PART II PARTICULARS

Chapter 1 Survey Method

Geological and drilling surveys at the quantities indicated in Table I-1-1 were conducted in the promising districts selected in the surveys both in Phase I and II.

The field survey was conducted on a scale of 1:2,000 by preparing topographic maps using a pocket compass and measuring tape. Observation findings were recorded on the route map as accurately as possible, and outcrops of particular importance were sketched at a 1:500 scale and photographed in color.

The geological survey findings were compiled on a 1:5,000-scale map.

Rocks collected at sites as the geochemical sample media were sent to the laboratory of ASA (Alex Stewart Assayers) in Oruro for crushing, grinding and sample preparation. The prepared samples were sent to ASA, UK for assay.

The diamond wire line method was used for the drilling survey, and the minimum core diameter was NQ. All core sampling was tried to be recovered, and recovery rates higher than 99% could be achieved.

The recovered cores were logged in detail on a scale of 1: 200 and placed in core boxes marked with the recovery depth, drill hole number and other information.

The cores of altered parts or mineralized parts were split into half, and halves were sent for chemical analysis. After the field survey, the cores were moved to the warehouse of SERGEOMIN in La Paz.

Results of chemical analysis of the samples collected in the Phase III survey was studied using “threshold values” obtained in statistical processing performed in Phase I and II.

Chapter 2 Results of Survey by District

2-1 Turaquiri District (Fig.II-2-1(1), -1(2), -1(3))

(1) Geology (Fig.II-2-1(1))

The area is underlain by sedimentary rocks (Tar) of middle to late Miocene, Mauri Tuffs (Tma), Turaquiri Tuffs (Ttr), Chingurani Lavas (Tch) and andesite intrusives of Miocene to Pliocene ages in ascending order.

Sedimentary rocks are distributed in the northeastern part of the survey area. Fine-grained to coarse-grained sandstone and granule reddish brown to reddish gray conglomerate were observed. Under the microscope, sandstone contained many rock fragments such as andesite, dacite, rhyolite and welded tuff, and mineral fragments like quartz, plagioclase and a small amount of biotite (No. 7617).

Mauri Tuffs are seen from the northeastern part to the center part in the survey area and are white to gray dacitic lapilli tuff and tuff breccia. At the northeastern part, tuffs contain fragments of gneiss and granite about 30 cm in diameter. Under the microscope, rock fragments such as pumice, andesite, dacite, rhyolite and welded tuff, and mineral fragments such as quartz, plagioclase, hornblende, biotite and volcanic shards are observed (No. 7612, No. 7616).

Turaquiri Tuffs are found in some areas in the southeastern part of the survey area. Tuff is grayish white biotite-rhyolitic welded tuff and contained pumice, dacite, andesite and sandstone as rock fragments, and quartz, potassium feldspar, plagioclase, biotite and volcanic shards as mineral fragments (No. 7618). The K-Ar age of 5.51 ±0.11Ma.was shown for this tuff from Phase I study.

Chingurani Lavas are distributed in the western part of the survey area and consist of andesite lava and gray to dark gray andesitic lapilli tuff - tuff breccia. Tuffs contain a large number of andesite fragments and mineral fragments such as plagioclase, biotite, hornblende. and rare quartz (No. 7613, No. 7958).

Intrusive rock is found in the southern, central-eastern and northern parts, and is a gray to dark gray, medium to coarse grained biotite - hornblende andesite (No. 7964, 7983, No. 7985).

The faults, veins and fractures with ENE-WSW and WNW-ESE trends are dominant in this area , while the NW-SE and NE-SW trends are partially observed.

(2) Alteration (Fig.II-2-1(2))

Silicification and argillization are observed.

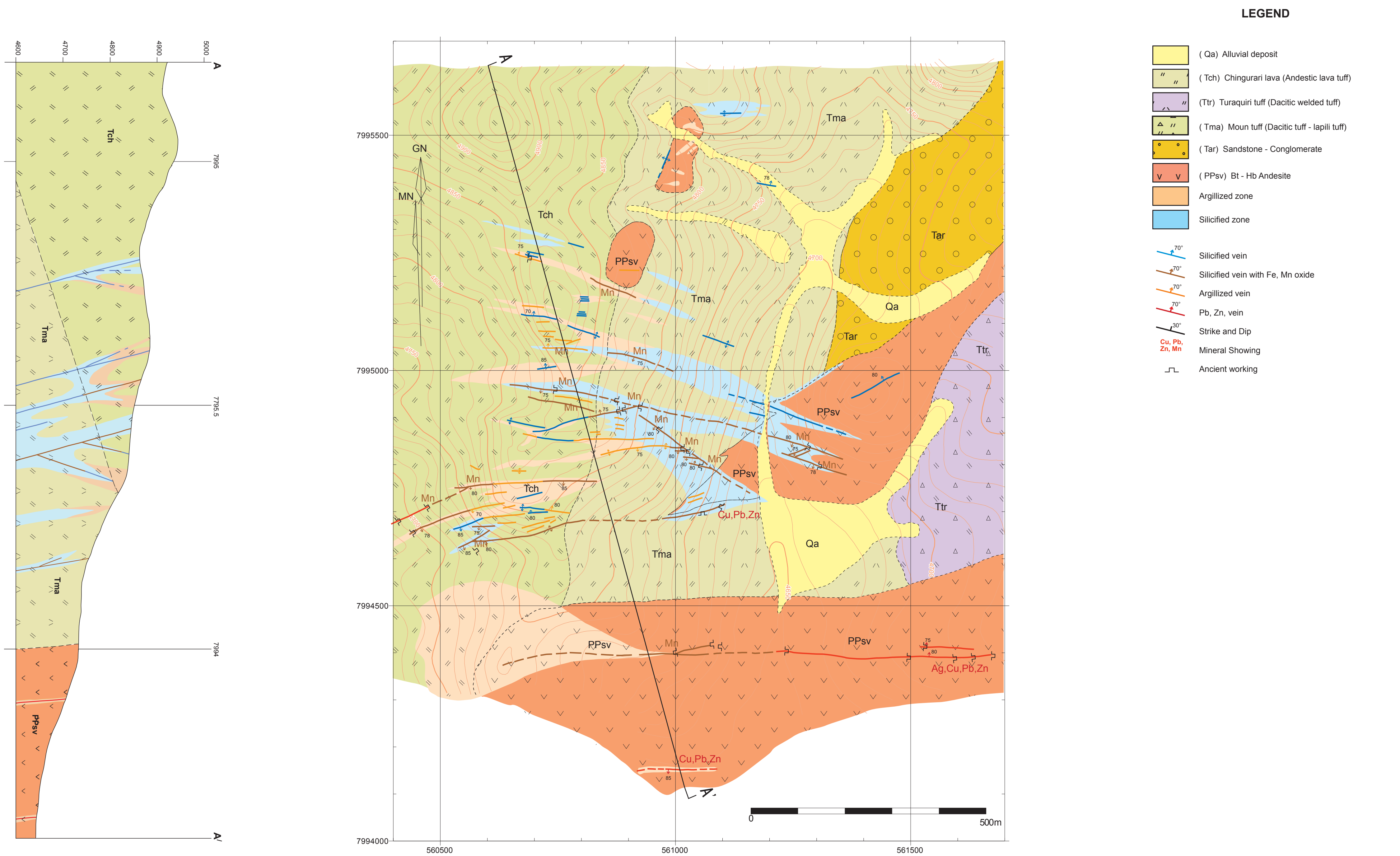


Fig. II-2-1(1) Geological Map of the Turaquiri District

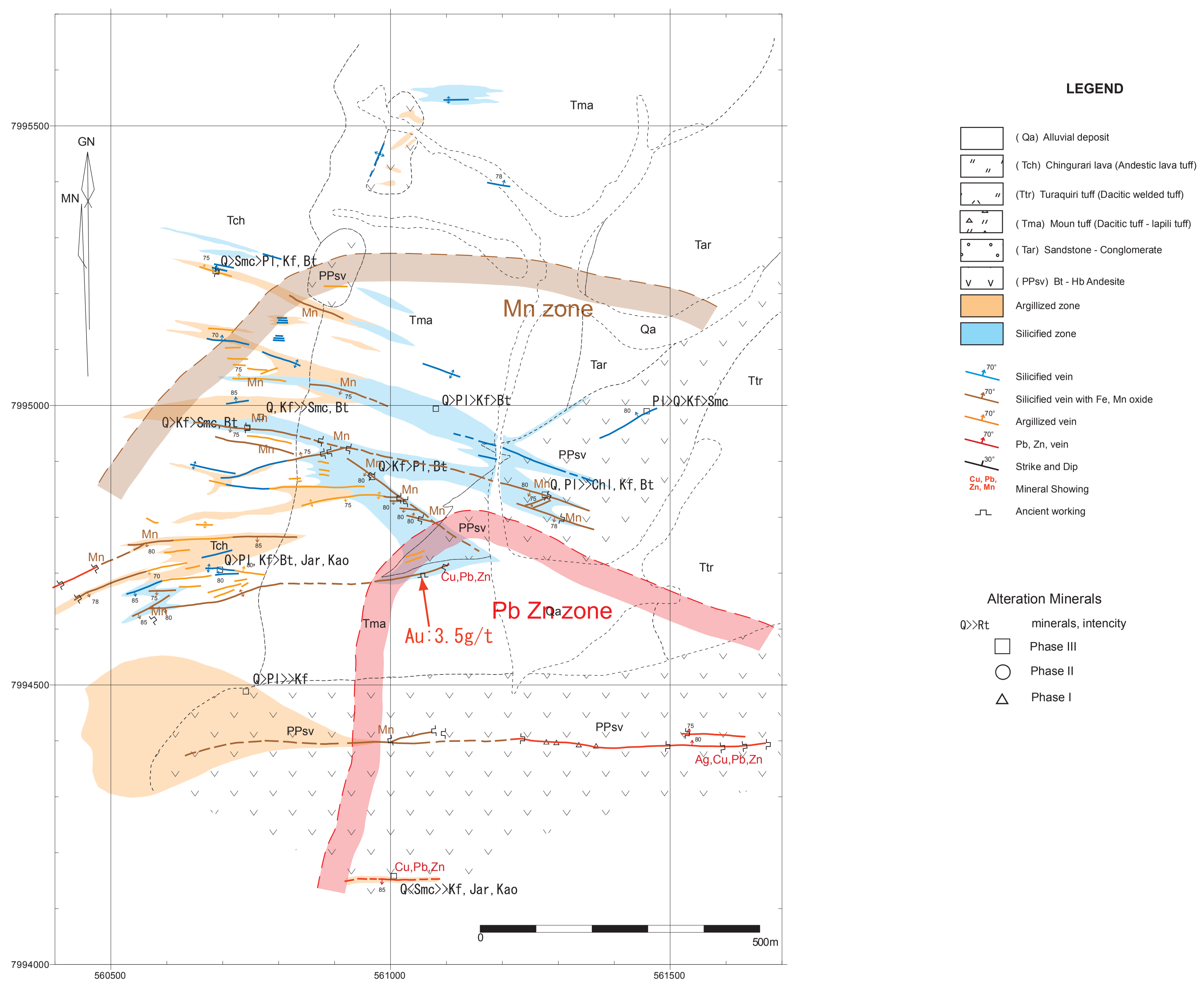


Fig. II-2-1(2) Alteration Map of the Turaquiri District

Silicification occurs especially along ore veins and fractures from the center part to the eastern part of the survey area. However, its zone is narrow.

Argillization is distributed on a small scale enclosing clay, silica and manganese veins mainly in the western part of the survey area. The widths of the argillized zones tend to increase toward the west.

Alteration minerals such as quartz, kaolin, chlorite, smectite and jarosite are observed. Quartz and smectite are abundant.

(3) Mineralization (Fig.II-2-1(1))

In the Phase III survey it is confirmed that the western extension of the known Turaquiri ore vein changed to a manganese vein. At a more western part, the vein disappeared and only an argillized zone is observed.

A large number of ore veins were confirmed in the northwestern part of the known ore vein. The veins were dominant in the ENE - WSW and WNW - ESE directions and the NW - SE and NE - SW directions are also observable. The veins reach a maximum 3 m in width. However, generally, many veins have only several ten centimeters width. A network and/or dissemination type mineralization is not observed.

Variations in ore minerals were confirmed. Centering on the Turaquiri Vein, the veins changed from lead and zinc to manganese towards the northwest and clay veins farther in that direction.

Gold showing with 3.5 g/t was obtained in the Phase III survey (No. 7963).

In Phase III, five ore samples were collected for chemical analysis.

Results of chemical analysis are as follows:

Au: <2 ppb - 3,528 ppb, Ag: 12.1 ppm - 337.0 ppm, Cu: 38 ppm - 4,730 ppm, Pb: 1,477 ppm - 98,700 ppm, Zn: 703 ppm - 34,513 ppm, As: 33 ppm - 123 ppm, Sb: <5 ppm - 140 ppm, Hg: <1 ppm, Mo: 3 ppm - 12 ppm, Ba: 95 ppm - 9,707 ppm, Sn: <5 ppm.

Under the microscope, ore minerals such as sphalerite, galena, chalcopyrite and pyrite are commonly observed. Minerals were found in the following samples: a very small amount of marcasite, a small amount of cerussite (No. 7963, No. 7966), very small amounts of copper minerals such as covelline (No. 7605, No. 7610), chalcocite (No. 76065) and tetrahedrite (No. 7605), very small amounts of silver minerals such as argentite (No. 7966) and polybasite (No. 7610), and gold minerals such as electrum (No. 7963) and uytenbogaardtite (Ag_3AuS_2: No. 7963). Goethite, hematite and manganese oxide are oxide minerals.

(4) Results of Geochemical Analysis (Fig.II-2-1(3))

A total of 51 rock samples were collected in this survey area.

The minimum, maximum and average values for each element are shown in Table II-2-1.

Table II-2-1 Result of Chemical Analysis (Turaquiri)

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
Min.	<2	<0.5	<2	<3	14	<5	<5	<1	<1	120	<5
Max.	339	153.5	398	9,144	9,409	584	39	<1	26	11,570	8
Ave.	11	13.2	44	727	1,248	74	11	<1	3	2,169	<5

Distributions of geochemical anomalies of each element, including results of ore analysis, are shown in Fig. II-2-1 (3).

Au: One sample shows 339 ppb. Locations showing 20 ppb or more lie in the locations where andesite is distributed and its surrounding.

Ag: Anomalous zones of 30 ppm or higher are found mainly in NW-SE and E-W manganese veins and ore veins in the center of the survey area, and in E-W and ENE-WSW manganese veins and ore veins in the western area.

Cu: Anomalous zones of 90 ppm or higher partially overlap with silver anomalous zones. The anomalous zones are scattered all over the district.

Pb: Anomalous zones of 400 ppm or higher almost entirely overlap with the copper anomalous zones and exist over andesite stock.

Zn: Anomalous zones of 230 ppm or higher exist widely in manganese veins and ore parts in the center part of the survey area.

As: Anomalous zones of 140 ppm or higher are found mainly in the area where andesite stock is distributed.

Sb: Anomalous zones are distributed widely in the entire survey area.

Hg: All the samples are under the detection limit.

Mo: All the samples are below 26 ppm and show no anomalous value.

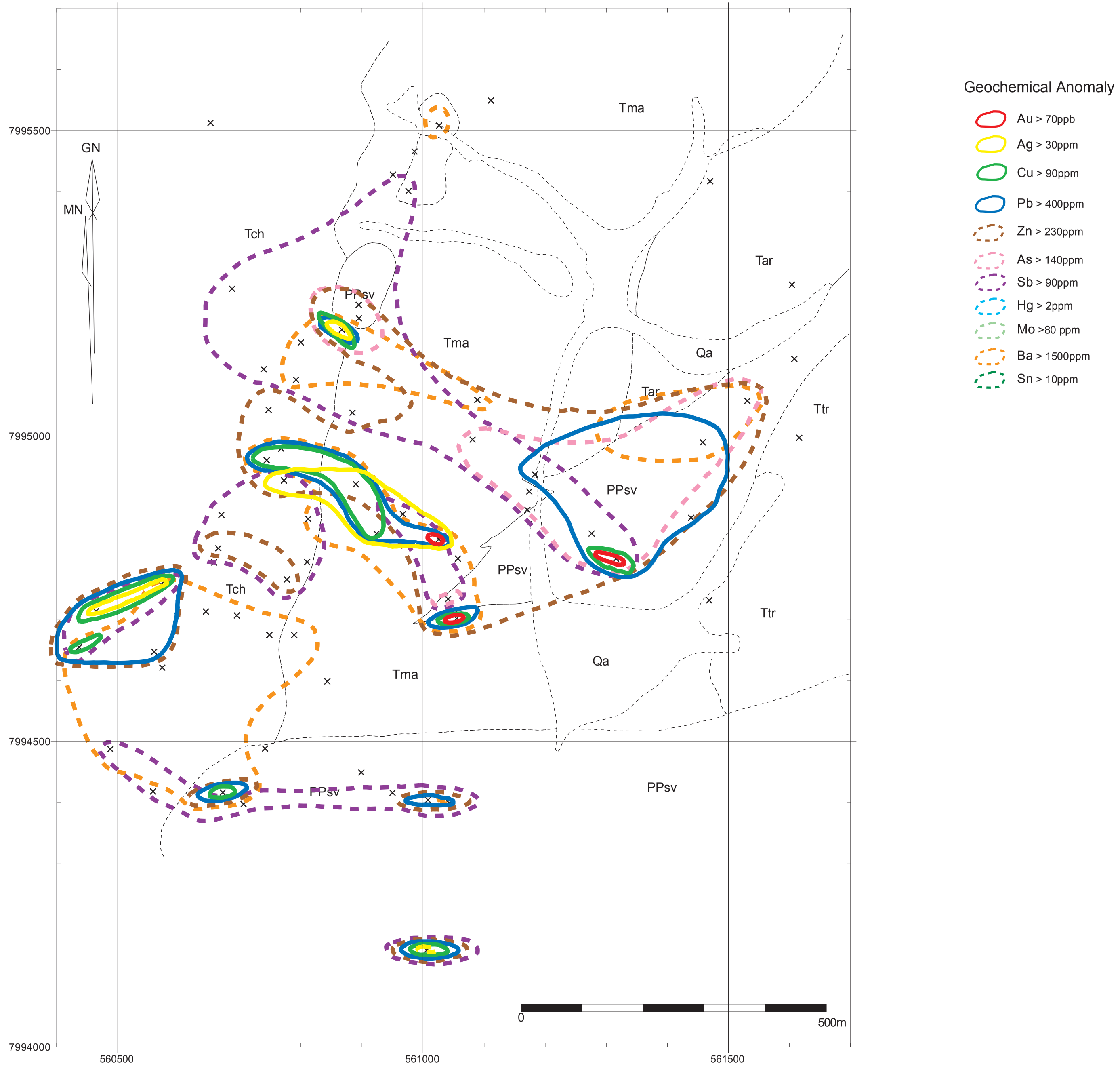


Fig. II-2-1(3) Geochemical Anomaly Map of the Turaquiri District

Ba: Anomalous zones of 1,500 ppm or higher are found in almost the entire area.

Sn: Except a spot indicating 8 ppm, all the other samples are under the detection limit.

(5) Considerations

The ore deposits of Turaquiri district are epithermal barite-quartz veins associated with base metals and precious metals, which occur along the east-westerly fractures formed by the development of caldera.

Based on the facts that the alteration is a neutral type and an existence of intrusive rock, the mineralization of the area is surmised to be an epithermal ore deposit of (gold), silver, lead, zinc and copper related to the activities of intrusive rock. For the first time in three years, gold showing (3.5 g/t) could also be found in Phase III.

In previous surveys before Phase III, manganese oxide veins are detected in the northern part of the known Turaquiri ore vein. The bottom of this ore vein shows a change to lead and zinc. Under the circumstance, mineralization similar to the Turaquiri ore deposit is expected under the manganese oxide vein.

However, the lack of network veins and dissemination type mineralization, make the possibilities of ore deposits that allow large-scale mining low.

2-2 Chullcani District (Fig.II-2-2 (1),-2(2),-2(3) ,-2(4))

(1) Geology (Fig.II-2-2(1))

The area is underlain by pyroclastic rocks such as lapilli tuff, tuff breccia (volcanic breccia), and andesite lavas, andesite and diorite intrusive rocks of late Miocene to Pliocene, and basalt of Pliocene to Pleistocene. The dome ,which was considered as Rhyolite in Phase II, is assigned basalt.

Lapilli tuff and tuff breccia in the area are subjected to intensive hydrothermal alteration. In many cases, it is difficult to identify them from hydrothermal breccia and their distribution is not clear.

Andesite is biotite - hornblende andesite containing pyroxene in part. The K-Ar dating shows 6.13 ±0.12 Ma and 5.31 ±0.14 Ma. Intrusive rock of hornblende - biotite andesite about 10 m×20 m is found near the drilling site of well MJB0-1 and shows K-Ar age of 6.14 ±0.12 Ma.

The flow structure of andesites and tuffs are developed surrounding a diorite intrusive rock body.

Basalts form a dome and low mesa in the northeastern part of the area. Under the microscope, basalt contains clinopyroxene, olivine and xenocrysts of quartz. Orthopyroxene is detected in phenocryst

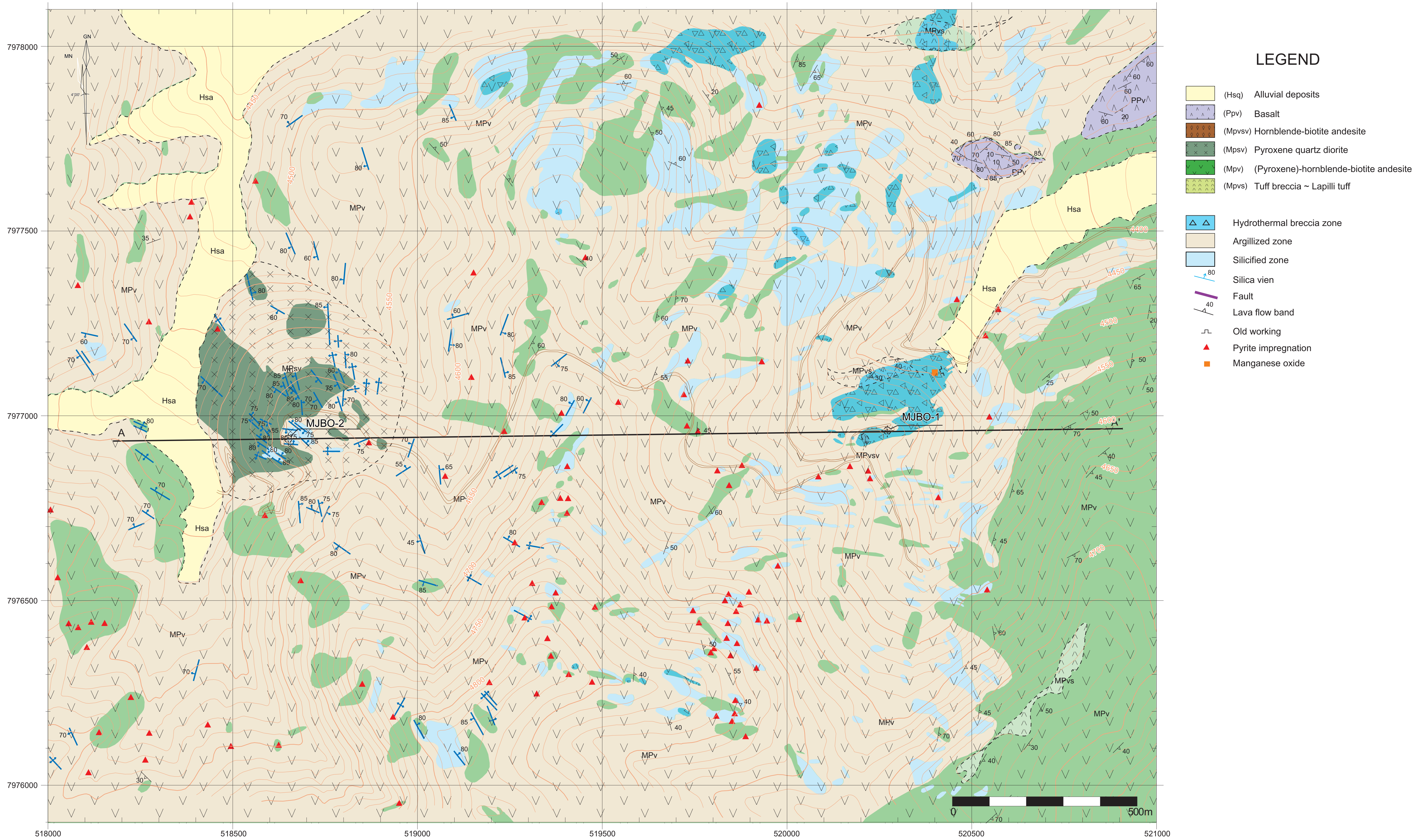
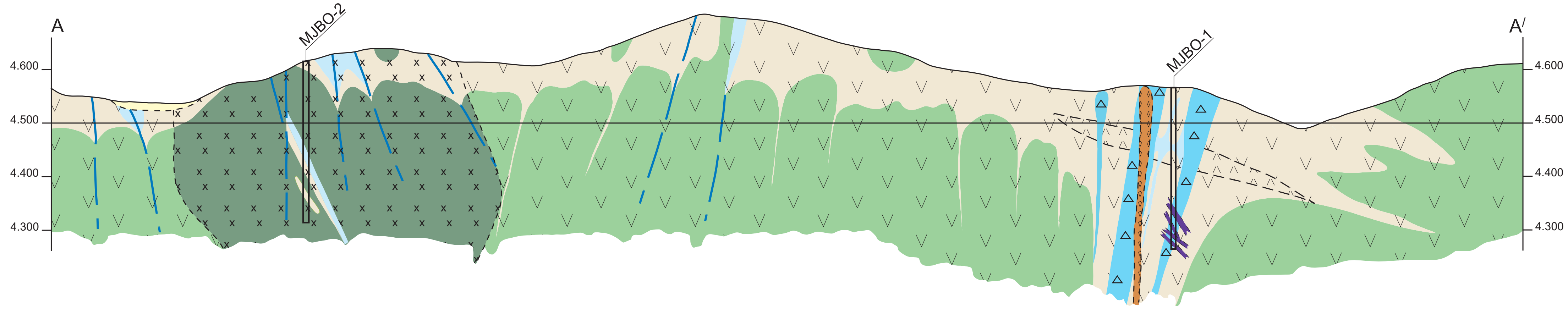


Fig. II-2-2(1-1) Geological map of the Chullcani District



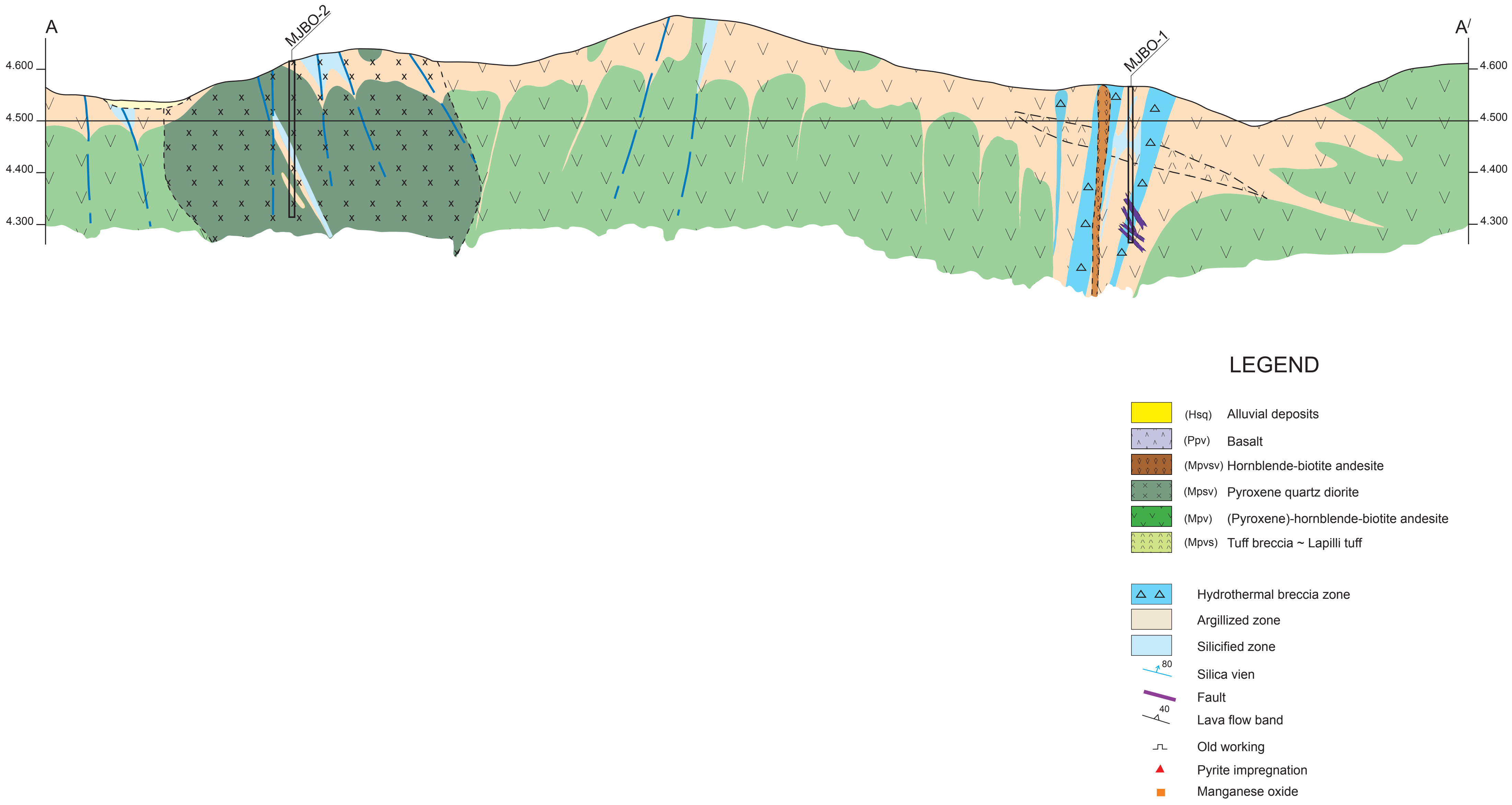


Fig.II-2-2(1-2) Geological Section of the Chullcani District of basalt (No. 8478) from the mesa, while potassium feldspar in the groundmass of that from the dome (No. 8484).

Basalt from the dome shows the K-Ar age of 1.52 ±0.05 Ma in Phase II.

Diorite intrusive rock is found arround the MJB0-2 drill hole but its distribution is not clear due to hydrothermal alteration. However, the diameter is estimated to be about 600 m. Under the microscope, intrusive rock is a fine-grained, holocrystalline, two-pyroxene monzodiorite with quartz, potassium feldspars and hornblende, a very small amount of epidote and a small amount of sericite as alteration minerals (No. 8486).

Silicified veins of this section are considered to have filled fractures that developed parallel with the diorite intrusion and are seen radially in diorite body and nearby. Veins reach a maximum 6.5 m in width, but are mostly less than 1 m. These veins do not continue well in the strike direction and the longest vein is 100 m, but most of them continue only several meters. Dips of the veins are mostly steep at 70° or higher.

(2) Alteration (Fig.II-2-2 (1), -2 (2))

Hydrothermal alteration zones cover about 6.5 km^2.

Silicification and argillization are observed.

Most of the alteration zones are argillized zones, in which silicified rock, hydrothermal breccia and breccia pipe are distributed in a shape of vein and island, and also weak- or non-altered andesites are spottedly distributed.

The alteration ages from the Phase II survey are 5.32 ±0.07 Ma and 6.12 ±0.09 Ma.

Alteration minerals such as quartz, cristobalite, tridymite, smectite, sericite, zeolite, alunite, kaolinite and pyrophyllite are observed.

Alteration zones are divided roughly into cristobalite and quartz zones. The quartz-sericite zone is seen in a diorite body and its southern side, surrounded by quartz zone and farther outside by a cristobalite zone. An alunite zone is mainly distributed near the border between the quartz and cristobalite zones, overlapping on them. Distributions of alteration zones are shown in Fig. II-2-2 (2).

Kaolinite and pyrophyllite are found locally.

(3) Mineralization (Fig.II-2-2 (1))

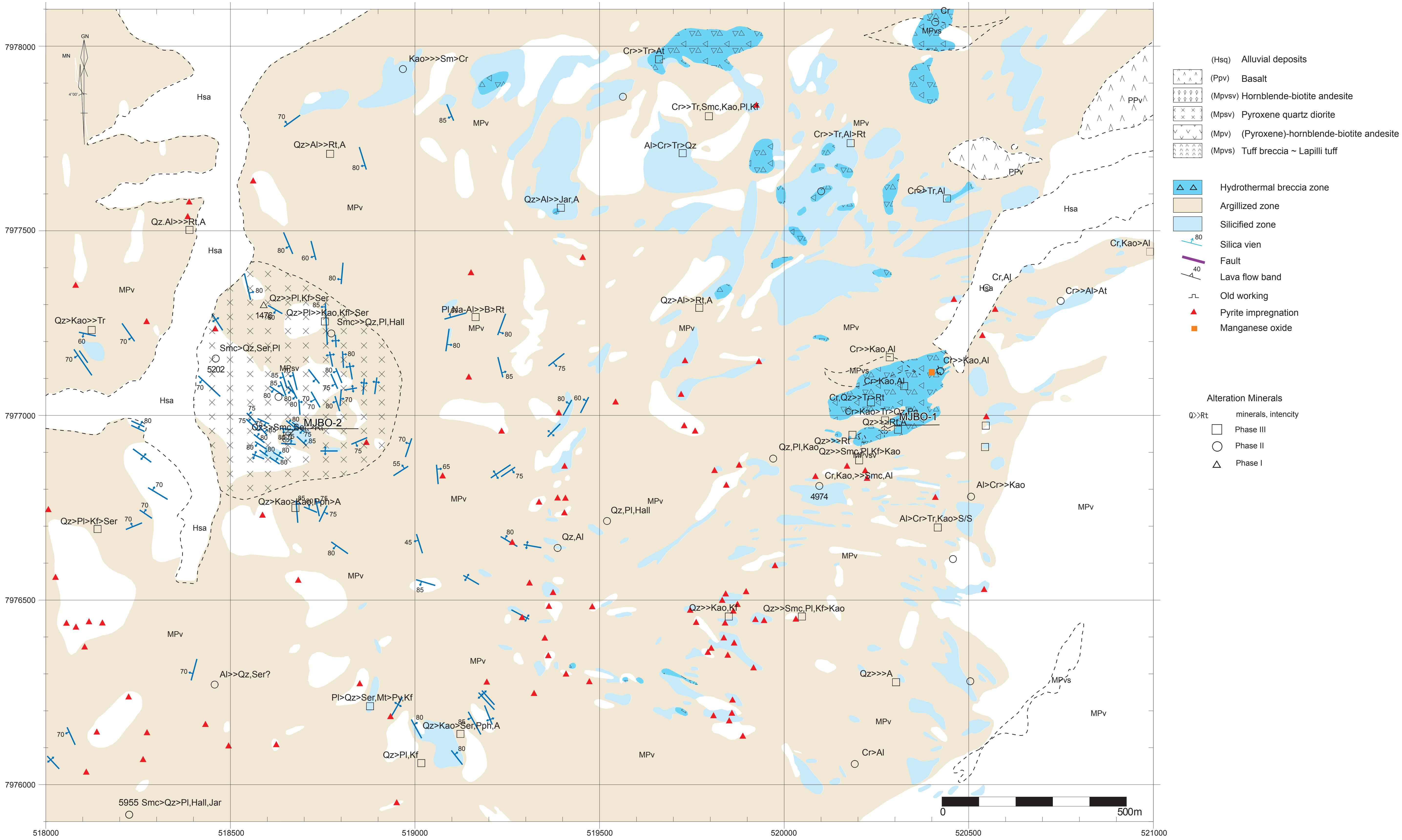


Fig.II-2-2(2-1) Alteration Map of the Chullcani District

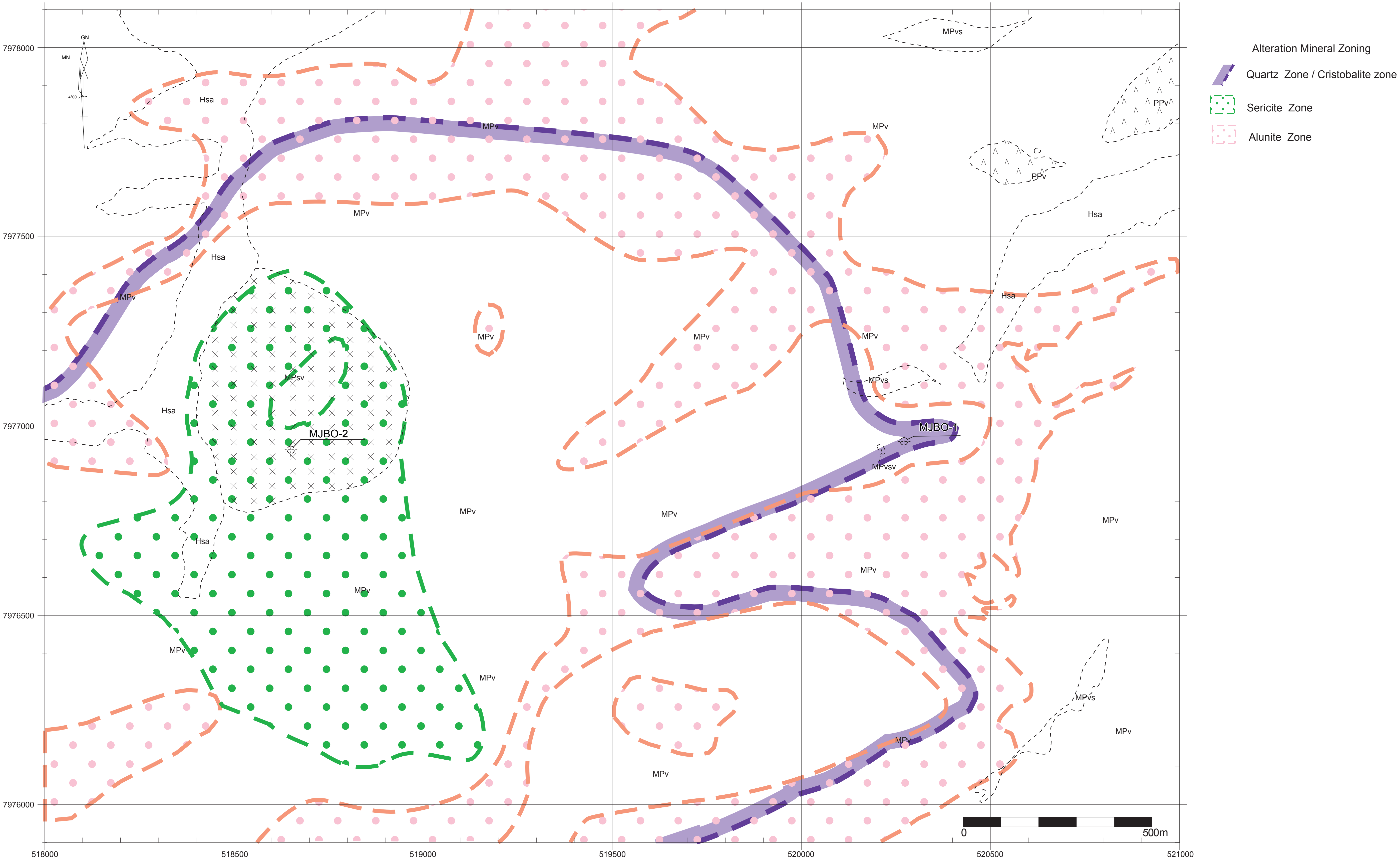


Fig.II-2-2(2-2) Distribution Map of the Alteration Minerals in the Chullcani District

Ore minerals in this area are pyrite, goethite and manganese dioxide. Native sulfur (No. 8331) and plumbogummite: $PbAl_3H [(OH)_6 (SO_4)_2]$ (No. 8307) are also observed rarely.

Pyrite disseminates in various places as shown in Fig. II-2-2 (1).

A manganese oxide vein exists on the eastern slope adjacent to the breccia pipe and is acompanied by a very small amount of green copper. An inclined shaft with several meters depth remains.

(4) Results of Geochemical Analysis (Fig.II-2-2 (3))

A total of 203 rock samples were collected in Phase III.

The minimum, maximum and average values for each element are shown in Table II-2-2.

Table II-2-2 Result of Chemical Analysis (Chullcani)

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
Min.	<2	<0.5	<2	4	<2	<5	<5	<1	<1	87	<5
Max.	396	5.1	124	1,111	232	327	35	2	81	8,144	22
Ave.	18	0.5	22	147	26	23	6	<1	7	1,290	<5

Distributions of geochemical anomalies of each element are shown in Fig. II- 2- 2 (3).

Au: Twelve samples indicate anomalous values of 70 ppb or higher with the maximum value of 396 ppb. Anomalous zones are spotted on diorite intrusive rock and its southeastern parts.

Ag: All the samples indicate 5.1ppm or less and show no anomalous value.

Cu: Three samples indicate anomalous values of 90 ppm or higher with two samples found around the MJB0-1 Drill Hole.

Pb: Twelve samples indicate anomalous values of 400 ppm or higher and anomalous portions are spotted mainly around the diorite intrusive rock.

Zn: One sample indicates an anomalous value of 232 ppm and is located near the diorite intrusive rock.

As: Six samples indicate anomalous values of 140 ppm or higher and are found around the MJB0-1 drill hole.

Sb: Small anomalous portions are scattered all over the area.

Hg: One sample near the MJB0-1 drill hole indicates 2 ppm. All the other samples show no

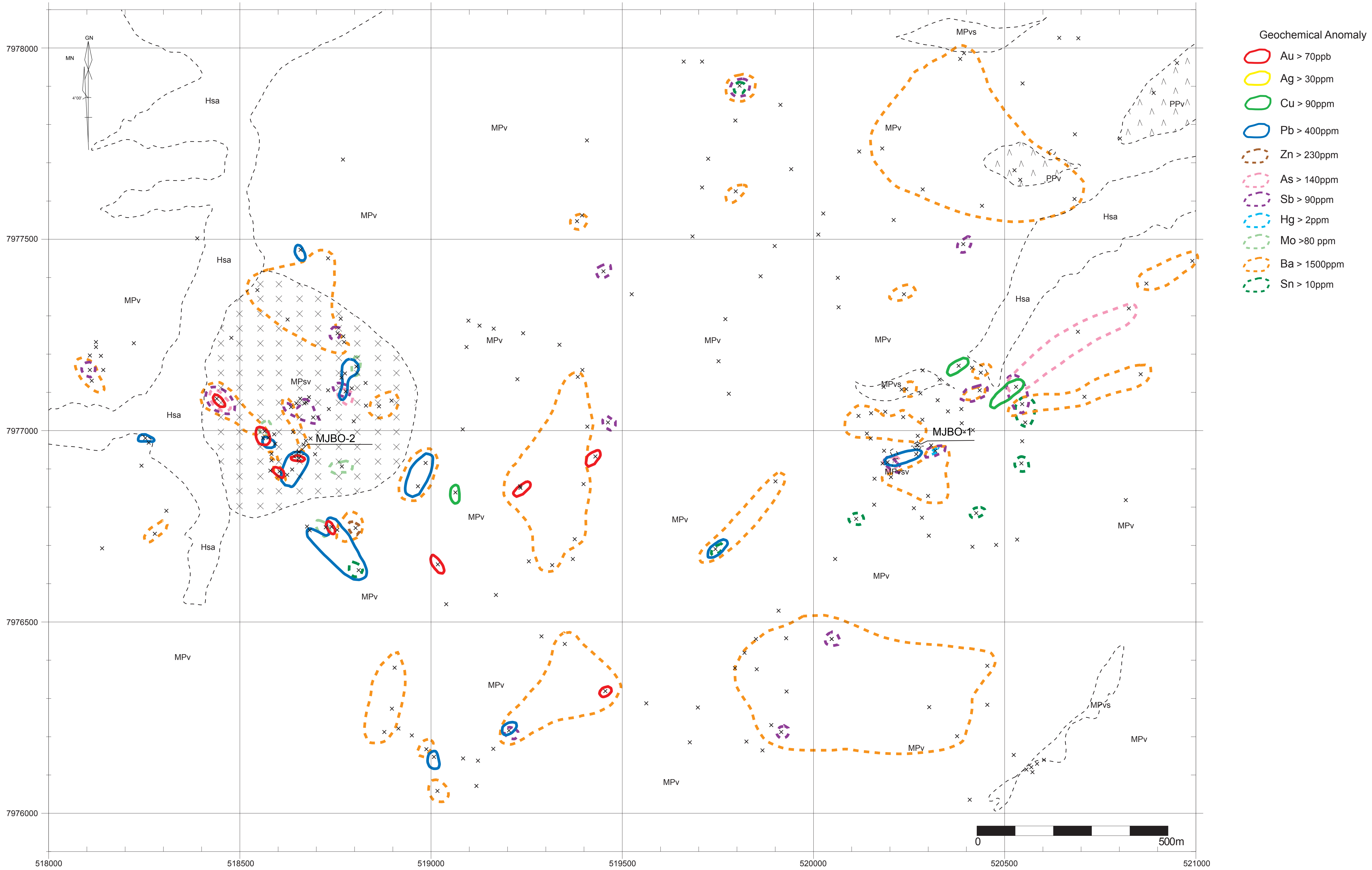


Fig.II-2-2(3) Geochemical Anomaly Map of the Chullcani District anomalous values.

Mo: Four samples indicate anomalous values of 40 ppm or higher and anomalous portions are scattered on diorite intrusive rock and its surrounding.

Ba: Anomalous zones are scattered all over the area.

Sn: Five samples indicate anomalous values and are scattered.

(5) Considerations

The following assumption can be made regarding the igneous activity of Volcano Chullcani. The activities of andesites of Volcano Chullcani started around 6.5 Ma and continued to around 5 Ma, in which period a stratovolcano was formed. Diorite intruded into the center of this stratovolcano. It is possible to surmise that a hydrothermal activity followed these igneous activities. The volcano had since then been eroded and the center of the volcano had been denuded, exposing the tip of diorite and forming the mountain body, which is almost in the same shape that has been maintained to date. Basalt activity started during late Pliocene or early Pleistocene, possibly forming the basalt domes and mesas (See Fig. II- 2- 2 (4)).

As far as alteration mineral zonations are concerned, quartz-sericite zones distribute in the exposed parts of diorite intrusive rock and areas around them. Quartz zones surrounded them around, which cristobalite zones emerged. This suggests that diorite intrusive rock is the center of the hydrothermal activities.

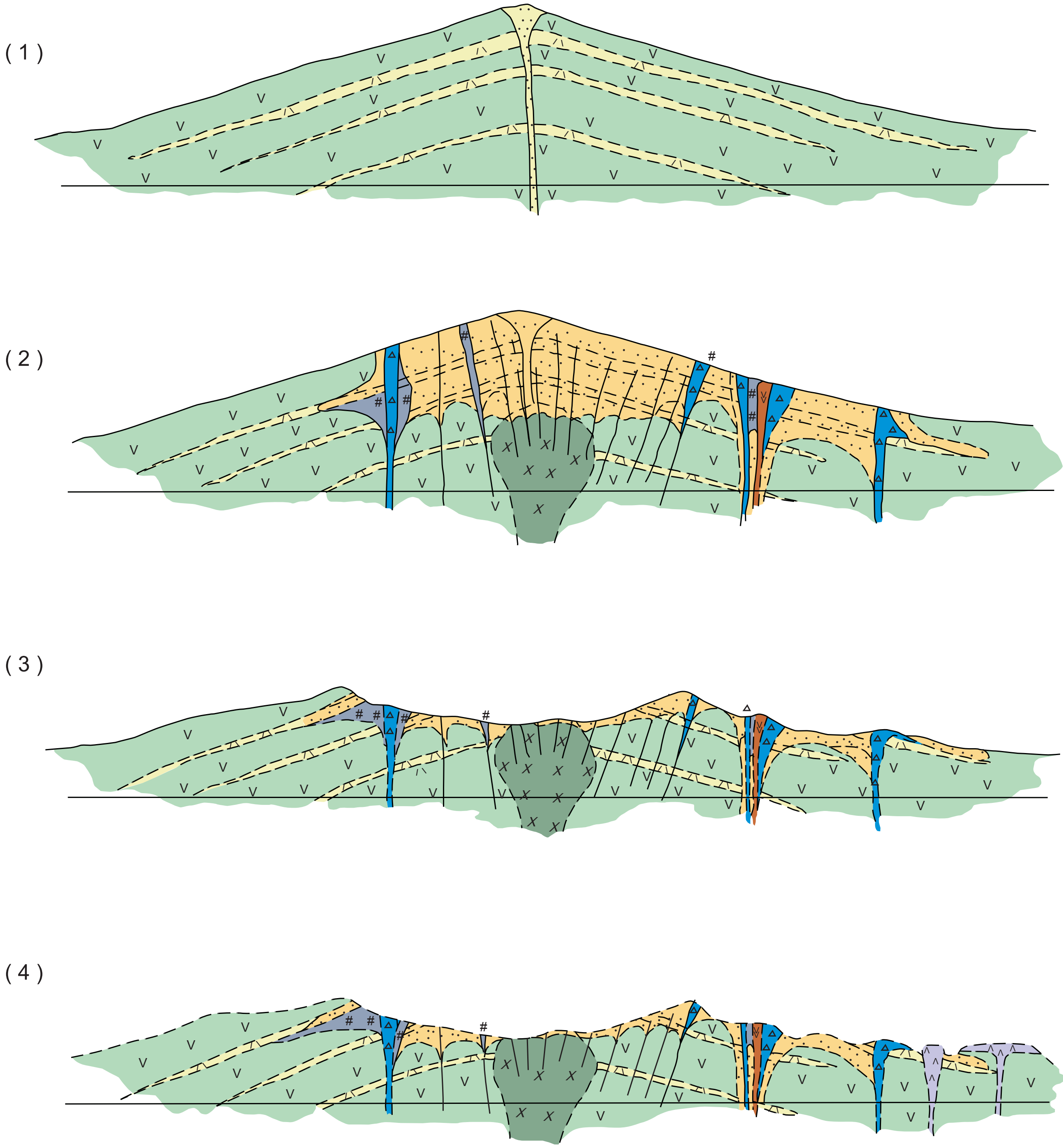
The geochemical exploration in Phase III also shows geochemical anomalies of gold in the intrusive rock body and areas around them. Anomalous parts of lead, zinc and molybdenum also distributed in the same area. Because geochemical anomalies of silver could not be found, the mineralization of the Chullcani District can be attributed to epithermal mineralization of gold, lead and zinc related to activities of shallow intrusive rock.

Anomalous values of copper and arsenic, and dissemination of native sulfur exist in the MJB0-1 drill hole. High sulfidation epithermal mineralization is also expected.

2-3 Sonia - Susana District

2-3-1 Jankho Kkollu Prospect (Fig.II-2-3 (1),-3 (2),-3 (3), PL-13))

(1) Geology (Fig.II-2-3 (1))



(1) Formation of the Chullcani volcano. (6.3Ma~5.3Ma)

(2) Intrusion of quartz diorite , hornblende-biotite andesite , and hydrothermal activity. (6.2Ma~5.3Ma)

(3) Erosion

(4) Formation of basaltic dome and mesa. (1.5Ma ±)

Fig. II-2-2(4) Idealized Formation Process of the Chullcani Volcano

The area is underlain by pyroclastic rocks, andesite lavas, dolerite and dacite intrusive rocks in the Phase III area.

Tuffs and andesite lavas are surmised to be the Negrillos Formation of late Oligocene to early Miocene. However, details of lavas are not clear because of intense alteration. Tuffs consist of andesitic tuff breccia, lapilli tuff and dacitic welded tuff. Dacitic welded tuff contains rock fragments of pumice, andesite, dacite, silicified rock and volcanic shards, and has undergone sericitization (No. 7909). Andesite lava has undergone chloritization and carbonization to completely alter mafic minerals. Carbonate minerals, celadonite and hematite are seen filling cavities (No. 7744, 7745, 7920, 7923 and 7924). Flow structures show a trend toward the north in the northern part and toward the south in the southern part.

Dacite distributes as intrusive rock that lies in the east-west direction at the bottom of the valley in the centre area with 2 to 10 m×600 m in size and as a dyke in the NW-SE direction on the southern slope of the intrusive body. The intrusive rock with columnar joints is hornblende-biotite dacite (No. 7727) and is subjected to intensive silicification and sericitization. Dykes are subjected to intensive silicification, sericitization and carbonitization (No. 7730) and cut by chalcopyrite- galena- sphalerite bearing quartz veins (PL-13).

Dolerite is distributed on the northwestern slope with a size about 5 m×10 m.

A fault exists on the southern edge of the dacite intrusive rock and shows an average strike of N80°E and dip of about 60°S.

(2) Alteration (Fig.II-2-3 (2))

Silicification, argillization and propylitic alteration are observed.

Silicified zone distributes mainly in intrusive rocks in the center of the area and on ridges in the northern part. A small amount of argillization is found in dacite dykes with a NE-SW direction in the southern part and a part of tuff.

Alteration minerals such as sericite, quartz, smectite, calcite, kaolinite, and a mixed layer mineral of sericite and smectite are observed.

Distributions of alteration minerals are shown in Fig. II-2-3 (2).

(3) Mineralization (Fig.II-2-3 (1), -3 (2))

A large number of veins are confirmed in the survey area. The minerals in these veins differ between

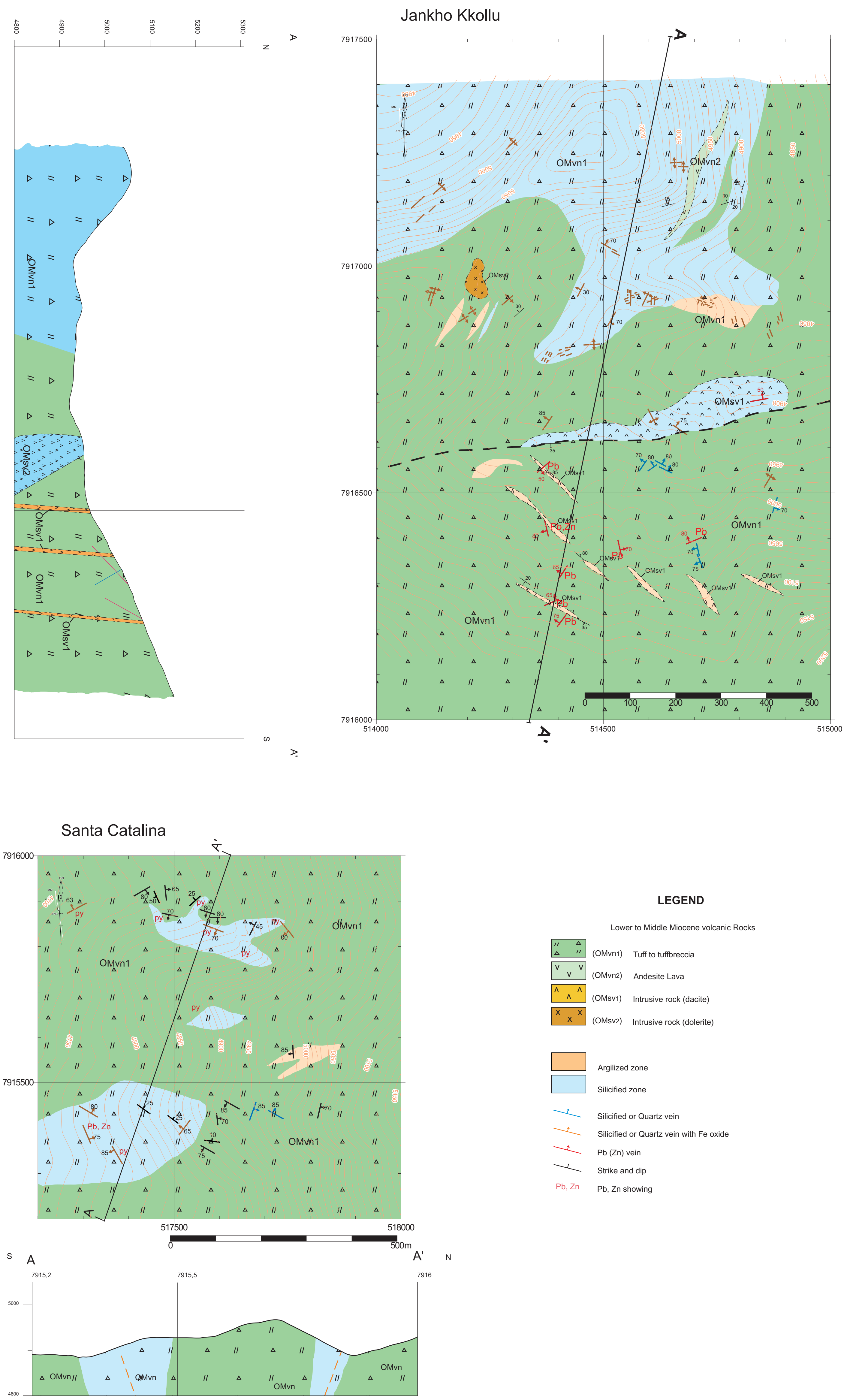


Fig. II-2-3(1) Geological Map of the Sonia-Susana District

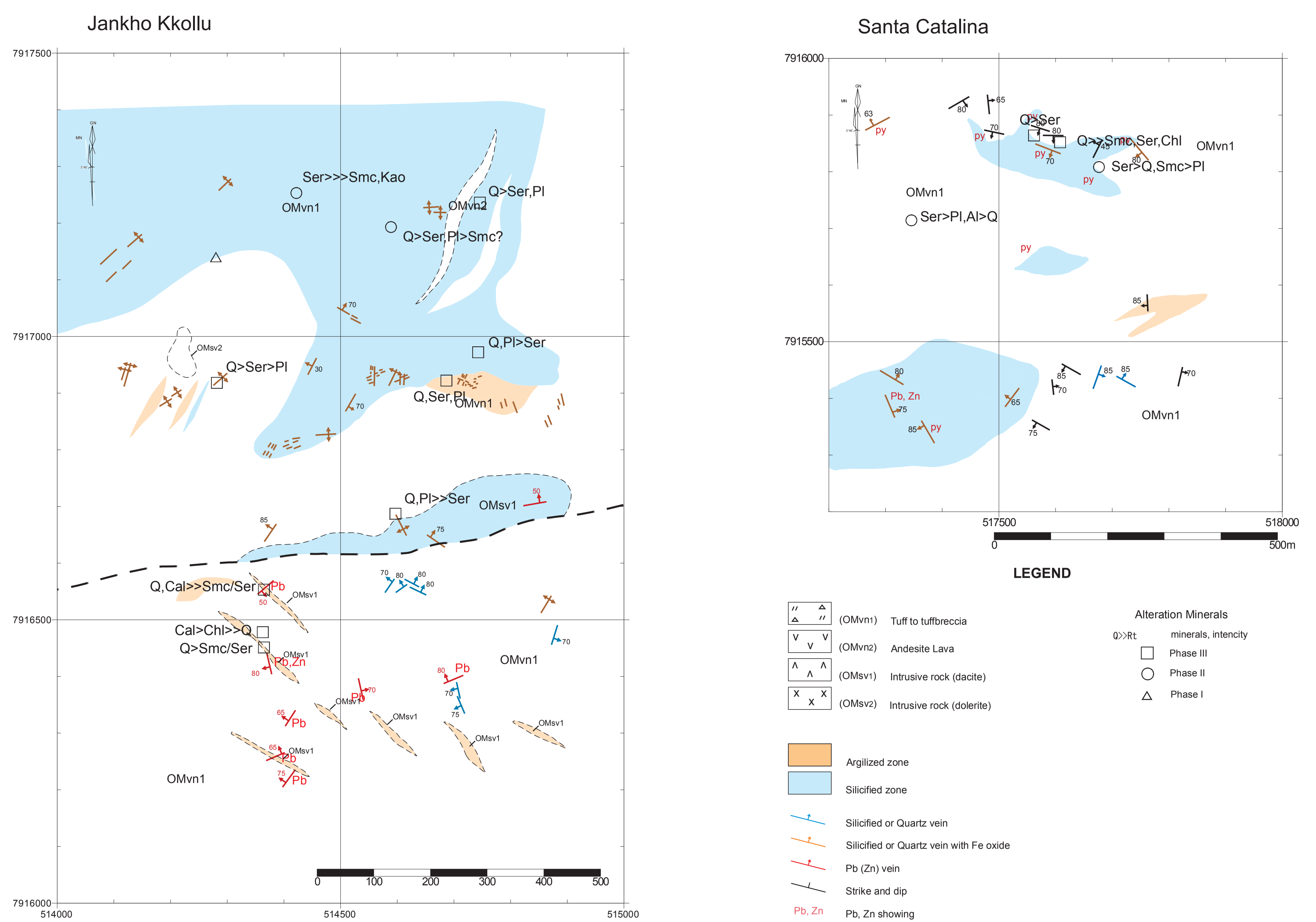


Fig. II-2-3(2) Alteration map of the Sonia-Susana District the northern and southern parts from the intrusive rock in the center.

Lead-zinc bearing barite -quartz veins are dominant in southern part, and barren barite - quartz veins are found locally. Directions of the veins are predominant NNW-SSE and NE-SW and ther inclinations are steeper than 65°. The vein width reaches a maximum 50 cm, however most veins show 10 cm or less. Veins are discontinuous and small in size. Network veins or disseminated mineralization are not found.

Silicified limonite veins are dominant in the north. Vein directions are random and vein widths are less than several centimeters.

A total of nine samples were collected for chemical analysis.

Results of chemical analysis are as follows:

Au: 2 ppb – 41 ppb, Ag: <0.5 ppm - 583.0 ppm, Cu: 19 ppm - 21,257 ppm, Pb: 21 ppm - 415,400 ppm, Zn: 117 ppm - 89,489 ppm, As: <5 ppm – 286 ppm, Sb: <5 ppm – 520 ppm, Hg: <1 ppm – 1 ppm, Mo: <1 ppm – 41 ppm, Ba: 33 ppm – 770 ppm, Sn: <5 ppm.

Under the microscope, ore minerals such as sphalerite, galena, chalcopyrite, pyrite and goethite are commonly found, and marcasite (No.7735), cerussite (No.7742, No.7767), polybasite (No.7734, No.7735), tetrahedrite (No.7735, No.7742), chalcocite (No.7735), covelline (No.7734, No.7735, No.7742), aurichalcite ($(Zn,Cu)_5(CO_3)_2(OH)_6$) (No.7735, No.7742) and caledonite ($Pb_5Cu(CO_3)(SO_4)_3(OH)_6$) (No.7735, No.7742) are in small amounts.

(4) Results of Geochemical Analysis (Fig.II-2-3 (3))

A total of 41 rock samples were collected in this survey area.

The minimum, maximum and average values for each element are shown in Table II-2-3 (1).

Table II-2-3 (1) Result of Chemical Analysis (Jankho Kkollu)

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
Min.	<2	<0.5	<2	5	6	<5	<5	<1	<1	341	<5
Max.	5	4.2	270	1,273	1,726	53	8	1	10	3,227	5
Ave.	<2	<0.5	18	67	158	12	<5	<1	2	1,210	<5

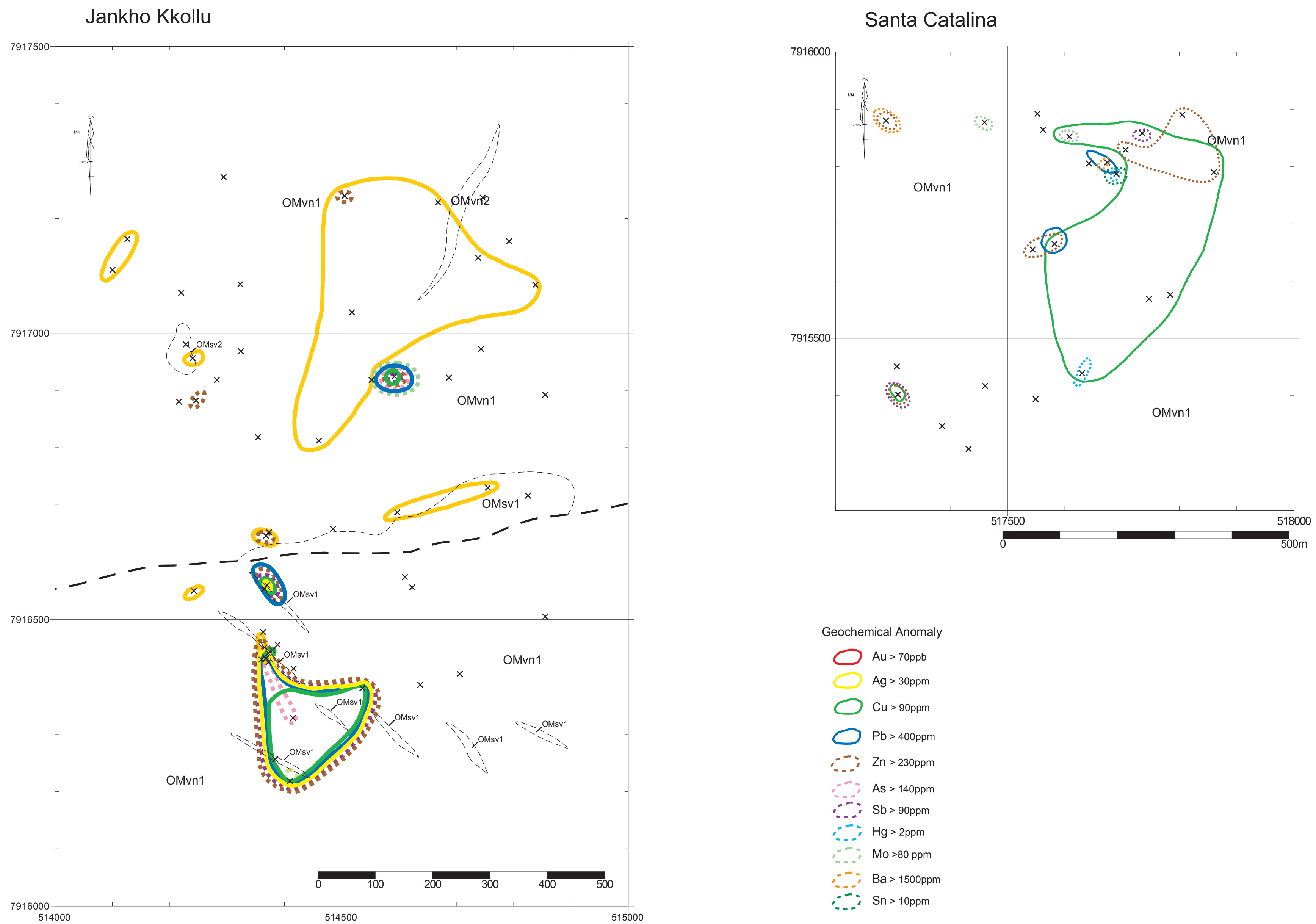


Fig. II-2-3(3) Geochemical Anomaly Map of the Sonia-Susana District

Distributions of geochemical anomalies of each element, including results of ore analysis, are shown in Fig. II- 2- 3 (4).

Au: All the samples indicate 5 ppb or less and show no anomalous value.

Ag: The veins in the south indicate a high value. However, most of the samples show under the detection limit.

Cu: The veins in the south and the limonite veins in the silicified zone in the north (No. 7903) indicate high values.

Pb: The veins in the south and the limonite veins in the silicified zone in the north indicate high values.

Zn: The veins in the south and the limonite veins in the silicified zone in the north indicate high values.

As: Two veins in the south and the limonite veins in the silicified zone in the north indicate high values.

Sb: The veins in the south and the limonite veins in the silicified zone in the north indicate high values.

Hg: All the samples are under the detection limit.

Mo: One vein in the south and limonite veins in the silicified zone in the north indicate high values.

Ba: Anomalous values are mainly shown in the silicified zones in the north.

Sn: All the samples are under the detection limit.

(5) Considerations

In terms of geological structure, a large-scale dome structure was previously assumed judging from the distribution of Carangas Formations. It was assumed that the Negrillos Formation below would be exposed at the center due to erosion. The distribution of the flow structures suggest that the area in Phase III was probably a stratovolcano. It was assumed that dacite intruded into the center part of the volcano and dacite intrusive rock was exposed after a series of erosion. This district was interpreted to be a volcanic complex formed through a large-scale depression or through eruptions of many volcanoes formed inside of caldera. Volcanic rocks were previously thought to be Negrillos Formation. However, these volcanic rocks are now surmised to be formed after the Carangas Formation. Activities of plutonic rock are surmised in the deeper parts and porphyry copper deposits as a result of the activities can also be expected.

At least two periods were surmised for hydrothermal activities by the surveys before Phase II. Vein minerals between in the northern and southern parts are different, however, it is hard to determine the mineralization periods are the same or not.

The ore grade of the ore veins in the south is rather high, but the veins are discontinuous and small in size. Possibilities of ore deposits that allow large-scale mining are low.

2-3-2 Santa Catalina Prospect (Fig.II-2--3(1),-3(2),-3(3))

(1) Geology (Fig.II-2—3 (1))

The area is underlain by pyroclastic rock and andesite. Pyroclastic rock is found in the valleys in the north, while andesite is found mostly in the area.

Faults, veins and fractures trending WNW-ESE are predominant in the area. The NW-SE and N-S trends are also observed.

(2) Alteration (Fig.II-2-3 (2))

Silicification, argillization and propylitic alteration are observed.

Silicification is observed in the topographically low position, while argillization is found in the topographically high position, both are mall scale.

Alteration minerals such as sericite, quartz, smectite, and chlorite are found.

Mineral distributions are shown in Fig. II-2-3 (2) .

(3) Mineralization (Fig.II-2-3 (1))

Dissemination of pyrite are seen in various places.

In Phase II, the dissemination of green copper ore was collected and molybdenite was found under the microscope.

This year, a pyrite-disseminated sample was collected and observed pyrite and covelline (No. 7771). However, molybdenite was not confirmed.

(4) Results of Geochemical Analysis (Fig.II-2-3(3))

A total of 21 rock samples were collected in this survey area.

The minimum, maximum and average values for each element are shown in Table II-2-3 (2).

Distributions of geochemical anomalies of each element are shown in Fig. II-2-3 (4).

Au: All the samples indicate under 24 ppb and show no anomalous values.

Ag: All the samples indicate under 3.7 ppm and show no anomalous values.

Table II-2-3 (2) Result of Chemical Analysis (Santa Catalina)

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
Min.	<2	<0.5	4	8	29	<5	<5	<1	<1	198	<5
Max.	24	3.7	1,025	704	1,610	82	12	2	251	2,125	11
Ave.	6	0.9	144	98	235	14	<5	<1	23	827	<5

Cu: Anomalous zones were distributed widely on the eastern side of the survey area.

Pb: Two samples indicate anomalous values.

Zn: Seven samples indicate anomalous values.

As: All the samples indicate under 82 ppm and show no anomalous values.

Sb: Two samples indicate anomalous values.

Hg: One sample of andesite indicate anomalous values of 2 ppm.

Mo: Two portions in the north valley indicate anomalous values and reach a maximum value of 251 ppm.

Ba: Two portions in the north indicate anomalous values.

Sn: One sample indicates an anomalous value of 11ppm.

(4) Considerations

Porphyry mineralization was expected for this survey area. However, positive signs suggesting its existence could not be confirmed in this survey. The area continues to register high molybdenum values and possibilities of deposition remain yet. The homogenization temperature of fluid inclusions obtained in Phase II was low at 222°C, suggesting that any ore deposits that might exist may be located slightly deeper.

2-4 Mendoza District (Fig.II-2-4 (1), -4 (2), -4 (3))

(1) Geology (Fig.II-2-4 (1))

The area is underlain by pyroclastic rocks such as lapilli tuff, tuff breccia (volcanic breccia), andesite lavas and dacite intrusive rocks of the Tahua Formation of late Oligocene to early Miocene in age.

Previous data reports rhyolitic intrusive rock bodies 2 km north of Iranuta.

Pyroclastic rocks are greenish gray and have undergone weak propylitic alteration. The rocks contain angular to subrounded coarse-grained rock fragments of porphyritic andesite and brown tuff with a maximum size of 1m. Gray tuff about 60 m thick distributes in the northwest to southeast parts. This tuff is subjected to hydrothermal alteration (argillization and silicification).

Andesites are greenish gray, medium-grained to fine-grained, hornblende-biotite andesite, medium-grained to coarse-grained pyroxene andesite and hornblende-pyroxene andesite. They have undergone weak propylitization.

The faults, veins and fractures with ENE-WSW and NE-SW trends are dominant in this area, while the NW - SE trend is also observed.

Faults are estimated at the southwest and west from a quartz vein in the northeastern part of the survey area, and one of the faults is thought to be a right-lateral fault with about a 50 to 100 m dislocation.

(2) Alteration (Fig.II-2-4 (2))

Silicification, argillization and propylitic alteration are observed.

Propylitic alteration is slightly intense in the northern part of the survey area. Under the microscope, mafic minerals are altered to chlorite, sericite, carbonate minerals and a very small amount of epidote (No. 7854, No. 8044).

Argillization is observed along the veins in Iranuta and around hydrothermal breccia and breccia pipe on top of Co. Chorka.

Silicification in tuff occurs on the upper side near Co. Chorka, while on the lower side near the northwestern part of Iranuta.

Silicified hydrothermal breccia on top of Co. Chorka, turned into vuggy silica in part, is cut by silicified veins and quartz-alunite veins with a 20 to 30 cm width.

Alteration minerals are quartz, smectite, kaolinite, alunite, sericite and pyrophyllite (No. 7845) at Co. Chorka and quartz, sericite, smectite, a mixed layer mineral of sericite and smectite, chlorite, epidote and

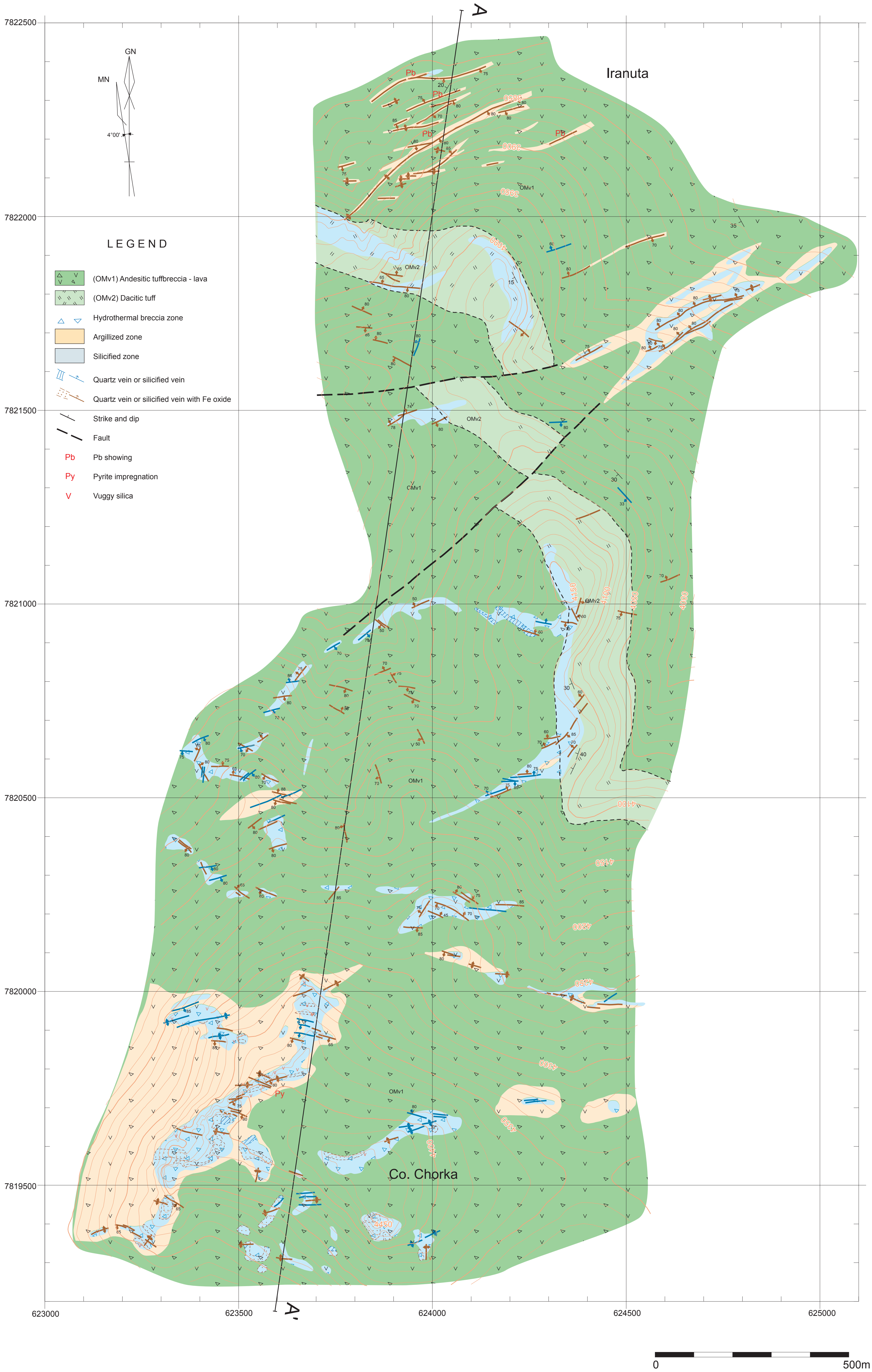
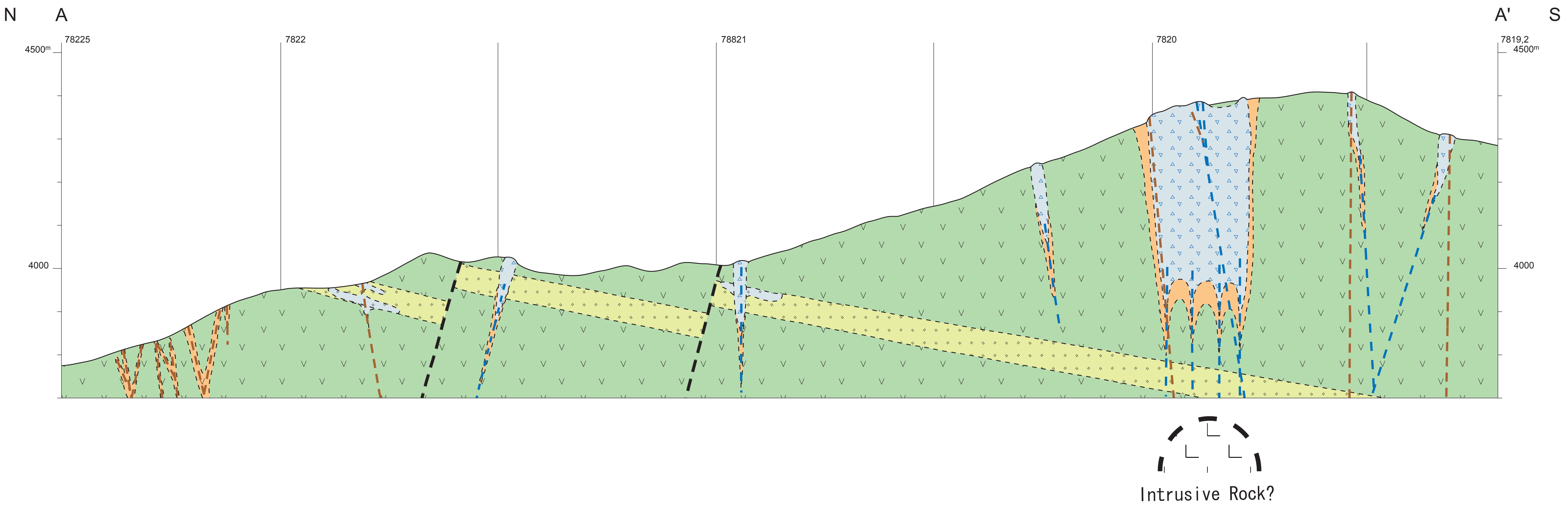


Fig. II-2-4(1-1) Geological Map of the Mendoza District



LEGEND

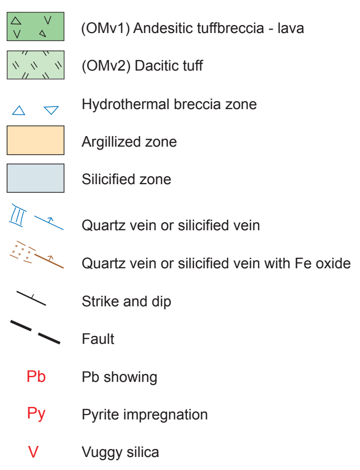


Fig. II-2-4(1-2) Geological Section of the Mendoza District

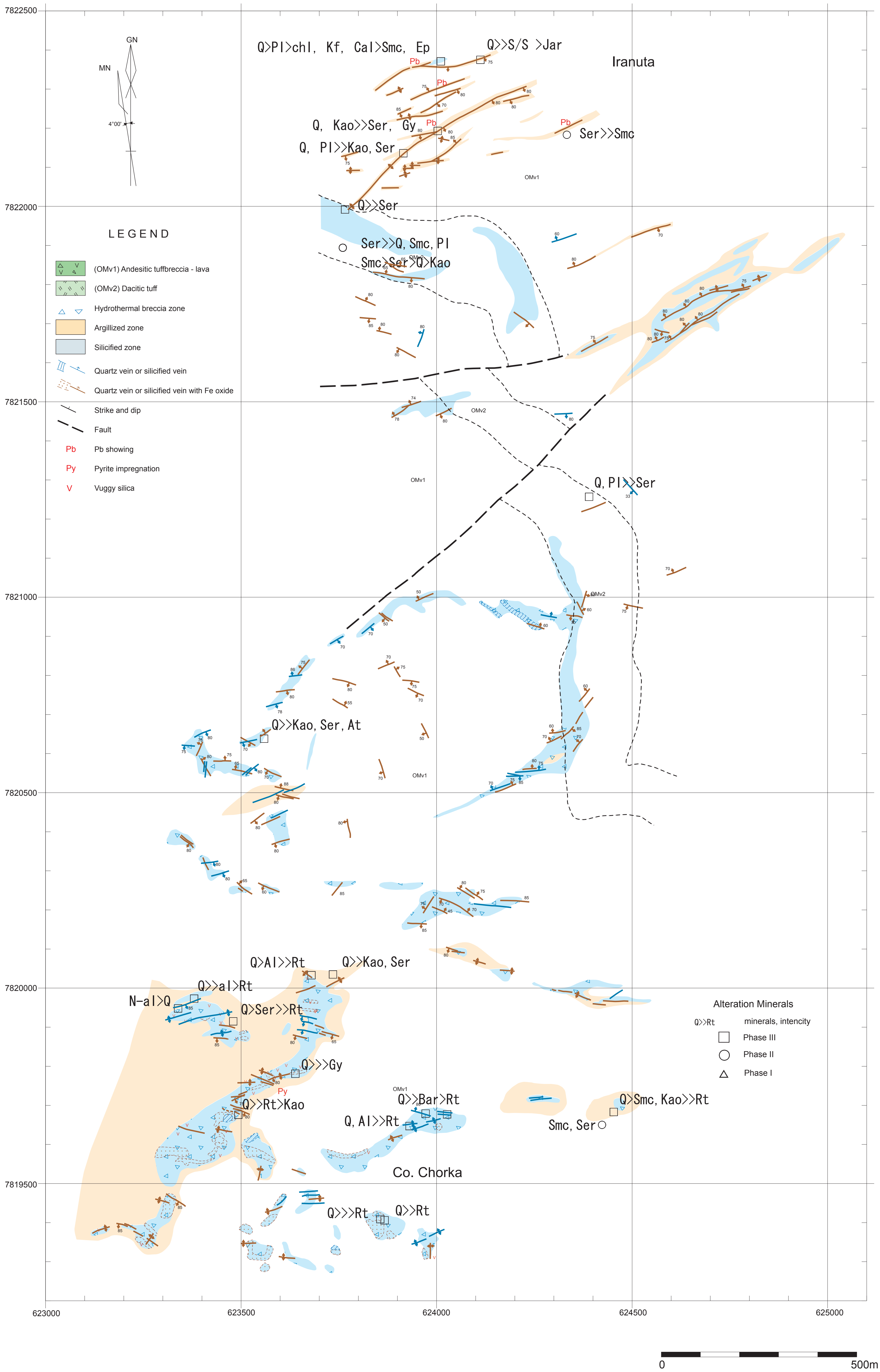


Fig.II-2-4(2) Alteration Map of the Mendoza District kaolinite at Iranuta.

(3) Mineralization (Fig.II-2-4 (1))

Vein-like lead and zinc mineralizations are seen in propylite at Iranuta. Veins are clay vein and silicified vein accompanied by galena, cerussite and sphalerite with an average width of 60 cm showing a strike of N60E- N75E and dip of 70 - 80 SE or NW.

Under the microscope, pyrite, goethite (No. 7804, (No. 7823) and hematite (No. 7823) are observed in the silicified hydrothermal breccia on top of Co. Chorka.

A total of nine samples were collected for chemical analysis.

Results of chemical analysis are as follows:

Au: 8 ppb – 16 ppb, Ag: 2.2 ppm - 8.0 ppm, Cu: 235 ppm - 2,643 ppm, Pb: 11,276 ppm - 26,300 ppm, Zn: 5,394 ppm - 10,717 ppm, As: 185 ppm – 237 ppm, Sb: 10 ppm – 19 ppm, Hg: <1 ppm, Mo: 7 ppm – 34 ppm, Ba: 497 ppm - 1,806 ppm, Sn: <5 ppm.

(4) Results of Geochemical Analysis (Fig.II-2-4(3))

A total of 203 rock samples were collected in this survey district.

The minimum, maximum and average values for each element are shown in Table II-2-4.

Table II-2-4 Result of Chemical Analysis (Mendoza)

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
Min.	<2	<0.5	<2	3	<2	<5	<5	<1	<1	40	<5
Max.	332	141.7	756	9,137	8,143	1,814	638	2	60	10,220	46
Ave.	15	5.2	49	439	207	121	45	<1	5	905	<5

Distributions of geochemical anomalies of each element, including results of ore analysis, are shown in Fig. II-2-4 (4).

Au: Twelve samples indicate anomalous values and are scattered on the top of Co. Chorka.

Ag: Nine samples indicate anomalous values and are scattered on the top of Co. Chorka. Only one sample overlaps with a gold anomalous part.

Cu: Ore veins in Iranuta in the north and some samples on the northern slope of Co. Chorka indicate anomalous values.

Pb: Anomalous zones of ore veins in Iranuta overlap with copper anomalous zones. However, thoses on the northern slope of Co. Chorka do not overlap with copper anomalous zones. Several anomalous portions are scattered on top of Co. Chorka.

Zn: Ore veins on the northwest side of Iranuta indicate high values, however, most veins on the eastern side show low values. No anomalous value is found at Co. Chorka in the south.

As: Small-scale anomalous zones are scattered mainly in ore veins of Iranuta, on the top of Co. Chorka and its northern slope.

Sb: Anomalous zones are seen all over the survey area and widely gathered on the top of Co. Chorka and northern slope.

Hg: Several anomalous parts with a 2 ppm value are detected on the slope of Co. Chorka.

Mo: One anomalous value of 60 ppm is detected in an ore vein in the northwestern part of Iranuta.

Ba: Small-scale anomalous portions are distributed on the top of Co. Chorka and several anomalous samples are scattered over the whole area.

Sn: Anomalous samples with maximum value of 46 ppm are scattered on the top of Iranuta.

(5) Considerations

Compared with the other districts and prospects, geochemical analysis values of arsenic and antimony are high while barium is low. Anomaly zones of gold, silver, arsenic, antimony, barium and tin overlap on Co. Chorka, while those of copper, lead, zinc, arsenic and antimony overlap on the foot of Co. Chorka, Iranuta.

Comparing with the distributions of elements of the La Deseada Vein in the east, geochemical anomalies of this prospect did not match in gold, silver, lead, arsenic and mercury. Fewer geochemical anomalies are detected in the intermediate part between Iranuta and Co. Chorka. Hydrothermal alteration in tuff occurs on the upper side near Co. Chorka, while on the lower side near the northwestern part of Iranuta. These suggest that mineralizations of Iranuta and Co. Chorka are different and that the mineralization of Iranuta is caused by rhyolite intrusions in the north. Measurement of the homogenization temperature of fluid inclusions in Phase II suggests that relatively deeper parts of ore veins are exposed as epithermal ore deposits. Large- scale ore deposits cannot be expected.

Pyrophyllite and alunite are observed in the upper part of the northern slope of Co. Chorka, overlapping with geochemical anomalies of gold, copper, arsenic, antimony and mercury. Pyrophyllite

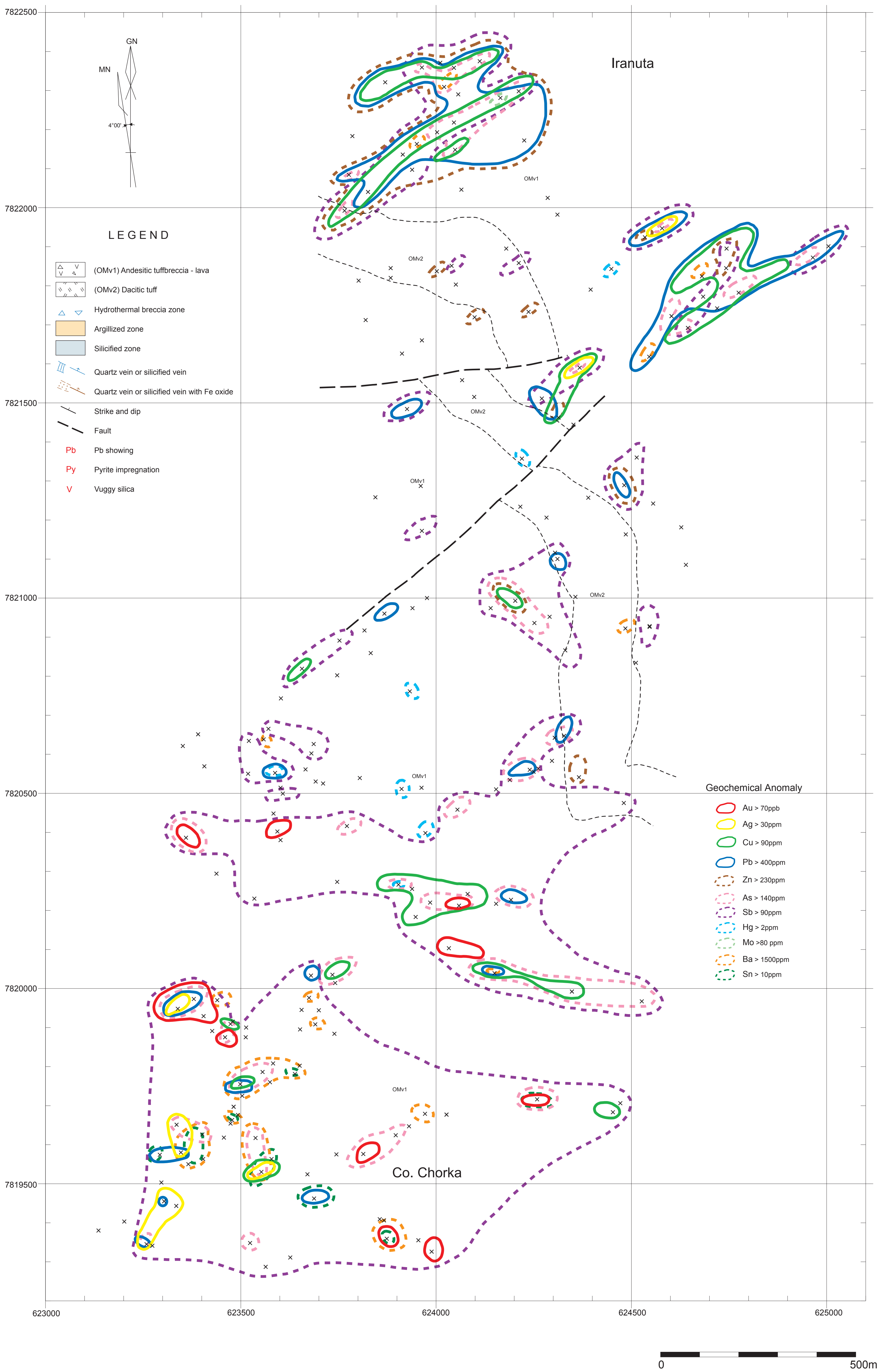


Fig. II-2-4(3) Geochemical Anomaly Map of the Mendoza District and alunite are believed to show acidic alteration of magmatic origin. The combination of geochemical anomalies gives a hope for the existence of a high sulfidation type mineralization.

A dominant hydrothermal activity and geochemical anomaly, as well as the existence of acidic alteration of magmatic origin, indicate that an intrusive rock exists below the top of Co. Chorka. Possibilities of epithermal gold and silver ore deposits related to intrusive activities of hypabyssal rock in shallow places are considerable.

Chapter 3 Drilling Survey

3-1 Purpose of Survey

Drilling was conducted at two sites to confirm geological the structure and mineralization deep underground in the Chullcani District (See Figs. I-1 and II-3-1).

(1) MJB0-1 (Direction: -, Inclination - 90°, Drilling Length: 300.00 m)

This drill hole is located at the foot of Volcano Chullcani. Silicified rock, hydrothermal breccia and hydrothermal breccia pipes dominantly distribute on the surface. A small andesite dome or intrusive rock is also found. Geochemical anomalies for copper, lead and arsenic are found, however, anomalies of gold are not confirmed.

Drilling was carried out to determine the conditions of geology and mineralization, and scales of alteration zones of the deeper part of the place where it is considered to be an ascension opening for local dominant hydrothermal activities.

(2) MJB0-2 (Direction: -, Inclination - 90°, Drilling Length: 300.00 m)

This drill hole is located in the center of the Chullcani Volcano body. Silicified veins are distributed radially on the surface, indicating existence of intrusive rock. Geochemical anomalies of gold, lead and antimony exist.

Drilling was carried out to determine the conditions of geology and mineralization, and scale of alteration zones of the deeper part of the center of the volcano body.

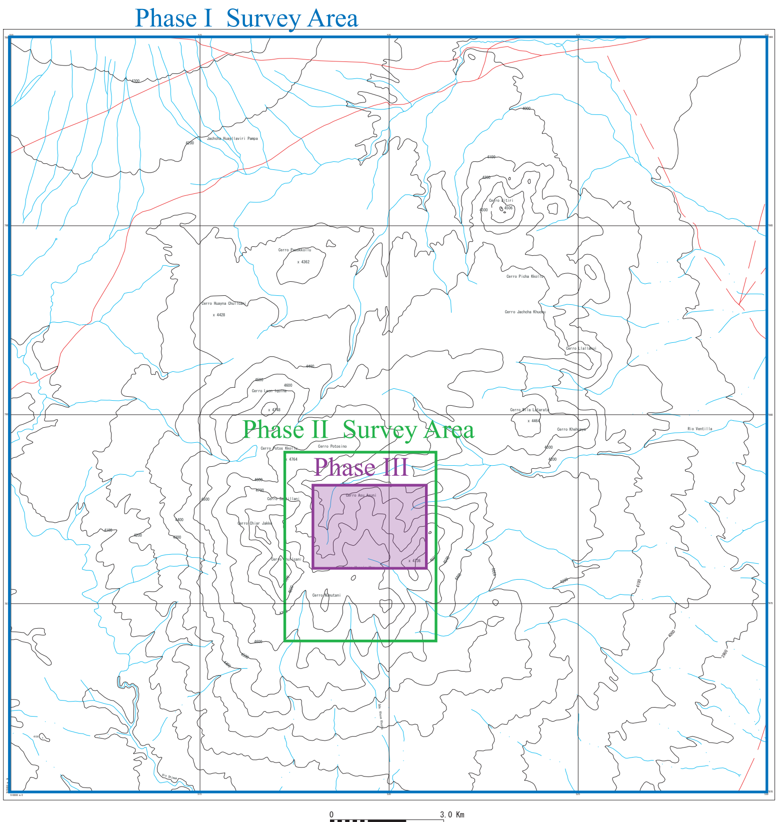
3-2 Drilling Work

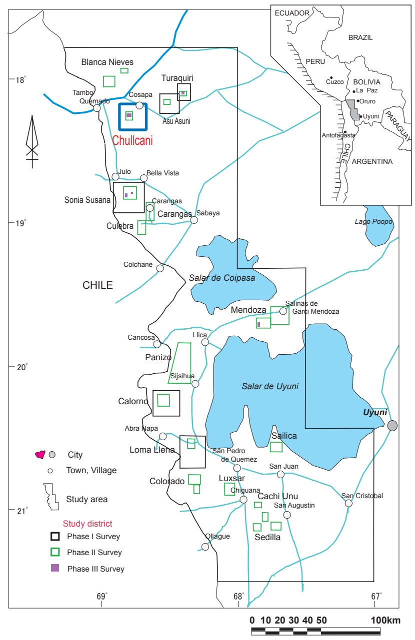
3-2-1 Overview of Drilling Work

Two drill holes totaling 600.00 m were carried out, using a truck-mounted drilling machine, model L44 manufactured by Long Year.

The drilling work was performed by working eight hours per shift for three shifts per day. Besides an engineer for all shifts, each shift was assigned a foreman and four assistants.

A bulldozer model D7 manufactured by Caterpillar was used for the construction of a total 13 km of access road to the drill sites, preparation of drill sites and repair of the existing road by blasting some parts.





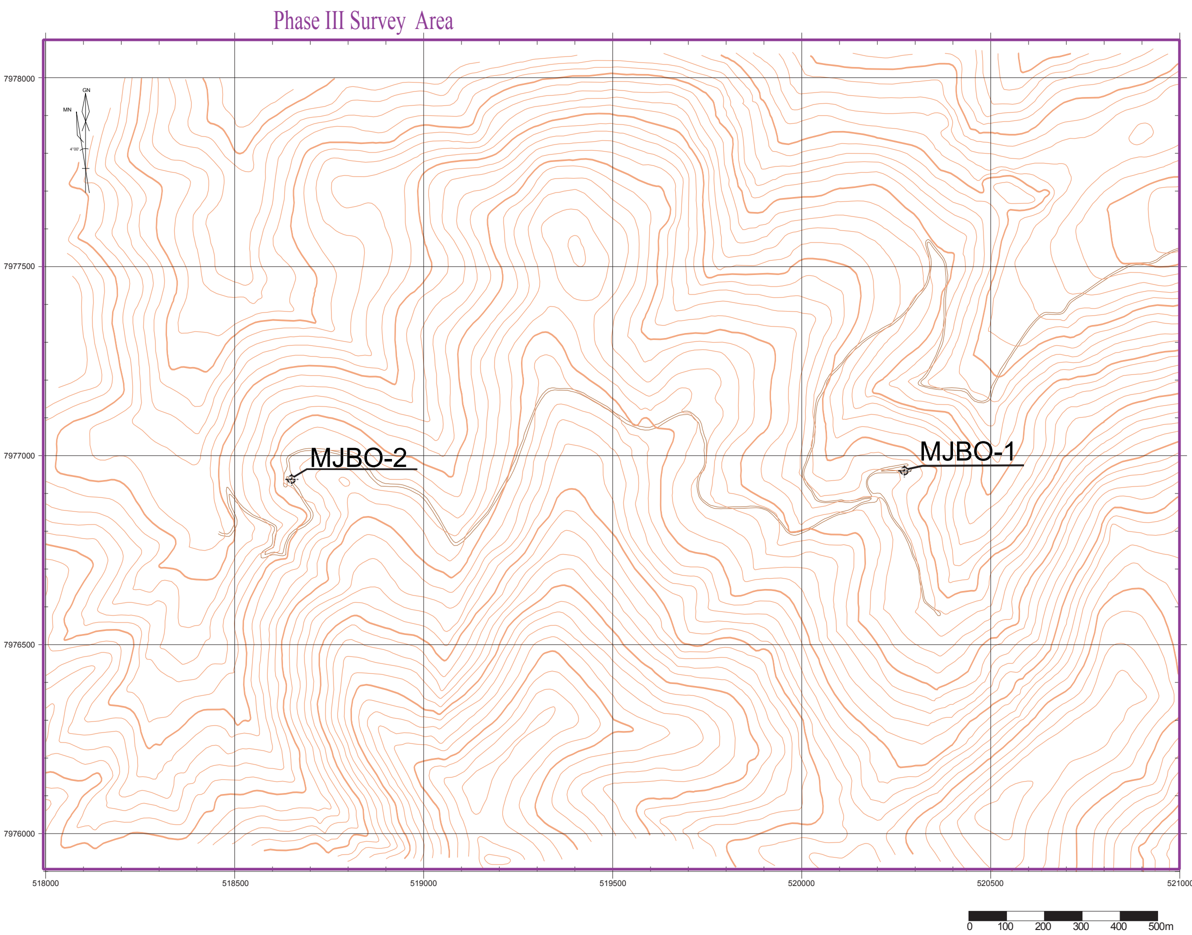


Fig. II-3-1 Location Map of the Drill Holes

The wire line drilling method was performed using mainly a bentonite slurry binder to improve the core recovery.

The drilling started with a HQ size from the surface and ended with a NQ.

Water for drilling was pumped up to a tank lorry from a marsh and supplied to the drilling machine.

Table II-3-1 summarizes the core recovery for two drill holes.

Table II-3-1 Drill Hole Length and Core Recovery

Drill Hole	Inclination	Drilled Length (m)	Core Length (m)	Core Recovery (%)
MJBO-1	-90	300.00	297.70	99.2
MJBO-2	-90	300.00	299.90	99.9
Total		600.00	597.60	99.6

The drilling work progress, principal machinery used, equipment, consumables spent and use of diamond bits are outlined in the Appendices 8 and 9.

3-2-2 Drilling Work by Each Drill Hole

(1) MJB0-1 (Direction: -, Inclination - 90°, Drilled Length: 300.00 m)

The rock was exposed to the well-head and drilling was started using a HQ wire line. The rock near the surface was fragile and drill hole was expanded to 10.5 m. The HW casings were then inserted.

The drilling continued to 100.20 m using a HQ wire line and NW casings were inserted.

The hole was drilled to the well bottom at 300.00 m using a NQ wire line.

(2) MJB0-2 (Direction: -, Inclination - 90°, Drilled Length: 300.00 m)

The rock was exposed at the well-head and drilling was started using a HQ wire line. The rock mass near the surface was fragile and the drill hole was expanded to 12.25 m. The HW casings were then inserted.

The drilling continued to 100.00 m using a HQ wire line and NW casings were inserted.

Using a NQ wire line, the drilling was continued to 196.60 m. The drilling bit reached a silicified zone with large fractures, causing a collapse and making further drilling impossible. This place was reinforced by cementation and the hole was drilled to the well bottom at 300.00 m.

3-3 Results of Drilling Survey

(1) MJB0-1 (Fig.II-3-3 (1), -3(2), -3(3) , -3(4))

1) Geology (Core Logging)

0 ～ 19.7 m: Light-brownish gray, moderately argillized andesite

19.7～ 44.1 m: Reddish brown, weakly argillized andesite

44.1～ 50.2 m: Light-brownish gray, moderately - strongly silicified andesite

50.2～ 52.8 m: Light gray, strongly silicified hydrothermal breccia

52.8～ 55.6 m: Light-brownish gray, reddish brown, purplish gray, moderately-weakly silicified andesite

55.6～ 68.2 m: Light brown, light-brownish gray, strongly-weakly argillized andesite

68.2～ 79.5 m: Light-brownish gray, partly strongly brecciated, moderately-weakly silicified andesite

79.5～ 84.2 m: Light-brownish gray, strongly-moderately argillized andesite (The foregoing cores are an oxidized zone)

84.2～ 97.6 m: Gray,coarse-grained very weakly argillized biotite andesite (The following cores are a pyrite disseminated sulfide zone)

97.6～104.8 m: Dark gray-gray-reddish gray, strongly argillized andesite

104.8～115.7 m: Dark gray, strongly silicified lapilli tuff-tuff breccia (Native sulfur-pyrite dissemination)

115.7～149.6 m: Gray, moderately-strongly argillized lapilli tuff-tuff breccia

149.6～160.0 m: Gray-light gray, very weakly argillized-very weakly silicified andesite

160.0～171.0 m: Dark gray/light gray, moderately silicified (light gray part) andesite

171.0～180.4 m: Gray, moderately-strongly argillized andesite

180.4～185.8 m: Gray - light gray, moderately argillized breccia

185.8～198.4 m: Gray-dark gray-greenish gray, partially weakly silicified-weakly argillized hornblende andesite

198.4～204.0 m: Gray-light gray, strongly silicified hydrothermal breccia

204.0～216.2 m: Light-brownish gray, strongly argillized/strongly silicified hydrothermal breccia

216.2～230.7 m: White-grayish white, very strongly silicified hydrothermal breccia (Native sulfur-pyrite

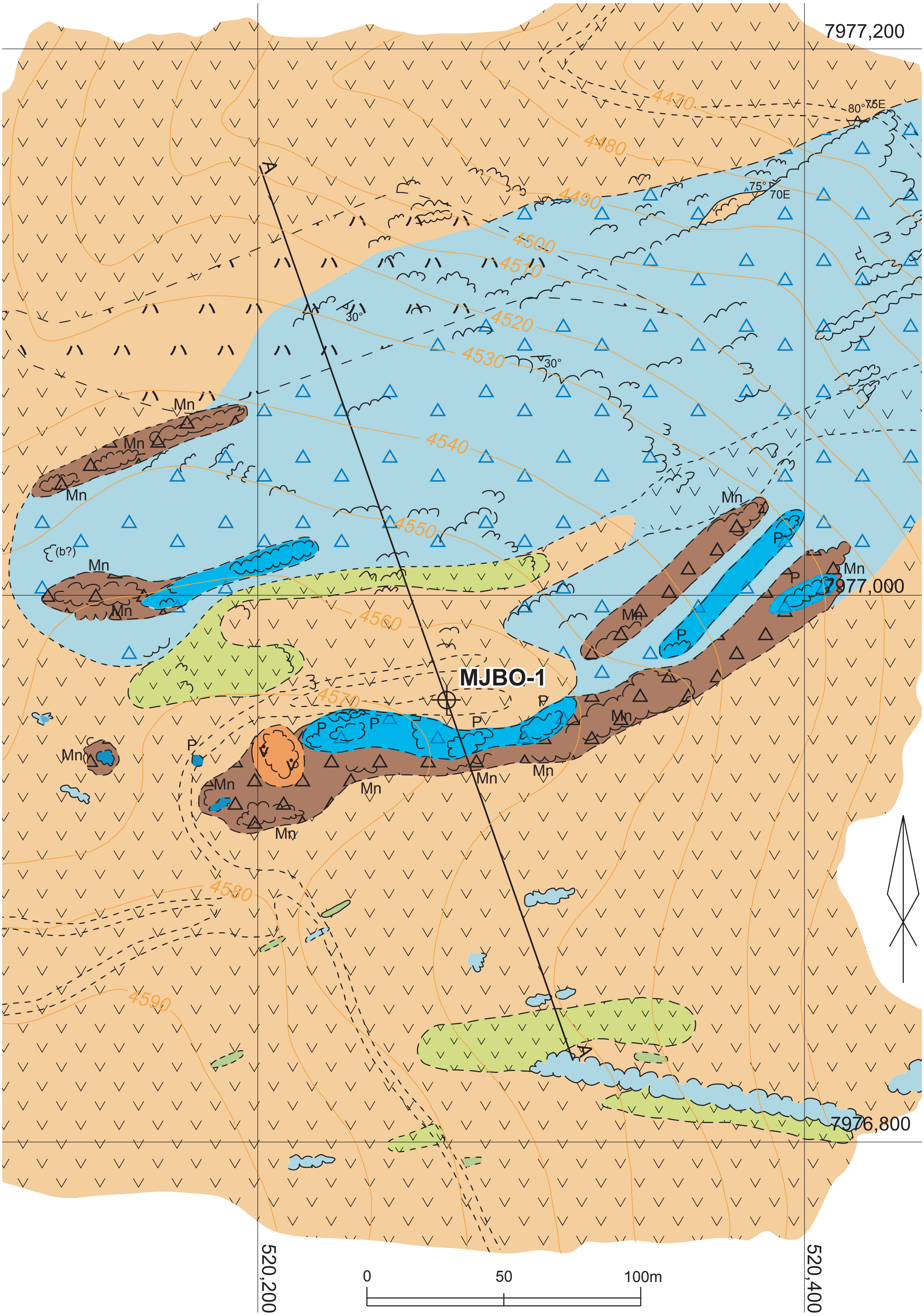


Fig. Ⅱ-3-3(1).Geologic Map of the Drill Hole MJBO-1 Site Area

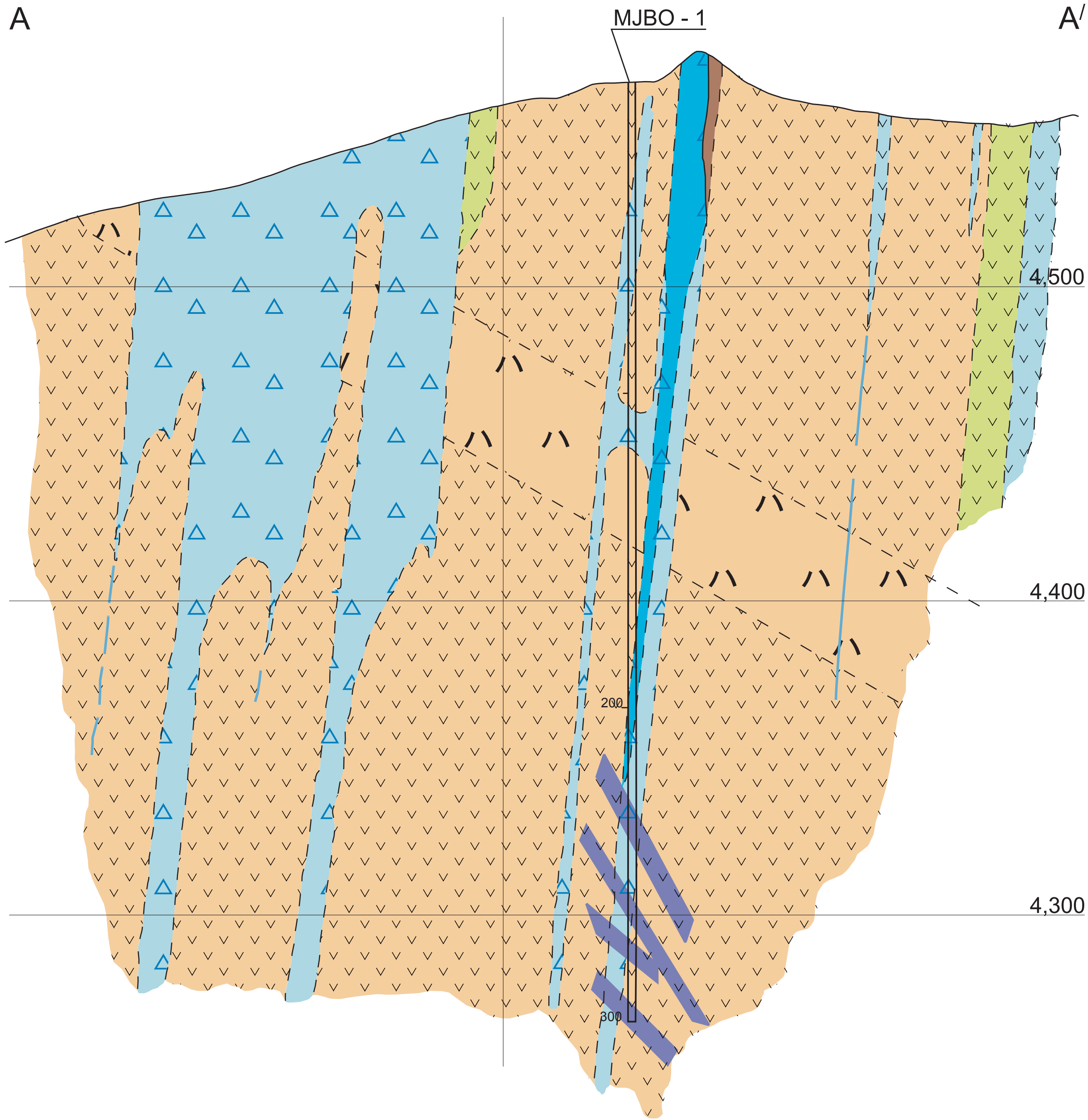


Fig. Ⅱ-3-3(2).Geologic Section of the Drill Hole MJBO-1 dissemination)

230.7～233.6 m: Gray-light gray, moderately argillized lapilli tuff

233.6～246.9 m: Gray, argillized andesite, fault zone

246.9～256.6 m: Gray-dark gray, moderately silicified hydrothermal breccia

256.6～260.3 m: Gray-light gray, moderately argillized lapilli tuff

260.3～269.5 m: Gray, argillized andesite, fault zone

269.5～273.2 m: Greenish gray, moderately silicified andesite

273.2～281,3 m: Gray, moderately-strongly argillized andesite, fault zone

281.3～292.6 m: Gray-light gray, moderately silicified hornblende andesite

292.6～300.0 m: Gray, moderately argillized andesite, fault zone

2) Alteration minerals (X-ray analysis) (Fig. II-3-3 (3))

Cristobalite, tridymite and quartz are confirmed as silica minerals. Tridymite appears between the surface and about 40 m. Cristobalite appears between the surface and about 116 m, and between about 150 m and 170 m. Quartz is distributed all over, but is dominant between about 56 m and 80 m, between about 116 m and 150 m and between about 170 m and well bottom.

Smectite is confirmed in two places, between about 80 m and 116 m and between about 150 m and 160 m, overlapping with cristobalite zones.

The mixed-layer mineral of sericite-smectite is confirmed partly between 130 and 190 m. A small amount of sericite is confirmed below 260 m.

Chlorite is not confirmed by X-ray analysis.

For acidic alteration minerals, kaolinite is confirmed mainly between the surface and about 130 m, and alunite (natroalunite) in some parts between the surface and about 260 m.

Pyrite is confirmed commonly between 84 m and well bottom.

3) Chemical analysis

A total of 140 core samples were collected from this hole for chemical analysis.

The minimum, maximum and average values for each element are shown in Table II-3-2.

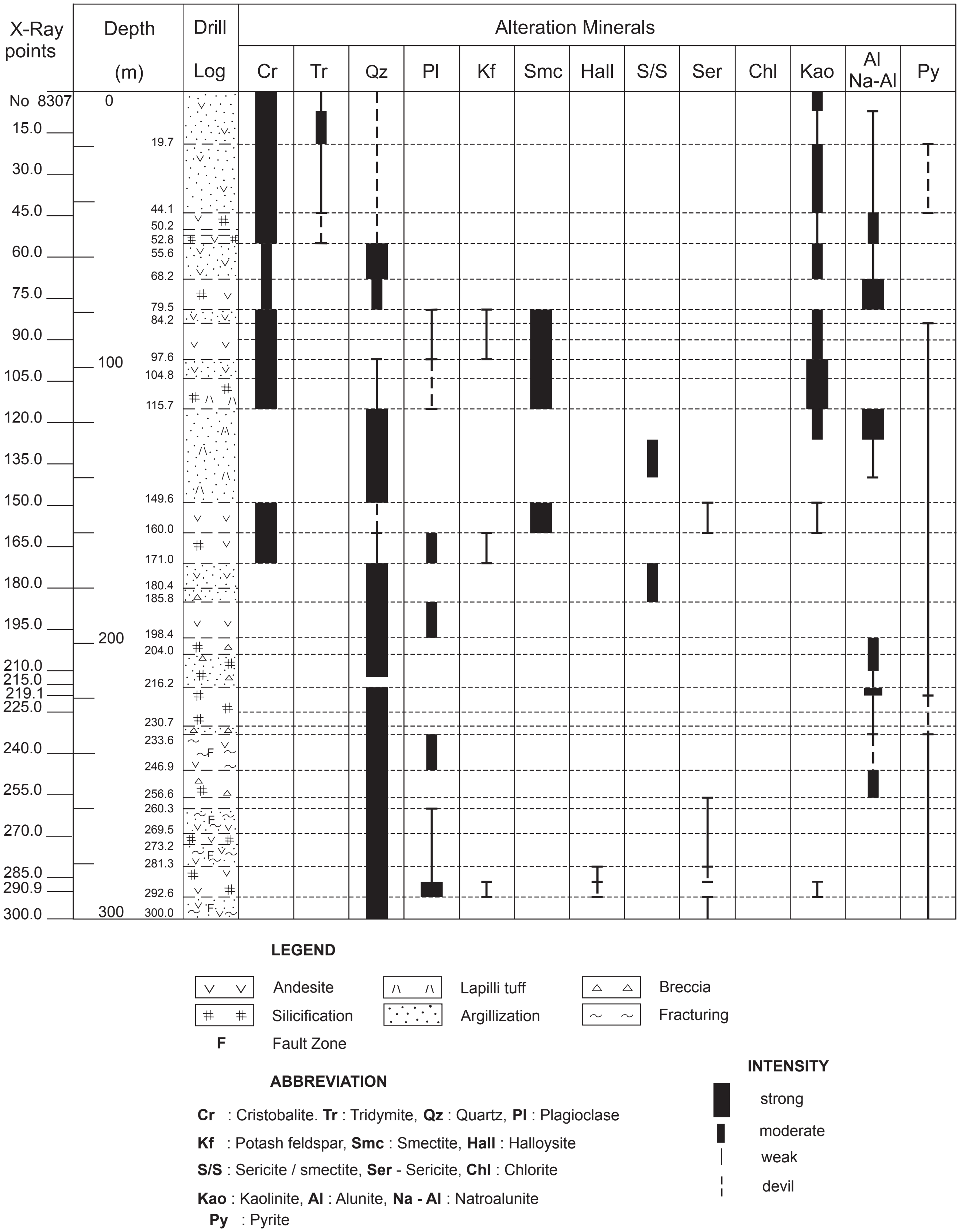


Fig. II - 3 - 3(3) Relative Mineral Abundance (Drill Hole MJBO-1)

Table II-3-2 Result of Chemical Analysis (Drill Hole MJBO-1)

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
Min.	<2	<0.5	4	16	7	<5	<5	<1	<1	46	<5
Max.	4	<0.5	76	3,958	1,548	852	8	3	14	2,086	<5
Ave.	<2	<0.5	27	181	128	63	<5	<1	2	655	<5

Assay distributions of eight elements, excluding silver, mercury and tin are mostly under the detection limits, are shown in Fig. II-3-3 (4). The threshold values of each element are the same as those for surface samples.

Au: All the samples indicate under 4 ppb and show no anomalous value.

Ag: All the samples are under the detection limit.

Cu: All the samples indicate under the anomalous value of 90 ppm and distribute over the entire core.

Pb: Several samples indicate over 400 ppm and show an average value of 2,273 ppm between the 70.0 m and 79.5 m depth.

Zn: Several samples indicate over 230 ppm and show an average value of 1,444 ppm between the 249.0 m and 251.0 m depth.

As: Several samples indicate over 140 ppm and show an average value of 609 ppm between the 68.0 m and 79.5 m depth. As anomalies overlap with lead anomalies.

Sb: All the samples indicate under 8 ppm and show no anomalous value.

Hg: All the samples are under the detection limit and show no anomalous value.

Mo All the samples indicate under 14 ppm and show no anomalous value. The values are slightly high between the 220 m and 230 m depth, which are surmised to be a path of hydrothermal solution.

Ba: Several samples indicate over 1,500 ppm and show an average value of 1,712 ppm between the 205.0 m and 210.0 m depth.

Sn: All the samples are under the detection limit and show no anomalous value.

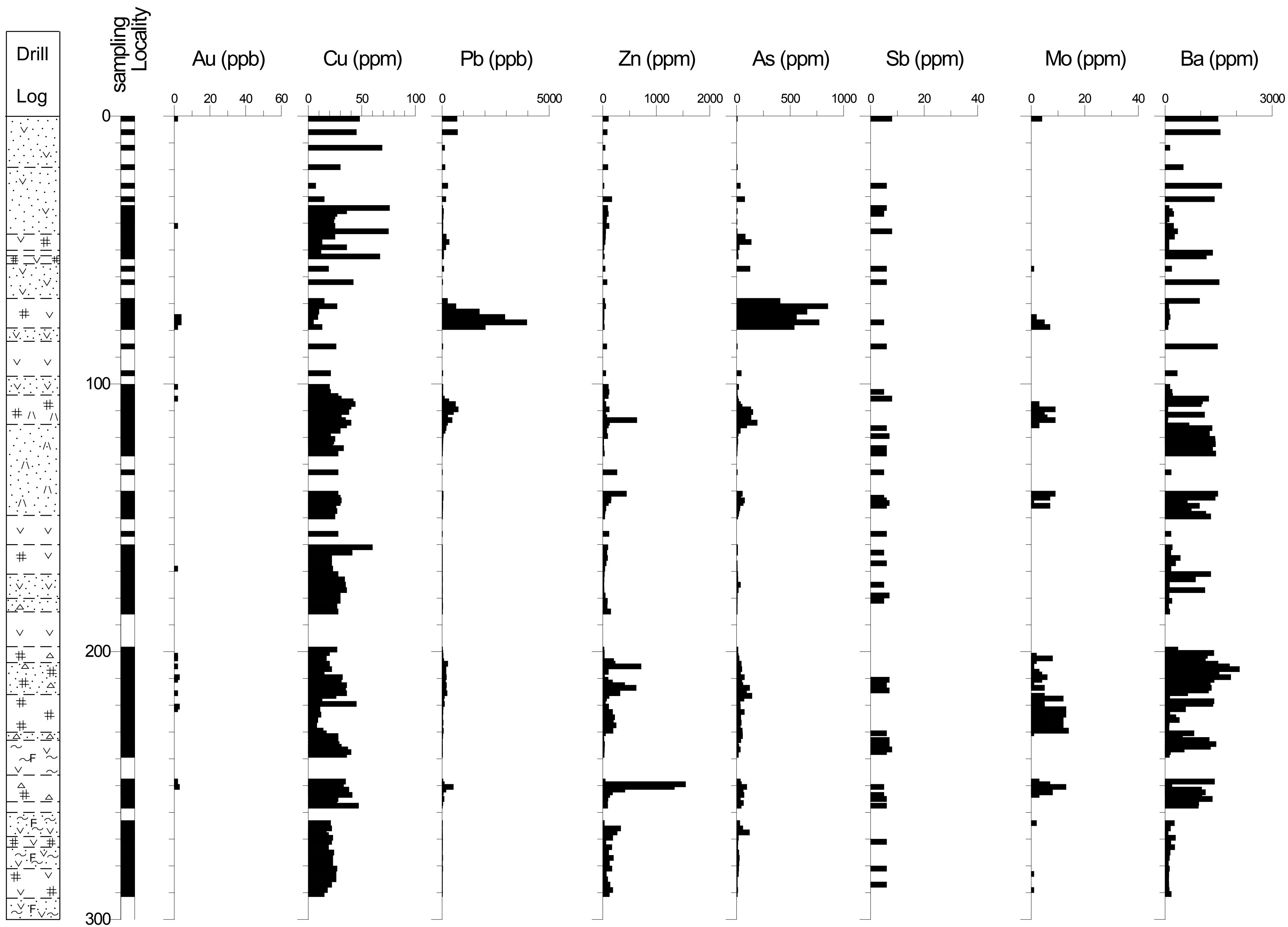


Fig.II-3-3(4) Result of Chemical Analysis (Drill Hole MJBO-1)
(Variation of 8 elements grades in core of drill hole MJBO-1)

(2) MJB0-2 (Figs. II-3-3 (5), (6), (7) and (8))

1) Geology (Core Logging)

0 ～ 21.7 m: Light-brownish gray-light gray, sericitized-weakly to moderately argillized hornblende quartz diorite, oxidized zone

21.7～102.8 m: Light gray - gray, sericitized hornblende quartz diorite (The following cores are a pyrite disseminated sulfide zone)

102.8～166.9 m: Greenish gray-light gray, sericitized hornblende quartz diorite

166.9～186.7 m: Light gray, sericitized-moderately to strongly silicified hornblende quartz diorite

186.7～193.4 m: Grayish white, strongly fractured-strongly silicified hornblende quartz diorite

193.4～198.7 m: Light gray, strongly fractured-moderately argillized hornblende quartz diorite

198.7～201.0 m: Light gray, strongly fractured-moderately argillized hornblende quartz diorite, fault zone

201.0～208.0 m: Grayish white, strongly fractured-moderately to weakly argillized/silicified hornblende quartz diorite

208.0～258.8 m: Greenish gray-light gray, chloritized-very weakly argillized hornblende quartz diorite

258.8～269.0 m: Greenish dark gray-greenish gray, chloritized-epidotized hornblende andesite

269.0～300.0 m: Greenish gray-chloritized hornblende quartz diorite

2) Alteration minerals (X-ray analysis)

Only quartz is confirmed as a silica mineral. Quartz is dominant from the surface to the well bottom.

Sericite is confirmed throughout the entire lengths and is dominant between about 90 and 190 m.

Chlorite appears deeper than about 208 m.

For acidic alteration minerals, kaolinite and alunite (soda-alunite) are confirmed only in some parts.

Pyrite is common between about 30 m and the well bottom.

3) Chemical analysis

A total of 70 core samples were collected from this hole for chemical analysis.

The minimum, maximum and average values for each element are shown in Table II-3-3.

Assay distributions of eight elements, excluding silver, mercury and tin mostly under detection limits, are shown in Fig. II-3-3 (8). The threshold values of each element are the same as those for surface samples.

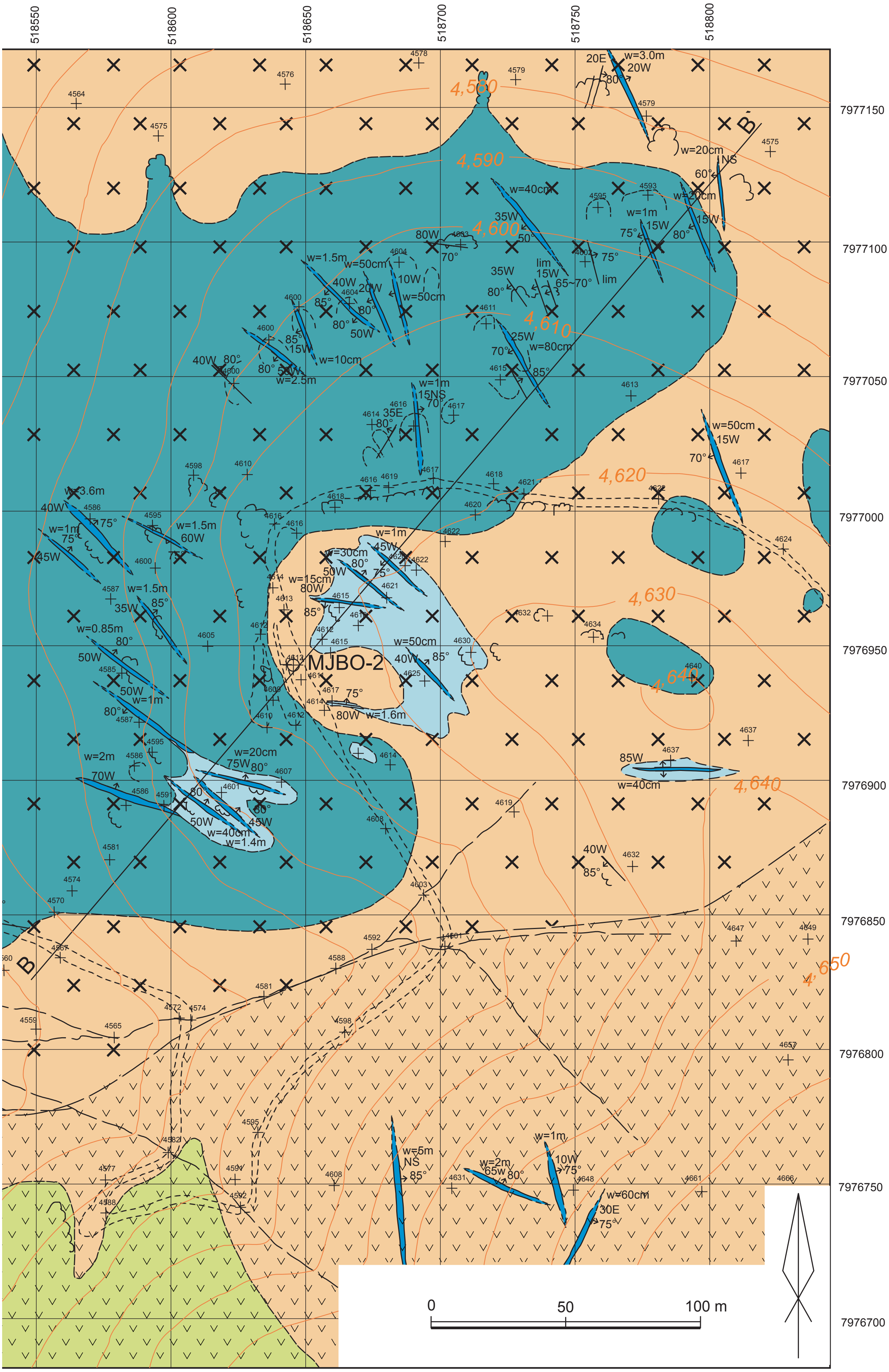


Fig. Ⅱ-3-3(5) Geologic Map of the Drill Hole MJBO-2 Site Area

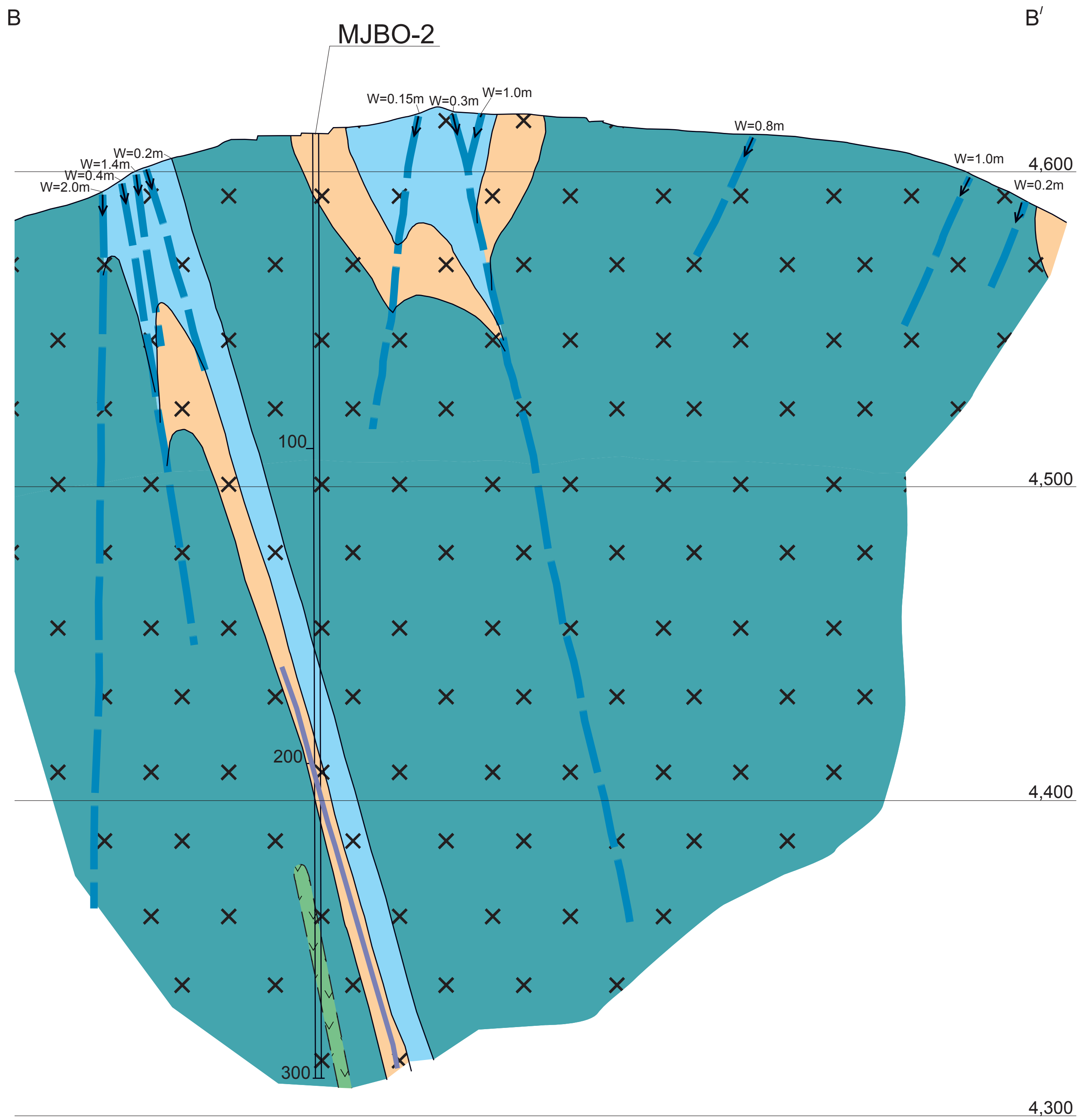


Fig. Ⅱ-3-3(6) Geologic Section of the Drill Hole MJBO-2

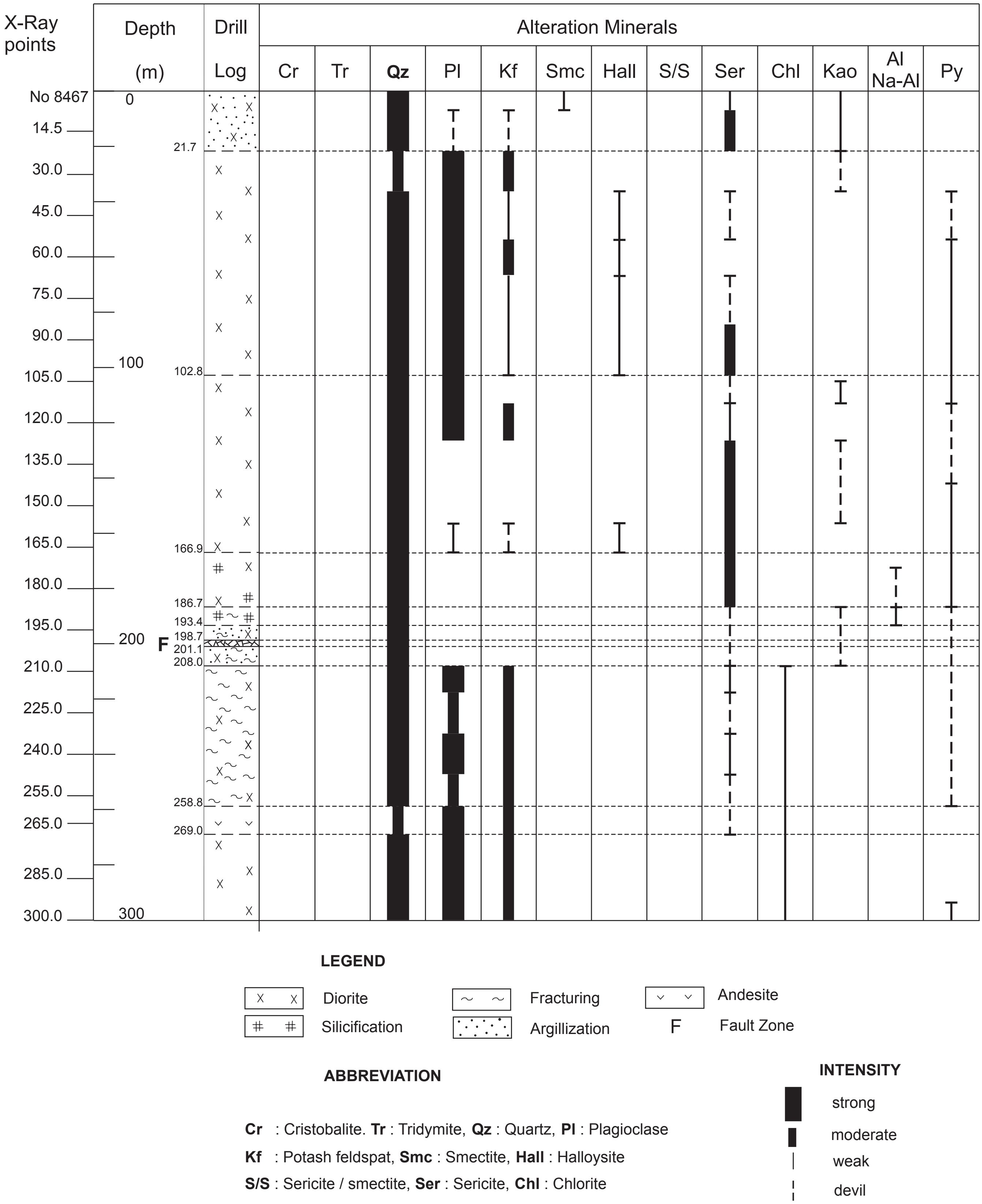


Fig. II - 3 - 3(7) Relative Mineral Abundance (Drill Hole MJBO-2)

Table II-3-3　Result of Chemical Analysis (Drill Hole MJBO-2)

	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
Min.	<2	<0.5	11	30	27	<5	<5	<1	1	91	<5
Max.	51	1.2	61	981	824	24	11	<1	7	1,933	<5
Ave.	12	<0.5	26	212	191	8	7	<1	3	911	<5

Au: All the samples indicate under 51ppb and show no anomalous value.　The values tend to increase in the deeper part

Ag: Most of the samples are under the detection limit.

Cu: All the samples are under the detection limit.　However, the values are slightly high near 176 m and 190 m.

Pb: Two portions indicate anomalous values of 400 ppm and higher. One portion shows an average of 707 ppm between the 170 m and 180 m depth, while another portion shows 620 ppm between the 186 m and 194 m depth.　These anomalous portions coincide with relatively high copper values.

Zn: Several portions indicate anomalous values of 230 ppm and higher.　Two portions show high values.　One portion shows an average of 444 ppm between the 172 and 177 m depth and another portion shows 459 ppm between the 180 m and 188 m depth.

As: All the samples indicate under 24 ppm and show no anomalous value.

Sb: All the samples indicate under 11ppm and show no anomalous value.

Hg: All the samples are under the detection limit and show no anomalous value.

Mo: All the samples indicate under 14 ppm and show no anomalous value.

Ba: Several portions indicate anomalous values of 1,500 ppm and higher.　One portion shows an average of 1,570 ppm between the 205 m and 210 m depth.

Sn: All the samples are under the detection limit and show no anomalous value.

3-4 Considerations

The drilling of MJB0-1 was performed at the foot of Chullcani volcano, where it is inferred to be a local center of hydrothermal fluid activities and geochemical anomalies of copper, lead and arsenic exist.

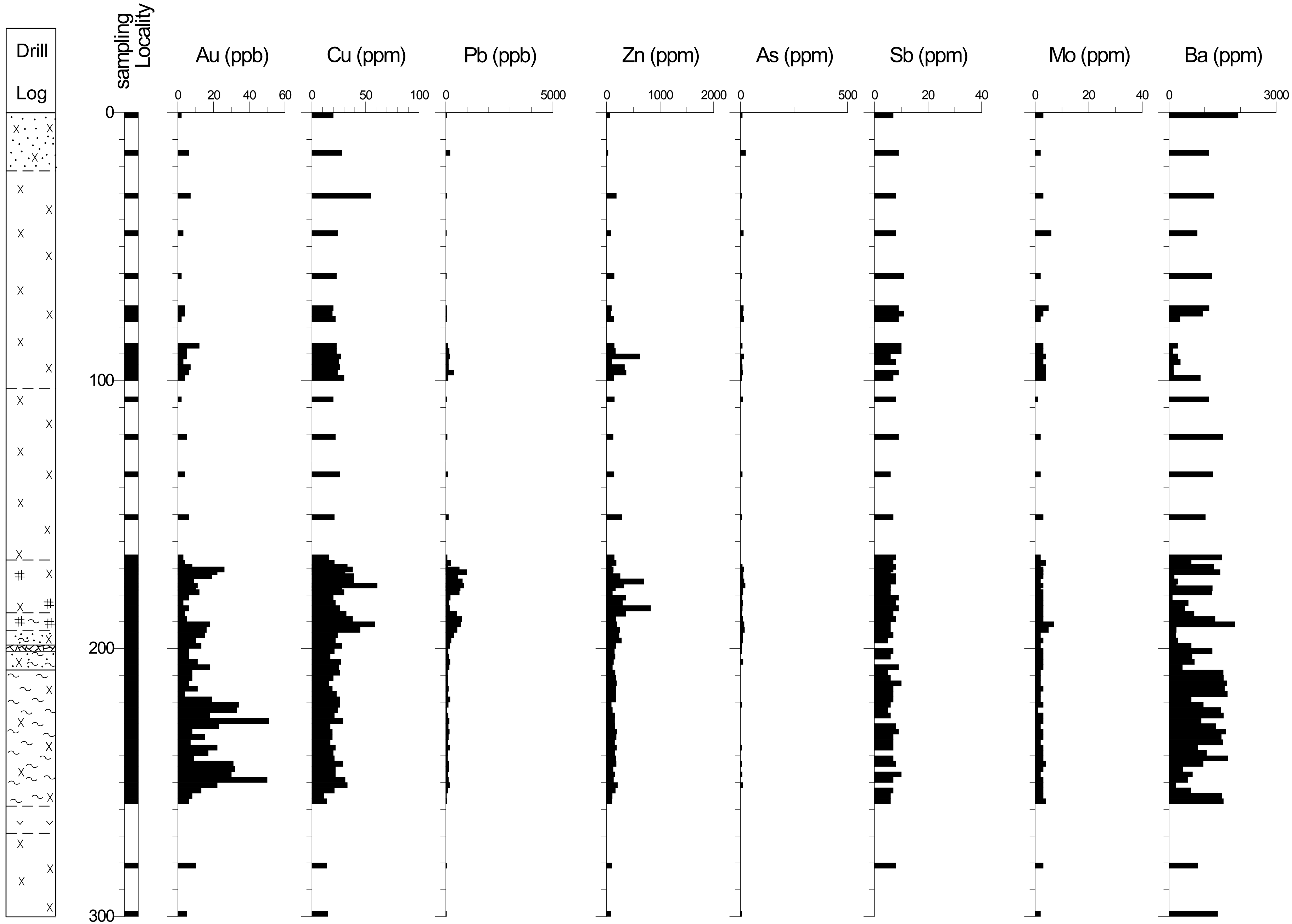


Fig.II-3-3(8) Result of Chemical Analysis (Drill Hole MJBO-2)
(Variation of 8 elements grades in core of drill hole MJBO-2)

Dissemination of native sulfur is also confirmed in an adjacent valley in the east and high sulfidation mineralization is also expected.

The drilling shows that hydrothermal alternation is dominant in general. Dissemination of pyrite is also distributed commonly and active hydrothermal activities are confirmed. Hydrothermal alteration zones are estimated to show a steep inclination of about 80° in the northwest direction. Native sulfur disseminates near 110 m depth and between about 220 and 230 m. Considering the sulfur dissemination at the surface, the supply of a large amount of sulfur is surmised.

Regarding silica minerals, cristobalite disappears at about 170 m depth and a quartz zone is started. In the case of clay minerals, smectite emerged up to about 115 m and both mixed-layer mineral and smectite emerge up to about 185 m. Sericite appears deeper than about 260 m depth and shows temperature increasing toward the deep part.

The chemical analysis of the cores confirms geochemical anomalies of lead and arsenic near 75 m and zinc near 250 m. However, analysis values for gold and silver are extremely low and ther prominent mineralization are not confirmed. Analysis values of tin are all under the detection limit.

The drilling of MJB0-2, located in the center of the Chullcani volcano, was performed on a confirmed intrusive rock body. Geochemical anomalies of gold, lead and antimony are confirmed in the area nearby.

The drilling confirmed andesite in the depth between about 259 m and 269 m. Except andesite, diorite continues in the hole. A silicified-argillized zone accompanied by a fault zone intersects between about 167 m and 208 m. In the MJB0-2 drill hole, the alteration zone is estimated to show a steep inclination at about 75° in the northwest direction.

Only quartz is confirmed as a silica mineral. Among clay minerals, sericite is located at almost all depths, while chlorite emerges deeper than 218 m. This drill hole generally shows a relatively high formation temperature.

The chemical analysis of the cores collected from this hole shows that the gold values are slightly higher than those of the MJB0-1 and anomalies of lead and zinc are observed locally. Analysis values of other elements are extremely low and prominent mineralization is not confirmed. Also analysis values of tin are all under the detection limit.

Nevertheless, there are possibilities that ore deposits may exist deep in the southeastern part based on the following observations. Ore deposits are not necessarily confirmed in all intrusive rocks or domes as observed in the Todos Santos ore deposit. A quartz-sericite alteration zone stretches to the southeastern part, indicating that diorite may lay deep inside. In the adjacent southeastern part, hydrothermal breccia and breccia pipes are observed widely, indicating the intensive hydrothermal activities.

The mineralization in the Chullcani District is estimated to have caused epithermal gold mineralization related to intrusive activities in shallow parts and in some parts, high sulfidation hydrothermal activities.

It is consided that the mineralization may be weak in this area.

PART III CONCLUSIONS AND RECOMMENDATIONS

Chapter 1　Conclusions

The surveys in Phases I and Ⅱ revealed that the hydrothermal alteration zones widespread in the Oruro-Uyuni region are likely to host epithermal ore deposits at depth. It is assumed an epithermal deposit, rich in gold, silver, lead and zinc, related to shallow volcanic rocks; epithermal deposit of precious metals related to hypabyssal intrusive rocks (upper part of porphyry type deposit?); high sulfidation type of gold, silver copper ore deposit (quartz-alunite vein type); and low sulfidation type (quartz-adularia vein type) are expected.

Promising districts were identified. In PhaseⅢ, four districts were selected from these promising districts and surveys were conducted. The results of the surveys in these districts are summarized below.

Turaquiri district

The Phase Ⅲ survey revealed distributions of Middle to Upper Miocene sedimentary rocks and Miocene to Pliocene volcanic rocks and the presence of andesite intrusive rock. Although signs of local gold anomalies are just confirmed in areas around this intrusive rock., it seem to be small in size.

Many ore veins are confirmed northwest of the Turaquiri deposit. Most veins, however, are less than 10 cm in vein width and mineralizations of network and dissemination types are not confirmed.

Variations of ore minerals are confirmed. Centering on the Turaquiri Vein, the veins change from lead and zinc veins to manganese dioxide veins in the northwest and clay veins farther outside.

The foregoing observation suggests that veins beneath the manganese dioxide veins in the northwestern part of the area surveyed in Phase Ⅲ might change to silver-lead-zinc-copper bearing vein , but they are insufficient size for a bulk mining operation.

Chullcani district

The igneous activity of Chullcani Volcano started around 6.5 Ma. Wide hydrothermal alteration zones were formed through the intrusions of diorite and andesite and hydrothermal activity caused by intrusions. It is interpreted that subsequent erosion denuded the center part of the volcanic body and that a dome and mesa of basalt were formed from Late Pliocene to Pleistocene (See Fig. II-2-2 (4)). Distribution of a quartz-sericite alteration zone shows that diorite intrusive rock is the center of hydrothermal activity.

Dominant hydrothermal alteration is confirmed throughout the MJBO-1 drill hole, it is inferred to be a local center of hydrothermal fluid activity. The assemblage of alteration minerals suggests that a temperature rising toward the deep part. A chemical analysis shows anomalies of lead, arsenic and zinc in some parts. However, prominent mineralization is not confirmed. Silicified - argillized zone associated fault zone intersects diorite in the MJBO-2 drill hole.

Geochemical analysis shows that gold mineralization is only slightly higher than that for the MJB0-1 drill hole and prominent gold mineralization are not confirmed. The steep structure of alteration is confirmed in both drill holes.

The facts that intrusive rock is exposed on the surface and the gold geochemical anomaly on the surface is not dominant in the drill holes suggest possibilities that gold mineralization was weak in general. However, because existing ore deposits are not necessarily embedded all over the intrusive rock and in domes as in the Todos Santos ore deposit surveyed in Phase II, and a quartz-sericite alteration zone stretches to the southeastern part and diorite may probably exist in the deep part, and hydrothermal breccia and breccia pipes are distributed in the adjacent southeastern part suggest intensive hydrothermal activity. Possibilities remain for epithermal gold ore deposition in the northeast part of the MJBO-2 drill hole related to an intrusive activity in shallow parts.

Sonia - Susana district

In Jankho Kkollu prospect in the Sonia-Susana district, the survey revealed that the dacite intruded into a single stratovolcano and the center part of the volcano was exposed due to erosion. It is possible that the volcano was formed later than the time when the Carangas Formation was formed in Middle Miocene, instead of Upper Oligocene to Lower Miocene.

Many lead-zinc bearing barite-quartz veins are confirmed in areas south of the intrusive rock body. The limonite veins are confirmed north of the intrusive rock body.

Judging from the existence of neutral hydrothermal alteration and intrusive rock, the mineralization of this area is estimated to be a epithermal type silver, lead, zinc and copper mineralization related to a hypabyssal intrusive activity in a shallow place. However, ore veins in the south part are discontinuous and small in size. The veins in the northern part are also very small. Therefore, ore deposits are not expected to be large.

The geochemical anomaly of molybdenum shows that the porphyry type mineralization is still expected for the Santa Catalina Prospect. However, positive showings suggesting its existence, are not confirmed in this survey.

Mendoza district

Volcanic rocks consisting mainly of dark gray andesite lava and pyroclastic rocks dominate this area. All rocks have undergone hydrothermal alteration (argillization and silicification). A large number of lead-zinc bearing veins are confirmed in propylitic rock in the Iranuta section.

Based on the results of the geochemical analysis, the distribution of geochemical anomalies and hydrothermal alteration minerals, the mineralization in the Iranuta section is believed to have been caused by rhyolite intrusive rocks in the north and that the mineralization is different from Mt. Chorka. These ore veins are believed to exposed relatively deep parts of the vein systems as epithermal ore deposits and large-scale ore deposits are not expected.

The acidic alteration, confirmed on the upper north slope of Mt. Chorka and is inferred to be caused by magma, overlaps with geochemical anomalies of gold, copper, arsenic, antimony and mercury. A high sulfidation type mineralization is expected there.

An existence of intrusive rock is estimated below places near the top of Mt. Chorka because of dominant hydrothermal activity in the area. Possibilities for epithermal gold and silver ore deposits related to hypabyssal intrusive activity in shallow places are high. However the size of the mineralization may be small because Mt. Chorka is interpreted as a single stratovolcano.

Chapter 2　Recommendations for the future

There are no strong reasons for further exploration can be suggested as the result of the project, although the survey revealed detailed information for the geology and mineralization of the area.

However, the recommendations for further explorations are summarized as follows, for in case of re-evaluating the potentiality of the Oruo - Uyuni Area and the adjacent Western Andes Region.

(1) Recommendations for exploration of epithermal type mineralization

The analysis of remote sensing data is a useful tool for selecting a hydrothermal alteration zone from a wide area. The potential mineralized zone should be selected by geochemical investigations. Further detailed geological investigations should be mentioned with the following viewpoints.

i) Existence of ore bringers (domes and intrusive rocks).

ii) Existence of hydrothermal fluid (mineralized solution) paths (fractures, hydrothermal breccias and breccia pipes).

iii) Repetitive supply of hydrothermal fluids (overlap of igneous activities).

The analytical study should be mentioned for the following viewpoints.

a) Dissection degree of volcano: distribution of igneous rock age, homogenization temperature of fluid inclusions, geochemical anomalies and alteration minerals, etc.

b) Evaluation of the vertical and lateral position in the mineralization system: distribution of alteration minerals, geochemical anomalies and mineral assemblage of veins.

Those districts with high potential that are narrowed down in this detailed geological survey should preferably conduct geophysical exploration and drilling exploration to reveal the geological structures and mineralization at deeper parts.

(2) Recommendations for exploration of porphyry type mineralization

Th mineralized age of Chilean porphyry copper deposits have a tendency to become younger from west to east. It shows the potentiality of this type mineralization in the volcanic region of the Western Bolivian Andes. But at the younger volcanoes, the porphyry type mineralization would be located quite deep underground if it exists.

Therefore it is desirable for a detailed investigation of volcanic stratigraphy (especially age dating of volcanic rocks) of the Western Andes Region as basic information for the explorations.

It also should be important information for the exploration of the epithermal type mineralization mentioned above.

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Appendices

Appendix 1

Sample List of Laboratory Works

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
1	7601	X						50c m-sil>m-arg	75W90	Turaquiri		7,995,092	560,792	<2	<.5	10	41	122	9	10	<1	<1	1770	<5
2	7602	X						m-arg wk sil tfbrc	80E	Turaquiri		7,994,712	560,644	<2	<.5	12	60	98	<5	8	<1	<1	1550	<5
3	7603	X						rodado of Mn Ba v(block)		Turaquiri		7,994,816	560,665	<2	14.6	43	328	3161	10	13	<1	3	1054	<5
4	7604	X						Mn Ba Qtz in 3m m-sil m-arg	80W	Turaquiri		7,994,927	560,772	2	31.3	35	140	3317	9	39	<1	9	1318	<5
5	7605		X			X	X	Qtz Mn (Ba) v grn Cu Py imp Pb	dump	Turaquiri		7,994,713	560,465	<2	279	4008	16393	9808	42	140	<1	5	933	<5
6	7606	X						Ba Mn v	dump 58E74S?	Turaquiri		7,994,654	560,437	<2	138.1	161	4312	5124	26	21	<1	<1	2467	<5
7	7607	X						s-arg Q v let rock	dump 58E74S?	Turaquiri		7,994,654	560,437	<2	19.4	62	4984	942	31	8	<1	1	1501	<5
8	7608	X						m(-s)arg lptf(pmc?)		Turaquiri		7,994,487	560,488	<2	<.5	17	39	98	<5	11	<1	<1	1692	<5
9	7609	X						s-arg wk-sil wk ox lptf		Turaquiri		7,994,418	560,558	4	<.5	7	27	14	<5	10	<1	3	1034	<5
10	7610		X	X		X	X	50c Qtz Ba Pb Cu		Turaquiri		7,994,158	561,006	<2	166.6	4730	98700	34513	33	33	<1	12	95	<5
11	7611						X	v-wk arg(pl-wht) csg bt An		Turaquiri		7,994,399	561,043											
12	7612				X		X	wk propy clacitic(Qtz rich) lptf		Turaquiri		7,994,598	560,843											
13	7613				X		X	wk sil(?) lptf	no Qtz no pwe	Turaquiri		7,994,674	560,749											
14	7614						X	vlc ss-cgl	10W20	Turaquiri		7,994,794	560,810											
15	7615			X				m-sil>m-arg		Turaquiri		7,994,979	560,768											
16	7616				X		X	fresh dacitic(with Qtz) lptf		Turaquiri		7,995,427	560,951											
17	7617				X		X	reddish gry (vlc) ss-grn		Turaquiri		7,995,417	561,470											
18	7618				X		X	dacitic(Qtz rich) fng tf	fresh	Turaquiri		7,994,731	561,469											
19	7619						X	m-sil fng Qtz tf		Turaquiri		7,994,879	561,171											
20	7951	X						50c m-arg wk-sil in drk gry csg An		Turaquiri		7,994,399	561,043	<2	2.6	35	297	1185	7	9	<1	2	1660	<5
21	7952	X				X		w=3m Mn Ba V in csg An	75E	Turaquiri		7,994,404	561,008	<2	5	25	1401	1240	17	32	<1	<1	158	8
22	7953	X						80c m-arg in drk gry csg bt An	30W(general joint)	Turaquiri		7,994,416	560,950	<2	<.5	9	29	74	<5	11	<1	2	1336	<5
23	7954	X					X	Csg bt an with silv	wk brctd?	Turaquiri		7,994,449	560,899	<2	<.5	12	35	70	<5	9	<1	<1	1281	<5
24	7955	X						60c m-arg,wk sil v	bed 20E25N	Turaquiri		7,994,674	560,789	<2	1.1	15	293	164	6	8	<1	<1	2707	<5
25	7956	X		X				30c s-sil m-arg v	EW80N	Turaquiri		7,994,706	560,695	<2	<.5	4	32	43	6	8	<1	<1	1577	<5
26	7957	X						50c w-m arg v	80W	Turaquiri		7,994,793	560,658	<2	<.5	9	31	70	<5	8	<1	<1	1414	<5
27	7958	X			X		X	gry tf brc mtrx:wk sil	bed 20E10W	Turaquiri		7,994,871	560,670	<2	<.5	24	24	94	<5	11	<1	<1	1343	<5
28	7959		X			X	X	30c sil Qtz v with grn Cu	85W75S	Turaquiri		7,994,960	560,744	<2	12.1	392	1477	10004	74	9	<1	8	2629	<5
29	7960	X		X				60c Mn Ba V	85W75S	Turaquiri		7,994,960	560,744	<2	8.4	58	975	5179	16	7	<1	<1	358	<5
30	7961	X						2m Mn-Ba v with Qtz, Cal?	85W75N	Turaquiri		7,995,043	560,747	<2	3.5	38	241	671	24	8	<1	<1	451	<5
31	7962	X					X	Ba+hmt v	80E85N?	Turaquiri		7,994,921	560,890	2	39.3	398	9144	3446	17	<5	<1	<1	4611	<5
32	7963		X			X	X	Mn-Qtz(Ba)-chl+Qtz v,	Pb(Zn) dump	Turaquiri		7,994,701	561,055	3528	337	144	4282	7842	123	<5	<1	3	4039	<5
33	7964	X			X			1m m-sil m-arg v	70E90	Turaquiri		7,994,733	561,041	5	1.1	3	39	263	401	14	<1	2	3200	<5
34	7965	X						40c brc Mn Ox(Ilm) v		Turaquiri		7,994,799	561,057	5	13	51	127	1350	72	5	<1	4	2591	<5
35	7966		X			X		Qtz(Mn) Pb v	dump	Turaquiri		7,994,831	561,026	210	137.7	38	28100	703	66	53	<1	12	9707	<5
36	7967	X		X			X	2m Ba+Qtz(Mn limo)	52W80S	Turaquiri		7,994,872	560,967	2	33.8	4	130	433	23	14	<1	<1	1061	<5
37	7968	X						1m Q Ba Mn wk limo wk brc	EW85N	Turaquiri		7,994,840	560,924	<2	66.8	111	1154	186	15	8	<1	4	4799	<5
38	7969	X						w=1.5m m-sil m-arg limov	80E90	Turaquiri		7,994,864	560,812	<2	<.5	4	59	146	5	13	<1	<1	2306	<5
39	7970	X						Mn Q Ba v	dump 85W85S?	Turaquiri		7,994,765	560,777	4	13.9	17	96	813	10	23	<1	5	120	<5
40	7971	X		X				m-sil lptf(-pwetf)v-wk limo	joint80E dominant	Turaquiri		7,994,994	561,081	<2	<.5	3	30	589	421	11	<1	3	1214	<5
41	7972	X						w-m sil lptf w=2m	sil-strct 70W	Turaquiri		7,995,059	561,089	<2	<.5	3	31	587	6	8	<1	1	1540	<5
42	7973	X					X	50c vs-sil v	EW90	Turaquiri		7,995,549	561,111	<2	<.5	5	70	23	28	5	<1	13	1003	<5
43	7974	X						30c s-sil brctd and		Turaquiri		7,994,909	561,174	33	1.6	<2	29	609	304	13	<1	7	1053	<5
44	7975	X						30c]sil+limo v	80W90	Turaquiri		7,994,937	561,183	25	4.1	3	956	662	584	11	<1	13	1237	<5
45	7976	X						w-m-sil gry-lgry, lptf with Qtz		Turaquiri		7,995,247	561,604	<2	<.5	101	23	52	5	8	<1	3	1148	<5
46	7977							mdg bt An fld～3-5mm		Turaquiri		7,995,126	561,608											
47	7978	X						wk limo wk sil m-s arg mdg An	vith Ba Mn strct 60v	Turaquiri		7,995,057	561,531	4	1.9	16	54	354	175	7	<1	3	3072	<5
48	7979	X						m-arg propy An with limo Mn	75W70S? Dump	Turaquiri		7,994,799	561,316	339	7.6	118	1052	6491	266	10	<1	8	6856	<5
49	7980	X		X				30c Mn v	80W80S	Turaquiri		7,994,840	561,276	46	1.7	19	2751	8795	176	11	<1	26	1370	<5

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
50	7981	X					X	m-sil wht gry tf	with φ2mmQtz	Turaquiri		7,994,997	561,313	14	6.3	4	1090	150	50	8	<1	7	1567	<5
51	7982	X		X				5c sil v in m-sil csg bt An	60E80N	Turaquiri		7,994,990	561,458	20	4.3	36	1299	314	146	9	<1	11	2797	<5
52	7983				X		X	csg bt an pl-wht(wk arg)		Turaquiri		7,994,866	561,439											
53	7984	X						30c Ba Q Mn v	80W75S	Turaquiri		7,995,038	560,885	<2	3.5	<2	20	42	11	12	<1	2	308	<5
54	7985				X		X	fng bt an vwk arg(pl-wht)		Turaquiri		7,995,193	560,895											
55	7986	X						80c brectd w-arg fng an wklimo	EW90(wk hyd brc?)	Turaquiri		7,995,215	560,895	<2	<.5	5	36	387	475	14	<1	<1	1489	<5
56	7987						X	andesitic? tfbrc		Turaquiri		7,995,513	560,652											
57	7988	X						m-arg wk sil csg(porphy) bt An	dump	Turaquiri		7,994,397	560,706	<2	<.5	6	26	37	5	10	<1	<1	1188	<5
58	7989	X						m-arg csg lptf wktkh limo Mg		Turaquiri		7,994,416	560,672	<2	13.7	221	748	2574	18	8	<1	<1	9735	<5
59	7990	X		X				w-arg csg an		Turaquiri		7,994,488	560,741	<2	<.5	16	23	43	7	8	<1	<1	1094	<5
60	7991	X						m-arg m-sil an	dump	Turaquiri		7,994,621	560,573	<2	<.5	6	50	128	<5	9	<1	<1	1515	<5
61	7992	X						6m Ba Mn Cal Qtz v	75E85S	Turaquiri		7,994,647	560,560	3	5.5	66	502	1953	78	<5	<1	<1	2212	<5
62	7993	X						w=30cm Qtz Ba Mn v	80E80S	Turaquiri		7,994,757	560,571	<2	153.5	220	2697	1620	22	24	<1	8	6892	<5
63	7994	X		X				w=1m m-arg v	60W75N	Turaquiri		7,995,241	560,687	3	0.7	10	60	99	<5	11	<1	<1	1336	<5
64	7995	X						w=2m m-arg	65W	Turaquiri		7,995,109	560,739	<2	<.5	16	58	97	<5	10	<1	<1	1433	<5
65	7996	X					X	1m m-arg limo hyd brc w-sil		Turaquiri		7,995,401	560,976	<2	2	33	80	23	7	12	<1	4	1155	<5
66	7997	X						10m sil v	25E90	Turaquiri		7,995,466	560,986	<2	<.5	7	73	119	<5	6	<1	2	1298	<5
67	7998	X						m-arg wk-sil hyd bre		Turaquiri		7,995,508	561,027	<2	0.9	6	44	43	<5	9	<1	<1	1566	<5
68	7999	X						w=30cm m-sil>m-arg v	80W90	Turaquiri		7,995,153	560,800	<2	<.5	11	57	149	<5	13	<1	<1	1610	<5
69	8000	X						Ba Mn Cal? V		Turaquiri		7,995,174	560,867	2	69.9	132	1186	9409	258	15	<1	<1	11570	<5
70	8101						X	Banded lithic tf		Chullcani		7,977,056	520,387											
71	8102						X	drk gry bt-hb an		Chullcani		7,976,114	520,557											
72	8103				X		X	poprph bt-an mdg-csg		Chullcani		7,976,818	520,817											
73	8104							lght gy arg-sil v		Chullcani		7,976,455	520,048											
74	8105							arg, sil ox hydbx		Chullcani		7,976,139	520,603											
75	8106						X	lght gry sil porphy an py imp		Chullcani		7,976,419	519,820											
76	8107						X	ylw lght gry m-arg an py imp		Chullcani		7,976,379	519,795											
77	8108						X	lght gry sil an		Chullcani		7,976,164	519,867											
78	8109							bt-hb an	MJBO-1 12.5m	Chullcani		7,976,961	520,272											
79	8110							m-arg an	MJBO-1 26.5m	Chullcani		7,976,961	520,272											
80	8111							drk gry hb-px an		Chullcani		7,976,107	520,573											
81	8112							hb-an		Chullcani		7,976,120	520,570											
82	8113							px-hb-an		Chullcani		7,976,129	520,585											
83	8114							wht lithic tf		Chullcani		7,977,656	521,742											
84	8115							an		Chullcani		7,976,772	520,284											
85	8116							s-sil rock		Chullcani		7,976,725	520,302											
86	8117							sil-aln rock		Chullcani		7,976,979	520,150											
87	8118			X				wht-ple brn wht arg		Chullcani		7,976,696	520,416											
88	8119							wht arg		Chullcani		7,976,874	520,160											
89	8120							lgt gry w-arg and		Chullcani		7,976,529	519,909											
90	8121			X				wht arg and		Chullcani		7,976,455	519,850											
91	8122			X				ple brn wht sil arg and (Al)		Chullcani		7,977,291	519,770											
92	8123			X				ple brn wht w-arg		Chullcani		7,977,562	519,395											
93	8124			X				ple brn wht arg and		Chullcani		7,977,810	519,796											
94	8201	X						ple brn bx pipe 5mx7m		Chullcani		7,977,547	519,382	14	1.8	19	44	<2	42	7	<1	5	3150	<5
95	8202	X						ple brn sil>arg and		Chullcani		7,977,758	519,408	<2	1.4	14	119	9	53	9	<1	10	1064	<5
96	8203	X		X				ple brn wht glassy and		Chullcani		7,977,964	519,661	<2	<.5	7	5	11	10	<5	<1	2	1466	<5
97	8204	X						plw brn wht glassy and?		Chullcani		7,977,964	519,709	<2	<.5	6	32	11	10	7	<1	1	747	6
98	8205	X						plw brn wht glassy and?		Chullcani		7,977,901	519,807	<2	1.5	100	18	19	98	15	<1	8	1849	12

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
99	8206	X		X				ple brn wht s-sil and		Chullcani		7,977,710	519,725	<2	<.5	39	30	18	19	6	<1	2	153	<5
100	8207	X						ple brn wht s-sil(part bx) and part glassy		Chullcani		7,977,635	519,709	<2	<.5	27	16	9	27	5	<1	2	1299	<5
101	8208	X						ple brn wht sil-arg and		Chullcani		7,977,507	519,684	<2	<.5	23	19	9	11	9	<1	3	1482	<5
102	8209	X						ple brn wht(glassy) and		Chullcani		7,977,482	519,899	<2	<.5	30	26	9	14	8	<1	<1	241	<5
103	8210	X						ple brn wht sil bx and		Chullcani		7,977,625	519,797	<2	<.5	23	87	13	8	6	<1	2	1505	<5
104	8211	X						lgt gty-wht vs-sil rock		Chullcani		7,977,683	519,942	<2	<.5	12	22	5	10	7	<1	<1	1194	<5
105	8212	X						lgt gry-ple brn wht vs-sil and		Chullcani		7,977,851	519,914	<2	<.5	26	38	12	15	<5	<1	2	1384	<5
106	8213	X						lim bx {-10c sil rock, glassy rock}fragment		Chullcani		7,977,986	520,394	<2	<.5	9	4	9	17	<5	<1	1	1844	<5
107	8214	X						lim arg ple brn bx, tf sil(glassy) and	bx: φ<1m	Chullcani		7,977,907	520,547	<2	<.5	46	34	40	63	9	<1	<1	1413	<5
108	8215	X						ple brn wht sil(arg) sil vetilla		Chullcani		7,977,605	520,683	<2	<.5	12	32	18	13	8	<1	<1	1596	<5
109	8216	X		X				lgt gry-ple brn lim		Chullcani		7,977,587	520,441	<2	<.5	4	12	9	20	<5	<1	1	1754	<5
110	8217	X						lgt gry s-sil, bx and(glassy)		Chullcani		7,977,630	520,286	<2	<.5	6	21	7	14	<5	<1	<1	1503	<5
111	8218	X		X				lgt gry-wht vs- sil and?		Chullcani		7,977,737	520,180	<2	<.5	4	30	12	6	<5	<1	<1	1626	<5
112	8219	X						lgt gry vs-sil and part glassy	E-W outcrop	Chullcani		7,977,729	520,120	<2	<.5	5	25	9	8	6	<1	<1	1008	<5
113	8220	X						lgt gry wht-ple brn wht s-sil and, wht sil net		Chullcani		7,977,567	520,026	<2	<.5	8	39	15	27	7	<1	<1	1058	<5
114	8221	X						wht silica cut othec sil and	silica precipitated bx	Chullcani		7,977,512	520,013	<2	<.5	3	34	7	<5	<5	<1	<1	907	<5
115	8222	X						lgt gry-wht s-sil and part bx pary glassy	outcrop without dire	Chullcani		7,977,550	520,210	<2	<.5	21	28	15	20	7	<1	3	640	<5
116	8223	X						lgt gry s-sil and		Chullcani		7,977,487	520,392	<2	<.5	17	42	19	29	10	<1	<1	1295	<5
117	8224	X						ple brn wht s-sil		Chullcani		7,976,690	519,744	4	<.5	4	404	6	<5	7	<1	4	1534	17
118	8225	X					X	ple brn sil rock, breccia pipe:φ<10m		Chullcani		7,976,319	519,456	88	4.4	7	15	9	15	<5	<1	10	2897	<5
119	8226	X						bx pipe		Chullcani		7,976,287	519,563	23	<.5	<2	77	19	<5	6	<1	<1	1222	<5
120	8227	X						ple brn wht s-sil and		Chullcani		7,976,276	519,698	<2	<.5	3	27	4	15	9	<1	2	1135	<5
121	8228	X						yel wht s-sil and		Chullcani		7,976,185	519,677	<2	<.5	<2	21	9	16	9	<1	<1	970	<5
122	8229	X						sil hydro bx E-W w:60°		Chullcani		7,976,187	519,825	<2	<.5	6	16	3	<5	<5	<1	8	1090	<5
123	8230	X						gry-brnlim sil, bx hydro	N85W	Chullcani		7,976,212	519,916	41	0.5	26	53	6	36	24	<1	8	3079	7
124	8231	X						ple brn wht sil>arg and py imp		Chullcani		7,976,318	519,930	<2	<.5	18	23	81	<5	8	<1	<1	1597	<5
125	8232	X						ple brn wht-lgt gry-drk gry and m-sil, w arg py imp 2-3%		Chullcani		7,976,376	519,852	<2	<.5	11	24	16	<5	7	<1	<1	1716	<5
126	8233	X						ple brn wht sil arg and, py		Chullcani		7,976,457	519,929	<2	<.5	19	21	11	<5	6	<1	<1	1805	<5
127	8234	X						ple brn wht-gry and py imp sil>arg		Chullcani		7,977,108	520,243	<2	<.5	10	19	23	<5	8	<1	<1	1630	<5
128	8235	X						ple brn wht, lim-sil and		Chullcani		7,976,230	519,890	<2	<.5	4	21	12	44	<5	<1	2	1680	<5
129	8236	X		X				ple brn wht m arg and		Chullcani		7,976,455	520,048	<2	<.5	7	21	9	<5	10	<1	<1	1989	<5
130	8237	X						wht sil rock	N85E w:2-5	Chullcani		7,976,664	520,057	<2	<.5	8	28	9	<5	5	<1	5	1211	<5
131	8238	X						lgt gry s-sil and		Chullcani		7,976,769	520,112	<2	<.5	25	29	28	7	10	<1	<1	311	<5
132	8239	X						m-s sil and ple brn wht	N75W	Chullcani		7,976,806	520,159	<2	<.5	41	42	14	<5	8	<1	2	1408	7
133	8240	X		X	X		X	wht bx pipe		Chullcani		7,976,947	520,185	<2	<.5	3	8	8	8	<5	<1	5	1049	<5
134	8241	X						lgt gry ple brn wht s-sil and? part bx		Chullcani		7,976,867	519,901	<2	<.5	28	39	12	15	7	<1	2	1634	<5
135	8242	X						(lgt)gry -ple brn wht arg and		Chullcani		7,977,416	519,451	<2	<.5	22	31	24	<5	12	<1	<1	1064	<5
136	8243	X						ple brn sil and?	w:0	Chullcani		7,977,096	519,779	<2	<.5	28	31	22	54	<5	<1	2	111	<5
137	8244	X						ple brn wht s-sil and		Chullcani		7,977,181	519,752	<2	<.5	10	10	14	11	<5	<1	4	514	<5
138	8245	X						ple brn wht s-sil and		Chullcani		7,977,403	519,862	<2	<.5	26	18	11	6	5	<1	<1	1424	<5
139	8246	X						brn lim bx	rag:φ<3c, wht sil an	Chullcani		7,977,322	520,066	<2	<.5	40	19	18	114	<5	<1	4	127	<5
140	8247	X						lgt gry-wht vs-sil(p?)		Chullcani		7,977,399	520,064	<2	<.5	12	40	4	18	7	<1	<1	1444	<5
141	8248	X						ple brn wht bx sil glassy lim		Chullcani		7,977,356	520,237	<2	<.5	13	11	25	23	<5	<1	2	2478	<5
142	8249	X						lgt gry sil and py ab and		Chullcani		7,976,784	520,426	<2	<.5	6	241	5	6	5	<1	<1	1228	19
143	8250	X		X				ple brn atg sil and Al		Chullcani		7,976,277	520,303	<2	<.5	5	4	<2	9	<5	<1	5	2376	<5
144	8251	X						ple brn wht m-sil and		Chullcani		7,976,201	520,376	<2	<.5	23	23	6	6	7	<1	1	1665	<5
145	8252	X						m-sil Al and		Chullcani		7,976,035	520,409	<2	<.5	15	28	6	<5	<5	<1	<1	198	<5
146	8253	X						arg-sil and		Chullcani		7,976,152	520,524	<2	<.5	9	32	18	<5	<5	<1	<1	452	<5
147	8254	X						lgt gry (v)s sil and glassy		Chullcani		7,976,283	520,455	<2	<.5	5	43	4	5	<5	<1	1	691	7

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
148	8255	X						ple brn xht Al s-sil and		Chullcani		7,976,385	520,455	<2	<.5	15	19	12	5	7	<1	<1	1545	<5
149	8256	X						ple brn wht sil Al? And		Chullcani		7,976,715	520,533	<2	<.5	6	72	6	<5	<5	<1	<1	886	<5
150	8257	X						lgt gry s-sil and part bx glassy		Chullcani		7,976,701	520,478	<2	<.5	35	21	12	10	<5	<1	<1	1188	<5
151	8258	X						ple brn wht s-sil glassy	N85E	Chullcani		7,977,088	520,709	<2	<.5	4	48	11	<5	7	<1	<1	1768	5
152	8259	X						brn lim-M oxide bx		Chullcani		7,977,147	520,856	<2	<.5	16	39	32	16	<5	<1	6	1776	<5
153	8260	X						lim bx	bx:sil frag	Chullcani		7,977,258	520,692	<2	<.5	54	61	77	274	<5	<1	4	243	<5
154	8261	X						ple brn wht sil and part bx part glassy		Chullcani		7,977,319	520,825	<2	<.5	22	27	37	188	9	<1	12	1455	8
155	8262	X						ple brn gry sil and Al s-sil w-arg glassy		Chullcani		7,977,384	520,871	<2	<.5	13	47	13	8	7	<1	<1	1863	<5
156	8263	X		X				ple brn wht-yel wht arg(-sil) and		Chullcani		7,977,443	520,991	<2	<.5	14	42	26	40	<5	<1	3	2062	<5
157	8301	X						wht sil rock(precipitate)		Chullcani		7,976,938	520,269	<2	<.5	3	701	29	6	<5	<1	6	773	<5
158	8302	X		X				wht sil rock(precipitate)		Chullcani		7,976,961	520,308	<2	<.5	6	27	14	<5	<5	<1	7	707	<5
159	8303	X								Chullcani		7,976,947	520,319	<2	<.5	31	247	22	16	11	2	6	2613	<5
160	8304	X						lgt gry s-sil and		Chullcani		7,976,829	520,300	<2	<.5	2	121	13	16	<5	<1	<1	1623	<5
161	8305	X						ple brn wht m arg, (m-)w-sil and		Chullcani		7,976,797	520,263	<2	<.5	27	16	21	<5	6	<1	<1	1427	<5
162	8306	X		X				ple brn wht s(-m) arg and		Chullcani		7,976,878	520,203	<2	<.5	6	17	50	<5	5	1	<1	1892	<5
163	8307	X		X				ple brn wht arg and		Chullcani		7,976,986	520,273	<2	<.5	15	17	9	5	<5	<1	<1	2080	<5
164	8308	X						brn bx lim, Mn oxidized		Chullcani		7,976,917	520,194	<2	1.7	24	711	10	158	10	1	11	1054	5
165	8309	X						lgt gry siil rock(precipitate)	bx pipe	Chullcani		7,976,914	520,181	<2	<.5	3	12	25	13	<5	<1	7	1125	<5
166	8310	X						wht sil rock(precipitate)		Chullcani		7,976,992	520,140	<2	<.5	86	5	17	30	<5	<1	5	2173	<5
167	8311	X						brn sil bx, lim, Mn		Chullcani		7,977,038	520,118	<2	<.5	26	133	16	30	<5	<1	6	1510	<5
168	8312	X						lim, Mn, ple brn wht sil rock	precipitate	Chullcani		7,977,045	520,151	<2	<.5	33	34	10	22	<5	<1	7	2087	<5
169	8313	X						wht s--sil bx	(Al)	Chullcani		7,977,049	520,188	<2	<.5	17	13	48	17	<5	<1	<1	1385	<5
170	8314	X		X				wht s-sil bx	(Al) <φ3-4c	Chullcani		7,977,035	520,235	<2	<.5	21	22	22	11	<5	<1	2	1742	<5
171	8315	X						wht s-sil bx		Chullcani		7,977,028	520,285	<2	<.5	18	104	7	13	<5	<1	<1	579	<5
172	8316	X						lgt gry s-sil bx		Chullcani		7,976,995	520,323	<2	<.5	19	186	27	7	<5	<1	<1	344	<5
173	8317	X						wht vs-sil(precipiate)		Chullcani		7,976,997	520,395	2	3.2	10	24	11	27	<5	<1	11	1026	<5
174	8318	X						brn s-sil bx, lim Mn		Chullcani		7,977,001	520,417	2	1.8	48	112	33	88	<5	<1	2	1150	<5
175	8319	X						lim Mn ple brn wht s-sil rock, part bx	(precipitate?)	Chullcani		7,977,019	520,388	3	3.8	18	165	7	65	9	1	10	1305	<5
176	8320	X						ple brn wht m-sil and(s-sil in part)		Chullcani		7,977,050	520,352	<2	<.5	15	207	24	41	<5	<1	<1	136	<5
177	8321	X		X				ple brn gry-lgt gry vs-sil and?(bx)	(Al)	Chullcani		7,977,079	520,325	<2	<.5	44	77	12	13	<5	<1	1	290	<5
178	8322	X						ple brn wht s-sil, Al bx	3c sil clasts sil and	Chullcani		7,977,097	520,280	<2	<.5	35	85	9	16	<5	<1	2	452	<5
179	8323	X						ple brn wht vs-sil bx		Chullcani		7,977,107	520,231	<2	<.5	50	159	11	21	<5	<1	2	278	<5
180	8324	X						ple brn wht m-arg and		Chullcani		7,977,114	520,184	<2	<.5	43	61	16	41	<5	<1	3	151	<5
181	8325	X		X				ple brn wht m-arg m-sil and		Chullcani		7,977,157	520,286	<2	<.5	53	21	11	6	8	<1	<1	184	<5
182	8326	X						ple brn wht s-sil w-arg and		Chullcani		7,977,133	520,330	<2	<.5	65	70	8	18	6	<1	2	237	<5
183	8327	X						ple brn wht s-sil and		Chullcani		7,977,151	520,438	<2	<.5	32	131	6	11	7	<1	<1	1869	<5
184	8328	X						s-sil bx (ple brn wht-)wht		Chullcani		7,977,105	520,435	<2	2.5	85	165	4	105	13	<1	26	875	7
185	8329	X		X				ple brn xht Al-sil and		Chullcani		7,976,914	520,544	<2	<.5	4	52	14	7	10	<1	<1	1075	<5
186	8330	X		X			X	ple brn wht s-sil, Al and	E-W,w:2m, S Py	Chullcani		7,976,972	520,546	<2	<.5	10	78	5	12	9	<1	<1	1307	5
187	8331	X						ple brn wht vs-sil, Al	3mx50m, S Py	Chullcani		7,977,021	520,554	<2	<.5	2	313	3	<5	8	<1	<1	1083	11
188	8332	X						ple brn wht s-sil(lm)	E-W,3mx40m	Chullcani		7,977,069	520,546	<2	0.8	59	57	3	72	13	<1	4	1904	22
189	8333	X						ple brn wht(m-s)-sil,, m-arg		Chullcani		7,977,114	520,530	<2	0.7	124	103	21	327	35	<1	2	141	<5
190	8334	X					X	ple brn s-sil and drk gry in part(Py imp)	N30W	Chullcani		7,977,169	520,380	<2	<.5	109	22	7	7	6	<1	<1	1096	<5
191	8335	X						brn-red brn lim bx clasts -sil rock		Chullcani		7,978,025	520,693	<2	<.5	47	17	80	66	<5	<1	3	164	<5
192	8367	X						s-sil vein w:1.0m		Chullcani		7,977,034	518,692	4	<.5	42	26	173	<5	12	<1	<1	1389	<5
193	8368	X						s-sil vein w:1.0m		Chullcani		7,977,102	518,777	7	1.1	15	751	85	171	11	<1	9	593	<5
194	8369	X						s-sil vein w:20c		Chullcani		7,977,110	518,793	37	<.5	12	185	20	8	<5	<1	20	811	<5
195	8370	X						s-sil vein w:40c		Chullcani		7,977,105	518,731	10	<.5	27	32	190	<5	9	<1	8	1488	<5
196	8371	X						s-sil vein w:50c		Chullcani		7,977,087	518,681	3	<.5	18	31	125	<5	5	<1	1	1438	<5

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
197	8372	X						s-sil vein w:50c		Chullcani		7,977,073	518,674	21	<.5	32	30	128	<5	13	<1	3	1628	<5
198	8373	X						s-sil vein w:50c		Chullcani		7,977,071	518,669	36	<.5	45	25	78	9	11	<1	3	1485	<5
199	8374	X						s-sil vein w:1.5m		Chullcani		7,977,083	518,658	9	<.5	31	58	80	18	5	<1	6	1048	<5
200	8375	X						s-sil vein w:10c		Chullcani		7,977,071	518,648	3	<.5	8	21	187	14	9	<1	15	956	6
201	8376	X						s-sil vein w:2.5m		Chullcani		7,977,061	518,634	7	<.5	81	23	173	<5	11	<1	4	1708	<5
202	8377	X						s-sil vein w:1.5m		Chullcani		7,976,990	518,590	10	2.3	14	101	5	38	<5	<1	7	292	<5
203	8378	X						s-sil vein w:3.6m		Chullcani		7,976,998	518,565	272	1.4	23	392	7	26	<5	<1	46	8144	<5
204	8379	X						s-sil vein w:3.6m		Chullcani		7,976,981	518,575	204	1.6	20	1111	6	40	7	<1	25	1233	<5
205	8380	X						s-sil vein w:1.5m		Chullcani		7,976,965	518,593	31	1.3	13	120	<2	14	<5	<1	29	334	<5
206	8381	X						s-sil vein w:1.0m		Chullcani		7,976,980	518,561	137	0.7	9	114	3	9	<5	<1	22	160	<5
207	8382	X						s-sil vein w:85c		Chullcani		7,976,939	518,583	43	1.4	25	245	7	37	<5	<1	8	1600	<5
208	8383	X						s-sil vein w:1.0m		Chullcani		7,976,922	518,583	34	<.5	6	386	8	7	8	<1	15	1313	<5
209	8384	X						s-sil vein w:2.0m		Chullcani		7,976,895	518,580	26	<.5	12	369	4	9	7	<1	5	1387	<5
210	8385	X						s-sil vein w:80c		Chullcani		7,977,056	518,733	7	<.5	76	28	159	<5	8	<1	<1	1286	<5
211	8386	X						s-sil vein w:40c		Chullcani		7,976,893	518,604	280	1.2	12	30	<2	<5	<5	<1	12	2365	<5
212	8387	X						s-sil vein w:1.4m		Chullcani		7,976,884	518,624	32	1	15	689	2	16	7	<1	5	1384	5
213	8388	X						s-sil vein w:20c		Chullcani		7,976,898	518,637	33	<.5	16	546	<2	12	6	<1	19	1111	<5
214	8389	X						s-sil vein w:1.6m		Chullcani		7,976,928	518,655	132	2.6	28	413	12	22	<5	<1	13	87	<5
215	8390	X						s-sil vein w:50c		Chullcani		7,976,938	518,697	10	<.5	10	181	3	9	7	<1	12	225	<5
216	8391	X						s-sil vein w:40c		Chullcani		7,976,906	518,767	11	<.5	24	108	18	17	<5	<1	60	693	<5
217	8392	X						s-sil vein w:15c		Chullcani		7,976,963	518,667	12	<.5	22	257	5	15	<5	<1	7	2259	<5
218	8393	X						s-sil vein w:30c		Chullcani		7,976,973	518,673	9	<.5	17	668	7	8	7	<1	7	1752	<5
219	8394	X						s-sil vein w:1.0m		Chullcani		7,976,979	518,685	7	<.5	25	119	4	8	<5	<1	12	718	<5
220	8395	X						s-sil vein w:1.0m		Chullcani		7,976,748	518,740	101	<.5	54	999	37	<5	<5	<1	20	109	<5
221	8396	X						s-sil vein w:2.0m		Chullcani		7,976,747	518,725	15	<.5	31	203	21	44	<5	<1	81	513	<5
222	8397	X						s-sil vein w:5.0m		Chullcani		7,976,739	518,683	44	<.5	32	1024	34	8	<5	<1	31	1178	7
223	8398	X						s-sil bi and(ple gry) mdg(dacitie)		Chullcani		7,976,380	518,905	5	<.5	37	80	114	<5	7	<1	4	2214	<5
224	8399	X						fng-mdg bi and(ple gry) (dacitie) s-sil		Chullcani		7,976,273	518,898	2	<.5	21	38	88	<5	7	<1	3	1578	<5
225	8400	X		X			X	m-sil and(ple gry)		Chullcani		7,976,212	518,878	3	<.5	16	60	148	<5	9	<1	3	1545	<5
226	8401	X					X	s-arg and(wht)		Chullcani		7,976,221	518,915	9	<.5	5	36	52	<5	7	<1	5	1496	<5
227	8402	X						vs-sil vein w:3.0m		Chullcani		7,976,203	518,950	7	<.5	26	69	40	<5	7	<1	3	1444	<5
228	8403	X						vs-sil vein w:2.0m		Chullcani		7,976,167	518,988	5	<.5	30	46	60	9	8	<1	2	1568	<5
229	8404	X						vs-sil vein w:3.0m		Chullcani		7,976,147	519,008	19	<.5	6	580	3	7	5	<1	7	1028	<5
230	8405	X						s-sil and		Chullcani		7,976,143	519,084	2	<.5	<2	71	<2	6	<5	<1	3	1410	<5
231	8406	X		X			X	s arg and(wht)		Chullcani		7,976,137	519,123	2	<.5	5	52	16	15	8	<1	4	1265	<5
232	8407	X						s-sil vein w:2-3m		Chullcani		7,976,168	519,163	3	<.5	3	156	<2	7	7	<1	3	1475	<5
233	8408	X						vs-sil vein w:1.0m		Chullcani		7,976,071	519,119	<2	<.5	2	126	<2	6	9	<1	3	1382	<5
234	8409	X						s-sil vein		Chullcani		7,976,216	519,204	21	<.5	<2	641	<2	22	11	<1	13	1589	9
235	8410	X						vs-sil vein w:20c		Chullcani		7,976,850	519,234	282	0.5	4	446	<2	22	9	<1	2	1669	<5
236	8411	X						vs-sil vein w:1.0m		Chullcani		7,976,442	519,350	36	<.5	<2	171	2	<5	7	<1	2	1554	<5
237	8412	X						s-sil vein w:2.0m		Chullcani		7,976,462	519,289	7	<.5	3	233	<2	10	<5	<1	5	1329	<5
238	8413	X						s-sil and		Chullcani		7,976,570	519,170	12	<.5	<2	156	6	13	<5	<1	22	1358	<5
239	8414	X					X	vs-sil vein w:40c		Chullcani		7,976,546	519,040	10	<.5	8	52	23	10	<5	<1	14	204	<5
240	8415	X			X		X	w-arg mdg-and		Chullcani		7,976,745	518,803	20	<.5	34	114	232	5	8	<1	3	1841	<5
241	8416	X						s-sil vein w:80c		Chullcani		7,976,635	518,811	61	<.5	31	970	108	19	<5	<1	24	1133	11
242	8417	X						s-sil vein w:60c		Chullcani		7,976,740	518,755	12	<.5	13	694	30	13	5	<1	6	2023	<5
243	8418	X		X			X	s-arg and(wht)		Chullcani		7,976,749	518,676	8	1.2	4	364	26	14	<5	<1	3	1200	<5
244	8419	X						rs-sil vein w:4.0m		Chullcani		7,977,083	518,440	144	2	43	349	12	200	18	<1	5	2548	<5
245	8420	X						s-sil vein w:1.0m		Chullcani		7,977,242	518,478	13	0.9	17	75	38	16	5	<1	5	1013	<5

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
246	8421	X						s-sil vein w:30c		Chullcani		7,977,290	518,625	2	<.5	15	122	20	17	<5	<1	3	1990	<5
247	8422	X		X			X	s-arg and		Chullcani		7,977,254	518,756	14	<.5	87	44	92	17	10	<1	24	1559	8
248	8423	X						vs-sil vein w:3.0m		Chullcani		7,977,246	518,771	22	0.6	36	242	15	18	5	<1	11	974	<5
249	8424	X						vs-sil vein w:4.0m		Chullcani		7,977,231	518,773	21	0.6	22	206	16	34	6	<1	9	1735	<5
250	8425	X						vs-sil vein w:3.0m		Chullcani		7,977,149	518,775	58	0.6	57	531	22	14	<5	<1	28	1418	<5
251	8426	X						s-sil vein w:1.0m		Chullcani		7,977,367	518,546	<2	<.5	6	34	10	13	6	<1	3	1710	<5
252	8427	X						s-sil vein w:3.0m		Chullcani		7,977,472	518,659	37	1.1	8	447	6	32	<5	<1	8	904	<5
253	8428	X						s-sil vein w:5.0m		Chullcani		7,977,450	518,731	73	<.5	28	258	53	64	<5	<1	22	1902	<5
254	8429	X						s-sil vein w:80c		Chullcani		7,977,130	518,113	11	0.6	10	337	4	60	<5	<1	6	3025	<5
255	8430	X						s-sil vein		Chullcani		7,977,158	518,108	2	<.5	4	102	11	15	10	<1	<1	2704	<5
256	8431	X						brecia pype? S-sil and		Chullcani		7,977,195	518,137	2	1.2	7	24	6	13	<5	<1	4	457	<5
257	8432	X						s-sil vein w:2.0m		Chullcani		7,977,218	518,124	3	2.1	4	47	<2	10	<5	<1	7	386	<5
258	8433	X		X			X	s-arg and		Chullcani		7,977,231	518,124	2	<.5	15	24	10	22	5	<1	<1	687	<5
259	8434	X						brecia pype? S-sil and		Chullcani		7,977,196	518,108	5	2.7	14	147	7	49	7	<1	8	433	<5
260	8435	X						brecia pype? S-sil and		Chullcani		7,977,158	518,143	28	1.2	11	34	11	30	<5	<1	6	482	<5
261	8436	X						s-sil vein w:40c		Chullcani		7,977,228	518,223	7	<.5	30	210	19	44	8	<1	<1	375	<5
262	8437	X						vs-sil vein w:5.0m		Chullcani		7,976,980	518,253	32	<.5	20	406	11	14	<5	<1	3	929	<5
263	8438	X						vs-sil vein w:6.0m		Chullcani		7,976,968	518,262	20	5.1	8	250	6	8	7	<1	4	845	<5
264	8439	X						s-sil vein w:1.2m		Chullcani		7,976,908	518,243	2	<.5	8	26	6	9	<5	<1	6	315	<5
265	8440	X						s-sil vein		Chullcani		7,976,790	518,308	2	<.5	13	31	20	16	<5	<1	10	615	<5
266	8441	X						s-sil vein w:30c		Chullcani		7,976,730	518,278	12	<.5	27	79	27	13	6	<1	5	1936	<5
267	8442	X						s-sil and w-limo(wht)		Chullcani		7,977,287	519,098	3	<.5	<2	77	<2	6	6	<1	5	1494	<5
268	8443	X		X			X	s-arg and		Chullcani		7,976,058	519,017	4	<.5	20	78	15	<5	6	<1	4	1526	<5
269	8444	X						s-sil vein w:1.5m		Chullcani		7,977,274	519,127	14	0.6	7	191	3	14	<5	<1	21	1470	<5
270	8445	X						s-sil vein w:60c		Chullcani		7,977,254	519,241	20	<.5	21	168	4	7	6	<1	2	1119	<5
271	8446	X						s-sil vein w:80c		Chullcani		7,977,140	519,384	5	<.5	4	69	5	10	7	<1	5	1575	<5
272	8447	X						s-sil vein w:2.0m		Chullcani		7,977,134	519,226	<2	<.5	5	74	3	5	7	<1	6	1259	5
273	8448	X						s-sil vein w:30c		Chullcani		7,977,003	519,083	3	<.5	20	101	6	14	6	<1	5	1248	<5
274	8449	X						s-sil vein w:20c		Chullcani		7,976,854	519,233	12	<.5	44	232	10	29	<5	<1	6	1567	<5
275	8450	X						s-sil vein		Chullcani		7,976,650	519,018	396	2	49	76	23	22	9	<1	15	805	<5
276	8451	X						s-sil vein w:10c		Chullcani		7,976,838	519,064	6	<.5	100	9	24	6	<5	<1	8	318	<5
277	8452	X						s-sil ven w:40c		Chullcani		7,976,854	518,966	6	<.5	15	825	7	23	6	<1	7	1582	<5
278	8453	X						s-sil vein w:50c		Chullcani		7,976,915	518,986	9	<.5	40	407	11	18	<5	<1	11	1878	<5
279	8454	X						s-sil vein w:20c		Chullcani		7,977,124	518,829	5	<.5	9	44	<2	22	<5	<1	15	232	<5
280	8455	X						s-sil vein		Chullcani		7,977,024	518,798	18	<.5	26	364	8	14	6	<1	6	1454	<5
281	8456	X						s-sil vein		Chullcani		7,976,664	519,371	7	<.5	9	41	<2	14	<5	<1	4	1065	<5
282	8457	X						s-sil vein		Chullcani		7,976,648	519,317	<2	<.5	3	21	<2	7	5	<1	3	1565	<5
283	8458	X						s-sin vein		Chullcani		7,976,658	519,256	22	<.5	7	95	<2	21	8	<1	7	1402	<5
284	8459	X						s-sin and		Chullcani		7,976,716	519,376	<2	<.5	9	25	28	6	7	<1	2	1627	<5
285	8460	X						s-sil and		Chullcani		7,976,860	519,399	15	<.5	14	55	25	9	6	<1	5	1716	<5
286	8461	X						s-sil vein		Chullcani		7,976,932	519,430	84	<.5	5	114	<2	15	8	<1	10	1344	<5
287	8462	X						s-sil vein		Chullcani		7,977,010	519,409	14	<.5	6	65	7	7	<5	<1	4	1652	<5
288	8463	X						s-sil vein w:30c		Chullcani		7,977,021	519,463	2	<.5	2	102	5	8	10	<1	4	1319	<5
289	8464	X						s-sil vein		Chullcani		7,977,158	519,396	<2	<.5	31	32	119	<5	6	<1	2	1484	<5
290	8465	X						s-sil vein w:1.0m		Chullcani		7,977,218	519,093	3	<.5	6	152	<2	8	7	<1	7	1247	<5
291	8466			X			X	arg and(wht)		Chullcani		7,977,266	519,164											
292	8467			X			X	s-arg dio		Chullcani		7,976,944	518,654											
293	8468			X			X	m-arg>w-sil and(ylw) limo		Chullcani		7,976,692	518,140											
294	8469			X			X	m-s arg and(ple brn-wht) w-limo		Chullcani		7,977,502	518,389											

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Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
295	8470			X			X	s-arg>w-sil(ple brn-wht) s-limo		Chullcani		7,977,708	518,770											
296	8471	X						s-sil vein w:1.0m		Chullcani		7,977,167	518,805	36	0.5	19	657	11	15	5	<1	63	1067	<5
297	8472	X						s-sil vein w:1.0-1.8m		Chullcani		7,977,292	518,764	21	0.6	21	39	28	14	<5	<1	22	191	<5
298	8473	X						s-sil vein w:1.0m		Chullcani		7,977,138	518,766	29	0.5	16	350	14	13	<5	<1	16	1389	<5
299	8474	X						s-sil vein w:5.0m		Chullcani		7,977,065	518,830	<2	<.5	23	22	126	<5	7	<1	1	1354	<5
300	8475	X						s-sil vein w:4.0-6.5m		Chullcani		7,977,063	518,864	4	<.5	41	26	208	<5	8	<1	3	1514	<5
301	8476	X						s-sil>arg vein w:1.5m		Chullcani		7,977,078	518,897	<2	<.5	18	23	26	8	7	<1	3	1950	<5
302	8477						X	blue qtz(sil) (Hoat)		Chullcani		7,977,774	520,684											
303	8478				X		X	drk gry Basalt		Chullcani		7,977,960	520,951											
304	8479							drk gry Basalt		Chullcani		7,977,882	520,890											
305	8480						X	drk gry fng basalt(dome)		Chullcani		7,977,655	520,541											
306	8481						X	sil rock(float)		Chullcani		7,977,763	520,802											
307	8482						X	lim bx(hydro)		Chullcani		7,977,971	520,384											
308	8483						X	blue sil qz (float)		Chullcani		7,978,026	520,643											
309	8484				X		X	drk gry fng basalt		Chullcani		7,977,680	520,526											
310	8485						X	sil rock(py imp)		Chullcani		7,977,164	520,415											
311	8486				X		X	px an		Chullcani		7,976,996	518,639											
312	8487				X		X	Hb an		Chullcani		7,977,224	519,336											
313	8488						X	drk gry bt an		Chullcani		7,977,356	519,525											
314	7725	X						s-arg tf, Qv 5mm	Mn imp	Sonia Susana	Co. Jankho Kkollu	7,916,716	514,825	2	<.5	2	29	71	18	<5	<1	1	419	<5
315	7726	X						m-s-sil fng tf	limo	Sonia Susana	Co. Jankho Kkollu	7,916,730	514,755	<2	<.5	2	15	32	19	5	<1	4	1708	<5
316	7727	X		X	X			s-sil, s-arg fng tf	limo	Sonia Susana	Co. Jankho Kkollu	7,916,687	514,597	2	<.5	2	11	28	9	<5	<1	3	1819	<5
317	7728	X						Qtz-limo-Mn v w=30-50mm	25W75W	Sonia Susana	Co. Jankho Kkollu	7,916,658	514,485	5	<.5	33	21	100	53	<5	<1	1	534	<5
318	7729	X						W-50mm Qv	35E85W	Sonia Susana	Co. Jankho Kkollu	7,916,652	514,373	<2	<.5	2	16	148	10	<5	<1	<1	360	<5
319	7730	X		X	X		X	VS-arg mdg tf		Sonia Susana	Co. Jankho Kkollu	7,916,553	514,365	<2	<.5	<2	8	19	<5	<5	<1	2	1091	<5
320	7731	X						s-sil,s-arg, fng tf		Sonia Susana	Co. Jankho Kkollu	7,916,550	514,242	<2	<.5	<2	17	31	9	<5	<1	2	2394	<5
321	7732	X						Qv 10mm		Sonia Susana	Co. Jankho Kkollu	7,916,574	514,610	<2	4.2	4	17	41	24	6	<1	<1	1025	<5
322	7733	X						propy an with qv		Sonia Susana	Co. Jankho Kkollu	7,916,556	514,623	<2	<.5	5	15	84	9	<5	<1	<1	404	<5
323	7734		X			X	X	Q+sil brc v	Pb Ore	Sonia Susana	Co. Jankho Kkollu	7,916,441	514,372	22	583	441	415400	35257	66	520	<1	14	56	<5
324	7735		X			X	X	Q+sil brc v	Pb+Cu ore	Sonia Susana	Co. Jankho Kkollu	7,916,425	514,372	17	183.3	21257	136300	55095	286	188	1	6	112	<5
325	7736	X						vs-arg propy	Cp imp	Sonia Susana	Co. Jankho Kkollu	7,916,432	514,368	<2	2.2	56	1273	919	47	8	<1	<1	1642	<5
326	7737	X						propy fng tf	sph imp?	Sonia Susana	Co. Jankho Kkollu	7,916,405	514,706	2	<.5	85	28	128	<5	<5	<1	2	687	<5
327	7738	X						propy fng tf	Cp imp	Sonia Susana	Co. Jankho Kkollu	7,916,386	514,637	<2	<.5	36	17	55	15	<5	<1	6	424	<5
328	7739		X					Qv w=20cm	Gn, py imp	Sonia Susana	Co. Jankho Kkollu	7,916,380	514,536	25	108.3	834	122000	62551	38	57	<1	7	135	<5
329	7740		X					W-40cm Qv	gn imp	Sonia Susana	Co. Jankho Kkollu	7,916,328	514,415	28	58.4	519	49700	80301	235	63	<1	25	338	<5
330	7741		X				X	W-30cm Qv	cp+gn imp	Sonia Susana	Co. Jankho Kkollu	7,916,256	514,384	10	124.2	2913	100700	59862	37	233	1	21	92	<5
331	7742		X			X	X	W-20cm qv	gn imp	Sonia Susana	Co. Jankho Kkollu	7,916,218	514,410	41	138.3	7332	34950	80674	61	191	1	41	33	<5
332	7743		X					W=8cm qv	gn ore	Sonia Susana	Co. Jankho Kkollu	7,916,430	514,360	32	61.4	9650	357000	9757	17	42	<1	3	167	<5
333	7744	X			X			dio, propy	grn Cu imp	Sonia Susana	Co. Jankho Kkollu	7,916,446	514,379	2	<.5	270	41	75	10	6	<1	<1	705	5
334	7745	X			X			frshi dio		Sonia Susana	Co. Jankho Kkollu	7,916,456	514,388	<2	<.5	21	30	151	9	6	<1	3	822	<5
335	7746	X		X				w-m arg dio, wht		Sonia Susana	Co. Jankho Kkollu	7,916,451	514,365	<2	<.5	4	22	1726	16	<5	<1	1	3227	<5
336	7747			X			X	Qtz+epi v, W=15cm	NS80E	Sonia Susana	Co. Jankho Kkollu	7,916,478	514,363											
337	7765	X						propy-an with q+cal v		Sonia Susana	Co. Jankho Kkollu	7,916,505	514,855	<2	<.5	6	5	6	<5	<5	<1	10	408	<5
338	7766	X						Dio dyke, m-si, m-arg	limo	Sonia Susana	Co. Jankho Kkollu	7,916,414	514,416	<2	<.5	9	16	33	13	5	<1	<1	804	<5
339	7767		X			X		40cm sil-v	55E30SE	Sonia Susana	Co. Jankho Kkollu	7,916,560	514,370	10	90.9	750	42100	89489	49	74	<1	10	490	<5
340	7768	X						m-sil, s-arg an bx py imp		Sonia Susana	Co. Jankho Kkollu	7,916,646	514,368	<2	0.6	10	258	516	12	<5	<1	2	2612	<5
341	7769	X						50cm strct, m-sil		Sonia Susana	Co. Jankho Kkollu	7,917,239	514,505	<2	<.5	4	166	297	<5	<5	<1	<1	2584	<5
342	7770	X						s-sil		Sonia Susana	Co. Jankho Kkollu	7,917,131	514,738	<2	<.5	2	12	58	15	<5	<1	2	1978	<5
343	7901	X						m-sil, m-arg, tf	limo vlet	Sonia Susana	Co. Jankho Kkollu	7,916,892	514,855	2	<.5	3	15	46	7	5	<1	2	1155	<5

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
344	7902	X		X				m-sil, wk-arg, tf	limo	Sonia Susana	Co. Jankho Kkollu	7,916,922	514,687	<2	<.5	3	82	74	24	<5	<1	5	828	<5
345	7903		X					m-sil, stg-limo, hydbx	limo, ox	Sonia Susana	Co. Jankho Kkollu	7,916,924	514,592	10	11.2	1185	3842	377	281	13	<1	54	298	<5
346	7904	X						m-sil, tf	limo	Sonia Susana	Co. Jankho Kkollu	7,916,918	514,552	<2	<.5	4	23	39	7	<5	<1	2	1586	<5
347	7905	X						m-sil, m-arg, tf	limo,vlet	Sonia Susana	Co. Jankho Kkollu	7,916,812	514,460	<2	<.5	4	30	100	15	<5	<1	3	2541	<5
348	7906	X						propy, lptf, tfbx	wk grn Cu	Sonia Susana	Co. Jankho Kkollu	7,916,818	514,354	<2	<.5	7	21	111	5	<5	1	<1	524	<5
349	7908	X						s-arg,da	limo vlt, py box	Sonia Susana	Co. Jankho Kkollu	7,917,084	514,838	<2	<.5	13	24	74	19	<5	<1	2	1658	<5
350	7909	X			X			m-sil, m-arg, tf	wk-limo	Sonia Susana	Co. Jankho Kkollu	7,917,160	514,792	<2	<.5	3	7	29	<5	<5	1	1	473	<5
351	7910	X		X				m-sil, m-arg, tf	limo vlt, py box	Sonia Susana	Co. Jankho Kkollu	7,917,236	514,746	<2	<.5	<2	18	38	13	<5	<1	3	1047	<5
352	7911	X						s-sil, tf	wk-limo	Sonia Susana	Co. Jankho Kkollu	7,917,228	514,668	<2	<.5	<2	12	36	<5	<5	<1	2	1594	<5
353	7912	X						m-sil, m-arg, tf		Sonia Susana	Co. Jankho Kkollu	7,916,882	514,246	<2	<.5	17	238	553	18	<5	<1	3	723	<5
354	7913	X						bx an, propy	wk-grn Cu	Sonia Susana	Co. Jankho Kkollu	7,916,880	514,216	<2	<.5	22	18	78	<5	<5	<1	<1	636	<5
355	7914	X						propy lptf-bx	wk-grn Cu	Sonia Susana	Co. Jankho Kkollu	7,917,070	514,220	<2	<.5	8	12	70	8	<5	<1	<1	752	<5
356	7915	X						s-sil rock	limo	Sonia Susana	Co. Jankho Kkollu	7,917,110	514,100	<2	<.5	<2	21	41	7	<5	<1	3	1598	<5
357	7916	X						s-sil rock	wk-limo	Sonia Susana	Co. Jankho Kkollu	7,917,164	514,126	<2	<.5	<2	27	33	11	<5	<1	<1	1725	<5
358	7917	X						s-sil rock	wk-limo	Sonia Susana	Co. Jankho Kkollu	7,917,272	514,294	<2	<.5	<2	18	27	6	<5	<1	2	1285	<5
359	7918			X				m-sil, m-arg tf	wk-limo	Sonia Susana	Co. Jankho Kkollu	7,916,972	514,743											
360	7919	X						s-sil	limo vlt	Sonia Susana	Co. Jankho Kkollu	7,917,036	514,518	<2	<.5	<2	17	47	6	<5	<1	1	1869	<5
361	7920	X		X				s-sil s-arg(aln?)	limo	Sonia Susana	Co. Jankho Kkollu	7,916,918	514,282	<2	<.5	4	79	205	37	<5	<1	6	1006	<5
362	7921	X						propy lptf	Ba, grn-Cu	Sonia Susana	Co. Jankho Kkollu	7,916,980	514,228	<2	0.7	7	13	51	<5	<5	<1	1	386	<5
363	7922	X				X		propy lptf	cp imp, grn Cu	Sonia Susana	Co. Jankho Kkollu	7,917,085	514,323	2	<.5	19	21	117	<5	<5	1	<1	770	<5
364	7923	X				X		dio	grn Cu imp	Sonia Susana	Co. Jankho Kkollu	7,916,968	514,324	2	<.5	35	16	123	7	5	<1	<1	341	<5
365	7924	X				X		propy an	grn Cu, Ba imp	Sonia Susana	Co. Jankho Kkollu	7,916,956	514,240	<2	<.5	9	14	57	<5	<5	<1	3	1951	<5
366	7706	X					X	m-arg, m-sil fng tf	llimo	Sonia Susana	Co. Sta. Catalina	7,915,877	517,460	10	0.9	81	52	156	19	<5	<1	251	238	8
367	7707	X		X				m-arg, m-sil fng tf	limo	Sonia Susana	Co. Sta. Catalina	7,915,864	517,562	9	3.7	49	199	67	13	<5	<1	31	621	8
368	7708	X		X				s-arg, fng tf(wht)	limo	Sonia Susana	Co. Sta. Catalina	7,915,852	517,608	19	2.5	185	134	122	82	<5	<1	113	942	<5
369	7709	X						propy-fng tf, s-sil	limo	Sonia Susana	Co. Sta. Catalina	7,915,829	517,706	5	<.5	90	52	245	15	<5	<1	3	356	6
370	7710	X					X	propy fng tf, s-sil		Sonia Susana	Co. Sta. Catalina	7,915,858	517,735	<2	0.9	213	31	77	6	12	<1	1	1172	<5
371	7711	X						s-arg, m-sil, fng tf	limo	Sonia Susana	Co. Sta. Catalina	7,915,787	517,690	6	1.2	60	22	198	24	5	<1	20	1053	11
372	7712	X						s-arg, s-m-sil, fng tf	limo	Sonia Susana	Co. Sta. Catalina	7,915,807	517,674	8	2.1	54	457	160	27	6	<1	27	2125	6
373	7713	X						s-arg, s-sil, fng tf	limo	Sonia Susana	Co. Sta. Catalina	7,915,805	517,642	<2	<.5	58	21	213	5	<5	<1	6	1141	<5
374	7714	X						propy an, s-sil	limo	Sonia Susana	Co. Sta. Catalina	7,915,451	517,307	<2	<.5	42	68	170	9	<5	1	2	237	<5
375	7715	X						s-sil an	py, sid, gn? Imp	Sonia Susana	Co. Sta. Catalina	7,915,402	517,309	16	1.7	1025	25	1610	13	10	<1	1	198	<5
376	7716	X						s-sil an	py imp, limo	Sonia Susana	Co. Sta. Catalina	7,915,347	517,386	<2	<.5	31	25	103	<5	<5	<1	<1	284	<5
377	7717	X						s-arg, s-sil an	limo	Sonia Susana	Co. Sta. Catalina	7,915,307	517,432	24	2.2	56	52	69	21	<5	<1	8	1274	8
378	7718	X						s-sil an	limo	Sonia Susana	Co. Sta. Catalina	7,915,417	517,461	6	0.9	4	73	29	15	<5	<1	5	667	7
379	7719	X						s-sil an	limo	Sonia Susana	Co. Sta. Catalina	7,915,394	517,549	2	<.5	51	27	108	<5	<5	<1	<1	1415	<5
380	7720	X						propy an	sid imp	Sonia Susana	Co. Sta. Catalina	7,915,439	517,630	<2	<.5	223	15	96	<5	7	2	3	546	<5
381	7721	X						m-s-arg mdg tf		Sonia Susana	Co. Sta. Catalina	7,915,576	517,784	<2	<.5	124	8	32	20	<5	<1	3	456	<5
382	7722	X						s-sil an		Sonia Susana	Co. Sta. Catalina	7,915,665	517,582	4	0.8	93	704	284	10	<5	<1	2	365	8
383	7723	X						propy an m-sil	py imp	Sonia Susana	Co. Sta. Catalina	7,915,655	517,544	2	<.5	24	23	321	<5	<5	<1	2	1360	5
384	7724	X						hyd bx stg-sil propy	py imp	Sonia Susana	Co. Sta. Catalina	7,915,880	517,288	<2	<.5	6	17	276	<5	<5	<1	1	1815	<5
385	7748							Qtz druse		Sonia Susana	Co. Sta. Catalina	7,915,569	517,747											
386	7749						X	qvlt		Sonia Susana	Co. Sta. Catalina	7,915,892	517,552											
387	7771	X				X	X	propy-an		Sonia Susana	Co. Sta. Catalina	7,915,790	517,860	4	<.5	544	24	265	<5	7	<1	<1	388	<5
388	7772	X						popy-an		Sonia Susana	Co. Sta. Catalina	7,915,890	517,805	<2	<.5	5	27	335	<5	7	1	1	724	<5
389	7701	X						vs-sili-vein 20cm		Mendoza		7,820,448	623,584	2	<.5	56	66	9	43	7	<1	2	362	<5
390	7702	X						vs-sili-vein 20-30cm	limo入り	Mendoza		7,820,273	623,747	2	1.3	29	117	12	42	13	<1	3	209	<5
391	7703	X						s-sili-and		Mendoza		7,820,266	623,904	2	3.8	143	276	6	585	39	2	3	720	<5
392	7704	X						vs-sili-vein 30cm		Mendoza		7,821,511	624,271	<2	2.8	11	800	81	12	10	<1	<1	878	<5

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
393	7705	X						m-arg-fng-tf limo		Mendoza		7,821,590	624,368	22	37.8	338	4105	105	842	377	<1	3	662	<5
394	7751	X						s-sil strct hydbx		Mendoza		7,819,530	623,553	2	38.1	94	98	11	717	381	<1	27	1613	10
395	7752	X						strct s-sil		Mendoza		7,819,563	623,579	<2	1.3	13	88	12	61	138	1	10	218	10
396	7753	X						strct s-sil, hmt		Mendoza		7,819,617	623,538	11	1.7	51	24	8	751	47	<1	7	4095	6
397	7754	X						s-sil hydbx		Mendoza		7,819,524	623,671	6	<.5	6	8	4	28	75	<1	6	192	<5
398	7755	X						s-sil strct		Mendoza		7,819,462	623,688	12	4.3	21	1150	7	116	638	<1	19	377	46
399	7756	X						s-sil hydbx		Mendoza		7,819,348	623,524	61	13	20	385	10	428	96	<1	8	267	8
400	7757	X						s-sil hydbx		Mendoza		7,819,287	623,564	9	<.5	13	121	6	117	40	<1	16	494	7
401	7758	X						strct hydbx s-sil		Mendoza		7,819,311	623,627	3	0.8	17	334	22	85	18	<1	7	226	6
402	7759	X						propy-an		Mendoza		7,820,398	623,973	<2	<.5	15	18	68	<5	7	2	<1	639	<5
403	7760	X						strct hydbx, m-sil		Mendoza		7,820,103	624,033	147	10.7	72	115	8	122	89	<1	5	794	<5
404	7761	X						strct, sil N85		Mendoza		7,820,039	624,150	27	2.8	132	441	64	167	78	<1	5	1521	6
405	7762	X						strct s-sil		Mendoza		7,819,992	624,348	<2	1	39	163	12	37	26	<1	4	457	5
406	7763	X						strct hydbx s-sil		Mendoza		7,819,992	624,348	19	2.6	127	135	89	194	64	<1	4	748	10
407	7764	X						strct hydbx s-sil		Mendoza		7,819,967	624,527	7	14.1	84	248	53	293	91	<1	7	861	7
408	7801	X						1m m-arg sk-sil v with Q	EW90	Mendoza		7,822,084	623,777	<2	1	22	470	2184	140	7	<1	3	677	<5
409	7802	X						m-arg propy lp tf		Mendoza		7,822,183	623,786	3	<.5	4	26	144	<5	<5	<1	1	930	<5
410	7803	X		X				vs-sil brc, limo, aln? W=10	80E90	Mendoza		7,819,781	623,639	<2	0.7	6	325	16	64	222	1	9	9916	16
411	7804	X				X		vs-sil, part vgy	fng py, 80W90	Mendoza		7,819,760	623,575	<2	5.3	24	166	9	121	183	<1	8	1456	<5
412	7805	X						vs-sil hyd brc wk-vgy	2m lim 60W85S	Mendoza		7,819,697	623,482	<2	14.8	14	247	<2	197	145	<1	8	653	<5
413	7806	X						stg ox vs-sil v, vgy	60W80S	Mendoza		7,819,697	623,482	<2	1.5	21	33	38	38	95	<1	5	176	<5
414	7807	X		X				wk-sil brc W=1.5m s-limo,m-arg		Mendoza		7,819,676	623,493	<2	0.8	12	94	10	81	99	<1	6	494	<5
415	7808	X						m-sil brc, limo		Mendoza		7,819,663	623,478	2	10.9	10	89	6	65	130	<1	8	4251	16
416	7809	X						wht msv sil		Mendoza		7,819,654	623,474	<2	<.5	4	10	4	13	51	<1	4	92	<5
417	7810	X						s-silhyd brc wk vgy	m-wk limo	Mendoza		7,819,618	623,457	3	0.6	14	14	4	19	29	<1	9	364	<5
418	7811	X						s-silhyd brc limo sulfer	70E	Mendoza		7,819,563	623,404	5	13.8	34	377	12	139	508	<1	8	3765	13
419	7812	X						s-sil hyd brc vgy	frct limo	Mendoza		7,819,550	623,366	3	12.7	9	31	<2	64	74	<1	8	2464	8
420	7813	X					X	w=1m, vs-sil vgy sil, limo	65W85S	Mendoza		7,819,443	623,335	8	42.2	10	65	4	55	297	<1	17	1049	5
421	7814	X					X	gry wht vs-sil hydbx		Mendoza		7,819,341	623,274	2	20.6	3	18	3	11	34	<1	9	64	<5
422	7815	X						w=40cm s-sil hydbx, vgy, limo	30E90	Mendoza		7,819,345	623,259	47	68.9	28	917	2	394	225	<1	15	419	9
423	7816	X						s-sil hydbx, limo, vgy	70E, 50W	Mendoza		7,819,380	623,136	3	1.5	9	205	3	23	6	<1	12	194	9
424	7817	X						s-sil hydbx, limo, vgy	80E85S	Mendoza		7,819,403	623,202	2	3.8	12	29	7	10	5	<1	10	218	<5
425	7818	X						s-sil hydbx, wk-limo,-vgy	70E90	Mendoza		7,819,455	623,304	23	44	10	774	10	110	162	<1	13	810	6
426	7819	X						W=5cm msv sil-v	85W90	Mendoza		7,819,503	623,297	4	29.1	9	160	24	42	64	<1	11	910	<5
427	7820	X						vs-sil hydbx wk-vgy	80E90	Mendoza		7,819,574	623,293	6	15.9	10	803	3	30	20	<1	6	389	10
428	7821	X					X	vs-sil hydbx limo+Q vlet ntwk		Mendoza		7,819,651	623,336	6	141.7	45	355	6	439	164	<1	16	1103	8
429	7822	X					X	5m vs-sil vgy hydbx	70W90	Mendoza		7,819,875	623,513	<2	0.8	11	309	14	38	14	<1	5	231	<5
430	7823	X				X		1.5m vs-sil hydbx vgy	70E90	Mendoza		7,819,900	623,514	12	1.5	6	36	6	25	25	<1	8	1452	<5
431	7824	X						2m vgy limo slf, limo ntwk	80W90	Mendoza		7,819,909	623,474	10	2.3	224	259	20	522	14	<1	6	596	7
432	7825	X		X				volbx? S-arg wk-sil, wk limo		Mendoza		7,819,915	623,480	<2	<.5	39	185	12	26	7	<1	3	572	5
433	7826	X						cal in m-sil stg vgy tf		Mendoza		7,819,970	623,440	60	5.1	7	78	10	25	25	<1	6	10220	6
434	7827	X		X				10m s-arg, w-m-sil	Qtz+hmt vlt ntwk	Mendoza		7,819,973	623,380	115	6.1	21	446	76	216	24	<1	11	817	6
435	7828	X		X				s-sil m-arg bx zone, Ba Aln v	Qtz+hmt vlt ntwk	Mendoza		7,819,948	623,339	198	32.7	58	452	40	211	18	<1	3	809	<5
436	7829	X						vs-sil hyd bx, vgy limo		Mendoza		7,819,929	623,405	332	7.5	10	32	3	76	75	<1	9	105	<5
437	7830	X						vs-sil hyd bx wk vgy		Mendoza		7,819,891	623,427	25	11.3	5	80	3	99	149	<1	7	94	<5
438	7831	X						10cm sil+limo v		Mendoza		7,819,875	623,460	131	3.5	39	119	17	566	101	<1	34	511	5
439	7832	X		X				w:40c limo m-sil v		Mendoza		7,820,035	623,735	<2	<.5	99	45	71	175	6	<1	1	537	<5
440	7833	X						1.2m s-sil v	68E90	Mendoza		7,820,014	623,742	<2	<.5	28	157	17	83	9	<1	<1	121	5
441	7834						X	gry whyt hydbx		Mendoza		7,819,808	623,583											

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
442	7835	X						vs-sil hydbx vgy		Mendoza		7,819,786	623,556	<2	5	19	232	6	149	214	<1	8	5815	5
443	7836	X						1.5m stg vgy vs-sil hydbx	EW90	Mendoza		7,819,755	623,499	<2	5.4	173	563	11	385	84	<1	9	1977	<5
444	7837	X						stg vgy zone	65E75S	Mendoza		7,819,725	623,504	<2	1	8	93	6	92	87	<1	7	238	<5
445	7838	X						3m stg vgy s-sil hydbx	EW90	Mendoza		7,819,626	623,402	6	9.4	22	142	13	195	290	1	11	1817	16
446	7839	X						bretd msv-sil. Mtry wk limo	70E	Mendoza		7,819,580	623,347	6	49.7	14	1379	14	127	262	<1	10	2141	8
447	7840						X	w-sil m-arg hyd bre wk limo fin-Qtz?		Mendoza		7,821,722	624,603											
448	7841	X						w-sil m-arg hyd bre wk limo		Mendoza		7,821,618	624,546	<2	0.5	21	418	30	16	<5	<1	1	2358	<5
449	7842	X					X	Qv 5m in w:1m wk arg		Mendoza		7,821,462	624,314	<2	4.6	196	2184	3260	43	<5	<1	14	1042	<5
450	7843						X	s-sil tf with aln		Mendoza		7,821,234	624,216											
451	7844						X	w:50c s-sil v. fld? Vgy		Mendoza		7,820,534	624,189											
452	7845				X		X	Qtz+alnzd crust in Qtz Alzd mtrx		Mendoza		7,820,255	623,939											
453	7846						X	hydbx m-sil, m-arg		Mendoza		7,820,380	623,602											
454	7847	X					X	s-sil hyd bre stg limo		Mendoza		7,820,402	623,594	276	3.1	24	223	11	67	31	<1	5	303	<5
455	7851	X						s-sil an		Mendoza		7,820,626	623,687	<2	<.5	3	217	<2	23	10	<1	4	290	9
456	7852	X						vs-sil an		Mendoza		7,820,974	623,940	<2	<.5	6	319	<2	11	6	<1	5	556	<5
457	7853	X						vs-sil v w=1-1.5m		Mendoza		7,820,917	623,817	<2	<.5	5	289	4	22	6	<1	4	618	<5
458	7854				X			propy an		Mendoza		7,821,982	624,311											
459	7856	X						(wht) s-arg mdg tf		Mendoza		7,821,851	624,040	<2	<.5	2	53	72	54	10	<1	1	567	<5
460	7857	X						s-sili-arg(brn)		Mendoza		7,821,837	624,002	<2	1	19	144	311	117	6	<1	3	144	<5
461	7858	X						s-arg mdg tf(wht) limo-rich		Mendoza		7,821,845	623,884	<2	<.5	<2	13	39	17	<5	<1	1	155	<5
462	7859	X						s-sili and		Mendoza		7,821,820	623,884	<2	0.6	23	215	103	50	9	<1	3	92	<5
463	7860	X						w-arg m-sili and		Mendoza		7,821,813	623,802	<2	1	5	10	46	18	<5	<1	1	970	<5
464	7861	X						prpy-and(d-grn-gry)		Mendoza		7,821,712	623,820	<2	<.5	6	12	102	<5	7	<1	<1	1145	<5
465	7862	X						prpy-and(d-gry)		Mendoza		7,821,626	623,913	<2	<.5	8	11	118	<5	5	<1	<1	760	5
466	7863	X						prpy-and(d-gry)中のQtz-vein 50mm		Mendoza		7,821,660	623,964	2	<.5	13	6	29	<5	<5	2	4	198	<5
467	7864	X						m-arg fng tf(ylw)		Mendoza		7,821,719	624,099	<2	<.5	4	53	337	40	8	<1	1	311	<5
468	7865	X						tf		Mendoza		7,821,803	624,051	<2	<.5	7	31	175	28	7	<1	2	151	<5
469	7866	X						prpy-and(p-grn)		Mendoza		7,821,790	624,396	<2	<.5	<2	8	181	<5	6	<1	<1	634	<5
470	7867	X						m-arg porp-and(p-grn)		Mendoza		7,821,843	624,449	<2	0.6	5	11	111	16	<5	2	<1	1346	<5
471	7868	X						m-arg prpy0and(p-grn)		Mendoza		7,821,924	624,535	2	1	24	1557	1628	29	12	1	1	949	<5
472	7869	X						s-arg fng tf limo v入り		Mendoza		7,821,947	624,579	27	68.7	55	1993	111	145	58	<1	8	140	14
473	7870	X						s-sili-and		Mendoza		7,821,824	624,681	6	9.5	184	635	189	63	6	<1	3	2824	<5
474	7871	X						vs-sili-vein w:0.3m		Mendoza		7,821,895	624,744	2	2.9	130	1287	314	58	10	<1	2	288	<5
475	7872	X						s-sil and		Mendoza		7,820,647	624,328	2	0.6	12	484	5	277	12	<1	2	831	7
476	7873	X						vs-sil and limo-rock		Mendoza		7,820,642	624,304	<2	<.5	3	295	2	146	13	<1	1	823	5
477	7874	X						m-arg m-sili-and		Mendoza		7,820,583	624,297	<2	<.5	6	51	13	39	<5	<1	2	307	<5
478	7875	X						s-sil and		Mendoza		7,820,563	624,262	<2	<.5	9	133	12	58	11	<1	<1	454	<5
479	7876	X						vs-sili- rock vein:20cm		Mendoza		7,820,555	624,250	<2	<.5	2	275	4	43	12	<1	<1	912	<5
480	7877	X						Qtz limo vein 30mm		Mendoza		7,820,560	624,240	<2	<.5	18	614	39	229	10	<1	<1	1154	<5
481	7878	X						vs-sili-vein rock		Mendoza		7,820,510	624,154	<2	<.5	48	175	8	12	7	<1	<1	470	<5
482	7879	X						s-sil and		Mendoza		7,820,458	624,055	7	0.8	36	260	81	360	26	<1	3	832	<5
483	7880	X						limo-rock vein w:0.6m		Mendoza		7,820,220	623,985	4	0.6	756	27	85	152	38	<1	4	229	6
484	7881	X						s-sili-and		Mendoza		7,820,212	624,059	198	12.4	198	206	9	299	34	<1	6	499	<5
485	7882	X						limo-vein 50-100mm		Mendoza		7,820,242	624,081	6	0.8	657	183	36	107	19	<1	<1	492	<5
486	7883	X						s-vs-sili-and		Mendoza		7,820,227	624,192	28	3.6	39	683	71	216	47	<1	6	558	<5
487	7884	X						vs-sili rock(and)		Mendoza		7,820,217	624,154	3	<.5	6	64	13	13	15	<1	5	144	<5
488	7885	X						Qtz limo vein 30mm		Mendoza		7,820,183	623,948	2	1.4	259	31	14	38	18	<1	2	437	8
489	7886	X						vs-sili-vein 20cm		Mendoza		7,820,634	623,521	<2	<.5	2	240	3	23	10	<1	2	947	<5
490	7887	X		X				vs-arg-fng tf (wht)		Mendoza		7,820,638	623,559	2	0.6	10	15	11	19	8	<1	2	2106	<5

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
491	7888	X						vs-sili-vein 20cm		Mendoza		7,820,651	623,391	<2	1.2	6	267	5	19	9	<1	3	954	7
492	7889	X						vs-sili-vein 30cm limo		Mendoza		7,820,621	623,352	<2	<.5	28	210	6	7	9	<1	2	717	<5
493	7890	X						vs-sili-vein 20cm	2本	Mendoza		7,820,569	623,407	<2	<.5	4	191	7	16	9	<1	4	520	<5
494	7891	X						vs-sili-vein w:20cm limo	2本	Mendoza		7,820,550	623,519	<2	<.5	9	245	10	40	16	<1	7	1461	<5
495	7892	X						vs-arg-fng-tf limo		Mendoza		7,820,514	623,602	<2	<.5	34	4	21	48	7	<1	2	387	<5
496	7893	X						vs-sili-vein 50-100cm		Mendoza		7,820,499	623,608	<2	<.5	28	218	7	69	11	<1	3	370	<5
497	7894	X						s-sili-and		Mendoza		7,820,230	623,535	27	6.1	20	89	8	25	21	<1	5	456	<5
498	7895	X						vs-sili-vein 15cm limo		Mendoza		7,820,294	623,438	<2	2.8	5	206	6	10	6	<1	2	845	<5
499	7896	X						s-sili-and limo-rich		Mendoza		7,820,386	623,360	80	2.7	67	187	5	214	15	<1	19	494	<5
500	7898	X						prpy-and(d-grn-gry)		Mendoza		7,820,511	623,912	<2	<.5	24	10	115	<5	5	2	<1	1384	<5
501	7899	X						m-s-sili-and limo v-rich		Mendoza		7,820,416	623,772	3	3.6	79	147	25	355	46	<1	4	1245	<5
502	7900	X						m-s-sili-and		Mendoza		7,820,530	623,692	<2	<.5	<2	29	3	8	<5	<1	<1	1071	<5
503	8001	X						v-s sil andesite		Mendoza		7,821,901	625,005	<2	0.6	15	1064	30	53	13	<1	2	1245	<5
504	8002	X						hydbrc w-30cm	E-W90	Mendoza		7,821,872	624,965	3	1.4	73	1679	113	500	17	<1	11	113	<5
505	8003	X						m sil hyd brc w=3m	75E80N	Mendoza		7,821,782	624,775	12	<.5	131	479	76	232	8	<1	5	800	<5
506	8004	X						s-arg v w=30cm	80E80N, limo	Mendoza		7,821,772	624,684	2	2.1	25	1223	29	109	10	<1	<1	134	<5
507	8005	X						s-arg hydbrc W-40cm	70E90	Mendoza		7,821,722	624,603	11	0.6	33	421	92	244	7	<1	5	308	<5
508	8006	X						hydbrc w-30cm	limo, sulfer	Mendoza		7,821,692	624,645	14	0.8	213	235	33	259	63	<1	5	525	<5
509	8007	X						v-s sil hyd brc W=30cm	65E80N, limo	Mendoza		7,821,742	624,720	7	2.6	221	1125	64	34	9	<1	<1	312	<5
510	8008	X						s-arg hydbrc, W=30cm	limo	Mendoza		7,821,845	624,743	16	1.1	102	633	377	93	15	1	15	725	<5
511	8009		X					Qv W=10cm	65E80S	Mendoza		7,822,309	624,021	8	2.2	2643	26300	5394	237	19	<1	34	1806	<5
512	8010	X						v-s sil v W=40cm	72E85S	Mendoza		7,822,218	624,046	17	12.4	247	2503	547	1814	60	<1	5	350	8
513	8011	X						S-arg rock with limo		Mendoza		7,822,298	624,212	7	17.6	122	2967	373	328	37	<1	31	381	<5
514	8012	X						s-sil rock		Mendoza		7,822,281	624,165	<2	5.6	124	2360	255	332	42	<1	60	153	6
515	8013	X						sil v W=20cm, limo, arg		Mendoza		7,822,172	624,226	12	1.2	77	9137	4280	125	8	<1	7	1319	<5
516	8014	X						brc sil v W=30cm	limo	Mendoza		7,822,148	624,049	2	4	226	1297	1538	687	9	<1	3	623	<5
517	8015	X		X				brc sil v W=30cm	80E90	Mendoza		7,822,193	624,003	2	10.8	353	6243	725	188	26	<1	5	1438	<5
518	8016	X						sil v, W=10cm, limo	EW90	Mendoza		7,822,097	623,939	<2	0.6	15	395	558	43	50	<1	1	1428	<5
519	8017	X		X				brc sil-v W=30cm	50E90	Mendoza		7,821,992	623,766	6	1.7	148	3716	373	154	34	<1	3	585	6
520	8018	X						W=2m sil v	80E90	Mendoza		7,819,716	624,259	87	2.3	33	242	10	281	124	<1	5	71	<5
521	8019	X		X				VS-sil hyd brc	85W85N	Mendoza		7,819,677	624,027	38	2.6	19	105	15	47	80	<1	12	1299	<5
522	8020	X						W=50cm sil v		Mendoza		7,819,677	624,027	4	1.3	6	19	6	8	14	<1	5	1145	<5
523	8021	X		X				W=50cm hyd brc, with Ba	75W90	Mendoza		7,819,679	623,972	35	1.5	8	134	<2	17	56	<1	12	7267	7
524	8022	X		X				v-sil hyd brc, mtrx aln?		Mendoza		7,819,647	623,931	2	<.5	3	19	9	7	11	<1	4	992	<5
525	8023	X						vs-sil brc vgy, limo	70E90	Mendoza		7,819,624	623,897	10	<.5	41	39	4	465	91	<1	13	312	<5
526	8024	X						W=40cm vs-sil hyd brc limo	80E90	Mendoza		7,819,576	623,814	160	1.5	39	121	11	184	151	<1	9	459	8
527	8025	X						vs-sil hyd brc, part vgy, limo		Mendoza		7,819,575	623,745	<2	<.5	8	10	4	24	46	<1	9	69	<5
528	8026	X		X				s-sil hyd brc, limo		Mendoza		7,819,409	623,856	10	0.8	38	28	20	58	44	<1	6	173	<5
529	8027	X		X				vs-sil hyd brc msv wht		Mendoza		7,819,406	623,867	<2	<.5	5	3	<2	<5	17	<1	8	42	<5
530	8028	X						vs-sil hyd brc limo		Mendoza		7,819,359	623,874	144	4.8	8	31	3	23	137	<1	4	1888	13
531	8029	X						vs-sil wk vgy wk limo		Mendoza		7,819,355	623,955	57	1.8	31	5	<2	62	88	<1	16	119	6
532	8030	X						vs-sil hyd brc, stg vgy stg limo	EW90	Mendoza		7,819,326	623,989	235	4.5	13	187	5	46	117	<1	6	567	6
533	8031	X		X				m-s arg an, limo v-let		Mendoza		7,819,683	624,453	2	<.5	112	23	35	77	13	<1	3	622	<5
534	8032	X						vs-sil brc al?		Mendoza		7,819,706	624,472	2	<.5	12	69	5	18	38	<1	6	81	<5
535	8033	X		X				vs-sil hyd brc	part vgy, limo	Mendoza		7,820,033	623,680	4	9.6	6	562	8	81	42	<1	8	268	7
536	8034	X						vs-sil hyd brc in 3m vgy zone	EW80S	Mendoza		7,819,976	623,675	7	14.7	21	23	3	47	55	<1	4	1932	<5
537	8035	X						vs-sil hyd brc	sulfer vgy wk limo	Mendoza		7,819,944	623,700	3	7.6	25	359	9	83	38	<1	9	266	7
538	8036	X						50cm s-sil hyd brc limo	70W65S	Mendoza		7,819,884	623,740	7	5.7	19	118	12	109	92	<1	4	404	7
539	8037	X						1m s-sil hyd brc limo	65W70S	Mendoza		7,819,908	623,691	<2	15.3	32	52	8	117	65	<1	10	3514	7

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
540	8038	X						vs-sil hyd brc wk¥vgy	gry wht	Mendoza		7,819,802	623,651	2	3.5	8	72	3	41	43	<1	4	955	6
541	8039	X						60cm hyd brc, limo	75W80S	Mendoza		7,819,895	623,652	<2	2.4	27	212	30	71	27	<1	7	330	6
542	8040	X						3m hyd brc, limo	80W90	Mendoza		7,819,945	623,656	3	15.1	7	46	4	46	27	<1	3	559	<5
543	8041	X						20cm Qv in 30cm w-arg, limo	70E90	Mendoza		7,822,290	624,057	2	2.5	71	1542	3179	108	10	<1	4	818	<5
544	8042	X		X				50cm sil brc & Q		Mendoza		7,822,375	624,112	6	9.9	215	2746	8143	245	11	<1	8	892	<5
545	8043		X					20cm m-sil v	75W80S	Mendoza		7,822,358	624,046	16	6.3	235	11276	10717	185	10	<1	7	1209	<5
546	8044	X		X	X			3m wk sil propy	70E	Mendoza		7,822,371	624,011	<2	<.5	33	58	169	<5	7	2	<1	1181	<5
547	8045		X					30cm silv + 3cm Qv		Mendoza		7,822,359	623,964	9	8	676	12853	6499	185	15	<1	9	497	<5
548	8046	X						30cm sil+Q vlet	70E90	Mendoza		7,822,321	623,870	3	1.5	165	657	3324	117	8	<1	7	1094	<5
549	8047	X						50cm s-sil brc with Q+limo	54W75S	Mendoza		7,822,163	623,951	<2	4.3	159	2747	1150	84	15	<1	2	2465	5
550	8048	X		X				30cm sil+limo v	45E90	Mendoza		7,822,136	623,915	2	5.2	96	1023	462	118	36	<1	3	674	<5
551	8049	X						2m sil limo v wk-brc	55E90	Mendoza		7,822,040	623,826	2	2.4	131	1176	575	103	14	<1	6	388	<5
552	8050	X						propylitic andesite		Mendoza		7,821,360	624,514	<2	1.9	11	85	109	<5	23	<1	<1	1480	7
553	8051	X						propylitic tuff		Mendoza		7,821,444	624,352	<2	<.5	21	25	102	<5	<5	<1	<1	809	<5
554	8052	X						m-s arg tf brc		Mendoza		7,821,163	624,486	<2	<.5	6	19	99	<5	<5	<1	<1	1136	<5
555	8053	X						m-arg tf brc		Mendoza		7,821,003	624,357	<2	0.5	<2	20	50	12	<5	<1	<1	173	<5
556	8054	X						s-sil rock		Mendoza		7,820,642	624,304	3	1.1	40	214	26	1694	14	<1	4	145	<5
557	8055	X						s-sil rock		Mendoza		7,820,866	624,331	2	1.1	8	31	20	39	11	<1	11	266	<5
558	8056	X						m-s arg fng tf		Mendoza		7,821,206	624,283	<2	<.5	3	8	23	12	6	<1	<1	82	<5
559	8057	X						m-arg tf brc		Mendoza		7,821,357	624,220	2	0.7	5	172	91	19	8	2	<1	390	<5
560	8058			X				m-s arg fng tf		Mendoza		7,821,257	624,390											
561	8059	X						m-s arg tf		Mendoza		7,820,541	624,366	<2	<.5	2	78	246	25	<5	<1	<1	116	<5
562	8060	X						fresh andesite		Mendoza		7,820,475	624,481	<2	<.5	6	191	69	62	15	<1	4	96	<5
563	8061	X						propylitic an-tf		Mendoza		7,820,926	624,547	<2	0.8	2	38	79	18	<5	<1	<1	1244	<5
564	8062	X						m-s sil rock		Mendoza		7,820,928	624,547	<2	<.5	11	370	14	22	11	<1	7	479	<5
565	8063	X						vs-sil rock		Mendoza		7,820,952	624,291	<2	0.5	11	13	9	22	10	<1	4	67	<5
566	8064	X						qv 5m in vs-sil rock	70W30N	Mendoza		7,820,936	624,252	2	<.5	62	114	65	191	13	<1	9	241	<5
567	8065	X						qv 8m	50W50N	Mendoza		7,820,993	624,203	2	2	240	145	290	324	18	<1	12	64	<5
568	8066	X						qv, 6m		Mendoza		7,820,974	624,140	18	1.2	6	57	3	15	69	<1	7	96	<5
569	8067	X						vs-sil rock		Mendoza		7,821,000	623,977	<2	0.6	10	262	7	100	9	<1	<1	581	<5
570	8068	X						prop an		Mendoza		7,820,859	623,833	2	<.5	6	13	134	<5	7	<1	<1	843	<5
571	8069	X						prop an		Mendoza		7,820,761	623,933	<2	0.5	7	30	116	<5	9	2	<1	975	<5
572	8070	X						prop an		Mendoza		7,820,514	623,963	<2	<.5	13	14	100	<5	5	1	1	1266	<5
573	8071	X						prop an		Mendoza		7,820,539	623,805	<2	<.5	15	19	94	<5	7	<1	<1	1132	<5
574	8072	X						m-s sil an		Mendoza		7,820,552	623,588	3	0.5	13	407	14	68	12	2	1	903	6
575	8073	X						s-sil an		Mendoza		7,820,665	623,571	2	<.5	5	283	3	22	13	1	3	415	<5
576	8074	X						W=3.5 qv limo		Mendoza		7,820,743	623,603	<2	<.5	7	284	5	61	7	<1	<1	930	<5
577	8075	X						limo v in s-sil rock		Mendoza		7,820,819	623,657	2	<.5	99	241	10	50	14	<1	<1	162	<5
578	8076	X						m-s arg fng tf		Mendoza		7,821,558	624,067	<2	1.4	5	143	16	17	<5	<1	1	651	<5
579	8077	X						s-sil fng tf, limo		Mendoza		7,821,484	623,926	10	2.5	73	643	139	63	11	<1	3	183	<5
580	8078	X						vs-sil fng tf		Mendoza		7,821,515	624,098	<2	<.5	2	112	81	71	<5	<1	1	497	<5
581	8079	X						m-s arg fng tf limo		Mendoza		7,821,733	624,237	2	<.5	<2	19	523	14	<5	<1	<1	167	<5
582	8080	X						w, s-arg fng tf		Mendoza		7,821,858	624,212	<2	<.5	4	50	69	16	11	<1	<1	79	<5
583	8081	X						m-sil tf limo		Mendoza		7,821,895	624,180	11	0.7	10	87	129	32	<5	1	3	300	<5
584	8082	X						prop an		Mendoza		7,822,046	624,065	<2	<.5	4	25	112	7	5	<1	2	993	<5
585	8083	X						prop an		Mendoza		7,822,025	624,286	<2	<.5	26	12	109	<5	6	<1	<1	1290	<5
586	8084	X						s-sil an		Mendoza		7,821,172	623,964	<2	0.7	9	111	21	17	15	<1	3	256	<5
587	8085	X						m-s-arg fng tf		Mendoza		7,821,258	623,845	<2	<.5	7	9	19	18	<5	<1	<1	194	<5
588	8086	X						vs-arg fng tf		Mendoza		7,821,287	623,961	<2	<.5	3	29	18	36	<5	<1	1	180	<5

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	District	Location	UTM N	UTM E	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
589	8087	X						s-sil an		Mendoza		7,821,100	624,311	17	<.5	3	1291	6	11	15	<1	<1	560	5
590	8088	X						s-arg fng tf		Mendoza		7,821,116	624,305	<2	<.5	12	18	12	16	11	<1	1	40	<5
591	8089	X						s-arg fng tf	limo	Mendoza		7,821,289	624,482	2	1.2	65	672	269	55	10	<1	33	1018	6
592	8090	X						m-arg propy-an		Mendoza		7,821,242	624,556	<2	<.5	9	16	131	8	<5	<1	<1	900	<5
593	8091	X						m-arg, propy-an		Mendoza		7,821,181	624,628	<2	<.5	6	12	116	8	7	<1	<1	860	<5
594	8092	X						propy-an		Mendoza		7,821,085	624,640	<2	<.5	7	9	75	<5	6	1	<1	935	<5
595	8093	X						s-arg fng tf	limo v ntwk	Mendoza		7,820,922	624,485	<2	<.5	3	40	62	5	7	<1	<1	1648	<5
596	8094	X						m-s-arg mdg tf		Mendoza		7,820,834	624,512	<2	<.5	3	15	78	5	6	<1	<1	1461	<5
597	8095	X						m-s sil an		Mendoza		7,820,960	623,868	<2	1.2	11	411	21	28	7	<1	<1	1136	<5
598	8096	X						w=1.5m vs-sil rock		Mendoza		7,820,891	623,753	<2	<.5	3	340	7	9	11	<1	2	596	<5
599	8097	X						propy sn		Mendoza		7,820,802	623,747	<2	<.5	36	15	84	<5	5	<1	2	1459	6
600	8098	X						m-arg w-sil an		Mendoza		7,820,525	623,711	<2	<.5	10	57	15	14	7	<1	<1	364	<5
601	8099	X						propy aan		Mendoza		7,820,561	623,666	<2	<.5	3	6	126	13	6	<1	<1	1475	<5
602	8100	X						s-sil an		Mendoza		7,820,602	623,681	<2	1.3	48	168	19	36	12	<1	13	412	<5

Appendix 1-1 Sample List of Laboratry Works (Gelogical Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	Drill Hole	Depth m (to m)	Interval	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
603	MJBO-1 #1	X						ple brn wht an		MJBO-1	0.0m – 2.0m	2.0m	2	<.5	48	696	108	8	8	<1	4	1488	<5
604	MJBO-1 #2	X						ple brn wht an		MJBO-1	5.0m – 7.0m	2.0m	<2	<.5	45	723	83	<5	<5	<1	<1	1549	<5
605	MJBO-1 #3	X						gry an		MJBO-1	11.0m – 12.6m	1.6m	<2	<.5	69	120	47	<5	<5	<1	<1	136	<5
606	MJBO-1 #4	X						gry an		MJBO-1	18.4m – 19.7m	1.3m	<2	<.5	30	139	97	9	<5	<1	<1	509	<5
607	MJBO-1 #5	X						red brn an		MJBO-1	25.0m – 27.0m	2.0m	<2	<.5	7	268	25	36	6	1	<1	1588	<5
608	MJBO-1 #6	X						red brn an		MJBO-1	30.0m – 32.0m	2.0m	<2	<.5	15	175	170	76	<5	<1	<1	1382	<5
609	MJBO-1 #7	X						drk gry an		MJBO-1	33.6m – 35.0m	1.4m	<2	<.5	76	32	93	<5	6	<1	<1	116	<5
610	MJBO-1 #8	X						ple brn~yel brn an	hyd bx?	MJBO-1	35.0m – 36.0m	1.0m	<2	<.5	36	67	94	8	5	<1	<1	205	<5
611	MJBO-1 #9	X						drk gry an		MJBO-1	36.0m – 37.0m	1.0m	<2	<.5	27	26	106	<5	5	<1	<1	243	<5
612	MJBO-1 #10	X						drk gry an		MJBO-1	37.0m – 38.0m	1.0m	<2	<.5	25	57	75	<5	<5	<1	<1	97	<5
613	MJBO-1 #11	X						drk gry an		MJBO-1	38.0m – 39.0m	1.0m	<2	<.5	24	30	69	<5	<5	<1	<1	114	<5
614	MJBO-1 #12	X						drk gry an		MJBO-1	39.0m – 40.0m	1.0m	<2	<.5	24	40	69	5	<5	<1	<1	59	<5
615	MJBO-1 #13	X						purp gry an		MJBO-1	40.0m – 42.0m	2.0m	2	<.5	25	43	119	<5	<5	<1	<1	242	<5
616	MJBO-1 #14	X						drk gry an		MJBO-1	42.0m – 44.0m	2.0m	<2	<.5	75	36	57	6	8	2	<1	353	<5
617	MJBO-1 #15	X						ple brn ~ple brn wht an		MJBO-1	44.0m – 46.0m	2.0m	<2	<.5	25	200	54	81	<5	<1	<1	267	<5
618	MJBO-1 #16	X						ple brn ~ple brn wht an		MJBO-1	46.0m – 48.0m	2.0m	<2	<.5	13	329	47	137	<5	<1	<1	110	<5
619	MJBO-1 #17	X						ple brn ~ple brn wht an		MJBO-1	48.0m – 50.0m	2.0m	<2	<.5	36	176	26	25	<5	1	<1	111	<5
620	MJBO-1 #18	X						lgt gry hyd bx		MJBO-1	50.0m – 52.0m	2.0m	<2	<.5	12	77	13	13	<5	1	<1	1336	<5
621	MJBO-1 #19	X						ple brn wht an		MJBO-1	52.0m – 52.8m	0.8m	<2	<.5	67	76	30	16	<5	<1	<1	1160	<5
622	MJBO-1 #20	X						ple brn an		MJBO-1	56.0m – 58.0m	2.0m	<2	<.5	19	81	45	126	6	<1	1	188	<5
623	MJBO-1 #21	X						ple brn wht an		MJBO-1	61.0m – 63.0m	2.0m	<2	<.5	42	34	81	<5	6	<1	<1	1518	<5
624	MJBO-1 #22	X						ple brn wht an		MJBO-1	68.0m – 70.0m	2.0m	<2	<.5	15	257	37	406	<5	<1	<1	969	<5
625	MJBO-1 #23	X						ple brn wht an		MJBO-1	70.0m – 72.0m	2.0m	<2	<.5	27	649	57	852	<5	<1	<1	103	<5
626	MJBO-1 #24	X						ple brn wht an		MJBO-1	72.0m – 74.0m	2.0m	<2	<.5	10	1738	27	658	<5	<1	<1	123	<5
627	MJBO-1 #25	X						ple brn wht an		MJBO-1	74.0m – 76.0m	2.0m	4	<.5	9	2935	28	560	<5	<1	2	143	<5
628	MJBO-1 #26	X						ple brn wht an		MJBO-1	76.0m – 78.0m	2.0m	4	<.5	5	3958	22	771	5	<1	5	108	<5
629	MJBO-1 #27	X						ple brn wht an		MJBO-1	78.0m – 79.5m	1.5m	2	<.5	13	2023	30	539	<5	<1	7	83	<5
630	MJBO-1 #28	X						gry csg bi an		MJBO-1	85.0m – 87.0m	2.0m	<2	<.5	26	37	76	7	6	<1	<1	1473	<5
631	MJBO-1 #29	X						gry csg bi an		MJBO-1	95.0m – 97.0m	2.0m	<2	<.5	21	35	58	44	<5	<1	<1	342	<5
632	MJBO-1 #30	X						drk gry ~ gry an		MJBO-1	100.2m – 102.0m	1.8m	2	<.5	20	44	106	20	<5	<1	<1	136	<5
633	MJBO-1 #31	X						red gry an		MJBO-1	102.0m – 104.0m	2.0m	<2	<.5	21	37	120	7	5	3	<1	200	<5
634	MJBO-1 #32	X						drk gry tf bx~lptf		MJBO-1	104.0m – 105.0m	1.0m	<2	<.5	28	35	104	7	<5	<1	<1	212	<5
635	MJBO-1 #33	X						drk gry tf bx~lptf		MJBO-1	105.0m – 106.0m	1.0m	2	<.5	31	113	32	13	8	<1	<1	1222	<5
636	MJBO-1 #34	X						drk gry tf bx~lptf		MJBO-1	106.0m – 107.0m	1.0m	<2	<.5	42	317	7	20	<5	<1	<1	1054	<5
637	MJBO-1 #35	X						drk gry tf bx~lptf		MJBO-1	107.0m – 108.0m	1.0m	<2	<.5	44	632	60	37	<5	<1	3	1016	<5
638	MJBO-1 #36	X						drk gry tf bx~lptf		MJBO-1	108.0m – 109.0m	1.0m	<2	<.5	40	502	34	52	<5	<1	2	84	<5
639	MJBO-1 #37	X						drk gry tf bx~lptf		MJBO-1	109.0m – 110.0m	1.0m	<2	<.5	37	755	122	134	<5	<1	9	75	<5
640	MJBO-1 #38	X						drk gry tf bx~lptf		MJBO-1	110.0m – 111.0m	1.0m	<2	<.5	38	534	54	153	<5	<1	4	77	<5
641	MJBO-1 #39	X						drk gry tf bx~lptf		MJBO-1	111.0m – 112.0m	1.0m	<2	<.5	31	266	57	135	<5	<1	5	1110	<5
642	MJBO-1 #40	X						drk gry tf bx~lptf		MJBO-1	112.0m – 113.0m	1.0m	<2	<.5	23	98	80	135	<5	<1	6	84	<5
643	MJBO-1 #41	X						drk gry tf bx~lptf		MJBO-1	113.0m – 114.0m	1.0m	<2	<.5	35	467	639	133	<5	<1	9	73	<5
644	MJBO-1 #42	X						drk gry tf bx~lptf		MJBO-1	114.0m – 115.0m	1.0m	<2	<.5	40	262	127	193	<5	2	2	56	<5
645	MJBO-1 #43	X						drk gry tf bx~lptf		MJBO-1	115.0m – 116.0m	1.0m	<2	<.5	36	196	106	95	<5	1	3	673	<5
646	MJBO-1 #44	X						gry~drkgry tfbx~tfbx		MJBO-1	116.0m – 117.0m	1.0m	<2	<.5	27	192	37	32	6	<1	<1	1320	<5
647	MJBO-1 #45	X						gry~drkgry tfbx~tfbx		MJBO-1	117.0m – 118.0m	1.0m	<2	<.5	30	143	77	35	<5	<1	<1	1178	<5
648	MJBO-1 #46	X						gry~drkgry tfbx~tfbx		MJBO-1	118.0m – 119.0m	1.0m	<2	<.5	21	62	27	16	<5	<1	<1	1248	<5
649	MJBO-1 #47	X						gry~drkgry tfbx~tfbx		MJBO-1	119.0m – 120.0m	1.0m	<2	<.5	21	50	95	10	7	<1	<1	1218	<5
650	MJBO-1 #48	X						gry lptf(~tfbx)		MJBO-1	120.0m – 121.0m	1.0m	<2	<.5	25	42	17	9	<5	<1	<1	1398	<5
651	MJBO-1 #49	X						gry lptf(~tfbx)		MJBO-1	121.0m – 122.0m	1.0m	<2	<.5	24	40	18	13	<5	<1	<1	1406	<5
652	MJBO-1 #50	X						gry lptf(~tfbx)		MJBO-1	122.0m – 123.0m	1.0m	<2	<.5	23	31	14	9	<5	<1	<1	1415	<5

Appendix 1-2 Sample List of Laboratry Works (Drilling Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	Drill Hole	Depth m	(to m)	Interval	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
653	MJBO-1 #51	X						gry lptf(～tfbx)		MJBO-1	123.0m	125.0m	2.0m	<2	<.5	33	33	24	8	6	<1	<1	1336	<5
654	MJBO-1 #52	X						gry lptf(～tfbx)		MJBO-1	125.0m	127.0m	2.0m	<2	<.5	28	24	32	5	6	<1	<1	1423	<5
655	MJBO-1 #53	X						gry lptf(～tfbx)		MJBO-1	132.0m	134.0m	2.0m	<2	<.5	28	22	268	7	5	<1	<1	173	<5
656	MJBO-1 #54	X						gry lptf(～tfbx)		MJBO-1	140.0m	142.0m	2.0m	<2	<.5	28	49	444	55	<5	<1	9	1479	<5
657	MJBO-1 #55	X						gry lptf(～tfbx)		MJBO-1	142.0m	143.0m	1.0m	<2	<.5	30	51	157	39	5	1	7	1408	<5
658	MJBO-1 #56	X						gry lptf(～tfbx)		MJBO-1	143.0m	144.0m	1.0m	<2	<.5	31	26	152	75	6	<1	<1	178	<5
659	MJBO-1 #57	X						gry lptf(～tfbx)		MJBO-1	144.0m	145.0m	1.0m	<2	<.5	30	29	107	62	7	<1	1	626	<5
660	MJBO-1 #58	X						gry lptf(～tfbx)		MJBO-1	145.0m	146.0m	1.0m	<2	<.5	26	34	38	33	6	<1	7	964	<5
661	MJBO-1 #59	X						grn gry tf?	poor crust	MJBO-1	146.0m	147.0m	1.0m	<2	<.5	25	32	60	30	<5	<1	<1	736	<5
662	MJBO-1 #60	X						grn gry tf?	poor crust	MJBO-1	147.0m	148.0m	1.0m	<2	<.5	27	18	47	23	<5	<1	<1	710	<5
663	MJBO-1 #61	X						grn gry tf?	poor crust	MJBO-1	148.0m	149.0m	1.0m	<2	<.5	23	23	38	19	<5	<1	<1	1144	<5
664	MJBO-1 #62	X						grn gry tf?	poor crust	MJBO-1	149.0m	150.0m	1.0m	<2	<.5	25	23	38	12	<5	<1	<1	1281	<5
665	MJBO-1 #63	X						gry～(lgt gry) an		MJBO-1	155.0m	157.0m	2.0m	<2	<.5	28	18	117	<5	6	<1	<1	166	<5
666	MJBO-1 #64	X						lgt gry an		MJBO-1	160.0m	162.0m	2.0m	<2	<.5	60	20	96	10	<5	<1	<1	201	<5
667	MJBO-1 #65	X						drk gry an		MJBO-1	162.0m	164.0m	2.0m	<2	<.5	41	20	79	10	5	<1	<1	163	<5
668	MJBO-1 #66	X						drk gry an		MJBO-1	164.0m	166.0m	2.0m	<2	<.5	22	20	92	<5	<5	<1	<1	426	<5
669	MJBO-1 #67	X						lgt gry an		MJBO-1	166.0m	168.0m	2.0m	<2	<.5	22	16	66	6	6	<1	<1	297	<5
670	MJBO-1 #68	X						lgt gry～gry an		MJBO-1	168.0m	170.0m	2.0m	2	<.5	23	20	40	8	<5	<1	<1	166	<5
671	MJBO-1 #69	X						gry an		MJBO-1	170.0m	172.0m	2.0m	<2	<.5	28	20	31	11	<5	<1	<1	1279	<5
672	MJBO-1 #70	X						gry an		MJBO-1	172.0m	174.0m	2.0m	<2	<.5	34	23	25	13	<5	1	<1	852	<5
673	MJBO-1 #71	X						gry an		MJBO-1	174.0m	176.0m	2.0m	<2	<.5	35	22	23	37	5	<1	<1	127	<5
674	MJBO-1 #72	X						gry an		MJBO-1	176.0m	178.0m	2.0m	<2	<.5	36	27	26	16	<5	2	<1	1118	<5
675	MJBO-1 #73	X						gry an		MJBO-1	178.0m	180.0m	2.0m	<2	<.5	30	16	48	8	7	<1	<1	115	<5
676	MJBO-1 #74	X						lgt gry～gry bx		MJBO-1	180.0m	182.0m	2.0m	<2	<.5	30	23	90	7	5	<1	<1	193	<5
677	MJBO-1 #75	X						gry～lgt gry bx		MJBO-1	182.0m	184.0m	2.0m	<2	<.5	27	29	84	6	<5	<1	<1	104	<5
678	MJBO-1 #76	X						gry～lgt gry bx		MJBO-1	184.0m	186.0m	2.0m	<2	<.5	28	28	151	6	<5	<1	<1	132	<5
679	MJBO-1 #77	X						gry～lgt gry bx		MJBO-1	198.4m	200.0m	1.6m	<2	<.5	27	25	25	14	<5	<1	<1	361	<5
680	MJBO-1 #78	X						gry～lgt gry bx		MJBO-1	200.0m	201.0m	1.0m	<2	<.5	20	41	31	9	<5	<1	<1	1370	<5
681	MJBO-1 #79	X						gry～lgt gry bx		MJBO-1	201.0m	202.0m	1.0m	2	<.5	14	50	24	16	<5	<1	2	1191	<5
682	MJBO-1 #80	X						gry～lgt gry bx		MJBO-1	202.0m	203.0m	1.0m	2	<.5	17	38	31	24	<5	<1	8	976	<5
683	MJBO-1 #81	X						gry～lgt gry bx		MJBO-1	203.0m	204.0m	1.0m	<2	<.5	12	85	205	24	<5	<1	2	1132	<5
684	MJBO-1 #82	X						fault breccia		MJBO-1	204.0m	205.0m	1.0m	<2	<.5	20	269	233	44	<5	<1	1	1487	<5
685	MJBO-1 #83	X						bx (pink)		MJBO-1	205.0m	206.0m	1.0m	2	<.5	13	184	717	33	<5	<1	1	1807	<5
686	MJBO-1 #84	X						ple brn wht bx		MJBO-1	206.0m	207.0m	1.0m	<2	<.5	22	164	21	49	<5	<1	1	2086	<5
687	MJBO-1 #85	X						ple brn wht bx		MJBO-1	207.0m	208.0m	1.0m	<2	<.5	15	185	107	36	<5	<1	3	1519	<5
688	MJBO-1 #86	X						ple brn wht bx		MJBO-1	208.0m	209.0m	1.0m	<2	<.5	15	144	32	38	<5	<1	4	1306	<5
689	MJBO-1 #87	X						ple brn wht bx		MJBO-1	209.0m	210.0m	1.0m	3	<.5	32	206	35	74	<5	<1	6	1841	<5
690	MJBO-1 #88	X						ple brn gry bx (hyd)		MJBO-1	210.0m	211.0m	1.0m	2	<.5	31	163	101	51	7	<1	4	1376	<5
691	MJBO-1 #89	X						ple brn gry bx (hyd)		MJBO-1	211.0m	212.0m	1.0m	<2	<.5	27	111	184	27	6	<1	1	1141	<5
692	MJBO-1 #90	X						ple brn gry bx (hyd)		MJBO-1	212.0m	213.0m	1.0m	<2	<.5	36	207	411	60	<5	<1	1	1271	<5
693	MJBO-1 #91	X						ple brn gry bx (hyd)		MJBO-1	213.0m	214.0m	1.0m	<2	<.5	35	189	625	122	6	<1	5	1300	<5
694	MJBO-1 #92	X						ple brn wht (py bx)		MJBO-1	214.0m	215.0m	1.0m	<2	<.5	35	93	219	94	7	<1	<1	1220	<5
695	MJBO-1 #93	X						ple brn wht (py bx)		MJBO-1	215.0m	216.0m	1.0m	2	<.5	36	234	323	72	<5	<1	<1	635	<5
696	MJBO-1 #94	X						gry ～ lgt gry bx (hyd)		MJBO-1	216.0m	217.0m	1.0m	<2	<.5	26	112	120	144	<5	<1	5	63	<5
697	MJBO-1 #95	X						gry ～ lgt gry bx (hyd)		MJBO-1	217.0m	218.0m	1.0m	<2	<.5	13	39	73	70	<5	<1	12	133	<5
698	MJBO-1 #96	X						precipitated silica		MJBO-1	218.0m	219.0m	1.0m	<2	<.5	13	82	52	32	<5	<1	3	1372	<5
699	MJBO-1 #97	X						precipitated silica		MJBO-1	219.0m	220.0m	1.0m	<2	<.5	45	113	40	33	<5	<1	5	1342	<5
700	MJBO-1 #98	X						wht(gry) vs-sil rock		MJBO-1	220.0m	221.0m	1.0m	3	<.5	11	48	111	36	<5	<1	5	123	<5
701	MJBO-1 #99	X						wht(gry) vs-sil rock		MJBO-1	221.0m	222.0m	1.0m	2	<.5	9	28	88	30	<5	<1	13	575	<5
702	MJBO-1 #100	X						wht(gry) vs-sil rock		MJBO-1	222.0m	223.0m	1.0m	<2	<.5	11	44	186	72	<5	<1	6	105	<5

Appendix 1-2 Sample List of Laboratry Works (Drilling Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	Drill Hole	Depth m	(to m)	Interval	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
703	MJBO-1 #101	X						wht(gry) vs-sil rock		MJBO-1	223.0m	- 224.0m	1.0m	<2	<.5	12	34	106	31	<5	<1	13	139	<5
704	MJBO-1 #102	X						wht(gry) vs-sil rock		MJBO-1	224.0m	- 225.0m	1.0m	<2	<.5	4	27	223	39	<5	<1	5	306	<5
705	MJBO-1 #103	X						wht(gry) vs-sil rock		MJBO-1	225.0m	- 226.0m	1.0m	<2	<.5	9	29	190	31	<5	<1	12	401	<5
706	MJBO-1 #104	X						wht(gry) vs-sil rock		MJBO-1	226.0m	- 227.0m	1.0m	<2	<.5	8	50	200	44	<5	<1	6	118	<5
707	MJBO-1 #105	X						wht(gry) vs-sil rock		MJBO-1	227.0m	- 228.0m	1.0m	<2	<.5	8	25	252	35	<5	1	12	108	<5
708	MJBO-1 #106	X						wht(gry) vs-sil rock		MJBO-1	228.0m	- 229.0m	1.0m	<2	<.5	5	24	51	7	<5	<1	5	110	<5
709	MJBO-1 #107	X						wht(gry) vs-sil rock		MJBO-1	229.0m	- 230.0m	1.0m	<2	<.5	14	65	192	54	<5	<1	14	46	<5
710	MJBO-1 #108	X						wht(gry) vs-sil rock		MJBO-1	230.0m	- 231.0m	1.0m	<2	<.5	17	32	53	55	6	<1	1	811	<5
711	MJBO-1 #109	X						gry bx(hyd)		MJBO-1	231.0m	- 232.0m	1.0m	<2	<.5	28	29	18	56	<5	<1	<1	493	<5
712	MJBO-1 #110	X						gry bx(hyd)		MJBO-1	232.0m	- 234.0m	2.0m	<2	<.5	28	16	23	41	7	<1	<1	1239	<5
713	MJBO-1 #111	X						gry mdg an		MJBO-1	234.0m	- 235.0m	1.0m	<2	<.5	29	19	35	17	7	<1	<1	1428	<5
714	MJBO-1 #112	X						fault bx with cly		MJBO-1	235.0m	- 236.0m	1.0m	<2	<.5	31	22	29	21	<5	2	<1	1272	<5
715	MJBO-1 #113	X						fault bx with cly		MJBO-1	236.0m	- 237.0m	1.0m	<2	<.5	37	19	30	36	8	<1	<1	539	<5
716	MJBO-1 #114	X						gry an		MJBO-1	237.0m	- 238.0m	1.0m	<2	<.5	40	18	24	15	6	<1	<1	152	<5
717	MJBO-1 #115	X						gry an		MJBO-1	238.0m	- 239.0m	1.0m	<2	<.5	36	25	28	18	<5	<1	<1	122	<5
718	MJBO-1 #116	X						drk gry hyd bx		MJBO-1	248.0m	- 249.0m	1.0m	2	<.5	35	47	48	36	<5	<1	3	1388	<5
719	MJBO-1 #117	X						drk gry hyd bx		MJBO-1	249.0m	- 250.0m	1.0m	<2	<.5	31	110	1548	46	<5	2	7	61	<5
720	MJBO-1 #118	X						drk gry hyd bx		MJBO-1	250.0m	- 251.0m	1.0m	3	<.5	33	526	1340	95	5	<1	13	194	<5
721	MJBO-1 #119	X						drk gry hyd bx		MJBO-1	251.0m	- 252.0m	1.0m	<2	<.5	38	183	415	62	<5	<1	8	1026	<5
722	MJBO-1 #120	X						drk gry hyd bx		MJBO-1	252.0m	- 253.0m	1.0m	<2	<.5	31	61	182	40	<5	<1	8	1134	<5
723	MJBO-1 #121	X						drk gry hyd bx		MJBO-1	253.0m	- 254.0m	1.0m	<2	<.5	41	39	132	70	5	<1	3	1033	<5
724	MJBO-1 #122	X						drk gry hyd bx		MJBO-1	254.0m	- 256.0m	2.0m	<2	<.5	28	93	99	36	6	<1	<1	1328	<5
725	MJBO-1 #123	X						gry bx		MJBO-1	256.0m	- 257.0m	1.0m	<2	<.5	27	35	89	65	<5	<1	<1	947	<5
726	MJBO-1 #124	X						gry bx		MJBO-1	257.0m	- 258.0m	1.0m	<2	<.5	47	21	94	43	6	<1	<1	933	<5
727	MJBO-1 #125	X						fault zne		MJBO-1	263.0m	- 265.0m	2.0m	<2	<.5	21	26	30	31	<5	<1	2	264	<5
728	MJBO-1 #126	X						fault zne		MJBO-1	265.0m	- 267.0m	2.0m	<2	<.5	22	18	335	58	<5	<1	<1	153	<5
729	MJBO-1 #127	X						fault zne		MJBO-1	267.0m	- 268.0m	1.0m	<2	<.5	17	18	269	121	<5	<1	<1	88	<5
730	MJBO-1 #128	X						fault zne		MJBO-1	268.0m	- 269.0m	1.0m	<2	<.5	19	22	101	12	<5	<1	<1	85	<5
731	MJBO-1 #129	X						fault zne		MJBO-1	269.0m	- 270.0m	1.0m	<2	<.5	23	23	188	18	<5	<1	<1	293	<5
732	MJBO-1 #130	X						grn gry an		MJBO-1	270.0m	- 272.0m	2.0m	<2	<.5	22	23	61	13	6	<1	<1	163	<5
733	MJBO-1 #131	X						grn gry an		MJBO-1	272.0m	- 274.0m	2.0m	<2	<.5	19	23	169	12	<5	<1	<1	269	<5
734	MJBO-1 #132	X						gry fault zone		MJBO-1	274.0m	- 276.0m	2.0m	<2	<.5	24	22	111	22	<5	<1	<1	143	<5
735	MJBO-1 #133	X						gry fault zone		MJBO-1	276.0m	- 278.0m	2.0m	<2	<.5	23	33	201	27	<5	<1	<1	121	<5
736	MJBO-1 #134	X						gry fault zone		MJBO-1	278.0m	- 280.0m	2.0m	<2	<.5	23	22	128	23	<5	<1	<1	95	<5
737	MJBO-1 #135	X						gry fault zone		MJBO-1	280.0m	- 282.0m	2.0m	<2	<.5	27	29	174	20	6	<1	<1	127	<5
738	MJBO-1 #136	X						lgt gry ～gry bi an		MJBO-1	282.0m	- 284.0m	2.0m	<2	<.5	26	19	69	18	<5	<1	1	106	<5
739	MJBO-1 #137	X						lgt gry ～gry bi an		MJBO-1	284.0m	- 286.0m	2.0m	<2	<.5	26	18	95	8	<5	<1	<1	103	<5
740	MJBO-1 #138	X						lgt gry ～gry bi an		MJBO-1	286.0m	- 288.0m	2.0m	<2	<.5	22	18	136	8	6	<1	<1	108	<5
741	MJBO-1 #139	X						lgt gry ～gry bi an		MJBO-1	288.0m	- 290.0m	2.0m	<2	<.5	18	20	189	11	<5	<1	1	118	<5
742	MJBO-1 #140	X						lgt gry ～gry bi an		MJBO-1	290.0m	- 291.0m	1.0m	<2	<.5	15	18	124	7	<5	<1	<1	174	<5
743	MJBO-2 #1	X						lgt gry～ple brn wht fng hb dio		MJBO-2	0.0m	- 2.0m	2.0m	2	<.5	20	48	66	9	7	<1	3	1933	<5
744	MJBO-2 #2	X						ple brn wht dio		MJBO-2	14.0m	- 16.0m	2.0m	6	<.5	28	198	27	24	9	<1	2	1110	<5
745	MJBO-2 #3	X						wht～lgt gry hb dio		MJBO-2	30.0m	- 32.0m	2.0m	7	<.5	55	51	182	6	8	<1	3	1257	<5
746	MJBO-2 #4	X						gry dio		MJBO-2	44.0m	- 46.0m	2.0m	3	<.5	24	32	81	14	8	<1	6	789	<5
747	MJBO-2 #5	X						gry dio		MJBO-2	60.0m	- 62.0m	2.0m	2	<.5	23	32	143	7	11	<1	2	1201	<5
748	MJBO-2 #6	X						lgt gry dio		MJBO-2	72.0m	- 74.0m	2.0m	4	<.5	20	46	92	14	9	<1	5	1120	<5
749	MJBO-2 #7	X						lgt gry dio		MJBO-2	74.0m	- 76.0m	2.0m	4	<.5	19	48	85	12	11	<1	3	941	<5
750	MJBO-2 #8	X						lgt gry dio		MJBO-2	76.0m	- 78.0m	2.0m	2	<.5	22	49	134	16	9	<1	2	306	<5
751	MJBO-2 #9	X						lgt gry dio		MJBO-2	86.0m	- 88.0m	2.0m	12	<.5	23	98	146	9	10	<1	3	242	<5
752	MJBO-2 #10	X						lgt gry dio		MJBO-2	88.0m	- 90.0m	2.0m	5	<.5	23	158	167	<5	10	<1	3	104	<5

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Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	Drill Hole	Depth m	(to m)	Interval	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
753	MJBO-2 #11	X						lgt gry hb dio		MJBO-2	90.0m	92.0m	2.0m	5	0.5	27	169	621	15	6	<1	4	247	<5
754	MJBO-2 #12	X						lgt gry hb dio		MJBO-2	92.0m	94.0m	2.0m	3	<.5	25	121	100	6	8	<1	3	317	<5
755	MJBO-2 #13	X						lgt gry hb dio		MJBO-2	94.0m	96.0m	2.0m	7	<.5	26	129	336	9	<5	<1	4	127	<5
756	MJBO-2 #14	X						lgt gry hb dio		MJBO-2	96.0m	98.0m	2.0m	6	<.5	24	378	366	10	9	<1	4	128	<5
757	MJBO-2 #15	X						lgt gry hb dio		MJBO-2	98.0m	100.0m	2.0m	4	<.5	30	105	132	5	7	<1	4	878	<5
758	MJBO-2 #16	X						grn gry hb dio		MJBO-2	106.0m	108.0m	2.0m	2	<.5	20	49	147	11	8	<1	1	1112	<5
759	MJBO-2 #17	X						lgt gry～grn gry dio		MJBO-2	120.0m	122.0m	2.0m	5	<.5	22	66	125	<5	9	<1	2	1506	<5
760	MJBO-2 #18	X						grn gry hb dio		MJBO-2	134.0m	136.0m	2.0m	4	<.5	26	95	139	9	6	<1	2	1228	<5
761	MJBO-2 #19	X						grn gry dio		MJBO-2	150.0m	152.0m	2.0m	6	<.5	21	124	289	7	7	<1	3	1016	<5
762	MJBO-2 #20	X						grn gry dio		MJBO-2	165.0m	167.0m	2.0m	3	<.5	16	65	145	<5	8	<1	2	1478	<5
763	MJBO-2 #21	X						lgt gry dio		MJBO-2	167.0m	169.0m	2.0m	4	<.5	21	227	180	<5	7	<1	4	620	<5
764	MJBO-2 #22	X						lgt gry dio		MJBO-2	169.0m	170.0m	1.0m	8	<.5	33	95	92	9	8	<1	2	1254	<5
765	MJBO-2 #23	X						lgt gry dio		MJBO-2	170.0m	171.0m	1.0m	26	<.5	38	626	128	15	7	<1	3	129	<5
766	MJBO-2 #24	X						lgt gry dio		MJBO-2	171.0m	172.0m	1.0m	22	<.5	31	981	122	11	6	<1	3	1429	<5
767	MJBO-2 #25	X						lgt gry dio		MJBO-2	172.0m	174.0m	2.0m	19	0.6	39	571	254	13	8	<1	3	143	<5
768	MJBO-2 #26	X						lgt gry dio		MJBO-2	174.0m	176.0m	2.0m	9	<.5	39	772	694	17	8	<1	2	247	<5
769	MJBO-2 #27	X						lgt gry dio		MJBO-2	176.0m	177.0m	1.0m	11	1.2	61	846	326	22	6	<1	3	203	<5
770	MJBO-2 #28	X						lgt gry dio		MJBO-2	177.0m	178.0m	1.0m	10	0.7	28	674	168	10	6	<1	2	1214	<5
771	MJBO-2 #29	X						lgt gry dio		MJBO-2	178.0m	180.0m	2.0m	12	<.5	30	626	110	12	6	<1	3	1196	<5
772	MJBO-2 #30	X						lgt gry dio		MJBO-2	180.0m	182.0m	2.0m	6	<.5	20	209	361	8	9	<1	3	91	<5
773	MJBO-2 #31	X						lgt gry dio		MJBO-2	182.0m	184.0m	2.0m	3	<.5	22	142	297	11	8	<1	3	539	<5
774	MJBO-2 #32	X						lgt gry dio		MJBO-2	184.0m	186.0m	2.0m	6	<.5	26	180	824	9	9	<1	3	442	<5
775	MJBO-2 #33	X						gry wht dio		MJBO-2	186.0m	188.0m	2.0m	4	<.5	32	514	355	7	7	<1	3	700	<5
776	MJBO-2 #34	X						gry wht dio		MJBO-2	188.0m	190.0m	2.0m	5	<.5	38	744	169	10	8	<1	3	1290	<5
777	MJBO-2 #35	X						gry wht dio		MJBO-2	190.0m	192.0m	2.0m	18	<.5	59	695	196	17	6	<1	7	1845	<5
778	MJBO-2 #36	X						gry wht dio		MJBO-2	192.0m	194.0m	2.0m	16	<.5	45	526	251	19	6	<1	5	203	<5
779	MJBO-2 #37	X						lgt gry dio		MJBO-2	194.0m	196.0m	2.0m	15	<.5	24	372	233	10	7	<1	2	183	<5
780	MJBO-2 #38	X						lgt gry dio		MJBO-2	196.0m	198.0m	2.0m	10	<.5	22	250	280	11	5	<1	3	251	<5
781	MJBO-2 #39	X						lgt gry dio		MJBO-2	198.0m	200.0m	2.0m	13	<.5	28	184	176	7	<5	<1	2	622	<5
782	MJBO-2 #40	X						grn gry dio		MJBO-2	200.0m	202.0m	2.0m	6	<.5	21	109	147	6	7	<1	3	1207	<5
783	MJBO-2 #41	X						gry wht dio		MJBO-2	202.0m	204.0m	2.0m	6	<.5	17	144	159	<5	6	<1	3	643	<5
784	MJBO-2 #42	X						gry wht dio		MJBO-2	204.0m	206.0m	2.0m	11	<.5	27	199	129	12	<5	<1	3	709	<5
785	MJBO-2 #43	X						gry wht dio		MJBO-2	206.0m	208.0m	2.0m	18	<.5	25	160	109	<5	9	<1	3	375	<5
786	MJBO-2 #44	X						grn gry dio		MJBO-2	208.0m	210.0m	2.0m	8	<.5	26	85	160	<5	5	<1	2	1517	<5
787	MJBO-2 #45	X						grn gry dio		MJBO-2	210.0m	212.0m	2.0m	8	<.5	20	103	171	<5	6	<1	2	1525	<5
788	MJBO-2 #46	X						grn gry dio		MJBO-2	212.0m	214.0m	2.0m	6	<.5	16	98	187	<5	10	<1	2	1622	<5
789	MJBO-2 #47	X						grn gry dio		MJBO-2	214.0m	216.0m	2.0m	11	<.5	19	128	178	<5	7	<1	3	1554	<5
790	MJBO-2 #48	X						grn gry dio		MJBO-2	216.0m	218.0m	2.0m	4	<.5	23	91	171	<5	7	<1	2	1634	<5
791	MJBO-2 #49	X						grn gry dio		MJBO-2	218.0m	220.0m	2.0m	19	<.5	26	196	170	<5	7	<1	2	620	<5
792	MJBO-2 #50	X						grn gry dio		MJBO-2	220.0m	222.0m	2.0m	34	<.5	26	116	90	7	6	<1	3	961	<5
793	MJBO-2 #51	X						grn gry dio		MJBO-2	222.0m	224.0m	2.0m	33	<.5	24	48	109	<5	5	<1	1	1449	<5
794	MJBO-2 #52	X						grn gry dio		MJBO-2	224.0m	226.0m	2.0m	18	<.5	21	111	158	<5	6	<1	3	1525	<5
795	MJBO-2 #53	X						lgt gry～wht dio		MJBO-2	226.0m	228.0m	2.0m	51	<.5	29	159	150	<5	<5	<1	3	901	<5
796	MJBO-2 #54	X						grn gry dio		MJBO-2	228.0m	230.0m	2.0m	23	<.5	17	117	153	<5	8	<1	2	1317	<5
797	MJBO-2 #55	X						grn gry dio		MJBO-2	230.0m	232.0m	2.0m	8	<.5	19	166	191	<5	9	<1	3	1583	<5
798	MJBO-2 #56	X						grn gry dio		MJBO-2	232.0m	234.0m	2.0m	15	<.5	19	118	181	<5	7	<1	3	1463	<5
799	MJBO-2 #57	X						grn gry dio		MJBO-2	234.0m	236.0m	2.0m	7	<.5	17	94	151	<5	7	<1	2	1515	<5
800	MJBO-2 #58	X						grn gry dio		MJBO-2	236.0m	238.0m	2.0m	22	<.5	22	169	188	6	7	<1	3	809	<5
801	MJBO-2 #59	X						grn gry dio		MJBO-2	238.0m	240.0m	2.0m	17	<.5	20	101	153	<5	<5	<1	3	1053	<5
802	MJBO-2 #60	X						grn gry dio		MJBO-2	240.0m	242.0m	2.0m	9	<.5	21	83	179	<5	7	<1	3	1642	<5

Appendix 1-2 Sample List of Laboratry Works (Drilling Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	Drill Hole	Depth m	Depth (to m)	Interval	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
803	MJBO-2 #61	X						lgt gry dio		MJBO-2	242.0m	– 244.0m	2.0m	31	<.5	29	139	180	6	8	<1	4	956	<5
804	MJBO-2 #62	X						lgt gry dio		MJBO-2	244.0m	– 246.0m	2.0m	32	<.5	22	155	124	<5	<5	<1	3	380	<5
805	MJBO-2 #63	X						grn gry dio		MJBO-2	246.0m	– 248.0m	2.0m	30	<.5	22	95	154	8	10	<1	2	657	<5
806	MJBO-2 #64	X						lgt gry dio		MJBO-2	248.0m	– 250.0m	2.0m	50	<.5	31	128	130	<5	7	<1	3	518	<5
807	MJBO-2 #65	X						lgt gry dio		MJBO-2	250.0m	– 252.0m	2.0m	22	<.5	33	177	207	11	<5	<1	3	192	<5
808	MJBO-2 #66	X						grn gry dio		MJBO-2	252.0m	– 254.0m	2.0m	13	<.5	21	91	164	<5	7	<1	3	611	<5
809	MJBO-2 #67	X						grn gry dio		MJBO-2	254.0m	– 256.0m	2.0m	8	<.5	11	30	108	<5	6	<1	3	1479	<5
810	MJBO-2 #68	X						grn gry dio		MJBO-2	256.0m	– 258.0m	2.0m	6	<.5	14	39	104	<5	6	<1	4	1521	<5
811	MJBO-2 #69	X						lgt gry～wht dio		MJBO-2	280.0m	– 282.0m	2.0m	10	<.5	14	40	98	<5	8	<1	3	808	<5
812	MJBO-2 #70	X						grn gry dio		MJBO-2	298.0m	– 300.0m	2.0m	5	<.5	15	33	84	5	<5	<1	2	1362	<5
813	MJBO-1- #15			X				red brn wht an		MJBO-1	15.0m													
814	MJBO-1- #30			X				red brn an		MJBO-1	30.0m													
815	MJBO-1- #45			X				ple brn～ple brn wht an		MJBO-1	45.0m													
816	MJBO-1- #60			X				ple brn wht an		MJBO-1	60.0m													
817	MJBO-1- #75			X				plr brn wht an		MJBO-1	75.0m													
818	MJBO-1- #90			X				gry brectd an		MJBO-1	90.0m													
819	MJBO-1- #105			X				drk gry tf bx～lptf		MJBO-1	105.0m													
820	MJBO-1- #109						X	drk gry tf bx～lptf		MJBO-1	109.3m													
821	MJBO-1- #120			X				gry～drk gry tfbx～lptf		MJBO-1	120.0m													
822	MJBO-1- #135			X				gry lptf(～tfbx)		MJBO-1	135.0m													
823	MJBO-1- #150			X				grn gry tf		MJBO-1	150.0m													
824	MJBO-1- #165			X				lgt gry an		MJBO-1	165.0m													
825	MJBO-1- #180			X				gry an		MJBO-1	180.0m													
826	MJBO-1- #188				X		X	grn gry～yell grn bi an		MJBO-1	187.5m													
827	MJBO-1- #195			X				ple grn gry an		MJBO-1	195.0m													
828	MJBO-1- #206						X	ple brn wht bx		MJBO-1	206.2m													
829	MJBO-1- #210			X				ple brn wht bx		MJBO-1	210.0m													
830	MJBO-1- #215			X				ple brn wht py bx		MJBO-1	215.0m													
831	MJBO-1- #219			X	X		X	precipitated silica		MJBO-1	219.1m													
832	MJBO-1- #225			X				wht(gry) vs-sil rock		MJBO-1	225.0m													
833	MJBO-1- #233				X		X	lgt gry cs tf		MJBO-1	233.4m													
834	MJBO-1- #240			X				gry fault zone		MJBO-1	240.0m													
835	MJBO-1- #255			X				(drk)gry hydbx		MJBO-1	255.0m													
836	MJBO-1- #270			X				grn gry an		MJBO-1	270.0m													
837	MJBO-1- #285			X				lgt gry～gry bi an		MJBO-1	285.0m													
838	MJBO-1- #288				X		X	lgt gry～gry bi an		MJBO-1	287.5m													
839	MJBO-1- #291			X				grn gry bi sn		MJBO-1	290.9m													
840	MJBO-1- #300			X				fault zone		MJBO-1	300.0m													
841	MJBO-2- #15			X				plre brn wht dio		MJBO-2	14.5m													
842	MJBO-2- #30			X				gry dio		MJBO-2	30.0m													
843	MJBO-2- #45			X				gry dio		MJBO-2	45.0m													
844	MJBO-2- #60			X				gry dio		MJBO-2	60.0m													
845	MJBO-2- #75			X				lgt gry dio		MJBO-2	75.0m													
846	MJBO-2- #90			X				lgt gry dio		MJBO-2	90.0m													
847	MJBO-2- #105			X				grn gry hb dio		MJBO-2	104.8m													
848	MJBO-2- #120			X				grn gry dio		MJBO-2	120.0m													
849	MJBO-2- #135			X				grn gry hb dio		MJBO-2	135.0m													
850	MJBO-2- #150			X				grn gry dio		MJBO-2	150.0m													
851	MJBO-2- #151				X			grn gry dio		MJBO-2	151.0m													
852	MJBO-2- #165			X				grn gry dio		MJBO-2	165.1m													

Appendix 1-2 Sample List of Laboratry Works (Drilling Survey)

Serial No.	Sample No.	CA rock	CA ore	XR	TS	PS	STD	Field name of Rock	Remarks	Drill Hole	Depth m	Depth (to m)	Interval	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ba ppm	Sn ppm
853	MJBO-2- #180			X				lgt gry dio		MJBO-2	180.0m													
854	MJBO-2- #193			X				gry wht dio		MJBO-2	193.0m													
855	MJBO-2- #210			X				grn gry dio		MJBO-2	210.0m													
856	MJBO-2- #225			X				grn gry dio		MJBO-2	225.0m													
857	MJBO-2- #226				X			grn gry dio		MJBO-2	225.8m													
858	MJBO-2- #240			X				grn gry dio		MJBO-2	240.0m													
859	MJBO-2- #255			X				grn gry dio		MJBO-2	255.0m													
860	MJBO-2- #262				X			grn drk gry hb-bi an		MJBO-2	261.5m													
861	MJBO-2- #265			X				grn drk gry hb-bi an		MJBO-2	265.0m													
862	MJBO-2- #285			X				grn gry dio		MJBO-2	285.0m													
863	MJBO-2- 300m			X				grn gry dio		MJBO-2	300.0m													

Appendix 1-2 Sample List of Laboratry Works (Drilling Survey)