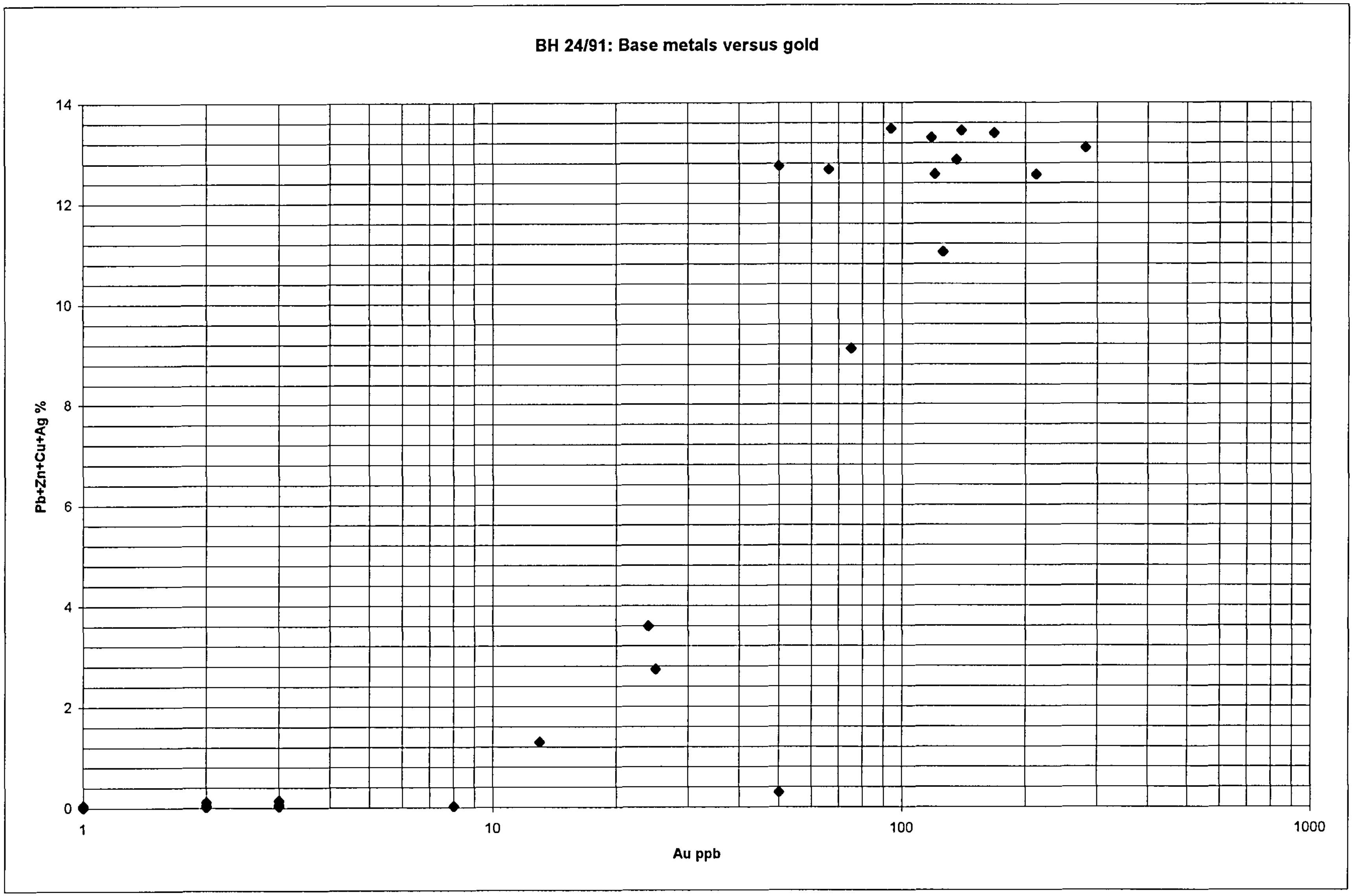


Fig. 28. Base metals versus gold for the drill hole 24-91.

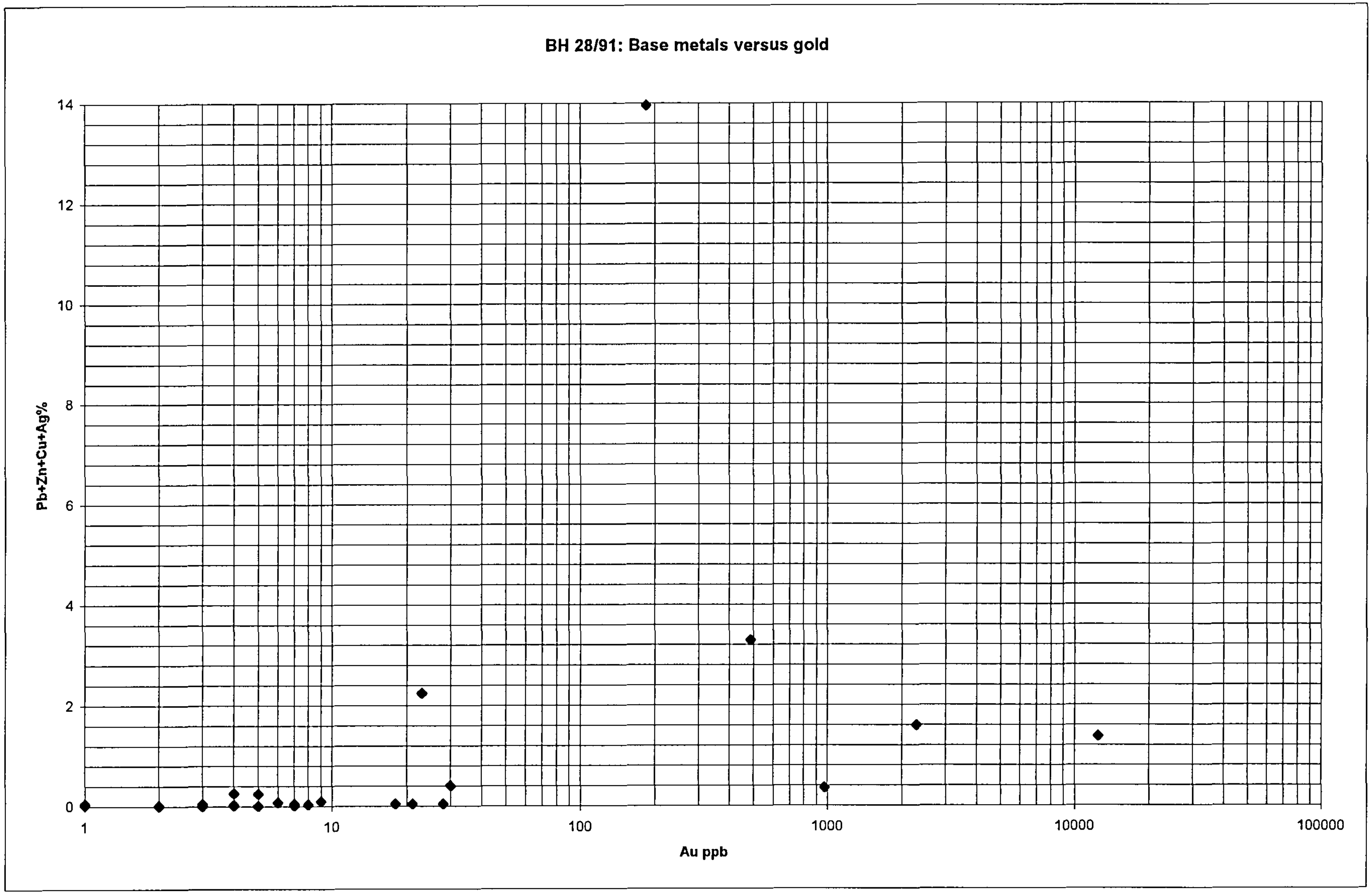


Fig. 29. Base metals versus gold for the drill hole 28-91.

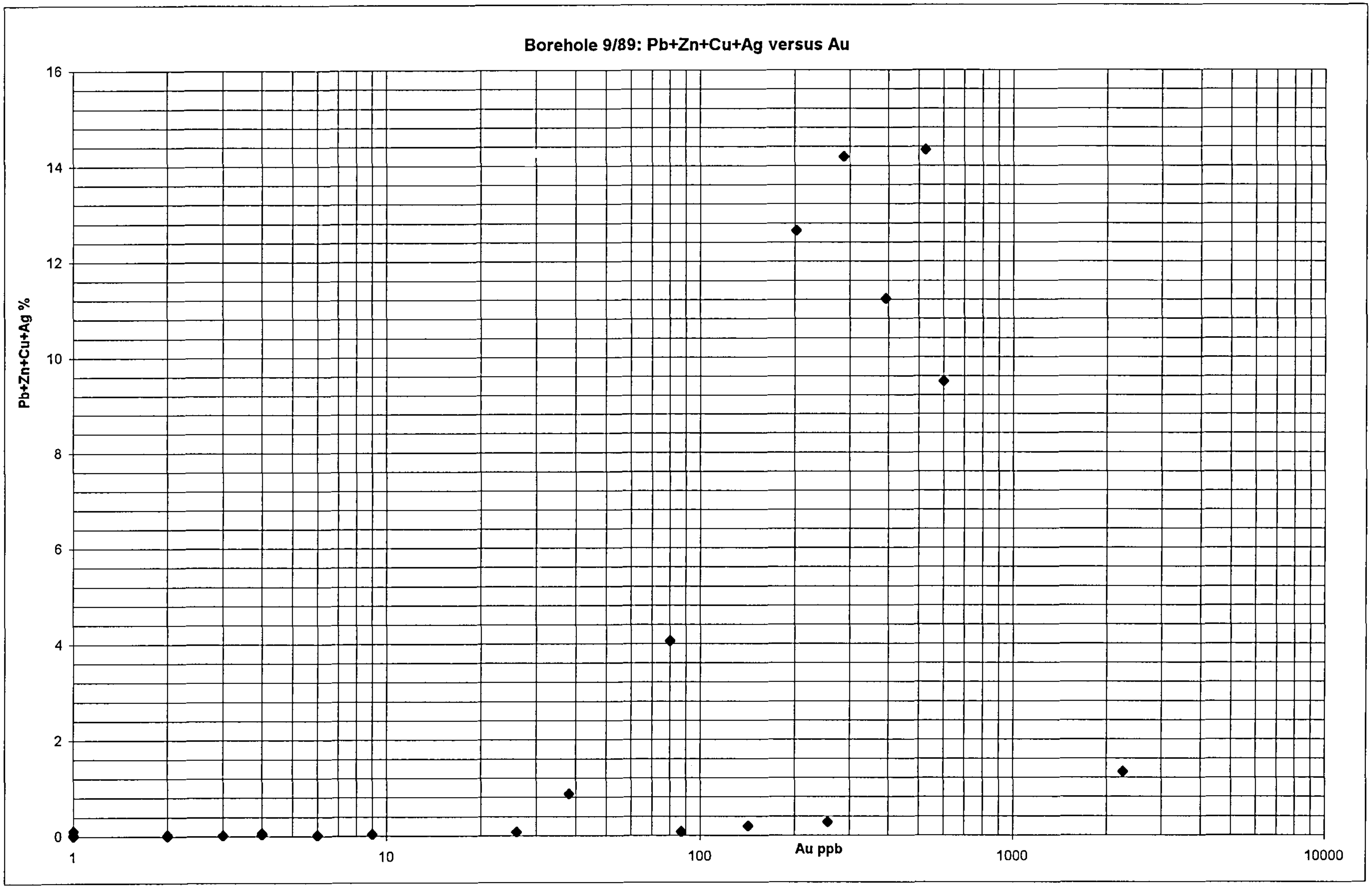


Fig. 30. Base metals versus gold for the drill hole 9-89.

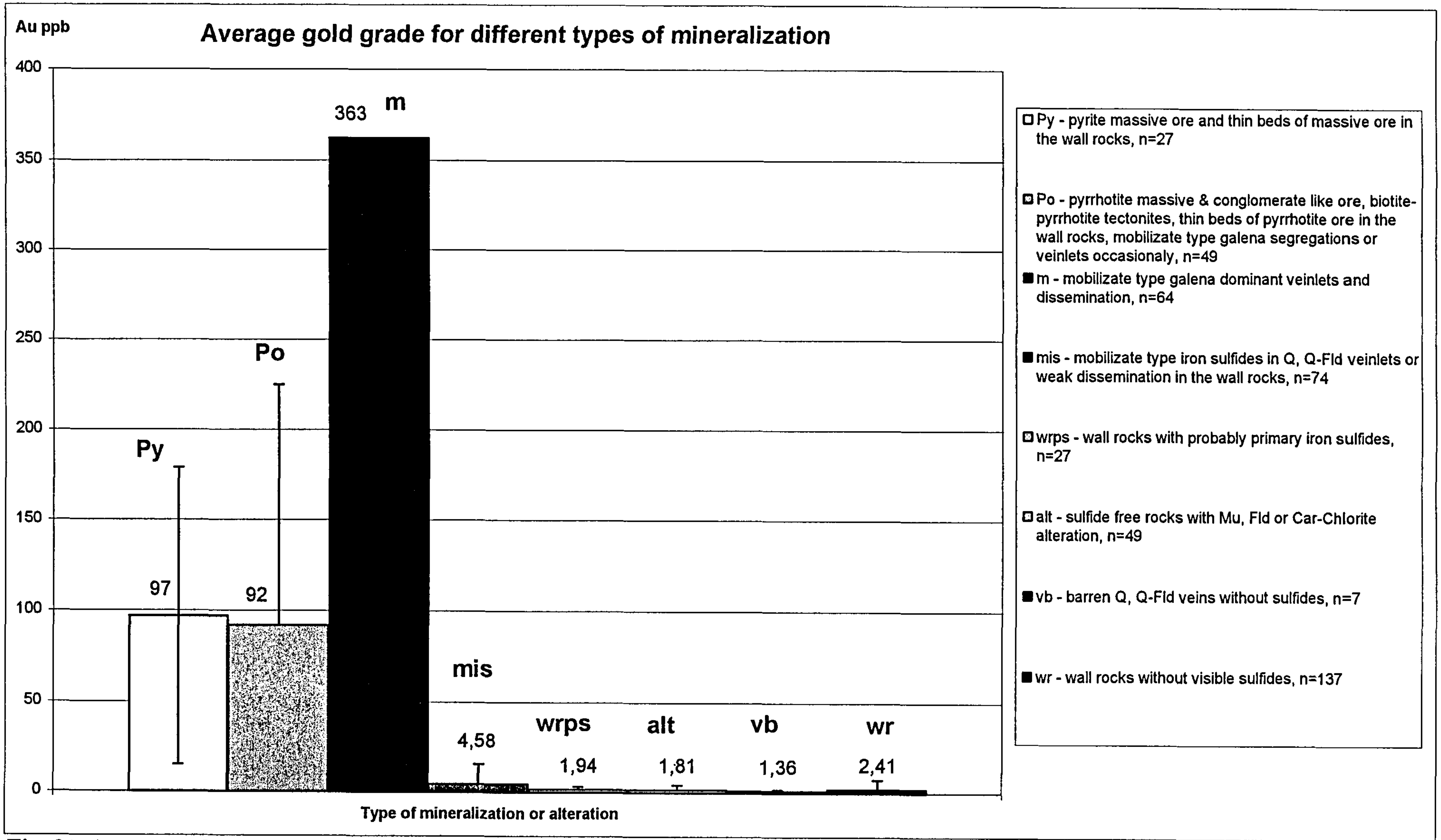


Fig. 31. Average gold grades for different types of mineralization or alteration. Bars are the standard deviation. Average values are shown on chart.

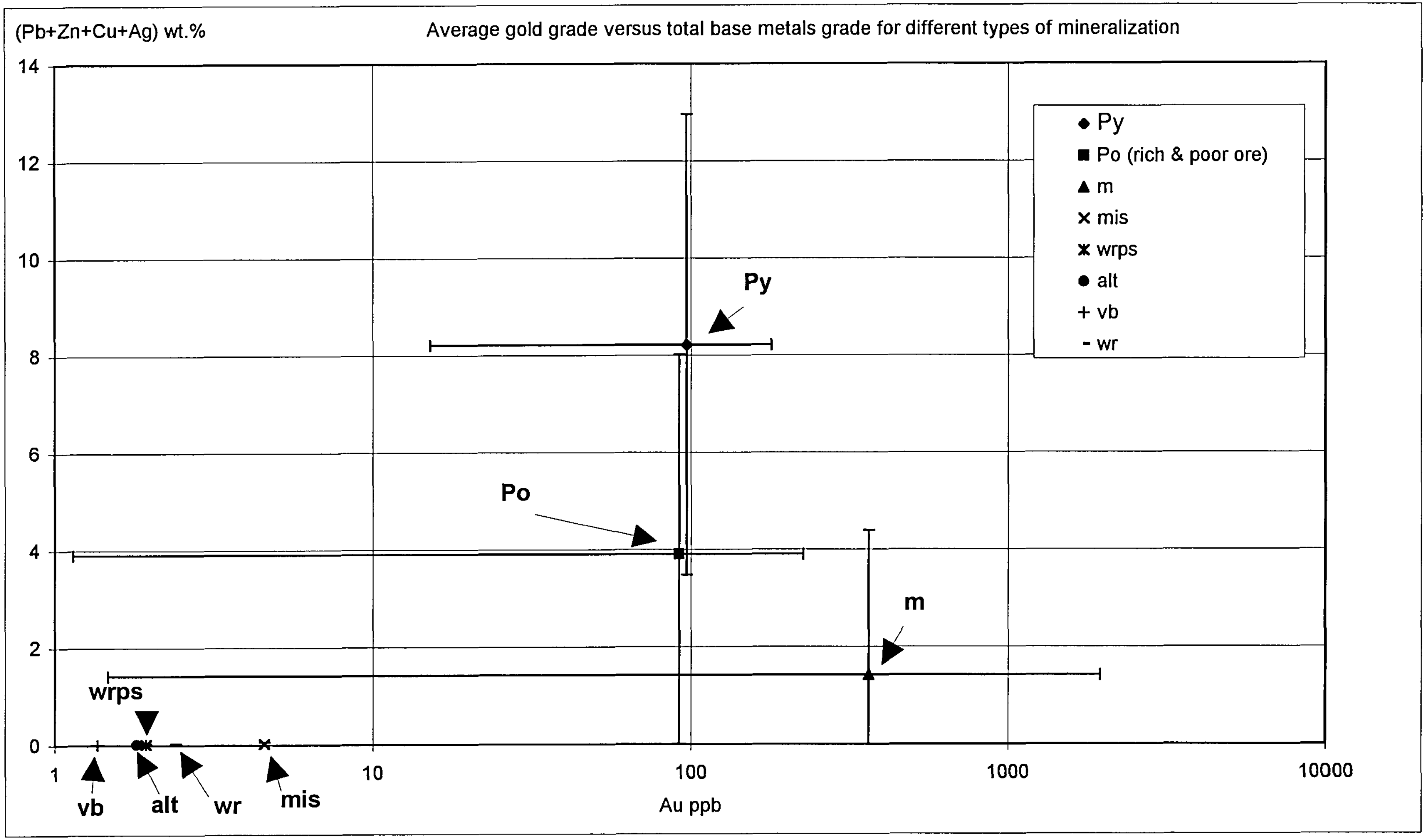


Fig. 32. Average gold grade versus total base metals for different types of mineralization. Legend key is the same as on Fig. 31.
Bars are the standard deviation.

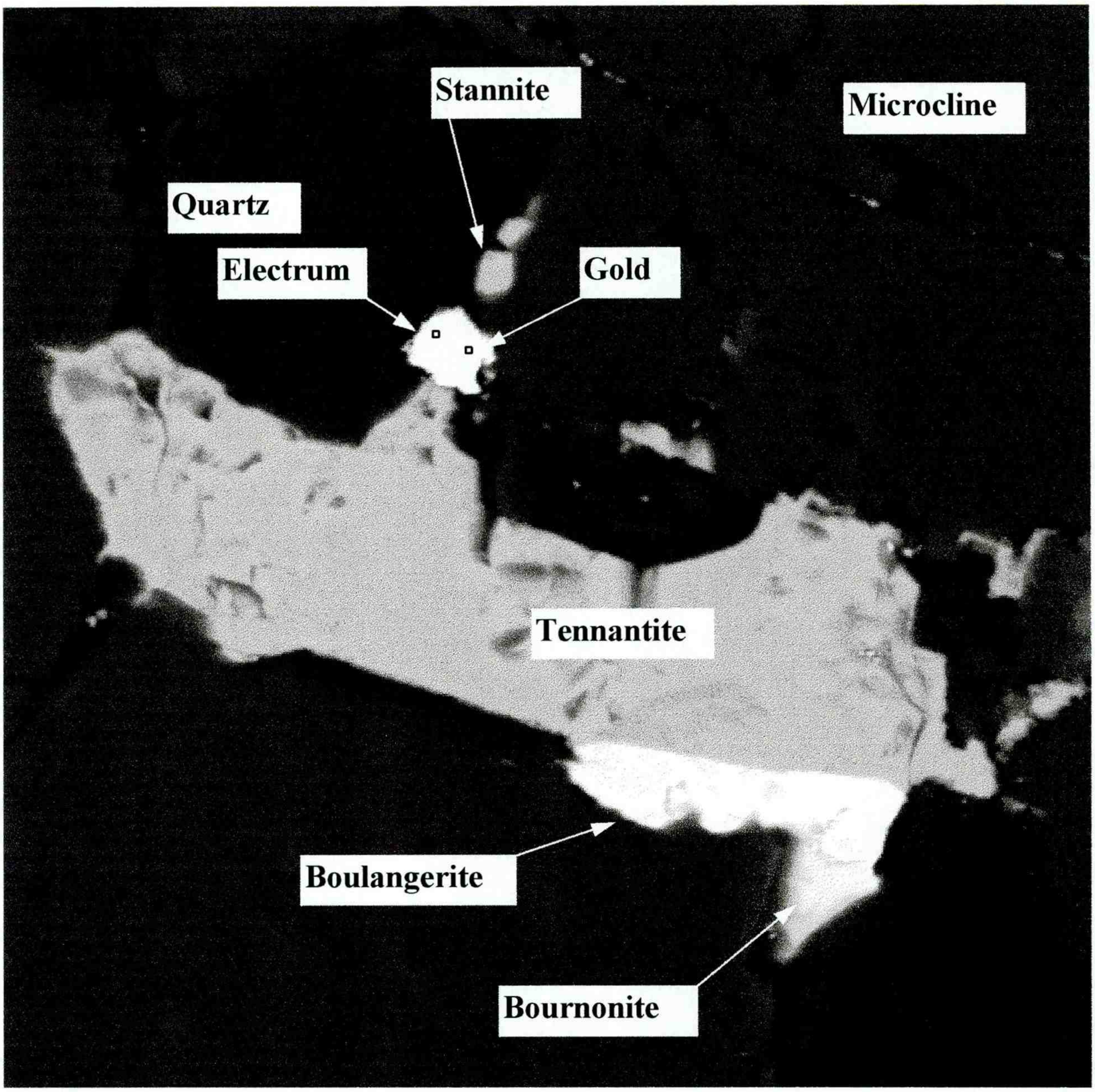


Fig. 33. Back scatted electron image of the intergrowth of native gold and mercury bearing electrum. Sample number 1-989 (drill hole 9-89, interval 0,0-0,5 m). Squares are the point microprobe analyses that are present in the table 7 under the numbers 1-989/1-1-dark for the electrum and 1-989/1-1-light for the native gold. The size of gold-electrum grain is approximately 10 μm. Other minerals were identified by semiquantitative EDS microprobe analyses.

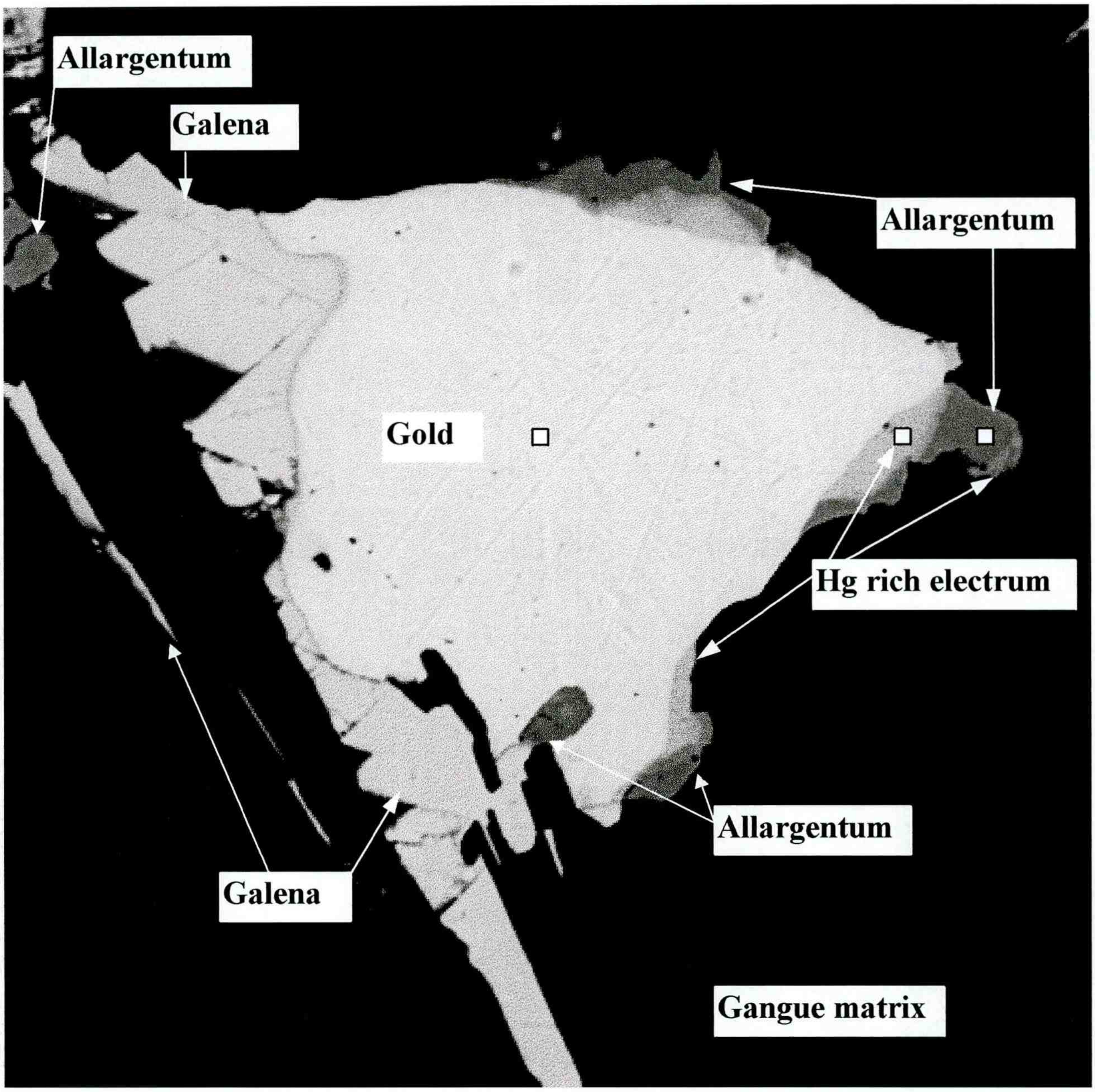


Fig. 34. Back scatted electron image of complex intergrowth of native gold in the core, mercury rich (5,3 wt.% Hg) electrum in the inner rim and allargentum in the outer rim. Sample number 20-8894 (drill hole 88-94, interval 114,1 m). Squares are the point microprobe analyses that are present in the table 7 under the numbers 20-8894/1-1 for the native gold in the core, 20-8894/1-3 for the mercury rich electrum in the inner rim and 20-8894/1-4 for allargentum in the outer rim. The maximum horizontal size of the gold-electrum-allargentum intergrowth is 116 μm. The thickness of electrum rim is 7.5 μm near the point that had been analyzed. The size of allargentum in the analyzed point is 8-9 μm. The small size seems to be the main reason for some gold in the microprobe analyze of allargentum and some antimony in the analyze of electrum.

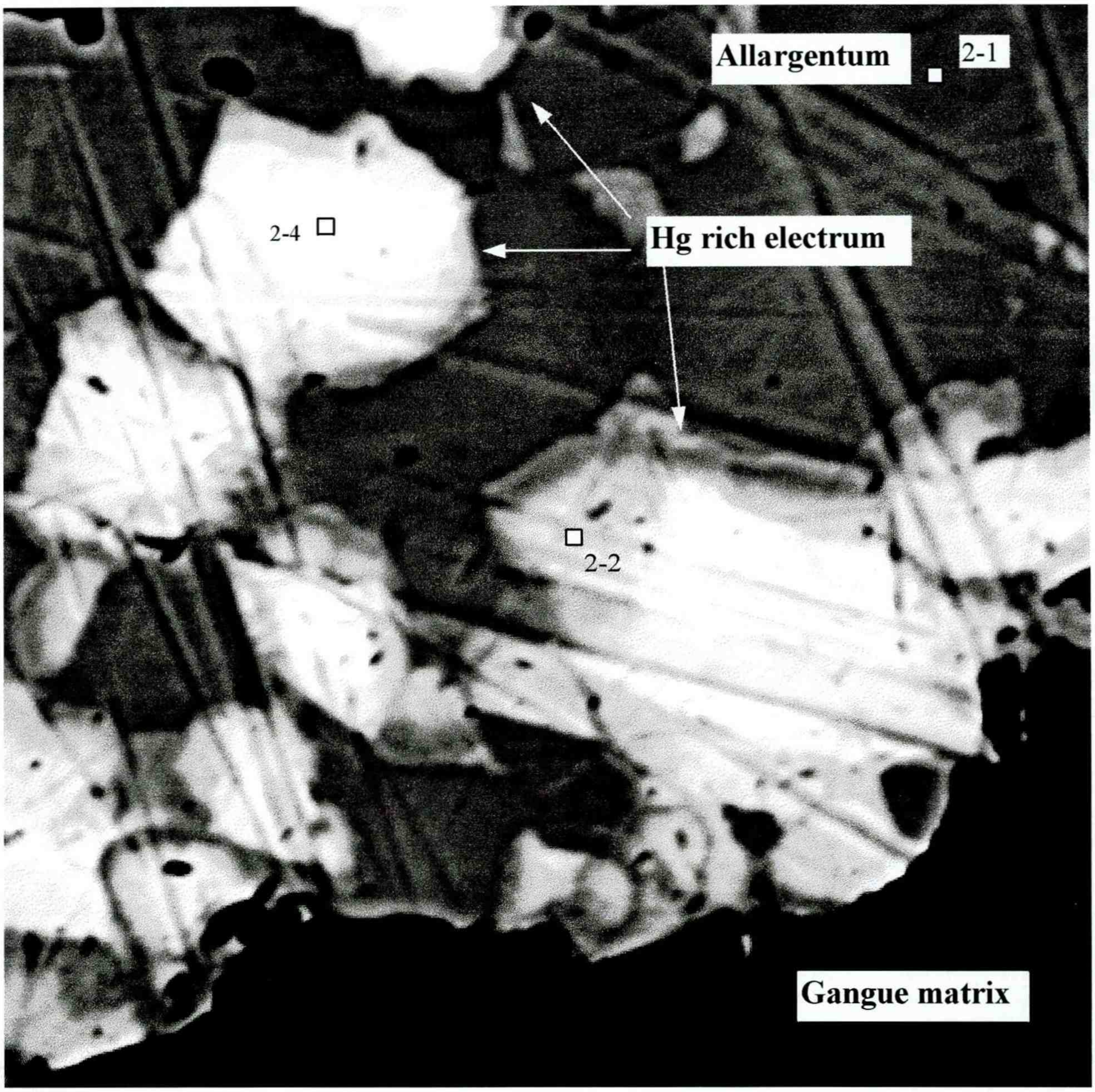


Fig. 35. Back scatted electron image of an intergrowth of mercury rich electrum and allargentum. Note zoning pattern within electrum grains: gold rich core is enclosed in silver rich outer part. Sample number 20-8894 (drill hole 88-94, interval 114,1 m). Squares are the point microprobe analyses that are present in the table 7 under the numbers 20-8894/2-4 for the gold-mercury rich electrum in the grain core, 20-8894/2-2 for the silver-mercury rich electrum in the outer rim and 20-8894/2-1 for the allargentum. The width of the image is 50 μm. The small distance from the margin with allargentum could be responsible for some excess of antimony and silver in the analyze of the silver-mercury rich rim in electrum (analyze 20-8894/2-2 in the table 7).

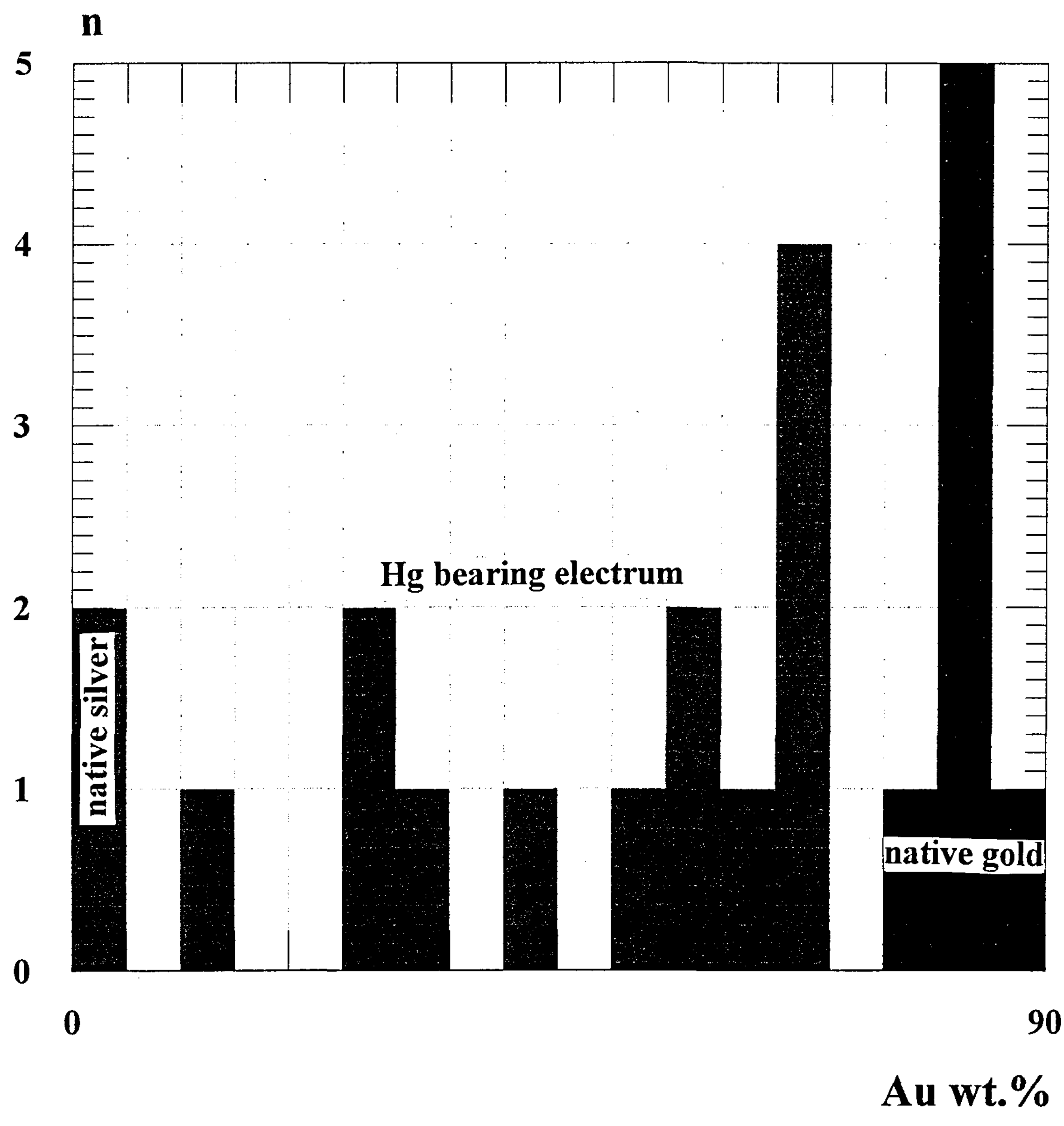


Fig. 36. Histogram of the gold content in the silver-gold alloys. Note the wide range of composition and the gaps that could be real between native gold - electrum and electrum - native silver. n - number of analyses. Data from the table 7.

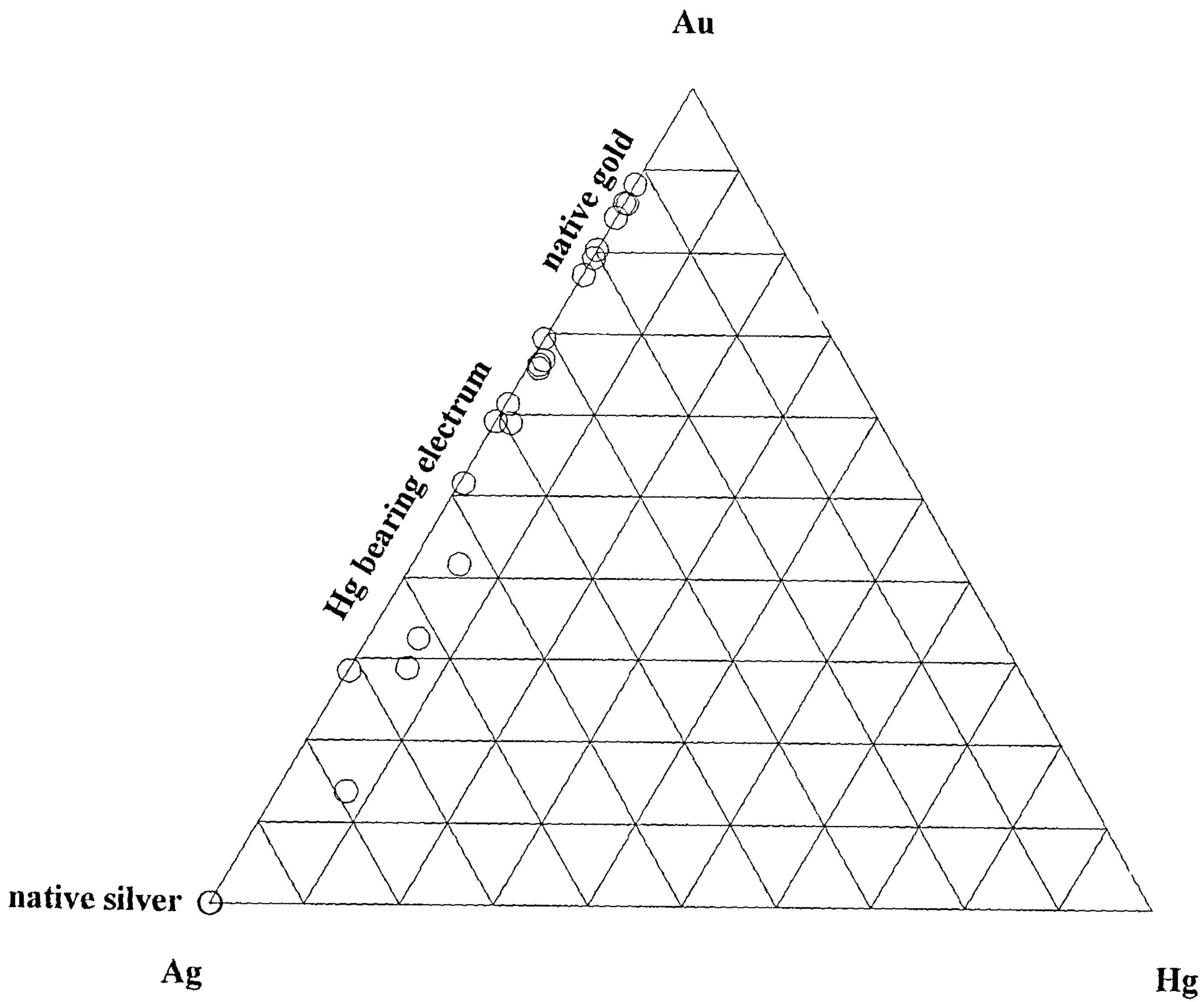


Fig. 37. Triangular plot Au-Ag-Hg for silver-gold alloys. Note mercury enrichment in electrum. Data from the table 7.

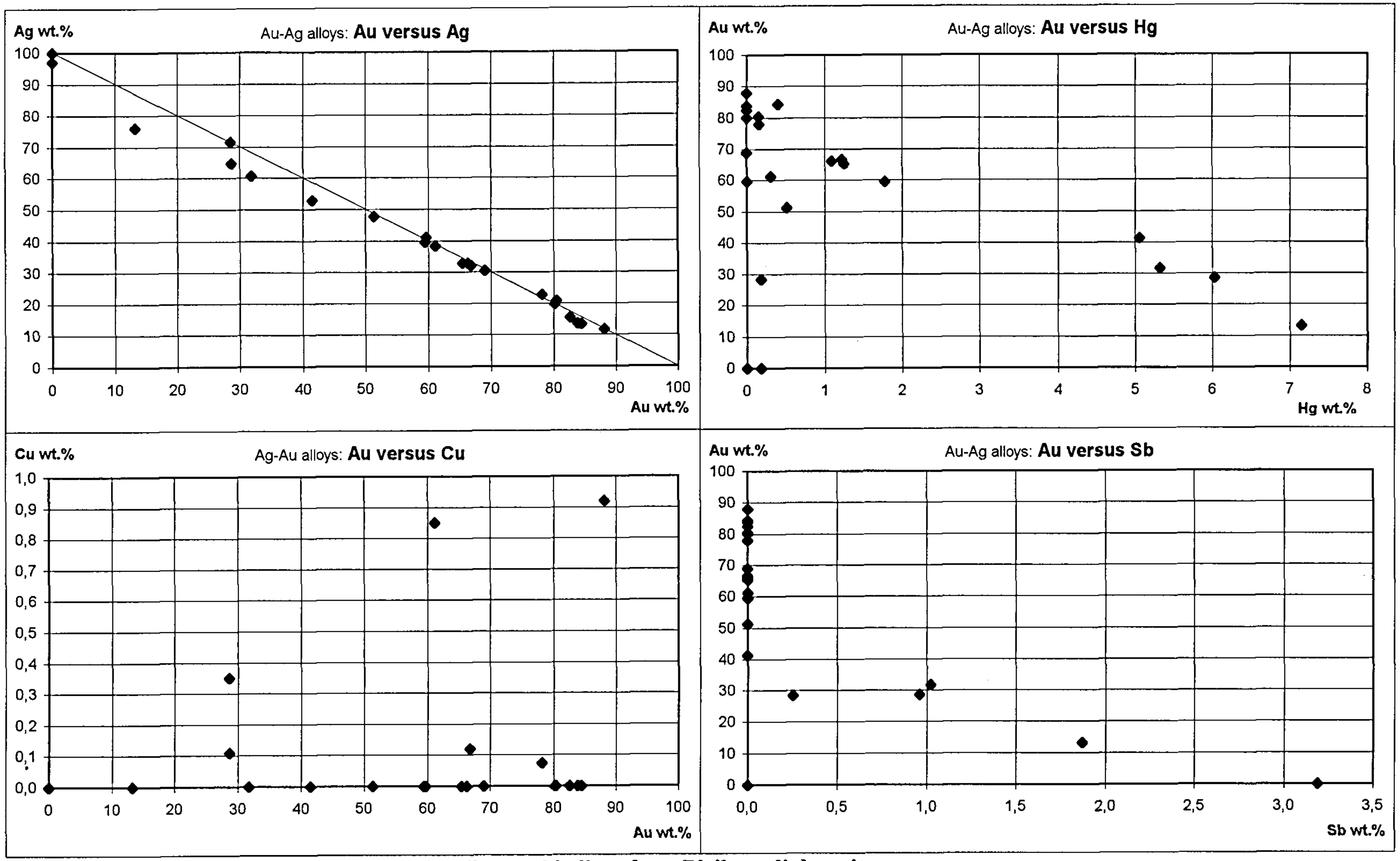


Fig. 38. Binary plots Au-Ag, Au-Cu, Au-Hg and Au-Sb for silver-gold alloys form Bleikvassli deposit.
The deviation from binary Au-Ag alloys is notable in the silver rich electrum (Au-Ag plot) due to significant admixture of mercury.
Most probably mercury is replacing a part of gold in lattice of electrum. It is resulted from a negative correlation between Au-Hg on the respective plot.
Copper is not a significant admixture in the all range of Ag-Au alloys (Au-Cu plot).
Sb enrichment of native silver and silver rich electrum is a result of influence of the allargentum matrix during microprobe study. Data from the table 7.

Table 1.

Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
1/95 GM	449450,0	7312650							x		Ky-Mi sch			
2-1/95 GM	449450,0	7312680							x		Bi-Mu sch			
2-2/95 GM	449450,0	7312680							x		Fld-Mu sch	Graph		
3-1/95 GM	450250,0	7312615							x		Ga-Mi+Am	Contact		
3-2/95 GM	450250,0	7312615							x		Amph			
4/95 GM	450325,0	7312650							x		Amph			
5/95 GM	450800,0	7312800							x		Amph			
6/95 GM	450525,0	7312550							x		Amph	Ep+Q		
7/95 GM	449400,0	7312600							x		Q-Mu sch	Graph+Py		
8/95 GM	449605,0	7312650							x		Amph	Phlog-Bi		
9/95 GM	449595,0	7312685							x		Amph	Q+Ep		
10/95GM	449530,0	7312665							x		Graphite	Py		
11/95 GM	449515,0	7312650							x		Q-Mica-Gr			
12/95 GM	449500,0	7312670							x		Q-Fld shc	Quart?		
13/95 GM	449490,0	7312685							x		Bi-Mu sch			
14/95 GM	449500,0	7312703							x		Mc gneiss			
15/95 GM	449523,0	7312775							x		Bi-Mu sch			
16/95 GM	449518,0	7312780							x		Fld-Mi sch	Graph		
17/95 GM	449520,0	7312795							x		Bi-Mu sch	Ga, Mc gneiss like		
18/95 GM	449520,0	7312789							x		Fld-Mi sch			
19/95 GM	449700,0	7312560							x		Amph	Car, Ep, Hem??!!		
20/95 GM	451375,0	7209025							x		Q-Fld-Mi	w	x	
21/95 GM	451250,0	7209025							x		Amph	Ga, para Amphibolite?	x	
22/95 GM	451213,0	7209025							x		Ga-Bi sch	with Amph., Melanocratic	x	
23/95 GM	451113,0	7209025							x		Q-Fld-Bi	Graph	x	
24/95 GM	450975,0	7209025							x		Ga-Mi		x	
25/95 GM	450900,0	7208950							x		Ga-Mi	w	x	
26/95 GM	450888,0	7209025							x		Q-Fld-Mu	Graph?	x	
27/95 GM	450913,0	7209463							x		Ga-Mi		x	
28/95 GM	450950,0	7209475							x		Ga-Mi	Ky	x	
29/95 GM	451150,0	7209500							x		Q-Fld-Mi	few Ga	x	
30/95 GM	451313,0	7209483							x		Ga-Mi		x	
31/95 GM	451338,0	7209500							x		Q-Fld-Mi		x	
32/95 GM	451363,0	7209520							x		Fld-Mi		x	
33/95 GM	451288,0	7310258							x		Ga-Mi	Ky?, on mineralization point	x	

Table 1.

Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
34/95 GM	451475,0	7310385							x		Ga-Mi	Chl-Gal mineralization	x	
35/95 GM	451375,0	7310350							x		Ga-Mi	w, on mineralization point ?	x	
36/95 GM	451350,0	7310335							x		Q-Fld-Mi		x	
37/95 GM	451320,0	7310320							x		Q-Mu sch	Fld & Ga	x	
38/95 GM	451275,0	7310355							x		Ga-Mi		x	
39/95 GM	450925,0	7310145							x		Ga-Mi	Amph, w	x	
40/95 GM	451000,0	7310175							x		Ga-Mi		x	
41/95 GM	451125,0	7310200							x		Ga-Mi		x	
42/95 GM	451240,0	7310250							x		Fld-Mi		x	
43/95 GM	451275,0	7310965							x		Amph			
44/95 GM	449215,0	7312720							x		Am	Ga-Ky-Bi		
45/95 GM	449215,0	7312725							x			Cu carb.		
46/95 GM	449530,0	7312820							x		Mu-Bi sch	Mc gneiss ??		
47/95 GM	449515,0	7312825							x		Fld sch	"quartzite"		
48/95 GM	449508,0	7312830							x		coticule			
49/95 GM	449508,0	7312830							x		coticule			
50/95 GM	449508,0	7312830							x		coticule			
51/95 GM	449508,0	7312830							x		Fld sch	"quartzite"		
52/95 GM	449522,0	7312832							x		Mu-Bi sch			
53/95 GM	449520,0	7312865							x		Mc gneiss			
54/95 GM	449485,0	7312895							x		Q-Fld sch	Graph?		
55/95 GM	449452,0	7312900							x		Ky-Bi-Mu			
56/95 GM	449452,0	7312903							x		Mu-Q sch	Py		
57/95 GM	449414,0	7312907							x		Ky-Bi-Mu			
58/95 GM	449409,0	7312905							x		Q-Fld sch			
59/95 GM	449397,0	7312911							x		Mu sch	Graph?		
60/95 GM	449395,0	7312910							x		Mu sch	Ga?		
61/95 GM	449384,0	7312905							x		Mu sch	Ga		
62/95 GM	449375,0	7312905							x		Mu sch	Ga?		
63/95 GM	449335,0	7312915							x		Fld sch	"quartzite"		
64/95 GM	449333,0	7312919							x		Fld sch	"quartzite"		
65/95 GM	449303,0	7312901							x		Graph sch			
66/95 GM	449262,0	7313001							x		Fld-Mu	contact with Mu-Bi sch.		
67/95 GM	449275,0	7313004							x		Fld-Mu	alter. halo near chlorite veinlet		
68/95 GM	451470,0	7310335							s		Fld-Ga-Mi			

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
69/95 GM	451471,0	7310382							x		Ga-Mi	Chl-Gal	x	
70/95 GM	451467,0	7310380							x		Ga-Mi	Chl-Gal	x	
71/95 GM	451467,0	7310383							x		Ga-Mi	Chl-Gal		
72/95 GM	451513,0	7310400							x		Graph			
73/95 GM	451565,0	7310425							x		Graph	Cu carbonates		
74/95 GM	451570,0	7310438							x		Q, Gal, Chl			
75/95 GM	451570,0	7310438							x		Q, Gal, Chl			
76/95 GM	451571,0	7310435							x		Fld-Mu-Graph	Chl, Py	x	
77/95 GM	451570,0	7310438							x		Fld-Mu-Graph	Chl, Py, Gal?	x	
78/95 GM	5,0	55	435						x		Mu-Bi sch			
79/95 GM	5,0	55	435						x		Fld-Q	"quartzite"		
80/95 GM	4,0	54	435						x		Mu sch			
81/95 GM	4,0	54	435						x		Py-Sph	massive		
82/95 GM	4,0	54	435						x		Mu sch			
83/95 GM	4,0	53	435						x		Py-Sph	massive		
84/95 GM	4,0	53	435						x		Py-Sph	massive		
85/95 GM	4,0	53	435						x		Py-Sph	massive		
86/95 GM	4,0	52	435						x		Py-Sph	massive		
87/95 GM	3,0	50	435						x		Py-Sph	massive, lense		
88/95 GM	3,0	50	435						x		Py	massive, lense		
100/95 GM	449363,0	7312910									Q		x	
101/95 GM	140,0	45	443						a,b		Py-Sph	a-with weathered surface		
102/95 GM	149,0	48	445						x		Py-Sph	Gal rich contact ore		
103/95 GM	182,5	11	440						x		Fld			
104/95 GM	182,5	11	440						s		Fld	hole veinlet, with Cal, Bi		
105/95 GM	180,0	18	440							x	Gal-Fa			
106/95 GM	180,0	18	440							x	Gal			
107/95 GM	180,0	18	440							x, pl	Chl			
108/95 GM	11,0	35	440						x		Py-Sph	massive		
109/95 GM	10,0	38	440						x		Py-Sph	massive		
110/95 GM	9,5	42	440						x		Py-Sph	large Py		
111/95 GM	9,0	45	440						x		Py	massive, large Py, Sph poor		
112/95 GM	75S	0	460						x		Py			
113/95 GM	62,5S	38	450						x		gossan			
114/95 GM	112,5S	43	445						x		Py	w		

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
115/95 GM	111S	50	440						x		Po with Chl	conglomerate like		
116/95 GM	111S	50	440						x		Po	the same, poor in Chl		
117/95 GM	202,5S	75	420						x		Gal in Mu sch			
118/95 GM	206,5S	77	420						x		Po	conglomerate like		
119/95 GM	450390,0	7310795									Q		x	
120/95 GM	450385,0	7310567							x		Ga-Mi	Cu carbonate	x	
121/95 GM	450410,0	7310560									Q		x	
122/95 GM	450400,0	7310560							a,b		Ga-Mi	Cu carbonate	x	
123/95 GM	450400,0	7310560							x		Coarse Amph	with Q veinlet and Cu carbon.	x	
124/95 GM	450350,0	7310525							x		Ga-Bi	few Chl	x	
125/95 GM	450345,0	7310517							x		Ga-Mi	Cu carbonate	x	
126/95 GM	450342,0	7310515							x		Ga-Mi	few Chl	x	
126-1/95 G	450342,0	7310515							x		Amp-Ga			
128/95 GM	449820,0	7310240									Q		x	
129/95 GM	450580,0	7308160							x		Chl-Po	w	x	IV Rui1987
130/95 GM	450580,0	7308160							x		Chl		x	IV
131/95 GM	450580,0	7308160							x		Po		x	IV
132/95 GM	450580,0	7308160							x		Po		x	IV
133/95 GM	450580,0	7308160							x			contact		IV
134/95 GM	450580,0	7308160							x		Po		x	IV
135/95 GM	450580,0	7308160							x		Po		x	IV
136/95 GM	450580,0	7308160							x		Po		x	IV
137/95 GM	450650,0	7308125							x		Dessim. sul.	w	x	V
138/95 GM	450710,0	7308080							x		Amph-Ga	Dessim. Chl and Sph?		VI
139/95 GM	450710,0	7308080							x		Po-Chl-Gangue		x	VI
140/95 GM	450710,0	7308080							x		Po-Chl-Gangue		x	VI
141/95 GM	450710,0	7308080							x		Fld quartzite	Chl dessiminated ore	x	VI
142/95 GM	450750,0	7308090							x		breccia & Po	few Chl	x	VII
143/95 GM	450750,0	7308090							x		Amph-Ga-Mi	Chl dessiminated ore		VII
144/95 GM	450450,0	7308190							x		Amph			III
145/95 GM	450450,0	7308190							x		Po-Chl	from the blocks		III
146/95 GM	450348,0	7308290							x		Po	from the blocks		II
147/95 GM	450300,0	7308290							x		Bi sch			II
148/95 GM	449948,0	7308480							x		Mu-Graph sch	Gal, Chl dessiminated ore - 3%	x	XV
149/95 GM	450105,0	7308415							x		Graph-Po		x	I

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
150/95 GM	450400,0	7309348							x		Fld-Q sch	Chl, Gal impr.	x	XII w
151/95 GM	450400,0	7309348							x		Fld-Q-Graph	Chl, Gal impr.	x	XII w
152/95 GM	450470,0	7309333							x		Ga-Mi-Graph	Gal, Chl	x	3-w XII
153/95 GM	450677,5	7309233							x		Gal-Sph-Chl		x	XII e
154/95 GM	450677,5	7309233							x		Cal-Sph-Chl		x	XII e
155/95 GM	450677,5	7309233							x		Chl rich		x	XII e
156/95 GM	452140,0	7310395							x		Gal, Chl impr.	w	x	
157/95 GM	452140,0	7310395							x		Gal, Chl impr.		x	
158/95 GM	452140,0	7310395							x		Amph. like			
159/95 GM	452140,0	7310390							x		Coarse Bi, Car	Chl impregnation	x	
159-1/95 G	452108,0	7310390							x					
160/95 GM	743,0	135	425						x		Mu sch.	Gal-Sph-Py dessim. 5-10%	x	
161/95 GM	669,0	189	415							x	Amph with Bi	Py-Gal-Sph dessim.	x	
162/95 GM	593,0	201	330						x		Py-Sph			
163/95 GM	585,0	223	330						x		Py-Sph			
164/95 GM	770,0	230	310						x		Py-Sph			
164-1/95 G	770,0	230	310						x		Py-Sph-Gal	from the waste		
165/95 GM	491,5	262	230							x	Py-Sph			
166/95 GM	426,0	228	225						x		Py-Sph			
167/95 GM	426,0	268	236							pl	Tabular Cal			
168/95 GM	759,0	219	310							x	Gal mob			
169/95 GM	758,0	221	310							x	Gal mob			
170/95 GM	1046,5	57	290						x		Py-Sph			
171/95 GM	1048,0	56	290						x		PY-Sph			
172/95 GM	1094,0	151	290						x		Py-Sph			
173/95 GM	1094,0	151	290						x		Py-Sph			
174/95 GM	1094,0	151	290						x		Po			
175/95 GM	580,0	232	330							x	quartzite	Mu rich	x	
176/95 GM	580,0	232	330							x	quartzite	Mu rich	x	
177/95 GM	580,0	232	330							x	Py-Sph		x	
178/95 GM	580,0	232	330							x	Py-Sph		x	
179/95 GM	580,0	232	330							x	Py-Sph-Gal		x	
180/95 GM	580,0	232	330							x	Mu schist		x	
181/95 GM	580,0	232	330							x	Py-Sph		x	
182/95 GM	580,0	232	330							x	Mu sch	with minor Bi	x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
188/95 GM	770,0	230	310							x	Mu tectonite	Gal, Cal mob.	x	
189/95 GM	770,0	230	310							x	Py-Sph		x	
190/95 GM	770,0	230	310							x	Mu schist	Sph veinlets	x	
191/95 GM	770,0	230	310							x	Py-Sph	Q breccia cemented by Sul.	x	
192/95 GM	770,0	230	310							x	Mu sch		x	
193/95 GM	770,0	230	310							x	Py-Sph		x	
194/95 GM	770,0	230	310							x	Py-Sph		x	
195/95 GM	770,0	230	310							x	Py-Sph		x	
196/95 GM	770,0	230	310							x	Py-Sph		x	
197/95 GM	392,0	331	250						x		Mu sch	Sul. impr.		
198/95 GM	392,0	331	250						x		Py-Sph	massive	x	
199/95 GM	392,0	331	250						x		Py-Sph	dessiminated	x	
200/95 GM	392,0	331	250						x		Mu sch	Gal mob.	x	
201/95 GM	402,0	276	250						x		Py-Sph			
202/95 GM	453,5	297	255						x		Py-Sph			
203/95 GM	453,5	297	255						x		Fld quartzite	Mu rich		
205/95 GM	306,0	334	210						x		Py-Sph			
206/95 GM	207,5	335	205						x		Po	conglomerate like		
207/95 GM	207,5	335	205						x		quartzite			
208/95 GM	127,5	384	180						x		Coarse Bi-Ga	with Py		
209/95 GM	127,5	384	180						x		Py-Sph	Gal		
210/95 GM	127,5	384	180						x		Py-Sph			
211/95 GM	127,5	384	180						x		Mu sch			
212/95 GM	127,5	384	180						x		Py-Sph			
213/95 GM	279,5	437	180						x		Po			
214/95 GM	362,5	381	180							x	Py-Sph			
215/95 GM	511,5	243	240							x	Po	contact		
216/95 GM	511,5	243	240							x	Po	center		
217/95 GM	508,7	245	240							x	Gal-Fa-Ga-Q	mob.		
218/95 GM	508,0	245	240							x	Q-Cal breccia	cemented by Bi-Chl, mob.		
219/95 GM	500,0	253	240						x		Po			
220/95 GM	500,0	253	240						x		Py-Sph			
221/95 GM	500,0	253	240						x		Py-Sph			
222/95 GM	500,0	253	240						x		Py-Sph			
223/95 GM	135,5	404	150						x		Po-Chl	Tu?		

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
224/95 GM	135,5	404	150						x		Po-Chl	in coarse Bi		
225/95 GM	135,5	404	150						x		St-Ky-Sulfides			
226/95 GM	136,5	404	150						x		Py			
227/95 GM	137,0	404	150						x		Py			
228/95 GM	137,5	403	150						x		Py			
229/95 GM	137,5	403	150						x		Chl-Po			
230/95 GM	138,0	403	150							x	St-Tu			
231/95 GM	138,5	403	150						x		Po-Chl			
232/95 GM	138,5	402	150							x	Bi-Tu-Gal			
233/95 GM	138,7	401	150						x		Bi-Tu-Gal			
234/95 GM	131,5	403	150						x		Po-Gal	in Mu schist		
235/95 GM	132,3	403	150						x		Py-St			
236/95 GM	132,3	403	150						x		Py-Sph			
237/95 GM	132,3	403	150						x		Po?-Sph-rock			
238/95 GM	411,5	296	240						x		Quartzite	Mu, veinlets of Cal with Gal?		
239/95 GM	411,5	296	240						x		Mu sch	Sulfides impr.		
240/95 GM	411,5	296	240						x		Mu sch			
241/95 GM	411,5	296	240						x		Quartzite	Mu, veinlets of Cal with Gal?		
242/95 GM	411,5	296	240						x		Py-Sph			
243/95 GM	411,5	296	240								Py-Sph-Chl			
244/95 GM	411,5	296	240						x		Py-Sph-Chl			
245/95 GM	411,5	296	240						x		Py-Sph			
246/95 GM	411,5	296	240						x		Gal-Po			
247/95 GM	414,5	297	240							x	Chl-Po			
247-1/95 G	414,5	297	240							x	Sph-Gal-Chl		x	
248/95 GM	414,5	297	240							x	Sph-Po-Gal		x	
249/95 GM	414,5	297	240							x	Gal-Sph-Po		x	
250/95 GM	414,5	297	240							x, pl	Mu sch.	with Q veinlet	x	
251/95 GM	414,5	297	240							x, ps	Py-Gal	Gal rich band	x	
252/95 GM	414,5	297	240							x	Q-Gal-Sph	mob.		
253/95 GM	520,0	250	245							x	Mu sch, Q	Q breccia, Sph on cont. Q-Sch.		
254/95 GM	520,0	250	245							x	Fa-Ars in sch.			
255/95 GM	520,0	250	245							x	Py-Sph-Mu	Mu 40 %		
256/95 GM	520,0	250	245							x	Q-Cal-Gal-Fa	Q-Cal breccia cemented by Sul		
256-1/95 G	520,0	250	245							x	Mu sch	after Mc gneiss ???		

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
257/95 GM	514,5	249	245						x		Py			
258/95 GM	487,5	262	245							x	Mu sch	Sulf. veinlets	x	
259/95 GM	487,5	262	245							x	Py-Sph		x	
260/95 GM	487,5	262	245							x	Py-Sph		x	
261/95 GM	487,5	262	245							x, ps	Py-Sph	with Gal, chlorite? & Q blocks	x	
262/95 GM	487,5	262	245							x	quartzite	Mu rich	x	
263/95 GM	487,5	262	245							x	Py, Po?			
264/95 GM	537,0	186	335							x	coticule			
265/95 GM	537,0	186	335						x		coticule			
266/95 GM	waste pile								s		coticule			
267/95 GM	800,0	196	310						x	xx	Fa-Chl mob.	with native silver, in Mc gneiss		
268/95 GM	150,0	400?	150						s		Po-Chl	"conglomerate like"		
269/95 GM	450,0	308	??						s		Gal-Fa mob	in Py-Sph ore		
1/8894	320,0	456	185	88/94	0,80	0,95	0,15		x		Po-Sph	Gal		
2/8894					7,15				x		Po-Chl-Sph			
3/8894					8,20				x		Po-Py-Sph			
4/8894					112,70	112,80	0,10		s		Q-Musch	contact		1.8 Au
5/8894					112,90					x	Chl-Po-Q	Sul. veinlet in Q		1.8 Au
6/8894					112,95					x, pl	Q-Fa			1.8 Au
7/8894					113,10	113,15	0,05			x	Q	contact of Q		1.8 Au
8/8894					113,30					x	Q and Mu sch	Q breccia in Mu schist		1.8 Au
9/8894					113,40					x				1.8 Au
10/8894					113,60					x	Gal-Gray min?			1.8 Au
11/8894					113,75					x	Gray min?-Gal	in Mu schist		1.8 Au
12/8894					113,80					x	Mu scist - Fa			
13/8894										x				
14/8894										x				
15/8894										x				
16/8894										x				
17/8894						114,00	0,20		s	x				
18/8894					114,00					x	Fa-Ga-Py-Asp			
19/8894										x				
20/8894										x				
21/8894										x				
22/8894										xx				

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
23/8894						114,15	0,15		s	xx				
24/8894					115,20	115,60	0,40			x	Car-Fa	in Mu schist		6.6 Au
25/8894					115,45					x	Car-Gal			6.6 Au
26/8894					115,48					x	Gal-Ars			6.6 Au
27/8894					115,53					x	Gal-Ars			6.6 Au
28/8894					115,56					x	Fa-Ars			6.6 Au
29/8894					115,75					x	Chl in Mu scist			6.6 Au
30/8894					115,80					x	Ars-Gal			6.6 Au
31/8894					115,85					x	Fa			6.6 Au
32/8894					115,85	116,00	0,15		s					6.6 Au
33/8894					116,03					x	Ars, Gray min.			6.6 Au
34/8894					116,10					x	Fa? in Mu sch			6.6 Au
35/8894					118,65					x	quartzite	with Chl-Po veinlet		
36/8894						118,82	0,17			x				
1/3494	83012,9	30150	458	34/94	18,30				s		Q-Mu-Po-Sph	Po-Sph cemeted Q and Mu sch		
2/3494					18,40				x		the same			
3/3494					18,95				x		Mu sch-Gal-Sph	Mu sch cemented by Gal,Sph		
4/3494					19,05				x		Py-Gal			
5/3494					19,18						Py-Gal			
6/3494					19,20	19,30	0,10		s		Cal grain in Q	near Gal		
7/3494					20,50				x		Py-Sph			
8/3494					28,50	28,60	0,10			x	Gal-Py			1.02 Au
9/3494					28,70					x	Ars-Chl-Py			1.02 Au
1/1294	380,0	452	190	12(94)	34,05	34,10	0,05			pl	Q-Gal-Py			
2/1294					34,10					x	Q-Py-Gal			1.8 Au
3/1294					34,12	34,20	0,08			x	Q-Py-Gal			1.8 Au
4/1294					34,25					x	Py-Gal	Sph		1.8 Au
5/1294					34,28					x	the same			1.8 Au
6/1294					34,30					x	the same			1.8 Au
7/1294					34,40	34,50	0,10			x	Gal-Py	Sph, in Bi-Mu schist breccia		1.8 Au
1/694	480,0	335	228	6(94)	1,35	1,45	0,10				Mu schist			
2/694					1,50	1,60	0,10		s		Sph-Po-Gal-Q	Q fold in the ore		
3/694					1,80				x		Sph-Py			
4/694					4,10	4,15	0,05		x		Po-Py-Sph-Gal	Chl in Mu schist		
5/694					6,30					xx	Gal-Fa-Q			4.65 Au

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
6/694					6,45					x	the same			4.65 Au
7/694					6,50	6,65	0,15				the same	Q dominant		4.65 Au
1/3293	90,0	380	209	32/93	50,28	50,30	0,02		x		Gal-Sph			
2/3293					50,30	50,40	0,10				the same			
3/3293					50,41				x		Po-Gal			
4/3293					51,40					x	Py-Po-Sph			4 Au
5/3293					51,90					ps	Ars?-Sph	in Q breccia, Q dark and white		4 Au
6/3293					52,55					x	Sph-Py			4 Au
7/3293					53,60					x	Py-Sph			4 Au
8/3293					53,85					x	Po	with Py		4 Au
1/2193	20 NØ	260	287	21/93	2,00	2,15	0,15		x		Sph-Gal			
2/2193					2,32	2,39	0,07		x		the same			
3/2193					2,60	2,65	0,05		x		Ars?-Chl			
4/2193					3,35	3,50	0,15		x, s		Sph-Gal			
5/2193					6,00	6,10	0,10			x				463Ag
6/2193					8,10	8,20	0,10			x				463Ag
7/2193					8,30					x	Gal-Sph			463Ag
8/2193					8,35					x	Gal			463Ag
9/2193					8,35	8,52				ps	Gal ore	conglomerate like!!		463Ag
10/2193					8,50	8,52				x	Gal-Ars			463Ag
11/2193					8,52	8,54				x	Gal-Py			463Ag
12/2193					8,54	8,56				x	Gal-Py			463Ag
1/1893	660,0	359	184	18/93	25,30	25,45	0,15		a,b		breccia-Gal-Sph	breccia cemented by Gal-Sph		
1/1593	640,0	368	185	15/93	30,40	30,50	0,10		x		Py-Sph			
2/1593					38,50					x, ps	Fa in quartzite	2-7/1593 example of lithological		
3/1593										x		control in mob. mineralization		
4/1593										x				
5/1593										x				
6/1593										x				
7/1593						38,70	0,20			x				
1/393	261,0	431	175	3(93)	30,25					x	Po in breccia			304.7Ag
2/393					30,35	30,40	0,05			x	Gal	Ky!		304.7Ag
1/193	260,0	429	174	1(93)	19,50	19,55	0,05			x	Fa in sch			77.5 Ag
2/193					19,55	19,57	0,02			x	Ars-Fa			the same
3/193					19,80					x	Py			the same

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
4/193					20,72	20,83	0,11			ps	Tu-Bi-Po	with large Ga with Q-Po core		the same
5/193					21,15	21,20	0,05			x				the same
6/193					21,45	21,55	0,10			x	Po			the same
1/4492	440,0	339	228	44/92	8,65					x	Fa	contact Q-Schist		399Ag
2/4492					9,70					x	Ga-Py in Q			the same
3/4492					9,90					x	Gal in Q and sch			the same
1/3892	300,0	447	176	38/92	14,31	14,34	0,03							1265Ag
2/3892					14,36	14,40	0,04			x				the same
3/3892					14,40	14,44	0,04			x				the same
4/3892					15,00	15,05	0,05			x	Q-Sul-alteration	a-mob, b-alteration		
5/3892					15,16	15,19	0,03			x	Gal-Ars	in Amph?		1709 Ag
6/3892					15,67	15,78	0,11			x	Chl-Gal-Bi-Q			
1/5991	378,6	462	294	59/91	3,45				x		Po			
2/5991					4,15					x	Py-Sph-Gal			960Ag
1/391	180,0	419	182	3(91)	85,30	85,32	0,02			x				452,9Ag
2/391					85,38	85,43	0,05			x	Q breccia	in Mu schist with Gal		the same
3/391					85,49	85,51	0,03			x	Gal-Py	along contact q-schist		the same
4/2589	363,5	202	287	25/89	9,60					ps	Py	massive Py cross cut by Q		101,3Ag
1/2089	359,0	208	286	20/89	44,20	44,30	0,10			x	Gal-Chl	cross cut Q		328Ag
2/2089					44,70	44,80				x	Py-Sph			328Ag
3/2089					46,00	46,10	0,10			x	Chl-Gal	and brown mineral??		328Ag
4/2089					46,50					x	Po-Chl			288Ag
5/2089					46,65					x	Po			288Ag
1/1389	480,0	270	247	13/89	33,30						Car-Q-Fld			
2/1389					12,15					x	Py-Ars			
1/1189	520,0	248	248	11(89)	9,70					x	Gal in Q			398Ag
2/1189					9,90					x	Q-Chl-Gal			same
3/1189					10,50	10,60	0,10			x	Q breccia	with Gal		same
4/1189					10,65	10,70	0,05			xx	Gal-Po-Ars	a-gal, b-chl		same
1/689	500,0	261	248	6(89)	2,63					x	Py-Sph			
2/689					10,50						Py-Sph-Gal	contact Q-schist		
3/689					18,30	18,40	0,10			x	Gal-Py			1256Ag
4/689					18,40	18,55	0,15			x	Q breccia	with Gal-Py		1256Ag
1/289	479,5	269	247	2(89)	5,25	5,30	0,05			x	Py-Sph			
2/289					19,52	19,62	0,10			x	Ars-Py-Gal			

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
3/289					19,82					x	Gal-Ars veinlet	in Q		1.2 Au
1/189	481,0	257	251	1(89)	38,10	38,28	0,18			x	Gal	cemented Q breccia		298Ag
2/189					38,95					x				298Ag
1/5188	480,0	256	247	51/88	18,35					x	Q-Ars-Py			320Ag
2/5188					18,60	18,80	0,20			x	Fld-Q-Gal			320Ag
1/3988	140,0	244	233	38/88	73,63					x	Q-Gal			
2/3988					75,25					x	Py-Sph	along Q contact		263Ag
3/3988					96,10	96,25	0,15		s		green mineral	chlorite? and Cal		
1/1888	614,0	382	241	18/88	2,10	2,12	0,02			x	Gal veinlet			828Ag
2/1888					2,50	2,60	0,10		s		Gal	cemented Q breccia		2440Ag
3/1888					2,72					x	Gal			2440Ag
4/1888					2,90					x	Gal			2440Ag
5/1888					19,95	20,00	0,05			x	Py-Sph	band		
6/1888					20,60					x	Gal	in rock breccia		
1/190	884132,4	29966	419	1(90)	421,00	425,00	4,00				Mc gneiss	brecciated	x	700N
1-1/190								422,25	x					
1-2/190								423,80	x					
2/190					425,00	426,00	1,00	425,90	x		Mc gneiss		x	
3/190					426,00	427,00	1,00						x	
4/190					427,00	428,00	1,00						x	
5/190					428,00	429,00	1,00				Mu-Bi sch		x	
6/190					429,00	429,70	0,70						x	
7/190					429,70	430,20	0,50						x	
8/190					430,20	431,20	1,00	430,40	x		quartzite	Gal veinlet	x	
9/190					431,20	432,20	1,00						x	
10/190					432,20	433,20	1,00						x	
11/190					433,20	434,15	0,95						x	
12/190					434,15	435,00	0,85	434,80	x				x	
13/190					435,00	436,00	1,00	435,15	x			Po-Chl?	x	
14/190					436,00	437,00	1,00	436,20	x			Gal impr.	x	
15/190					437,00	438,00	1,00						x	
16/190					438,00	438,45	0,45						x	
17/190					438,45	439,00	0,55	438,85	x		Mu-Bi sch		x	
18/190					439,00	440,00	1,00	439,10	x				x	
19/190					440,00	441,00	1,00						x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
20/190					441,00	442,00	1,00	441,50	s		Cal cross cut Q	Cal - obr	x	
21/190					442,00	442,30	0,30						x	
22/190					442,30	443,10	0,80	442,55	x		Mu sch-quartzite	intercalation	x	
23/190					443,10	443,65	0,55	443,20	s		quartzite		x	
24/190					443,65	444,65	1,00				Mu schist		x	
25/190					444,65	445,35	0,70	444,75	s		quartzite		x	
26/190					445,35	446,20	0,85				Mu schist	with Bi and Ky	x	
27/190					446,20	447,05	0,85				Mu schist	with quartzite and Gal	x	
27-1/190								446,25	x					
27-2/190								446,75	x					
28/190					447,05	447,60	0,55						x	
28-1/190								447,10	x					
28-2/190								447,25	x					
28-3/190								447,40	a,b			Ars		
29/190					447,60	448,20	0,60						x	
29-1/190								447,65		ps	Mu sch with Ars	Q fragment in the Mu schist		
29-2/190								447,95	x					
29-3/190								448,05	x					
29-4/190								448,15	x					
30/190					448,20	449,10	0,90	448,20	s		Mu-Fld sch	with quartzite	x	
31/190					449,10	450,00	0,90	449,80	x		quartzite		x	
32/190					450,00	451,00	1,00	450,25	x		quartzite	with Mu schist	x	
33/190					451,00	452,00	1,00	451,70	x		intercalation	Mu sch-quartzite-Mu-Bi schist	x	
34/190					452,00	453,00	1,00				Mu-Bi schist		x	
35/190					453,00	453,70	0,70						x	
36/190					453,70	454,40	0,70	453,80	x			with Ky and Graph	x	
37/190					454,40	455,00	0,60						x	
38/190					455,00	456,00	1,00	455,40	x				x	
39/190					456,00	457,00	1,00						x	
40/190					457,00	458,00	1,00						x	
41/190					458,00	458,60	0,60	458,55	x			Gal, Chl impr.	x	
42/190					458,60	459,00	0,40	458,75	x		breccia with Po	Chl, Gal	x	
43/190					459,00	459,30	0,30	459,10	x		breccia with Po		x	
44/190					459,30	459,50	0,20	459,40	x		Po		x	
45/190					459,50	459,60	0,10	459,55	x		Po breccia ore	with Q veinlet with some Gal	x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
46/190					459,60	459,65	0,05				Q veinlet	with Gal, Fa?	x,	
46-1/190								459,60	x					
46-2/190								459,65	x					
47/190					459,65	459,90	0,25	459,70	x		quartzite		x	
48/190					459,90	460,20	0,30	460,00	x		Mu schist		x	
49/190					460,20	460,45	0,25	460,30	x		Mu-Bi scist		x	
50/190					460,45	461,00	0,55	460,70	x		Mc gneiss		x	
51/190					461,00	462,00	1,00						x	
52/190					462,00	463,00	1,00	462,20	s			Fld with a few Chl, Po, Gal	x	
53/190					463,00	464,00	1,00						x	
54/190					464,00	465,00	1,00				Bi-Mu schist		x	
55/190					469,80	470,00	0,20				Mc gneiss	with Fld-Gal-Sulfosalt veinlet	x	
55-1/190								469,85	x		Gal			
55-2/190								469,90	x		alteration			
56/190					474,35	474,60			s		Mc gneiss	with Garnet		
57/190					476,85				s		Mu-Bi sch	within Mc gneiss, with Po impr		
1/290	883740,0	29696	450	2(90)	371,30	371,45	0,15	371,35	x		Graph-Po		x	360N
2/290					375,00	376,00	1,00	375,90	s		Ga-Bi sch		x	
3/290					376,00	377,00	1,00	376,65	x				x	
4/290					377,00	378,00	1,00						x	
5/290					378,00	379,00	1,00						x	
6/290					379,00	379,65	0,65	379,55	x			Po impr	x	
7/290					379,65	380,85	1,20	380,65	x		Bi-Fld-Ky sch		x	
8/290					380,85	381,85	1,00					with St, Chl	x	
8-1/290								381,10	x					
8-2/290								381,60	x					
9/290					381,85	382,95	1,10	382,90	x				x	
10/290					382,95	383,90	0,95	383,45	x		quartzite		x	
11/290					383,90	384,70	0,80	384,35	x			with Ky	x	
12/290					384,70	385,15	0,45				Bi sch	dessim. Po, Chl	x	
12-1/290								384,80	x					
12-2/290								385,10	x					
13/290					385,15	385,40	0,25	385,20	x		Fld-Mica sch		x	
14/290					385,40	386,10	0,70				Bi sch	Gal, Po	x	
14-1/290								385,85	x					

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
14-2/290								386,00	x					
15/290					386,10	387,10	1,00				Mu-Fld-Q sch	Gal impr.	x	
15-1/290								386,15	x					
15-2/290								386,95	x					
16/290					387,10	387,40	0,30				Gal impr.		x	
16-1/290								387,20	x					
16-2/290								387,35	x					
17/290					387,40	387,70	0,30	387,60	x		Po		x	
18/290					387,70	388,10	0,40	387,95	x		Mu sch	Po, Chl, Gal	x	
19/290					388,10	388,60	0,50	388,15	x		Po		x	
20/290					388,60	388,80	0,20	388,75	x		Bi-Fld sch	Sph, minor Chl, Gal impr.	x	
21/290					388,80	390,00	1,20				Mu scist	Po, Sph, Chl, Gal	x	
21-1/290								388,85	x					
21-2/290								389,10	x					
21-3/290								389,85	x					
22/290					390,00	391,00	1,00	390,80	x			Sph chain	x	
23/290					391,00	392,10	1,10						x	
23-1/290								391,70	x					
23-2/290								392,05	x					
24/290					392,10	392,90	0,80	392,20	x				x	
25/290					392,90	393,50	0,60				Po	Py,Sph,Gal	x	
25-1/290								393,00	x					
25-2/290								393,20	x					
26/290					393,50	394,45	0,95				Fld quartzite	with Po, Sph, minor Gal, Chl	x	
26-1/290								393,60	x					
26-2/290								393,75	x					
27/290					394,45	395,00	0,55	394,85	x		Mu-Bi sch		x	
28/290					395,00	395,30	0,30	395,10	x		Py-Po-Sph			
29/290					395,30	396,05	0,75				Mu-Bi sch	with quartzite, with Py, Sph, Gal	x	
29-1/290								395,50	x					
29-2/290								395,90	x					
30/290					396,05	396,50	0,45						x	
30-1/290								396,15	x					
30-2/290								396,45	x					
31/290					396,50	397,20	0,70						x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
31-1/290								396,65	x					
31-2/290								396,85	x					
32/290					397,20	398,50	1,30	397,70	x			barren	x	
33/290					398,50	399,50	1,00					with sulfides	x	
33-1/290								398,90	x					
33-2/290								399,25	x					
34/290					399,50	400,30	0,80						x	
34-1/290								399,90	x					
34-2/290								400,10	x					
35/290					400,30	400,50	0,20				Py-Sph		x	
35-1/290								400,35	x					
35-2/290								400,45	x					
36/290					400,50	400,80	0,30				Mu sch	Gal	x	
36-1/290								400,60	x					
36-2/290								400,75	x					
37/290					400,80	401,00	0,20	400,90	x		contact	Mu schist - Mc gneiss	x	
38/290					401,00	402,00	1,00				Mc gneiss		x	
39/290					402,00	403,00	1,00						x	
39-1/290								402,75	x			Bi rich with few Po		
39-2/290								402,80	x			Bi poor		
40/290					403,00	404,00	1,00						x	
41/290					404,00	405,00	1,00						x	
41-1/290								404,60	x					
41-2/290								404,65	x					
42/290					409,90			409,90	x		Pinkish Ga	around Q veinlet, with Py		
43/290					410,40			410,40	s		Q in Mu-Py sch			
44/290					414,15	415,25	0,10	414,20	s		Contact	cross cut schistosity		
1/989	520,0	250	248	9(89)	0,00	0,50	0,50	0,35		x	Fld quartzite	Mu rich, with Gal, Sph, Py	x	
2/989					0,50	1,05	0,55	0,60		x			x	
3/989					1,05	1,50	0,45	1,30		x			x	
4/989					1,50	2,00	0,50				Sph massive		x	
4-1/989								1,55		x				
4-2/989								1,80		x				
5/989					2,00	2,50	0,50	2,10		x	Sph-Py dessim.		x	
6/989					2,50	2,85	0,35				Po massive ore	Gal	x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
6-1/989								2,60		x				
6-2/989								2,70		x				
7/989					2,85	3,80	0,95	3,50		x	Mu schist	few sulfides	x	
8/989					3,80	4,00	0,20	3,90		x	Po with Chl, Sph		x	
9/989					4,00	4,30	0,30	4,20		x	Mu schist	with Gal	x	
10/989					4,30	5,00	0,70				Mu-Bi schist		x	
11/989					5,00	6,00	1,00	5,95		x			x	
12/989					6,00	7,00	1,00	6,15		x			x	
13/989					7,00	7,85	0,85				schist-gneiss	Mu-Bi schist - Mc gneiss	x	
14/989					7,85	9,15	1,30	8,35		x	Mc gneiss		x	
15/989					9,15	9,80	0,65	9,50		x	Mu scist	Chl, Po	x	
16/989					9,80	10,60	0,80	10,20		x	Mu-Bi schist		x	
17/989					10,60	11,20	0,60	10,80		x	quartzite		x	
18/989					11,20	12,00	0,80	11,50	s?				x	
19/989					12,00	13,00	1,00	12,95		x			x	
20/989					13,00	14,00	1,00	13,45	x	x			x	
21/989					14,00	14,65	0,65						x	
21-A/989								14,20		x	Fld spot in quart.			
21-B/989								14,20	x		Mu rich quartzite			
22/989					14,65	15,60	0,95				Mu-Bi scist		x	
23/989					15,60	15,85	0,25				Mu schist		x	
24/989					15,85	16,05	0,20	16,00		x	Q	with Sph, Gal, Po, Chl	x	
25/989					16,05	16,70	0,65				Mu-Bi schist		x	
26/989					29,30	29,70	0,40				Fld-Q vein		x	
1/2891	520,0	239	316	28/91	0,00	0,50	0,50	0,00		x	Mu-Bi schist		x	
2/2891					0,50	1,00	0,50					with Sph, Po, Chl	x	
2-1/2891								0,85		x				
2-2/2891								0,90		x				
3/2891					1,00	1,70	0,70						x	
4/2891					1,70	2,40	0,70				complex	Mu sch., quartzite, Q, Sulfides	x	
4-1A/2891								1,80	b	x				
4-2A/2891								1,85	b	x				
4-3/2891								2,35		x				
5/2891					2,40	2,85	0,45				quartzite		x	
5-1/2891								2,50		x	green mineral	chlorite?		

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
5-2/2891								2,70		x				
6/2891					2,85	3,80	0,95				Mc gneiss		x	
6-1/2891								2,85		x				
6-2A/2891								3,25	b					
7/2891					3,80	4,05	0,25				quartzite		x	
7-1/2891								3,90	s					
7-2/2891								4,00		x				
8/2891					4,05	4,65	0,60	4,40		x	Mc gneiss		x	
9/2891					4,65	5,00	0,35	4,70		x	quartzite	after Mc gneiss!!	x	
10/2891					5,00	6,00	1,00	5,25		x			x	
11/2891					6,00	7,00	1,00						x	
11-1/2891								6,20		x				
11-2/2891								6,50		a,b				
11-3/2891								6,90		pl				
12/2891					7,00	7,50	0,50	7,35		x			x	
13/2891					7,50	7,90	0,40	7,75		x			x	
14/2891					7,90	8,90	1,00				Mc gneiss		x	
15/2891					8,90	9,25	0,35	9,15		x	Mu schist	Fld rich	x	
16/2891					9,25	9,35	0,10						x	
17/2891					9,35	9,85	0,50				Po massive	Sph, Gal, rich in Chl	x	
17-1/2891								9,50		x				
17-2/2891								9,80		x				
18/2891					9,85	10,10	0,25				Mu schist	with Po, Chl, Gal	x	
18-1/2891								9,90		x				
18-2/2891								10,00		x				
19/2891					10,10	11,00	0,90				Mu schist		x	
20/2891					11,00	12,00	1,00				quartzite		x	
20-1/2891								11,60		x				
20-2/2891								11,70		x				
21/2891					12,00	13,00	1,00	12,80		x			x	
22/2891					13,00	14,00	1,00	13,60	s			green mica	x	
23/2891					14,00	14,65	0,65	14,50	s			s - Mu schist in quartzite like	x	
24/2891					14,65	15,80	1,15	15,70		x	Mu schist	Fld rich	x	
25/2891					15,80	16,80	1,00	16,20		x			x	
26/2891					16,80	17,80	1,00	17,60	s		Mu-Bi schist	with Ky?	x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
27/2891					17,80	18,40	0,60				Fld-Mu schist	with Gal, Chl, Po	x	
27-1/2891								18,05		x				
27-2/2891								18,15		x				
27-3/2891								18,30		x				
28/2891					18,40	19,00	0,60	18,60		a,b	Mc gneiss		x	
29/2891					19,00	20,00	1,00	19,20		x	Mc gn - Fld-Bi s.		x	
30/2891					20,00	20,60	0,60	20,35	s		Mc gn - quartzite		x	
31/2891					20,60	21,00	0,40	20,95		x	Mc gn.		x	
32/2891					21,00	22,00	1,00						x	
33/2891					22,00	23,00	1,00						x	
34/2891					23,00	24,00	1,00						x	
35/2891					24,00	25,00	1,00	24,20	s?				x	
36/2891					28,80	29,00	0,20				Mu-Bi schist		x	
37/2891					29,00	29,30	0,30	29,25			Q vein	with Bi, Fld, Mu	x	
38/2891					29,30	29,60	0,30				Mu-Bi schist		x	
39/2891					44,30	44,50	0,20	44,45		x	Q	with Gal, Chl	x	
40/2891					45,15	45,30	0,15	45,25		x	Q	with Gal, Fa	x	
41/2891					51,70			51,70	s	a,b	contact	between Mu and Mu-Bi schist		
1/2491	520,0	235	318	24/91	15,00	16,10	1,10				Bi-Mu schist	with Graph	x	
1-1/2491								15,30	x					
1-2/2491								15,92	x					
2/2491					16,10	16,50	0,40	16,30	x		Q vein		x	
3/2491					16,50	17,30	0,80	16,60	x		Bi-Mu schist	Py impr.	x	
4/2491					26,00	27,00	1,00	26,35	x		Mu-Bi sch	with Py impr	x	
5/2491					27,00	28,00	1,00						x	
6/2491					28,00	29,00	1,00	28,75	x			with Py impr	x	
7/2491					29,00	30,00	1,00						x	
8/2491					30,00	31,00	1,00	30,50	x				x	
9/2491					31,00	32,00	1,00						x	
10/2491					32,00	33,00	1,00						x	
10-1/2491								32,10		x				
10-2/2491								32,70		x		x - Sph veinlet		
11/2491					33,00	33,70	0,70	33,65		x			x	
12/2491					33,70	33,80	0,10	33,75		x	Q	with Py, Po, Sph	x	
13/2491					33,80	34,00	0,20	33,90		x	Mu scist	with band of Py-Sph ore	x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
14/2491					34,00	34,50	0,50	34,25		x	Py-Sph	massive	x	
15/2491					34,50	35,00	0,50	34,75		x			x	
16/2491					35,00	35,50	0,50	35,25		x			x	
17/2491					35,50	36,00	0,50	35,80		x			x	
18/2491					36,00	36,65	0,65	36,45		x			x	
19/2491					36,65	37,50	0,85	37,20		x			x	
20/2491					37,50	38,00	0,50	37,55		x			x	
21/2491					38,00	38,50	0,50	38,30		x			x	
22/2491					38,50	39,00	0,50	38,80		x			x	
23/2491					39,00	39,40	0,40	39,20		x			x	
24/2491					39,40	39,60	0,20	39,50		x			x	
25/2491					39,60	40,00	0,40	39,90		x	Mu-Fld shcist	with Py, Sph	x	
26/2491					41,00	41,50	0,50	41,45		x	Mu-Q scist	with, Py, Sph; note the break	x	
27/2491					41,50	42,00	0,50	41,70	x		Mu-Bi schist		x	
28/2491					42,00	43,00	1,00	42,55	x		Mu-Fld schist		x	
29/2491					43,00	44,00	1,00	43,25	x				x	
30/2491					44,00	45,20	1,20	45,15	x				x	
31/2491					45,20	46,00	0,80				Ky-Bi-Fld schist	Ky up to 20 volume %	x	
32/2491					46,00	47,00	1,00						x	
33/2491					47,00	48,00	1,00						x	
34/2491					48,00	49,00	1,00						x	
35/2491					49,00	50,00	1,00	49,30		x			x	
1/3993	520,0	356	245	39/93	0,00	1,00	1,00	0,10	x		Mc gneiss		x	
2/3993					1,00	2,00	1,00						x	
3/3993					2,00	3,00	1,00	2,20	x				x	
4/3993					3,00	4,00	1,00	3,70	x				x	
5/3993					4,00	5,00	1,00						x	
6/3993					5,00	6,00	1,00						x	
7/3993					6,00	7,00	1,00	6,10	x				x	
8/3993					7,00	8,00	1,00	7,45	x		complex	Mc gn- - Bi-Mu sch - Mu-Bi sch	x	
9/3993					8,00	9,00	1,00	8,50	x		Mu-Bi sch		x	
10/3993					9,00	10,00	1,00	9,55	x				x	
11/3993					10,00	11,00	1,00	10,55	x				x	
12/3993					11,00	12,00	1,00	11,65		x		with Po impr	x	
13/3993					12,00	12,70	0,70					with Po, Sph	x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
13-1/3993								12,05		x				
13-2/3993								12,40		x				
14/3993					12,70	13,25	0,55	13,15		x, pl	Q vein		x	
15/3993					13,25	13,80	0,55				Mu schist	with Po bands	x	
15-1/3993								13,60		x				
15-2/3993								13,70		x				
16/3993					13,80	14,60	0,80				Mu-Bi schi.	with Po, and quartzite band	x	
17/3993					14,60	14,90	0,30				Bi-Mu-Fld	with Po	x	
18/3993					14,90	15,55	0,65	15,35	x		Bi-Mu-Ga schist		x	
19/3993					15,55	16,90	1,35	16,65	x		Bi schist		x	
20/3993					16,90	17,90	1,00	17,60	x				x	
21/3993					17,90	18,70	0,80	18,20	x		Bi-Mu-Ky schist		x	
22/3993					18,70	19,70	1,00				Mu-Bi schist		x	
23/3993					19,70	20,70	1,00	20,60	x-pl				x	
24/3993					20,70	21,70	1,00	21,45	x			with Graph	x	
25/3993					21,70	22,70	1,00	22,20	x				x	
26/3993					22,70	23,70	1,00	23,20	x				x	
27/3993					23,70	24,70	1,00				Mu schist		x	
28/3993					24,70	25,70	1,00	25,10	x				x	
29/3993					25,70	26,70	1,00						x	
30/3993					26,70	27,55	0,85	26,80	x				x	
31/3993					27,55	28,30	0,75	27,80	x		Mu-Bi schist		x	
32/3993					28,30	28,80	0,50	28,40		x	complex	Mu sch - Fld & Q with Gal-Sph	x	
33/3993					28,80	29,00	0,20				Q-Gal-Sph-Chl		x	
33-1/3993								28,80		x				
33-2/3993								28,90		x				
33-3/3993								28,92		x				
33-4/3993								28,95		x				
33-5/3993								28,99		x				
34/3993					29,00	29,70	0,70	29,45		x	Mu schist	with Gal and Q	x	
35/3993					29,70	30,50	0,80	29,75		x			x	
36/3993					30,50	31,50	1,00	30,85	x				x	
37/3993					31,50	32,20	0,70	31,60	x		Ga-Bi schist		x	
38/3993					32,20	33,00	0,80	32,60	x		Fld-Mu sch	with Graph	x	
39/3993					33,00	33,80	0,80						x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
40/3993					33,80	34,20	0,40	34,00	x		Bi schist		x	
41/3993					34,20	35,00	0,80				Fld-Mu sch		x	
41-1/3993								34,60	x					
41-2/3993								34,70	x					
42/3993					43,50	45,00	1,50				Mu schist	few Ga, Bi; note - fracturing	x	
1/490	883883	29783	433	4(90)	365,00	366,00	1,00	365,85	x		Ga-Bi schist		x	520,0
2/490					366,00	366,65	0,65	366,10	x		Graphite		x	
3/490					366,65	367,50	0,85	367,05	x		Ga-Bi schist		x	
4/490					367,50	368,40	0,90						x	
5/490					368,40	369,30	0,90						x	
6/490					369,30	370,12	0,82	369,80	x				x	
7/490					370,12	371,00	0,88	370,80	x		Mu-Bi-Ky	with Graph	x	
8/490					371,00	372,00	1,00						x	
9/490					372,00	373,00	1,00						x	
9-1/490								372,10		x				
9-2/490								372,45		x				
10/490					373,00	373,50	0,50				Po-Bi-Ky		x	
10-1/490								373,05		x				
10-2/490								373,15	b,c	a				
10-3/490								373,35	b	a				
11/490					373,50	374,00	0,50	373,95		x	Mu-Ky schist		x	
12/490					374,00	374,25	0,25	374,20		x	Bi-Fld sch	with Mu, Gal, Po, Chl	x	
13/490					374,25	375,00	0,75				Bi-Mu-Ky schist		x	
14/490					375,00	376,00	1,00	375,50	x?		Bi-Mu sch		x	
15/490					376,00	377,00	1,00						x	
16/490					377,00	378,00	1,00	377,60	x				x	
17/490					378,00	379,00	1,00					with Po-Chl	x	
17-1/490								378,30	a,b					
17-2/490								378,60	x					
18/490					379,00	380,00	1,00						x	
19/490					380,00	381,00	1,00	380,05	x				x	
20/490					381,00	382,00	1,00						x	
21/490					382,00	382,70	0,70					Mu rich	x	
22/490					382,70	383,20	0,50	382,70	x			with Sph, Mu rich bands	x	
23/490					383,20	383,60	0,40	383,25	x		Bi-Mu schist	Bi bents in Mu schist, Chl-Po	x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
24/490					383,60	384,00	0,40				Mu schist	with Po, Chl, Gal, Sph	x	
24-1/490								383,65		x				
24-2/490								383,70	b	a				
24-3/490								383,80		x				
25/490					384,00	384,40	0,40				Po	with Mu schist, Chl, Gal, Sph	x	
25-1/490								384,05		x				
25-2/490								384,30		x				
26/490					384,40	384,95	0,55				Mu-Fld schist		x	
27/490					384,95	385,30	0,35				Po-Chl		x	
27-1/490								385,05		x				
27-2/490								385,25		x				
28/490					385,30	385,60	0,30						x	
28-1/490								385,30		x				
28-2/490								385,55		x				
29/490					385,60	386,20	0,60	385,90		x	Q	with Po, Chl, Gal, Sph	x	
30/490		tap			386,55	386,90	0,35	386,65		x	Po-Sph-Gal-Chl	banded ore	x	
31/490					386,90	387,20	0,30						x	
31-1/490								386,90		x				
31-2/490								387,05		x				
31-3/490								387,20		x				
32/490					387,20	387,70	0,50	387,30		x	Mu-Fld schist		x	
33/490					387,70	388,25	0,55	387,90	x		Mu schist		x	
34/490					388,25	388,50	0,25	388,30	a,b		quartzite		x	
35/490					388,50	389,00	0,50	388,80	x		complex		x	
36/490					389,00	390,00	1,00	389,50	x		Mc gneiss ?		x	
37/490					390,00	391,00	1,00	390,50	x				x	
38/490					391,00	392,00	1,00	391,80	x		Bi-Mu schist		x	
39/490					392,00	393,00	1,00	392,80	x				x	
40/490					393,00	394,00	1,00						x	
40-1/490								393,70	x					
40-2/490								393,75	x					
41/490					394,00	395,00	1,00						x	
41-1/490								394,10	x					
41-2/490								394,20	x					
41-3/490								394,75	b	a	Fld band with green min.			

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
41-4/490								394,80	s?					
42/490					395,00	396,00	1,00					with Sph?	x	
42-1/490								395,35		x	Fld band with few Sph			
42-2/490								395,55	x					
42-3/490								395,60	a,b					
43/490					396,00	397,00	1,00						x	
44/490					397,00	398,00	1,00						x	
45/490					398,00	399,00	1,00	398,70	s				x	
46/490					399,00	400,00	1,00	399,90	x			with Mc gneiss?	x	
149/590	883882,4	29783	433	5(90)	420,00	421,00	1,00	420,45	x		Ga-Mica schist		x	520N
148/590					421,00	421,90	0,90						x	
147/590					421,90	423,00	1,10						x	
146/590					423,00	424,00	1,00						x	
145/590					424,00	425,00	1,00						x	
144/590					425,00	426,00	1,00	425,35	x				x	
143/590					426,00	427,00	1,00						x	
142/590					427,00	428,00	1,00						x	
141/590					428,00	429,00	1,00						x	
140/590					429,00	430,00	1,00	429,10	x				x	
139/590					430,00	431,00	1,00	430,15	x				x	
138/590					431,00	431,35	0,35	431,20	x			with Graphite	x	
137/590					431,35	432,00	0,65	431,70	x		Fld-Mu	with Graphate and Bi	x	
136/590					432,00	433,00	1,00						x	
135/590					433,00	434,00	1,00						x	
134/590					434,00	435,00	1,00	434,75	x				x	
133/590					435,00	436,00	1,00						x	
132/590					436,00	437,00	1,00	436,50	x				x	
131/590					437,00	438,00	1,00						x	
130/590					438,00	439,00	1,00	438,55	x				x	
129/590					439,00	440,00	1,00						x	
128/590					440,00	441,00	1,00				Fld-Mu-Ky schist		x	
127/590					441,00	442,00	1,00	441,95	x			with Graphite	x	
126/590					442,00	443,00	1,00	442,30	x				x	
125/590					443,00	444,00	1,00						x	
124/590					444,00	444,95	0,95	444,60	x		Mu-Bi-Ky-Garph		x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
123/590					444,95	445,90	0,95	445,70	x				x	
122/590					445,90	446,45	0,55	446,30	x				x	
121/590					446,45	446,80	0,35	446,00		x	Fld-Mu		x	
120/590					446,80	447,00	0,20				Mu schist	with Po, Gal, Sph, Chl	x	
120-2/590								446,90		x				
120-1/590								446,95		x				
119/590					447,00	447,50	0,50	447,30		x	quartzite	with Bi, Mu and Po, Chl	x	
118/590					447,50	447,65	0,15	447,55		x	Bi-Po		x	
117/590					447,65	447,80	0,15	447,70	b,c		Fld Mu schist	with Graphite? and Gal!!	x	
116/590					447,80	448,15	0,35					with Bi, Po, Sph?, Chl, Py?	x	
115/590					448,15	448,50	0,35	448,20		x			x	
114/590					448,50	448,75	0,25	448,55		x	Graphite & Po		x	
113/590					448,75	448,95	0,20	448,85	x		Fld-Mu	with Sph, Chl, Gal impr.	x	
112/590					448,95	449,10	0,15				Po-Sph-Chl ore	with Gal	x	
112-2/590								448,95	a,b					
112-1/590								449,05		x				
111/590					449,10	449,45	0,35	449,20		x	Mu schist		x	
110/590					449,45	450,00	0,55	449,65		x	Mu-Ky schist	with Po	x	
109/590					450,00	451,00	1,00	450,85	x		Mu schist		x	
108/590					451,00	451,20	0,20				Fld-Mu schist		x	
107/590					451,20	452,00	0,80	451,30	a-c		quartzite		x	
106/590					452,00	452,70	0,70						x	
106-2/590								452,05	x					
106-1/590								452,50	x					
105/590					452,70	453,35	0,65						x	
104/590					453,35	453,55	0,20				Mu schist		x	
103/590					453,55	454,55	1,00	454,50	x		quartzite		x	
102/590					454,55	455,25	0,70	454,55	x		Mu schist		x	
101/590					455,25	455,50	0,25	455,40	x			with Py-Sph-Chl veinlet	x	
100/590					455,50	455,75	0,25				Mu schist		x	
99/590					455,75	456,12	0,37	455,80	a,b		quartzite			
98/590					456,12	456,70	0,58				Mu schist		x	
97/590					456,70	457,40	0,70	456,95		x			x	
96/590					457,40	457,80	0,40	457,40	b	x	Sph-Py ore		x	
95/590					457,80	458,00	0,40	457,90	b-d	x			x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
94/590					458,20	458,60	0,40	458,20		x			x	
93/590					458,60	459,00	0,40						x	
93-2/590								458,65		x				
93-1/590								458,90	a,c	b				
92/590					459,00	459,40	0,40						x	
92-2/590								459,10	b,c	a				
92-1/590								459,35		x				
91/590					459,40	460,00	0,60	459,50		x	Mu schist		x	
90/590					460,00	460,40	0,40				Shp-Po in Mu		x	
90-2/590								460,30		x				
90-1/590								460,40		x				
89/590					460,40	460,80	0,40	460,50		x	Sph-Chl-Po	in Mu schist	x	
88/590					460,80	461,20	0,40						x	
88-2/590								460,90		x				
88-1/590								461,15		x				
87/590					461,20	461,70	0,50	461,50		x	Mu schist	with Sph-Py veinlet	x	
86/590					461,70	462,20	0,50				Mu schist		x	
85/590					462,20	462,70	0,50						x	
84/590					462,70	463,25	0,55						x	
83/590					463,25	463,50	0,25				quartzite		x	
82/590					463,50	464,05	0,55				Mu schist		x	
81/590					464,05	464,40	0,35				quartzite		x	
80/590					464,40	464,75	0,35				Fld-Mu schist		x	
79/590					464,75	464,90	0,15					with Py-Po	x	
78/590					464,90	465,30	0,40	465,20		x	quartzite	with Py-Po	x	
77/590					465,30	465,75	0,45	465,40		x	Mu-Fld schist	with Bi and few Po	x	
76/590					465,75	466,75	1,00						x	
75/590					466,75	467,75	1,00	467,05	x				x	
74/590					467,75	468,90	1,15	468,25	x				x	
73/590					468,90	469,60	0,70						x	
72/590					469,60	470,00	0,40				Fld-Muschist	with Bi	x	
71/590					470,00	471,00	1,00	470,10	x				x	
70/590					471,00	472,00	1,00						x	
69/590					472,00	473,00	1,00						x	
68/590					473,00	474,00	1,00	473,10	x		Mu-Fld schist	with Bi	x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
67/590					474,00	475,00	1,00						x	
66/590					475,00	476,00	1,00	475,25	x				x	
65/590					476,00	477,00	1,00						x	
64/590					477,00	478,00	1,00						x	
63/590					478,00	479,00	1,00						x	
62/590					479,00	480,00	1,00						x	
61/590					480,00	481,00	1,00	480,10	x				x	
60/590					481,00	482,00	1,00						x	
59/590					482,00	483,00	1,00						x	
58/590					483,00	484,00	1,00						x	
57/590					484,00	485,00	1,00						x	
56/590					485,00	486,00	1,00	485,20	s			Car-Q veinlet	x	
55/590					486,00	487,00	1,00						x	
54/590					487,00	488,00	1,00	487,30	x				x	
53/590					488,00	489,00	1,00						x	
52/590					489,00	490,00	1,00						x	
51/590					490,00	491,00	1,00	490,30	x				x	
50/590					491,00	492,00	1,00						x	
49/590					492,00	493,00	1,00	492,40	x				x	
48/590					493,00	494,00	1,00						x	
47/590					494,00	494,65	0,65	494,30	x				x	
46/590					494,65	495,35	0,70				Mu-Fld schist		x	
45/590					495,35	495,75	0,40				Q vein		x	
44/590					495,75	496,40	0,65				Mu-Fld schist		x	
43/590					496,40	496,80	0,40				Q vein		x	
42/590					496,80	497,95	1,15	497,70	x		Mu-Fld schist		x	
41/590					497,95	499,00	1,05				quartzite		x	
41-2/590								498,35	x					
41-1/590								498,45	x					
40/590					499,00	500,00	1,00	499,20	x				x	
39/590					500,00	501,00	1,00						x	
38/590					501,00	502,20	1,20	501,40	x				x	
37/590					502,20	503,00	0,80				Mu-Bi schist		x	
36/590					503,00	503,45	0,45	503,00	x				x	
35/590					503,45	504,20	0,75				quartzite		x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
34/590					504,20	504,45	0,25				Mu-Fld schist		x	
33/590					504,45	504,70	0,25	504,60	x		Q vein		x	
32/590					504,70	506,00	1,30	504,80	x		Mu-Fld schist	with Bi	x	
31/590					506,00	506,90	0,90						x	
30/590					506,90	508,00	1,10	507,50	x		Bi-Mu schist		x	
29/590					508,00	509,00	1,00	508,65	x		Bi-Mu-Ky schist		x	
28/590					509,00	510,00	1,00						x	
27/590					510,00	511,00	1,00	510,05	x		Bi-Mu schist		x	
26/590					511,00	512,00	1,00	511,85	x				x	
25/590					512,00	513,00	1,00	512,60	x				x	
24/590					513,00	514,10	1,10						x	
23/590					514,10	515,30	1,20				Ga-Bi schist		x	
22/590					515,30	515,65	0,35				Q vein		x	
21/590					515,65	516,00	0,35				Ga-Mica schist		x	
20/590					516,00	517,00	1,00	516,80	x			few Chl	x	
19/590					517,00	517,50	0,50						x	
18/590					517,50	518,00	0,50					with Po	x	
17/590					518,00	519,00	1,00	518,20	x			few Po, Chl	x	
16/590					519,00	520,00	1,00						x	
15/590					520,00	521,00	1,00						x	
14/590					521,00	522,00	1,00	521,40	x				x	
13/590					522,00	523,00	1,00						x	
12/590					523,00	524,00	1,00						x	
11/590					524,00	525,00	1,00						x	
10/590					525,00	526,00	1,00	525,60	x		Bi-Mu schist	few Ga	x	
9/590					526,00	527,00	1,00						x	
8/590					527,00	528,30	1,30						x	
7/590					528,30	529,00	0,70				Ga-Bi schist		x	
7-2/590								528,35						
7-1/590								528,60						
6/590					529,00	530,00	1,00						x	
5/590					530,00	530,10	0,10	530,05	x			with Po	x	
4/590					530,10	531,00	0,90						x	
3/590					531,00	532,00	1,00						x	
2/590					532,00	533,00	1,00						x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
1/590					533,00	534,00	1,00						x	
1-3/590								533,20	x					
1-2/590								533,50	x					
1-1/590								533,95	x					
1/3587	740,0	132	381	35/87	20,00	21,20	1,20	20,60	x		Mu-Bi schist	few Py	x	
2/3587					21,20	22,20	1,00	22,15	x			Gal, Sph, Py minor impr.	x	
3/3587					22,20	22,85	0,65	22,40	x		Po-Py ore		x	
4/3587					22,85	23,05	0,20	22,95	x			very big Py (up to 1 cm)	x	
5/3587					23,05	23,30	0,25	23,20	x		Mu schist	few Sulfides	x	
6/3587					23,30	24,10	0,80	23,90	x		Po-Py ore	with abundant Mu sch. fragment	x	
7/3587					24,10	25,00	0,90	24,90	x		Mu schist	few Sulfides impr.	x	
8/3587					25,00	25,90	0,90	25,65	x				x	
9/3587					25,90	26,80	0,90	26,55	x				x	
10/3587					26,80	27,35	0,55	26,80	x				x	
11/3587					27,35	27,95	0,60	27,85	x				x	
12/3587					27,95	28,55	0,60				quartzite	with Mu, Po im., Fld with Sulf - v	x	
12-1/3587								28,40	x		sulf. in quartzite			
12-2/3587								28,50	x		contact Fld-quart			
13/3587					28,55	28,80	0,25	28,65	x		Mu schist		x	
14/3587					28,80	30,00	1,20	29,95	x		Mu-Bi schist		x	
1/2088	740,0	167	394	20/88	5,00	6,00	1,00	5,75	x		Fld quartzite	with Mu	x	
2/2088					6,00	6,45	0,45	6,17	x				x	
3/2088					6,45	6,70	0,25	6,66	x			with Ky!!!, green mica, Cal-Sul?	x	
4/2088					6,70	7,40	0,70	7,30	x		Mu schist	Fld rich, few Ky!, Py-Chl-Sph im	x	
5/2088					7,40	8,00	0,60	8,65	x		Py-Sph	breccia of Mu sch. with ore	x	
6/2088					8,00	8,60	0,60	8,40	x				x	
7/2088					8,60	9,00	0,40	8,80	x				x	
8/2088					9,00	9,50	0,50	9,40	x				x	
9/2088					9,50	10,00	0,50	9,90	x				x	
10/2088					10,00	10,50	0,50	10,05	x		Po dominant	Gal rich	x	
11/2088					10,50	11,00	0,50	10,75	x		Py-Sph-Po ore		x	
12/2088					11,00	11,50	0,50	11,25	x				x	
13/2088					11,50	12,00	0,50	11,55	x		Mu-Po ore	Mu sch. cemen. by Po,Chl,Sph	x	

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
14/2088					12,00	12,20	0,20	12,15	x		Po ore	Gal rich, conglomerate like	x	
15/2088					12,20	13,10	0,90				Mu-Bi sch	bands of Sulfosalts?!	x	
15-1/2088								12,60	x		dark band			
15-2/2088								12,85	x		dark band			
15-3/2088								13,00	x		Gal			
16/2088					13,10	13,80	0,70	13,32	x		Mc gneiss		x	
17/2088					13,80	15,00	1,20	14,80	x		Mu-Bi schist	Mu schist at the end of interval	x	
18/2088					16,95	16,99		16,95	x		Mc gn. like ?	Fld lenses		
1/3687	720,0	176	383	36/87	0,00	0,10	0,10	0,05	x, pl		Q	few Chl, Po		
2/3687					0,10	0,13	0,03	0,12	x		Mu schist	with sulfosalts?! and Py impr.		
3/3687					2,15	2,30	0,15	0,23	s		Q-Fld vein	with alteration halo		
4/3687					4,00	5,00	1,00	4,95	x		Mu-Bi schist		x	
5/3687					5,00	6,00	1,00	5,25	x		Mu schist	beds of quartzite like, Sulf. impr.	x	
6/3687					6,00	7,00	1,00	6,85	x		Mu schist	with Sph-Py impr., 2 Shp-Py b	x	
7/3687					7,00	7,70	0,70	7,50	x				x	
8/3687					7,70	7,95	0,25	7,80	x		Po-Py ore		x	
9/3687					7,95	9,00	1,05				Mu sch-ore beds		x	
9-1/3687								8,20	x		Gal in Mu sch			
9-2/3687								8,75	x		Po-Py ore			
10/3687					9,00	10,00	1,00	9,75	x		Mu sch-ore beds		x	
11/3687					10,00	10,30	0,30	10,25	x		Mu sch brec-ore	Mu schist breccia in the Po-Py	x	
12/3687					10,30	11,50	1,20	10,95	x		Mu schist		x	
13/3687					11,50	11,90	0,40				Ore beds-Mu sc		x	
13-1/3687								11,70	x					
13-2/3687								11,85	x					
14/3687					11,90	12,20	0,30	12,10	x		Mu sch-quartzite		x	
15/3687					12,20	13,00	0,80	12,20	x		Mu-Bi schist	Q veinlet with Sulfides	x	
1/2991	520,0	235	322	29/91	5,70	5,75	0,05	5,73		pl	Cal cuts Q-Sul			
2/2991					6,00	6,10	0,10	6,05		x	Py-Po	in schist breccia		
1/95 Pb	BG									x	from O.Bakke	Pb concentrate		
1/95 Zn	BG									x	the same	Zn concentrate		
1/95 Cu	BG									x	the same	Cu concentrate		

Table 1. Total sample list

sample	x	y	z	BH	UP	LOW	L m	chip int	chip	section	rock type	comment	ICP	other
2/95 Pb	BG									x	the same	Pb concentrate		
2/95 Zn	BG									x	the same	Zn concentrate		
2/95 Cu	BG									x	the same	Cu concentrate		
3/95 Pb	BG									x	from the plant	Pb concentrate		
3/95 Zn	BG									x	from the plant	Zn concentrate		
Notes:														
1. The lack of the any information in the column "rock type" means the same rock/ore type that is marked above it.														
2.														
x - thin polished section or polished section in the case of concentrates;														
ps - polished sample;														
pl - doubly polished thin section;														
s - hand sample.														
3. Coordinates:														
a) samples 1 - 77/95 GM, 100/95 GM, 119 - 159-1/95 GM - UTM coordinates;														
b) samples 78-88/95 GM, 101-118/95 GM, 160-182/GM, 188-269/95 GM - local grid from Bleikvassli Gruber;														
c) sample 266/95 GM - coticule from the waste pile near the ramp exit on Bleikvassli Gruber;														
d) samples 268 & 269/95 GM - some of their coordinates were impossible to install.														
4. Every sampled drill hole has its own numbering sequence. The number of the sample is in a numerator and a number of a drill core is in denominator.														
Two last characters in a drill hole number is a year of drilling.														
5. Every drill holes in this sheet have the coordinates of the zero point at the beginning of every sample sequence.														
In the case of underground drill holes the coordinates are in local mining grid;														
and in the case of surface drill holes their coordinates are in local grid used on the 1:5000 map.														
6. Hand point samples or chips commonly have only one interval shown in "chip int."														

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
1/190	1(90)	421,00	425,00	4,00	gMc	c	1	11	26	115	0,3	3	1	197	1,89	3	5	35	112	0,9	3	3	22	1,12	0,079
2/190		425,00	426,00	1,00	gMc		1	12	28	83	0,3	1	1	108	1,04	3	5	36	90	0,4	3	3	22	0,56	0,080
3/190		426,00	427,00	1,00	gMc		1	8	37	53	0,3	3	1	158	1,26	21	5	35	144	0,4	3	3	23	0,65	0,098
4/190		427,00	428,00	1,00	gMc		2	16	27	41	0,3	4	1	184	1,38	22	5	34	130	0,5	7	3	21	0,56	0,065
5/190		428,00	429,00	1,00	sMu-Bi		1	5	24	54	0,3	2	1	37	1,24	3	5	40	94	0,2	3	3	2	0,29	0,011
6/190		429,00	429,70	0,70	sMu-Bi		1	6	34	56	0,3	1	1	26	0,88	3	5	41	71	0,4	3	3	3	0,24	0,009
7/190		429,70	430,20	0,50	q-Flds,Q	wrpPy	1	12	32	173	0,3	6	1	49	0,68	6	5	28	78	0,8	3	3	4	0,34	0,006
8/190		430,20	431,20	1,00	q-Flds,Q	m-vt, wrpPy	1	13	233	44	0,9	3	1	13	0,27	3	5	27	45	0,2	3	5	4	0,18	0,007
9/190		431,20	432,20	1,00	q-Flds,Q	wrpPy	1	3	23	36	0,3	1	1	21	0,46	3	5	25	60	0,2	5	3	6	0,23	0,008
10/190		432,20	433,20	1,00	q-Flds,Q	utSph, wrpPy	1	4	40	85	0,5	1	1	15	0,68	3	24	26	61	0,5	3	3	4	0,24	0,007
11/190		433,20	434,15	0,95	q-Flds,Q	utSph, wrpPy	2	6	39	393	0,9	3	1	52	0,88	5	5	27	70	0,9	5	3	6	0,33	0,007
12/190		434,15	435,00	0,85	q-Fld,Mu	mis	1	2	27	34	0,3	2	1	24	1,25	7	5	35	59	0,2	3	3	2	0,32	0,007
13/190		435,00	436,00	1,00	q-Fld,Mu	mis	2	266	390	59	2,7	3	1	55	1,94	5	5	35	54	0,5	17	3	4	0,19	0,006
14/190		436,00	437,00	1,00	q-Fld,Mu	m-vt	3	26	1631	40	4,0	4	1	18	0,57	13	5	23	45	0,8	19	3	1	0,25	0,007
15/190		437,00	438,00	1,00	q-Fld,Mu	mis	1	15	56	83	0,8	6	1	62	1,48	3	5	37	79	0,2	3	3	6	0,48	0,009
16/190		438,00	438,45	0,45	q-Fld,Mu		1	10	74	169	0,8	4	1	39	0,48	3	12	38	128	0,6	7	3	8	1,21	0,015
17/190		438,45	439,00	0,55	sMu-Bi	mis	1	68	492	1096	1,2	4	1	119	2,13	3	5	41	80	2,8	8	3	6	0,54	0,013
18/190		439,00	440,00	1,00	sMu-Bi	c, mis	2	83	788	1576	2,2	2	1	63	1,85	3	5	44	68	4,8	7	5	7	0,50	0,014
19/190		440,00	441,00	1,00	sMu-Bi		1	6	57	103	0,3	3	1	44	1,47	29	5	44	40	0,2	3	3	3	0,13	0,011
20/190		441,00	442,00	1,00	sMu-Bi	c	1	5	43	80	0,3	1	1	30	1,25	10	5	43	30	0,4	3	3	3	0,12	0,010
21/190		442,00	442,30	0,30	sMu-Bi		1	6	31	104	0,3	4	1	72	1,88	3	5	49	28	0,2	6	3	3	0,10	0,010
22/190		442,30	443,10	0,80	sMu-Bi & q-Flds,Q	mis, wrpPy	5	6	44	123	0,7	3	2	28	2,71	6	10	35	38	0,6	8	3	5	0,19	0,012
23/190		443,10	443,65	0,55	q-Flds,Q	wrpPy	6	10	65	221	0,6	6	4	40	5,27	9	5	30	51	0,6	7	5	7	0,23	0,009
24/190		443,65	444,65	1,00	sMu-Bi & sMu		2	8	48	86	0,5	3	4	189	2,18	5	5	42	171	0,4	5	3	16	0,91	0,031
25/190		444,65	445,35	0,70	q-Flds,Mu		2	6	81	77	0,5	6	3	45	0,68	3	5	27	103	0,7	3	3	6	0,43	0,011
26/190		445,35	446,20	0,85	sMu-Bi-Ky		1	154	188	214	0,5	5	6	218	2,29	3	5	33	134	0,2	3	3	30	0,89	0,056
27/190		446,20	447,05	0,85	sMu-Bi-Ky & q-Flds, Mu	m-vt	1	384	2742	208	11,0	5	3	188	2,93	11	5	33	139	1,5	65	6	32	0,74	0,062
28/190		447,05	447,60	0,55	sMu & q-Q,Flds	m	1	646	8947	161	58,0	4	1	115	1,93	68	5	36	78	6,4	345	15	18	0,31	0,018
29/190		447,60	448,20	0,60	sMu & q-Q,Flds	m	1	404	13959	258	51,8	4	1	79	1,12	35	5	41	86	9,3	518	17	14	0,30	0,009
30/190		448,20	449,10	0,90	q-Mu,Fld		3	27	464	66	2,6	4	1	51	0,75	8	5	43	68	0,5	17	3	6	0,28	0,008
31/190		449,10	450,00	0,90	q-Flds,Q	mis, wrpPy	2	33	443	176	2,5	2	2	31	0,83	9	12	36	72	1,2	18	3	7	0,29	0,007
32/190		450,00	451,00	1,00	q-Flds,Q & sMu	m-dt	2	9	95	87	0,7	4	2	65	0,79	15	12	32	81	0,4	5	3	4	0,36	0,006
33/190		451,00	452,00	1,00	sMu & q-Flds,Mu & sMu-Bi		2	37	105	139	0,3	4	1	45	0,94	36	5	38	63	0,2	11	3	5	0,29	0,008
34/190		452,00	453,00	1,00	sMu-Bi		1	9	54	70	0,5	5	1	54	1,42	36	5	48	77	0,2	6	3	7	0,36	0,016

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
35/190		453,00	453,70	0,70	sMu-Bi		1	9	42	38	0,3	2	1	90	0,92	31	5	43	104	0,5	3	3	16	0,57	0,016
36/190		453,70	454,40	0,70	sMu-Bi-Ky-Gr-Po	wrpPo	2	35	53	89	0,5	10	2	182	2,29	33	5	51	133	0,5	3	3	33	1,15	0,036
37/190		454,40	455,00	0,60	sMu		1	12	44	74	0,3	4	1	98	1,34	61	12	50	111	0,5	3	3	29	1,15	0,032
38/190		455,00	456,00	1,00	sMu	mis	1	5	39	49	0,3	7	1	99	2,06	13	14	54	92	0,2	3	3	7	0,39	0,013
39/190		456,00	457,00	1,00	sMu		1	6	45	62	0,3	3	1	28	1,31	15	15	51	110	0,5	3	3	6	0,33	0,018
40/190		457,00	458,00	1,00	sMu		1	5	61	182	0,3	4	1	61	1,32	142	22	46	110	0,5	3	3	6	0,37	0,016
41/190		458,00	458,60	0,60	sMu	m	1	49	533	89	3,2	2	1	49	1,09	31	11	41	100	0,6	22	3	5	0,26	0,010
42/190		458,60	459,00	0,40	m-Po-p & sMu	m-Po-p	9	4788	4600	26300	21,2	9	14	223	12,59	27	10	36	79	66,1	72	7	11	0,25	0,010
43/190		459,00	459,30	0,30	Po-p & sMu	Po-p	15	3120	5632	44363	12,1	6	4	263	15,11	17	5	32	53	111,2	48	14	13	0,11	0,009
44/190		459,30	459,50	0,20	Po-r	Po-r	16	1394	19254	59109	70,4	14	1	397	33,11	69	5	17	28	150,1	388	32	7	0,09	0,009
45/190		459,50	459,60	0,10	m-Po-Sph & sMu	m-Po-p	6	908	3504	24890	15,1	8	1	209	11,72	55	18	36	62	65,7	163	11	12	0,35	0,014
46/190		459,60	459,65	0,05	vGal-Fa-Q	m-vt	1	861	11687	288	68,3	3	1	102	1,86	234	5	26	124	5,3	848	17	7	0,87	0,025
47/190		459,65	459,90	0,25	q-Fld,Mu	wrpPy	1	16	107	112	0,7	1	2	30	0,67	28	14	28	111	0,4	5	5	3	0,90	0,009
48/190		459,90	460,20	0,30	sMu	mis	3	47	207	307	1,5	8	3	66	2,03	11	28	54	74	0,5	13	5	6	0,19	0,006
49/190		460,20	460,45	0,25	sMu-Bi		1	16	54	93	0,7	4	3	107	2,40	3	16	39	159	0,4	3	3	34	0,40	0,051
50/190		460,45	461,00	0,55	gMc		1	9	65	74	0,3	5	1	130	1,38	5	5	33	141	0,2	3	3	15	0,60	0,060
51/190		461,00	462,00	1,00	gMc		1	8	61	60	0,6	4	1	128	1,47	5	19	39	125	0,2	3	3	18	0,59	0,061
52/190		462,00	463,00	1,00	gMc	m-vt	1	10	38	55	0,3	5	1	142	1,42	3	5	38	150	0,2	3	3	16	0,57	0,047
53/190		463,00	464,00	1,00	gMc	mis	1	8	46	59	0,5	4	4	129	1,60	5	22	42	152	0,5	3	3	18	0,66	0,060
54/190		464,00	465,00	1,00	sBi-Mu		1	14	52	82	0,3	6	6	184	2,16	10	28	39	162	0,8	3	3	23	0,96	0,067
55/190		469,80	470,00	0,20	vGal-Chl-Po-Flds	m-vt	3	400	5644	108	13,5	7	3	140	2,95	15	22	45	233	2,0	36	12	23	0,99	0,079
1/290	2(90)	371,30	371,45	0,15	sGraph	wrpPo	32	195	205	104	1,8	84	16	982	7,35	8	39	12	63	0,8	8	3	200	0,97	0,367
2/290		375,00	376,00	1,00	sGa-Mi	mis	2	45	105	80	0,8	37	20	3627	4,50	105	10	7	85	0,6	7	3	73	0,56	0,051
3/290		376,00	377,00	1,00	sGa-Mi		1	53	23	90	0,3	42	26	4257	5,67	5	11	11	82	0,5	3	3	81	0,22	0,047
4/290		377,00	378,00	1,00	sGa-Mi		1	47	18	87	0,3	38	28	4151	4,79	3	13	9	56	0,2	3	5	83	0,16	0,043
5/290		378,00	379,00	1,00	sGa-Mi		1	63	29	67	0,3	35	20	2549	4,64	7	14	7	67	0,5	3	3	67	0,28	0,043
6/290		379,00	379,65	0,65	sGa-Mi	mis	2	59	45	87	0,6	42	26	3349	4,74	104	14	9	84	0,6	3	8	83	0,49	0,056
7/290		379,65	380,85	1,20	sBi-Fld-Ky-Ga	mis	1	79	222	125	0,3	5	2	347	2,89	3	14	32	286	0,4	3	3	11	1,01	0,035
8/290		380,85	381,85	1,00	sBi-Fld-Ky-Ga-St	Bi-Po+St	3	973	419	183	1,0	7	5	272	3,49	3	15	38	349	0,9	6	3	20	1,40	0,036
9/290		381,85	382,95	1,10	sBi-Fld-Ky	Bi-Po-St-d	1	56	141	118	0,3	5	1	176	2,88	3	15	35	357	0,4	3	3	4	0,86	0,039
10/290		382,95	383,90	0,95	q-Fld,Bi,Mu & sBi-Fld-Mu	utPo	1	41	109	75	0,3	5	1	107	1,48	3	20	41	160	0,2	3	3	26	1,02	0,033
11/290		383,90	384,70	0,80	q-Fld,Bi,Ky,Mu	mis	5	133	92	212	0,8	17	2	266	2,43	3	23	41	152	1,2	5	3	95	1,01	0,118
12/290		384,70	385,15	0,45	sBi-Chl-Po	Bi-Po-d	3	3154	3837	2433	11,5	5	43	2913	10,92	37	5	19	13	9,9	93	16	11	2,42	0,036
13/290		385,15	385,40	0,25	sFld-Mu & sBi	m-Bi-d	4	696	14470	667	46,1	11	2	541	3,92	93	5	36	477	4,9	1032	78	26	2,17	0,025

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
14/290		385,40	386,10	0,70	sBi-Mu	m-Bi-Po-d	3	1663	14063	4700	36,1	7	20	2429	9,45	8	5	19	31	22,8	93	33	18	2,12	0,035
15/290		386,10	387,10	1,00	sMu-Bi	m-Bi-Po-p	7	1175	16110	7167	34,1	9	2	1286	4,98	16	5	31	161	29,0	121	44	25	2,05	0,035
16/290		387,10	387,40	0,30	sMu & q-Fld	m-Po-d	8	7850	35326	18222	65,4	6	3	2806	15,61	21	5	16	77	66,2	189	135	34	2,90	0,058
17/290		387,40	387,70	0,30	Po-r	Po-r	42	7008	9115	17060	17,1	22	1	786	46,36	17	5	11	42	53,0	47	25	22	0,31	0,017
18/290		387,70	388,10	0,40	sMu	m-Po-p	3	4119	22023	29152	33,8	11	4	1060	24,01	5	5	20	30	102,3	85	69	16	0,21	0,010
19/290		388,10	388,60	0,50	Po-r	Po-r	7	5380	34352	22811	57,9	19	1	4825	53,87	21	12	4	8	78,0	163	105	5	0,10	0,007
20/290		388,60	388,80	0,20	sBi-Fld	m-Bi-Po-d	50	17715	23666	99999	44,9	5	1	2053	21,09	17	17	15	60	352,7	397	95	24	0,39	0,027
21/290		388,80	390,00	1,20	sMu	m-Po-d	10	6392	7561	15301	11,8	6	1	437	10,65	7	11	29	37	49,1	144	25	12	0,26	0,011
22/290		390,00	391,00	1,00	sMu	m-dt	6	1346	3982	18388	3,7	5	2	226	7,08	3	5	35	20	44,3	36	9	15	0,10	0,006
23/290		391,00	392,10	1,10	sMu	m-Py-p	15	1865	28954	58930	31,0	8	33	620	16,76	26	11	31	31	199,7	186	27	17	0,23	0,007
24/290		392,10	392,90	0,80	sMu	m-dt	11	2477	5963	7585	6,4	3	1	285	6,65	3	5	35	42	21,5	32	14	10	0,19	0,013
25/290		392,90	393,50	0,60	m-Po-p	m-Po-p	23	1595	37900	97114	49,2	6	65	1247	20,46	17	11	17	30	385,5	207	46	22	0,17	0,007
26/290		393,50	394,45	0,95	q-Fld & Bi bands	Bi-Po-p	11	3183	4644	33501	7,7	6	1	676	12,37	3	5	26	87	136,4	47	9	22	0,45	0,019
27/290		394,45	395,00	0,55	Mu-Bi sch	m-dt	3	100	663	972	0,5	2	1	215	1,76	3	5	40	92	3,4	8	3	9	0,27	0,012
28/290		395,00	395,30	0,30	Py-r	Py-r	24	1552	20239	81366	21,8	6	20	688	19,19	21	5	18	41	294,4	122	11	17	0,23	0,005
29/290		395,30	396,05	0,75	sMu-Bi & q-Fld	m-Py-d	4	367	6532	12114	8,4	3	3	254	5,06	8	5	31	68	41,2	106	9	10	0,40	0,007
30/290		396,05	396,50	0,45	sMu-Bi	m-Py-d	9	526	5923	10524	6,7	2	3	180	7,56	15	5	37	68	33,8	148	7	10	0,30	0,008
31/290		396,50	397,20	0,70	sMu-Bi	m-Py-d	12	526	9642	19212	7,6	3	2	166	7,10	3	5	34	59	64,4	55	5	11	0,15	0,014
32/290		397,20	398,50	1,30	sMu-Bi	m-dt?	1	94	497	663	0,5	2	1	99	1,56	3	5	45	78	1,5	7	3	9	0,38	0,011
33/290		398,50	399,50	1,00	sMu-Bi	Bi-Po-p	9	3580	16176	36462	20,5	5	17	378	13,26	3	5	21	49	94,3	83	18	14	0,25	0,008
34/290		399,50	400,30	0,80	sMu-Bi	Bi-Po-p	3	2837	7354	13042	16,3	7	9	1308	10,07	3	5	33	92	33,7	177	36	17	0,84	0,018
35/290		400,30	400,50	0,20	Py-r	Py-r	35	543	23996	66799	34,8	9	46	498	27,53	20	5	8	44	226,0	162	46	7	0,29	0,007
36/290		400,50	400,80	0,30	sMu	m-Bi-Py	2	1144	36402	8355	104,7	5	2	314	4,16	12	5	27	202	44,6	361	82	14	1,11	0,051
37/290		400,80	401,00	0,20	sMu-Fld & gMc	m-dt	1	59	789	1069	1,5	2	1	182	2,06	3	5	34	184	3,6	21	8	16	0,74	0,052
38/290		401,00	402,00	1,00	gMc		1	16	522	179	1,2	1	1	120	1,54	12	5	34	152	0,6	8	5	15	0,51	0,047
39/290		402,00	403,00	1,00	gMc	m-vt	1	5	57	151	0,3	1	1	133	1,64	3	5	35	149	0,2	3	7	13	0,52	0,044
40/290		403,00	404,00	1,00	gMc		1	13	54	134	0,3	6	1	133	1,81	3	5	35	140	0,4	3	3	16	0,49	0,044
41/290		404,00	405,00	1,00	gMc		1	5	43	84	0,3	2	3	124	1,67	3	5	35	159	0,2	3	6	15	0,52	0,044
149/590	5(90)	420,00	421,00	1,00	sGa-Mi		1	34	19	79	0,5	42	29	5049	5,51	3	5	9	65	0,2	3	3	91	0,21	0,045
148/590		421,00	421,90	0,90	sGa-Mi		2	60	31	78	0,3	43	30	4396	5,15	3	5	10	66	0,2	3	3	93	0,15	0,046
147/590		421,90	423,00	1,10	sGa-Mi		1	41	22	65	0,3	36	23	4306	4,62	3	5	9	61	0,2	3	5	75	0,17	0,041
146/590		423,00	424,00	1,00	sGa-Mi		1	45	22	72	0,3	38	25	5153	5,03	3	5	8	66	0,2	3	3	79	0,19	0,047
145/590		424,00	425,00	1,00	sGa-Mi		1	60	33	79	0,3	43	30	4963	5,33	3	5	9	62	0,4	3	6	92	0,16	0,045
144/590		425,00	426,00	1,00	sGa-Mi		1	140	21	75	0,5	42	31	4203	5,16	3	5	9	65	0,2	3	3	92	0,17	0,049

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
143/590		426,00	427,00	1,00	sGa-Mi		1	62	22	86	0,6	47	32	4629	5,38	5	5	6	64	0,4	6	3	96	0,20	0,051
142/590		427,00	428,00	1,00	sGa-Mi		1	31	17	79	0,6	40	25	3779	5,30	3	5	9	60	0,2	3	6	82	0,16	0,042
141/590		428,00	429,00	1,00	sGa-Mi		2	98	20	54	0,3	37	19	2475	4,79	3	5	9	52	0,2	3	3	73	0,21	0,039
140/590		429,00	430,00	1,00	sGa-Mi		2	100	25	53	0,6	40	24	2628	4,66	12	5	6	49	0,2	10	3	73	0,25	0,038
139/590		430,00	431,00	1,00	sGa-Mi		1	28	33	73	0,3	39	27	5861	5,61	3	5	9	50	0,2	3	3	79	0,35	0,046
138/590		431,00	431,35	0,35	sGa-Mi & Grph		3	62	25	83	0,5	39	16	1281	4,54	3	5	6	58	0,6	3	3	83	0,36	0,041
137/590		431,35	432,00	0,65	sMu-Bi & Grph	wrpPo	2	4	41	62	0,3	8	1	120	1,41	3	5	56	88	0,2	3	3	18	0,40	0,022
136/590		432,00	433,00	1,00	sMu-Bi		1	3	38	33	0,3	3	1	58	1,27	3	5	36	114	0,2	3	5	9	0,41	0,019
135/590		433,00	434,00	1,00	sMu-Bi		1	6	30	33	0,3	5	1	55	1,38	3	5	42	111	0,2	3	5	3	0,42	0,010
134/590		434,00	435,00	1,00	sMu-Bi		1	1	44	47	0,3	2	1	49	1,30	5	5	48	113	0,2	8	3	4	0,38	0,011
133/590		435,00	436,00	1,00	sMu-Bi		1	1	31	36	0,7	1	1	51	1,19	3	10	45	85	0,2	3	3	3	0,29	0,007
132/590		436,00	437,00	1,00	sMu-Bi		1	3	35	48	0,3	4	1	38	1,33	3	5	46	119	0,2	3	3	7	0,44	0,013
131/590		437,00	438,00	1,00	sMu-Bi		1	4	41	49	0,3	3	1	45	1,50	3	5	42	108	0,2	3	3	6	0,39	0,010
130/590		438,00	439,00	1,00	sMu-Bi	mis	1	3	47	52	0,3	3	1	64	1,29	3	5	45	79	0,2	3	3	4	0,37	0,008
129/590		439,00	440,00	1,00	sMu-Bi		1	9	50	106	0,3	6	1	66	1,48	5	5	36	85	0,2	3	3	12	0,21	0,007
128/590		440,00	441,00	1,00	sMu-Bi-Ky	wrpPo	2	10	58	73	0,7	2	1	69	1,92	3	5	45	162	0,2	3	3	3	0,49	0,009
127/590		441,00	442,00	1,00	sMu-Bi-Ky	wrpPo	13	41	47	113	1,0	29	3	142	2,88	40	5	39	148	0,7	3	3	138	1,05	0,218
126/590		442,00	443,00	1,00	sMu-Bi-Ky	wrpPo	1	2	61	42	0,5	3	1	91	1,39	31	10	49	135	0,2	5	3	8	0,75	0,008
125/590		443,00	444,00	1,00	sMu-Bi-Ky	wrpPo	4	21	68	102	0,7	5	2	127	2,13	108	10	37	126	0,5	3	3	52	0,65	0,058
124/590		444,00	444,95	0,95	sMu-Bi-Ky	wrpPo	1	3	60	56	0,8	1	1	89	1,75	3	5	42	117	0,2	6	3	2	0,48	0,007
123/590		444,95	445,90	0,95	sMu-Bi-Ky & Grph	wrpChl-Po	1	24	109	80	0,3	3	1	109	1,85	3	5	49	168	0,2	3	3	2	0,51	0,008
122/590		445,90	446,45	0,55	sMu-Bi-Ky & Grph	wrpChl-Po	2	24	138	83	0,7	6	1	154	1,98	3	5	30	144	0,2	5	3	23	0,51	0,040
121/590		446,45	446,80	0,35	q-Fld,Mu	wrpPo	1	181	353	369	0,9	4	1	272	2,25	3	5	44	104	1,0	5	6	22	0,57	0,031
120/590		446,80	447,00	0,20	sMu	m-dt	14	1144	17298	18581	31,4	3	5	1351	6,68	12	5	36	138	69,1	49	143	27	0,84	0,083
119/590		447,00	447,50	0,50	q-Fld,Mu & Bi-Po	Bi-Chl-Po	10	2006	2593	6641	5,1	3	15	722	6,09	10	5	39	244	21,7	13	24	13	1,37	0,019
118/590		447,50	447,65	0,15	Bi-Po	Bi-Po	6	5879	4844	12730	10,5	5	7	1905	10,35	30	5	33	94	39,6	11	59	25	0,62	0,031
117/590		447,65	447,80	0,15	q-Fld,Mu & Bi-Po	Bi-Po & m-dt	7	1303	38329	5719	157,6	1	6	533	3,06	3	5	46	168	43,4	132	599	15	0,79	0,009
116/590		447,80	448,15	0,35	q-Fld,Mu & Bi-Po	Bi-Po & m-dt	1	612	3594	448	8,0	3	3	270	2,10	3	5	41	78	2,0	14	21	9	0,28	0,007
115/590		448,15	448,50	0,35	q-Fld,Mu & Bi-Po	Bi-Po & m-dt	8	1787	8974	5581	15,8	1	15	361	5,31	3	5	34	124	20,7	34	55	9	0,45	0,016
114/590		448,50	448,75	0,25	Bi-Po	Bi-Po	7	1297	4723	15414	7,1	5	5	1357	9,15	3	5	34	139	49,6	18	29	26	0,23	0,016
113/590		448,75	448,95	0,20	q-Fld,Mu	m-dt	8	2173	18160	21362	24,7	5	7	459	5,84	16	5	35	103	81,3	72	68	11	0,49	0,013
112/590		448,95	449,10	0,15	m-Po-p	m-Po-p	23	5125	35676	92054	41,8	10	37	1032	21,66	24	5	19	37	397,1	142	45	16	0,23	0,011
111/590		449,10	449,45	0,35	sMu-Bi	m-dt	1	82	146	86	0,5	3	1	60	1,28	3	5	48	89	0,2	9	3	3	0,33	0,005
110/590		449,45	450,00	0,55	sMu-Bi-Ky-Tou	mis	1	4	69	72	0,6	3	1	71	1,68	3	5	56	110	0,2	3	3	2	0,46	0,005

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
109/590		450,00	451,00	1,00	sMu-Bi	mis	1	1	56	66	0,3	1	1	33	1,31	3	5	46	102	0,2	7	5	4	0,48	0,012
108/590		451,00	451,20	0,20	q-Fld,Mu		1	1	58	265	0,3	1	3	27	0,51	8	27	44	50	1,9	3	3	17	0,46	0,012
107/590		451,20	452,00	0,80	q-Fld	wrpPy	1	6	32	19	0,3	1	1	19	0,69	19	5	22	31	0,2	8	3	3	0,26	0,010
106/590		452,00	452,70	0,70	q-Fld	mis, wrpPy	1	3	38	34	0,3	3	2	14	0,89	14	5	27	53	0,2	9	3	2	0,25	0,009
105/590		452,70	453,35	0,65	q-Fld	wrpPy	2	6	70	29	0,5	1	2	30	1,13	22	13	31	69	0,2	10	3	3	0,37	0,011
104/590		453,35	453,55	0,20	sMu		1	1	68	85	0,3	3	1	46	1,20	16	10	48	57	0,2	19	3	4	0,29	0,016
103/590		453,55	454,55	1,00	q-Fld,Mu	Bi-Po	1	6	86	222	0,3	4	1	17	1,10	20	10	33	66	0,7	9	3	4	0,34	0,012
102/590		454,55	455,25	0,70	sMu	mis	1	68	991	1195	1,7	4	1	58	1,42	34	5	43	62	2,9	57	3	5	0,35	0,010
101/590		455,25	455,50	0,25	sMu	m-dt	11	131	4265	35870	2,9	2	5	254	8,23	39	5	31	30	94,0	71	5	16	0,23	0,015
100/590		455,50	455,75	0,25	sMu		2	18	103	456	0,3	1	1	176	1,56	3	11	54	77	1,0	6	3	4	0,55	0,010
99/590		455,75	456,12	0,37	q-Fld,Mu	m-dt, wrpPo?	66	50	510	1333	5,3	5	1	69	3,56	74	16	44	191	1,4	42	5	9	1,06	0,008
98/590		456,12	456,70	0,58	sMu	m-dt	11	55	1268	2606	3,5	2	1	202	2,16	163	5	48	106	6,8	58	3	5	0,83	0,012
97/590		456,70	457,40	0,70	sMu	m-dt	2	99	507	1167	1,2	1	1	137	1,99	33	5	42	61	3,6	16	3	6	0,31	0,012
96/590		457,40	457,80	0,40	Py-p	Py-p	11	539	1838	45731	1,7	7	8	504	11,16	26	5	26	44	133,6	28	3	49	0,20	0,008
95/590		457,80	458,00	0,40	Py-p	Py-p	19	763	6207	50262	6,0	6	31	727	20,96	81	5	23	64	173,1	83	9	11	0,54	0,011
94/590		458,20	458,60	0,40	Py-p	Py-p	18	1892	12288	45125	8,4	7	31	495	21,30	34	5	30	30	150,1	56	12	18	0,15	0,012
93/590		458,60	459,00	0,40	Py-r	Py-r	20	604	21589	67624	14,6	8	41	587	21,71	40	5	24	35	205,6	80	13	15	0,20	0,011
92/590		459,00	459,40	0,40	Py-p	Py-p	15	653	7145	50840	4,9	7	19	445	13,74	28	5	33	61	132,5	25	16	13	0,32	0,011
91/590		459,40	460,00	0,60	sMu	m-dt	2	91	677	1052	0,7	1	1	137	1,98	8	5	60	108	3,0	8	3	8	0,44	0,007
90/590		460,00	460,40	0,40	sMu	Py-p, Po-p	2	289	192	362	0,3	1	1	118	1,60	12	5	37	74	1,0	12	3	6	0,25	0,009
89/590		460,40	460,80	0,40	sMu & sBi-Fld	Py-p/d	6	168	331	2981	0,7	1	5	125	3,55	22	5	37	60	8,6	7	3	6	0,16	0,010
88/590		460,80	461,20	0,40	sMu & sBi-Fld	Bi-Po-Sph-p/d	6	420	2235	8565	5,3	4	6	306	5,09	31	5	37	103	25,3	38	9	16	0,45	0,014
87/590		461,20	461,70	0,50	sMu	m-dt	1	300	2679	1045	13,5	1	1	108	1,46	30	5	46	106	4,1	157	5	3	0,33	0,005
86/590		461,70	462,20	0,50	sMu		4	64	920	492	2,7	1	1	79	1,45	15	5	44	100	1,7	23	5	7	0,32	0,007
85/590		462,20	462,70	0,50	sMu		1	9	78	103	0,3	1	1	66	1,50	7	5	50	135	0,2	5	3	3	0,35	0,007
84/590		462,70	463,25	0,55	sMu		1	5	57	89	0,3	1	1	90	1,39	3	5	49	121	0,2	7	3	6	0,46	0,009
83/590		463,25	463,50	0,25	q-Fld		1	5	73	22	0,3	1	1	55	0,85	12	5	31	171	0,2	3	3	16	1,19	0,046
82/590		463,50	464,05	0,55	sMu		2	12	101	106	0,5	2	1	147	1,90	14	5	32	141	0,2	6	3	19	1,17	0,027
81/590		464,05	464,40	0,35	q-Fld,Mu		1	7	34	23	0,6	1	1	77	1,15	9	5	32	125	0,2	3	3	22	0,87	0,053
80/590		464,40	464,75	0,35	gMc Fld-Mu	a	2	7	53	40	0,7	4	9	80	1,47	13	5	41	158	0,5	8	3	28	0,55	0,059
79/590		464,75	464,90	0,15	gMc Fld-Mu	mis, a	1	5	63	116	0,3	8	10	81	1,49	22	32	39	158	0,8	8	3	25	0,51	0,052
78/590		464,90	465,30	0,40	q-Fld	wrpPy	1	12	55	31	0,7	3	9	52	6,44	26	33	35	106	0,2	3	7	18	0,44	0,026
77/590		465,30	465,75	0,45	sMu-Bi	wrpPy-Po	1	8	31	111	0,7	3	3	79	1,97	11	5	42	60	0,2	3	3	24	0,40	0,053
76/590		465,75	466,75	1,00	sMu-Bi		1	5	49	109	0,3	1	2	100	2,51	15	10	39	76	0,5	3	3	19	0,51	0,049

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
75/590		466,75	467,75	1,00	sMu-Bi		1	7	43	91	0,3	1	2	109	2,66	3	5	39	79	0,2	3	8	19	0,43	0,044
74/590		467,75	468,90	1,15	gMc		1	6	40	43	0,6	1	3	106	2,25	3	5	36	217	0,2	3	3	33	0,92	0,063
73/590		468,90	469,60	0,70	sMu-Bi		1	9	36	46	0,7	1	3	135	3,19	13	5	40	221	0,2	6	3	30	0,98	0,059
72/590		469,60	470,00	0,40	gMc Fld-Mu	a	8	62	53	15	0,6	1	5	60	1,47	7	18	36	160	0,4	3	3	37	0,62	0,043
71/590		470,00	471,00	1,00	gMc Fld-Mu	a	1	3	27	13	0,3	1	1	69	0,90	18	5	33	187	0,5	8	3	28	0,88	0,048
70/590		471,00	472,00	1,00	gMc Fld-Mu	a	1	3	29	11	0,5	1	1	75	1,14	11	5	35	208	0,2	3	3	23	0,64	0,044
69/590		472,00	473,00	1,00	gMc Fld & gMc Mu	a	1	10	29	12	0,3	1	1	59	0,92	15	5	32	142	0,2	7	3	28	0,56	0,048
68/590		473,00	474,00	1,00	gMc Mu	mis, a, c	1	12	44	60	0,3	2	4	107	2,18	7	17	40	182	0,2	3	3	27	0,88	0,055
67/590		474,00	475,00	1,00	gMc Mu	a	1	8	35	67	0,5	1	2	189	3,08	13	14	38	261	0,4	6	3	26	1,50	0,068
66/590		475,00	476,00	1,00	gMc Mu	mis, a	1	6	28	74	0,5	1	2	179	2,80	6	20	38	249	0,2	3	6	24	1,27	0,066
65/590		476,00	477,00	1,00	gMc Mu	a	1	5	17	72	0,5	1	2	115	3,00	10	17	43	118	0,2	3	3	28	0,73	0,072
64/590		477,00	478,00	1,00	gMc Mu	a	1	9	20	60	0,6	3	1	131	3,44	10	10	35	127	0,2	3	5	26	0,94	0,064
63/590		478,00	479,00	1,00	gMc Mu	a	1	6	21	59	0,5	2	2	119	3,05	10	5	34	161	0,2	6	3	34	0,76	0,069
62/590		479,00	480,00	1,00	gMc Mu	a	2	1	26	61	0,3	3	2	114	2,84	8	5	32	136	0,4	5	5	31	0,64	0,065
61/590		480,00	481,00	1,00	gMc Mu	a	1	5	29	62	0,3	2	2	172	2,77	14	14	36	225	0,7	9	3	29	1,51	0,067
60/590		481,00	482,00	1,00	gMc Mu	a	2	2	36	57	0,3	3	3	181	2,76	21	10	38	220	0,5	12	5	26	1,45	0,063
59/590		482,00	483,00	1,00	gMc Mu	a	1	2	37	55	0,5	2	5	154	2,45	18	19	39	199	0,2	3	3	22	1,23	0,057
58/590		483,00	484,00	1,00	gMc Mu	a	1	2	49	56	0,5	2	2	147	2,70	5	15	40	197	0,2	3	3	26	1,09	0,066
57/590		484,00	485,00	1,00	gMc Mu	a	1	2	35	51	0,3	1	1	118	2,86	3	5	37	154	0,6	3	3	28	0,77	0,065
56/590		485,00	486,00	1,00	gMc Mu	a, c	1	1	40	23	0,3	1	1	71	1,42	3	5	35	192	0,5	3	3	19	0,60	0,044
55/590		486,00	487,00	1,00	gMc Mu	a	1	3	15	12	0,3	1	1	54	0,93	3	5	19	83	0,2	3	3	11	0,28	0,022
54/590		487,00	488,00	1,00	gMc Mu	a	1	18	53	38	0,8	2	3	76	1,41	3	21	43	207	0,5	3	8	40	0,65	0,052
53/590		488,00	489,00	1,00	gMc Mu	a	1	16	51	38	0,3	3	2	104	1,90	3	5	41	166	0,4	3	3	25	0,49	0,055
52/590		489,00	490,00	1,00	gMc Mu	a	2	8	44	71	0,3	2	2	81	2,08	3	5	44	112	0,2	3	5	14	0,57	0,035
51/590		490,00	491,00	1,00	gMc Mu	a	1	4	44	41	0,3	2	1	79	1,45	3	5	52	45	0,2	3	3	1	0,26	0,005
50/590		491,00	492,00	1,00	gMc Mu	a	1	1	43	56	0,3	1	1	40	1,03	3	5	48	56	0,2	3	3	1	0,34	0,005
49/590		492,00	493,00	1,00	gMc Mu	a	1	3	48	62	0,3	3	1	66	1,49	3	5	50	63	0,2	3	5	3	0,40	0,008
48/590		493,00	494,00	1,00	gMc Mu	a	1	7	45	93	0,6	2	1	68	1,98	10	25	52	81	0,4	8	3	22	0,67	0,064
47/590		494,00	494,65	0,65	gMc Mu	mis, a	2	5	56	51	0,6	5	6	192	2,36	3	5	35	157	0,4	3	3	25	1,26	0,066
46/590		494,65	495,35	0,70	sMu-Bi		1	6	49	60	0,6	4	4	126	1,77	3	28	41	162	0,2	3	5	22	1,08	0,065
45/590		495,35	495,75	0,40	vb	vb	1	5	5	1	0,3	4	1	59	0,75	3	5	3	13	0,2	3	3	1	0,12	0,010
44/590		495,75	496,40	0,65	sMu-Bi		1	16	59	55	0,6	1	1	79	1,74	3	5	33	178	0,6	3	3	23	1,16	0,048
43/590		496,40	496,80	0,40	vb	vb	1	3	8	2	0,3	1	1	32	0,47	3	5	3	30	0,2	3	3	1	0,23	0,002
42/590		496,80	497,95	1,15	sMu-Bi		1	2	44	55	0,3	1	1	38	1,28	7	5	42	144	0,2	5	3	13	0,72	0,029

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
41/590		497,95	499,00	1,05	q-Fld,Mu	mis, wrpPo	1	6	49	17	0,3	4	2	67	1,02	3	5	36	114	0,2	3	3	14	0,73	0,060
40/590		499,00	500,00	1,00	q-Fld,Mu	wrpPo	2	5	51	16	0,3	2	2	39	0,93	8	5	31	108	0,4	5	7	9	0,63	0,031
39/590		500,00	501,00	1,00	q-Fld,Mu & sMu-Bi+Grph?	wrpPo	2	8	65	29	0,3	4	2	77	1,44	7	11	36	178	0,2	3	5	9	1,37	0,018
38/590		501,00	502,20	1,20	q-Fld,Mu & Grph	wrpPo	4	12	57	97	0,3	3	4	42	1,82	3	21	38	118	0,6	3	3	13	0,70	0,018
37/590		502,20	503,00	0,80	sMu-Bi		1	10	48	75	0,3	2	1	66	1,47	3	5	57	67	0,2	3	3	4	0,34	0,008
36/590		503,00	503,45	0,45	sMu-Bi	mis	1	7	37	128	0,6	2	2	75	1,76	5	15	47	94	0,2	3	3	21	0,59	0,044
35/590		503,45	504,20	0,75	q-Q,Fld,Mu		1	5	54	27	0,3	6	1	83	1,19	3	5	36	114	0,4	3	3	9	0,58	0,013
34/590		504,20	504,45	0,25	sMu-Fld		2	14	45	86	0,8	6	3	55	1,60	3	5	37	97	0,4	3	3	30	0,65	0,062
33/590		504,45	504,70	0,25	vb	vb	1	3	3	1	0,3	4	1	61	0,74	3	5	1	7	0,2	3	3	1	0,05	0,003
32/590		504,70	506,00	1,30	sMu-Fld		1	7	57	72	0,3	3	2	66	1,57	3	5	37	98	0,4	3	7	22	0,65	0,055
31/590		506,00	506,90	0,90	sMu-Fld		1	2	44	65	0,3	1	1	39	1,06	3	5	50	65	0,2	7	3	3	0,33	0,012
30/590		506,90	508,00	1,10			1	7	49	53	0,3	3	1	69	1,56	3	5	39	134	0,2	3	3	15	0,66	0,032
29/590		508,00	509,00	1,00	sBi-Mu-Ky		1	6	45	45	0,3	1	1	54	1,50	3	5	43	132	0,2	3	3	7	0,65	0,013
28/590		509,00	510,00	1,00	sBi-Mu-Ky		1	1	43	39	0,3	1	1	47	1,26	3	5	35	143	0,2	3	3	3	0,79	0,009
27/590		510,00	511,00	1,00	sBi-Mu	m-vt, c	1	3	49	41	0,3	2	1	72	1,37	3	5	42	138	0,2	3	3	4	0,72	0,013
26/590		511,00	512,00	1,00	sBi-Mu		1	1	49	42	0,3	1	1	49	1,52	3	5	44	179	0,2	3	3	7	0,79	0,019
25/590		512,00	513,00	1,00	sBi-Mu		2	4	51	52	0,3	4	1	157	2,09	3	5	46	138	0,4	3	3	14	0,79	0,030
24/590		513,00	514,10	1,10	sBi-Mu		1	5	36	50	0,3	1	1	89	1,31	3	5	39	168	0,2	3	3	13	0,72	0,031
23/590		514,10	515,30	1,20	sGa-Mi	utPo-Py	31	169	37	187	0,8	77	11	1083	4,40	3	5	11	166	2,0	3	7	534	2,69	0,786
22/590		515,30	515,65	0,35	vb	vb	6	68	12	51	0,3	19	4	525	1,44	3	5	2	33	0,5	3	3	96	0,96	0,342
21/590		515,65	516,00	0,35	sGa-Mi	utPo	5	147	32	218	0,8	58	24	2865	5,77	3	5	10	94	2,0	3	9	239	0,75	0,161
20/590		516,00	517,00	1,00	sGa-Mi	utChl-Po	1	43	25	80	0,3	32	23	3047	4,78	3	5	8	63	0,5	3	10	76	0,29	0,041
19/590		517,00	517,50	0,50	sGa-Mi		1	64	40	102	0,5	41	24	1838	6,01	3	5	10	104	0,2	3	9	93	0,27	0,036
18/590		517,50	518,00	0,50	sGa-Mi	utPo	3	133	42	237	0,7	52	25	1535	6,28	3	5	12	101	0,7	3	10	225	0,40	0,081
17/590		518,00	519,00	1,00	sGa-Mi	utChl	2	72	37	92	0,3	34	20	1752	5,06	3	5	8	87	0,7	3	8	72	0,29	0,036
16/590		519,00	520,00	1,00	sGa-Mi	utChl	1	23	29	82	0,3	36	27	4629	5,66	3	5	9	82	0,5	3	8	82	0,37	0,049
15/590		520,00	521,00	1,00	sGa-Mi	utChl	8	71	28	85	0,3	31	20	1778	5,25	3	5	14	137	0,2	3	8	69	0,47	0,042
14/590		521,00	522,00	1,00	sGa-Mi		1	90	18	86	0,5	36	31	5100	5,40	3	5	10	98	0,4	3	11	85	0,27	0,047
13/590		522,00	523,00	1,00	sGa-Mi		1	24	15	82	0,3	36	27	4268	4,96	7	5	9	90	0,4	6	9	76	0,22	0,046
12/590		523,00	524,00	1,00	sGa-Mi		1	2	18	76	0,3	32	27	4539	4,62	3	13	10	115	0,4	3	7	74	0,24	0,044
11/590		524,00	525,00	1,00	sGa-Mi		1	4	27	90	0,3	42	32	4853	6,04	3	5	8	117	0,4	3	7	88	0,23	0,048
10/590		525,00	526,00	1,00	sGa-Mi		1	14	21	92	0,3	34	28	4029	5,17	3	5	10	109	0,2	3	11	79	0,19	0,043
9/590		526,00	527,00	1,00	sGa-Mi		5	21	21	88	0,3	36	25	4668	5,66	3	5	9	113	0,2	3	12	80	0,20	0,046
8/590		527,00	528,30	1,30	sGa-Mi		1	59	26	96	0,5	36	24	3711	5,66	3	5	10	105	0,4	3	11	92	0,22	0,051

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
7/590		528,30	529,00	0,70	sGa-Mi		125	72	83	105	0,3	38	23	4428	6,64	3	5	11	129	0,5	3	15	106	0,40	0,064
6/590		529,00	530,00	1,00	sGa-Mi		1	41	54	116	0,3	44	25	5741	7,39	3	15	13	108	0,6	3	9	116	0,41	0,064
5/590		530,00	530,10	0,10	vb	mis	1	369	38	154	1,1	31	19	1594	10,53	3	11	10	138	1,0	6	14	144	0,37	0,107
4/590		530,10	531,00	0,90	sGa-Mi		1	132	32	117	0,3	36	20	3610	7,26	3	5	11	133	0,2	3	12	105	0,25	0,055
3/590		531,00	532,00	1,00	sGa-Mi		2	76	20	102	0,3	39	26	4668	6,01	3	12	12	94	0,2	3	6	105	0,26	0,069
2/590		532,00	533,00	1,00	sGa-Mi		1	53	22	97	0,3	42	25	5297	5,81	3	11	10	107	0,2	3	9	98	0,26	0,054
1/590		533,00	534,00	1,00	sGa-Mi	mis	1	48	27	104	0,5	41	22	4652	6,21	5	15	11	118	0,2	3	12	105	0,34	0,071
1/490	4(90)	365,00	366,00	1,00	sGa-Mi & Grph	wrpPo	1	75	27	73	0,3	35	13	580	3,82	6	5	6	68	0,2	3	3	69	0,30	0,037
2/490		366,00	366,65	0,65	sGraph-Fld, sGa-Mi	wrpPo	6	111	33	115	0,5	52	19	1372	4,42	7	5	7	61	0,2	3	3	165	0,32	0,104
3/490		366,65	367,50	0,85	sGa-Mi		7	21	25	90	0,3	38	25	4147	5,52	3	5	9	90	0,2	3	3	99	0,28	0,056
4/490		367,50	368,40	0,90	sGa-Mi		1	33	27	92	0,5	53	31	4753	5,58	3	13	11	88	0,4	3	3	85	0,25	0,049
5/490		368,40	369,30	0,90	sGa-Mi		1	76	31	66	0,3	38	19	1885	4,81	3	5	8	70	0,4	3	5	77	0,30	0,039
6/490		369,30	370,12	0,82	sGa-Mi	utPo	2	98	24	61	0,3	30	13	723	3,78	7	5	6	42	0,2	3	6	51	0,16	0,027
7/490		370,12	371,00	0,88	sMu-Bi-Ky & Grph	wrpPo	2	20	49	78	0,3	17	2	265	1,99	19	5	46	123	0,2	3	3	28	0,58	0,040
8/490		371,00	372,00	1,00	sMu-Bi-Ky & Grph	mis, wrpPo	7	53	79	207	0,3	23	2	202	2,20	185	22	42	136	0,9	3	3	116	0,99	0,133
9/490		372,00	373,00	1,00	sMu-Bi-Ky & Grph, Ga	mis	2	400	362	563	1,1	6	3	299	3,19	65	5	31	164	1,1	7	6	26	0,51	0,028
10/490		373,00	373,50	0,50	Bi-Po	m-Bi-Po-d	5	2001	2189	3458	12,3	7	9	1600	6,48	145	11	36	206	11,6	27	50	62	1,40	0,053
11/490		373,50	374,00	0,50	sMu	m-Po-d (Ars!)	3	273	384	530	1,3	5	3	269	2,03	226	5	40	108	1,8	6	5	51	0,42	0,019
12/490		374,00	374,25	0,25	sMu-Bi	Po-d	4	840	650	1193	2,6	5	8	576	6,80	121	5	31	121	3,6	11	7	12	0,41	0,017
13/490		374,25	375,00	0,75	sBi-Mu	mis	1	25	84	102	0,3	1	1	85	1,57	345	5	42	132	0,2	3	3	5	0,56	0,009
14/490		375,00	376,00	1,00	sBi-Mu		1	25	57	73	0,3	3	1	59	1,71	3	10	42	86	0,2	3	3	6	0,29	0,007
15/490		376,00	377,00	1,00	sBi-Mu		1	6	39	47	0,3	1	1	28	1,44	3	5	40	71	0,2	3	3	7	0,37	0,008
16/490		377,00	378,00	1,00	sBi-Mu	mis, a	1	8	42	59	0,3	2	1	49	1,76	3	10	39	62	0,2	3	3	6	0,31	0,008
17/490		378,00	379,00	1,00	sBi-Mu	mis, a	1	16	61	91	0,3	2	1	33	2,04	3	5	46	76	0,4	3	3	3	0,33	0,006
18/490		379,00	380,00	1,00	sBi-Mu		2	28	152	325	0,5	2	1	66	2,03	3	5	36	79	0,9	3	5	9	0,25	0,015
19/490		380,00	381,00	1,00	sBi-Mu	mis	2	12	101	219	0,5	1	1	37	1,41	3	14	39	83	0,8	3	3	8	0,28	0,018
20/490		381,00	382,00	1,00	sBi-Mu & sMu		2	25	131	235	0,3	1	1	52	1,81	3	5	38	97	0,8	5	5	8	0,34	0,011
21/490		382,00	382,70	0,70	sBi-Mu & sMu		1	6	83	72	0,3	1	1	30	1,50	3	5	48	66	0,2	3	3	3	0,35	0,007
22/490		382,70	383,20	0,50	sMu-Bi & sMu	m-dt, mis	2	87	154	750	0,3	1	1	181	1,65	5	5	39	86	3,2	5	3	8	0,36	0,012
23/490		383,20	383,60	0,40	sBi-Mu	Bi-Py-p	1	1566	564	2212	2,0	5	38	800	9,71	3	5	25	74	4,3	10	3	5	0,36	0,020
24/490		383,60	384,00	0,40	Bi-Po-Chl & sMu	Bi-Po-p	1	472	13836	3432	25,5	2	1	336	5,22	3	5	31	31	12,6	43	31	10	0,19	0,005
25/490		384,00	384,40	0,40	m-Po-p	Po-p	7	8153	23089	31996	45,7	8	1	538	19,48	8	5	27	72	108,6	85	48	13	0,40	0,013
26/490		384,40	384,95	0,55	sMu		1	103	632	283	1,0	2	1	106	1,41	3	10	46	72	0,7	3	3	3	0,35	0,007
27/490		384,95	385,30	0,35	Po-p	Po-p	7	8190	39092	53039	72,5	5	11	544	13,47	13	5	19	34	148,4	106	53	8	0,21	0,010

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
28/490		385,30	385,60	0,30	Po-p	Po-p	1	8652	10401	14928	22,6	7	8	548	18,45	3	11	34	79	42,0	40	14	25	0,64	0,011
29/490		385,60	386,20	0,60	m-vt	m-vt	1	1134	8018	4037	14,5	2	2	111	4,61	3	5	6	18	10,8	27	12	4	0,87	0,001
30/490		386,55	386,90	0,35	m-Po-p	m-Po-p	3	1740	14643	15768	30,1	5	1	259	5,73	5	5	40	13	39,4	66	17	18	0,04	0,004
31/490		386,90	387,20	0,30	m-Po-p	m-Po-p	3	2264	12536	15085	24,4	2	3	180	5,11	12	5	46	13	32,7	64	9	15	0,05	0,007
32/490		387,20	387,70	0,50	q-Q,Mu	utPy-Po	1	56	294	304	1,3	1	1	45	1,88	3	13	54	29	0,5	3	3	8	0,07	0,004
33/490		387,70	388,25	0,55	Mu sch		1	65	584	582	1,5	1	1	64	1,71	3	11	46	24	1,1	3	3	5	0,06	0,006
34/490		388,25	388,50	0,25	q-Fld,Mu	utPy	2	13	78	221	0,3	2	2	13	0,87	6	5	30	29	0,6	3	3	5	0,19	0,006
35/490		388,50	389,00	0,50	sMu-Fld & gMc		1	17	83	95	0,5	3	3	137	2,36	6	5	41	136	0,2	3	3	21	0,41	0,041
36/490		389,00	390,00	1,00	gMc	mis	1	5	38	50	0,3	1	2	123	1,56	6	5	32	121	0,2	3	3	17	0,54	0,051
37/490		390,00	391,00	1,00	gMc Mu	mis, a, c	1	16	63	54	0,3	1	6	178	2,08	272	5	26	145	0,2	6	3	17	0,68	0,051
38/490		391,00	392,00	1,00	sBi-Mu-Fld	mis	18	45	76	109	0,6	3	9	159	2,26	3	11	39	188	0,5	3	3	20	0,87	0,061
39/490		392,00	393,00	1,00	sBi-Mu-Fld	a	1	7	42	78	0,3	1	5	223	2,70	3	5	40	155	0,2	3	5	23	0,99	0,071
40/490		393,00	394,00	1,00	sBi-Mu-Fld	a, c	1	8	39	94	0,3	2	2	161	3,16	3	5	39	190	0,2	3	5	27	0,81	0,067
41/490		394,00	395,00	1,00	sBi-Mu-Fld	a, c	1	12	38	96	0,3	3	1	205	3,73	15	5	32	204	0,2	3	3	28	0,90	0,080
42/490		395,00	396,00	1,00	sBi-Mu-Fld	m-vt, a, c	1	9	52	125	0,6	2	1	217	4,44	12	5	34	226	0,2	3	3	32	0,95	0,084
43/490		396,00	397,00	1,00	sBi-Mu-Fld	mis, a	1	24	67	139	0,3	4	1	207	4,13	3	5	35	201	0,2	3	7	27	0,84	0,068
44/490		397,00	398,00	1,00	sBi-Mu-Fld		1	11	42	97	0,3	2	1	188	3,87	6	5	31	200	0,5	3	6	30	1,11	0,074
45/490		398,00	399,00	1,00	sBi-Mu-Fld		2	7	35	108	0,3	5	1	185	4,44	3	5	35	183	0,2	3	8	28	0,80	0,073
46/490		399,00	400,00	1,00	sBi-Mu-Fld & gMc		4	2	33	84	0,5	2	1	187	3,75	14	5	30	174	0,2	3	8	29	0,86	0,066
1/3993	39/93	0,00	1,00	1,00	gMc		1	8	56	60	0,3	3	1	117	1,40	6	5	35	117	0,4	3	3	15	0,51	0,050
2/3993		1,00	2,00	1,00	gMc		1	15	83	75	0,5	4	1	127	1,71	3	5	35	115	0,2	3	3	17	0,47	0,052
3/3993		2,00	3,00	1,00	gMc	utPo	1	44	189	69	1,7	4	1	110	1,54	5	5	33	123	0,2	10	3	17	0,48	0,048
4/3993		3,00	4,00	1,00	gMc	utPy	1	13	40	74	0,7	5	1	126	1,81	3	5	32	125	0,2	3	3	24	0,65	0,053
5/3993		4,00	5,00	1,00	gMc		3	10	40	63	0,6	5	1	97	1,27	6	5	30	101	0,2	3	3	28	0,39	0,048
6/3993		5,00	6,00	1,00	gMc	mis, a	3	23	65	43	0,6	5	4	84	1,28	15	27	36	92	0,2	5	3	29	0,38	0,049
7/3993		6,00	7,00	1,00	gMc, sBi-Mu, sMu	mis, a, c	1	65	90	62	0,5	2	2	123	1,69	6	30	39	91	0,2	3	7	36	0,58	0,059
8/3993		7,00	8,00	1,00	gMc Mu rich, sBi-Mu	a	1	51	50	61	0,9	2	1	90	1,69	9	5	42	86	0,4	5	3	28	0,43	0,035
9/3993		8,00	9,00	1,00	sMu-Bi	Bi-Po-d	1	21	160	115	0,5	3	1	165	1,45	56	5	48	104	0,4	5	3	4	0,38	0,007
10/3993		9,00	10,00	1,00	sMu-Bi	Bi-Po-d, mis	2	27	162	148	0,6	4	1	138	1,45	18	5	46	94	0,4	3	7	4	0,32	0,007
11/3993		10,00	11,00	1,00	sMu-Bi		1	11	90	83	0,3	1	1	134	1,19	3	5	48	90	0,2	9	3	3	0,18	0,007
12/3993		11,00	12,00	1,00	sMu-Bi	m-vt (mis)	3	165	470	1488	1,6	1	2	194	2,39	13	5	46	107	5,4	14	3	5	0,24	0,010
13/3993		12,00	12,70	0,70	sMu-Bi	m-vt, mis	4	286	732	1097	2,2	3	2	302	2,60	109	5	43	126	4,1	10	7	5	0,44	0,006
14/3993		12,70	13,25	0,55	m-vt	m-vt	3	423	690	436	2,6	1	3	278	2,31	9	5	16	97	1,2	14	8	3	0,65	0,005
15/3993		13,25	13,80	0,55	sMu, Po-p	Po-p	12	593	1684	4732	12,1	6	20	390	7,22	37	5	37	124	16,3	22	25	40	0,43	0,022

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
16/3993		13,80	14,60	0,80	sMu, q-Fld,Mu	Bi-Po-d	2	36	427	661	1,6	3	1	70	1,34	12	5	46	72	2,0	8	3	3	0,28	0,005
17/3993		14,60	14,90	0,30	sBi-Mu	Bi-Po-d	1	10	82	104	0,9	2	1	259	2,69	161	5	32	198	0,2	5	3	8	0,89	0,032
18/3993		14,90	15,55	0,65	sGa-Mi		1	14	64	106	0,7	4	1	326	2,82	19	5	32	206	0,2	3	3	2	0,93	0,027
19/3993		15,55	16,90	1,35	sBi-Mu	mis	1	10	66	84	0,3	4	1	123	2,07	46	5	54	182	0,2	11	3	11	0,66	0,022
20/3993		16,90	17,90	1,00	sBi-Mu, q-Fld	mis, a	1	34	184	213	1,1	2	1	96	2,03	31	5	32	241	0,7	7	3	5	1,00	0,025
21/3993		17,90	18,70	0,80	sBi-Mu-Ky		1	11	60	88	1,1	2	1	84	2,63	43	5	41	281	0,2	3	3	4	0,86	0,028
22/3993		18,70	19,70	1,00	sMu-Bi		1	3	66	82	0,3	3	1	102	1,78	3	5	63	201	0,2	3	3	9	0,56	0,016
23/3993		19,70	20,70	1,00	sMu-Bi, Grph	mis, wrpPo	3	15	69	96	0,3	8	1	107	1,56	3	5	60	173	0,2	6	3	54	0,82	0,074
24/3993		20,70	21,70	1,00	sMu-Bi	wrpPo	3	9	59	107	0,5	6	1	132	1,40	24	5	64	129	0,4	8	3	38	0,62	0,049
25/3993		21,70	22,70	1,00	sMu-Bi, q-Fld,Mu,Grph	wrpPo	5	171	82	147	0,5	18	3	208	2,56	309	5	44	135	0,7	9	3	157	0,89	0,110
26/3993		22,70	23,70	1,00	sMu-Bi	m-vt	2	13	52	96	0,3	4	1	199	2,26	287	5	41	148	0,2	3	3	24	0,71	0,037
27/3993		23,70	24,70	1,00	sMu-Fld		4	7	49	69	0,8	2	1	253	1,48	3	5	42	71	0,2	3	3	1	0,39	0,001
28/3993		24,70	25,70	1,00	sMu-Fld		3	7	52	65	0,7	1	1	295	1,45	3	5	40	69	0,2	3	3	1	0,46	0,001
29/3993		25,70	26,70	1,00	sMu-Fld		7	7	53	76	0,3	3	1	254	1,58	5	5	43	76	0,2	6	3	1	0,50	0,003
30/3993		26,70	27,55	0,85	sMu-Fld	a	8	7	52	74	0,6	3	1	266	1,72	3	5	44	86	0,2	3	3	1	0,57	0,001
31/3993		27,55	28,30	0,75	sMu-Bi	mis	2	11	68	90	0,5	2	1	231	2,29	168	5	44	131	0,2	11	3	17	0,73	0,041
32/3993		28,30	28,80	0,50	sMu-Bi, q-Fld	m-vt	1	99	2760	122	13,7	2	1	187	2,13	13	5	41	156	1,3	44	3	24	0,90	0,038
33/3993		28,80	29,00	0,20	sMu	m-vt	5	548	42305	19433	274,2	4	2	251	3,44	9	5	21	42	105,5	659	136	32	0,19	0,011
34/3993		29,00	29,70	0,70	sMu	m	3	131	9004	227	27,5	4	1	174	1,79	27	13	49	139	3,2	58	9	34	0,61	0,015
35/3993		29,70	30,50	0,80	sMu	m-vt	1	7	4968	86	11,6	5	1	58	1,16	46	5	65	92	1,0	35	8	3	0,34	0,009
36/3993		30,50	31,50	1,00	sMu		1	9	453	102	1,3	3	1	63	1,16	3	5	60	75	0,2	7	6	27	0,50	0,012
37/3993		31,50	32,20	0,70	sGa-Mi		1	61	89	99	0,6	49	19	1880	6,19	3	5	11	61	0,2	3	3	106	0,57	0,141
38/3993		32,20	33,00	0,80	q-Fld,Mu,Grph	a, wrpPo	3	12	71	41	0,3	9	1	114	1,23	3	5	44	86	0,2	5	3	90	0,40	0,009
39/3993		33,00	33,80	0,80	q-Fld,Mu,Grph	a, wrpPo	1	3	115	24	0,3	2	1	198	1,07	3	5	46	82	0,2	3	3	53	0,35	0,011
40/3993		33,80	34,20	0,40	sGa-Mi		2	18	32	50	0,5	7	1	249	3,56	6	5	44	66	0,2	3	3	119	0,54	0,055
41/3993		34,20	35,00	0,80	q-Fld,Mu & sMu-Bi	a	1	3	59	21	0,3	3	1	97	0,79	7	5	42	87	0,2	7	3	9	0,51	0,006
42/3993		43,50	45,00	1,50	sGa-Mi		1	6	51	100	0,7	1	1	748	2,78	3	5	30	187	0,2	3	3	4	0,50	0,027
1/2491	24/91	15,00	16,10	1,10	sBi-Mu	mis	1	116	59	140	0,7	14	6	321	3,32	6	15	36	144	0,2	3	3	23	0,65	0,054
2/2491		16,10	16,50	0,40	vb	vb	1	6	74	36	0,3	3	1	38	0,37	3	5	3	58	0,2	3	3	2	0,25	0,005
3/2491		16,50	17,30	0,80	sBi-Mu	mis	1	98	61	161	1,0	6	5	246	2,86	12	11	38	133	0,2	10	3	24	0,65	0,056
4/2491		26,00	27,00	1,00	sMu-Bi	mis, utpPy	1	11	71	92	0,3	3	3	215	3,05	9	16	43	239	0,2	3	3	22	1,22	0,065
5/2491		27,00	28,00	1,00	sMu-Bi	utpPy	1	15	102	118	0,7	4	4	163	2,78	13	5	37	202	0,2	9	3	21	1,12	0,060
6/2491		28,00	29,00	1,00	sMu-Bi	mis	1	28	139	501	0,7	6	5	170	3,34	10	5	41	121	1,7	8	3	23	0,62	0,058
7/2491		29,00	30,00	1,00	sMu-Bi	mis	1	57	418	961	1,5	8	4	119	2,43	8	5	43	144	5,1	7	3	18	0,47	0,049

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
8/2491		30,00	31,00	1,00	sMu-Bi	m-dt	1	61	293	882	1,2	5	3	134	2,58	3	5	40	127	4,5	3	3	21	0,68	0,049
9/2491		31,00	32,00	1,00	sMu-Bi	m-dt	1	36	140	171	0,5	3	3	163	2,58	5	5	34	120	0,4	9	3	22	1,01	0,051
10/2491		32,00	33,00	1,00	sMu-Bi	m-dt, Po-d/p	1	125	892	463	2,1	1	2	141	2,29	3	5	36	113	1,1	6	3	22	1,07	0,045
11/2491		33,00	33,70	0,70	sMu-Bi	m-dt	3	233	1720	1061	4,1	2	1	133	2,16	11	5	44	71	3,3	11	3	15	0,47	0,027
12/2491		33,70	33,80	0,10	m-vt	m-vt	10	1214	11306	14877	16,8	7	1	151	5,96	7	5	30	97	40,0	28	19	11	0,25	0,014
13/2491		33,80	34,00	0,20	Py-p	Py-p	14	8545	36290	46243	75,5	12	8	191	13,72	16	5	22	27	133,0	129	97	33	0,21	0,014
14/2491		34,00	34,50	0,50	Py-r	Py-r	30	640	33376	96977	124,4	8	34	167	33,94	22	5	2	2	281,5	145	142	5	0,09	0,001
15/2491		34,50	35,00	0,50	Py-r	Py-r	32	697	33223	99999	97,2	14	28	136	35,83	35	5	1	2	324,1	104	120	2	0,15	0,001
16/2491		35,00	35,50	0,50	Py-r	Py-r	37	1354	33466	99999	83,9	13	38	168	37,51	37	5	1	1	341,5	112	112	4	0,06	0,002
17/2491		35,50	36,00	0,50	Py-r	Py-r	28	1761	32680	99999	76,4	10	34	159	35,76	60	16	4	2	315,1	88	87	7	0,08	0,001
18/2491		36,00	36,65	0,65	Py-r	Py-r	38	695	32492	99807	95,1	9	29	203	35,85	55	14	2	1	306,1	113	122	4	0,09	0,001
19/2491		36,65	37,50	0,85	Py-r	Py-r/p	26	826	34725	74751	69,4	8	29	201	28,68	49	13	8	14	226,1	81	95	22	0,24	0,002
20/2491		37,50	38,00	0,50	Py-r	Py-r/p	24	1365	35034	90381	56,9	8	46	239	31,71	56	5	2	5	275,4	81	78	13	0,07	0,004
21/2491		38,00	38,50	0,50	Py-r	Py-r/p	29	888	35225	92527	85,3	7	49	247	31,63	67	18	3	4	296,4	132	127	10	0,04	0,001
22/2491		38,50	39,00	0,50	Py-r	Py-r/p	29	1064	35764	90589	41,9	11	63	241	29,43	62	5	4	6	284,4	71	49	9	0,05	0,003
23/2491		39,00	39,40	0,40	Py-r	Py-r/p	28	1535	33118	90945	59,2	8	51	224	31,71	72	5	3	4	285,2	94	85	18	0,07	0,001
24/2491		39,40	39,60	0,20	Py-r	Py-r/p	25	1428	36499	87805	41,2	9	65	262	27,55	62	15	12	27	281,6	60	62	24	0,11	0,007
25/2491		39,60	40,00	0,40	Py-p	Py-p	4	721	1096	11134	1,3	2	2	100	4,20	8	5	30	57	34,1	3	3	16	0,25	0,007
26/2491		41,00	41,50	0,50	Py-p	Py-p	9	1446	3892	30689	6,0	9	11	246	10,64	25	25	29	59	97,3	21	12	23	0,46	0,010
27/2491		41,50	42,00	0,50	q-Fld,Bi		1	178	205	230	0,3	3	1	99	1,05	12	5	48	102	0,7	7	3	5	0,56	0,004
28/2491		42,00	43,00	1,00	sMu-Bi		1	84	224	218	0,7	2	1	108	1,28	15	5	48	111	0,4	3	3	5	0,52	0,006
29/2491		43,00	44,00	1,00	q-Fld,Bi & sMu-Bi		2	17	117	125	0,3	4	1	79	1,22	10	27	49	103	0,2	5	3	11	0,48	0,006
30/2491		44,00	45,20	1,20	sMu-Bi		1	6	91	106	0,3	2	1	52	1,11	12	5	50	91	0,4	3	3	5	0,43	0,005
31/2491		45,20	46,00	0,80	sBi-Ky-Fld		1	5	99	124	0,3	2	1	81	1,41	7	5	40	132	0,2	3	3	1	0,47	0,002
32/2491		46,00	47,00	1,00	sBi-Ky-Fld		1	7	80	102	0,7	2	1	80	1,30	9	21	46	134	0,2	3	5	1	0,53	0,004
33/2491		47,00	48,00	1,00	sBi-Ky-Fld		1	5	74	101	0,3	1	1	92	1,34	14	5	41	114	0,2	7	3	1	0,47	0,004
34/2491		48,00	49,00	1,00	sBi-Ky-Fld		1	5	76	95	0,3	1	1	90	1,36	11	13	47	124	0,2	8	3	1	0,51	0,003
35/2491		49,00	50,00	1,00	sBi-Ky-Fld		1	8	65	90	0,3	2	1	83	1,31	9	12	49	125	0,2	6	3	1	0,54	0,003
1/2891	28/91	0,00	0,50	0,50	sMu-Bi		1	6	124	83	0,6	7	1	382	1,53	15	21	44	100	0,2	3	3	5	2,27	0,018
2/2891		0,50	1,00	0,50	sMu-Bi & m-Po	m-Po-d	3	1960	5978	14508	21,1	1	1	281	3,53	26	17	40	102	38,0	34	12	13	1,31	0,019
3/2891		1,00	1,70	0,70	sMu-Bi	a	1	74	169	252	0,6	5	1	160	1,81	13	22	38	125	0,6	7	3	40	0,92	0,035
4/2891		1,70	2,40	0,70	sMu	m-vt, a	1	51	2432	93	7,3	3	1	145	2,14	11	5	22	134	0,5	8	10	19	0,77	0,050
5/2891		2,40	2,85	0,45	q-Fld	mis, a ,c	1	208	88	72	1,3	1	2	88	1,26	10	5	25	101	0,2	7	3	13	0,42	0,072
6/2891		2,85	3,80	0,95	gMc	mis, a	1	6	46	79	0,6	1	1	134	1,80	12	5	27	167	0,2	5	3	14	0,69	0,053

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
7/2891		3,80	4,05	0,25	q-Fld,Mu	mis, a	1	41	248	63	0,9	4	1	176	1,62	11	5	33	113	0,2	3	3	15	0,96	0,044
8/2891		4,05	4,65	0,60	gMc		1	4	51	77	0,3	1	1	179	2,18	15	5	31	144	0,2	5	6	15	0,81	0,048
9/2891		4,65	5,00	0,35	q-Fld,Mu & relicts gMc Mu	m-vt, a	1	63	302	94	1,7	1	1	79	1,83	3	5	31	84	0,2	3	3	15	0,35	0,063
10/2891		5,00	6,00	1,00	q-Fld,Mu & relicts gMc	a, c	1	140	103	36	0,7	1	1	105	1,25	14	5	35	114	0,2	7	3	12	0,37	0,055
11/2891		6,00	7,00	1,00	q-Fld,Mu & relicts gMc	a	1	18	54	47	0,3	2	1	83	1,19	14	5	31	130	0,2	3	3	10	0,24	0,054
12/2891		7,00	7,50	0,50	q-Fld,Mu & relicts gMc	m-vt, a	1	42	48	107	0,3	1	1	97	1,36	19	5	29	111	0,2	12	3	12	0,39	0,064
13/2891		7,50	7,90	0,40	q-Fld,Mu & relicts gMc		1	34	68	56	0,3	2	1	129	1,53	14	5	28	114	0,2	12	5	10	0,56	0,049
14/2891		7,90	8,90	1,00	gMc	a	1	6	58	67	0,5	3	2	154	1,67	15	5	34	180	0,2	5	3	12	0,68	0,060
15/2891		8,90	9,25	0,35	q-Fld,Mu & relicts gMc	m-dt, a	2	80	363	546	1,3	3	1	112	1,42	5	5	33	90	1,9	8	3	18	0,59	0,040
16/2891		9,25	9,35	0,10	q-Fld,Mu & relicts gMc	m-dt, a	1	126	458	184	1,1	3	1	164	1,83	3	5	39	60	0,6	12	3	12	0,50	0,015
17/2891		9,35	9,85	0,50	Po-r	Po-r	27	11472	33661	94306	134,3	29	1	110	37,84	44	5	4	10	223,9	151	63	15	0,03	0,008
18/2891		9,85	10,10	0,25	sMu	m, a	2	2549	23632	6673	52,2	2	1	139	3,08	25	5	27	56	18,1	97	28	11	0,90	0,021
19/2891		10,10	11,00	0,90	sMu after gMc?	a	2	30	159	89	0,3	5	1	130	1,67	6	5	39	68	0,2	3	3	8	0,62	0,017
20/2891		11,00	12,00	1,00	sMu & q-Fld	m, a	2	675	1885	1489	6,3	4	1	45	1,35	3	5	35	65	4,1	13	3	12	0,18	0,017
21/2891		12,00	13,00	1,00	q-Fld,Mu	a	1	22	130	119	0,6	3	1	35	0,24	3	5	17	85	0,6	3	3	2	5,16	0,007
22/2891		13,00	14,00	1,00	q-Fld,Mu	a, c	1	13	83	80	0,3	4	1	59	0,65	3	5	37	84	0,6	3	3	8	0,39	0,012
23/2891		14,00	14,65	0,65	q-Fld,Mu	a	1	7	55	34	0,3	2	1	33	0,59	3	5	42	88	0,4	3	3	11	0,60	0,014
24/2891		14,65	15,80	1,15	gMc Mu	a	2	11	83	56	0,7	1	1	29	1,47	3	5	46	81	0,5	3	3	9	0,30	0,022
25/2891		15,80	16,80	1,00	gMc & s Mu-Fld	m-dt, a	2	69	1080	1317	4,1	4	1	30	1,37	3	5	36	69	3,1	3	3	11	0,27	0,013
26/2891		16,80	17,80	1,00	sMu-Bi & gMc Ky?	a	2	39	182	273	0,9	2	1	53	1,40	3	5	33	108	1,1	6	3	7	0,38	0,018
27/2891		17,80	18,40	0,60	gMc Mu & q-Fld	m, a	1	3265	10049	143	316,6	5	1	93	1,57	12	5	25	174	5,8	659	38	11	0,74	0,048
28/2891		18,40	19,00	0,60	gMc	m, a	1	194	186	108	2,4	2	1	133	2,02	3	5	36	189	0,5	3	3	16	0,73	0,062
29/2891		19,00	20,00	1,00	gMc	m, a, c	1	127	283	116	1,7	4	1	147	2,15	9	5	40	165	0,8	6	7	19	0,79	0,069
30/2891		20,00	20,60	0,60	q-Fld,Mu & relicts gMc	mis, a	1	284	97	74	1,7	4	1	113	2,05	7	5	32	181	0,6	9	3	16	0,77	0,065
31/2891		20,60	21,00	0,40	gMc	mis, a	1	66	65	124	0,3	3	2	154	2,66	5	5	33	179	0,6	3	6	18	0,58	0,053
32/2891		21,00	22,00	1,00	gMc		1	9	39	92	0,3	2	1	126	2,06	6	5	31	149	0,5	5	3	16	0,59	0,057
33/2891		22,00	23,00	1,00	gMc		1	3	29	69	0,3	4	1	145	1,82	3	5	34	147	0,2	3	3	15	0,58	0,061
34/2891		23,00	24,00	1,00	gMc	mis	1	12	32	57	0,3	3	1	156	1,97	3	5	35	150	0,2	3	3	18	0,63	0,064
35/2891		24,00	25,00	1,00	gMc	mis	1	6	32	59	0,3	1	1	152	1,92	9	5	33	175	0,6	3	5	17	0,65	0,064
36/2891		28,80	29,00	0,20	sMu-Bi		1	6	29	94	0,3	3	4	193	3,23	19	14	45	123	0,6	3	3	25	0,85	0,063
37/2891		29,00	29,30	0,30	vb	vb	1	6	24	31	0,3	3	2	72	0,89	3	5	8	72	0,2	3	3	4	0,42	0,014
38/2891		29,30	29,60	0,30	sMu-Bi		1	14	56	130	0,3	6	5	211	2,15	11	5	38	254	1,4	3	3	15	2,08	0,041
39/2891		44,30	44,50	0,20	m-vt + a	m-vt, a	1	1202	2253	118	38,2	4	2	127	1,97	11	5	28	102	1,8	297	14	14	0,53	0,043
40/2891		45,15	45,30	0,15	m-vt + a	m-vt, a	1	3459	12248	177	152,1	3	2	189	2,08	91	5	44	107	7,2	1065	64	26	0,59	0,080

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P
		m	m	m			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
1/989	9(89)	0,00	0,50	0,50	q-Fld,Mu	m, a	2	1883	10355	826	178,9	24	1	75	1,59	119	5	38	134	4,4	1037	49	19	0,30	0,019
2/989		0,50	1,05	0,55	q-Fld,Mu	m-dt, a	1	113	451	234	2,6	7	1	110	1,34	3	5	36	97	0,7	9	5	12	0,41	0,020
3/989		1,05	1,50	0,45	sMu-Fld(q?) & sMu-Bi	m-dt, a	23	645	1798	38128	8,0	7	1	183	2,34	7	5	29	107	124,8	23	9	17	0,38	0,012
4/989		1,50	2,00	0,50	m-Sph-p or m-dt	m-dt	43	3587	8574	99999	43,8	10	1	532	9,20	71	5	5	27	836,8	133	29	26	0,05	0,006
5/989		2,00	2,50	0,50	sMu & q-Fld,Mu	m-dt	69	3429	38146	99999	341,4	8	1	333	9,21	16	5	24	88	394,6	430	242	53	0,05	0,008
6/989		2,50	2,85	0,35	m-Po-r	m-Po-r	47	7672	33989	52914	361,6	48	1	274	39,75	30	5	1	1	191,5	218	254	19	0,01	0,004
7/989		2,85	3,80	0,95	sMu-Fld & sMu-Bi	m	2	536	7013	1230	22,0	5	1	141	2,17	8	5	42	149	5,0	42	21	26	0,57	0,040
8/989		3,80	4,00	0,20	Po-r	Po-r	84	11074	41724	73521	195,4	52	1	341	45,82	32	5	1	1	248,3	112	120	18	0,02	0,005
9/989		4,00	4,30	0,30	sMu	m-dt	1	587	1678	562	17,2	3	1	293	1,95	22	5	31	123	2,1	84	13	29	1,45	0,031
10/989		4,30	5,00	0,70	sMu-Bi		1	34	190	149	1,1	15	3	191	3,35	3	5	38	187	0,2	3	9	28	0,81	0,064
11/989		5,00	6,00	1,00	sMu-Bi	m	1	389	1283	247	12,7	12	2	210	3,27	82	5	41	101	0,6	73	14	34	1,07	0,070
12/989		6,00	7,00	1,00	sMu-Bi	mis	1	93	204	136	1,4	9	2	195	3,29	3	5	33	220	0,5	3	3	34	1,34	0,086
13/989		7,00	7,85	0,85	sMu-Bi & gMc		1	7	80	113	0,3	8	2	187	3,33	9	5	37	204	0,2	3	3	24	1,19	0,067
14/989		7,85	9,15	1,30	gMc		1	18	82	104	0,5	6	2	159	3,13	13	5	38	180	0,2	8	3	22	0,76	0,063
15/989		9,15	9,80	0,65	sMu-Bi	mis, a	1	397	306	132	4,0	6	1	154	3,04	5	5	38	184	0,2	28	6	28	0,87	0,078
16/989		9,80	10,60	0,80	sMu-Bi		1	18	68	101	0,9	8	2	189	2,74	12	5	41	243	0,2	3	3	24	1,29	0,068
17/989		10,60	11,20	0,60	q-Fld,Mu	a	1	4	45	118	0,8	5	2	251	2,25	3	5	41	136	0,2	3	3	22	0,59	0,052
18/989		11,20	12,00	0,80	q-Fld,Mu	a	1	14	42	69	0,3	4	1	166	1,46	3	5	28	128	0,2	3	5	15	0,80	0,079
19/989		12,00	13,00	1,00	q-Fld,Mu	a	1	9	43	89	0,6	4	1	169	1,42	9	5	30	122	0,2	3	5	20	0,82	0,070
20/989		13,00	14,00	1,00	q-Fld,Mu & mis	mis	1	86	85	94	0,6	5	1	149	1,43	22	16	24	218	0,2	6	3	17	0,73	0,048
21/989		14,00	14,65	0,65	q-Fld,Mu	utis	1	43	148	126	0,9	4	1	127	1,75	3	5	29	144	0,2	3	3	20	0,72	0,052
22/989		14,65	15,60	0,95	sMu-Bi		2	19	202	129	1,0	8	4	89	1,58	3	5	34	60	0,2	5	3	39	0,24	0,013
23/989		15,60	15,85	0,25	sMu		2	191	378	575	1,8	2	1	97	2,13	3	5	80	77	1,1	3	8	31	0,29	0,012
24/989		15,85	16,05	0,20	m-vt	m-vt	81	2207	40784	99999	378,8	2	4	218	3,58	6	12	7	37	395,6	397	491	3	0,07	0,008
25/989		16,05	16,70	0,65	sMu-Bi		1	28	322	227	1,3	2	2	187	2,85	3	5	39	212	0,2	3	3	25	1,50	0,072
26/989		29,30	29,70	0,40	vb	vb	1	3	110	103	0,3	3	2	137	2,23	3	5	39	342	0,5	3	3	16	1,06	0,082

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
1/190	1(90)	421,00	425,00	4,00	gMc	c	92	3	0,24	652	0,24	8,19	1,15	9,96	4	153	3	31	21	2	6	**4**	0,000
2/190		425,00	426,00	1,00	gMc		96	4	0,17	557	0,19	8,41	1,39	10,45	2	196	3	29	18	2	5	**2**	0,000
3/190		426,00	427,00	1,00	gMc		94	4	0,24	601	0,20	8,37	1,41	9,41	6	194	3	32	19	2	6	**2**	0,000
4/190		427,00	428,00	1,00	gMc		87	4	0,29	567	0,20	8,18	1,47	8,27	7	148	3	27	21	2	5	**1**	0,000
5/190		428,00	429,00	1,00	sMu-Bi		49	1	1,54	461	0,07	7,02	0,98	4,01	7	104	5	27	27	5	3	**1**	0,000
6/190		429,00	429,70	0,70	sMu-Bi		44	1	1,01	184	0,06	6,65	1,23	3,92	2	112	5	28	25	4	3	**1**	0,000
7/190		429,70	430,20	0,50	q-Flds,Q	wrpPy	42	1	0,15	182	0,05	4,96	3,12	1,93	2	102	3	23	18	3	2	**1**	0,000
8/190		430,20	431,20	1,00	q-Flds,Q	m-vt, wrpPy	43	1	0,06	172	0,03	4,85	2,64	3,03	2	94	2	31	13	2	2	**4**	0,000
9/190		431,20	432,20	1,00	q-Flds,Q	wrpPy	45	1	0,07	204	0,05	4,62	2,21	3,20	2	95	1	27	16	2	2	**1**	0,000
10/190		432,20	433,20	1,00	q-Flds,Q	utSph, wrpPy	43	1	0,09	315	0,05	4,79	2,12	3,41	2	93	2	37	18	3	2	**1**	0,000
11/190		433,20	434,15	0,95	q-Flds,Q	utSph, wrpPy	38	1	0,12	199	0,04	4,68	2,55	2,48	2	97	3	23	15	2	3	**1**	0,000
12/190		434,15	435,00	0,85	q-Fld,Mu	mis	38	1	0,51	142	0,06	5,89	2,55	2,45	2	113	4	20	26	3	2	**1**	0,000
13/190		435,00	436,00	1,00	q-Fld,Mu	mis	38	2	0,39	206	0,04	5,22	2,03	2,21	2	97	5	13	19	3	2	**21**	0,100
14/190		436,00	437,00	1,00	q-Fld,Mu	m-vt	30	1	0,22	105	0,03	4,52	2,39	1,58	4	71	5	19	16	2	2	**42**	0,200
15/190		437,00	438,00	1,00	q-Fld,Mu	mis	49	1	0,36	146	0,06	5,79	1,81	2,63	2	104	7	34	21	3	3	**2**	0,000
16/190		438,00	438,45	0,45	q-Fld,Mu		60	2	0,32	150	0,07	6,58	2,86	2,09	2	121	8	35	21	4	4	**1**	0,000
17/190		438,45	439,00	0,55	sMu-Bi	mis	47	1	1,31	306	0,09	6,83	0,69	3,98	7	131	8	24	26	5	3	**3**	0,200
18/190		439,00	440,00	1,00	sMu-Bi	c, mis	63	1	1,45	202	0,10	7,66	1,20	4,17	2	147	9	24	27	5	4	**6**	0,200
19/190		440,00	441,00	1,00	sMu-Bi		61	1	1,63	97	0,09	7,43	1,50	4,20	8	132	4	11	27	5	3	**1**	0,000
20/190		441,00	442,00	1,00	sMu-Bi	c	50	1	1,50	92	0,06	6,33	1,30	3,79	5	111	4	9	24	4	3	**1**	0,000
21/190		442,00	442,30	0,30	sMu-Bi		53	1	1,82	206	0,09	8,05	0,80	5,40	7	132	5	10	31	6	3	**1**	0,000
22/190		442,30	443,10	0,80	sMu-Bi & q-Flds,Q	mis, wrpPy	47	1	0,59	158	0,05	5,84	2,55	2,85	5	112	3	10	19	3	3	**1**	0,000
23/190		443,10	443,65	0,55	q-Flds,Q	wrpPy	35	1	0,45	183	0,07	5,27	2,71	2,18	2	109	4	11	18	2	3	**2**	0,000
24/190		443,65	444,65	1,00	sMu-Bi & sMu		71	1	1,83	437	0,17	8,20	1,47	5,33	2	171	5	31	26	6	5	**1**	0,000
25/190		444,65	445,35	0,70	q-Flds,Mu		48	1	0,18	92	0,07	5,21	3,80	1,49	2	111	4	19	12	2	2	**1**	0,000
26/190		445,35	446,20	0,85	sMu-Bi-Ky		84	2	1,23	415	0,25	7,47	2,44	4,15	5	265	19	33	24	5	6	**2**	0,100
27/190		446,20	447,05	0,85	sMu-Bi-Ky & q-Flds, Mu	m-vt	108	1	1,23	599	0,28	9,11	1,99	5,89	4	269	56	41	31	5	7	**103**	0,300
28/190		447,05	447,60	0,55	sMu & q-Q,Flds	m	63	2	0,84	408	0,15	7,82	1,00	4,51	7	150	280	20	31	4	6	**493**	1,000
29/190		447,60	448,20	0,60	sMu & q-Q,Flds	m	59	1	0,87	454	0,11	7,29	0,94	4,45	2	113	224	18	23	3	5	**393**	1,500
30/190		448,20	449,10	0,90	q-Mu,Fld		56	1	0,52	201	0,09	6,73	3,65	2,63	2	150	19	19	20	3	4	**10**	0,100
31/190		449,10	450,00	0,90	q-Flds,Q	mis, wrpPy	54	1	0,24	129	0,07	5,26	4,14	1,37	2	133	10	18	16	2	3	**9**	0,100
32/190		450,00	451,00	1,00	q-Flds,Q & sMu	m-dt	41	1	0,29	147	0,04	5,23	3,28	2,27	2	98	5	14	15	2	3	**3**	0,000
33/190		451,00	452,00	1,00	sMu & q-Flds,Mu & sMu-Bi		49	1	0,67	351	0,06	5,67	2,55	2,63	5	132	10	16	21	3	3	**2**	0,000
34/190		452,00	453,00	1,00	sMu-Bi		65	1	1,58	154	0,09	7,64	1,82	4,43	5	156	7	27	28	5	4	**2**	0,000

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
35/190		453,00	453,70	0,70	sMu-Bi		69	4	0,76	267	0,08	6,77	1,54	3,87	2	120	6	30	21	3	4	**3**	0,000
36/190		453,70	454,40	0,70	sMu-Bi-Ky-Gr-Po	wrpPo	83	3	1,48	358	0,14	8,22	1,32	5,11	2	120	8	36	24	4	5	**1**	0,000
37/190		454,40	455,00	0,60	sMu		76	3	1,21	255	0,10	7,79	1,96	3,82	2	150	5	39	23	5	4	**2**	0,000
38/190		455,00	456,00	1,00	sMu	mis	60	1	1,38	182	0,08	7,87	1,95	3,88	2	131	6	28	26	4	4	**1**	0,000
39/190		456,00	457,00	1,00	sMu		78	1	1,70	105	0,10	8,35	1,76	4,25	2	141	6	29	26	5	5	**1**	0,000
40/190		457,00	458,00	1,00	sMu		71	1	1,38	126	0,10	7,95	2,53	3,41	2	150	7	29	25	5	4	**3**	0,000
41/190		458,00	458,60	0,60	sMu	m	40	2	1,18	127	0,06	6,10	1,67	3,70	2	111	11	22	22	5	3	**58**	0,100
42/190		458,60	459,00	0,40	m-Po-p & sMu	m-Po-p	32	15	0,67	130	0,04	5,23	1,87	1,97	2	108	85	21	19	1	3	**118**	3,600
43/190		459,00	459,30	0,30	Po-p & sMu	Po-p	33	26	0,51	160	0,05	4,85	1,00	2,25	2	107	111	16	19	1	3	**28**	5,300
44/190		459,30	459,50	0,20	Po-r	Po-r	20	37	0,50	101	0,03	2,71	0,38	1,41	2	61	78	10	10	1	2	**174**	8,000
45/190		459,50	459,60	0,10	m-Po-Sph & sMu	m-Po-p	42	15	0,59	189	0,07	5,51	0,91	2,75	5	131	127	20	22	1	4	**128**	2,900
46/190		459,60	459,65	0,05	vGal-Fa-Q	m-vt	47	4	0,34	146	0,04	4,74	1,75	1,59	2	96	84	20	12	3	3	**840**	1,300
47/190		459,65	459,90	0,25	q-Fld,Mu	wrpPy	48	1	0,18	167	0,06	4,82	2,88	1,24	2	99	7	24	14	2	3	**5**	0,000
48/190		459,90	460,20	0,30	sMu	mis	62	2	0,84	214	0,07	7,67	1,41	4,46	2	131	8	21	27	3	4	**9**	0,100
49/190		460,20	460,45	0,25	sMu-Bi		81	1	1,12	401	0,22	8,74	2,00	6,10	2	235	6	31	20	4	8	**3**	0,000
50/190		460,45	461,00	0,55	gMc		80	1	0,22	550	0,19	7,40	2,47	6,57	2	230	1	27	16	3	4	**3**	0,000
51/190		461,00	462,00	1,00	gMc		100	2	0,22	546	0,19	7,99	2,13	7,90	2	191	5	33	18	3	6	**1**	0,000
52/190		462,00	463,00	1,00	gMc	m-vt	100	1	0,19	490	0,18	8,02	2,40	7,58	2	173	3	30	18	3	5	**2**	0,000
53/190		463,00	464,00	1,00	gMc	mis	103	1	0,60	632	0,22	8,59	2,43	6,93	2	231	3	29	20	3	6	**2**	0,000
54/190		464,00	465,00	1,00	sBi-Mu		97	2	1,20	599	0,25	8,98	1,97	6,36	4	226	4	29	22	4	8	**2**	0,000
55/190		469,80	470,00	0,20	vGal-Chl-Po-Flds	m-vt	109	3	0,59	544	0,24	8,91	2,06	7,80	2	202	33	46	25	4	6	**59**	0,600
1/290	2(90)	371,30	371,45	0,15	sGraph	wrpPo	25	68	1,04	397	0,23	5,09	0,62	2,68	4	69	5	49	10	2	14	**6**	0,100
2/290		375,00	376,00	1,00	sGa-Mi	mis	25	36	1,23	423	0,27	5,78	0,77	2,44	2	53	2	26	4	1	17	**2**	0,000
3/290		376,00	377,00	1,00	sGa-Mi		31	45	1,44	753	0,45	7,59	1,40	3,40	2	66	1	20	9	1	20	**3**	0,000
4/290		377,00	378,00	1,00	sGa-Mi		26	43	1,39	698	0,44	6,97	0,71	3,83	2	60	1	18	11	1	18	**1**	0,000
5/290		378,00	379,00	1,00	sGa-Mi		25	33	1,17	455	0,31	5,48	0,81	2,50	2	45	1	21	7	1	17	**3**	0,000
6/290		379,00	379,65	0,65	sGa-Mi	mis	30	41	1,53	714	0,21	7,14	1,02	2,52	4	59	2	22	1	1	19	**3**	0,000
7/290		379,65	380,85	1,20	sBi-Fld-Ky-Ga	mis	82	2	1,99	1416	0,18	7,81	2,85	2,06	2	353	29	22	8	4	11	**2**	0,000
8/290		380,85	381,85	1,00	sBi-Fld-Ky-Ga-St	Bi-Po+St	79	3	1,83	1138	0,10	7,00	3,18	1,18	2	349	42	21	2	2	10	**15**	0,200
9/290		381,85	382,95	1,10	sBi-Fld-Ky	Bi-Po-St-d	75	2	2,29	1826	0,20	6,91	2,05	2,20	2	341	15	23	10	5	12	**2**	0,000
10/290		382,95	383,90	0,95	q-Fld,Bi,Mu & sBi-Fld-Mu	utPo	77	2	1,10	1114	0,10	7,96	1,82	2,62	5	142	10	32	19	3	5	**3**	0,000
11/290		383,90	384,70	0,80	q-Fld,Bi,Ky,Mu	mis	73	8	1,40	808	0,05	4,16	1,29	1,08	2	148	15	27	3	3	5	**2**	0,000
12/290		384,70	385,15	0,45	sBi-Chl-Po	Bi-Po-d	47	6	11,58	349	0,15	6,00	0,42	3,97	2	211	106	24	19	1	7	**77**	0,900
13/290		385,15	385,40	0,25	sFld-Mu & sBi	m-Bi-d	59	5	3,25	311	0,09	8,67	3,45	1,85	2	284	75	18	1	4	8	**332**	1,600

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	Au*	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
14/290		385,40	386,10	0,70	sBi-Mu	m-Bi-Po-d	49	9	10,90	384	0,16	6,10	0,61	4,38	2	195	145	21	16	2	7	**204**	2,000
15/290		386,10	387,10	1,00	sMu-Bi	m-Bi-Po-p	30	10	4,05	371	0,08	6,34	1,57	2,26	2	130	113	16	17	3	4	**139**	2,400
16/290		387,10	387,40	0,30	sMu & q-Fld	m-Po-d	27	18	4,90	84	0,07	4,34	1,30	1,29	2	103	145	19	10	2	4	**120**	6,100
17/290		387,40	387,70	0,30	Po-r	Po-r	12	17	1,55	65	0,03	2,36	0,63	1,14	2	57	53	8	7	13	2	**15**	3,300
18/290		387,70	388,10	0,40	sMu	m-Po-p	21	13	0,73	135	0,05	4,17	0,57	1,94	4	76	201	9	16	12	3	**210**	5,500
19/290		388,10	388,60	0,50	Po-r	Po-r	7	14	0,56	23	0,01	1,20	0,13	0,39	9	15	58	11	4	13	1	**10**	6,300
20/290		388,60	388,80	0,20	sBi-Fld	m-Bi-Po-d	33	81	3,18	72	0,05	3,88	1,00	2,12	9	85	114	12	11	13	3	**25**	14,100
21/290		388,80	390,00	1,20	sMu	m-Po-d	35	11	0,73	181	0,06	5,77	0,81	2,69	4	114	174	11	21	3	4	**144**	2,900
22/290		390,00	391,00	1,00	sMu	m-dt	33	7	0,59	138	0,07	6,72	0,32	3,41	2	100	120	13	26	2	4	**17**	2,400
23/290		391,00	392,10	1,10	sMu	m-Py-p	35	45	0,58	104	0,05	5,09	0,60	2,52	7	112	253	11	23	7	3	**59**	9,000
24/290		392,10	392,90	0,80	sMu	m-dt	53	7	0,76	140	0,15	8,07	0,83	3,80	5	211	126	13	23	3	8	**61**	1,600
25/290		392,90	393,50	0,60	m-Po-p	m-Po-p	16	58	0,54	52	0,02	3,14	0,89	1,11	8	61	183	6	10	11	2	**46**	13,700
26/290		393,50	394,45	0,95	q-Fld & Bi bands	Bi-Po-p	27	17	1,32	79	0,03	4,68	2,39	1,04	2	104	83	8	8	2	3	**50**	4,100
27/290		394,45	395,00	0,55	Mu-Bi sch	m-dt	40	3	0,93	142	0,05	6,69	1,54	1,98	4	101	74	11	24	4	4	**3**	0,200
28/290		395,00	395,30	0,30	Py-r	Py-r	13	58	0,52	44	0,02	3,26	0,81	1,12	2	50	210	7	12	11	2	**272**	10,300
29/290		395,30	396,05	0,75	sMu-Bi & q-Fld	m-Py-d	28	7	0,89	113	0,05	5,95	1,08	2,50	2	82	210	16	24	3	3	**270**	1,900
30/290		396,05	396,50	0,45	sMu-Bi	m-Py-d	50	5	0,88	129	0,07	6,70	0,99	2,83	2	107	136	19	22	4	4	**67**	1,700
31/290		396,50	397,20	0,70	sMu-Bi	m-Py-d	52	7	0,78	176	0,13	7,46	0,54	3,58	2	175	195	22	22	3	7	**33**	2,900
32/290		397,20	398,50	1,30	sMu-Bi	m-dt?	47	1	1,28	123	0,08	7,32	1,14	3,09	2	103	32	20	27	5	3	**5**	0,100
33/290		398,50	399,50	1,00	sMu-Bi	Bi-Po-p	28	6	1,05	98	0,06	4,40	0,75	1,96	2	78	147	13	17	1	3	**30**	5,600
34/290		399,50	400,30	0,80	sMu-Bi	Bi-Po-p	56	10	4,14	159	0,12	7,47	1,23	3,36	2	175	143	26	17	4	7	**222**	2,300
35/290		400,30	400,50	0,20	Py-r	Py-r	12	27	0,38	70	0,01	2,21	0,36	0,87	6	34	112	8	9	10	1	**75**	9,100
36/290		400,50	400,80	0,30	sMu	m-Bi-Py	64	5	0,84	291	0,15	7,09	0,90	3,17	2	124	107	32	22	5	4	**624**	4,600
37/290		400,80	401,00	0,20	sMu-Fld & gMc	m-dt	82	5	0,22	538	0,20	7,80	2,22	5,47	6	201	10	27	24	4	5	**19**	0,200
38/290		401,00	402,00	1,00	gMc		84	2	0,16	462	0,19	7,76	2,32	6,99	2	203	6	26	21	3	5	**8**	0,100
39/290		402,00	403,00	1,00	gMc	m-vt	88	1	0,15	538	0,19	7,81	2,05	9,94	2	175	4	26	21	3	5	**3**	0,000
40/290		403,00	404,00	1,00	gMc		87	1	0,17	453	0,20	7,90	2,18	7,31	2	158	5	24	21	4	5	**2**	0,000
41/290		404,00	405,00	1,00	gMc		93	2	0,35	502	0,19	7,97	1,91	7,37	2	175	4	25	21	4	6	**4**	0,000
149/590	5(90)	420,00	421,00	1,00	sGa-Mi		31	45	1,57	742	0,52	7,98	0,74	3,93	2	83	1	22	12	2	21	**5**	0,000
148/590		421,00	421,90	0,90	sGa-Mi		31	48	1,41	1260	0,52	7,80	0,67	4,08	2	74	1	19	12	2	19	**3**	0,000
147/590		421,90	423,00	1,10	sGa-Mi		28	37	1,36	642	0,45	7,22	1,16	3,40	2	67	1	16	10	2	18	**5**	0,000
146/590		423,00	424,00	1,00	sGa-Mi		28	41	1,44	685	0,49	7,70	1,51	3,53	2	70	1	19	11	2	21	**2**	0,000
145/590		424,00	425,00	1,00	sGa-Mi		32	46	1,48	1647	0,53	7,98	0,99	4,07	7	74	1	20	12	2	21	**1**	0,000
144/590		425,00	426,00	1,00	sGa-Mi		31	44	1,33	886	0,53	7,55	1,16	3,69	2	77	1	18	12	2	18	**3**	0,000

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
143/590		426,00	427,00	1,00	sGa-Mi		29	45	1,45	979	0,54	7,85	1,29	3,77	6	81	1	20	14	2	20	**2**	0,000
142/590		427,00	428,00	1,00	sGa-Mi		30	40	1,60	774	0,53	8,12	0,99	4,15	4	79	1	20	12	2	22	**1**	0,000
141/590		428,00	429,00	1,00	sGa-Mi		27	39	1,32	488	0,39	6,10	0,58	3,09	2	55	1	17	8	2	18	**2**	0,000
140/590		429,00	430,00	1,00	sGa-Mi		25	40	1,29	462	0,35	5,73	0,46	2,84	5	59	1	21	8	2	19	**18**	0,000
139/590		430,00	431,00	1,00	sGa-Mi		32	39	1,54	595	0,39	7,52	0,42	3,26	4	63	1	27	3	2	22	**5**	0,000
138/590		431,00	431,35	0,35	sGa-Mi & Grph		24	42	1,30	542	0,31	5,67	0,57	2,67	2	51	1	17	5	2	17	**2**	0,000
137/590		431,35	432,00	0,65	sMu-Bi & Grph	wrpPo	23	4	1,70	634	0,03	7,18	1,20	3,00	2	114	11	12	39	6	2	**3**	0,000
136/590		432,00	433,00	1,00	sMu-Bi		68	1	1,51	137	0,11	7,60	2,09	2,59	2	138	5	11	22	5	5	**1**	0,000
135/590		433,00	434,00	1,00	sMu-Bi		52	1	1,41	105	0,07	7,17	2,13	2,33	2	123	6	9	25	5	3	**1**	0,000
134/590		434,00	435,00	1,00	sMu-Bi		70	2	1,73	95	0,09	8,29	2,20	2,94	6	137	7	11	27	5	4	**1**	0,000
133/590		435,00	436,00	1,00	sMu-Bi		51	1	1,66	71	0,07	7,37	1,83	2,84	2	116	6	9	27	5	3	**1**	0,000
132/590		436,00	437,00	1,00	sMu-Bi		63	1	1,74	75	0,08	8,19	2,30	3,06	2	133	6	11	28	5	4	**1**	0,000
131/590		437,00	438,00	1,00	sMu-Bi		54	1	1,69	83	0,08	7,48	1,99	2,75	2	137	7	10	27	5	3	**1**	0,000
130/590		438,00	439,00	1,00	sMu-Bi	mis	29	1	1,35	121	0,04	6,63	2,23	2,11	4	121	9	8	34	6	2	**1**	0,000
129/590		439,00	440,00	1,00	sMu-Bi		24	2	1,61	174	0,05	6,42	1,37	2,51	2	132	10	7	34	6	2	**1**	0,000
128/590		440,00	441,00	1,00	sMu-Bi-Ky	wrpPo	34	1	1,39	511	0,08	7,51	1,60	2,53	2	192	8	10	30	7	4	**1**	0,000
127/590		441,00	442,00	1,00	sMu-Bi-Ky	wrpPo	43	23	1,54	1525	0,11	7,15	1,07	2,77	5	188	6	32	18	5	7	**2**	0,000
126/590		442,00	443,00	1,00	sMu-Bi-Ky	wrpPo	24	1	1,16	462	0,03	5,66	1,45	1,82	2	100	8	16	29	4	2	**1**	0,000
125/590		443,00	444,00	1,00	sMu-Bi-Ky	wrpPo	65	3	1,39	1100	0,12	7,82	1,26	3,28	4	176	8	24	21	3	6	**1**	0,000
124/590		444,00	444,95	0,95	sMu-Bi-Ky	wrpPo	25	1	1,18	267	0,04	5,67	1,67	1,95	4	122	9	7	27	5	3	**1**	0,000
123/590		444,95	445,90	0,95	sMu-Bi-Ky & Grph	wrpChl-Po	28	1	1,38	424	0,05	5,99	1,81	1,76	4	152	11	8	26	5	3	**2**	0,000
122/590		445,90	446,45	0,55	sMu-Bi-Ky & Grph	wrpChl-Po	52	2	1,44	532	0,08	6,97	1,95	1,92	5	167	14	12	16	4	5	**2**	0,000
121/590		446,45	446,80	0,35	q-Fld,Mu	wrpPo	79	1	1,76	591	0,11	8,35	2,98	2,62	6	132	33	13	17	3	5	**2**	0,100
120/590		446,80	447,00	0,20	sMu	m-dt	66	7	6,40	435	0,14	7,96	2,32	3,67	29	259	151	18	12	2	9	**33**	3,700
119/590		447,00	447,50	0,50	q-Fld,Mu & Bi-Po	Bi-Chl-Po	49	6	3,26	209	0,07	8,46	4,28	1,87	2	262	73	11	9	2	6	**12**	1,100
118/590		447,50	447,65	0,15	Bi-Po	Bi-Po	60	2	8,53	382	0,18	8,27	1,48	4,88	2	263	217	16	19	1	9	**57**	2,300
117/590		447,65	447,80	0,15	q-Fld,Mu & Bi-Po	Bi-Po & m-dt	36	9	1,80	162	0,06	6,59	3,54	1,09	2	201	201	9	7	2	5	**55**	4,600
116/590		447,80	448,15	0,35	q-Fld,Mu & Bi-Po	Bi-Po & m-dt	32	2	1,47	418	0,05	6,74	3,96	1,38	2	127	72	7	15	1	4	**4**	0,500
115/590		448,15	448,50	0,35	q-Fld,Mu & Bi-Po	Bi-Po & m-dt	49	5	1,52	133	0,04	7,78	5,87	0,97	2	256	70	8	3	1	5	**12**	1,600
114/590		448,50	448,75	0,25	Bi-Po	Bi-Po	74	1	6,87	587	0,20	9,00	1,76	4,37	2	327	229	12	14	1	11	**5**	2,100
113/590		448,75	448,95	0,20	q-Fld,Mu	m-dt	37	1	1,23	236	0,04	5,81	3,22	1,23	5	189	208	8	10	1	4	**66**	4,200
112/590		448,95	449,10	0,15	m-Po-p	m-Po-p	16	1	0,67	75	0,02	2,93	0,76	0,97	15	55	329	6	13	8	2	**179**	13,300
111/590		449,10	449,45	0,35	sMu-Bi	m-dt	24	1	1,36	108	0,04	6,80	1,75	2,18	5	105	53	12	34	6	2	**1**	0,000
110/590		449,45	450,00	0,55	sMu-Bi-Ky-Tou	mis	26	1	1,39	96	0,03	6,99	2,03	1,93	2	115	12	8	32	6	2	**2**	0,000

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
109/590		450,00	451,00	1,00	sMu-Bi	mis	56	1	1,59	108	0,07	7,52	2,02	2,83	2	101	8	11	27	5	3	**1**	0,000
108/590		451,00	451,20	0,20	q-Fld,Mu		80	1	0,67	239	0,11	7,75	2,90	2,58	7	159	8	18	33	4	6	**2**	0,000
107/590		451,20	452,00	0,80	q-Fld	wrpPy	40	1	0,07	60	0,04	4,06	2,90	0,68	2	84	3	11	12	2	2	**1**	0,000
106/590		452,00	452,70	0,70	q-Fld	mis, wrpPy	49	2	0,04	120	0,04	5,38	3,01	2,36	2	108	4	19	13	2	2	**2**	0,000
105/590		452,70	453,35	0,65	q-Fld	wrpPy	50	2	0,10	210	0,05	5,52	2,70	2,96	2	108	4	26	17	3	2	**3**	0,000
104/590		453,35	453,55	0,20	sMu		68	1	1,65	172	0,09	8,25	1,52	5,01	24	138	8	25	30	6	4	**2**	0,000
103/590		453,55	454,55	1,00	q-Fld,Mu	Bi-Po	57	1	0,08	173	0,05	5,75	2,37	3,88	2	118	5	26	14	3	3	**3**	0,000
102/590		454,55	455,25	0,70	sMu	mis	46	1	1,26	109	0,07	7,46	1,40	3,55	11	114	36	15	29	5	3	**30**	0,200
101/590		455,25	455,50	0,25	sMu	m-dt	45	1	0,71	99	0,12	6,80	0,37	3,66	8	180	85	34	24	1	6	**32**	4,000
100/590		455,50	455,75	0,25	sMu		80	1	0,93	483	0,09	8,86	0,82	5,13	9	182	17	50	42	5	6	**2**	0,100
99/590		455,75	456,12	0,37	q-Fld,Mu	m-dt, wrpPo?	57	1	0,23	429	0,05	7,01	1,90	2,55	2	131	10	34	28	2	4	**115**	0,200
98/590		456,12	456,70	0,58	sMu	m-dt	63	3	1,01	449	0,08	8,04	0,90	4,27	14	146	17	43	33	4	6	**16**	0,400
97/590		456,70	457,40	0,70	sMu	m-dt	42	2	1,21	179	0,08	7,14	0,50	4,33	9	125	33	30	31	4	4	**7**	0,200
96/590		457,40	457,80	0,40	Py-p	Py-p	37	1	0,64	124	0,05	4,55	0,38	2,52	9	94	294	23	19	1	3	**34**	4,800
95/590		457,80	458,00	0,40	Py-p	Py-p	29	1	1,16	67	0,05	3,90	1,08	1,71	12	96	119	19	14	10	3	**59**	5,700
94/590		458,20	458,60	0,40	Py-p	Py-p	29	1	0,69	87	0,05	4,58	0,35	2,53	12	106	338	26	20	11	3	**26**	5,900
93/590		458,60	459,00	0,40	Py-r	Py-r	26	1	0,69	90	0,05	4,12	0,46	2,12	19	80	261	19	19	10	3	**50**	9,000
92/590		459,00	459,40	0,40	Py-p	Py-p	21	23	0,83	94	0,03	4,75	1,10	1,95	5	91	182	21	24	1	2	**46**	5,900
91/590		459,40	460,00	0,60	sMu	m-dt	27	2	1,12	139	0,05	7,79	1,88	3,05	7	121	109	20	38	5	2	**2**	0,200
90/590		460,00	460,40	0,40	sMu	Py-p, Po-p	40	2	1,28	144	0,06	6,60	1,98	2,61	6	103	22	13	25	4	3	**5**	0,100
89/590		460,40	460,80	0,40	sMu & sBi-Fld	Py-p/d	45	5	1,33	132	0,06	6,92	1,69	2,85	6	106	20	11	25	3	3	**3**	0,300
88/590		460,80	461,20	0,40	sMu & sBi-Fld	Bi-Po-Sph-p/d	47	6	1,34	162	0,08	7,17	2,39	2,48	2	130	68	21	24	2	4	**38**	1,100
87/590		461,20	461,70	0,50	sMu	m-dt	21	2	1,25	192	0,04	6,57	2,18	2,26	2	103	24	15	32	5	2	**193**	0,400
86/590		461,70	462,20	0,50	sMu		28	3	0,84	134	0,05	6,30	1,08	2,63	4	92	13	26	30	4	2	**56**	0,100
85/590		462,20	462,70	0,50	sMu		31	1	1,23	168	0,05	7,25	1,21	3,24	9	107	9	17	35	5	2	**1**	0,000
84/590		462,70	463,25	0,55	sMu		28	2	1,22	230	0,06	6,82	1,13	2,93	8	113	6	23	31	4	2	**1**	0,000
83/590		463,25	463,50	0,25	q-Fld		76	3	0,32	261	0,18	7,27	2,94	1,75	7	233	3	23	19	4	4	**1**	0,000
82/590		463,50	464,05	0,55	sMu		67	3	1,08	339	0,15	7,12	2,31	2,49	6	171	5	47	24	6	5	**1**	0,000
81/590		464,05	464,40	0,35	q-Fld,Mu		76	2	0,32	278	0,20	7,58	3,44	2,40	6	248	2	23	16	4	5	**1**	0,000
80/590		464,40	464,75	0,35	gMc Fld-Mu	a	99	3	0,61	691	0,28	9,12	2,11	6,92	11	302	5	28	20	4	8	**1**	0,000
79/590		464,75	464,90	0,15	gMc Fld-Mu	mis, a	104	2	0,55	782	0,25	8,99	1,63	8,18	12	300	4	33	16	4	8	**1**	0,000
78/590		464,90	465,30	0,40	q-Fld	wrpPy	76	2	0,36	264	0,21	8,04	1,70	6,00	6	257	3	23	14	3	5	**2**	0,000
77/590		465,30	465,75	0,45	sMu-Bi	wrpPy-Po	107	2	1,14	434	0,30	9,99	0,66	7,27	13	246	4	30	26	6	8	**1**	0,000
76/590		465,75	466,75	1,00	sMu-Bi		102	1	1,35	420	0,27	9,22	0,47	7,28	12	134	4	27	25	5	7	**1**	0,000

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
75/590		466,75	467,75	1,00	sMu-Bi		107	1	1,47	450	0,27	9,21	0,43	7,08	8	118	4	27	24	6	7	**1**	0,000
74/590		467,75	468,90	1,15	gMc		98	3	0,85	783	0,28	9,18	2,16	5,97	2	265	3	33	19	5	7	**1**	0,000
73/590		468,90	469,60	0,70	sMu-Bi		105	3	0,98	710	0,29	9,09	2,27	5,83	7	252	3	33	22	6	7	**1**	0,000
72/590		469,60	470,00	0,40	gMc Fld-Mu	a	91	1	0,35	538	0,22	7,91	2,49	5,55	2	255	4	27	19	4	6	**1**	0,000
71/590		470,00	471,00	1,00	gMc Fld-Mu	a	83	3	0,22	562	0,21	7,68	2,43	5,95	6	211	2	23	17	4	5	**1**	0,000
70/590		471,00	472,00	1,00	gMc Fld-Mu	a	87	1	0,21	690	0,20	7,83	2,50	6,12	2	205	1	23	15	3	5	**1**	0,000
69/590		472,00	473,00	1,00	gMc Fld & gMc Mu	a	85	2	0,25	568	0,20	7,77	2,42	6,80	4	246	2	27	16	4	6	**1**	0,000
68/590		473,00	474,00	1,00	gMc Mu	mis, a, c	105	4	0,98	708	0,25	8,82	1,69	6,92	4	198	4	33	21	7	7	**1**	0,000
67/590		474,00	475,00	1,00	gMc Mu	a	95	2	1,00	639	0,29	8,93	1,69	6,39	7	81	2	34	23	7	7	**1**	0,000
66/590		475,00	476,00	1,00	gMc Mu	mis, a	94	1	0,91	797	0,29	8,91	1,45	7,11	2	84	2	32	21	6	7	**1**	0,000
65/590		476,00	477,00	1,00	gMc Mu	a	106	4	0,93	627	0,31	9,10	1,17	6,66	5	183	5	38	26	8	8	**1**	0,000
64/590		477,00	478,00	1,00	gMc Mu	a	91	1	0,83	623	0,29	8,57	1,67	5,68	4	131	5	34	23	8	7	**1**	0,000
63/590		478,00	479,00	1,00	gMc Mu	a	92	5	0,86	681	0,30	8,82	1,81	6,39	8	241	6	32	25	7	7	**1**	0,000
62/590		479,00	480,00	1,00	gMc Mu	a	89	2	0,90	664	0,30	8,92	1,42	6,79	9	247	8	30	26	7	7	**1**	0,000
61/590		480,00	481,00	1,00	gMc Mu	a	93	8	0,94	736	0,29	9,18	1,68	6,86	9	91	4	32	26	8	8	**1**	0,000
60/590		481,00	482,00	1,00	gMc Mu	a	101	3	0,89	765	0,26	9,02	1,81	7,53	11	68	5	32	25	6	7	**1**	0,000
59/590		482,00	483,00	1,00	gMc Mu	a	103	10	0,95	800	0,25	8,99	1,78	7,71	5	100	6	32	25	6	7	**3**	0,000
58/590		483,00	484,00	1,00	gMc Mu	a	105	2	0,91	805	0,25	9,27	1,59	8,17	2	101	3	30	20	6	7	**1**	0,000
57/590		484,00	485,00	1,00	gMc Mu	a	91	2	0,78	612	0,26	8,80	1,79	6,99	4	159	3	28	20	6	7	**1**	0,000
56/590		485,00	486,00	1,00	gMc Mu	a, c	90	2	0,27	520	0,19	7,82	2,74	6,00	2	217	3	31	18	4	7	**1**	0,000
55/590		486,00	487,00	1,00	gMc Mu	a	48	1	0,23	246	0,10	3,83	1,15	3,19	2	110	1	15	10	2	3	**1**	0,000
54/590		487,00	488,00	1,00	gMc Mu	a	106	2	0,56	625	0,21	8,80	2,13	8,11	2	270	3	30	17	5	8	**1**	0,000
53/590		488,00	489,00	1,00	gMc Mu	a	104	1	0,64	642	0,22	8,88	1,54	8,43	2	249	3	28	19	4	7	**1**	0,000
52/590		489,00	490,00	1,00	gMc Mu	a	62	3	1,12	398	0,15	8,20	1,99	4,87	5	183	6	28	29	6	4	**1**	0,000
51/590		490,00	491,00	1,00	gMc Mu	a	23	1	1,08	81	0,03	6,56	1,67	3,16	2	109	8	19	33	6	1	**1**	0,000
50/590		491,00	492,00	1,00	gMc Mu	a	23	1	1,10	62	0,03	6,36	1,95	2,87	2	103	8	16	30	7	1	**1**	0,000
49/590		492,00	493,00	1,00	gMc Mu	a	27	2	1,15	107	0,04	6,83	1,77	3,16	2	115	10	18	31	6	2	**1**	0,000
48/590		493,00	494,00	1,00	gMc Mu	a	95	1	1,87	381	0,21	9,74	1,30	5,64	7	222	5	42	32	8	7	**1**	0,000
47/590		494,00	494,65	0,65	gMc Mu	mis, a	90	2	1,02	547	0,28	9,00	2,73	4,36	2	302	2	29	19	5	7	**1**	0,000
46/590		494,65	495,35	0,70	sMu-Bi		106	2	0,95	635	0,26	9,34	2,35	4,77	2	278	2	30	22	4	7	**1**	0,000
45/590		495,35	495,75	0,40	vb	vb	7	2	0,05	29	0,01	0,65	0,18	0,21	2	16	1	2	2	1	1	**1**	0,000
44/590		495,75	496,40	0,65	sMu-Bi		83	2	0,96	432	0,20	8,88	2,75	3,21	4	261	3	22	20	7	6	**1**	0,000
43/590		496,40	496,80	0,40	vb	vb	6	1	0,11	29	0,01	1,25	0,49	0,35	2	17	1	1	2	1	1	**1**	0,000
42/590		496,80	497,95	1,15	sMu-Bi		84	1	1,64	168	0,14	8,75	2,04	3,84	5	128	4	22	26	5	6	**1**	0,000

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
41/590		497,95	499,00	1,05	q-Fld,Mu	mis, wrpPo	70	2	0,19	345	0,10	7,17	2,31	4,38	2	132	3	27	12	3	5	**1**	0,000
40/590		499,00	500,00	1,00	q-Fld,Mu	wrpPo	58	2	0,13	159	0,08	6,59	2,66	2,80	4	125	2	20	11	3	3	**1**	0,000
39/590		500,00	501,00	1,00	q-Fld,Mu & sMu-Bi+Grph?	wrpPo	64	2	0,39	167	0,09	8,46	3,91	2,10	2	151	2	22	15	7	4	**1**	0,000
38/590		501,00	502,20	1,20	q-Fld,Mu & Grph	wrpPo	68	2	0,29	203	0,08	6,77	2,42	2,53	2	142	4	18	18	3	4	**1**	0,000
37/590		502,20	503,00	0,80	sMu-Bi		30	1	1,28	194	0,04	7,67	1,42	3,92	2	136	9	16	36	5	2	**1**	0,000
36/590		503,00	503,45	0,45	sMu-Bi	mis	75	1	1,49	422	0,19	8,78	2,31	4,13	2	168	6	22	34	5	7	**1**	0,000
35/590		503,45	504,20	0,75	q-Q,Fld,Mu		69	1	0,32	191	0,10	7,58	3,48	2,50	2	154	4	13	17	4	4	**1**	0,000
34/590		504,20	504,45	0,25	sMu-Fld		88	2	0,94	499	0,23	8,67	2,24	3,79	5	260	5	24	24	5	7	**1**	0,000
33/590		504,45	504,70	0,25	vb	vb	7	1	0,07	30	0,01	0,54	0,13	0,22	2	14	1	2	2	1	1	**1**	0,000
32/590		504,70	506,00	1,30	sMu-Fld		81	3	1,00	592	0,20	8,69	2,29	4,24	2	231	4	23	20	4	6	**1**	0,000
31/590		506,00	506,90	0,90	sMu-Fld		51	2	1,61	185	0,06	8,27	1,39	4,14	8	123	6	13	31	4	3	**1**	0,000
30/590		506,90	508,00	1,10			84	2	1,45	135	0,14	8,22	2,03	3,32	2	130	3	19	23	5	5	**1**	0,000
29/590		508,00	509,00	1,00	sBi-Mu-Ky		47	1	1,51	127	0,08	7,43	1,93	2,47	2	110	6	10	27	5	4	**1**	0,000
28/590		509,00	510,00	1,00	sBi-Mu-Ky		51	1	1,48	126	0,06	6,19	2,12	1,63	2	102	5	10	22	5	3	**1**	0,000
27/590		510,00	511,00	1,00	sBi-Mu	m-vt, c	63	2	1,39	195	0,07	7,43	2,26	2,05	2	112	4	13	23	5	3	**2**	0,000
26/590		511,00	512,00	1,00	sBi-Mu		76	1	1,71	147	0,11	8,64	2,42	2,57	2	140	5	17	25	6	5	**2**	0,000
25/590		512,00	513,00	1,00	sBi-Mu		57	5	1,51	217	0,08	7,99	2,32	2,50	2	129	5	15	27	5	4	**4**	0,000
24/590		513,00	514,10	1,10	sBi-Mu		69	3	1,53	318	0,09	7,70	1,96	2,71	2	122	3	18	22	5	4	**1**	0,000
23/590		514,10	515,30	1,20	sGa-Mi	utPo-Py	33	103	1,07	1483	0,20	6,57	1,64	2,20	2	61	2	43	2	3	13	**1**	0,000
22/590		515,30	515,65	0,35	vb	vb	12	35	0,35	279	0,06	1,50	0,25	0,60	2	13	1	17	1	1	3	**1**	0,000
21/590		515,65	516,00	0,35	sGa-Mi	utPo	36	61	1,44	977	0,30	7,19	0,99	3,00	2	74	2	36	3	2	16	**1**	0,000
20/590		516,00	517,00	1,00	sGa-Mi	utChl-Po	28	37	1,42	599	0,34	6,81	0,58	3,12	2	48	1	21	6	1	18	**1**	0,000
19/590		517,00	517,50	0,50	sGa-Mi		32	50	1,76	595	0,43	7,94	0,95	3,79	2	43	1	20	11	2	20	**1**	0,000
18/590		517,50	518,00	0,50	sGa-Mi	utPo	37	62	1,81	1206	0,47	7,87	0,93	3,87	2	81	1	22	11	2	24	**1**	0,000
17/590		518,00	519,00	1,00	sGa-Mi	utChl	25	38	1,45	783	0,34	6,65	0,79	3,03	2	36	1	19	8	2	17	**5**	0,000
16/590		519,00	520,00	1,00	sGa-Mi	utChl	31	43	1,55	527	0,37	7,38	0,76	3,24	2	44	1	25	7	2	20	**2**	0,000
15/590		520,00	521,00	1,00	sGa-Mi	utChl	40	41	1,53	697	0,38	7,86	1,23	3,82	2	60	1	23	14	2	18	**4**	0,000
14/590		521,00	522,00	1,00	sGa-Mi		31	44	1,63	535	0,42	7,37	1,70	3,15	2	48	1	22	9	2	19	**4**	0,000
13/590		522,00	523,00	1,00	sGa-Mi		30	39	1,50	580	0,42	7,23	1,29	3,39	6	49	1	21	11	2	19	**1**	0,000
12/590		523,00	524,00	1,00	sGa-Mi		28	38	1,40	515	0,38	7,02	1,70	2,97	2	49	1	20	9	1	18	**1**	0,000
11/590		524,00	525,00	1,00	sGa-Mi		31	49	1,62	599	0,46	7,64	1,87	3,66	4	54	1	24	11	2	21	**1**	0,000
10/590		525,00	526,00	1,00	sGa-Mi		31	41	1,59	586	0,44	7,40	1,52	3,73	2	55	1	19	10	1	19	**1**	0,000
9/590		526,00	527,00	1,00	sGa-Mi		31	44	1,46	618	0,45	7,45	1,61	3,62	4	55	1	21	12	2	19	**1**	0,000
8/590		527,00	528,30	1,30	sGa-Mi		32	50	1,24	860	0,48	7,44	1,55	3,42	2	58	1	20	12	2	17	**1**	0,000

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
7/590		528,30	529,00	0,70	sGa-Mi		35	54	1,23	1059	0,48	7,88	1,61	3,30	2	59	1	23	12	2	17	**1**	0,000
6/590		529,00	530,00	1,00	sGa-Mi		42	65	1,37	1447	0,57	8,72	1,12	3,98	2	67	1	28	13	2	20	**1**	0,000
5/590		530,00	530,10	0,10	vb	mis	32	110	1,54	901	0,51	7,79	1,48	3,76	4	61	1	25	14	2	18	**1**	0,100
4/590		530,10	531,00	0,90	sGa-Mi		36	64	1,38	792	0,54	8,24	0,93	4,15	2	67	1	24	14	2	19	**1**	0,000
3/590		531,00	532,00	1,00	sGa-Mi		36	51	1,34	847	0,50	7,76	0,59	4,05	2	67	1	24	11	2	18	**4**	0,000
2/590		532,00	533,00	1,00	sGa-Mi		38	50	1,26	992	0,50	7,81	1,50	3,49	2	64	1	23	12	2	18	**4**	0,000
1/590		533,00	534,00	1,00	sGa-Mi	mis	34	59	1,28	1300	0,52	8,24	0,91	4,05	2	59	1	24	13	2	18	**2**	0,000
1/490	4(90)	365,00	366,00	1,00	sGa-Mi & Grph	wrpPo	19	49	1,08	409	0,26	4,56	0,48	2,35	2	39	1	14	8	2	14	**4**	0,000
2/490		366,00	366,65	0,65	sGraph-Fld, sGa-Mi	wrpPo	21	56	1,11	561	0,27	5,36	0,18	3,15	4	77	4	19	5	2	16	**4**	0,000
3/490		366,65	367,50	0,85	sGa-Mi		29	55	1,65	577	0,46	7,54	1,19	3,82	2	66	2	22	12	2	20	**2**	0,000
4/490		367,50	368,40	0,90	sGa-Mi		31	49	1,58	615	0,50	7,74	1,64	3,41	2	77	3	22	10	2	21	**2**	0,000
5/490		368,40	369,30	0,90	sGa-Mi		25	41	1,33	447	0,36	5,96	0,67	2,84	2	54	2	18	8	1	18	**1**	0,000
6/490		369,30	370,12	0,82	sGa-Mi	utPo	18	35	1,07	371	0,26	4,43	0,26	2,17	2	38	3	13	6	1	14	**9**	0,000
7/490		370,12	371,00	0,88	sMu-Bi-Ky & Grph	wrpPo	30	5	1,41	715	0,07	7,09	1,18	2,58	2	123	11	29	27	5	4	**2**	0,000
8/490		371,00	372,00	1,00	sMu-Bi-Ky & Grph	mis, wrpPo	49	17	1,43	928	0,09	7,55	0,86	2,91	2	111	11	44	20	4	5	**2**	0,000
9/490		372,00	373,00	1,00	sMu-Bi-Ky & Grph, Ga	mis	52	3	1,52	863	0,08	6,96	1,03	2,39	2	204	25	29	10	4	7	**5**	0,100
10/490		373,00	373,50	0,50	Bi-Po	m-Bi-Po-d	79	11	4,76	805	0,14	9,13	2,05	3,69	2	281	54	32	11	6	10	**40**	0,800
11/490		373,50	374,00	0,50	sMu	m-Po-d (Ars!)	39	5	1,04	942	0,09	6,61	1,03	2,84	5	186	62	22	16	4	5	**6**	0,100
12/490		374,00	374,25	0,25	sMu-Bi	Po-d	62	3	1,86	650	0,19	9,32	1,14	4,45	2	352	69	24	17	5	12	**11**	0,300
13/490		374,25	375,00	0,75	sBi-Mu	mis	50	1	1,67	179	0,06	7,13	1,64	2,38	2	116	10	17	20	5	4	**1**	0,000
14/490		375,00	376,00	1,00	sBi-Mu		55	1	1,63	474	0,07	7,25	1,50	3,22	2	116	9	14	24	5	3	**1**	0,000
15/490		376,00	377,00	1,00	sBi-Mu		49	1	1,54	106	0,08	7,35	1,89	3,43	2	121	6	14	24	5	3	**1**	0,000
16/490		377,00	378,00	1,00	sBi-Mu	mis, a	40	1	1,66	112	0,08	6,96	1,88	3,74	2	112	8	12	27	6	3	**1**	0,000
17/490		378,00	379,00	1,00	sBi-Mu	mis, a	45	1	1,67	83	0,07	7,29	2,25	3,24	2	123	7	10	25	6	2	**1**	0,000
18/490		379,00	380,00	1,00	sBi-Mu		53	3	1,43	101	0,12	7,51	1,66	3,58	2	139	9	12	24	6	5	**1**	0,100
19/490		380,00	381,00	1,00	sBi-Mu	mis	67	1	1,05	132	0,12	7,27	1,47	3,23	4	129	9	19	23	4	5	**1**	0,000
20/490		381,00	382,00	1,00	sBi-Mu & sMu		56	2	1,14	182	0,11	7,56	1,74	3,10	6	125	8	19	22	5	4	**2**	0,000
21/490		382,00	382,70	0,70	sBi-Mu & sMu		48	1	1,75	201	0,07	7,57	1,48	3,47	2	119	9	15	26	5	3	**1**	0,000
22/490		382,70	383,20	0,50	sMu-Bi & sMu	m-dt, mis	55	2	1,38	201	0,13	7,68	1,41	3,65	7	135	39	18	25	4	5	**2**	0,100
23/490		383,20	383,60	0,40	sBi-Mu	Bi-Py-p	56	6	3,18	256	0,16	7,17	1,45	3,42	2	204	70	12	14	3	8	**15**	0,400
24/490		383,60	384,00	0,40	Bi-Po-Chl & sMu	Bi-Po-p	36	5	1,65	312	0,11	5,82	0,50	3,49	2	144	187	10	25	2	5	**13**	1,800
25/490		384,00	384,40	0,40	m-Po-p	Po-p	29	26	1,65	120	0,05	4,80	1,46	1,72	7	104	199	14	14	15	3	**82**	6,300
26/490		384,40	384,95	0,55	sMu		30	1	1,29	92	0,04	6,77	2,00	2,29	2	86	31	19	31	5	2	**2**	0,100
27/490		384,95	385,30	0,35	Po-p	Po-p	21	48	0,96	73	0,03	2,96	0,66	1,22	2	59	134	14	11	1	2	**52**	10,000

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
28/490		385,30	385,60	0,30	Po-p	Po-p	37	14	1,87	223	0,39	6,46	1,34	3,22	2	115	196	68	66	16	9	**64**	3,400
29/490		385,60	386,20	0,60	m-vt	m-vt	5	6	0,31	64	0,04	1,26	0,33	0,67	2	18	30	9	8	1	1	**8**	1,300
30/490		386,55	386,90	0,35	m-Po-p	m-Po-p	17	17	1,08	161	0,07	8,20	0,19	5,52	7	138	468	21	45	3	3	**21**	3,200
31/490		386,90	387,20	0,30	m-Po-p	m-Po-p	20	19	0,84	109	0,05	7,08	0,17	4,15	8	111	344	19	33	3	2	**35**	3,000
32/490		387,20	387,70	0,50	q-Q,Mu	utPy-Po	50	1	0,97	125	0,07	7,68	0,59	4,51	2	125	23	19	29	4	3	**2**	0,100
33/490		387,70	388,25	0,55	Mu sch		42	2	0,96	174	0,07	7,38	1,02	4,61	4	120	21	11	29	4	3	**2**	0,100
34/490		388,25	388,50	0,25	q-Fld,Mu	utPy	42	1	0,27	158	0,07	5,01	3,36	1,41	2	105	5	18	20	2	2	**2**	0,000
35/490		388,50	389,00	0,50	sMu-Fld & gMc		77	3	0,73	434	0,20	8,21	2,70	5,42	2	206	6	25	22	5	5	**1**	0,000
36/490		389,00	390,00	1,00	gMc	mis	77	2	0,36	466	0,22	7,97	2,89	7,00	2	227	5	26	21	4	5	**1**	0,000
37/490		390,00	391,00	1,00	gMc Mu	mis, a, c	58	4	0,40	1253	0,23	6,92	3,43	5,27	2	215	7	20	23	4	4	**2**	0,000
38/490		391,00	392,00	1,00	sBi-Mu-Fld	mis	96	1	1,18	607	0,25	9,11	2,42	5,80	2	207	12	28	18	5	7	**2**	0,000
39/490		392,00	393,00	1,00	sBi-Mu-Fld	a	98	2	1,55	653	0,25	9,21	1,53	6,42	2	177	2	28	18	5	8	**1**	0,000
40/490		393,00	394,00	1,00	sBi-Mu-Fld	a, c	92	2	1,03	753	0,26	9,08	2,13	6,15	2	117	3	27	17	4	7	**1**	0,000
41/490		394,00	395,00	1,00	sBi-Mu-Fld	a, c	79	3	0,58	481	0,28	8,15	4,33	3,66	2	173	1	20	16	5	6	**1**	0,000
42/490		395,00	396,00	1,00	sBi-Mu-Fld	m-vt, a, c	84	3	0,81	691	0,32	8,61	3,25	5,47	4	149	1	25	19	5	7	**1**	0,000
43/490		396,00	397,00	1,00	sBi-Mu-Fld	mis, a	88	2	1,04	761	0,28	8,89	2,10	5,78	10	78	5	31	20	5	7	**1**	0,000
44/490		397,00	398,00	1,00	sBi-Mu-Fld		67	2	0,70	570	0,28	8,27	3,91	4,19	2	125	3	25	19	4	6	**1**	0,000
45/490		398,00	399,00	1,00	sBi-Mu-Fld		87	3	1,07	853	0,29	9,19	2,30	6,34	5	63	3	27	17	4	7	**2**	0,000
46/490		399,00	400,00	1,00	sBi-Mu-Fld & gMc		72	2	0,59	596	0,27	8,14	3,49	5,00	2	123	2	24	18	4	7	**1**	0,000
1/3993	39/93	0,00	1,00	1,00	gMc		95	3	0,18	551	0,21	8,06	1,87	8,04	2	156	6	26	20	3	5	**4**	0,000
2/3993		1,00	2,00	1,00	gMc		94	2	0,20	523	0,21	8,21	2,22	7,69	2	156	7	27	20	3	5	**3**	0,000
3/3993		2,00	3,00	1,00	gMc	utPo	86	3	0,17	464	0,20	7,61	1,95	6,63	2	149	7	26	20	3	5	**16**	0,000
4/3993		3,00	4,00	1,00	gMc	utPy	80	4	0,18	472	0,21	7,85	2,31	6,91	2	180	6	24	18	3	5	**3**	0,000
5/3993		4,00	5,00	1,00	gMc		87	3	0,17	549	0,19	7,85	1,84	7,65	5	208	8	26	18	3	4	**2**	0,000
6/3993		5,00	6,00	1,00	gMc	mis, a	89	2	0,17	678	0,17	8,53	1,57	9,35	2	232	6	18	13	3	4	**3**	0,000
7/3993		6,00	7,00	1,00	gMc, sBi-Mu, sMu	mis, a, c	101	2	0,37	643	0,23	9,03	1,08	6,95	6	161	12	25	20	5	6	**2**	0,000
8/3993		7,00	8,00	1,00	gMc Mu rich, sBi-Mu	a	73	2	1,09	416	0,17	8,48	1,83	5,23	10	204	5	20	24	5	6	**19**	0,000
9/3993		8,00	9,00	1,00	sMu-Bi	Bi-Po-d	55	1	1,43	380	0,07	7,45	1,28	3,41	7	130	16	17	25	4	3	**2**	0,000
10/3993		9,00	10,00	1,00	sMu-Bi	Bi-Po-d, mis	52	1	1,46	198	0,06	7,11	1,63	2,85	2	137	11	15	24	4	3	**1**	0,000
11/3993		10,00	11,00	1,00	sMu-Bi		57	1	1,31	204	0,06	7,36	1,39	3,22	9	107	11	13	25	4	3	**1**	0,000
12/3993		11,00	12,00	1,00	sMu-Bi	m-vt (mis)	54	4	1,49	226	0,09	7,87	1,47	3,44	18	160	23	15	27	5	4	**27**	0,200
13/3993		12,00	12,70	0,70	sMu-Bi	m-vt, mis	39	3	1,08	289	0,07	7,18	1,36	2,87	8	152	25	18	27	5	4	**8**	0,200
14/3993		12,70	13,25	0,55	m-vt	m-vt	19	2	0,55	85	0,03	3,46	1,21	0,93	4	73	9	11	10	3	2	**20**	0,200
15/3993		13,25	13,80	0,55	sMu, Po-p	Po-p	63	10	1,17	414	0,15	8,51	1,35	3,86	19	235	39	22	25	4	8	**80**	0,700

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
16/3993		13,80	14,60	0,80	sMu, q-Fld,Mu	Bi-Po-d	42	2	0,78	266	0,04	6,78	1,74	2,57	7	130	14	21	30	5	3	**3**	0,100
17/3993		14,60	14,90	0,30	sBi-Mu	Bi-Po-d	76	1	1,43	958	0,19	8,55	1,62	3,55	9	214	7	34	20	4	11	**2**	0,000
18/3993		14,90	15,55	0,65	sGa-Mi		76	1	1,42	953	0,20	8,43	1,87	3,12	2	209	5	34	15	5	11	**2**	0,000
19/3993		15,55	16,90	1,35	sBi-Mu	mis	56	3	1,76	481	0,09	8,64	1,88	3,39	8	153	10	24	38	6	4	**1**	0,000
20/3993		16,90	17,90	1,00	sBi-Mu, q-Fld	mis, a	60	2	1,18	889	0,13	8,16	2,30	2,49	7	206	8	27	16	5	9	**3**	0,000
21/3993		17,90	18,70	0,80	sBi-Mu-Ky		67	1	1,83	682	0,15	8,64	2,22	2,50	2	220	8	28	17	5	8	**2**	0,000
22/3993		18,70	19,70	1,00	sMu-Bi		40	1	1,91	398	0,06	8,67	1,81	3,25	2	133	14	20	41	6	3	**1**	0,000
23/3993		19,70	20,70	1,00	sMu-Bi, Grph	mis, wrpPo	26	4	1,64	175	0,04	8,20	2,17	2,83	6	125	13	19	40	6	2	**2**	0,000
24/3993		20,70	21,70	1,00	sMu-Bi	wrpPo	30	3	1,64	262	0,04	8,24	1,45	3,47	9	139	14	22	44	4	2	**1**	0,000
25/3993		21,70	22,70	1,00	sMu-Bi, q-Fld,Mu,Grph	wrpPo	31	16	1,19	397	0,08	7,40	1,55	2,83	2	109	25	30	25	4	5	**1**	0,000
26/3993		22,70	23,70	1,00	sMu-Bi	m-vt	71	2	1,58	479	0,15	8,43	1,89	3,69	6	163	13	23	24	4	6	**1**	0,000
27/3993		23,70	24,70	1,00	sMu-Fld		37	1	0,48	78	0,03	6,63	2,04	2,65	2	124	9	24	28	5	3	**1**	0,000
28/3993		24,70	25,70	1,00	sMu-Fld		35	1	0,48	71	0,03	6,34	2,41	2,35	4	139	8	23	29	5	3	**1**	0,000
29/3993		25,70	26,70	1,00	sMu-Fld		39	1	0,53	239	0,03	6,57	2,35	2,57	9	135	8	24	29	6	3	**1**	0,000
30/3993		26,70	27,55	0,85	sMu-Fld	a	39	1	0,51	64	0,04	6,97	2,67	2,33	7	141	9	29	30	5	3	**1**	0,000
31/3993		27,55	28,30	0,75	sMu-Bi	mis	95	3	1,75	382	0,19	9,11	1,63	4,60	11	173	12	35	29	4	6	**1**	0,000
32/3993		28,30	28,80	0,50	sMu-Bi, q-Fld	m-vt	97	3	1,76	299	0,15	8,66	2,22	3,61	13	132	60	33	23	5	5	**45**	0,300
33/3993		28,80	29,00	0,20	sMu	m-vt	32	6	0,55	166	0,07	3,82	0,50	1,83	6	80	524	13	15	1	3	**35**	6,300
34/3993		29,00	29,70	0,70	sMu	m	53	1	1,16	354	0,09	8,10	1,57	3,49	5	156	134	24	25	4	4	**45**	0,900
35/3993		29,70	30,50	0,80	sMu	m-vt	27	1	1,66	114	0,03	8,16	1,83	3,46	8	132	29	13	48	5	2	**43**	0,500
36/3993		30,50	31,50	1,00	sMu		24	2	1,35	183	0,03	7,80	1,98	2,98	6	129	14	14	45	4	2	**2**	0,100
37/3993		31,50	32,20	0,70	sGa-Mi		34	54	1,66	617	0,51	7,73	0,43	4,45	2	59	1	32	13	1	21	**4**	0,000
38/3993		32,20	33,00	0,80	q-Fld,Mu,Grph	a, wrpPo	19	4	0,25	398	0,02	6,04	1,50	3,09	4	108	9	18	35	5	1	**1**	0,000
39/3993		33,00	33,80	0,80	q-Fld,Mu,Grph	a, wrpPo	20	6	0,16	178	0,03	5,72	1,76	3,34	2	89	8	18	34	5	1	**3**	0,000
40/3993		33,80	34,20	0,40	sGa-Mi		20	10	0,62	275	0,03	5,64	0,24	3,62	5	69	10	36	33	5	2	**1**	0,000
41/3993		34,20	35,00	0,80	q-Fld,Mu & sMu-Bi	a	20	3	0,34	116	0,01	5,54	2,19	1,74	4	84	8	13	33	5	1	**1**	0,000
42/3993		43,50	45,00	1,50	sGa-Mi		63	2	0,64	1052	0,21	7,73	0,97	4,76	2	188	5	31	21	3	7	**4**	0,000
1/2491	24/91	15,00	16,10	1,10	sBi-Mu	mis	104	4	2,22	509	0,26	9,08	0,78	6,08	4	135	17	31	23	4	7	**8**	0,000
2/2491		16,10	16,50	0,40	vb	vb	7	1	0,15	157	0,01	1,19	0,27	0,91	2	17	2	2	1	1	1	**1**	0,000
3/2491		16,50	17,30	0,80	sBi-Mu	mis	89	4	2,02	511	0,25	8,86	1,07	5,42	7	179	29	27	26	5	7	**3**	0,000
4/2491		26,00	27,00	1,00	sMu-Bi	mis, utpPy	114	2	1,57	671	0,26	9,68	2,10	6,28	2	174	6	36	25	4	8	**1**	0,000
5/2491		27,00	28,00	1,00	sMu-Bi	utpPy	103	2	1,75	595	0,25	9,13	1,58	6,04	6	175	5	32	22	5	7	**2**	0,000
6/2491		28,00	29,00	1,00	sMu-Bi	mis	95	3	2,34	513	0,26	9,51	0,75	6,92	6	184	9	35	27	4	8	**3**	0,100
7/2491		29,00	30,00	1,00	sMu-Bi	mis	75	4	1,77	544	0,18	9,18	0,67	7,18	7	170	16	35	30	4	6	**3**	0,100

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
8/2491		30,00	31,00	1,00	sMu-Bi	m-dt	89	3	1,93	477	0,20	9,07	0,73	6,78	2	155	11	40	27	4	7	**2**	0,100
9/2491		31,00	32,00	1,00	sMu-Bi	m-dt	82	2	1,79	494	0,21	8,25	0,93	5,29	6	135	14	29	20	5	6	**2**	0,000
10/2491		32,00	33,00	1,00	sMu-Bi	m-dt, Po-d/p	89	2	1,38	373	0,19	8,35	1,23	4,61	2	134	133	32	22	6	6	**3**	0,100
11/2491		33,00	33,70	0,70	sMu-Bi	m-dt	82	3	1,69	328	0,15	8,94	0,65	6,00	6	165	88	33	29	5	7	**50**	0,300
12/2491		33,70	33,80	0,10	m-vt	m-vt	50	9	0,70	241	0,07	5,78	0,26	4,42	2	97	246	25	17	1	3	**25**	2,700
13/2491		33,80	34,00	0,20	Py-p	Py-p	44	40	0,51	98	0,06	4,40	0,22	2,42	2	78	412	22	16	1	3	**75**	9,100
14/2491		34,00	34,50	0,50	Py-r	Py-r	1	55	0,04	7	0,01	0,28	0,02	0,13	2	5	65	2	2	1	1	**281**	13,100
15/2491		34,50	35,00	0,50	Py-r	Py-r	1	30	0,03	7	0,01	0,09	0,01	0,04	25	2	35	1	1	4	1	**168**	13,400
16/2491		35,00	35,50	0,50	Py-r	Py-r	1	26	0,03	2	0,01	0,04	0,01	0,01	31	1	35	1	1	2	1	**94**	13,500
17/2491		35,50	36,00	0,50	Py-r	Py-r	1	59	0,04	9	0,01	0,16	0,02	0,07	20	4	48	2	1	9	1	**140**	13,500
18/2491		36,00	36,65	0,65	Py-r	Py-r	1	53	0,03	4	0,01	0,10	0,01	0,01	16	1	62	1	1	9	1	**118**	13,300
19/2491		36,65	37,50	0,85	Py-r	Py-r/p	8	56	0,09	16	0,01	1,14	0,19	0,44	9	19	154	7	4	1	1	**126**	11,000
20/2491		37,50	38,00	0,50	Py-r	Py-r/p	2	79	0,05	6	0,01	0,37	0,05	0,15	5	9	112	4	3	1	1	**66**	12,700
21/2491		38,00	38,50	0,50	Py-r	Py-r/p	1	67	0,05	7	0,01	0,30	0,04	0,11	6	6	123	3	3	1	1	**136**	12,900
22/2491		38,50	39,00	0,50	Py-r	Py-r/p	2	85	0,07	7	0,01	0,54	0,05	0,25	8	12	107	5	4	1	1	**50**	12,700
23/2491		39,00	39,40	0,40	Py-r	Py-r/p	4	83	0,05	9	0,01	0,39	0,04	0,16	9	9	105	5	2	1	1	**212**	12,600
24/2491		39,40	39,60	0,20	Py-r	Py-r/p	10	70	0,16	21	0,01	1,80	0,20	0,82	6	39	181	12	8	8	1	**120**	12,600
25/2491		39,60	40,00	0,40	Py-p	Py-p	32	6	0,56	66	0,03	5,16	0,50	2,72	2	124	158	33	29	3	3	**13**	1,300
26/2491		41,00	41,50	0,50	Py-p	Py-p	27	23	0,61	54	0,03	5,11	0,75	2,37	7	89	123	27	23	1	3	**24**	3,600
27/2491		41,50	42,00	0,50	q-Fld,Bi		17	1	1,05	66	0,02	6,36	4,11	1,23	2	114	24	12	22	4	1	**2**	0,100
28/2491		42,00	43,00	1,00	sMu-Bi		21	2	1,49	87	0,04	7,21	2,72	2,41	2	104	32	11	35	5	2	**1**	0,100
29/2491		43,00	44,00	1,00	q-Fld,Bi & sMu-Bi		22	3	1,66	43	0,03	6,73	1,92	2,61	5	94	15	11	34	5	2	**1**	0,000
30/2491		44,00	45,20	1,20	sMu-Bi		24	1	1,44	50	0,03	7,23	1,35	3,00	5	91	12	14	40	5	2	**1**	0,000
31/2491		45,20	46,00	0,80	sBi-Ky-Fld		36	1	2,00	19	0,04	4,80	1,36	1,53	2	78	8	15	30	7	3	**2**	0,000
32/2491		46,00	47,00	1,00	sBi-Ky-Fld		40	1	1,99	21	0,04	4,28	1,55	1,30	2	87	11	14	30	7	3	**1**	0,000
33/2491		47,00	48,00	1,00	sBi-Ky-Fld		36	1	1,88	30	0,03	3,85	1,35	1,21	2	89	9	13	30	6	3	**1**	0,000
34/2491		48,00	49,00	1,00	sBi-Ky-Fld		43	1	2,09	322	0,04	4,12	1,40	1,35	2	87	10	14	34	7	3	**1**	0,000
35/2491		49,00	50,00	1,00	sBi-Ky-Fld		43	1	2,13	22	0,04	4,09	1,43	1,35	2	91	10	12	35	6	3	**1**	0,000
1/2891	28/91	0,00	0,50	0,50	sMu-Bi		90	3	1,64	177	0,12	8,47	0,73	5,57	12	110	16	41	26	5	4	**4**	0,000
2/2891		0,50	1,00	0,50	sMu-Bi & m-Po	m-Po-d	77	14	1,27	197	0,11	7,82	0,45	5,85	2	117	106	29	25	4	4	**23**	2,200
3/2891		1,00	1,70	0,70	sMu-Bi	a	71	10	1,17	265	0,13	7,61	0,75	5,37	11	108	10	33	21	4	6	**1**	0,000
4/2891		1,70	2,40	0,70	sMu	m-vt, a	49	2	0,30	360	0,19	6,33	2,88	3,44	2	165	7	10	16	4	4	**4**	0,300
5/2891		2,40	2,85	0,45	q-Fld	mis, a ,c	60	2	0,11	694	0,24	5,87	4,52	4,10	2	254	6	8	17	3	3	**1**	0,000
6/2891		2,85	3,80	0,95	gMc	mis, a	67	2	0,25	552	0,21	7,12	2,61	5,74	2	169	5	18	19	4	4	**2**	0,000

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
7/2891		3,80	4,05	0,25	q-Fld,Mu	mis, a	75	2	0,23	452	0,19	7,99	3,14	5,00	5	129	10	9	22	4	5	**8**	0,000
8/2891		4,05	4,65	0,60	gMc		73	2	0,22	401	0,19	7,31	2,71	6,42	5	121	5	17	23	4	4	**2**	0,000
9/2891		4,65	5,00	0,35	q-Fld,Mu & relicts gMc Mu	m-vt, a	71	2	0,28	413	0,24	7,45	2,61	4,98	2	205	8	9	21	4	4	**28**	0,000
10/2891		5,00	6,00	1,00	q-Fld,Mu & relicts gMc	a, c	84	2	0,15	487	0,21	7,62	2,63	7,60	2	167	8	9	19	3	4	**1**	0,000
11/2891		6,00	7,00	1,00	q-Fld,Mu & relicts gMc	a	76	1	0,13	547	0,19	7,45	2,23	8,10	2	169	5	11	18	2	3	**2**	0,000
12/2891		7,00	7,50	0,50	q-Fld,Mu & relicts gMc	m-vt, a	76	2	0,17	432	0,22	7,51	3,02	7,41	6	174	6	11	17	3	4	**2**	0,000
13/2891		7,50	7,90	0,40	q-Fld,Mu & relicts gMc		72	2	0,20	399	0,18	6,23	2,67	5,61	6	136	7	11	19	3	3	**3**	0,000
14/2891		7,90	8,90	1,00	gMc	a	80	3	0,25	624	0,22	7,99	2,73	6,88	2	182	4	19	19	3	4	**2**	0,000
15/2891		8,90	9,25	0,35	q-Fld,Mu & relicts gMc	m-dt, a	75	4	0,57	244	0,16	7,82	2,35	4,28	11	159	24	13	23	5	5	**9**	0,100
16/2891		9,25	9,35	0,10	q-Fld,Mu & relicts gMc	m-dt, a	84	2	1,12	138	0,10	7,81	1,40	4,52	6	134	215	21	23	5	4	**6**	0,100
17/2891		9,35	9,85	0,50	Po-r	Po-r	15	56	0,16	43	0,01	1,44	0,11	0,88	127	27	169	8	6	4	1	**185**	14,000
18/2891		9,85	10,10	0,25	sMu	m, a	62	6	0,47	206	0,09	6,11	0,49	4,42	35	67	136	29	21	4	4	**486**	3,300
19/2891		10,10	11,00	0,90	sMu after gMc?	a	82	2	0,52	351	0,11	7,80	0,37	6,38	2	75	12	35	24	4	5	**4**	0,000
20/2891		11,00	12,00	1,00	sMu & q-Fld	m, a	61	3	0,54	283	0,10	7,42	0,51	6,11	16	111	91	35	25	3	5	**30**	0,400
21/2891		12,00	13,00	1,00	q-Fld,Mu	a	30	2	0,11	175	0,02	3,46	6,86	2,62	2	80	4	12	6	1	1	**1**	0,000
22/2891		13,00	14,00	1,00	q-Fld,Mu	a, c	73	2	0,19	250	0,08	7,10	2,04	4,20	4	118	9	15	17	3	3	**2**	0,000
23/2891		14,00	14,65	0,65	q-Fld,Mu	a	83	1	0,33	151	0,12	7,84	2,98	2,98	2	141	9	34	24	3	4	**2**	0,000
24/2891		14,65	15,80	1,15	gMc Mu	a	107	2	1,00	239	0,14	9,31	1,57	5,80	8	166	11	44	29	4	6	**2**	0,000
25/2891		15,80	16,80	1,00	gMc & s Mu-Fld	m-dt, a	65	3	0,67	152	0,10	7,21	1,91	3,61	11	118	18	35	22	3	5	**5**	0,200
26/2891		16,80	17,80	1,00	sMu-Bi & gMc Ky?	a	68	3	1,45	183	0,11	7,54	1,05	5,31	8	126	10	23	22	5	4	**3**	0,000
27/2891		17,80	18,40	0,60	gMc Mu & q-Fld	m, a	62	2	0,23	227	0,19	7,71	4,26	3,46	2	147	45	24	16	3	4	**12450**	1,400
28/2891		18,40	19,00	0,60	gMc	m, a	96	3	0,23	647	0,22	8,72	2,56	7,29	2	165	9	31	20	3	6	**18**	0,000
29/2891		19,00	20,00	1,00	gMc	m, a, c	108	3	0,31	718	0,25	9,43	2,35	6,88	9	183	15	29	19	4	7	**7**	0,100
30/2891		20,00	20,60	0,60	q-Fld,Mu & relicts gMc	mis, a	81	2	0,19	694	0,18	8,59	1,82	8,01	2	134	8	19	16	3	6	**21**	0,000
31/2891		20,60	21,00	0,40	gMc	mis, a	85	3	0,24	561	0,21	7,87	1,88	6,92	4	139	7	22	16	3	6	**3**	0,000
32/2891		21,00	22,00	1,00	gMc		83	3	0,22	576	0,23	8,06	2,36	6,91	4	148	5	26	19	3	5	**2**	0,000
33/2891		22,00	23,00	1,00	gMc		91	2	0,21	682	0,25	8,53	2,10	8,48	2	157	6	32	20	3	5	**3**	0,000
34/2891		23,00	24,00	1,00	gMc	mis	92	2	0,22	620	0,25	8,56	2,33	8,26	2	167	7	29	19	3	6	**2**	0,000
35/2891		24,00	25,00	1,00	gMc	mis	96	2	0,24	716	0,26	8,88	2,28	8,72	2	159	7	29	22	3	6	**2**	0,000
36/2891		28,80	29,00	0,20	sMu-Bi		116	2	2,14	616	0,29	9,66	0,34	7,66	2	99	7	34	23	5	8	**5**	0,000
37/2891		29,00	29,30	0,30	vb	vb	23	1	0,43	286	0,06	2,64	0,24	2,06	2	23	3	7	6	2	2	**2**	0,000
38/2891		29,30	29,60	0,30	sMu-Bi		88	2	1,51	750	0,24	8,92	1,44	5,85	2	95	5	20	18	7	6	**7**	0,000
39/2891		44,30	44,50	0,20	m-vt + a	m-vt, a	67	2	0,65	406	0,18	6,96	1,81	2,70	2	171	28	22	20	3	5	**970**	0,400
40/2891		45,15	45,30	0,15	m-vt + a	m-vt, a	90	3	1,26	707	0,21	10,86	1,24	6,35	9	220	173	47	38	7	9	**2290**	1,600

Table 2. Analytical results for the drill core samples.

sample	BH	UP	LOW	L m	Rock type	Mineralization type	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	**Au***	Pb+Zn+Cu+Ag
		m	m	m			ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**	wt. %
1/989	9(89)	0,00	0,50	0,50	q-Fld,Mu	m, a	88	5	0,46	317	0,12	7,36	1,83	5,16	2	171	172	27	18	3	4	**2260**	1,300
2/989		0,50	1,05	0,55	q-Fld,Mu	m-dt, a	66	1	0,54	299	0,12	8,01	2,02	4,88	2	144	57	19	22	3	5	**26**	0,100
3/989		1,05	1,50	0,45	sMu-Fld(q?) & sMu-Bi	m-dt, a	60	22	0,48	275	0,10	6,92	1,52	3,98	2	129	87	18	19	3	4	**80**	4,100
4/989		1,50	2,00	0,50	m-Sph-p or m-dt	m-dt	11	138	0,08	67	0,01	1,26	0,24	0,74	32	25	95	5	3	2	1	**392**	11,200
5/989		2,00	2,50	0,50	sMu & q-Fld,Mu	m-dt	41	1	0,25	285	0,05	3,60	0,43	2,51	4	84	288	14	8	2	2	**287**	14,200
6/989		2,50	2,85	0,35	m-Po-r	m-Po-r	2	32	0,03	9	0,01	0,14	0,01	0,05	2	3	59	2	1	13	1	**600**	9,500
7/989		2,85	3,80	0,95	sMu-Fld & sMu-Bi	m	96	4	0,64	450	0,20	8,33	1,69	5,24	6	258	118	34	24	5	6	**38**	0,900
8/989		3,80	4,00	0,20	Po-r	Po-r	1	38	0,03	7	0,01	0,11	0,01	0,02	8	3	61	2	3	14	1	**202**	12,700
9/989		4,00	4,30	0,30	sMu	m-dt	66	2	0,75	313	0,15	6,30	0,96	3,81	2	180	106	30	21	4	5	**255**	0,300
10/989		4,30	5,00	0,70	sMu-Bi		94	2	1,71	635	0,27	8,95	0,57	7,17	2	89	9	34	21	4	7	**4**	0,000
11/989		5,00	6,00	1,00	sMu-Bi	m	103	3	1,77	567	0,26	9,33	0,86	6,26	2	114	111	39	26	5	7	**142**	0,200
12/989		6,00	7,00	1,00	sMu-Bi	mis	90	2	1,35	663	0,29	9,35	1,66	6,57	2	90	27	32	22	5	8	**9**	0,000
13/989		7,00	7,85	0,85	sMu-Bi & gMc		94	3	1,22	661	0,29	9,24	1,78	6,78	2	77	4	29	22	4	7	**1**	0,000
14/989		7,85	9,15	1,30	gMc		104	3	0,93	786	0,27	9,25	1,53	7,66	6	100	9	32	23	3	8	**3**	0,000
15/989		9,15	9,80	0,65	sMu-Bi	mis, a	101	3	1,08	724	0,29	10,16	1,47	6,88	2	187	73	33	26	5	8	**87**	0,100
16/989		9,80	10,60	0,80	sMu-Bi		111	2	1,19	631	0,28	9,91	2,17	6,88	2	173	8	34	22	4	8	**6**	0,000
17/989		10,60	11,20	0,60	q-Fld,Mu	a	109	3	0,64	459	0,26	9,13	2,06	5,86	2	224	29	34	26	4	7	**2**	0,000
18/989		11,20	12,00	0,80	q-Fld,Mu	a	78	1	0,26	257	0,20	8,31	3,35	3,65	2	179	23	29	20	3	4	**2**	0,000
19/989		12,00	13,00	1,00	q-Fld,Mu	a	83	2	0,30	313	0,24	7,75	3,11	3,50	2	223	40	34	20	3	4	**1**	0,000
20/989		13,00	14,00	1,00	q-Fld,Mu & mis	mis	56	3	0,38	780	0,16	7,64	2,72	4,38	2	163	25	24	12	3	4	**2**	0,000
21/989		14,00	14,65	0,65	q-Fld,Mu	utis	79	3	0,47	275	0,20	8,03	2,27	4,14	2	201	16	26	17	3	5	**1**	0,000
22/989		14,65	15,60	0,95	sMu-Bi		60	7	1,31	247	0,08	6,63	0,50	4,45	4	106	16	25	18	4	5	**2**	0,000
23/989		15,60	15,85	0,25	sMu		155	2	1,12	561	0,28	12,03	0,78	8,74	2	274	104	33	35	5	9	**1**	0,100
24/989		15,85	16,05	0,20	m-vt	m-vt	13	46	0,11	151	0,01	1,69	0,22	1,63	12	19	33	3	2	1	1	**525**	14,300
25/989		16,05	16,70	0,65	sMu-Bi		96	3	1,10	604	0,30	9,78	1,86	6,08	2	104	9	33	25	5	8	**4**	0,100
26/989		29,30	29,70	0,40	vb	vb	107	2	1,09	919	0,17	8,74	1,18	9,86	2	75	3	37	16	5	6	**3**	0,000

Table 2. Analytical results for the drill core samples

Notes for the table 2:
Column BH - bore hole (drill hole) number
Column UP - upper margin of the sampled interval
Column LOW - lower margin of the sampled interval
L m - length of the sampled interval
Abbreviations used for the columns rock type and mineralization type:
s - schist
g - gneiss
q - quartzite or "quartzite like rock"
Py - pyrite massive ore
Po - pyrrhotite massive, "conglomerate like" and breccia ore
Bi-Po - poor breccia and laminated pyrrhotite ore with coarse biotite (or phlogopite?)
m-Py & m-Po - mobilizate type veinlets and coarse grained galena segregation's within massive ore, and/or mobilizate type veinlets and dissemination along the contacts of massive ore within the same interval
m-vt - mobilizate type veinlets with base metal sulfides
m-dt - mobilizate type disseminated sulfide mineralization
m - mobilizate type veinlets and dissemination are present in a sampled interval
mis - mobilizate type iron sulfides (pyrite, pyrrhotite, chalcopyrite occasionally)
vb - vein barren: sulfide free veins and veinlets of quartz, quartz-feldspar, occasionally with garnet, carbonate, chlorite, kyanite
wrpPo - wall rock probably primary pyrrhotite, in graphite rich rocks commonly
wrpPy - wall rock probably primary pyrite, in quartzites commonly
wrps - wall rock probably primary pyrite and pyrrhotite
ut - unknown type sulfide dissemination
a - alteration: postmetamorphic feldspar dominant or muscovite dominant hydrothermal alteration
c - latest carbonate and/or chlorite postmetamorphic alteration or carbonate-chlorite veinlets with minor pyrrhotite and chalcopyrite occasionally
Py-r & Po-r - rich ore: more then 50 vol.% of total sulfides are present in the sampled interval with pyrite and pyrrhotite massive ore
Py-p & Po-p - poor ore: 10-50 vol.% of total sulfides are present in the sampled interval with pyrite and pyrrhotite massive ore
Py-d & Po-d - disseminated ore: less then 10 vol.% of total sulfides are present in the sampled interval with pyrite and pyrrhotite massive ore

Abbreviations for minerals that are used in the columns "rock type" and "mineralization type":

Mu - muscovite
Bi - biotite
Q - quartz
Grph - graphite
Ga - garnet
Mi - mica
Mc microcline
Ky - kyanite
St - staurolite
Tou - tourmaline
Py - pyrite
Po - pyrrhotite
Ars - arsenopyrite
Sph - sphalerite
Chl - chalcopyrite

Table 3. Analyses of the NGU's control samples obtained from ACME

Sample number in the ACME's sheet	Sample number from NGU	NGU Cu ppm	ACME Cu ppm	NGU Zn ppm	ACME Zn ppm	NGU Ag ppm	ACME Ag ppm	NGU Au ppb	ACME Au* ppb	NGU Ni ppm	ACME Ni ppm	NGU Co ppm	ACME Co ppm	NGU Fe wt.%	ACME Fe %	NGU As ppm	ACME As ppm
56/190 PULP	PTC-1a 62	13510	12084	no data	113	5,60	4,9	131	169	10130	13335	300,00	46	3,46	7,43	no data	15
42/290 PULP	PTM-1 47	no data	30594	no data	42	6,60	5,6	180	137	no data	43355	no data	911	no data	4,12	no data	23
43/290 PULP	CH-3 64	650	490	10,93	33	0,18	<0,5	93	51	no data	2234	16,33	87	0,84	4,87	10,2	< 5
47/490 PULP	CH-3 64	830	720	16,40	34	0,26	<0,5	140	89	no data	2309	24,50	94	1,27	5,16	14,3	< 5
150/590 PULP	PTM-1 47	no data	20917	no data	26	4,40	4	120	143	no data	32879	no data	604	no data	4,44	no data	30
151/590 PULP	CH-2 57	no data	2344	no data	178	2,42	2,1	133	133	no data	2178	no data	149	no data	6,97	no data	< 5
27/989 PULP	PTC-1a 62	9000	8679	no data	87	3,73	3,4	87	61	6750	9141	200,00	233	2,31	6,35	no data	< 5
36/2491 PULP	MA-3 63	no data	16	no data	30	no data	0,6	1.498	1502	no data	2211	no data	71	no data	4,16	no data	< 5
41/2891 PULP	MA-2 51	no data	20	no data	35	no data	0,7	372	499	no data	2129	no data	70	no data	4,32	no data	< 5
43/3993 PULP	MA-2 51	no data	16	no data	36	no data	<0,5	486	159	no data	2031	no data	87	no data	4,32	no data	< 5
44/3993 PULP	CH-3 64	1660	1593	32,80	58	0,53	0,8	280	209	no data	1816	49,00	114	2,53	5,83	28,6	6

Table 4. Analyses of the ACME's inner standards CT (for Mo-Sc) and AU*-R (for Au* ppb)

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	**ppb**
1	17	50	38	128	6,1	61	26	1059	4,36	27	17	5	38	217	17	16	20	104	1,14	0,102	37	94	1,17	890	0,32	6,56	1,61	1,89	20	52	15	11	9	1	15	**456**
2	17	55	37	136	6,5	70	30	1144	4,40	35	20	6	42	233	17	13	21	109	1,23	0,108	39	99	1,22	887	0,30	6,94	1,63	1,95	20	55	18	12	6	0,5	15	**530**
3	16	52	39	129	5,9	60	27	1054	4,34	26	19	5	39	223	17	21	20	104	1,20	0,099	37	98	1,20	851	0,31	6,82	1,53	1,92	20	59	16	11	8	1	15	**498**
4	17	57	35	121	5,7	63	28	1057	4,34	26	18	5	38	226	16	16	18	104	1,20	0,104	37	94	1,20	901	0,32	6,89	1,61	1,89	18	54	17	10	9	0,5	15	**470**
5	18	52	39	130	5,7	64	28	1128	4,39	26	18	5	40	228	17	18	23	106	1,17	0,103	39	95	1,19	860	0,31	7,01	1,62	1,93	20	55	14	11	8	0,5	15	**480**
6	18	52	41	124	6	66	28	1101	4,36	30	17	5	43	233	17	18	19	108	1,22	0,105	41	95	1,23	888	0,32	7,03	1,63	1,93	19	59	15	12	8	1	15	**464**
7	19	56	35	126	6,2	68	30	1141	4,34	36	20	5	43	234	17	18	22	112	1,19	0,103	40	102	1,23	922	0,34	7,03	1,64	1,93	22	59	16	11	8	1	15	**467**
8	17	62	37	139	5,6	66	28	1106	4,36	29	14	5	40	223	19	23	22	108	1,17	0,103	40	103	1,20	898	0,30	6,80	1,49	1,93	20	57	16	11	8	0,5	14	**510**
9	17	50	37	139	5,9	65	28	1097	4,29	28	17	5	39	214	16	15	19	107	1,15	0,097	38	94	1,18	873	0,32	6,84	1,59	1,87	20	57	15	10	9	1	14	**450**
10	15	61	37	137	5,7	65	27	1081	4,34	32	12	4	39	230	17	24	19	107	1,20	0,105	40	96	1,19	864	0,31	6,72	1,54	1,88	24	56	14	11	10	0,5	15	**480**
11	17	51	38	131	5,8	64	29	1132	4,50	35	17	2	39	230	17	15	22	110	1,19	0,107	38	105	1,26	875	0,34	7,14	1,67	2,00	21	57	18	11	9	1	15	**545**
12	18	53	37	123	5,8	66	28	1095	4,34	29	13	2	41	230	17	13	24	107	1,21	0,103	36	99	1,20	881	0,31	6,89	1,57	1,86	22	48	16	11	6	1	15	**497**
13	19	53	38	128	6	68	29	1124	4,39	36	19	5	42	221	18	23	20	112	1,19	0,104	40	103	1,20	855	0,33	6,99	1,63	1,93	26	58	18	11	8	1	15	**470**
Composition of the ACME's standartds: CT for Mo - Sc and AU*-R for Au*																																				
	19	53	40	132	6,3	67	n.d.	1128	4,41	31	22	4	39	234	17	17	17	106	1,21	0,105	39	100	1,22	933	0,33	7,02	1,63	1,93	24	58	18	10	10	n.d.	15	**500**
Note: n.d. - no data																																				

Table 5. Repeated analyses obtained from ACME

	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Y	Nb	Be	Sc	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Samples																																				
8/190	< 2	13	233	44	0,9	3	< 2	13	0,27	< 5	< 10	< 4	27	45	< ,4	< 5	5	4	0,18	0,007	43	< 2	0,06	172	0,03	4,85	2,64	3,03	< 4	94	2	31	13	2	2	4
8/190	< 2	15	246	51	0,6	2	< 2	13	0,29	< 5	< 10	< 4	29	49	0,5	< 5	< 5	5	0,19	0,008	47	< 2	0,06	184	0,03	5,05	2,69	3,05	< 4	96	3	33	13	2	2	3
40/190	< 2	5	61	182	< ,5	4	< 2	61	1,32	142	22	< 4	46	110	0,5	< 5	< 5	6	0,37	0,016	71	< 2	1,38	126	0,10	7,95	2,53	3,41	< 4	150	7	29	25	5	4	3
40/190	< 2	7	54	181	< ,5	7	< 2	91	1,62	168	20	< 4	47	111	0,5	< 5	< 5	7	0,37	0,016	73	< 2	1,36	127	0,10	7,99	2,49	3,36	< 4	141	5	30	24	5	5	1
33/290	9	3580	16176	36462	20,5	5	17	378	13,26	< 5	< 10	< 4	21	49	94,3	83	18	14	0,25	0,008	28	6	1,05	98	0,06	4,40	0,75	1,96	< 4	78	147	13	17	1	3	30
33/290	9	3508	15897	35702	19,6	6	17	373	13,23	8	< 10	< 4	20	47	93,3	87	14	13	0,24	0,010	26	14	0,96	95	0,06	4,24	0,73	1,87	< 4	77	143	14	17	2	3	21
21/490	< 2	6	83	72	< ,5	< 2	< 2	30	1,50	< 5	< 10	< 4	48	66	< ,4	< 5	< 5	3	0,35	0,007	48	< 2	1,75	201	0,07	7,57	1,48	3,47	< 4	119	9	15	26	5	3	1
21/490	< 2	6	84	70	< ,5	< 2	< 2	29	1,49	6	< 10	< 4	46	64	< ,4	< 5	< 5	2	0,33	0,009	46	< 2	1,72	194	0,07	7,39	1,43	3,32	6	114	8	15	27	5	3	1
4/590	< 2	132	32	117	< ,5	36	20	3610	7,26	< 5	< 10	< 4	11	133	< ,4	< 5	12	105	0,25	0,055	36	64	1,38	792	0,54	8,24	0,93	4,15	< 4	67	< 2	24	14	2	19	1
4/590	< 2	137	34	119	< ,5	38	21	3762	7,40	< 5	< 10	< 4	12	135	0,7	7	10	106	0,26	0,058	36	67	1,40	801	0,55	8,33	0,94	4,21	6	69	< 2	25	14	2	19	< 1
45/590	< 2	5	5	< 2	< ,5	4	< 2	59	0,75	< 5	< 10	< 4	3	13	< ,4	< 5	< 5	< 2	0,12	0,010	7	2	0,05	29	< ,01	0,65	0,18	0,21	< 4	16	< 2	2	2	< 1	< 1	1
45/590	< 2	3	< 5	< 2	< ,5	3	< 2	61	0,78	< 5	< 10	< 4	2	11	< ,4	< 5	< 5	< 2	0,11	0,009	7	3	0,04	23	< ,01	0,59	0,17	0,19	< 4	12	< 2	2	2	< 1	< 1	1
60/590	2	2	36	57	< ,5	3	3	181	2,76	21	10	< 4	38	220	0,5	12	5	26	1,45	0,063	101	3	0,89	765	0,26	9,02	1,81	7,53	11	68	5	32	25	6	7	1
60/590	< 2	3	35	54	< ,5	3	3	159	2,52	14	15	< 4	38	216	0,5	< 5	< 5	25	1,43	0,058	96	2	0,86	744	0,26	8,86	1,78	7,35	6	66	5	31	23	6	7	1
93/590	20	604	21589	67624	14,6	8	41	587	21,71	40	< 10	< 4	24	35	206	80	13	15	0,20	0,011	26	< 2	0,69	90	0,05	4,12	0,46	2,12	19	80	261	19	19	10	3	50
93/590	23	613	21888	68562	15,1	3	41	590	21,94	35	< 10	< 4	22	34	207	92	21	15	0,19	0,009	21	< 2	0,67	82	0,04	3,93	0,46	2,10	18	82	259	17	19	9	3	43
144/590	< 2	140	21	75	0,5	42	31	4203	5,16	< 5	< 10	< 4	9	65	< ,4	< 5	< 5	92	0,17	0,049	31	44	1,33	886	0,53	7,55	1,16	3,69	< 4	77	< 2	18	12	2	18	3
144/590	< 2	156	22	83	< ,5	45	33	4356	5,38	< 5	< 10	< 4	10	65	< ,4	< 5	< 5	95	0,17	0,051	33	50	1,38	919	0,55	7,84	1,20	3,84	4	80	< 2	20	13	2	19	3
24/989	81	2207	40784	99999	379	2	4	218	3,58	6	12	< 4	7	37	396	397	491	3	0,07	0,008	13	46	0,11	151	< ,01	1,69	0,22	1,63	12	19	33	3	2	< 1	< 1	525
24/989	110	2094	39385	99999	359	3	3	201	3,38	< 5	< 10	< 4	5	34	377	371	457	3	0,06	0,008	12	39	0,09	126	0,01	1,55	0,20	1,52	10	18	30	3	2	< 1	< 1	632
4/2891	< 2	51	2432	93	7,3	3	< 2	145	2,14	11	< 10	< 4	22	134	0,5	8	10	19	0,77	0,050	49	2	0,30	360	0,19	6,33	2,88	3,44	< 4	165	7	10	16	4	4	4
4/2891	< 2	53	2520	94	7,4	< 2	< 2	161	2,32	17	< 10	< 4	22	140	0,5	12	10	20	0,80	0,053	52	2	0,31	379	0,20	6,82	3,02	3,60	7	173	7	11	18	4	4	2
36/2891	< 2	6	29	94	< ,5	3	4	193	3,23	19	14	< 4	45	123	0,6	< 5	< 5	25	0,85	0,063	116	2	2,14	616	0,29	9,66	0,34	7,66	< 4	99	7	34	23	5	8	5
36/2891	< 2	8	28	93	0,5	5	4	192	3,23	20	23	< 4	47	125	0,5	< 5	< 5	26	0,89	0,069	123	2	2,18	629	0,29	9,88	0,34	7,72	< 4	102	8	36	23	5	8	2
23/3993	3	15	69	96	< ,5	8	< 2	107	1,56	< 5	< 10	< 4	60	173	< ,4	6	< 5	54	0,82	0,074	26	4	1,64	175	0,04	8,20	2,17	2,83	6	125	13	19	40	6	2	2
23/3993	2	13	66	97	0,5	9	< 2	117	1,65	< 5	< 10	< 4	62	171	0,5	8	< 5	53	0,81	0,074	26	5	1,64	176	0,04	8,09	2,13	2,84	5	117	12	18	40	6	2	1

Table 6. Correlation coefficients for 434 samples from the ore zone. Data from the table 2.

	Ti	Al	Fe	Mn	Ca	Mg	Na	K	P	Ba	Sr	Y	Zr	Nb	Th	Pb	Zn	Cu	Ni	V	Cr	Sc	Co	Be	U	W	Sn	Mo	Ag	Au	Cd	As	Sb	Bi
La	0,32	0,76	-0,46	-0,31	0,38	0,00	0,33	0,80	0,20	0,40	0,61	0,62	0,67	0,27	0,48	-0,41	-0,44	-0,27	-0,37	-0,14	-0,49	0,06	-0,42	0,11	0,14	-0,09	-0,23	-0,35	-0,24	0,00	-0,40	-0,06	-0,10	-0,26
Bi	-0,19	-0,38	0,42	0,04	-0,07	0,04	-0,15	-0,27	-0,10	-0,18	-0,15	-0,28	-0,16	-0,32	-0,25	0,71	0,52	0,39	0,05	-0,04	0,24	-0,14	0,17	-0,01	0,00	0,15	0,36	0,50	0,76	0,10	0,50	0,05	0,39	
Sb	-0,16	-0,18	0,22	-0,03	0,01	0,01	-0,10	-0,16	-0,08	-0,15	-0,01	-0,08	-0,04	-0,13	-0,12	0,49	0,30	0,35	0,00	-0,07	0,09	-0,12	0,04	0,03	-0,06	0,09	0,45	0,23	0,65	0,47	0,30	0,25		
As	-0,15	-0,07	0,12	-0,07	0,05	0,03	-0,08	-0,12	-0,02	0,03	0,03	0,06	0,04	-0,04	0,01	0,12	0,13	0,06	-0,02	0,02	0,04	-0,08	0,05	0,03	0,03	0,10	0,10	0,10	0,11	0,06	0,13			
Cd	-0,31	-0,63	0,70	-0,01	-0,24	-0,12	-0,37	-0,38	-0,17	-0,32	-0,37	-0,38	-0,35	-0,36	-0,41	0,76	0,95	0,49	0,04	-0,08	0,52	-0,27	0,44	0,11	0,02	0,37	0,46	0,66	0,52	0,05				
Au	-0,02	-0,01	0,02	-0,03	0,01	-0,04	0,09	-0,03	0,00	-0,05	0,03	0,01	0,00	-0,03	-0,05	0,13	0,04	0,14	0,00	-0,03	0,00	-0,04	-0,02	0,00	-0,04	0,01	0,09	0,03	0,47					
Ag	-0,21	-0,40	0,43	-0,04	-0,12	-0,09	-0,20	-0,25	-0,11	-0,21	-0,19	-0,23	-0,21	-0,26	-0,27	0,72	0,54	0,46	0,08	-0,06	0,20	-0,20	0,10	0,05	-0,03	0,20	0,42	0,52						
Mo	-0,19	-0,48	0,59	0,06	-0,14	-0,08	-0,29	-0,33	0,02	-0,15	-0,25	-0,25	-0,30	-0,33	-0,36	0,57	0,68	0,44	0,22	0,11	0,43	-0,13	0,30	0,09	0,04	0,23	0,28							
Sn	-0,28	-0,28	0,39	-0,05	-0,13	0,13	-0,31	-0,22	-0,18	-0,29	-0,29	-0,15	-0,06	-0,01	-0,09	0,64	0,50	0,48	-0,08	-0,10	0,11	-0,21	0,18	0,04	-0,10	0,18								
W	-0,15	-0,18	0,33	-0,07	-0,12	-0,06	-0,23	-0,08	-0,07	-0,14	-0,19	-0,08	-0,10	-0,03	-0,09	0,31	0,39	0,30	0,00	-0,07	0,15	-0,14	0,07	0,12	-0,02									
U	0,04	0,03	0,03	0,01	0,08	-0,03	-0,04	0,07	0,09	0,11	0,08	0,21	0,06	-0,02	0,06	-0,02	0,03	-0,01	0,06	0,06	0,07	0,05	0,07	0,06										
Be	-0,18	0,07	0,24	-0,23	0,05	0,00	-0,04	0,02	-0,09	-0,13	0,10	0,08	0,08	0,36	0,30	0,12	0,11	0,28	-0,21	-0,20	-0,20	-0,27	-0,16											
Co	0,31	-0,34	0,53	0,59	-0,20	0,12	-0,36	-0,27	0,04	0,09	-0,31	-0,20	-0,38	-0,48	-0,63	0,40	0,50	0,07	0,55	0,35	0,70	0,43												
Sc	0,89	0,37	-0,12	0,80	0,01	0,24	-0,13	0,20	0,33	0,64	0,16	0,29	-0,03	-0,29	-0,40	-0,28	-0,29	-0,16	0,75	0,63	0,47													
Cr	0,33	-0,38	0,51	0,59	-0,19	-0,01	-0,42	-0,30	0,28	0,16	-0,31	-0,17	-0,51	-0,53	-0,71	0,38	0,50	0,28	0,73	0,59														
V	0,51	0,08	0,02	0,52	0,13	0,08	-0,19	0,01	0,78	0,51	0,03	0,24	-0,19	-0,31	-0,38	-0,10	-0,09	-0,05	0,79															
Ni	0,57	-0,11	0,26	0,76	-0,11	0,08	-0,32	-0,17	0,44	0,38	-0,17	0,03	-0,41	-0,47	-0,63	0,05	0,05	0,10																
Cu	-0,20	-0,38	0,60	0,07	-0,07	0,16	-0,23	-0,26	-0,11	-0,24	-0,26	-0,18	-0,16	-0,18	-0,27	0,60	0,53																	
Zn	-0,34	-0,68	0,80	-0,02	-0,26	-0,13	-0,41	-0,41	-0,19	-0,35	-0,41	-0,40	-0,38	-0,37	-0,43	0,83																		
Pb	-0,33	-0,62	0,76	0,00	-0,15	-0,04	-0,37	-0,40	-0,18	-0,34	-0,35	-0,37	-0,32	-0,35	-0,39																			
Th	-0,32	0,58	-0,53	-0,57	0,15	0,09	0,33	0,33	-0,15	-0,11	0,34	0,28	0,51	0,82																				
Nb	-0,18	0,48	-0,42	-0,39	0,01	0,09	0,10	0,28	-0,19	-0,16	0,09	0,30	0,27																					
Zr	0,09	0,61	-0,39	-0,31	0,28	0,20	0,46	0,45	0,07	0,31	0,53	0,37																						
Y	0,40	0,60	-0,34	-0,01	0,37	0,03	0,04	0,57	0,38	0,44	0,42																							
Sr	0,28	0,59	-0,40	-0,14	0,54	0,09	0,45	0,42	0,26	0,55																								
Ba	0,71	0,51	-0,24	0,37	0,26	0,10	0,06	0,46	0,50																									
P	0,36	0,21	-0,11	0,14	0,37	0,02	0,02	0,24																										
K	0,48	0,72	-0,40	-0,10	0,21	-0,04	0,09																											
Na	-0,01	0,34	-0,44	-0,23	0,35	-0,10																												
Mg	0,11	0,21	-0,02	0,27	0,29																													
Ca	0,09	0,29	-0,22	-0,11																														
Mn	0,66	0,01	0,18																															
Fe	-0,17	-0,63																																
Al	0,51																																	

Table 7. Microprobe analyses of silver-gold alloys, native bismuth and arsenic, allargentum and jalpaitte.

SAMPLE/GRAIN LABEL	MINERAL	Au	Ag	Cu	Hg	As	Sb	Bi	Ge	S	Total	Formula
1-989/1-1 dark	electrum	61,15	38,34	0,85	0,30	0,00	0,00	n.a	0,00	0,00	100,64	
1-989/1-1 light	gold	88,07	11,80	0,92	0,00	0,00	0,00	n.a	0,00	0,00	100,79	
10-1-490/1	bismuth	0,00	0,00	0,00	0,00	0,00	1,08	100,30	n.a.	0,00	101,38	
188a95/I (1)	gold	83,81	13,72	0,00	0,00	0,00	0,00	n.a	0,00	0,59	98,11	
188a95/II (7)	Hg bearing electrum	51,33	47,76	0,00	0,51	0,00	0,00	0,00	0,00	0,05	99,65	
188a95/III (9)	Hg rich electrum	41,42	52,98	0,00	5,06	0,00	0,00	0,18	n.a	0,09	99,73	
20-8894/1-1 yellow core	gold	82,58	15,60	0,00	0,00	0,00	0,00	n.a	0,00	0,00	98,18	
20-8894/1-3 white rim	Hg rich electrum	31,76	60,77	0,00	5,32	0,00	1,02	n.a	0,00	0,00	98,87	
20-8894/1-4 outer rim	allargentum	2,00	80,78	0,00	0,00	0,06	16,03	n.a	0,00	0,00	98,87	$(Ag_{5,65}Au_{0,08})_{5,73}(Sb_{0,99}As_{0,01})_{1,00}$
20-8894/2-4 core - light in b.s.e	Hg rich electrum	28,66	64,80	0,11	6,03	0,00	0,96	n.a	0,00	0,04	100,60	
20-8894/2-2 periphery - dark in b.s.e	Hg rich electrum	13,25	76,10	0,00	7,15	0,00	1,87	n.a	0,00	0,05	98,42	
20-8894/2-1	allargentum	1,33	81,69	0,53	0,00	0,08	14,97	n.a	0,00	0,04	98,64	$(Ag_{6,11}Au_{0,05}Cu_{0,07})_{6,23}(Sb_{0,99}As_{0,01})_{1,00}S_{0,01}$
27-2-2891/3-4	Hg bearing electrum	65,39	32,94	0,00	1,25	0,00	0,00	n.a	0,00	0,00	99,58	
27-2-2891/4-1	gold	80,39	20,87	0,00	0,15	0,00	0,00	n.a	0,00	0,00	101,41	
27-2-2891/5-1	gold	84,41	13,56	0,00	0,40	0,00	0,00	n.a	0,00	0,00	98,37	
27-2-2891/7-1	Hg bearing electrum	59,48	39,63	0,00	1,77	0,00	0,00	n.a	0,00	0,00	100,88	
27-2-2891/8-1	gold	78,11	22,87	0,07	0,16	0,00	0,00	n.a	0,00	0,00	101,21	
27-2-2891/9-1	Hg bearing electrum	66,75	32,11	0,12	1,22	0,00	0,00	n.a	0,00	0,00	100,20	
27-2-2891/9-2	Hg bearing electrum	66,23	32,88	0,00	1,09	0,00	0,00	n.a	0,00	0,00	100,20	
27-2-2891/10-1	Hg bearing electrum	28,54	71,59	0,35	0,18	0,00	0,25	n.a	0,00	0,04	100,95	
27-2-2891/10-2	electrum	59,68	41,14	0,00	0,00	0,00	0,00	n.a	0,00	0,00	100,82	
27-2-2891/11-1 scan	jalpaitte	0,00	67,66	13,02	0,00	0,00	0,00	n.a	0,00	12,41	93,09	$(Ag_{3,09}Cu_{1,01})_{4,10}S_{1,91}$
28-8894 average from 4	allargentum	0,00	86,05	0,48	0,00	0,14	13,81	0,00	0,00	0,27	100,75	$(Ag_{6,92}Cu_{0,07})_{6,99}(Sb_{0,98}As_{0,02})_{1,00}S_{0,07}$
28-8894/1-5	silver with Sb	0,00	97,03	0,00	n.a	0,05	3,19	n.a	0,00	n.a	100,27	
28-8894/1-8	arsenic	0,00	0,00	0,05	0,00	100,15	0,00	0,00	0,00	n.a	100,20	
28-8894/2-1	arsenic with Sb & Cu	0,00	0,16	2,12	0,00	94,26	4,27	n.a	0,00	0,08	100,89	
28-8894/3-1	silver	0,00	100,02	0,00	0,18	0,27	0,00	0,00	0,00	0,00	100,47	
28-8894/3-2 average from 3	electrum	68,97	30,48	0,00	0,00	0,00	0,00	n.a	0,00	0,00	99,45	
40-2891/1-1	gold	80,15	19,76	0,00	0,00	0,00	0,00	n.a	0,00	0,00	99,91	

Notes: n.a - not analyzed for; 0,00 - below detection limit

Analyses were performed at the IKU, Trondheim, on the microprobe Jeol Superprobe 733.

Conditions: 25 kW, 24 nA

Standards: pure metals for Au, Ag, Cu, As, Sb, Bi, Ge; HgS and $CuFeS_2$ for Hg and S respectively.

Lines employed: AuMα, AgLα, CuKα, AsLα, SbLα, BiMα, GeLα, HgMβ, SKα

Jalpaitte was clearly melting under the electron beam. Thus it can explain the deficit of sulfur in the analyze obtained