BC Geological Survey
Assessment Report
31892

REPORT ON
SOIL SAMPLING PROGRAM
September 5th to September 11th 2010

BESSHI PROPERTY

AIKEN LAKE – MESILINKA RIVER AREA
BRITISH COLUMBIA

Latitude 56 degrees 28 minutes North
Longitude 125 degrees 45 minutes West
NTS 94C/5
BC Map 94C042

by
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I. Summary and Recommendations

The Besshi property consists of 10 mineral claims covering 1144 ha. It is located 5 kilometres northeast of Aiken Lake adjacent to the Kemess Mine access road and 250 kilometres north of Fort St. James, B.C. The claims are owned by Dr. R.H. McMillan (48%), Mr. RR. Keefe (32%) and Mr. A.D. Halleran (20%). The property is currently under option to Atocha Resources Inc., who can earn a 100% interest in the property.

The property covers a belt of volcanic and sedimentary rocks and was prospected by the Consolidated Mining and Smelting Company (CM&S or COMINCO) in the 1930's. More recently in the 1970's, Susie Gold Mines Ltd. completed soil geochemical sampling, ground geophysical and prospecting for porphyry copper-style mineralization. In the 1980's, Golden Rule Resources undertook additional soil geochemical sampling, ground geophysical and prospecting directed towards precious metal exploration.

The Besshi Property was originally staked as modified grid and two-post claims by R.H. McMillan and Keefe in 1992, with the McMillan-Keefe claims enclosing the Pol 1-3 claims staked earlier by Mr. William Halleran and partners. The properties were subsequently optioned by Dentonia Resources Ltd. In February 1993, an airborne electromagnetic, magnetic and VLF-EM survey commissioned by Dentonia was flown over the property. McMillan and Keefe and Halleran have undertaken soil, stream sediment and lithogeochemical sampling directed towards precious metal and Besshi-type VMS mineralization.

On Jupiter Creek more than 300 metres of drifting and 200 metres of crosscutting was completed on several gold and silver-base metal showings. The main structure, the Number 2 "vein", is a "shear-zone" structure composed of carbonate-altered pyritic graphytic rock with some green mica (mariposite) alteration. The showing has many aspects similar to "greenstone-type" or "orogenic-type" gold deposits. Based on assay plans (BCEMPR property files) Carter (1993) estimated the main drift exposed a mineralized zone 1.3 metres wide assaying and average of 6.34 g/t Au and 42.5 g/t Ag for a length of 24.4 metres. Cross structures host classical vein-type silver-rich galena and sphalerite mineralization in quartz-carbonate fissure veins.

In the Polaris Creek Area, a strongly altered (silicification and carbonatization) contact area between mafic volcanic and clastic sedimentary rocks has been traced by airborne and ground geophysical surveys for 3 kilometres. Showings of massive sulphide (pyrrhotite-pyrite) nine (9) metres in thickness are exposed in Polaris Creek Canyon. The massive sulphides are characteristic of a paleo-geothermal system and black smoker hydrothermal activity and could host a Besshi-type volcanogenic massive sulphide deposit. Although the massive sulphides exposed in Polaris Creek are barren of base and precious metals, such deposits can change facies along strike and in the stratigraphic footwall into productive base and precious metal environment. Soil geochemical surveys have outlined targets in the recessively-weathered gulley along strike east and west of the exposed massive sulphides. Copper-in-soil values range up to 275 ppm, zinc to 800 ppm, silver to 3.8 ppm, gold to 165 ppb and molybdenum to 120 ppm.

Also in the Polaris Creek area, approximately 550 metres above the massive sulphide horizon, an adit with several branches was driven a total of 45 metres to intersect quartz vein mineralization cutting porphyritic diorite found in talus. The adit reportedly stopped short of the target, however the talus material returned assays of between 6.9 and 415 g/t (0.2 and 12.1 oz/ton) gold. Geophysical conductors 10A and 10B, interpreted to be caused by a 5 to 10 metres concordant tabular body, are located along strike 100 metres southeast of the adit, as are anomalous copper-in-soil samples to 245 ppm Cu.

Perhaps of more significance, and approximately 850 metres above the massive sulphide zone, CM&S found the "Discovery Zone" (BCEMPR Property Files), an area of quartz-carbonate veining in argillite measuring 35 by 6 metres, carrying pyrite, arsenopyrite, pyrrhotite, galena, sphalerite, chalcopyrite and minute particles of free gold. Samples from the veins yielded assays of up to 1015 g/t Au (60 oz./ton), with 36 samples of vein material averaging 2.2 oz/ton Au, with the entire zone estimated to carry 0.11 oz/ ton Au. Along strike from the “Discovery Zone” to the southeast, highly anomalous soil samples (to 616 ppm Cu, 2.0 ppm Ag and 165 ppb Au) with an associated zone of conductivity.

One hundred metres above the "Discovery Zone", CM&S trenched a base metal occurrence called to "Nanny Zone", where a 20 to 100 centimetre thick zone containing chalcopyrite, pyrite and pyrrhotite yielded assays of 3.56% Cu, 2.1 g/t Au and 20.0 g/t Ag across 0.6 metres.

The Besshi property was one of the most important exploration targets for the Consolidated Mining and Smelting Company (CM&S or COMINCO) in the late 1930’s. COMINCO completed extensive prospecting programs and more than 500 metres of drifting and crosscutting, but terminated exploration because of World War 2. Neither COMINCO or any of the subsequent operators have undertaken a drill program on the property despite the highly encouraging results. Targets at Besshi include greenstone and sediment-hosted (orogenic) gold deposits as well as precious metal rich VMS-style deposits.

In September of this year, Atocha Resources Inc undertook exploration program of 204 soil samples.

Although a substantial drill program is clearly warranted for the property, drilling should be preceded by additional soil geochemical sampling and prospecting. A limited program of induced polarization and magnetic surveying over drill locations could also be warranted. A major drill program (approximately 2000 metres in 15 holes) is recommended.

II. Introduction

The Besshi Property was staked by Messrs. Ralph Keefe and the author (RHM) in 1992 to cover geophysical anomalies related to a Besshi-type VMS environment centred on Polaris Creek and a greenstone-orogenic gold environment on Jupiter and Polaris Creeks. Since that time, various tenures have been abandoned and re-staked, with the current Besshi claims covering the key soil geochemical and electromagnetic-magnetic anomalies associated with the VMS and orogenic gold environment. Mr. William Halleran and partners owned the original Pol 1 to 3 claims which covered the Polaris and Jupiter gold showings. The McMillan-Keefe and the Halleran claims have now been unified in an agreement between McMillan, Keefe and Halleran whose interests are respectively 48%, 32% and 20%. The partners have since entered into an option agreement with Atocha Resources Inc, whereby Atocha can earn a 100% interest in the Besshi Property.

Much of the information presented in this report is derived from the sources referenced in Section 14 of this report. In addition portions of this report, in particular the sections on the location, geology, physical setting and history of the property are derived partially or verbatim from a report by Carter (1993). The author of this report has taken the entire report from R. H. McMillan Ph.D., P.Geo. 2009 assessment report on the Besshi Property and used it as need in this report.

III. Location and Access

The Besshi property is located 340 kilometres northwest of Prince George (Figure 1). The mineral claims are immediately north of Lay Creek, and between 3 and 6 kilometres north of Aiken Lake (Figure 2) in NTS 94C/5 at latitude 58 degrees 26 minutes North and 125 degrees 45 minutes West.

The property is readily accessible by way of the Omineca Mining Access Road (OMAR) and Kemess Mine road which passes within a few hundred metres of the southern part of the claims (Figure 2). Two principal access routes are available, one by way of active logging roads some 250 km. in length down the west side of Williston Lake to a point 160 km. north of Prince George on highway 97. The second is via the traditional OMAR road south to Germansen Landing and Fort St. James, a distance of approximately 335 km.

Findlay Forest Products recently logged much of the area covered by the claims and excellent road access is available to most areas. A decommissioned logging road on the north side of Lay Creek provides excellent access to the central part of the property and is reached on the north side of Lay Creek at km. 64, approximately 9 km. north of Aiken Lake.

Until recently, accommodation was available at Osilinka Camp, operated by Finlay Forest Products and situated some 50 km. southeast of the property (Figure 1). However the camp is temporarily shut down. A truck stop for ore-haul trucks from the Kemess mine still operates at Osilinka Camp, but does not offer services. The nearest gas facilities area at Germansen Landing (approximately 130 km. south of Aiken Lake) or MacKenzie (274 km. south of Aiken Lake).

Figure 1: Regional Location Map

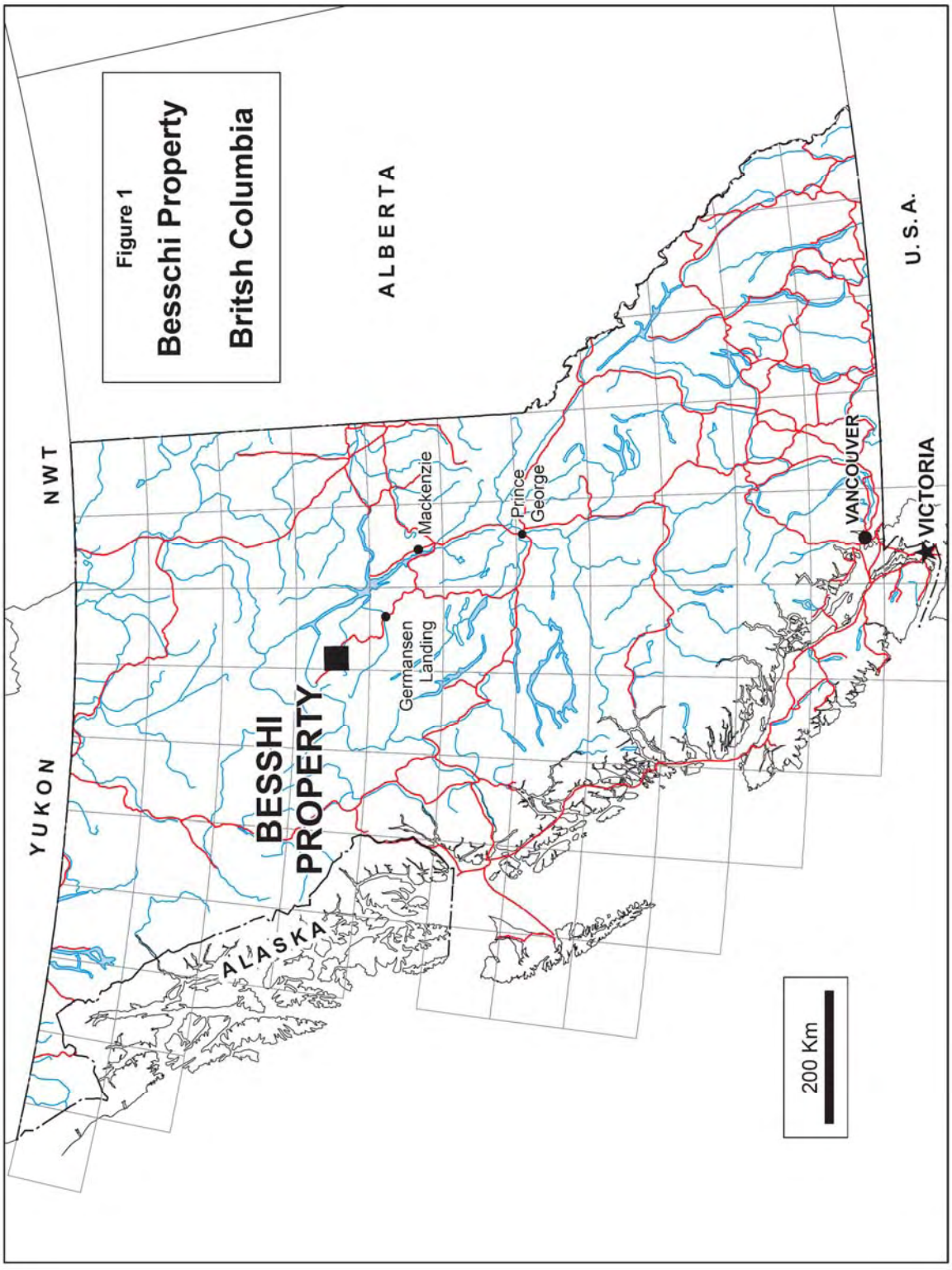
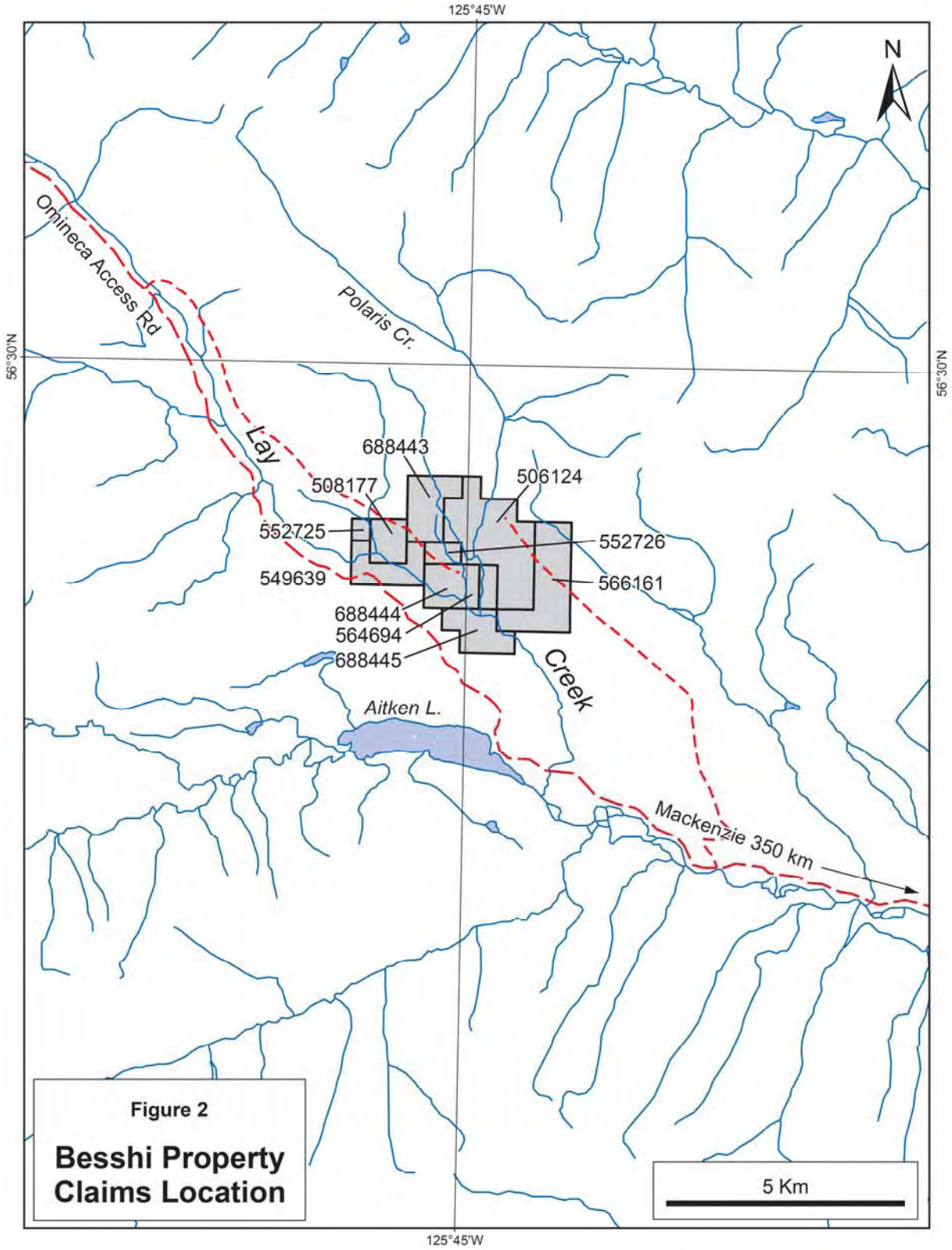


Figure 2: Regional Location Map



IV. Mineral Property

The Besshi Property consists of ten mineral claims totalling 1144 hectares, located adjacent to the Kemess Mine road in the Aiken Lake – Mesilinka River area of British Columbia. Messrs. R. H. McMillan, R. Keefe and A.D. Halleran are tenure holders the seven claims which currently comprise the property.

The mineral claims comprising the property are shown on Figure 2 and details are as follows:

Mineral Tenure – Besshi Property

Tenure #	Name	Issue Date	Good to Date	Area (ha)	Registered Owner
506124		2005/feb/07	2015/sep/18	321.72	RHM, RRK, ADH
508177		2005/mar/02	2015/sep/18	71.49	RHM, RRK, ADH
549639	Besshi	2007/jan/16	2014/sep/18	107.25	RRK
552725	Besshi	2007/feb/25	2015/sep/18	17.87	RRK
552726		2007/feb/25	2015/sep/18	35.75	RRK
564694	Besshi	2007/aug/16	2015/sep/18	35.75	RRK
566161	Besshi	2007/sep/18	2015/sep/18	214.53	RRK
688443		2009/dec/22	2014/dec/22	125.09	RHM
688444	Besshi	2009/dec/22	2014/dec/22	107.26	RHM
688445	Besshi	2009/dec/22	2014/dec/22	107.29	RHM
Total				1144.00	

V. Physical Setting

The Besshi property is situated on a relatively gentle south-facing slope in the lower reaches of the Lay Range, immediately north of Lay Creek, an east-flowing tributary of Mesilinka River (Figures 1, 2, 3). The broad Lay Creek valley is broken by deeply incised (+100 metres deep) canyons along both Lay and Polaris Creeks (Figure 3). Elevations range from slightly more than 1000 metres in the south-eastern property area to about 1450 metres along the northern boundary.

Prior to logging, an open forest cover of spruce, pine, fir and poplar extended over most of the property. Bedrock is best exposed in the canyons along Lay Creek and the two principal tributaries - Polaris and Berry Creeks. Overburden, consisting of gravel and till, ranges in thickness form a few centimetres to more than 30 metres and obscures more than 95% of the property area. Excellent bedrock exposures are present in the canyon walls of Lay and Polaris Creeks.

VI. History

The earliest recorded mining activity in the general area of Aiken Lake took place in 1899 and was directed towards placer gold on Jim May Creek, a tributary of Osilinka River. Prospecting for lode deposits, initiated throughout north-central British Columbia by the Consolidated Mining and Smelting Company (COMINCO) in 1927, was successful in the discovery of a number of mineral showings including the Jupiter and Polaris gold-silver prospects. The Polaris Aand Jupiter showings are included within claims of the present Besshi property.

Work by COMINCO on these two prospects continued through the 1930's and included surface stripping, hand trenching and more than 500 metres of underground development on the Jupiter

prospect and hand trenching and 45 metres of underground crosscutting on the Polaris prospect 4 km. to the east.

Both prospects lay dormant until 1975, when a large block of claims located by Susie Gold Mines Ltd. included most of the present Besshi property (BCEMPR Assessment Report 6037 and 6607). Work by this company in 1976 and 1977 was directed towards assessing the potential for porphyry copper-molybdenum mineralization and included geological mapping, magnetometer and VLF-EM surveys and soil sampling over a large area north of Lay Creek between Berry and Polaris Creeks.

Claims were re-located over the same general area by Golden Rule Resources in 1980. The precious metals potential of the Jupiter and Polaris prospects was the main focus of attention and work through 1983 included soil geochemistry and geophysical surveys centred on the two principal mineral showings, construction of a 1 km. tote road linking the Jupiter workings with the Omineca road and some re-sampling of the main Jupiter adit (BCEMPR Assessment Report 11251).

Skylark Resources Ltd. re-located claims in 1987 and completed soil and stream sediment geochemistry north and south of Lay Creek (BCEMPR Assessment Report 17457).

Prospecting and limited rock sampling was carried out by Mister W. H. Halleran in the area of the Jupiter and Polaris showings following the location of the Pol 1-3 claims in 1990.

In February 1993, Dentonia Resources Ltd. commissioned Geonex Aerodat Inc. to complete a helicopter mounted magnetic-electromagnetic-VLF-EM survey over the property (Wollham, 1993; McMillan, 1993a). In the survey, a total of 125 line kilometres was flown, and a satellite-based global positioning device (GPS) was utilised for accurate location of the anomalies. In August 1993, Dentonia engaged the author (RHM) and Mr. Ralph Keefe to undertake ground geochemical and geophysical surveys which included silt geochemistry (60 samples), lithogeochemistry (18 samples) and 2 km of magnetic and VLF-EM surveying (McMillan, 1993b). The results of the survey are presented in BCEMPR Assessment Report 22,883. In August 2000, McMillan and Keefe completed additional lithogeochemical (2 samples), stream sediment (21 samples) and soil geochemical (38 samples) surveys in the area west of Polaris Creek (BCEMPR Assessment Report 26,308).

The earliest government geological work in the area was published in 1940 by Douglas Lay of the B. C. Department of Mines (Lay, 1940). The area was mapped at a scale of 1:253,400 by the Geological Survey of Canada who published Memoir 274 (Roots, 1954) in 1954. More recently, the area was mapped by the B. C. Geological Survey at a scale of 1:50,000 (Ferri, 1992).

VII. Regional Geology and Metallogeny

The Aiken Lake area, which straddles the boundary between the Intermontane and Omineca Crystalline tectonic belts, features a number of diverse geological terranes.

The area southwest of Mesilinka River and Aiken Lake, including the present Besshi property (Figure 3), is underlain by late Triassic to early Jurassic Takla Group volcanic and lesser sedimentary rocks which lie along the eastern margin of the mainly coeval Hogem Granitic Intrusive Complex.

These intrusive and layered rocks, part of Quesnel terrane, are in apparent fault contact with a late Paleozoic, island arc-related clastic and volcaniclastic sequence northeast of Mesilinka River and Lay Creek. This older sequence, part of Harper Ranch Terrane, underlies the central part of the Lay Range between Lay Creek and Swannell River and is cored by the northwest-trending 14 x 4 km. Alaskan-type Polaris Ultramafic complex of late Triassic age (Nixon et al, 1990).

The eastern margin of Harper Ranch Terrane is along Swannell River (Figure 3) north of which older, late Proterozoic Inginika Group clastic and carbonate sedimentary rocks of Cassiar terrane are in thrust fault contact with younger rocks.

Harper Ranch Terrane was previously included with Quesnel Terrane sequences of the Intermontane tectonic belt but is now thought to represent the western margin of the Omineca Crystalline belt (Nixon et al, 1990; Ferri et al, 1991).
A regional northwest-trending structural grain is imparted by major dextral and thrust faults separating the various geological terranes, and by faulting, shearing and stratigraphic trends within the various terranes and the northwest trends of the Polaris ultramafic and Hogem granitic intrusive complexes.

Mesothermal (orogenic) shear zone gold deposits and quartz-carbonate veins occupying fracture zones and containing gold-silver values are developed in Takla Group volcanic-sedimentary sequences in the southern Lay Range north of Aiken Lake. The best examples are the Jupiter and Polaris prospects which are contained within the Besshi claims.

Massive and semi-massive layers of pyrite and pyrrhotite-pyrite containing some copper and gold values are known in Takla Group volcanic strata west of Lay Creek several kilometres west of Aiken Lake and in the lower part of Polaris Creek adjacent to the Besshi property.
The Polaris ultramafic complex contains some localised anomalous platinum group metal values in chromite-bearing dunites and pyroxenites (Nixon et al, 1990).

The Aiken Lake area is known to contain numerous different types of mineral deposits and occurrences. The most prevalent are copper (gold) showings developed in fracture zones and marginal to satellitic intrusions in Takla Group volcanic rocks peripheral to the eastern margin of the Hogem intrusive complex.

Quartz veins containing pyrite, chalcopyrite, magnetite and molybdenite and locally gold values are numerous in Takla volcanic rocks west of Aiken Lake. Several magnetite lodes in volcanic rocks in the same general area are known to contain locally significant concentrations of copper and gold.

Within Takla Group rocks, located respectively approximately 120 km. southeast and 100 km. south of the Besshi Property, Terrane Metals Corporation's Mount Milligan porphyry deposit and Serengeti Resources' Kwanika deposit are both advancing towards production. According to the Terrane website, Mount Milligan has a reserve of 482.4 million tonnes grading 0.20% Cu and 0.388 g/t Au. The Serengeti website states that, based on a 0.25% equivalent cutoff grade, a resource of "*182.6 million tonnes of Indicated Mineral Resources grading a 0.47% copper equivalent or a 0.71 grams gold/tonne equivalent containing 1.62 million ounces of gold and 1.15 billion pounds of*

copper. Inferred Mineral Resources of 28.5 million tonnes grade 0.32% copper equivalent or 0.49 grams gold/tonne equivalent and contain an additional 0.2 million ounces of gold and 120 million pounds of copper."

VIII. Property Geology

The principal geological elements are shown on Figure 3. The following description is based on reports by Potter (1976), Roots (1954), and Lay (1940) an on mapping by the author (RHM) in August of 1993 and 1999.

The oldest rocks, exposed in Polaris Creek, are a mafic-dominated section of basaltic tuffs and minor flows with intercalated impure limestones, cherty argillaceous siltstones and greywackes. The sequence is intruded by a few dykes and two sill-like bodies of quartz monzonite and biotite porphyry. Bedding generally strikes north to north-northwest, with moderate dips generally to the east, although local open folds were noted.

A prominent northwest-trending fault zone is well-exposed at the base of the triple waterfall in Polaris Canyon. The fault zone separates the volcanic-volcaniclastic sequence to the northeast from a thick succession of black, pyritic and graphytic argillites. The contact area between the mafic volcanic rocks and the black argillites is marked by intense carbonatization, silicification, pyritization and bleaching. The steeply-dipping, northwest-trending epiclastic sequence has an apparent thickness of more than 1000 metres.

The sedimentary sequence is bounded on the southwest by intermediate to mafic volcanic flows and tuffs which are variably sheared and feature locally intense chloritic and carbonate alteration, the latter being particularly well developed adjacent to the Jupiter No. 2 "shear-zone" structure as well as on the tote road on the south side of the Jupiter adit. Small porphyritic dioritic bodies which parallel the No. 2 "shear-zone" structure are possibly inrusive in origin (Roots, 1954).

The volcanic and sedimentary rocks underlying the Lay Range and extending south to Lay Creek were regarded by Roots (1954) as being of late Paleozoic age. Roots' map shows these rocks to be separated from the late Triassic to early Jurassic Takla strata to the west by a fault. Mapping by Potter (1976) shows no fault or displacement of lithologies along Lay Creek. More recently work by Ferri (personal communication) indicates that both the volcanic assemblages and the intervening sedimentary unit form the basal part of the Upper Triassic Takla Group. The nature of the sedimentary rocks which include calcareous units and black pyritic fine clastic sedimentary strata suggests deposition in a back-arc environment.

IX. Mineralization

Several distinctive styles of mineralization are present in and adjacent to the Besshi claims. These include precious metal-rich "mesothermal or orogenic shear zone" gold-silver mineralization and silver-base metal fissure veins at the Jupiter showings near Berry Creek. To the east, in Polaris Creek canyon, several types of mineralization outcrop. Two areas of "mesothermal or orogenic vein-

type" gold mineralization are present, weakly developed porphyry copper-molybdenum mineralization and stratiform massive and semi-massive pyrrhotite-pyrite. In the upper section of Polaris Creek, the Nannie showing is associated with cherty interflow sediments and shows similarities to VMS-style mineralization.

A. Jupiter Area

At the Jupiter workings, the adit on the west side of Berry Creek (Figure 3) follows the main, No. 2 "vein" structure over a strike length of more than 200 metres. The No. 2 "vein" (Lay, 1940; Roots, 1954) is a steeply west-dipping north-striking zone of siliceous and carbonate alteration of mafic volcanic and graphytic-pyritic sedimentary strata. Green mica (mariposite ?) alteration is reported (Roots, 1954) to be present in the adit and can also be seen in similar altered rocks on the tote road on the south side of Lay Creek. Possibly intrusive andesitic or dioitic porphyritic rock is exposed near the adit portal and was reported to be present in the adit workings (Roots, 1954). Widths on the No. 2 "vein" generally averaged 0.6 metres or less, however detailed sampling by CM&S personnel in the 1930's indicated better gold grades over a 30 metre strike length between 50 and 80 metres from the adit portal (Lay, 1940; BCEMPR property files). The plan (BCEMPR property files) shows individual samples within this zone ranging up to more than 100 g/t Au over widths of several centimetres. Calculations by Carter (1993) on 42 samples within one high-grade zone exposed where the drift traverses the No. 2 structure, indicated an average grade of 5.34 g/t Au and 42.46 g/t Ag across an average width of 1.3 metres along a strike length of 24.4 metres. Some 30 metres north of this high-grade section, a 12 metre crosscut driven east has exposed similar mineralised material from which 4 samples yielded a weighted average grade of 15.98 g/t Au and 79.2 g/t Ag over a width of 1.26 metres. North of this crosscut, where the main drift again traverses the No. 2 structure, samples across 0.3 to 1.2 metre widths yielded values in the 0.7 to 2.4 g/t Au range.

The second type of mineralization in the Jupiter area consists of silver-rich fissure-veins such as the Numbers 1 and 3 veins, which are northeast-striking, southeast-dipping quartz carbonate veins containing sphalerite, galena, tetrahedrite and chalcopyrite. Carter (1993) calculated the weighted average for 17 samples for the No. 1 vein over a width of 1.33 metres and a strike length of 20 metres to be 0.34 g/t Au and 834.2 g/t Ag. For the No. 3 vein, Carter (1993) calculated an average grade of 2283.8 g/t Ag and 0.31 g/t Au over and average width of 0.57 metres and a strike length of 10 metres.

A 45 metre adit driven northeast on a continuation of the No. 3 vein structure on the east side of Berry Creek (Figure 4) yielded only low values (Lay, 1940).

B. Polaris Creek Area

As stated above, there are several showings and different styles of mineralization exposed in Polaris Creek. Beginning at the uppermost end at the northern end of Polaris Creek canyon, approximately 200 metres north of the upper waterfall, porphyry-type copper-molybdenum mineralization is present in the northernmost granitic intrusive body. A grab sample collected by Potter (1976) returned 0.23% Cu, 0.004 % Mo, 5.8 g/t Ag and 0.1 g/t Au.

South of this, 150 metres above the waterfall, CM&S trenched a 20 cm. to 1 metre thick showing called the Nanny Zone which yielded and assay of 2.1 g/t Au, 20 g/t Ag and 3.56% Cu in a 60 cm. sample which contained pyrite, chalcopyrite and pyrrhotite. In 1993 (McMillan, 1993) several concordant horizons of semi-massive pyrrhotite-pyrite associated with magnetite, minor chalcopyrite and cherty sedimentary layers a few centimetres to a metre in thickness were identified, however the Nanny showing was not identified - probably because the old trenches have sloughed-in.

Downstream, immediately above the upper waterfall, a zone of quartz-carbonate veining called the "Discovery" zone was trenched by CM&S in 1932. This work exposed a network of 2 to 20 cm. wide quartz-carbonate veins with fine pyrite, pyrrhotite, chalcopyrite, galena, sphalerite and minor free gold cutting dark, calcareous argillite. Samples taken by CM&S assayed as much as 1014.8 g/t Au and 148 g/t Ag over narrow widths, however most samples assayed considerably less than 1 oz/ton Au - the entire zone which was estimated to cover an area approximately 6 by 35 metres was estimated to average approximately 3 g/t Au.

Approximately 475 metres below the "Discovery" area CM&S drove the 50 metre long Polaris adit into the east bank of Polaris Creek canyon in an attempt to intersect an inaccessible vein 15 to 40 cm. in thickness which shed talus fragments assaying between 6.85 g/t and 415 g/t Au.

Immediately above the 3-level waterfall, 550 metres below the Polaris adit, a 6 to 10 metre thick layer of massive pyrite-pyrrhotite is exposed on the west bank of the canyon. The massive sulphides form a north-striking, 45 degree east-dipping slab which outcrops along a 40 metre strike-length and for 30 metres down-dip. Minor magnetite and trace chalcopyrite are associated with the iron sulphides. In 1991, a grab sample taken by W. Halleran returned anomalous copper and molybdenum values of 834 and 12 ppm respectively.

Quartz-carbonate stringers containing pyrite and pyrrhotite and hosted in the sedimentary sequence in the lower reaches of Polaris Creek and along Lay Creek were found by CM&S and McMillan (1993b) to contain only low gold and silver values.

X. Geochemistry

Soil sample results from previous large-scale programs (Potter, 1976 - 876 samples; Fox, 1981 - 400 samples and Fox, 1983 - 65 samples) were compiled by McMillan (1993b – Figure 4). Featured prominently is a northwest-trending, 1.5 long linear zone with anomalous copper (+ 120 ppm), zinc (+ 300 ppm) and molybdenum (+ 20 ppm) on the west side of Polaris Creek semi-concordant to the trend of the massive pyrrhotite-pyrite body exposed in Polaris Creek Canyon. These results are summarised on Figure 4 of this report.

On the east side of Polaris Creek, the work by Fox (1981 and 1983) has defined two subparallel northwest-trending Cu-Ag zones 700 metres in length Figure 4. The southeast anomaly extends southeast from the massive pyrite-pyrrhotite body in Polaris Creek canyon. The stronger and better-defined northwest anomaly is along the strike projection of the Nanny and Discovery showings. Copper values are as high as 600 ppm and silver 2.0 ppm. Anomalous gold-in-soil anomalies are associated with the southeast anomaly with values as high as 165 ppb Au (Fox, 1983).

Figure 3: Property Geology

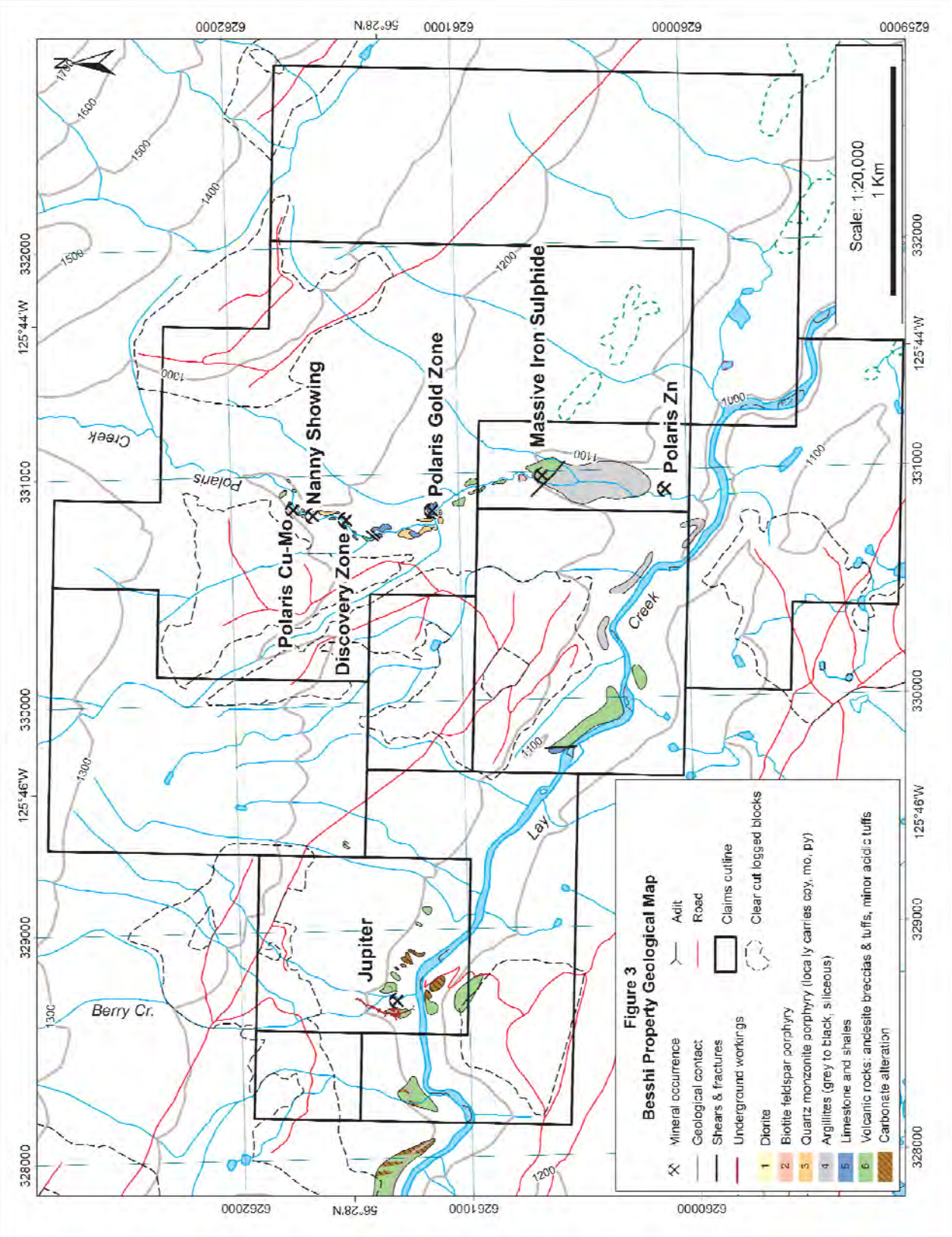


Figure 4: Soils Geochemistry Map

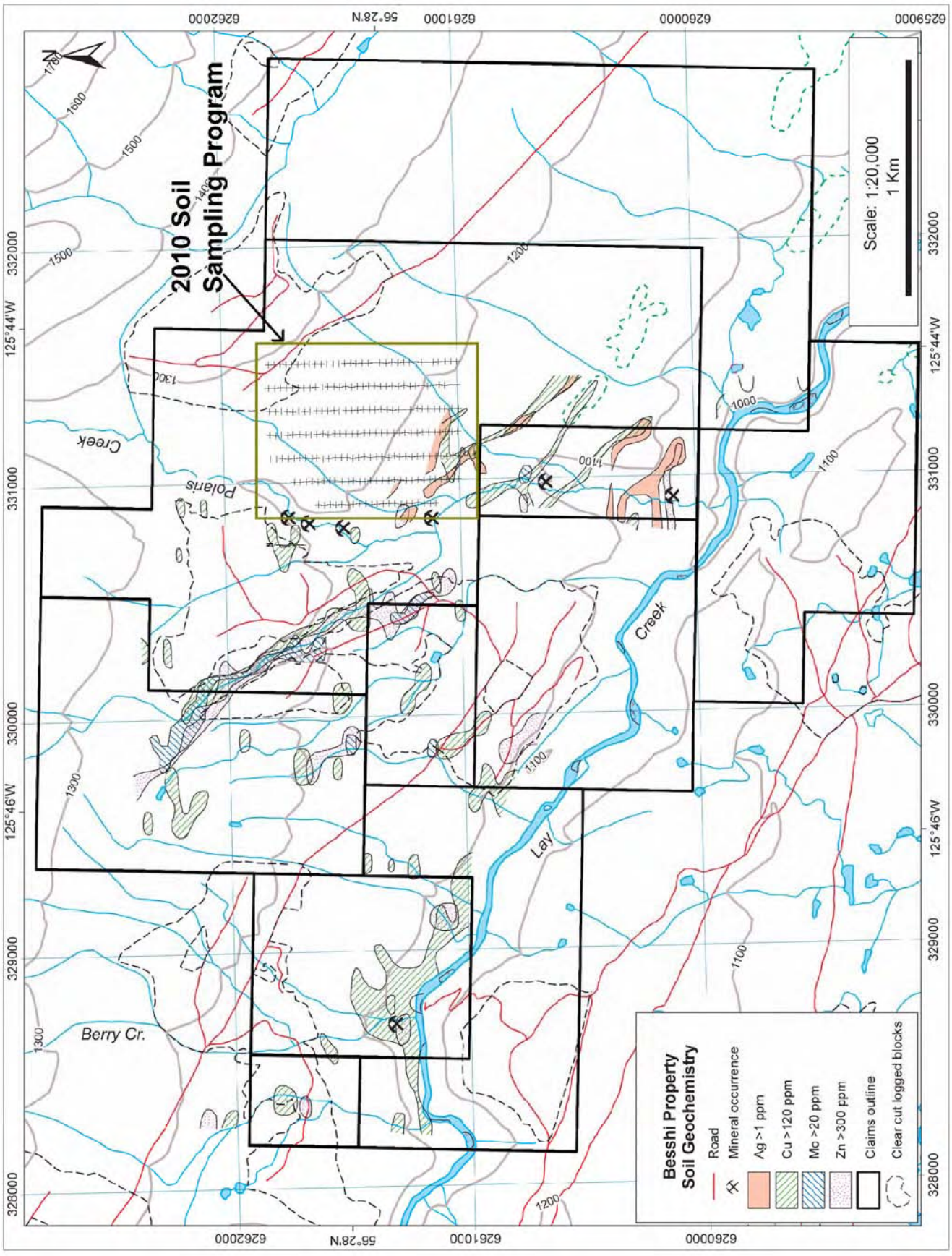
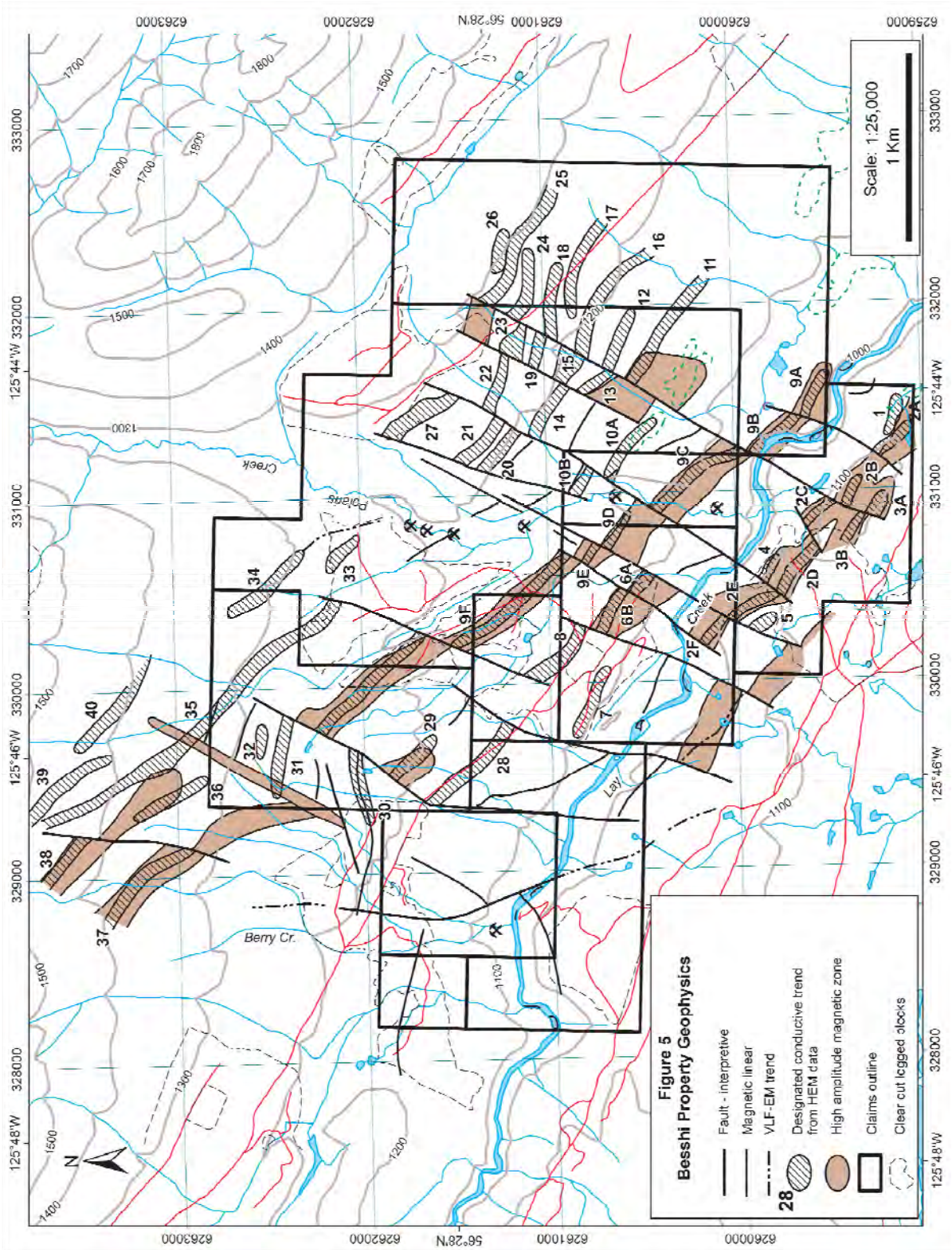


Figure 5: Property Geophysics



XI. Geophysics

In previous programs (Stelling, 1977; Fox, 1981) ground VLF-EM and magnetometer surveys were completed over the grids, and linear northwest-trending magnetic highs (+ 200 nanoTeslas) with coincident VLF-EM anomalies (Fraser filtered values of more than +18) were identified on the west side of Polaris Creek. The geophysical anomalies coincide with the strong 1.5 kilometre long Cu-Zn-Mo soil geochemical anomaly discussed above (Figure 5).

In February (1993) Dentonia Mines Ltd. commissioned Geonex Aerodat Limited of Mississauga Ontario to undertake a helicopter-borne magnetic-electromagnetic-VLF-EM survey over the property (Woolham, 1993 and McMillan, 1993a). The survey utilised a GPS navigational system to locate the anomalies precisely. The survey detected co-incident electromagnetic-magnetic and VLF-EM anomalies along strike from the massive sulphides exposed in Polaris creek canyon. The electromagnetic results also confirmed that the VLF-EM anomalies detected in the ground surveys are bedrock-related (Figure 5).

II. 2009 Program

The object of the October 2009 work on the property was to sample the Discovery Zone. The author, Mr. Jo Shearer and Mr. John Grabavac visited the property on October 18 in an attempt to sample the Discovery zone with a diamond rock saw. Unfortunately weather conditions were inclement and approximately 20 cm. of snow covered the ground. Conditions on Polaris Creek were dangerous - warming conditions had raised the creek level and this, together with the presence of approximately 8 cm. of ice made it too dangerous to sample the Discovery Zone which occurs at waters-edge above a 2.5 metre waterfall. This assessment report presents new compilation maps plotted on datum NAD83 which were prepared to facilitate this and future programs on the property. In addition, the assay results from two till samples believed to be derived from local material.

Lithogeochemical Samples

Sample	Location UTM NAD83	Name	Description	Cu ppm	Pb ppm	Zn ppm	Ba ppm	Mn ppm
#1	330608E 6261681N	Highly oxidized biotite quartz diorite	Dark brown, highly oxidized, medium crystalline, biotite books up to 6mm across,	268	137	92	41	425
#2	330608E 6261681N	Fine grained sheared chemical? sediment	Orange weathering, highly oxidized, weathered, limonite boxworks	65	<2	143	1616	2994

The two till samples were dried and submitted to Inspectorate Laboratories of 11620 Horseshoe Way, Richmond, B.C. (V7A 4V5). And analyzed for gold by fire assay (FA)/atomic absorbtion spectroscopy (AAS), and for silver, base metal and other metals by multi acid dissolution (MuA)/ inductively coupled plasma (ICP) technology with analyses by Mass spectroscopy (MS). The sample descriptions and anomalous metal values are tabulated in the table above .

The two samples were collected from the logging road west of Polaris Creek. Sample #1, a highly altered intrusive rock is moderately anomalous in copper and lead. Sample #2 on the other hand is strongly anomalous in barium and manganese and could be a highly weathered exhalite.

III. 2010 Program

Atocha Resources Inc. undertook and soil sampling program which was designed by Dr. R.H. McMillan. The initial program is intended to complete soil geochemical coverage in the area of the high grade gold showings where no previous soil sampling has been undertaken. The program consisted of colleting 204 soil samples at 25 meter stations 100 meter line spacing with line length of 800 meters. See figure 4 for location of grid within claims. Figures 6 to Figure 11 show the locations of the soil sample and proportional dots of selected elements from the soil survey. Appendix 1 contains all the GPS locations and assays results

Soil sample locations were recorded by GPS, and given a UTM grid designation using the NAD 83 datum. Soil sample station were placed every 25 metres with line spacing's of 100 metres.. A soil sample from a deep B-horizon was sampled then placed in marked paper sample bags, placed in poly-ore bags, sealed, and hand-delivered to Acme Analytical Laboratories of Vancouver , British Columbia for Group 1DX1-31 element ICP analysis. Results of the 2010 soil geochemical survey are presented in Appendix 1.

Figure 6: 2010 Sample Location and Numbers

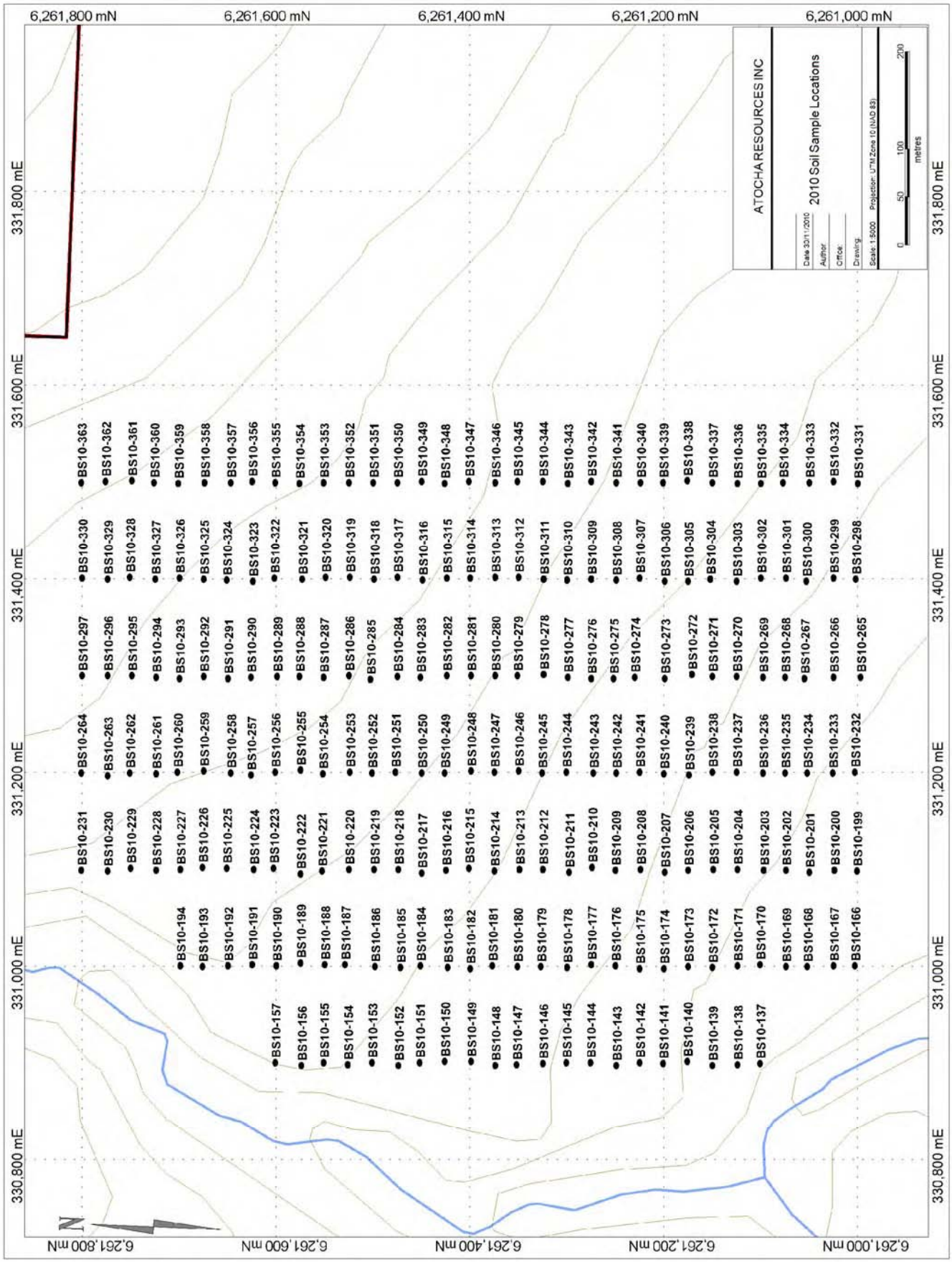


Figure 7: Copper in Soils

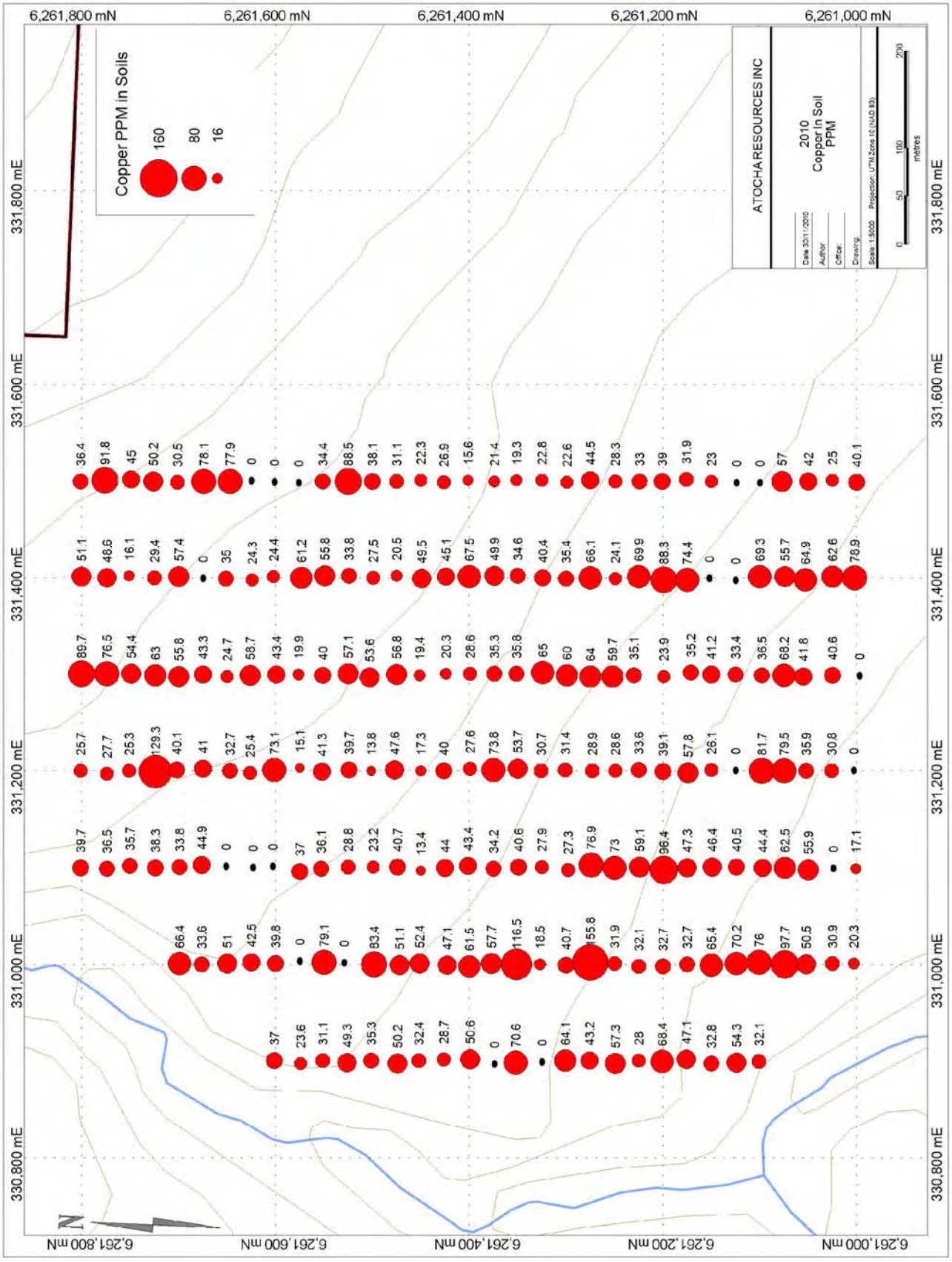


Figure 8: Gold In Soils

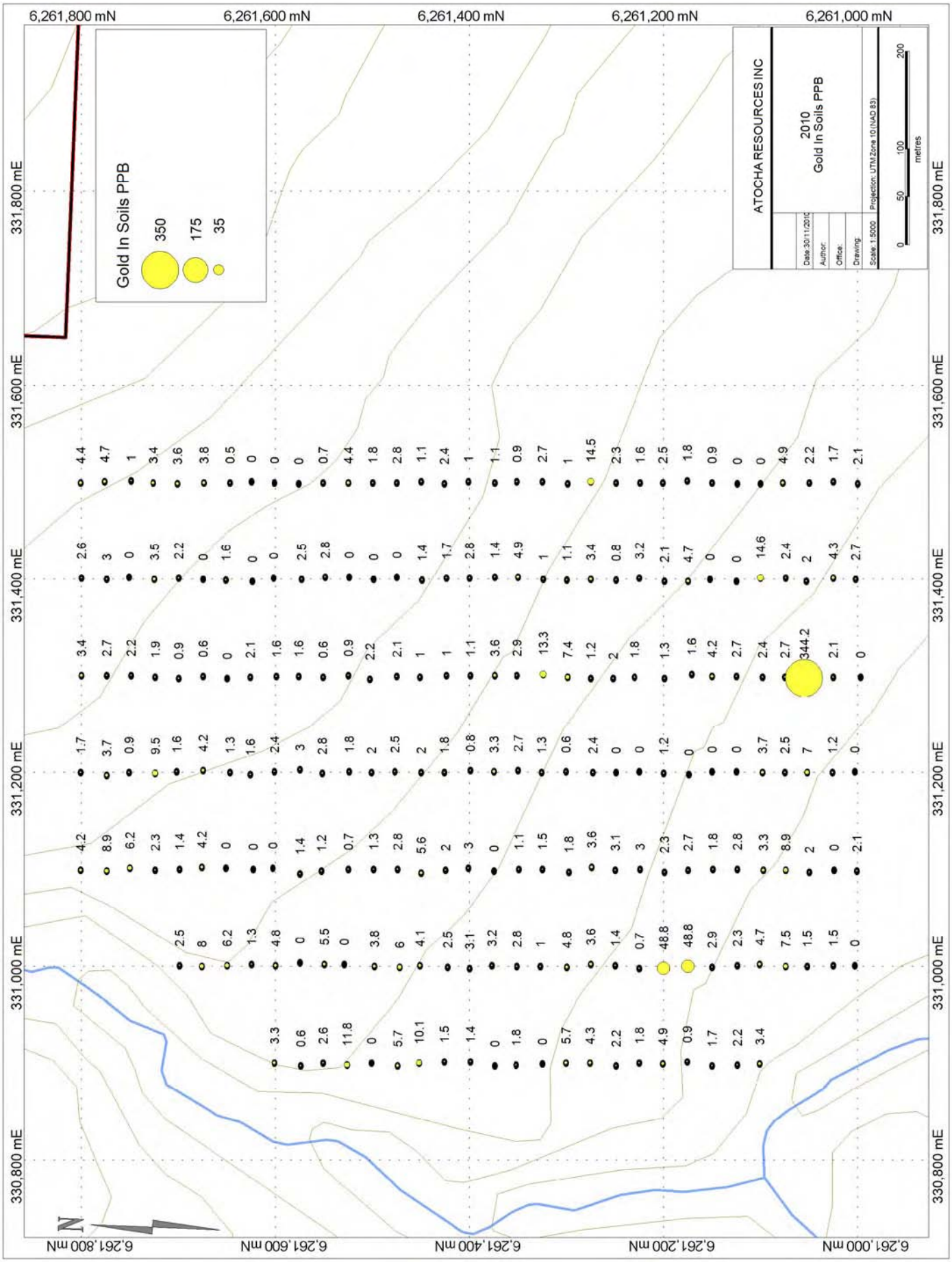


Figure 9: Zinc in Soils

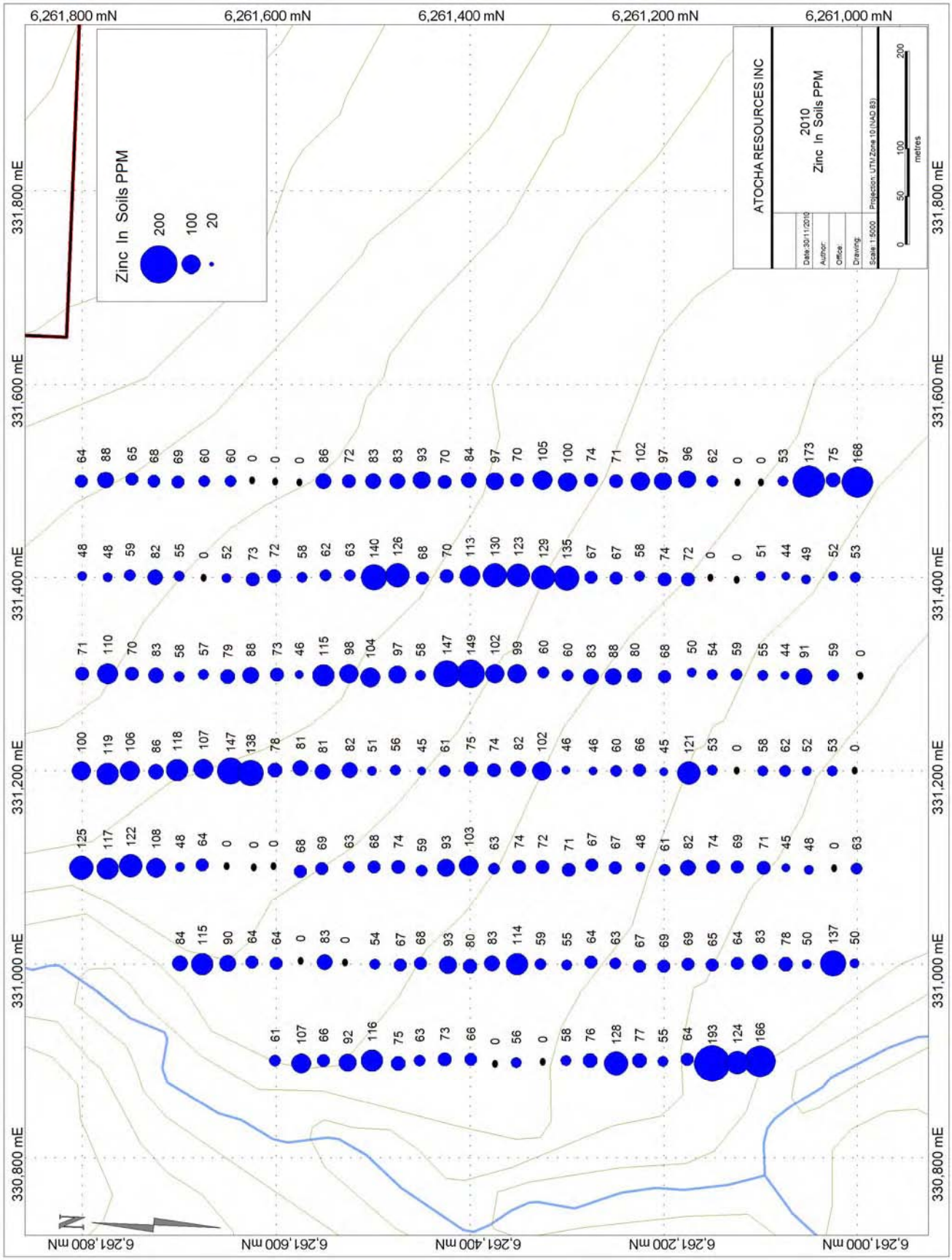


Figure 10: Molybdenum in Soils

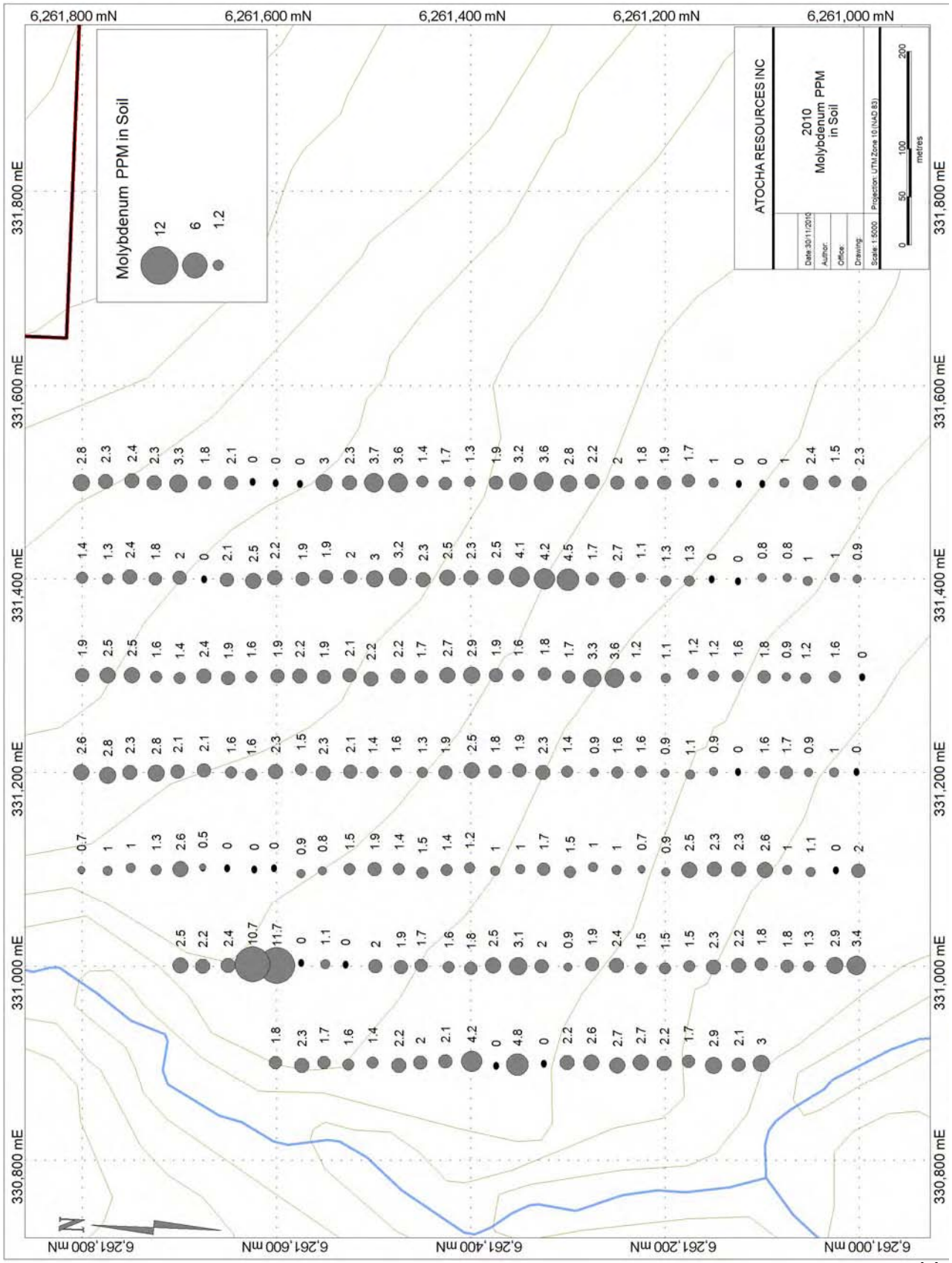
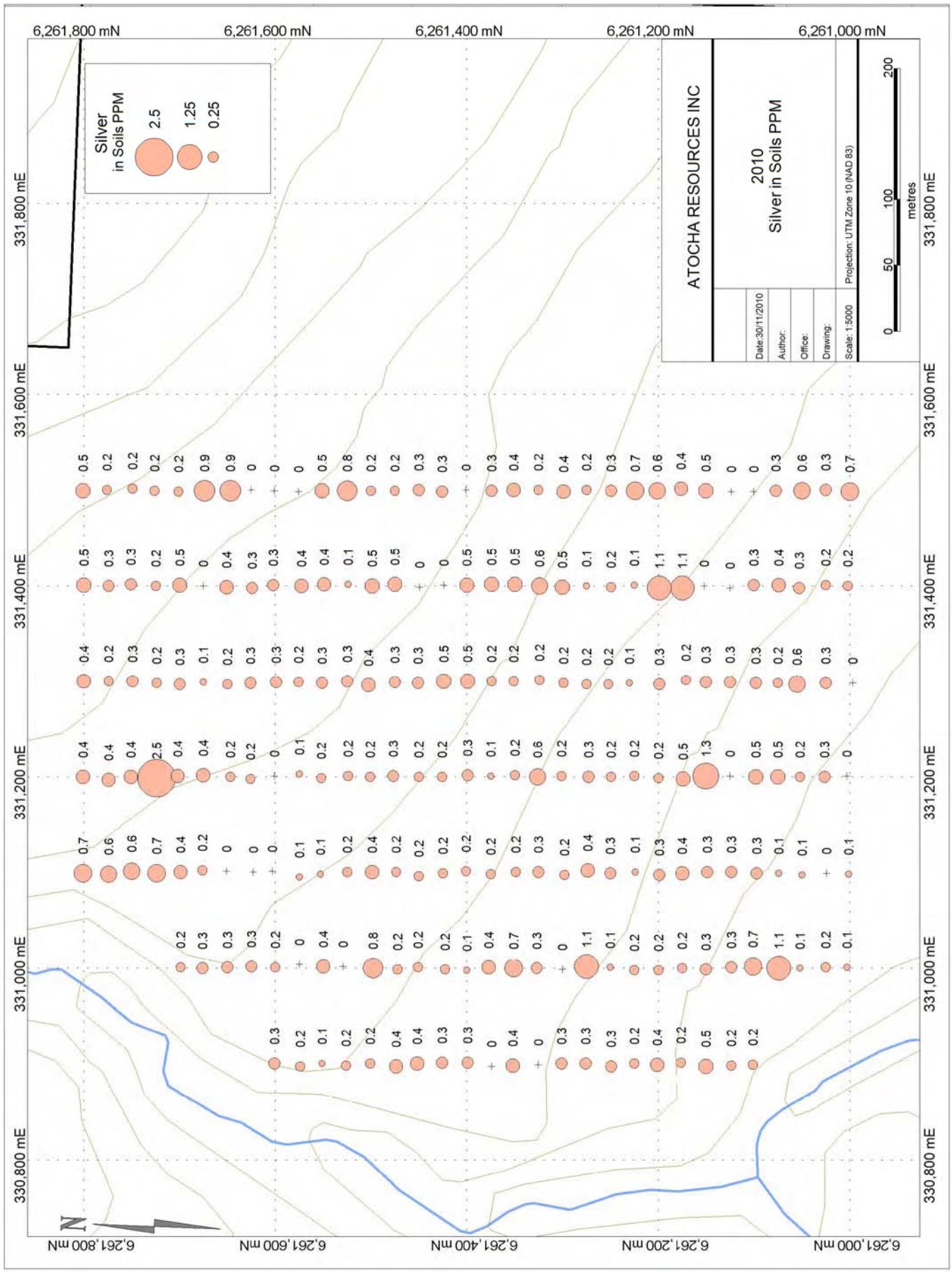


Figure 11: Silver in Soils



XII. Discussion, Conclusions and Recommendations

The limited geochemical sampling program described in this report was undertaken to follow-up earlier work described by McMillan (2000) to investigate areas of bedrock and float exposed by the recent logging operations and to obtain representative channel samples of the Discovery Gold Showing.

A major deficiency of the earlier geochemical sampling by Susie Gold Mines (Potter, 1976) is the lack of gold and silver analyses. Only the later work by Golden Rule Resources (Fox, 1981, 1983a and 1983b) included analyses for Au and Ag. Although a substantial drill program is clearly warranted for the property, drilling should be preceded by property wide geochemical /biogeochemical sampling and prospecting.

Accompanying the sampling program, a detailed mapping and prospecting program should be undertaken to investigate the new logging roads and the showings exposed in Polaris Creek.

Alternately and/or contemporarily, a major drill program (approximately 2000 metres in 15 holes) is recommended. The drill program should be preceded by a limited program of induced polarization and magnetic surveying over proposed drill locations could also be warranted.

The biogeochemical sampling should include:

- Ah organic material at the base of the A soil horizon.
- Twigs Samples from all media at all sample sites, but initially we will analyze all of the B horizon samples. Samples from the C and A horizons will be analyzed the results compared to the B horizon results. If the results provide more useful information the remaining samples will be analyzed as well.

XIII. References

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XIV. CERTIFICATE

I Derrick Strickland, of 1107-1251 Cardero Street, in the City of Vancouver in the Province of British Columbia do hereby certify that:

1. I am a Consulting Geologist working in Vancouver, British Columbia. Who was a contract supervisor for Gold Reach Resources Ltd's for this particular program.

2. I hold a Bachelor of Science in Geology (1993)

3. I have been employed in the mineral exploration industry since 1987 and have practiced my profession since graduation.

4. The information for this report has been taken from government and old geological reports and work undertaken by Atocha Resources Ltd.

5. I am a member in good standing with Association of Professional Engineers, Geoscientist of British Columbia.

6. The assessment costs presented in are true and accurate to the best of my knowledge.

DATED at Vancouver, British Columbia, this 5th day of December 2010

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Derrick Strickland, P.Geo.

Appendix 1

Besshi Property 2010 Sample Locations and Results

SAMPLE	LINE	STATION	type	NAD83E	Nad83N	ALT	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au PPB	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm
BS10-137	330900	1100	Soil	330900	6261101	1165	3	32.1	5	166	0.2	34.1	15.5	392	4.5	41	0.2	3.4	0.6	16	0.7	1.1	0	121	0.3	0	3	55	0.91	109	0.078	0	2.44	0.006	0.04	0.1	0.02	3.2	0	0	8	0	0
BS10-138	330900	1125	Soil	330899	6261124	1169	2.1	54.3	5	124	0.2	46.7	19.4	545	4.4	29.3	0.3	2.2	0.9	28	0.6	0.8	0	112	0.5	0	4	73	1.39	124	0.116	0	2.75	0.011	0.05	0.1	0.02	4.5	0	0	8	0.7	0
BS10-139	330900	1150	Soil	330898	6261150	1169	2.9	32.8	6.1	193	0.5	32.8	14.3	927	4.8	49.2	0.2	1.7	0.6	19	1.1	1.9	0.1	137	0.3	0	3	53	0.86	379	0.086	0	2.08	0.007	0.04	0.2	0.03	3.2	0	0	9	0.5	0
BS10-140	330900	1175	Soil	330902	6261176	1172	1.7	47.1	3.2	64	0.2	33.9	16.3	991	3.3	22.3	0.4	0.9	0.4	42	0.5	0.6	0	88	1.2	0	3	52	1.23	118	0.104	0	2	0.015	0.04	0.2	0.06	4.2	0	0	6	1.6	0
BS10-141	330900	1200	Soil	330900	6261201	1178	2.2	68.4	3.6	55	0.4	35.2	16.5	1008	3.2	28.7	0.9	4.9	0.4	65	0.6	0.7	0	80	1.7	0.1	5	56	1.17	158	0.072	0	2.06	0.016	0.04	0	0.08	4.7	0	0	6	2.7	0
BS10-142	330900	1225	Soil	330901	6261225	1182	2.7	28	4.6	77	0.2	26.6	11.7	299	3.8	15.8	0.2	1.8	0.6	23	0.4	0.5	0	120	0.5	0	3	50	0.88	71	0.12	0	2.12	0.008	0.04	0.2	0.04	3	0	0	8	0	0
BS10-143	330900	1250	Soil	330898	6261249	1189	2.7	57.3	4.1	128	0.3	42	20.7	535	4	18.8	0.3	2.2	0.9	23	0.6	0.7	0	112	0.5	0	4	62	1.14	91	0.127	0	2.73	0.009	0.06	0.2	0.05	4.5	0	0	8	0.8	0
BS10-144	330900	1275	Soil	330901	6261276	1195	2.6	43.2	4.4	76	0.3	39.3	17.8	431	4.1	20.8	0.2	4.3	0.5	30	0.4	0.7	0	117	0.6	0	3	58	1.22	103	0.103	0	2.64	0.009	0.04	0.1	0.02	3.9	0	0	8	0.6	0
BS10-145	330900	1300	Soil	330901	6261301	1197	2.2	64.1	3.4	58	0.3	40.4	14.9	590	3.4	20.4	0.9	5.7	0.6	53	0.3	0.9	0.1	89	1.4	0	4	56	1.13	121	0.105	0	2.04	0.016	0.04	0.2	0.08	5	0	0	6	1.2	0
BS10-146	330900	1325	IS	330900	6261325	1200																																					
BS10-147	330900	1350	Soil	330899	6261352	1202	4.8	70.6	3.8	56	0.4	38.5	20.2	846	4.2	22.7	1.2	1.8	0.5	59	0.5	0.9	0.1	98	1.5	0	4	71	1.28	121	0.08	0	2.09	0.014	0.04	0	0.06	5.4	0	0	6	1.9	0
BS10-148	330900	1375	IS	330898	6261374	1204																																					
BS10-149	330900	1400	Soil	330902	6261399	1207	4.2	50.6	4.2	66	0.3	29.7	16.9	814	3.3	27.2	0.8	1.4	0.2	68	0.5	0.9	0	84	1.8	0.1	3	54	0.95	147	0.06	0	1.91	0.012	0.03	0.1	0.05	3.4	0	0.05	5	2.1	0
BS10-150	330900	1425	Soil	330902	6261426	1211	2.1	28.7	6.9	73	0.3	26.6	13.2	325	3.1	15	0.4	1.5	0.6	33	0.3	0.5	0	90	0.7	0	4	47	0.86	72	0.089	0	2.14	0.008	0.02	0.1	0.01	3.3	0	0	7	1.2	0
BS10-151	330900	1450	Soil	330901	6261452	1214	2	32.4	5.3	63	0.4	28.7	12	327	3.7	20.9	0.2	10.1	0.6	22	0.6	0.8	0.1	114	0.4	0	3	49	0.88	64	0.105	0	1.98	0.008	0.04	0.2	0.02	3	0	0	8	0.5	0.8
BS10-152	330900	1475	Soil	330898	6261474	1216	2.2	50.2	6.6	75	0.4	27.7	21.2	784	4	17.1	0.3	5.7	0.8	26	0.5	0.4	0.1	107	0.5	0	5	54	0.84	89	0.089	0	2.24	0.009	0.03	0.1	0.03	3.8	0	0	8	0	0
BS10-153	330900	1500	Soil	330901	6261501	1219	1.4	35.3	4.9	116	0.2	33	15.9	536	4.4	17.4	0.2	0	0.6	18	0.8	0.5	0.1	125	0.4	0.1	3	61	1.14	86	0.122	0	2.42	0.007	0.04	0.2	0	3.6	0	0	10	0	0.2
BS10-154	330900	1525	Soil	330899	6261526	1220	1.6	49.3	4.7	92	0.2	42.4	17.4	547	4	18.8	0.2	11.8	0.6	27	0.4	0.5	0	113	0.5	0	3	65	1.35	91	0.128	0	2.42	0.01	0.04	0.2	0	3.7	0	0	8	0.5	0.2
BS10-155	330900	1550	Soil	330901	6261551	1224	1.7	31.1	4.3	66	0.1	32.1	13.7	504	3.6	23.7	0.1	2.6	0.5	21	0.5	0.8	0.1	111	0.4	0	3	56	1.13	97	0.108	0	2.02	0.008	0.05	0.2	0	3.2	0	0	8	0.6	0
BS10-156	330900	1575	Soil	330898	6261574	1228	2.3	23.6	4.9	107	0.2	28.8	11.5	400	3.9	27.6	0.2	0.6	0.4	16	1.2	1	0	114	0.3	0	2	50	0.87	69	0.073	0	1.96	0.007	0.03	0.2	0.02	2.7	0	0	7	0.5	0.2
BS10-157	330900	1600	Soil	330901	6261601	1230	1.8	37	4.4	61	0.3	29.7	11	363	2.8	22.3	0.3	3.3	0.5	17	0.2	0.8	0	77	0.4	0	4	39	1.12	93	0.064	0	1.89	0.007	0.03	0.1	0.05	3.4	0	0	7	0	0
BS10-166	331000	1000	Soil	331001	6261003	1165	3.4	20.3	5	50	0.1	13.9	7.1	146	2.6	12.7	0.1	0	0.4	15	0.4	0.8	0.1	112	0.3	0	3	27	0.47	77	0.101	0	1.28	0.007	0.03	0.1	0.02	2	0	0	7	0	0.4
BS10-167	331000	1025	Soil	331001	6261025	1169	2.9	30.9	4.7	137	0.2	25.1	21.5	511	4.3	20.2	0.3	1.5	0.6	26	0.4	0.6	0.1	117	0.7	0	3	53	0.98	103	0.116	0	2.34	0.01	0.05	0.2	0.02	3	0	0	8	0.9	0
BS10-168	331000	1050	Soil	331000	6261052	1172	1.3	50.5	2.5	50	0.1	33.2	16.4	475	2.9	16.5	0.7	1.5	0.5	43	0.2	0.8	0	80	1.1	0	3	67	1.17	118	0.104	0	2.06	0.022	0.03	0.2	0.01	4.2	0	0	5	1	0
BS10-169	331000	1075	Soil	331000	6261074	1174	1.8	97.7	4.4	78	1.1	43.8	17	425	4	20.4	0.8	7.5	0.6	41	0.4	0.7	0.1	91	1.4	0	7	62	1.02	127	0.083	0	2.72	0.012	0.05	0.2	0.07	7	0	0.06	7	1.7	0
BS10-170	331000	1100	Soil	331002	6261101	1177	1.8	76	4.2	83	0.7	41.5	17.8	419	4.2	20.8	0.6	4.7	0.6	40	0.3	0.6	0.1	110	1.1	0	5	66	1.08	114	0.128	0	2.86	0.02	0.05	0.2	0.05	7	0	0	7	0.8	0
BS10-171	331000	1125	Soil	331001	6261124	1180	2.2	70.2	4.5	64	0.3	38.4	16.8	393	4.4	28.2	0.3	2.3	0.6	33	0.5	0.8	0	139	0.7	0	3	63	1.14	79	0.139	0	2.66	0.015	0.04	0.2	0.02	5.6	0	0	8	0	0
BS10-172	331000	1150	Soil	330999	6261150	1183	2.3	65.4	4.7	65	0.3	39.3	16.9	388	4.4	27.7	0.2	2.9	0.6	33	0.5	0.8	0.1	138	0.6	0	3	62	1.17	81	0.138	0	2.7	0.015	0.04	0.1	0.02	5.3	0	0	8	0.6	0
BS10-173	331000	1175	Soil	331000	6261175	1186	1.5	32.7	3.8	69	0.2	27.1	12.9	390	3.2	12	0.4	48.8	0.4	44	0.5	0.4	0	99	1.1	0	3	53	1.11	88	0.128	0	2.21	0.017	0.03	0.2	0.02	4.5	0	0	7	0	0
BS10-174	331000	1200	Soil	330998	6261200	1188	1.5	32.7	3.8	69	0.2	27.1	12.9	390	3.2	12	0.4	48.8	0.4	44	0.5	0.4	0	99	1.1	0	3	53	1.11	88	0.128	0	2.21	0.017	0.03	0.2	0.02	4.5	0	0	7	0	0
BS10-175	331000	1225	REP	330998	6261225	1190	1.5	32.1	3.7	67	0.2	27.4	12.4	383	3.1	11.8	0.4	0.7	0.4	43	0.5	0.3	0	98	1.1	0	3	53	1.09	89	0.125	0	2.21	0.018	0.03	0.1	0.02	4.3	0	0	7	0.7	0
BS10-176	331000	1250	Soil	331001	6261250	1193	2.4	31.9	3	63	0.1	30.1	16.8	549	3.9	25.1	0.3	1.4	0.3	34	0.3	0.5	0.1	113	1	0	3	61	1.18	92	0.121	0	2.35	0.016	0.04	0.1	0.02	4.5	0	0	8	1	0
BS10-177	331000	1275	Soil	331002	6261275	1196	1.9	156	4.2	64	1.1	48.1	20.9	1050	4	28.6	1.1	3.6	0.3	55	0.7	0.7	0.1	106	1.7	0.1	10	79	1.24	149	0.086	0	2.88	0.018	0.06	0.1	0.13	8.7	0	0	7	1.7	0
BS10-178	331000	1300	Soil	330999	6261300	1197	0.9	40.7	2.9	55	0	34.8	15.8	526	3.4	13.7	0.3	4.8	0.6	36	0.2	0.3	0	102	0.9	0	3	61	1.35	90	0.188	0	2.49	0.023	0.04	0.1	0.02	5.3	0	0	7	0	0
BS10-179	331000	1325	Soil	331000	6261327	1201	2	18.5	3.8	59	0.3	18.3	8.5	257	2.7	16	0.2	1	0.4	23	0.4	0.5	0	106	0.5	0	3	36	0.72	76	0.109	0	1.7	0.009	0.03	0.1	0.02	3.2	0	0	7	0	0
BS10-180	331000	1350	Soil	331000	6261351	1207	3.1	117	6.9	114	0.7	66	40.9	2146	7	43.5	0.7	2.8	0.6	40	0.9	0.8	0.2	167	1	0.1	8	120	1.43	175	0.101	0	5.08	0.017	0.06	0.2	0.06	9.2	0.1	0	12	1.1	0
BS10-181	331000	1375	Soil	331001	6261377	1212	2.5	57.7	7.2	83	0.4	40.4	44.7	1426	4.8	26.5	0.4	3.2	0.4	40	0.6	0.6	0.1	138	0.9	0	6	69	1.2	123	0.108	0	2.95	0.015	0.04	0.2	0.05	5.4	0	0	9	0.8	0
BS10-182	331000	1400	Soil	330998	6261400	1214	1.8	61.5	4	80	0.1	43.2	17.6	435	4.4	25.8	0.3	3.1	0.7	27	0.4	0.9	0.1	116	0.6	0	3	67	1.27	93	0.142	0	2.85	0.015	0.04	0.2	0.02	5.1	0	0	8	0	0
BS10-183	331000	1425	Soil	330999	6261423	1216	1.6	47.1	4.4	93	0.2	36	15.8	411	4.1	19.4	0.3	2.5	0.6	29	0.6	0.6	0.1	123	0.6	0	4	61	1.2	89	0.146	0	2.67	0.017	0.03	0.2	0.02	4.7	0	0	9	0	0
BS10-184	331000	1450	Soil	331001	6261451	1220	1.7	52.4	4.1	68	0.2	34.3	16.3	372	3.8	23	0.3	4.1	0.7	29	0.4	0.8	0.1	112	0.6	0	4	58	1.06	72	0.146	0	2.36	0.015	0.04	0.2	0.02	4.8	0	0	7	0.6	0
BS10-185	331000	1475	Soil	330999	6261472	1223	1.9	51.1	4	67	0.2	33.5	16	359	3.9	23.9	0.3	6	0.7	28	0.4	0.7	0.1	113	0.6	0	4	57	1.04	74	0.147	0	2.37	0.014	0.04	0.2	0.02	4.6	0	0	7	0	0
BS10-186	331000	1500	Soil	331000	6261498	1226	2	83.4	4.3	54	0.8	32.3	13.5	820	2.5	26.5	1.9	3.8	0.2	104	0.7	1.2	0.1	67	2.3	0.1	7	67	0.96	188	0.056	0	2.05	0.02	0.04	0.1	0.13	4.2	0	0.13	6	5.2	0
BS10-187	331000	1525	IS	331002	6261529	1228																																					
BS10-188	331000	1550	Soil	331002	6261550	1233	1.1	79.1	5	83	0.4	36	14.2	547	2.9	20.8	1.5	5.5	0.4	98	0.5	1	0.1	71	2.1	0.1	6	90	1.17	256	0.069	0	2.41	0.022	0.04	0	0.15	7.2	0	0.18	6	6.6	0
BS10-189	331000	1575	IS	331004	6261575	1236																																					
BS10-190	331000	1600	Soil	331001	6261600	1237	11.7	39.8	4.5	64	0.2	27.7	14.6	613	6.9	303	1.1	4.8	0.3	70	0.3	3	0	119	1.6	0.1	5	77	0.92	184	0.061	0	1.78	0.017	0.04	0.2	0.07	4.7	0	0.05	5	5.9	0.4
BS10-191	331000	1625	Soil	331002	6261625	1236	10.7	42.5	4.5	64	0.3	33.1	16.7	728	5.9	112	0.6	1.3	0.5	50	0.8	2	0	89	1.2	0.1	4	53	1.19	203	0.059	0	2.02	0.015	0.04	0.1	0.06	5.4	0	0	6	2	0
BS10-192	331000	1650	Soil	331001	6261650	1238	2.4	51	4.7	90	0.3	37.3	15.1	447	3.9	42	0.3	6.2	0.5	30	0.9	1.6	0	111	0.6	0	4	58	1.1	149	0.091	0	2.32	0.017	0.03	0.1	0.04	4.9	0	0	7	0.6	0
BS10-193	331000	1675	Soil	331000	6261676	1240	2.2	33.6	4.4	115	0.3	38.2	16.7	469	4.6	30.1	0.2	8	0.5	22	1.4	1.1	0	122	0.4	0.1	3	64	1.18	86	0.117	0	2.62	0.01	0.04	0.2	0.03	3.9	0	0	8	0.6	0
BS10-194	331000	1700	Soil	331001	6261699	1233	2.5	66.4	4.8	84	0.2	53.1	20.4	483	4.1	44.6	0.3	2.5	0.8	24	0.4	2	0	101	0.4	0	3	67	1.31	139	0.109	0	2.67	0.015	0.04	0.2	0.04	4.8	0	0	6	1	0
BS10-199	331100	1000	Soil	331099	6261001	1174	2	17.1	9.9	63	0.1	17.7	9.3	239	3.9	8.9	0.2	2.1	0.5	25	0.4	0.5	0.1	143	0.5	0	3	48	0.65	87	0.214	0	1.75	0.011	0.03	0	0.02	2.5	0	0	9	0	0
BS10-200	331100	1025	is	331100	6261024	1176																																					
BS10-201	331100	1050	Soil	331098	6261050	1178	1.1	55.9	2.7	48	0.1	33	15.1	489	3.2	15.2	0.3	2	0.6	46	0.2	0.7	0	85	1.1	0	3	48	1.13	127	0.136	0	2.01	0.022	0.03	0.1	0.03	5.2	0	0	5	1	0
BS10-202	331100	1075	Soil	331100	6261074	1183	1	62.5	2.6	45	0.1	34.4	15.1	483	3.2	15.4	0.3	8.9	0.6	41	0.2	0.7	0	85	1	0	4	50	1.11	111	0.135	0	1.94	0.025	0.04	0.1	0.02	5.9	0	0	5	0.6	0
BS10-203	331100	1100	Soil	331100	6261097	1185	2.6	44.4	4.7	71	0.3	31	18.6	829	4.2	26.3	0.6	3.3	0.7	46	0.4	0.6	0.1	101	1.2	0	4	75	1.16	112	0.127	0	2.21	0.024	0.05	0.2	0.03	6	0	0	6	1.2	0
BS10-204	331100	1125	Soil	331101	6261124	1190	2.3	40.5	4.6	69	0.3	32	18.6	742	4.1	24.1	0.5	2.8	0.7	42	0.3	0.5	0.1	103	1.1	0	4	73	1.2	110	0.135	0	2.27	0.027	0.05	0.2	0.03	6	0	0	7	1.1	0
BS10-205	331100	1150	Soil	331101	6261149	1190	2.3	46.4	4.5	74	0.3	30.1	18.5	766	4.1	22.7	0.5	1.8	0.6	43	0.4	0.5	0.1	100	1.1	0	4	72	1.14	107	0.125	0	2.18	0.024	0.05	0.1	0.04	5.5	0	0	6	1	0
BS10-206	331100	1175	Soil	331100	6261175	1193	2.5	47.3	4	82	0.4	30.6	19.2	840	4.3	25.6	0.6	2.7	0.6	44	0.5	0.5	0.1	104	1.1	0	4	75	1.14	115	0.117	0	2.3	0.021	0.05	0.2	0.04	5.5	0	0	6	1.3	0
BS10-207	331100	1200	Soil	331098	6261199	1193	0.9	96.4	3.6	61	0.3	48.1	21.7	711	4.6	20	0.5	2.3	0.6	35	0.4	0.5	0	117	1.1	0	5	87	1.51	127	0.134	0	3.23	0.019	0.05	0.1	0.05	9.3	0	0	8	0.8	0

Besshi Property 2010 Sample Locations and Results

SAMPLE	LINE	STATION	type	NAD83E	Nad83N	ALT	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au PPB	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm
BS10-208	331100	1225	Soil	331101	6261224	1198	0.7	59.1	3.3	48	0.1	34.4	16.2	543	3.3	14.5	0.4	3	0.6	31	0.2	0.4	0	94	0.9	0	4	66	1.27	81	0.156	0	2.23	0.018	0.03	0.1	0.03	6.7	0	0	6	0	0
BS10-209	331100	1250	Soil	331100	6261250	1203	1	73	3.3	67	0.3	49.2	19.1	628	3.8	20	0.3	3.1	0.5	28	0.2	0.6	0	99	0.7	0	5	82	1.44	100	0.121	0	2.95	0.016	0.04	0.1	0.04	6.3	0	0	7	0	0
BS10-210	331100	1275	Soil	331103	6261274	1207	1	76.9	8.3	67	0.4	47.1	18.8	639	3.8	20.3	0.4	3.6	0.5	29	0.2	0.6	0	99	0.7	0	5	79	1.4	106	0.116	0	2.96	0.016	0.04	0.1	0.04	6.5	0	0	7	0	0
BS10-211	331100	1300	Soil	331098	6261298	1212	1.5	27.3	4.3	71	0.2	25.7	12.7	305	3.7	15.2	0.2	1.8	0.4	22	1.3	0.5	0.1	121	0.5	0	3	51	0.9	68	0.133	0	2.04	0.01	0.04	0.2	0.01	3.3	0	0	8	0	0
BS10-212	331100	1325	Soil	331101	6261325	1217	1.7	27.9	4.3	72	0.3	26.4	13.3	329	3.9	16.5	0.2	1.5	0.4	23	1.3	0.5	0.1	125	0.5	0.1	2	53	0.92	67	0.134	0	2.15	0.011	0.04	0.2	0.02	3.4	0	0	8	0.6	0
BS10-213	331100	1350	Soil	331101	6261349	1222	1	40.6	3.7	74	0.2	35.6	14.9	439	3.7	15.7	0.2	1.1	0.4	24	0.4	0.4	0.1	110	0.5	0	3	63	1.24	74	0.141	0	2.57	0.013	0.04	0.1	0.01	4.3	0	0	7	0	0
BS10-214	331100	1375	Soil	331099	6261375	1224	1	34.2	3.5	63	0.2	30.5	12	369	3.2	13.1	0.2	0	0.4	29	0.4	0.4	0	98	0.5	0	3	53	1.07	60	0.145	0	2.24	0.011	0.03	0	0.01	3.6	0	0	6	0	0
BS10-215	331100	1400	Soil	331102	6261401	1228	1.2	43.4	4.2	103	0.2	32.5	17	373	3.5	15.9	0.3	3	1	26	0.5	0.5	0.1	94	0.5	0	4	61	1.02	65	0.156	0	2.66	0.014	0.04	0.1	0.03	4.5	0	0	7	0	0
BS10-216	331100	1425	Soil	331100	6261425	1231	1.4	44	3.9	93	0.2	38.8	17.9	376	3.8	18.3	0.3	2	1	24	0.3	0.6	0.1	94	0.4	0	4	61	1.09	81	0.144	0	2.73	0.011	0.04	0.2	0.03	4.3	0	0	7	0.5	0
BS10-217	331100	1450	Soil	331097	6261450	1231	1.5	13.4	6.1	59	0.2	13.4	6.6	216	3.6	11.9	0.2	5.6	0.4	25	0.8	0.5	0.2	134	0.4	0.1	3	39	0.54	67	0.183	0	1.48	0.01	0.03	0.2	0.02	2.4	0	0	9	0.5	0
BS10-218	331100	1475	Soil	331101	6261474	1233	1.4	40.7	3.9	74	0.2	30.2	14.3	324	3.6	17.6	0.2	2.8	0.6	27	0.9	0.7	0.1	97	0.4	0.1	2	55	0.88	48	0.133	0	2.58	0.011	0.03	0.1	0.02	3.6	0	0	6	0.5	0
BS10-219	331100	1500	Soil	331101	6261499	1235	1.9	23.2	4.6	68	0.4	24.6	10.8	317	4	16.5	0.2	1.3	0.5	23	0.6	0.6	0.1	121	0.4	0.1	2	50	0.9	52	0.154	0	2.13	0.01	0.04	0.2	0.03	3.2	0	0	8	0.5	0
BS10-220	331100	1525	Soil	331101	6261525	1239	1.5	28.8	4.5	63	0.2	24.2	9.9	281	3.6	13	0.2	0.7	0.4	28	0.6	0.5	0	126	0.4	0	2	50	0.85	68	0.165	0	2.06	0.012	0.03	0.2	0.02	3.5	0	0	8	0	0
BS10-221	331100	1550	Soil	331099	6261553	1242	0.8	36.1	3.7	69	0.1	32.7	12.9	428	3.5	14.3	0.2	1.2	0.3	30	0.3	0.4	0	109	0.6	0	3	58	1.17	75	0.165	0	2.44	0.013	0.03	0	0	4	0	0	7	0	0
BS10-222	331100	1575	Soil	331096	6261575	1242	0.9	37	3.8	68	0.1	33.3	13.5	423	3.5	14.4	0.2	1.4	0.4	30	0.3	0.3	0	109	0.6	0	3	59	1.23	73	0.164	0	2.53	0.014	0.03	0.1	0	4.1	0	0	7	0	0
BS10-223	331100	1600	is	331102	6261603	1243																																					
BS10-224	331100	1625	is	331101	6261623	1244																																					
BS10-225	331100	1650	is	331102	6261651	1246																																					
BS10-226	331100	1675	Soil	331103	6261676	1247	0.5	44.9	4.7	64	0.2	30.5	11.4	322	2.4	15	1.5	4.2	0.5	67	0.2	0.6	0	56	1.4	0.1	5	76	1.04	169	0.086	0	1.97	0.019	0.03	0	0.1	6.1	0	0.08	5	4.5	0
BS10-227	331100	1700	Soil	331101	6261699	1249	2.6	33.8	4.2	48	0.4	27.4	13.5	670	2.6	13.9	0.6	1.4	0.3	69	0.4	1	0.1	63	1.6	0	4	43	0.92	153	0.102	0	1.66	0.017	0.04	0	0.05	3.4	0	0.06	5	1.4	0
BS10-228	331100	1725	Soil	331100	6261724	1251	1.3	38.3	6.5	108	0.7	25.8	12.2	701	2.8	20.2	1.6	2.3	0.7	66	0.4	1.1	0.2	65	1.5	0.1	10	91	1.06	196	0.067	0	2.13	0.022	0.05	0	0.14	4.3	0	0.08	6	2.1	0
BS10-229	331100	1750	Soil	331102	6261750	1254	1	35.7	6.6	122	0.6	27.9	12.4	530	2.9	16.5	1.3	6.2	0.9	60	0.3	0.9	0.2	69	1.3	0.1	10	95	1.14	187	0.079	0	2.28	0.023	0.05	0.1	0.12	5.1	0	0.06	6	1.4	0
BS10-230	331100	1775	Soil	331099	6261774	1253	1	36.5	6.3	117	0.6	29.1	12.7	493	2.8	13.2	1.3	8.9	0.8	60	0.3	0.8	0.2	67	1.3	0.1	9	90	1.17	179	0.083	0	2.26	0.022	0.05	0.1	0.11	5.4	0	0	6	1.4	0
BS10-231	331100	1800	Soil	331100	6261801	1249	0.7	39.7	7.5	125	0.7	29.2	13	458	2.7	11.9	1.2	4.2	0.8	56	0.3	0.9	0.1	67	1.2	0.1	9	94	1.15	185	0.084	0	2.2	0.022	0.04	0	0.11	5.5	0	0.05	6	1.7	0
BS10-232	331200	1000	is	331201	6261003	1175																																					
BS10-233	331200	1025	Soil	331200	6261026	1179	1	30.8	4.1	53	0.3	28.3	12.9	345	3.1	11.1	0.3	1.2	0.8	42	0.4	0.4	0	82	0.9	0	5	45	0.98	132	0.172	0	2.21	0.018	0.03	0.2	0.02	4.6	0	0	6	0.8	0
BS10-234	331200	1050	Soil	331200	6261052	1185	0.9	35.9	4	52	0.2	28.7	14.2	395	3.1	10.5	0.3	7	0.7	43	0.6	0.4	0	80	1	0	5	45	0.94	138	0.166	0	2.17	0.017	0.03	0.1	0.03	4.4	0	0	5	0.9	0
BS10-235	331200	1075	Soil	331200	6261075	1186	1.7	79.5	4.2	62	0.5	31.5	16.1	517	3.9	33.9	0.8	2.5	0.4	57	0.4	1.2	0.1	88	1.3	0	6	48	1.03	83	0.095	0	2.17	0.02	0.04	0.1	0.07	6.1	0	0	6	1.5	0
BS10-236	331200	1100	Soil	331200	6261098	1186	1.6	81.7	7.4	58	0.5	32.6	14.6	495	3.7	32.1	0.9	3.7	0.3	60	0.5	1.2	0.1	91	1.4	0	6	50	1	83	0.094	0	2.24	0.022	0.03	0.1	0.08	6.1	0	0.05	6	1.7	0
BS10-237	331200	1125	is	331201	6261125	1189																																					
BS10-238	331200	1150	Soil	331201	6261150	1195	0.9	26.1	7.4	53	1.3	19.5	11	235	3	13.1	0.2	0	0.5	54	0.9	0.4	0.1	97	1.2	0	3	33	0.68	76	0.123	0	1.8	0.013	0.07	0.1	0.01	2.9	0	0	6	0.6	0
BS10-239	331200	1175	Soil	331198	6261174	1201	1.1	57.8	9.2	121	0.5	50.4	32.3	2688	5.2	14.2	0.4	0	1.1	77	3	0.4	0.2	114	1.6	0	7	87	1.21	357	0.157	0	3.65	0.023	0.05	0	0.05	7.2	0	0	8	1.2	0
BS10-240	331200	1200	Soil	331199	6261200	1207	0.9	39.1	3.4	45	0.2	32.4	16	797	3.3	13	0.3	1.2	0.6	50	1.1	0.4	0	96	1.1	0	3	57	1.11	184	0.166	0	2.4	0.018	0.03	0.1	0.02	5.1	0	0	6	1.1	0.2
BS10-241	331200	1225	Soil	331201	6261225	1212	1.6	33.6	5.4	66	0.2	28.4	12.4	325	4.1	17.1	0.2	0	0.4	25	0.5	0.5	0	119	0.4	0	2	58	0.94	60	0.178	0	2.43	0.012	0.03	0.2	0.03	3.6	0	0	8	0.7	0
BS10-242	331200	1250	Soil	331200	6261249	1210	1.6	28.6	5.4	60	0.2	26.1	11.3	306	4	16.5	0.2	0	0.4	25	0.6	0.5	0.1	122	0.4	0	2	54	0.86	56	0.181	0	2.29	0.01	0.03	0.2	0.02	3.4	0	0	8	0.8	0.3
BS10-243	331200	1275	Soil	331200	6261273	1217	0.9	28.9	4.5	46	0.3	24.9	10.1	267	3.4	14.8	0.2	2.4	0.4	27	0.6	0.5	0.1	119	0.5	0	2	51	0.83	49	0.167	0	2.15	0.011	0.03	0.2	0.02	3.5	0	0	7	0	0
BS10-244	331200	1300	Soil	331201	6261301	1216	1.4	31.4	4.1	46	0.2	26.6	10.7	288	3.1	16.3	0.2	0.6	0.3	45	0.4	0.7	0	111	0.8	0	2	50	0.88	89	0.154	0	1.96	0.013	0.03	0.1	0.03	3.7	0	0	7	0	0
BS10-245	331200	1325	Soil	331200	6261326	1224	2.3	30.7	6.2	102	0.6	18.8	11	309	3.4	33.7	0.3	1.3	0.6	27	0.6	1.1	0.2	97	0.4	0	6	31	0.59	92	0.079	0	1.83	0.011	0.04	0.1	0.03	3.3	0	0	8	0.5	0
BS10-246	331200	1350	Soil	331202	6261350	1227	1.9	53.7	5	82	0.2	34.8	15.3	450	3.7	28.5	0.3	2.7	0.7	30	0.4	0.7	0.1	107	0.5	0	4	57	1.11	86	0.129	0	2.79	0.014	0.03	0.1	0.02	4.8	0	0	8	0	0
BS10-247	331200	1375	Soil	331201	6261375	1228	1.8	73.8	4.5	74	0.1	40.4	16.9	520	3.7	33.3	0.3	3.3	0.8	31	0.2	0.9	0.1	101	0.6	0	4	59	1.19	100	0.13	0	2.83	0.013	0.04	0	0.03	5.3	0.1	0	7	1.2	0
BS10-248	331200	1400	Soil	331202	6261399	1232	2.5	27.6	5.8	75	0.3	23.7	12.1	417	4.6	32.2	0.2	0.8	0.5	20	0.4	0.9	0.1	140	0.3	0.1	3	43	0.72	87	0.098	0	2.02	0.011	0.03	0.1	0.03	3.4	0	0	9	0.5	0
BS10-249	331200	1425	Soil	331200	6261426	1235	1.9	40	4.5	61	0.2	35.6	14.8	394	4.4	20.5	0.3	1.8	0.5	29	0.3	0.7	0.1	131	0.5	0	3	59	1.15	97	0.162	0	2.57	0.012	0.04	0.2	0.03	4.1	0	0	8	0.8	0
BS10-250	331200	1450	Soil	331200	6261450	1239	1.3	17.3	9.3	45	0.2	19.2	8.2	241	3.3	12.4	0.2	2	0.4	24	0.4	0.6	0.1	124	0.4	0.1	3	38	0.65	57	0.154	0	1.64	0.01	0.04	0.1	0.01	2.8	0	0	8	0	0
BS10-251	331200	1475	Soil	331201	6261477	1239	1.6	47.6	5.5	56	0.3	33.9	13.9	345	4.3	19.1	0.2	2.5	0.5	29	0.4	0.7	0.1	131	0.5	0	3	57	1.03	90	0.179	0	2.33	0.012	0.04	0.2	0.02	3.8	0	0	8	0.5	0.2
BS10-252	331200	1500	Soil	331200	6261501	1241	1.4	13.8	6	51	0.2	15.4	7.3	254	2.8	11.9	0.2	2	0.4	24	0.5	0.6	0.1	107	0.4	0	3	33	0.55	80	0.103	0	1.58	0.01	0.04	0.2	0.02	2.7	0	0	7	0	0
BS10-253	331200	1525	Soil	331201	6261524	1246	2.1	39.7	4.9	82	0.2	32.8	15.1	400	4.2	24.8	0.3	1.8	0.8	30	0.4	0.8	0.1	111	0.5	0	4	52	1.09	77	0.132	0	2.36	0.009	0.05	0.1	0.01	3.7	0	0	7	0	0
BS10-254	331200	1550	Soil	331199	6261552	1250	2.3	41.3	5.4	81	0.2	34.1	14.7	423	4.2	25	0.3	2.8	0.8	32	0.3	0.8	0.1	114	0.6	0	4	55	1.09	81	0.136	0	2.4	0.011	0.05	0.2	0.01	3.9	0	0	7	0	0
BS10-255	331200	1575	Soil	331203	6261575	1252	1.5	15.1	8	81	0.1	18.1	7.8	265	3.7	17.2	0.2	3	0.4	27	0.7	0.6	0.1	113	0.4	0	3	41	0.62	74	0.116	0	1.73	0.008	0.03	0.1	0.02	2.8	0	0	8	0	0
BS10-256	331200	1600	Soil	331201	6261601	1250	2.3	73.1	4.5	78	0	47.9	21.6	521	4.3	41.8	0.3	2.4	0.6	29	0.4	1.2	0	101	0.5	0	3	63	1.36	110	0.128	0	2.83	0.007	0.04	0	0.02	5	0	0	6	0.8	0
BS10-257	331200	1625	Soil	331198	6261626	1252	1.6	25.4	5.5	138	0.2	27.3	14.2	417	4.4	21	0.2	1.6	0.6	24	1	0.7	0.1	111	0.5	0.1	3	55	0.88	106	0.132	0	2.33	0.009	0.04	0.1	0.02	3.5	0	0	8	0	0.2
BS10-258	331200	1650	Soil	331200	6261647	1254	1.6	32.7	5.3	147	0.2	32.6	17.1	441	4.4	22.1	0.3	1.3	0.7	26	1	0.8	0.1	109	0.4	0.1	3	59	1.02	118	0.13	0	2.76	0.008	0.04	0.1	0.03	3.9	0	0	7	0	0
BS10-259	331200	1675	Soil	331202	6261675	1256	2.1	41	5.9	107	0.4	31.7	15.5	459	4.7	49.1	0.3	4.2	1	42	0.9	1.1	0.1	114	0.6	0	4	55	1.09	124	0.141	0	2.91	0.011	0.04	0.2	0.03	4.3	0	0	8	0	0
BS10-260	331200	1700	Soil	331201	6261702	1259	2.1	40.1	6	118	0.4	34.5	15.7	472	5	48.7	0.3	1.6	1	44	0.8	1.1	0.1	124	0.7	0	4	59	1.04	137	0.146	0	2.63	0.009	0.05	0.2	0.03	4.2	0	0	8	0	0
BS10-261	331200	1725	Soil	331199	6261724	1259	2.8	129	6.5	86	2.5	37.8	24.2	1025	3.7	28.3	1.6	9.5	0.3	82	1.4	1.6	0.1	83	1.8	0.1	19	60	0.8	227	0.061	0	3.11	0.012	0.04	0.2	0.23	7.1	0	0.08	6	3.7	0
BS10-262	331200	1750	Soil	331200	6261751	1263	2.3	25.3	6.5	106	0.4	27.3	18	575	4	44.8	0.3	0.9	0.7	29	0.9	0.8	0.1	107	0.5	0	4	67	0.9	125	0.11	0	2.19	0.01	0.04	0.1	0.01	3.8	0	0	7	0	0
BS10-263	331200	1775	Soil	331197	6261774	1264	2.8	27.7	6.2	119	0.4	28.7	21.9	615	4.2	52.3	0.3	3.7	0.7	32	0.9	0.8	0.2	107	0.5	0	5	73	1.02	133	0.112	0	2.39	0.009	0.04	0.1	0.02	4	0	0	8	0	0
BS10-264	331200	1800	Soil	331200	6261801	1260	2.6	25.7	6.7	100	0.4	26.2	18.5	588	4.1	45.2	0.3	1.7	0.7	32	0.8	0.8	0.1	109	0.5	0	4	71	0.93	121	0.112	0	2.22	0.01	0.03	0.1	0.02	3.9	0	0	8	0	0.2
BS10-265	331300	1000	is	331299	6260997	1178																																					
BS10-266	331300	1025	Soil	331299	6261025	1182	1.6	40.6	3.9	59	0.3	32	15.2	525	3.5	18.7	0.3	2.1	0.7	46	0.4	0.6	0.1	87	1.1	0	4	48	1.06	116	0.14	0	1.95	0.018	0.03	0	0.02	5.3	0	0	5	0.6	0

Besshi Property 2010 Sample Locations and Results

SAMPLE	LINE	STATION	type	NAD83E	Nad83N	ALT	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au PPB	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm
BS10-267	331300	1050	Soil	331298	6261055	1189	1.2	41.8	4.9	91	0.6	28.1	14.9	478	3.4	13.3	0.4	344	0.6	56	0.6	0.5	0.1	83	1.4	0	4	48	1.02	149	0.106	0	1.99	0.014	0.03	0	0.04	4.5	0	0	5	1	0.2
BS10-268	331300	1075	Soil	331299	6261075	1190	0.9	68.2	3.2	44	0.2	37.1	17.6	609	3.5	18.2	0.4	2.7	1.1	46	0.2	0.5	0	100	1	0	6	61	1.15	124	0.194	0	2.3	0.02	0.04	0.1	0.03	8.5	0	0	6	0.7	0
BS10-269	331300	1100	Soil	331299	6261098	1196	1.8	36.5	5.2	55	0.3	30.8	15.2	375	3.8	20.3	0.4	2.4	0.7	46	0.3	0.5	0.1	107	0.9	0	4	55	0.96	129	0.164	0	2.4	0.011	0.03	0.1	0	4.5	0	0	7	0	0.2
BS10-270	331300	1125	Soil	331300	6261125	1202	1.6	33.4	4.3	59	0.3	29.8	15.2	380	3.8	20.1	0.4	2.7	0.7	44	0.4	0.4	0.1	110	0.9	0	4	55	0.99	121	0.17	0	2.45	0.012	0.03	0.1	0.01	4.5	0	0	7	0.7	0
BS10-271	331300	1150	Soil	331300	6261150		1.2	41.2	3.4	54	0.3	33.4	14.5	455	3.5	23.5	0.3	4.2	0.7	42	0.8	0.8	0	86	1	0	4	52	1	178	0.156	0	2.33	0.016	0.03	0.1	0.02	5.6	0	0	5	1.1	0.2
BS10-272	331300	1175	Soil	331302	6261171	1206	1.2	35.2	3.3	50	0.2	31.7	14.4	381	3.3	22	0.3	1.6	0.7	36	0.6	0.7	0	80	0.9	0	4	48	0.99	165	0.141	0	2.26	0.015	0.03	0.1	0.02	4.6	0	0	5	0.6	0
BS10-273	331300	1200	Soil	331298	6261199	1212	1.1	23.9	5.2	68	0.3	27.3	12.1	299	3.6	17.4	0.6	1.3	0.6	55	0.7	0.6	0.1	94	1.1	0	6	52	0.8	240	0.14	0	2.23	0.012	0.03	0.2	0.03	4.9	0	0	6	1.1	0
BS10-274	331300	1225	Soil	331299	6261230	1215	1.2	35.1	4.4	80	0.1	32.4	14.9	435	3.7	23.2	0.4	1.8	1	47	0.5	0.5	0.1	97	1	0	5	57	1.1	265	0.15	0	2.45	0.017	0.04	0.1	0.01	6	0	0	6	0.5	0
BS10-275	331300	1250	Soil	331298	6261252	1205	3.6	59.7	5.6	88	0.2	42.1	18.5	581	4.7	64.9	0.3	2	0.8	26	0.4	1.7	0.1	121	0.5	0	4	56	1.09	156	0.124	0	2.7	0.013	0.05	0.1	0.03	5	0	0	8	0.7	0
BS10-276	331300	1275	Soil	331298	6261275	1222	3.3	64	5	83	0.2	41.8	17.8	528	4.6	64.7	0.3	1.2	0.7	26	0.3	1.8	0.1	115	0.4	0	4	54	1.14	161	0.123	0	2.77	0.013	0.05	0.1	0.02	5	0	0	8	0.9	0
BS10-277	331300	1300	Soil	331299	6261299	1225	1.7	60	4.1	60	0.2	41.4	18.3	412	4.2	24.9	0.3	7.4	0.7	30	0.5	0.9	0.1	116	0.5	0	3	64	1.14	146	0.16	0	2.85	0.012	0.03	0.2	0.02	4.9	0	0	7	0	0.2
BS10-278	331300	1325	Soil	331302	6261324	1228	1.8	65	4.5	60	0.2	43	19.6	425	4.4	23.6	0.3	13.3	0.7	29	0.5	0.9	0.1	120	0.6	0	3	69	1.22	133	0.164	0	3.16	0.011	0.04	0.2	0.02	4.9	0	0	7	0.8	0
BS10-279	331300	1350	Soil	331301	6261351	1231	1.6	35.8	6.1	99	0.2	29.3	14.3	390	4.2	20.3	0.3	2.9	0.6	24	0.5	0.6	0.1	116	0.4	0	3	50	0.76	120	0.122	0	2.18	0.008	0.03	0.1	0.02	3.3	0	0	8	0.6	0
BS10-280	331300	1375	Soil	331301	6261374	1233	1.9	35.3	5.5	102	0.2	31.8	15.2	444	4.5	22.8	0.2	3.6	0.6	24	0.6	0.6	0.2	129	0.5	0.1	3	52	0.78	130	0.133	0	2.18	0.006	0.03	0	0.02	3.6	0	0	8	0	0
BS10-281	331300	1400	Soil	331301	6261399	1236	2.9	28.6	5.8	149	0.5	27.4	10.9	338	4.4	21.6	0.2	1.1	0.8	22	1.7	0.9	0.1	116	0.4	0.1	3	50	0.79	103	0.133	0	2.14	0.008	0.04	0.2	0.02	3.4	0	0	8	0	0
BS10-282	331300	1425	Soil	331301	6261424	1239	2.7	20.3	6.5	147	0.5	19	9.7	298	4.2	17.6	0.2	1	0.7	20	1.5	0.6	0.2	128	0.3	0.1	4	44	0.66	99	0.136	0	1.79	0.007	0.04	0.2	0.03	2.8	0	0	9	0	0
BS10-283	331300	1450	Soil	331299	6261451	1240	1.7	19.4	6.3	58	0.3	12.5	6	400	2.9	15.1	0.2	1	0.6	22	0.9	0.9	0.1	85	0.3	0.1	4	24	0.26	138	0.067	0	1.09	0.007	0.06	0.1	0.03	2.6	0	0	6	0	0
BS10-284	331300	1475	Soil	331300	6261475	1242	2.2	56.8	5.7	97	0.3	43.5	17.9	491	5.1	29.6	0.3	2.1	0.8	31	0.8	1.2	0.1	119	0.5	0.1	3	68	1.31	118	0.134	0	3.25	0.01	0.05	0.2	0.04	5	0	0	8	0	0
BS10-285	331300	1500	Soil	331297	6261503	1247	2.2	53.6	5.3	104	0.4	40.1	17.4	474	5.3	28.4	0.3	2.2	0.8	30	1	1.2	0.1	119	0.5	0.1	3	69	1.31	110	0.136	0	3.22	0.01	0.05	0.2	0.04	4.9	0	0	8	0	0.4
BS10-286	331300	1525	Soil	331301	6261525	1248	2.1	57.1	5.3	98	0.3	44.6	18.4	497	5.2	28.8	0.3	0.9	0.8	30	0.9	1.2	0.1	117	0.5	0.1	3	71	1.32	110	0.142	0	3.27	0.01	0.05	0.1	0.05	5.3	0	0	7	0.7	0
BS10-287	331300	1550	Soil	331299	6261551	1264	1.9	40	5.4	115	0.3	32.3	15.2	434	4.2	23.2	0.3	0.6	1.1	26	0.6	0.8	0.1	115	0.5	0	4	56	1.13	68	0.136	0	2.53	0.009	0.04	0.1	0.01	4.2	0	0	8	0	0
BS10-288	331300	1575	Soil	331300	6261576	1265	2.2	19.9	6	46	0.2	15.6	13	319	3	14.2	0.2	1.6	0.5	26	0.6	0.7	0.1	104	0.4	0	4	38	0.55	93	0.116	0	1.61	0.01	0.02	0.1	0.01	3.1	0	0	7	0	0
BS10-289	331300	1600	Soil	331300	6261599	1264	1.9	43.4	4.7	73	0.3	34.9	14.2	394	4.5	25.5	0.2	1.6	0.6	33	0.8	1.1	0	127	0.6	0	3	60	1.05	91	0.149	0	2.39	0.01	0.04	0.2	0.03	4.3	0	0	8	0	0
BS10-290	331300	1625	Soil	331299	6261626	1267	1.6	58.7	4.7	88	0.3	40.1	17.1	440	4.2	23.8	0.2	2.1	0.7	25	0.9	1.2	0	103	0.5	0	3	60	1.13	93	0.133	0	2.61	0.009	0.04	0.2	0.03	4.3	0	0	7	0.6	0
BS10-291	331300	1650	Soil	331298	6261650	1269	1.9	24.7	6.1	79	0.2	24.4	11.9	338	3.7	20.2	0.3	0	0.4	33	0.8	0.8	0	118	0.7	0	3	50	0.93	83	0.141	0	2.18	0.01	0.03	0	0.01	3.7	0	0	8	0	0
BS10-292	331300	1675	Soil	331300	6261675	1270	2.4	43.3	4.4	57	0.1	30.1	12.7	350	4	28.8	0.2	0.6	0.5	35	0.4	1.1	0	122	0.7	0	3	55	1.02	92	0.132	0	2.35	0.011	0.03	0.1	0.02	4.2	0	0	8	0.6	0
BS10-293	331300	1700	Soil	331298	6261700	1272	1.4	55.8	3.8	58	0.3	35.9	15.7	366	3.5	19.9	0.3	0.9	0.7	29	0.2	0.9	0	96	0.5	0	4	54	1.07	88	0.122	0	2.57	0.011	0.03	0.1	0.02	4.7	0	0	7	0	0
BS10-294	331300	1725	Soil	331299	6261724	1274	1.6	63	7.6	83	0.2	38.2	16.1	465	4.3	30.6	0.3	1.9	0.6	24	0.6	1.1	0	114	0.4	0.1	3	62	1.17	117	0.125	0	2.82	0.01	0.04	0.1	0.03	5.1	0	0	8	0.6	0
BS10-295	331300	1750	Soil	331301	6261749	1275	2.5	54.4	5.2	70	0.3	29.6	14.1	621	3.1	22	0.4	2.2	0.3	47	0.6	1	0	88	1	0	5	53	0.98	115	0.071	0	2.27	0.01	0.03	0.1	0.04	4.9	0	0	7	1.1	0
BS10-296	331300	1775	Soil	331301	6261774	1277	2.5	76.5	4.7	110	0.2	40	14	497	3.8	35.3	0.4	2.7	0.5	42	0.4	2.1	0	90	0.9	0	3	60	1.16	151	0.08	0	2.53	0.013	0.04	0.2	0.04	5.3	0	0	6	1.3	0
BS10-297	331300	1800	Soil	331301	6261800	1273	1.9	89.7	4	71	0.4	50.9	14.4	477	3.7	74.5	0.6	3.4	0.9	33	0.2	2.1	0	89	0.8	0	5	63	1.13	187	0.079	0	2.69	0.016	0.05	0	0.09	7.8	0	0	6	0.7	0
BS10-298	331400	1000	Soil	331400	6261002	1188	0.9	78.9	3.6	53	0.2	40.5	15.9	512	3.4	13.5	0.4	2.7	0.8	47	0.2	0.7	0	99	0.9	0	4	66	1.25	153	0.189	0	2.42	0.018	0.05	0.1	0.02	6.9	0	0	6	0.9	0
BS10-299	331400	1025	Soil	331401	6261025	1194	1	62.6	3.4	52	0.2	37	16.9	428	3.2	13.1	0.3	4.3	0.7	41	0.4	0.5	0	94	0.9	0	3	58	1.12	112	0.176	0	2.28	0.015	0.04	0.1	0.03	5.3	0	0	6	0.5	0
BS10-300	331400	1050	Soil	331398	6261053	1198	1	64.9	3.6	49	0.3	38.9	19.5	474	3.4	14.2	0.3	2	0.7	36	0.3	0.6	0	100	0.8	0	3	62	1.13	111	0.186	0	2.46	0.015	0.05	0.1	0.03	5.5	0	0	6	0.7	0
BS10-301	331400	1075	Soil	331401	6261074	1201	0.8	55.7	3.1	44	0.4	34.5	17.8	414	3.1	12.8	0.3	2.4	0.6	38	0.4	0.5	0	97	0.8	0	3	55	1.15	91	0.168	0	2.27	0.016	0.03	0.1	0.04	5.3	0	0	5	0.6	0
BS10-302	331400	1100	Soil	331401	6261100	1206	0.8	69.3	3.7	51	0.3	38	20.1	567	3.4	16.8	0.3	14.6	0.7	38	0.4	0.6	0	100	0.8	0	3	57	1.11	90	0.177	0	2.23	0.017	0.03	0.1	0.04	5.8	0	0	5	0.7	0
BS10-303	331400	1125	is	331398	6261125	1211																																				
BS10-304	331400	1150	is	331400	6261152	1214																																				
BS10-305	331400	1175	Soil	331398	6261175	1215	1.3	74.4	5.2	72	1.1	42	16.9	485	4	18.7	0.6	4.7	0.7	65	0.7	0.6	0.1	98	1.7	0	9	92	0.98	326	0.129	0	3.04	0.016	0.04	0.1	0.08	9.8	0	0	7	1.9	0
BS10-306	331400	1200	Soil	331398	6261199	1220	1.3	88.3	5.5	74	1.1	43	17.9	500	4.1	20	0.5	2.1	0.8	60	0.6	0.6	0.1	102	1.5	0	12	101	1.03	335	0.125	0	3.13	0.015	0.04	0.2	0.09	11.4	0	0	7	1.5	0
BS10-307	331400	1225	Soil	331401	6261225	1222	1.1	69.9	3.4	58	0.1	44.4	18.6	498	3.6	14	0.3	3.2	0.7	31	0.2	0.6	0	104	0.7	0	4	71	1.27	98	0.171	0	2.77	0.012	0.04	0	0.02	6.3	0	0	6	0.7	0
BS10-308	331400	1250	Soil	331399	6261249	1225	2.7	24.1	5.2	67	0.2	23	11.3	260	3.6	12.7	0.2	0.8	0.5	25	0.5	0.5	0.1	123	0.4	0	3	45	0.65	79	0.107	0	1.96	0.009	0.03	0.1	0.02	3.5	0	0	8	0	0
BS10-309	331400	1275	Soil	331400	6261275	1229	1.7	66.1	6	67	0.1	44.8	17.6	465	3.9	16.1	0.3	3.4	0.8	31	0.3	0.6	0.1	109	0.6	0	4	70	1.23	106	0.152	0	2.79	0.013	0.04	0.1	0.03	6.3	0	0	7	0.9	0
BS10-310	331400	1300	Soil	331399	6261300	1231	4.5	35.4	5	135	0.5	34.8	15.2	326	4.3	27.4	0.2	1.1	0.6	30	3.4	1.2	0.1	128	0.5	0	3	58	0.84	117	0.122	0	2.59	0.011	0.04	0.1	0.05	4.3	0	0	8	0.7	0
BS10-311	331400	1325	Soil	331400	6261324	1236	4.2	40.4	5	129	0.6	39.2	17.2	353	4.3	29.7	0.2	1	0.7	31	3	1.3	0.1	115	0.5	0	3	60	0.93	123	0.128	0	2.66	0.012	0.03	0	0.06	4.4	0	0	7	0.9	0
BS10-312	331400	1350	Soil	331402	6261350	1239	4.1	34.6	5	123	0.5	34.6	14.6	319	4.1	27.5	0.2	4.9	0.6	29	3.5	1.2	0.1	121	0.5	0	3	56	0.87	120	0.121	0	2.52	0.01	0.04	0.1	0.05	4.1	0	0	7	0.8	0.2
BS10-313	331400	1375	Soil	331402	6261374	1242	2.5	49.9	6.6	130	0.5	38.9	19.3	451	4.8	28.1	0.2	1.4	0.7	24	1.1	1.2	0.1	122	0.4	0	4	53	1.06	102	0.124	0	2.89	0.012	0.04	0.1	0.05	5.1	0	0	9	0	0.2
BS10-314	331400	1400	Soil	331401	6261400	1246	2.3	67.5	4.7	113	0.5	44.8	23.4	510	4.5	30.4	0.3	2.8	0.9	27	0.9	1.3	0	103	0.5	0	4	58	1.15	116	0.131	0	3.21	0.013	0.05	0.2	0.04	5.6	0	0	7	0.8	0
BS10-315	331400	1425	Soil	331401	6261424	1249	2.5	45.1	4.5	70	0	35.4	15.6	410	4	16.2	0.2	1.7	0.5	36	0.5	1.3	0	122	0.6	0	3	59	1.12	111	0.134	0	2.53	0.01	0.08	0.2	0.03	4.2	0	0	7	0	0
BS10-316	331400	1450	Soil	331399	6261449	1254	2.3	49.5	13	68	0	39.2	17.3	419	4.1	17.8	0.2	1.4	0.5	33	0.5	1.2	0	118	0.6	0	3	59	1.22	117	0.124	0	2.64	0.01	0.08	0.2	0.04	4.5	0	0	7	0	0
BS10-317	331400	1475	Soil	331402	6261475	1257	3.2	20.5	5.4	126	0.5	22.7	12.5	356	4.3	18.5	0.2	0	0.6	32	0.7	0.8	0.1	133	0.5	0	4	44	0.81	64	0.137	0	2.14	0.012	0.04	0.1	0.02	3.3	0	0	9	0	0
BS10-318	331400	1500	Soil	331400	6261499	1260	3	27.5	4.9	140	0.5	26.3	16.1	374	4.4	21.1	0.2	0	0.7	32	0.6	0.7	0.1	122	0.5	0	4	50	0.91	68	0.133	0	2.43	0.013	0.04	0.2	0.02	3.8	0	0	9	0	0
BS10-319	331400	1525	Soil	331402	6261524	1264	2	33.8	3.6	63	0.1	27.8	12.2	319	3.2	16.7	0.2	0	0.4	32	0.6	0.9	0	110	0.6	0	3	45	0.89	89	0.122	0	1.85	0.011	0.02	0.1	0.01	3.8	0	0	6	0	0
BS10-320	331400	1550	Soil	331402	6261549	1267	1.9	55.8	4.5	62	0.4	36	15.7	543	3.5	23.3	0.4	2.8	0.9	36	0.2	1.6	0	99	0.8	0	5	59	1.23	103	0.153	0	2.32	0.016	0.04	0.1	0.04	7	0	0	6	1	0
BS10-321	331400	1575	Soil	331400	6261573	1270	1.9	61.2	4.8	58	0.4	37.3	15.6	558	3.6	24	0.5	2.5	1	37	0.3	1.8	0	93	0.8	0	6	57	1.27	108	0.153	0	2.32	0.014	0.04	0.1	0.04	7	0	0	6	1	0
BS10-322	331400	1600	Soil	331401	6261602	1272	2.2	24.4	5.2	72	0.3	23	11.9	272	3.3	17.1	0.2	0	0.7	29	0.7	1.5	0.1	109	0.5	0	4	47	0.72	73	0.132	0	2.02	0.01	0.02	0.2	0.03	3.3	0	0	7	0	0
BS10-323	331400	1625	Soil	331398	6261624	1273	2.5	24.3	5.6	73	0.3	22.2	12.3	296	3.5	16.9	0.2	0	0.6	28	0.6	1.4	0.1	112	0.5	0	4	46	0.71	73	0.121	0	1.95	0.01	0.02	0.2	0.03	2.9	0	0	7	0	0
BS10-324	331400	1650	Soil	331399	6261651	1274	2.1	35	4.4	52	0.4	27.6	12.3	529	2.9	17.1	0.4	1.6	0.3	56	0.3	1.3	0	77	1.1	0	3	47	1.05	127	0.097	0	1.89	0.013	0.03	0.1	0.02	3.8	0	0	5	0.8	0
BS10-325	331400	1675	is	331400	6261675	1277																																				

Besshi Property 2010 Sample Locations and Results

SAMPLE	LINE	STATION	type	NAD83E	Nad83N	ALT	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au PPB	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm
BS10-326	331400	1700	Soil	331401	6261700	1277	2	57.4	6.3	55	0.5	34.9	13.6	346	3.7	25.6	0.4	2.2	0.7	49	0.5	1.3	0.1	102	1	0	6	54	0.9	133	0.109	0	2.58	0.011	0.04	0.1	0.03	5.8	0	0	7	0.9	0
BS10-327	331400	1725	Soil	331400	6261725	1279	1.8	29.4	4.1	82	0.2	23.1	13	415	3.5	17.6	0.2	3.5	0.5	32	0.6	1	0	111	0.6	0	3	45	0.9	173	0.094	0	2.1	0.008	0.03	0.1	0.02	3.9	0	0	7	0	0
BS10-328	331400	1750	Soil	331402	6261751	1280	2.4	16.1	4.9	59	0.3	16.7	8.2	218	3	56.9	0.2	0	0.5	30	0.5	1.3	0	100	0.6	0	3	37	0.61	85	0.099	0	1.64	0.008	0.02	0.2	0.01	2.9	0	0	7	0	0
BS10-329	331400	1775	Soil	331400	6261774	1282	1.3	48.6	3.4	48	0.3	33.7	13.7	441	3	63.4	0.5	3	0.6	40	0.2	2.3	0	79	0.9	0	5	49	0.99	121	0.099	0	1.84	0.018	0.04	0.2	0.07	5.8	0	0	5	1.1	0
BS10-330	331400	1800	Soil	331401	6261800	1281	1.4	51.1	3.5	48	0.5	30.2	12	458	2.9	65.8	0.7	2.6	0.4	46	0.5	2.2	0	73	1.1	0	5	45	0.89	135	0.087	0	1.78	0.015	0.03	0.1	0.05	5.1	0	0	5	1.6	0
BS10-331	331500	1000	Soil	331499	6261000	1206	2.3	40.1	10.6	168	0.7	30	18.4	574	4.1	38.8	0.3	2.1	0.9	41	6.3	1.3	0.2	98	0.9	0	6	55	0.76	149	0.102	0	2.19	0.011	0.03	0.1	0.03	5.9	0	0	6	1.3	0
BS10-332	331500	1025	Soil	331501	6261025	1211	1.5	25	4.4	75	0.3	30.4	14.9	345	3.5	24.7	0.2	1.7	0.5	34	1.7	0.7	0	97	0.7	0	3	53	0.93	175	0.157	0	2.2	0.009	0.03	0.1	0.02	3.5	0	0	6	0.7	0
BS10-333	331500	1050	Soil	331500	6261050	1214	2.4	42	6.1	173	0.6	32.9	19.7	1429	3.9	103	0.5	2.2	0.9	50	2.7	2.7	0.1	82	0.9	0	5	53	0.83	235	0.092	0	2.16	0.01	0.05	0.1	0.03	6.9	0	0	6	1.6	0
BS10-334	331500	1075	Soil	331500	6261077	1217	1	57	4.1	53	0.3	38.5	17.7	547	3.6	35.1	0.4	4.9	0.8	41	0.4	1.3	0	90	0.9	0	5	65	1.21	171	0.149	0	2.22	0.014	0.06	0	0.04	8.7	0	0	5	0.7	0
BS10-335	331500	1100	is	331499	6261100	1219																																					
BS10-336	331500	1125	is	331499	6261124	1222																																					
BS10-337	331500	1150	Soil	331500	6261150	1226	1	23	6.7	62	0.5	22.2	11.1	518	2.9	7.3	0.4	0.9	0.3	60	1	0.7	0.1	89	1.4	0	3	50	0.69	188	0.137	0	1.71	0.011	0.03	0.1	0.02	3.6	0	0	6	0.9	0
BS10-338	331500	1175	Soil	331502	6261176	1228	1.7	31.9	4.7	96	0.4	25	15.4	389	3.6	10.6	0.3	1.8	0.5	36	1.9	0.6	0.1	113	0.6	0	3	54	0.71	84	0.143	0	2.06	0.01	0.03	0.1	0.01	3.7	0	0	7	0.6	0
BS10-339	331500	1200	Soil	331500	6261201	1231	1.9	39	5.9	97	0.6	41.5	16.6	401	4.5	17.1	0.3	2.5	0.5	38	1.6	0.7	0.1	120	0.7	0	2	73	1.14	93	0.172	0	2.83	0.011	0.03	0.1	0.02	4.5	0	0	7	0.7	0.4
BS10-340	331500	1225	Soil	331500	6261224	1236	1.8	33	4.9	102	0.7	34.5	17.1	772	3.7	45.5	0.7	1.6	0.9	48	1.6	1.2	0.1	88	1	0	5	55	1.07	173	0.139	0	2.3	0.012	0.04	0.1	0.05	5.3	0	0	6	1.5	0
BS10-341	331500	1250	Soil	331500	6261249	1237	2	28.3	5.2	71	0.3	30.9	18	670	3.5	29.5	0.3	2.3	0.7	33	2.5	0.8	0	101	0.6	0	4	51	0.93	116	0.117	0	2.33	0.01	0.04	0.1	0.01	4.7	0	0	6	0.9	0
BS10-342	331500	1275	Soil	331501	6261275	1241	2.2	44.5	3.6	74	0.2	34.5	18.3	495	3.9	57	0.3	14.5	0.7	28	0.6	1.6	0	103	0.7	0	3	54	1.07	119	0.103	0	2.54	0.013	0.05	0.1	0.02	5.5	0	0	7	0.6	0
BS10-343	331500	1300	Soil	331499	6261299	1240	2.8	22.6	6.4	100	0.4	22.8	15.7	1136	4	60.9	0.4	1	0.6	46	1.5	1.9	0.1	90	1	0	6	37	0.65	171	0.05	0	2.14	0.013	0.04	0.1	0.02	5.3	0	0	6	0.8	0
BS10-344	331500	1325	Soil	331501	6261325	1245	3.6	22.8	5.1	105	0.2	18.5	8.8	396	4.1	51.3	0.2	2.7	0.6	35	0.6	1.9	0.1	113	0.7	0	4	35	0.61	142	0.081	0	1.84	0.008	0.09	0.2	0.02	3.5	0	0	7	0	0
BS10-345	331500	1350	Soil	331501	6261351	1245	3.2	19.3	6.5	70	0.4	15.3	8.3	322	3.5	55.2	0.1	0.9	0.4	15	0.8	2.5	0.1	102	0.2	0.1	3	28	0.4	64	0.059	0	1.28	0.006	0.05	0.2	0.02	2.8	0	0	6	0	0
BS10-346	331500	1375	Soil	331500	6261374	1249	1.9	21.4	4.5	97	0.3	25	14.8	451	3.7	54.1	0.2	1.1	0.5	41	0.7	1.8	0.1	93	1	0	3	41	0.87	136	0.108	0	2.05	0.008	0.05	0.1	0.03	3.7	0	0	6	0	0
BS10-347	331500	1400	Soil	331501	6261401	1253	1.3	15.6	5.8	84	0	21.7	14.9	406	3.6	26.6	0.2	1	0.5	25	0.9	0.9	0.1	90	0.5	0	3	40	0.63	112	0.113	0	1.93	0.009	0.03	0.1	0	3	0	0	7	0	0
BS10-348	331500	1425	Soil	331499	6261426	1258	1.7	26.9	5.1	70	0.3	22.9	10.7	449	3.5	23.6	0.2	2.4	0.5	48	0.7	1.4	0.1	105	1.1	0	3	41	0.71	218	0.113	0	1.67	0.009	0.07	0.2	0.02	3.5	0	0	7	0	0
BS10-349	331500	1450	Soil	331501	6261450	1260	1.4	22.3	4.5	93	0.3	27.1	14.6	561	3.4	56.1	0.2	1.1	0.8	37	1.1	1.3	0	77	0.7	0	4	50	1.01	125	0.137	0	2.18	0.01	0.03	0.1	0	4	0	0	6	0.8	0
BS10-350	331500	1475	Soil	331500	6261475	1265	3.6	31.1	6.6	83	0.2	25.9	15.9	780	3.8	99.1	0.4	2.8	0.6	35	1.7	3.7	0.1	91	0.7	0	5	41	0.78	115	0.068	0	2.06	0.011	0.03	0.1	0.01	4.5	0	0	6	1.3	0
BS10-351	331500	1500	Soil	331500	6261500	1266	3.7	38.1	6.5	83	0.2	29	17.9	1033	4.1	110	0.4	1.8	0.7	36	1.9	4.2	0.1	97	0.7	0	5	46	0.82	134	0.073	0	2.11	0.011	0.03	0.1	0.02	5.2	0	0	6	1.4	0.4
BS10-352	331500	1525	Soil	331500	6261525	1267	2.3	88.5	5.7	72	0.8	32.4	13.9	655	3.5	85.7	0.6	4.4	0.6	47	0.8	4.6	0.1	65	1	0	7	52	1.05	140	0.077	0	1.84	0.015	0.04	0.1	0.36	8.2	0	0	4	1.3	0
BS10-353	331500	1550	Soil	331500	6261551	1268	3	34.4	7.5	86	0.5	31.6	16.8	432	3.9	47	0.4	0.7	0.8	49	0.9	1.4	0.1	90	1.2	0	4	45	0.93	176	0.101	0	2.25	0.011	0.04	0.1	0.02	4.6	0	0	6	0.9	0.4
BS10-354	331500	1575	is	331499	6261576	1270																																					
BS10-355	331500	1600	is	331500	6261601	1274																																					
BS10-356	331500	1625	is	331501	6261625	1278																																					
BS10-357	331500	1650	Soil	331500	6261647	1278	2.1	77.9	13.2	60	0.9	36.6	13.7	463	3.6	120	0.8	0.5	0.5	48	0.5	2.9	0.1	70	1.2	0.1	13	59	0.99	183	0.074	0	2.29	0.014	0.04	0.2	0.2	8.2	0	0	5	1.4	0
BS10-358	331500	1675	Soil	331500	6261674	1278	1.8	78.1	4.8	60	0.9	35.3	13.3	457	3.4	116	0.8	3.8	0.4	48	0.6	2.7	0.1	68	1.2	0	13	59	0.95	185	0.069	0	2.18	0.014	0.04	0.1	0.21	7.6	0	0	5	1.8	0.5
BS10-359	331500	1700	Soil	331499	6261701	1280	3.3	30.5	4.6	69	0.2	26.9	12.3	317	3.7	35.4	0.2	3.6	0.5	22	0.6	1.9	0	107	0.4	0	2	46	0.8	98	0.127	0	1.81	0.009	0.05	0.2	0.01	3.1	0	0	7	0	0
BS10-360	331500	1725	Soil	331500	6261726	1283	2.3	50.2	4.4	68	0.2	40.1	17.3	534	3.9	60	0.4	3.4	0.8	33	0.5	2.5	0	94	0.6	0	5	60	1.15	168	0.107	0	2.44	0.013	0.06	0.1	0.05	6.3	0	0	6	1.2	0
BS10-361	331500	1750	Soil	331502	6261749	1286	2.4	45	4.3	65	0.2	37.4	16.1	470	3.7	55.4	0.3	1	0.7	29	0.6	2.3	0	93	0.5	0	4	56	1.14	167	0.104	0	2.42	0.012	0.06	0.1	0.02	5.2	0	0	6	0	0
BS10-362	331500	1775	Soil	331501	6261776	1286	2.3	91.8	4.8	88	0.2	46.2	21.9	930	4.3	65.5	0.4	4.7	0.9	31	0.5	3.2	0	89	0.7	0	6	60	1.39	153	0.117	0	2.29	0.014	0.07	0.1	0.09	8.5	0.1	0	6	0.9	0
BS10-363	331500	1800	Soil	331500	6261801	1287	2.8	36.4	5.3	64	0.5	27.4	12.1	349	3.9	106	0.2	4.4	0.4	18	0.9	1.8	0.1	105	0.3	0	3	49	0.91	78	0.106	0	2.24	0.008	0.04	0.2	0.05	3.6	0	0	7	0	0

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Strickland, Derrick**
1107-1251 Cardero St.
Vancouver BC V5Y 1T8 Canada

Submitted By: Derrick Strickland
Receiving Lab: Canada-Vancouver
Received: September 11, 2010
Report Date: October 04, 2010
Page: 1 of 9

CERTIFICATE OF ANALYSIS VAN10004579.1

CLIENT JOB INFORMATION

Project: Besshi 2010
Shipment ID:
P.O. Number
Number of Samples: 226

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	204	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	204	Dry at 60C			VAN
1DX1	204	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Strickland, Derrick
1107-1251 Cardero St.
Vancouver BC V5Y 1T8
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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1107-1251 Cardero St.
Vancouver BC V5Y 1T8 Canada

Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BS10-363	Soil	2.8	36.4	5.3	64	0.5	27.4	12.1	349	3.87	106.2	0.2	4.4	0.4	18	0.9	1.8	0.1	105	0.30	0.026
BS10-362	Soil	2.3	91.8	4.8	88	0.2	46.2	21.9	930	4.29	65.5	0.4	4.7	0.9	31	0.5	3.2	<0.1	89	0.67	0.036
BS10-361	Soil	2.4	45.0	4.3	65	0.2	37.4	16.1	470	3.74	55.4	0.3	1.0	0.7	29	0.6	2.3	<0.1	93	0.52	0.021
BS10-360A	Soil	2.3	50.2	4.4	68	0.2	40.1	17.3	534	3.87	60.0	0.4	3.4	0.8	33	0.5	2.5	<0.1	94	0.57	0.021
BS10-360B	Soil	1.9	55.5	4.0	70	0.2	39.1	18.8	749	4.11	78.8	0.5	5.3	0.8	35	0.7	3.0	<0.1	87	0.74	0.023
BS10-359	Soil	3.3	30.5	4.6	69	0.2	26.9	12.3	317	3.70	35.4	0.2	3.6	0.5	22	0.6	1.9	<0.1	107	0.39	0.025
BS10-358	Soil	1.8	78.1	4.8	60	0.9	35.3	13.3	457	3.42	115.5	0.8	3.8	0.4	48	0.6	2.7	0.1	68	1.23	0.047
BS10-357	Soil	2.1	77.9	13.2	60	0.9	36.6	13.7	463	3.57	120.0	0.8	0.5	0.5	48	0.5	2.9	0.1	70	1.15	0.050
BS10-356	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-355	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-354	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-353	Soil	3.0	34.4	7.5	86	0.5	31.6	16.8	432	3.86	47.0	0.4	0.7	0.8	49	0.9	1.4	0.1	90	1.15	0.013
BS10-352	Soil	2.3	88.5	5.7	72	0.8	32.4	13.9	655	3.46	85.7	0.6	4.4	0.6	47	0.8	4.6	0.1	65	1.00	0.047
BS10-351	Soil	3.7	38.1	6.5	83	0.2	29.0	17.9	1033	4.12	109.7	0.4	1.8	0.7	36	1.9	4.2	0.1	97	0.71	0.018
BS10-350	Soil	3.6	31.1	6.6	83	0.2	25.9	15.9	780	3.84	99.1	0.4	2.8	0.6	35	1.7	3.7	0.1	91	0.66	0.017
BS10-349	Soil	1.4	22.3	4.5	93	0.3	27.1	14.6	561	3.42	56.1	0.2	1.1	0.8	37	1.1	1.3	<0.1	77	0.74	0.015
BS10-348	Soil	1.7	26.9	5.1	70	0.3	22.9	10.7	449	3.48	23.6	0.2	2.4	0.5	48	0.7	1.4	0.1	105	1.11	0.027
BS10-347	Soil	1.3	15.6	5.8	84	<0.1	21.7	14.9	406	3.57	26.6	0.2	1.0	0.5	25	0.9	0.9	0.1	90	0.48	0.018
BS10-346	Soil	1.9	21.4	4.5	97	0.3	25.0	14.8	451	3.68	54.1	0.2	1.1	0.5	41	0.7	1.8	0.1	93	0.98	0.023
BS10-345	Soil	3.2	19.3	6.5	70	0.4	15.3	8.3	322	3.45	55.2	0.1	0.9	0.4	15	0.8	2.5	0.1	102	0.23	0.052
BS10-344	Soil	3.6	22.8	5.1	105	0.2	18.5	8.8	396	4.05	51.3	0.2	2.7	0.6	35	0.6	1.9	0.1	113	0.71	0.047
BS10-343	Soil	2.8	22.6	6.4	100	0.4	22.8	15.7	1136	4.00	60.9	0.4	1.0	0.6	46	1.5	1.9	0.1	90	0.98	0.030
BS10-342	Soil	2.2	44.5	3.6	74	0.2	34.5	18.3	495	3.91	57.0	0.3	14.5	0.7	28	0.6	1.6	<0.1	103	0.65	0.022
BS10-341	Soil	2.0	28.3	5.2	71	0.3	30.9	18.0	670	3.50	29.5	0.3	2.3	0.7	33	2.5	0.8	<0.1	101	0.64	0.017
BS10-340A	Soil	1.8	33.0	4.9	102	0.7	34.5	17.1	772	3.65	45.5	0.7	1.6	0.9	48	1.6	1.2	0.1	88	1.04	0.020
BS10-340B	Soil	1.9	31.1	5.2	117	0.6	34.5	17.5	732	3.74	49.2	0.7	1.4	1.0	45	1.4	1.4	0.1	91	0.92	0.017
BS10-339	Soil	1.9	39.0	5.9	97	0.6	41.5	16.6	401	4.51	17.1	0.3	2.5	0.5	38	1.6	0.7	0.1	120	0.66	0.027
BS10-338	Soil	1.7	31.9	4.7	96	0.4	25.0	15.4	389	3.57	10.6	0.3	1.8	0.5	36	1.9	0.6	0.1	113	0.60	0.022
BS10-337	Soil	1.0	23.0	6.7	62	0.5	22.2	11.1	518	2.88	7.3	0.4	0.9	0.3	60	1.0	0.7	0.1	89	1.37	0.023
BS10-336	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Client: **Strickland, Derrick**
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Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BS10-363	Soil	3	49	0.91	78	0.106	<20	2.24	0.008	0.04	0.2	0.05	3.6	<0.1	<0.05	7	<0.5	<0.2
BS10-362	Soil	6	60	1.39	153	0.117	<20	2.29	0.014	0.07	0.1	0.09	8.5	0.1	<0.05	6	0.9	<0.2
BS10-361	Soil	4	56	1.14	167	0.104	<20	2.42	0.012	0.06	0.1	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
BS10-360A	Soil	5	60	1.15	168	0.107	<20	2.44	0.013	0.06	0.1	0.05	6.3	<0.1	<0.05	6	1.2	<0.2
BS10-360B	Soil	7	64	1.34	205	0.123	<20	2.36	0.018	0.05	<0.1	0.05	8.7	<0.1	<0.05	6	0.8	<0.2
BS10-359	Soil	2	46	0.80	98	0.127	<20	1.81	0.009	0.05	0.2	0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
BS10-358	Soil	13	59	0.95	185	0.069	<20	2.18	0.014	0.04	0.1	0.21	7.6	<0.1	<0.05	5	1.8	0.5
BS10-357	Soil	13	59	0.99	183	0.074	<20	2.29	0.014	0.04	0.2	0.20	8.2	<0.1	<0.05	5	1.4	<0.2
BS10-356	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-355	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-354	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-353	Soil	4	45	0.93	176	0.101	<20	2.25	0.011	0.04	0.1	0.02	4.6	<0.1	<0.05	6	0.9	0.4
BS10-352	Soil	7	52	1.05	140	0.077	<20	1.84	0.015	0.04	0.1	0.36	8.2	<0.1	<0.05	4	1.3	<0.2
BS10-351	Soil	5	46	0.82	134	0.073	<20	2.11	0.011	0.03	0.1	0.02	5.2	<0.1	<0.05	6	1.4	0.4
BS10-350	Soil	5	41	0.78	115	0.068	<20	2.06	0.011	0.03	0.1	0.01	4.5	<0.1	<0.05	6	1.3	<0.2
BS10-349	Soil	4	50	1.01	125	0.137	<20	2.18	0.010	0.03	0.1	<0.01	4.0	<0.1	<0.05	6	0.8	<0.2
BS10-348	Soil	3	41	0.71	218	0.113	<20	1.67	0.009	0.07	0.2	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
BS10-347	Soil	3	40	0.63	112	0.113	<20	1.93	0.009	0.03	0.1	<0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
BS10-346	Soil	3	41	0.87	136	0.108	<20	2.05	0.008	0.05	0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
BS10-345	Soil	3	28	0.40	64	0.059	<20	1.28	0.006	0.05	0.2	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
BS10-344	Soil	4	35	0.61	142	0.081	<20	1.84	0.008	0.09	0.2	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
BS10-343	Soil	6	37	0.65	171	0.050	<20	2.14	0.013	0.04	0.1	0.02	5.3	<0.1	<0.05	6	0.8	<0.2
BS10-342	Soil	3	54	1.07	119	0.103	<20	2.54	0.013	0.05	0.1	0.02	5.5	<0.1	<0.05	7	0.6	<0.2
BS10-341	Soil	4	51	0.93	116	0.117	<20	2.33	0.010	0.04	0.1	0.01	4.7	<0.1	<0.05	6	0.9	<0.2
BS10-340A	Soil	5	55	1.07	173	0.139	<20	2.30	0.012	0.04	0.1	0.05	5.3	<0.1	<0.05	6	1.5	<0.2
BS10-340B	Soil	5	55	1.08	164	0.149	<20	2.32	0.013	0.04	0.1	0.03	5.2	<0.1	<0.05	6	1.4	<0.2
BS10-339	Soil	2	73	1.14	93	0.172	<20	2.83	0.011	0.03	0.1	0.02	4.5	<0.1	<0.05	7	0.7	0.4
BS10-338	Soil	3	54	0.71	84	0.143	<20	2.06	0.010	0.03	0.1	0.01	3.7	<0.1	<0.05	7	0.6	<0.2
BS10-337	Soil	3	50	0.69	188	0.137	<20	1.71	0.011	0.03	0.1	0.02	3.6	<0.1	<0.05	6	0.9	<0.2
BS10-336	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BS10-335	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-334	Soil	1.0	57.0	4.1	53	0.3	38.5	17.7	547	3.58	35.1	0.4	4.9	0.8	41	0.4	1.3	<0.1	90	0.93	0.024
BS10-333	Soil	2.4	42.0	6.1	173	0.6	32.9	19.7	1429	3.88	102.6	0.5	2.2	0.9	50	2.7	2.7	0.1	82	0.89	0.016
BS10-332	Soil	1.5	25.0	4.4	75	0.3	30.4	14.9	345	3.48	24.7	0.2	1.7	0.5	34	1.7	0.7	<0.1	97	0.68	0.016
BS10-331	Soil	2.3	40.1	10.6	168	0.7	30.0	18.4	574	4.05	38.8	0.3	2.1	0.9	41	6.3	1.3	0.2	98	0.85	0.015
BS10-330	Soil	1.4	51.1	3.5	48	0.5	30.2	12.0	458	2.93	65.8	0.7	2.6	0.4	46	0.5	2.2	<0.1	73	1.13	0.047
BS10-329	Soil	1.3	48.6	3.4	48	0.3	33.7	13.7	441	3.02	63.4	0.5	3.0	0.6	40	0.2	2.3	<0.1	79	0.92	0.041
BS10-328	Soil	2.4	16.1	4.9	59	0.3	16.7	8.2	218	3.01	56.9	0.2	<0.5	0.5	30	0.5	1.3	<0.1	100	0.58	0.015
BS10-327	Soil	1.8	29.4	4.1	82	0.2	23.1	13.0	415	3.46	17.6	0.2	3.5	0.5	32	0.6	1.0	<0.1	111	0.62	0.017
BS10-326	Soil	2.0	57.4	6.3	55	0.5	34.9	13.6	346	3.65	25.6	0.4	2.2	0.7	49	0.5	1.3	0.1	102	1.00	0.024
BS10-325	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-324	Soil	2.1	35.0	4.4	52	0.4	27.6	12.3	529	2.89	17.1	0.4	1.6	0.3	56	0.3	1.3	<0.1	77	1.12	0.025
BS10-323	Soil	2.5	24.3	5.6	73	0.3	22.2	12.3	296	3.48	16.9	0.2	<0.5	0.6	28	0.6	1.4	0.1	112	0.48	0.022
BS10-322	Soil	2.2	24.4	5.2	72	0.3	23.0	11.9	272	3.31	17.1	0.2	<0.5	0.7	29	0.7	1.5	0.1	109	0.49	0.019
BS10-321	Soil	1.9	61.2	4.8	58	0.4	37.3	15.6	558	3.58	24.0	0.5	2.5	1.0	37	0.3	1.8	<0.1	93	0.76	0.027
BS10-320A	Soil	1.9	55.8	4.5	62	0.4	36.0	15.7	543	3.53	23.3	0.4	2.8	0.9	36	0.2	1.6	<0.1	99	0.81	0.025
BS10-320B	Soil	2.1	58.5	4.3	62	0.4	36.2	15.9	542	3.61	23.3	0.4	2.0	0.9	35	0.3	1.5	<0.1	95	0.77	0.024
BS10-319	Soil	2.0	33.8	3.6	63	0.1	27.8	12.2	319	3.18	16.7	0.2	<0.5	0.4	32	0.6	0.9	<0.1	110	0.61	0.018
BS10-318	Soil	3.0	27.5	4.9	140	0.5	26.3	16.1	374	4.37	21.1	0.2	<0.5	0.7	32	0.6	0.7	0.1	122	0.53	0.029
BS10-317	Soil	3.2	20.5	5.4	126	0.5	22.7	12.5	356	4.31	18.5	0.2	<0.5	0.6	32	0.7	0.8	0.1	133	0.48	0.029
BS10-316	Soil	2.3	49.5	13.0	68	<0.1	39.2	17.3	419	4.11	17.8	0.2	1.4	0.5	33	0.5	1.2	<0.1	118	0.59	0.039
BS10-315	Soil	2.5	45.1	4.5	70	<0.1	35.4	15.6	410	4.03	16.2	0.2	1.7	0.5	36	0.5	1.3	<0.1	122	0.61	0.040
BS10-314	Soil	2.3	67.5	4.7	113	0.5	44.8	23.4	510	4.45	30.4	0.3	2.8	0.9	27	0.9	1.3	<0.1	103	0.49	0.034
BS10-313	Soil	2.5	49.9	6.6	130	0.5	38.9	19.3	451	4.81	28.1	0.2	1.4	0.7	24	1.1	1.2	0.1	122	0.39	0.035
BS10-312	Soil	4.1	34.6	5.0	123	0.5	34.6	14.6	319	4.10	27.5	0.2	4.9	0.6	29	3.5	1.2	0.1	121	0.49	0.022
BS10-311	Soil	4.2	40.4	5.0	129	0.6	39.2	17.2	353	4.25	29.7	0.2	1.0	0.7	31	3.0	1.3	0.1	115	0.51	0.021
BS10-310	Soil	4.5	35.4	5.0	135	0.5	34.8	15.2	326	4.33	27.4	0.2	1.1	0.6	30	3.4	1.2	0.1	128	0.52	0.021
BS10-309	Soil	1.7	66.1	6.0	67	0.1	44.8	17.6	465	3.89	16.1	0.3	3.4	0.8	31	0.3	0.6	0.1	109	0.63	0.032
BS10-308	Soil	2.7	24.1	5.2	67	0.2	23.0	11.3	260	3.63	12.7	0.2	0.8	0.5	25	0.5	0.5	0.1	123	0.41	0.029
BS10-307	Soil	1.1	69.9	3.4	58	0.1	44.4	18.6	498	3.62	14.0	0.3	3.2	0.7	31	0.2	0.6	<0.1	104	0.68	0.029

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Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BS10-335	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-334	Soil	5	65	1.21	171	0.149	<20	2.22	0.014	0.06	<0.1	0.04	8.7	<0.1	<0.05	5	0.7	<0.2
BS10-333	Soil	5	53	0.83	235	0.092	<20	2.16	0.010	0.05	0.1	0.03	6.9	<0.1	<0.05	6	1.6	<0.2
BS10-332	Soil	3	53	0.93	175	0.157	<20	2.20	0.009	0.03	0.1	0.02	3.5	<0.1	<0.05	6	0.7	<0.2
BS10-331	Soil	6	55	0.76	149	0.102	<20	2.19	0.011	0.03	0.1	0.03	5.9	<0.1	<0.05	6	1.3	<0.2
BS10-330	Soil	5	45	0.89	135	0.087	<20	1.78	0.015	0.03	0.1	0.05	5.1	<0.1	<0.05	5	1.6	<0.2
BS10-329	Soil	5	49	0.99	121	0.099	<20	1.84	0.018	0.04	0.2	0.07	5.8	<0.1	<0.05	5	1.1	<0.2
BS10-328	Soil	3	37	0.61	85	0.099	<20	1.64	0.008	0.02	0.2	0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
BS10-327	Soil	3	45	0.90	173	0.094	<20	2.10	0.008	0.03	0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
BS10-326	Soil	6	54	0.90	133	0.109	<20	2.58	0.011	0.04	0.1	0.03	5.8	<0.1	<0.05	7	0.9	<0.2
BS10-325	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-324	Soil	3	47	1.05	127	0.097	<20	1.89	0.013	0.03	0.1	0.02	3.8	<0.1	<0.05	5	0.8	<0.2
BS10-323	Soil	4	46	0.71	73	0.121	<20	1.95	0.010	0.02	0.2	0.03	2.9	<0.1	<0.05	7	<0.5	<0.2
BS10-322	Soil	4	47	0.72	73	0.132	<20	2.02	0.010	0.02	0.2	0.03	3.3	<0.1	<0.05	7	<0.5	<0.2
BS10-321	Soil	6	57	1.27	108	0.153	<20	2.32	0.014	0.04	0.1	0.04	7.0	<0.1	<0.05	6	1.0	<0.2
BS10-320A	Soil	5	59	1.23	103	0.153	<20	2.32	0.016	0.04	0.1	0.04	7.0	<0.1	<0.05	6	1.0	<0.2
BS10-320B	Soil	5	59	1.21	102	0.144	<20	2.33	0.013	0.04	0.1	0.03	6.4	<0.1	<0.05	6	1.0	<0.2
BS10-319	Soil	3	45	0.89	89	0.122	<20	1.85	0.011	0.02	0.1	0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
BS10-318	Soil	4	50	0.91	68	0.133	<20	2.43	0.013	0.04	0.2	0.02	3.8	<0.1	<0.05	9	<0.5	<0.2
BS10-317	Soil	4	44	0.81	64	0.137	<20	2.14	0.012	0.04	0.1	0.02	3.3	<0.1	<0.05	9	<0.5	<0.2
BS10-316	Soil	3	59	1.22	117	0.124	<20	2.64	0.010	0.08	0.2	0.04	4.5	<0.1	<0.05	7	<0.5	<0.2
BS10-315	Soil	3	59	1.12	111	0.134	<20	2.53	0.010	0.08	0.2	0.03	4.2	<0.1	<0.05	7	<0.5	<0.2
BS10-314	Soil	4	58	1.15	116	0.131	<20	3.21	0.013	0.05	0.2	0.04	5.6	<0.1	<0.05	7	0.8	<0.2
BS10-313	Soil	4	53	1.06	102	0.124	<20	2.89	0.012	0.04	0.1	0.05	5.1	<0.1	<0.05	9	<0.5	0.2
BS10-312	Soil	3	56	0.87	120	0.121	<20	2.52	0.010	0.04	0.1	0.05	4.1	<0.1	<0.05	7	0.8	0.2
BS10-311	Soil	3	60	0.93	123	0.128	<20	2.66	0.012	0.03	<0.1	0.06	4.4	<0.1	<0.05	7	0.9	<0.2
BS10-310	Soil	3	58	0.84	117	0.122	<20	2.59	0.011	0.04	0.1	0.05	4.3	<0.1	<0.05	8	0.7	<0.2
BS10-309	Soil	4	70	1.23	106	0.152	<20	2.79	0.013	0.04	0.1	0.03	6.3	<0.1	<0.05	7	0.9	<0.2
BS10-308	Soil	3	45	0.65	79	0.107	<20	1.96	0.009	0.03	0.1	0.02	3.5	<0.1	<0.05	8	<0.5	<0.2
BS10-307	Soil	4	71	1.27	98	0.171	<20	2.77	0.012	0.04	<0.1	0.02	6.3	<0.1	<0.05	6	0.7	<0.2

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Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BS10-306	Soil	1.3	88.3	5.5	74	1.1	43.0	17.9	500	4.11	20.0	0.5	2.1	0.8	60	0.6	0.6	0.1	102	1.50	0.035
BS10-305	Soil	1.3	74.4	5.2	72	1.1	42.0	16.9	485	3.97	18.7	0.6	4.7	0.7	65	0.7	0.6	0.1	98	1.66	0.035
BS10-304	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-303	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-302	Soil	0.8	69.3	3.7	51	0.3	38.0	20.1	567	3.42	16.8	0.3	14.6	0.7	38	0.4	0.6	<0.1	100	0.84	0.013
BS10-301	Soil	0.8	55.7	3.1	44	0.4	34.5	17.8	414	3.14	12.8	0.3	2.4	0.6	38	0.4	0.5	<0.1	97	0.81	0.015
BS10-300A	Soil	1.0	64.9	3.6	49	0.3	38.9	19.5	474	3.38	14.2	0.3	2.0	0.7	36	0.3	0.6	<0.1	100	0.80	0.018
BS10-300B	Soil	0.9	70.0	3.1	49	0.4	38.7	19.2	522	3.31	13.6	0.3	5.6	0.7	39	0.3	0.6	<0.1	98	0.84	0.018
BS10-299	Soil	1.0	62.6	3.4	52	0.2	37.0	16.9	428	3.21	13.1	0.3	4.3	0.7	41	0.4	0.5	<0.1	94	0.85	0.017
BS10-298	Soil	0.9	78.9	3.6	53	0.2	40.5	15.9	512	3.41	13.5	0.4	2.7	0.8	47	0.2	0.7	<0.1	99	0.94	0.021
BS10-297	Soil	1.9	89.7	4.0	71	0.4	50.9	14.4	477	3.69	74.5	0.6	3.4	0.9	33	0.2	2.1	<0.1	89	0.77	0.042
BS10-296	Soil	2.5	76.5	4.7	110	0.2	40.0	14.0	497	3.75	35.3	0.4	2.7	0.5	42	0.4	2.1	<0.1	90	0.94	0.043
BS10-295	Soil	2.5	54.4	5.2	70	0.3	29.6	14.1	621	3.07	22.0	0.4	2.2	0.3	47	0.6	1.0	<0.1	88	1.02	0.039
BS10-294	Soil	1.6	63.0	7.6	83	0.2	38.2	16.1	465	4.28	30.6	0.3	1.9	0.6	24	0.6	1.1	<0.1	114	0.43	0.061
BS10-293	Soil	1.4	55.8	3.8	58	0.3	35.9	15.7	366	3.48	19.9	0.3	0.9	0.7	29	0.2	0.9	<0.1	96	0.54	0.029
BS10-292	Soil	2.4	43.3	4.4	57	0.1	30.1	12.7	350	4.03	28.8	0.2	0.6	0.5	35	0.4	1.1	<0.1	122	0.67	0.026
BS10-291	Soil	1.9	24.7	6.1	79	0.2	24.4	11.9	338	3.72	20.2	0.3	<0.5	0.4	33	0.8	0.8	<0.1	118	0.67	0.031
BS10-290	Soil	1.6	58.7	4.7	88	0.3	40.1	17.1	440	4.19	23.8	0.2	2.1	0.7	25	0.9	1.2	<0.1	103	0.46	0.041
BS10-289	Soil	1.9	43.4	4.7	73	0.3	34.9	14.2	394	4.45	25.5	0.2	1.6	0.6	33	0.8	1.1	<0.1	127	0.55	0.041
BS10-288	Soil	2.2	19.9	6.0	46	0.2	15.6	13.0	319	3.03	14.2	0.2	1.6	0.5	26	0.6	0.7	0.1	104	0.40	0.022
BS10-287	Soil	1.9	40.0	5.4	115	0.3	32.3	15.2	434	4.17	23.2	0.3	0.6	1.1	26	0.6	0.8	0.1	115	0.45	0.036
BS10-286	Soil	2.1	57.1	5.3	98	0.3	44.6	18.4	497	5.17	28.8	0.3	0.9	0.8	30	0.9	1.2	0.1	117	0.51	0.053
BS10-285	Soil	2.2	53.6	5.3	104	0.4	40.1	17.4	474	5.29	28.4	0.3	2.2	0.8	30	1.0	1.2	0.1	119	0.45	0.059
BS10-284	Soil	2.2	56.8	5.7	97	0.3	43.5	17.9	491	5.14	29.6	0.3	2.1	0.8	31	0.8	1.2	0.1	119	0.47	0.057
BS10-283	Soil	1.7	19.4	6.3	58	0.3	12.5	6.0	400	2.92	15.1	0.2	1.0	0.6	22	0.9	0.9	0.1	85	0.29	0.077
BS10-282	Soil	2.7	20.3	6.5	147	0.5	19.0	9.7	298	4.24	17.6	0.2	1.0	0.7	20	1.5	0.6	0.2	128	0.32	0.070
BS10-281	Soil	2.9	28.6	5.8	149	0.5	27.4	10.9	338	4.36	21.6	0.2	1.1	0.8	22	1.7	0.9	0.1	116	0.38	0.062
BS10-280A	Soil	1.9	35.3	5.5	102	0.2	31.8	15.2	444	4.54	22.8	0.2	3.6	0.6	24	0.6	0.6	0.2	129	0.45	0.050
BS10-280B	Soil	1.8	42.2	5.8	103	0.2	29.1	14.1	397	4.35	22.6	0.2	7.6	0.6	23	0.6	0.6	0.1	121	0.39	0.050
BS10-279	Soil	1.6	35.8	6.1	99	0.2	29.3	14.3	390	4.17	20.3	0.3	2.9	0.6	24	0.5	0.6	0.1	116	0.41	0.046

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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BS10-306	Soil	12	101	1.03	335	0.125	<20	3.13	0.015	0.04	0.2	0.09	11.4	<0.1	<0.05	7	1.5	<0.2
BS10-305	Soil	9	92	0.98	326	0.129	<20	3.04	0.016	0.04	0.1	0.08	9.8	<0.1	<0.05	7	1.9	<0.2
BS10-304	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-303	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-302	Soil	3	57	1.11	90	0.177	<20	2.23	0.017	0.03	0.1	0.04	5.8	<0.1	<0.05	5	0.7	<0.2
BS10-301	Soil	3	55	1.15	91	0.168	<20	2.27	0.016	0.03	0.1	0.04	5.3	<0.1	<0.05	5	0.6	<0.2
BS10-300A	Soil	3	62	1.13	111	0.186	<20	2.46	0.015	0.05	0.1	0.03	5.5	<0.1	<0.05	6	0.7	<0.2
BS10-300B	Soil	3	62	1.19	109	0.191	<20	2.38	0.015	0.05	0.2	0.02	5.9	<0.1	<0.05	5	0.8	<0.2
BS10-299	Soil	3	58	1.12	112	0.176	<20	2.28	0.015	0.04	0.1	0.03	5.3	<0.1	<0.05	6	0.5	<0.2
BS10-298	Soil	4	66	1.25	153	0.189	<20	2.42	0.018	0.05	0.1	0.02	6.9	<0.1	<0.05	6	0.9	<0.2
BS10-297	Soil	5	63	1.13	187	0.079	<20	2.69	0.016	0.05	<0.1	0.09	7.8	<0.1	<0.05	6	0.7	<0.2
BS10-296	Soil	3	60	1.16	151	0.080	<20	2.53	0.013	0.04	0.2	0.04	5.3	<0.1	<0.05	6	1.3	<0.2
BS10-295	Soil	5	53	0.98	115	0.071	<20	2.27	0.010	0.03	0.1	0.04	4.9	<0.1	<0.05	7	1.1	<0.2
BS10-294	Soil	3	62	1.17	117	0.125	<20	2.82	0.010	0.04	0.1	0.03	5.1	<0.1	<0.05	8	0.6	<0.2
BS10-293	Soil	4	54	1.07	88	0.122	<20	2.57	0.011	0.03	0.1	0.02	4.7	<0.1	<0.05	7	<0.5	<0.2
BS10-292	Soil	3	55	1.02	92	0.132	<20	2.35	0.011	0.03	0.1	0.02	4.2	<0.1	<0.05	8	0.6	<0.2
BS10-291	Soil	3	50	0.93	83	0.141	<20	2.18	0.010	0.03	<0.1	0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
BS10-290	Soil	3	60	1.13	93	0.133	<20	2.61	0.009	0.04	0.2	0.03	4.3	<0.1	<0.05	7	0.6	<0.2
BS10-289	Soil	3	60	1.05	91	0.149	<20	2.39	0.010	0.04	0.2	0.03	4.3	<0.1	<0.05	8	<0.5	<0.2
BS10-288	Soil	4	38	0.55	93	0.116	<20	1.61	0.010	0.02	0.1	0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
BS10-287	Soil	4	56	1.13	68	0.136	<20	2.53	0.009	0.04	0.1	0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
BS10-286	Soil	3	71	1.32	110	0.142	<20	3.27	0.010	0.05	0.1	0.05	5.3	<0.1	<0.05	7	0.7	<0.2
BS10-285	Soil	3	69	1.31	110	0.136	<20	3.22	0.010	0.05	0.2	0.04	4.9	<0.1	<0.05	8	<0.5	0.4
BS10-284	Soil	3	68	1.31	118	0.134	<20	3.25	0.010	0.05	0.2	0.04	5.0	<0.1	<0.05	8	<0.5	<0.2
BS10-283	Soil	4	24	0.26	138	0.067	<20	1.09	0.007	0.06	0.1	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
BS10-282	Soil	4	44	0.66	99	0.136	<20	1.79	0.007	0.04	0.2	0.03	2.8	<0.1	<0.05	9	<0.5	<0.2
BS10-281	Soil	3	50	0.79	103	0.133	<20	2.14	0.008	0.04	0.2	0.02	3.4	<0.1	<0.05	8	<0.5	<0.2
BS10-280A	Soil	3	52	0.78	130	0.133	<20	2.18	0.006	0.03	<0.1	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2
BS10-280B	Soil	3	49	0.80	125	0.128	<20	2.22	0.009	0.03	0.2	0.03	3.4	<0.1	<0.05	8	<0.5	<0.2
BS10-279	Soil	3	50	0.76	120	0.122	<20	2.18	0.008	0.03	0.1	0.02	3.3	<0.1	<0.05	8	0.6	<0.2

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Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BS10-278	Soil	1.8	65.0	4.5	60	0.2	43.0	19.6	425	4.35	23.6	0.3	13.3	0.7	29	0.5	0.9	0.1	120	0.55	0.030
BS10-277	Soil	1.7	60.0	4.1	60	0.2	41.4	18.3	412	4.22	24.9	0.3	7.4	0.7	30	0.5	0.9	0.1	116	0.54	0.028
BS10-276	Soil	3.3	64.0	5.0	83	0.2	41.8	17.8	528	4.64	64.7	0.3	1.2	0.7	26	0.3	1.8	0.1	115	0.43	0.034
BS10-275	Soil	3.6	59.7	5.6	88	0.2	42.1	18.5	581	4.65	64.9	0.3	2.0	0.8	26	0.4	1.7	0.1	121	0.45	0.033
BS10-274	Soil	1.2	35.1	4.4	80	0.1	32.4	14.9	435	3.71	23.2	0.4	1.8	1.0	47	0.5	0.5	0.1	97	0.97	0.018
BS10-273	Soil	1.1	23.9	5.2	68	0.3	27.3	12.1	299	3.58	17.4	0.6	1.3	0.6	55	0.7	0.6	0.1	94	1.14	0.019
BS10-272	Soil	1.2	35.2	3.3	50	0.2	31.7	14.4	381	3.26	22.0	0.3	1.6	0.7	36	0.6	0.7	<0.1	80	0.88	0.017
BS10-271	Soil	1.2	41.2	3.4	54	0.3	33.4	14.5	455	3.46	23.5	0.3	4.2	0.7	42	0.8	0.8	<0.1	86	0.95	0.018
BS10-270	Soil	1.6	33.4	4.3	59	0.3	29.8	15.2	380	3.81	20.1	0.4	2.7	0.7	44	0.4	0.4	0.1	110	0.94	0.014
BS10-269	Soil	1.8	36.5	5.2	55	0.3	30.8	15.2	375	3.76	20.3	0.4	2.4	0.7	46	0.3	0.5	0.1	107	0.91	0.014
BS10-268	Soil	0.9	68.2	3.2	44	0.2	37.1	17.6	609	3.53	18.2	0.4	2.7	1.1	46	0.2	0.5	<0.1	100	1.04	0.016
BS10-267	Soil	1.2	41.8	4.9	91	0.6	28.1	14.9	478	3.42	13.3	0.4	344.2	0.6	56	0.6	0.5	0.1	83	1.40	0.033
BS10-266	Soil	1.6	40.6	3.9	59	0.3	32.0	15.2	525	3.49	18.7	0.3	2.1	0.7	46	0.4	0.6	0.1	87	1.08	0.031
BS10-265	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-264	Soil	2.6	25.7	6.7	100	0.4	26.2	18.5	588	4.06	45.2	0.3	1.7	0.7	32	0.8	0.8	0.1	109	0.50	0.031
BS10-263	Soil	2.8	27.7	6.2	119	0.4	28.7	21.9	615	4.19	52.3	0.3	3.7	0.7	32	0.9	0.8	0.2	107	0.50	0.033
BS10-262	Soil	2.3	25.3	6.5	106	0.4	27.3	18.0	575	3.98	44.8	0.3	0.9	0.7	29	0.9	0.8	0.1	107	0.46	0.031
BS10-261	Soil	2.8	129.3	6.5	86	2.5	37.8	24.2	1025	3.67	28.3	1.6	9.5	0.3	82	1.4	1.6	0.1	83	1.84	0.083
BS10-260A	Soil	2.1	40.1	6.0	118	0.4	34.5	15.7	472	5.04	48.7	0.3	1.6	1.0	44	0.8	1.1	0.1	124	0.65	0.047
BS10-260B	Soil	2.1	43.6	5.8	116	0.5	32.1	14.9	452	4.92	47.5	0.3	1.5	0.9	43	0.8	1.0	0.2	119	0.62	0.049
BS10-259	Soil	2.1	41.0	5.9	107	0.4	31.7	15.5	459	4.70	49.1	0.3	4.2	1.0	42	0.9	1.1	0.1	114	0.64	0.048
BS10-258	Soil	1.6	32.7	5.3	147	0.2	32.6	17.1	441	4.35	22.1	0.3	1.3	0.7	26	1.0	0.8	0.1	109	0.44	0.072
BS10-257	Soil	1.6	25.4	5.5	138	0.2	27.3	14.2	417	4.40	21.0	0.2	1.6	0.6	24	1.0	0.7	0.1	111	0.45	0.074
BS10-256	Soil	2.3	73.1	4.5	78	<0.1	47.9	21.6	521	4.28	41.8	0.3	2.4	0.6	29	0.4	1.2	<0.1	101	0.51	0.033
BS10-255	Soil	1.5	15.1	8.0	81	0.1	18.1	7.8	265	3.69	17.2	0.2	3.0	0.4	27	0.7	0.6	0.1	113	0.43	0.043
BS10-254	Soil	2.3	41.3	5.4	81	0.2	34.1	14.7	423	4.16	25.0	0.3	2.8	0.8	32	0.3	0.8	0.1	114	0.56	0.038
BS10-253	Soil	2.1	39.7	4.9	82	0.2	32.8	15.1	400	4.15	24.8	0.3	1.8	0.8	30	0.4	0.8	0.1	111	0.53	0.038
BS10-252	Soil	1.4	13.8	6.0	51	0.2	15.4	7.3	254	2.80	11.9	0.2	2.0	0.4	24	0.5	0.6	0.1	107	0.37	0.043
BS10-251	Soil	1.6	47.6	5.5	56	0.3	33.9	13.9	345	4.25	19.1	0.2	2.5	0.5	29	0.4	0.7	0.1	131	0.50	0.042
BS10-250	Soil	1.3	17.3	9.3	45	0.2	19.2	8.2	241	3.30	12.4	0.2	2.0	0.4	24	0.4	0.6	0.1	124	0.42	0.055

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Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BS10-278	Soil	3	69	1.22	133	0.164	<20	3.16	0.011	0.04	0.2	0.02	4.9	<0.1	<0.05	7	0.8	<0.2
BS10-277	Soil	3	64	1.14	146	0.160	<20	2.85	0.012	0.03	0.2	0.02	4.9	<0.1	<0.05	7	<0.5	0.2
BS10-276	Soil	4	54	1.14	161	0.123	<20	2.77	0.013	0.05	0.1	0.02	5.0	<0.1	<0.05	8	0.9	<0.2
BS10-275	Soil	4	56	1.09	156	0.124	<20	2.70	0.013	0.05	0.1	0.03	5.0	<0.1	<0.05	8	0.7	<0.2
BS10-274	Soil	5	57	1.10	265	0.150	<20	2.45	0.017	0.04	0.1	0.01	6.0	<0.1	<0.05	6	0.5	<0.2
BS10-273	Soil	6	52	0.80	240	0.140	<20	2.23	0.012	0.03	0.2	0.03	4.9	<0.1	<0.05	6	1.1	<0.2
BS10-272	Soil	4	48	0.99	165	0.141	<20	2.26	0.015	0.03	0.1	0.02	4.6	<0.1	<0.05	5	0.6	<0.2
BS10-271	Soil	4	52	1.00	178	0.156	<20	2.33	0.016	0.03	0.1	0.02	5.6	<0.1	<0.05	5	1.1	0.2
BS10-270	Soil	4	55	0.99	121	0.170	<20	2.45	0.012	0.03	0.1	0.01	4.5	<0.1	<0.05	7	0.7	<0.2
BS10-269	Soil	4	55	0.96	129	0.164	<20	2.40	0.011	0.03	0.1	<0.01	4.5	<0.1	<0.05	7	<0.5	0.2
BS10-268	Soil	6	61	1.15	124	0.194	<20	2.30	0.020	0.04	0.1	0.03	8.5	<0.1	<0.05	6	0.7	<0.2
BS10-267	Soil	4	48	1.02	149	0.106	<20	1.99	0.014	0.03	<0.1	0.04	4.5	<0.1	<0.05	5	1.0	0.2
BS10-266	Soil	4	48	1.06	116	0.140	<20	1.95	0.018	0.03	<0.1	0.02	5.3	<0.1	<0.05	5	0.6	<0.2
BS10-265	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-264	Soil	4	71	0.93	121	0.112	<20	2.22	0.010	0.03	0.1	0.02	3.9	<0.1	<0.05	8	<0.5	0.2
BS10-263	Soil	5	73	1.02	133	0.112	<20	2.39	0.009	0.04	0.1	0.02	4.0	<0.1	<0.05	8	<0.5	<0.2
BS10-262	Soil	4	67	0.90	125	0.110	<20	2.19	0.010	0.04	0.1	0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
BS10-261	Soil	19	60	0.80	227	0.061	<20	3.11	0.012	0.04	0.2	0.23	7.1	<0.1	0.08	6	3.7	<0.2
BS10-260A	Soil	4	59	1.04	137	0.146	<20	2.63	0.009	0.05	0.2	0.03	4.2	<0.1	<0.05	8	<0.5	<0.2
BS10-260B	Soil	4	55	1.04	138	0.145	<20	2.71	0.011	0.04	0.2	0.04	4.2	<0.1	<0.05	8	<0.5	<0.2
BS10-259	Soil	4	55	1.09	124	0.141	<20	2.91	0.011	0.04	0.2	0.03	4.3	<0.1	<0.05	8	<0.5	<0.2
BS10-258	Soil	3	59	1.02	118	0.130	<20	2.76	0.008	0.04	0.1	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
BS10-257	Soil	3	55	0.88	106	0.132	<20	2.33	0.009	0.04	0.1	0.02	3.5	<0.1	<0.05	8	<0.5	0.2
BS10-256	Soil	3	63	1.36	110	0.128	<20	2.83	0.007	0.04	<0.1	0.02	5.0	<0.1	<0.05	6	0.8	<0.2
BS10-255	Soil	3	41	0.62	74	0.116	<20	1.73	0.008	0.03	0.1	0.02	2.8	<0.1	<0.05	8	<0.5	<0.2
BS10-254	Soil	4	55	1.09	81	0.136	<20	2.40	0.011	0.05	0.2	0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
BS10-253	Soil	4	52	1.09	77	0.132	<20	2.36	0.009	0.05	0.1	0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
BS10-252	Soil	3	33	0.55	80	0.103	<20	1.58	0.010	0.04	0.2	0.02	2.7	<0.1	<0.05	7	<0.5	<0.2
BS10-251	Soil	3	57	1.03	90	0.179	<20	2.33	0.012	0.04	0.2	0.02	3.8	<0.1	<0.05	8	0.5	0.2
BS10-250	Soil	3	38	0.65	57	0.154	<20	1.64	0.010	0.04	0.1	0.01	2.8	<0.1	<0.05	8	<0.5	<0.2

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Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BS10-249	Soil	1.9	40.0	4.5	61	0.2	35.6	14.8	394	4.41	20.5	0.3	1.8	0.5	29	0.3	0.7	0.1	131	0.53	0.049
BS10-248	Soil	2.5	27.6	5.8	75	0.3	23.7	12.1	417	4.60	32.2	0.2	0.8	0.5	20	0.4	0.9	0.1	140	0.32	0.075
BS10-247	Soil	1.8	73.8	4.5	74	0.1	40.4	16.9	520	3.67	33.3	0.3	3.3	0.8	31	0.2	0.9	0.1	101	0.56	0.039
BS10-246	Soil	1.9	53.7	5.0	82	0.2	34.8	15.3	450	3.68	28.5	0.3	2.7	0.7	30	0.4	0.7	0.1	107	0.52	0.030
BS10-245	Soil	2.3	30.7	6.2	102	0.6	18.8	11.0	309	3.35	33.7	0.3	1.3	0.6	27	0.6	1.1	0.2	97	0.39	0.045
BS10-244	Soil	1.4	31.4	4.1	46	0.2	26.6	10.7	288	3.09	16.3	0.2	0.6	0.3	45	0.4	0.7	<0.1	111	0.80	0.028
BS10-243	Soil	0.9	28.9	4.5	46	0.3	24.9	10.1	267	3.44	14.8	0.2	2.4	0.4	27	0.6	0.5	0.1	119	0.50	0.025
BS10-242	Soil	1.6	28.6	5.4	60	0.2	26.1	11.3	306	4.03	16.5	0.2	<0.5	0.4	25	0.6	0.5	0.1	122	0.44	0.038
BS10-241	Soil	1.6	33.6	5.4	66	0.2	28.4	12.4	325	4.13	17.1	0.2	<0.5	0.4	25	0.5	0.5	<0.1	119	0.43	0.036
BS10-240A	Soil	0.9	39.1	3.4	45	0.2	32.4	16.0	797	3.29	13.0	0.3	1.2	0.6	50	1.1	0.4	<0.1	96	1.10	0.013
BS10-240B	Soil	0.8	40.4	6.0	49	0.2	30.8	17.0	1301	3.34	12.7	0.3	2.0	0.6	54	1.7	0.4	<0.1	90	1.20	0.017
BS10-239	Soil	1.1	57.8	9.2	121	0.5	50.4	32.3	2688	5.20	14.2	0.4	<0.5	1.1	77	3.0	0.4	0.2	114	1.56	0.025
BS10-238	Soil	0.9	26.1	7.4	53	1.3	19.5	11.0	235	3.03	13.1	0.2	<0.5	0.5	54	0.9	0.4	0.1	97	1.17	0.013
BS10-237	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-236	Soil	1.6	81.7	7.4	58	0.5	32.6	14.6	495	3.70	32.1	0.9	3.7	0.3	60	0.5	1.2	0.1	91	1.40	0.045
BS10-235	Soil	1.7	79.5	4.2	62	0.5	31.5	16.1	517	3.92	33.9	0.8	2.5	0.4	57	0.4	1.2	0.1	88	1.25	0.042
BS10-234	Soil	0.9	35.9	4.0	52	0.2	28.7	14.2	395	3.07	10.5	0.3	7.0	0.7	43	0.6	0.4	<0.1	80	0.96	0.015
BS10-233	Soil	1.0	30.8	4.1	53	0.3	28.3	12.9	345	3.07	11.1	0.3	1.2	0.8	42	0.4	0.4	<0.1	82	0.94	0.014
BS10-232	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-231	Soil	0.7	39.7	7.5	125	0.7	29.2	13.0	458	2.74	11.9	1.2	4.2	0.8	56	0.3	0.9	0.1	67	1.24	0.101
BS10-230	Soil	1.0	36.5	6.3	117	0.6	29.1	12.7	493	2.84	13.2	1.3	8.9	0.8	60	0.3	0.8	0.2	67	1.30	0.102
BS10-229	Soil	1.0	35.7	6.6	122	0.6	27.9	12.4	530	2.88	16.5	1.3	6.2	0.9	60	0.3	0.9	0.2	69	1.26	0.107
BS10-228	Soil	1.3	38.3	6.5	108	0.7	25.8	12.2	701	2.79	20.2	1.6	2.3	0.7	66	0.4	1.1	0.2	65	1.54	0.118
BS10-227	Soil	2.6	33.8	4.2	48	0.4	27.4	13.5	670	2.63	13.9	0.6	1.4	0.3	69	0.4	1.0	0.1	63	1.57	0.039
BS10-226	Soil	0.5	44.9	4.7	64	0.2	30.5	11.4	322	2.37	15.0	1.5	4.2	0.5	67	0.2	0.6	<0.1	56	1.43	0.060
BS10-225	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-224	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-223	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-222	Soil	0.9	37.0	3.8	68	0.1	33.3	13.5	423	3.54	14.4	0.2	1.4	0.4	30	0.3	0.3	<0.1	109	0.57	0.028
BS10-221	Soil	0.8	36.1	3.7	69	0.1	32.7	12.9	428	3.51	14.3	0.2	1.2	0.3	30	0.3	0.4	<0.1	109	0.56	0.028

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Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BS10-249	Soil	3	59	1.15	97	0.162	<20	2.57	0.012	0.04	0.2	0.03	4.1	<0.1	<0.05	8	0.8	<0.2
BS10-248	Soil	3	43	0.72	87	0.098	<20	2.02	0.011	0.03	0.1	0.03	3.4	<0.1	<0.05	9	0.5	<0.2
BS10-247	Soil	4	59	1.19	100	0.130	<20	2.83	0.013	0.04	<0.1	0.03	5.3	0.1	<0.05	7	1.2	<0.2
BS10-246	Soil	4	57	1.11	86	0.129	<20	2.79	0.014	0.03	0.1	0.02	4.8	<0.1	<0.05	8	<0.5	<0.2
BS10-245	Soil	6	31	0.59	92	0.079	<20	1.83	0.011	0.04	0.1	0.03	3.3	<0.1	<0.05	8	0.5	<0.2
BS10-244	Soil	2	50	0.88	89	0.154	<20	1.96	0.013	0.03	0.1	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2
BS10-243	Soil	2	51	0.83	49	0.167	<20	2.15	0.011	0.03	0.2	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
BS10-242	Soil	2	54	0.86	56	0.181	<20	2.29	0.010	0.03	0.2	0.02	3.4	<0.1	<0.05	8	0.8	0.3
BS10-241	Soil	2	58	0.94	60	0.178	<20	2.43	0.012	0.03	0.2	0.03	3.6	<0.1	<0.05	8	0.7	<0.2
BS10-240A	Soil	3	57	1.11	184	0.166	<20	2.40	0.018	0.03	0.1	0.02	5.1	<0.1	<0.05	6	1.1	0.2
BS10-240B	Soil	4	54	1.02	205	0.150	<20	2.37	0.017	0.03	<0.1	0.03	5.3	<0.1	<0.05	6	0.9	<0.2
BS10-239	Soil	7	87	1.21	357	0.157	<20	3.65	0.023	0.05	<0.1	0.05	7.2	<0.1	<0.05	8	1.2	<0.2
BS10-238	Soil	3	33	0.68	76	0.123	<20	1.80	0.013	0.07	0.1	0.01	2.9	<0.1	<0.05	6	0.6	<0.2
BS10-237	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-236	Soil	6	50	1.00	83	0.094	<20	2.24	0.022	0.03	0.1	0.08	6.1	<0.1	0.05	6	1.7	<0.2
BS10-235	Soil	6	48	1.03	83	0.095	<20	2.17	0.020	0.04	0.1	0.07	6.1	<0.1	<0.05	6	1.5	<0.2
BS10-234	Soil	5	45	0.94	138	0.166	<20	2.17	0.017	0.03	0.1	0.03	4.4	<0.1	<0.05	5	0.9	<0.2
BS10-233	Soil	5	45	0.98	132	0.172	<20	2.21	0.018	0.03	0.2	0.02	4.6	<0.1	<0.05	6	0.8	<0.2
BS10-232	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-231	Soil	9	94	1.15	185	0.084	<20	2.20	0.022	0.04	<0.1	0.11	5.5	<0.1	0.05	6	1.7	<0.2
BS10-230	Soil	9	90	1.17	179	0.083	<20	2.26	0.022	0.05	0.1	0.11	5.4	<0.1	<0.05	6	1.4	<0.2
BS10-229	Soil	10	95	1.14	187	0.079	<20	2.28	0.023	0.05	0.1	0.12	5.1	<0.1	0.06	6	1.4	<0.2
BS10-228	Soil	10	91	1.06	196	0.067	<20	2.13	0.022	0.05	<0.1	0.14	4.3	<0.1	0.08	6	2.1	<0.2
BS10-227	Soil	4	43	0.92	153	0.102	<20	1.66	0.017	0.04	<0.1	0.05	3.4	<0.1	0.06	5	1.4	<0.2
BS10-226	Soil	5	76	1.04	169	0.086	<20	1.97	0.019	0.03	<0.1	0.10	6.1	<0.1	0.08	5	4.5	<0.2
BS10-225	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-224	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-223	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-222	Soil	3	59	1.23	73	0.164	<20	2.53	0.014	0.03	0.1	<0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
BS10-221	Soil	3	58	1.17	75	0.165	<20	2.44	0.013	0.03	<0.1	<0.01	4.0	<0.1	<0.05	7	<0.5	<0.2

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Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BS10-220A	Soil	1.5	28.8	4.5	63	0.2	24.2	9.9	281	3.55	13.0	0.2	0.7	0.4	28	0.6	0.5	<0.1	126	0.44	0.032
BS10-220B	Soil	1.7	45.2	4.7	78	0.2	33.7	13.8	378	4.05	16.7	0.2	2.2	0.5	31	0.6	0.6	0.1	127	0.50	0.035
BS10-219	Soil	1.9	23.2	4.6	68	0.4	24.6	10.8	317	4.01	16.5	0.2	1.3	0.5	23	0.6	0.6	0.1	121	0.36	0.070
BS10-218	Soil	1.4	40.7	3.9	74	0.2	30.2	14.3	324	3.58	17.6	0.2	2.8	0.6	27	0.9	0.7	0.1	97	0.44	0.061
BS10-217	Soil	1.5	13.4	6.1	59	0.2	13.4	6.6	216	3.57	11.9	0.2	5.6	0.4	25	0.8	0.5	0.2	134	0.38	0.096
BS10-216	Soil	1.4	44.0	3.9	93	0.2	38.8	17.9	376	3.81	18.3	0.3	2.0	1.0	24	0.3	0.6	0.1	94	0.41	0.047
BS10-215	Soil	1.2	43.4	4.2	103	0.2	32.5	17.0	373	3.52	15.9	0.3	3.0	1.0	26	0.5	0.5	0.1	94	0.49	0.044
BS10-214	Soil	1.0	34.2	3.5	63	0.2	30.5	12.0	369	3.23	13.1	0.2	<0.5	0.4	29	0.4	0.4	<0.1	98	0.50	0.026
BS10-213	Soil	1.0	40.6	3.7	74	0.2	35.6	14.9	439	3.70	15.7	0.2	1.1	0.4	24	0.4	0.4	0.1	110	0.54	0.027
BS10-212	Soil	1.7	27.9	4.3	72	0.3	26.4	13.3	329	3.87	16.5	0.2	1.5	0.4	23	1.3	0.5	0.1	125	0.51	0.055
BS10-211	Soil	1.5	27.3	4.3	71	0.2	25.7	12.7	305	3.65	15.2	0.2	1.8	0.4	22	1.3	0.5	0.1	121	0.50	0.044
BS10-210	Soil	1.0	76.9	8.3	67	0.4	47.1	18.8	639	3.80	20.3	0.4	3.6	0.5	29	0.2	0.6	<0.1	99	0.73	0.022
BS10-209	Soil	1.0	73.0	3.3	67	0.3	49.2	19.1	628	3.81	20.0	0.3	3.1	0.5	28	0.2	0.6	<0.1	99	0.70	0.021
BS10-208	Soil	0.7	59.1	3.3	48	0.1	34.4	16.2	543	3.25	14.5	0.4	3.0	0.6	31	0.2	0.4	<0.1	94	0.92	0.014
BS10-207	Soil	0.9	96.4	3.6	61	0.3	48.1	21.7	711	4.59	20.0	0.5	2.3	0.6	35	0.4	0.5	<0.1	117	1.06	0.021
BS10-206	Soil	2.5	47.3	4.0	82	0.4	30.6	19.2	840	4.29	25.6	0.6	2.7	0.6	44	0.5	0.5	0.1	104	1.13	0.024
BS10-205	Soil	2.3	46.4	4.5	74	0.3	30.1	18.5	766	4.05	22.7	0.5	1.8	0.6	43	0.4	0.5	0.1	100	1.10	0.023
BS10-204	Soil	2.3	40.5	4.6	69	0.3	32.0	18.6	742	4.09	24.1	0.5	2.8	0.7	42	0.3	0.5	0.1	103	1.09	0.024
BS10-203	Soil	2.6	44.4	4.7	71	0.3	31.0	18.6	829	4.15	26.3	0.6	3.3	0.7	46	0.4	0.6	0.1	101	1.19	0.026
BS10-202	Soil	1.0	62.5	2.6	45	0.1	34.4	15.1	483	3.18	15.4	0.3	8.9	0.6	41	0.2	0.7	<0.1	85	1.04	0.023
BS10-201	Soil	1.1	55.9	2.7	48	0.1	33.0	15.1	489	3.16	15.2	0.3	2.0	0.6	46	0.2	0.7	<0.1	85	1.09	0.021
BS10-200A	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-200B	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-199	Soil	2.0	17.1	9.9	63	0.1	17.7	9.3	239	3.85	8.9	0.2	2.1	0.5	25	0.4	0.5	0.1	143	0.46	0.020
BS10-194	Soil	2.5	66.4	4.8	84	0.2	53.1	20.4	483	4.12	44.6	0.3	2.5	0.8	24	0.4	2.0	<0.1	101	0.42	0.034
BS10-193	Soil	2.2	33.6	4.4	115	0.3	38.2	16.7	469	4.55	30.1	0.2	8.0	0.5	22	1.4	1.1	<0.1	122	0.41	0.096
BS10-192	Soil	2.4	51.0	4.7	90	0.3	37.3	15.1	447	3.88	42.0	0.3	6.2	0.5	30	0.9	1.6	<0.1	111	0.55	0.023
BS10-191	Soil	10.7	42.5	4.5	64	0.3	33.1	16.7	728	5.92	111.6	0.6	1.3	0.5	50	0.8	2.0	<0.1	89	1.18	0.067
BS10-190	Soil	11.7	39.8	4.5	64	0.2	27.7	14.6	613	6.86	302.6	1.1	4.8	0.3	70	0.3	3.0	<0.1	119	1.55	0.063
BS10-189	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BS10-220A	Soil	2	50	0.85	68	0.165	<20	2.06	0.012	0.03	0.2	0.02	3.5	<0.1	<0.05	8	<0.5	<0.2
BS10-220B	Soil	3	60	1.19	96	0.168	<20	2.78	0.014	0.03	0.2	0.02	4.4	<0.1	<0.05	8	0.5	<0.2
BS10-219	Soil	2	50	0.90	52	0.154	<20	2.13	0.010	0.04	0.2	0.03	3.2	<0.1	<0.05	8	0.5	<0.2
BS10-218	Soil	2	55	0.88	48	0.133	<20	2.58	0.011	0.03	0.1	0.02	3.6	<0.1	<0.05	6	0.5	<0.2
BS10-217	Soil	3	39	0.54	67	0.183	<20	1.48	0.010	0.03	0.2	0.02	2.4	<0.1	<0.05	9	0.5	<0.2
BS10-216	Soil	4	61	1.09	81	0.144	<20	2.73	0.011	0.04	0.2	0.03	4.3	<0.1	<0.05	7	0.5	<0.2
BS10-215	Soil	4	61	1.02	65	0.156	<20	2.66	0.014	0.04	0.1	0.03	4.5	<0.1	<0.05	7	<0.5	<0.2
BS10-214	Soil	3	53	1.07	60	0.145	<20	2.24	0.011	0.03	<0.1	0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
BS10-213	Soil	3	63	1.24	74	0.141	<20	2.57	0.013	0.04	0.1	0.01	4.3	<0.1	<0.05	7	<0.5	<0.2
BS10-212	Soil	2	53	0.92	67	0.134	<20	2.15	0.011	0.04	0.2	0.02	3.4	<0.1	<0.05	8	0.6	<0.2
BS10-211	Soil	3	51	0.90	68	0.133	<20	2.04	0.010	0.04	0.2	0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
BS10-210	Soil	5	79	1.40	106	0.116	<20	2.96	0.016	0.04	0.1	0.04	6.5	<0.1	<0.05	7	<0.5	<0.2
BS10-209	Soil	5	82	1.44	100	0.121	<20	2.95	0.016	0.04	0.1	0.04	6.3	<0.1	<0.05	7	<0.5	<0.2
BS10-208	Soil	4	66	1.27	81	0.156	<20	2.23	0.018	0.03	0.1	0.03	6.7	<0.1	<0.05	6	<0.5	<0.2
BS10-207	Soil	5	87	1.51	127	0.134	<20	3.23	0.019	0.05	0.1	0.05	9.3	<0.1	<0.05	8	0.8	<0.2
BS10-206	Soil	4	75	1.14	115	0.117	<20	2.30	0.021	0.05	0.2	0.04	5.5	<0.1	<0.05	6	1.3	<0.2
BS10-205	Soil	4	72	1.14	107	0.125	<20	2.18	0.024	0.05	0.1	0.04	5.5	<0.1	<0.05	6	1.0	<0.2
BS10-204	Soil	4	73	1.20	110	0.135	<20	2.27	0.027	0.05	0.2	0.03	6.0	<0.1	<0.05	7	1.1	<0.2
BS10-203	Soil	4	75	1.16	112	0.127	<20	2.21	0.024	0.05	0.2	0.03	6.0	<0.1	<0.05	6	1.2	<0.2
BS10-202	Soil	4	50	1.11	111	0.135	<20	1.94	0.025	0.04	0.1	0.02	5.9	<0.1	<0.05	5	0.6	<0.2
BS10-201	Soil	3	48	1.13	127	0.136	<20	2.01	0.022	0.03	0.1	0.03	5.2	<0.1	<0.05	5	1.0	<0.2
BS10-200A	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-200B	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-199	Soil	3	48	0.65	87	0.214	<20	1.75	0.011	0.03	<0.1	0.02	2.5	<0.1	<0.05	9	<0.5	<0.2
BS10-194	Soil	3	67	1.31	139	0.109	<20	2.67	0.015	0.04	0.2	0.04	4.8	<0.1	<0.05	6	1.0	<0.2
BS10-193	Soil	3	64	1.18	86	0.117	<20	2.62	0.010	0.04	0.2	0.03	3.9	<0.1	<0.05	8	0.6	<0.2
BS10-192	Soil	4	58	1.10	149	0.091	<20	2.32	0.017	0.03	0.1	0.04	4.9	<0.1	<0.05	7	0.6	<0.2
BS10-191	Soil	4	53	1.19	203	0.059	<20	2.02	0.015	0.04	0.1	0.06	5.4	<0.1	<0.05	6	2.0	<0.2
BS10-190	Soil	5	77	0.92	184	0.061	<20	1.78	0.017	0.04	0.2	0.07	4.7	<0.1	0.05	5	5.9	0.4
BS10-189	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BS10-188	Soil	1.1	79.1	5.0	83	0.4	36.0	14.2	547	2.85	20.8	1.5	5.5	0.4	98	0.5	1.0	0.1	71	2.07	0.112
BS10-187	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-186	Soil	2.0	83.4	4.3	54	0.8	32.3	13.5	820	2.52	26.5	1.9	3.8	0.2	104	0.7	1.2	0.1	67	2.29	0.110
BS10-185	Soil	1.9	51.1	4.0	67	0.2	33.5	16.0	359	3.90	23.9	0.3	6.0	0.7	28	0.4	0.7	0.1	113	0.56	0.023
BS10-184	Soil	1.7	52.4	4.1	68	0.2	34.3	16.3	372	3.78	23.0	0.3	4.1	0.7	29	0.4	0.8	0.1	112	0.59	0.023
BS10-183	Soil	1.6	47.1	4.4	93	0.2	36.0	15.8	411	4.08	19.4	0.3	2.5	0.6	29	0.6	0.6	0.1	123	0.57	0.041
BS10-182	Soil	1.8	61.5	4.0	80	0.1	43.2	17.6	435	4.36	25.8	0.3	3.1	0.7	27	0.4	0.9	0.1	116	0.56	0.040
BS10-181	Soil	2.5	57.7	7.2	83	0.4	40.4	44.7	1426	4.80	26.5	0.4	3.2	0.4	40	0.6	0.6	0.1	138	0.92	0.045
BS10-180A	Soil	3.1	116.5	6.9	114	0.7	66.0	40.9	2146	7.02	43.5	0.7	2.8	0.6	40	0.9	0.8	0.2	167	1.01	0.076
BS10-180B	Soil	3.1	105.2	6.9	109	0.6	62.6	40.4	1968	6.71	41.4	0.6	2.2	0.6	37	0.8	0.7	0.2	161	0.95	0.070
BS10-179	Soil	2.0	18.5	3.8	59	0.3	18.3	8.5	257	2.67	16.0	0.2	1.0	0.4	23	0.4	0.5	<0.1	106	0.52	0.027
BS10-178	Soil	0.9	40.7	2.9	55	<0.1	34.8	15.8	526	3.37	13.7	0.3	4.8	0.6	36	0.2	0.3	<0.1	102	0.88	0.016
BS10-177	Soil	1.9	155.8	4.2	64	1.1	48.1	20.9	1049	3.95	28.6	1.1	3.6	0.3	55	0.7	0.7	0.1	106	1.67	0.081
BS10-176	Soil	2.4	31.9	3.0	63	0.1	30.1	16.8	549	3.92	25.1	0.3	1.4	0.3	34	0.3	0.5	0.1	113	0.99	0.029
BS10-175	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-174	Soil	1.5	32.7	3.8	69	0.2	27.1	12.9	390	3.16	12.0	0.4	48.8	0.4	44	0.5	0.4	<0.1	99	1.10	0.020
BS10-173	Soil	2.3	65.4	4.7	65	0.3	39.3	16.9	388	4.37	27.7	0.2	2.9	0.6	33	0.5	0.8	0.1	138	0.63	0.019
BS10-172	Soil	2.2	70.2	4.5	64	0.3	38.4	16.8	393	4.39	28.2	0.3	2.3	0.6	33	0.5	0.8	<0.1	139	0.66	0.022
BS10-171	Soil	1.8	76.0	4.2	83	0.7	41.5	17.8	419	4.15	20.8	0.6	4.7	0.6	40	0.3	0.6	0.1	110	1.06	0.027
BS10-170	Soil	1.8	97.7	4.4	78	1.1	43.8	17.0	425	3.97	20.4	0.8	7.5	0.6	41	0.4	0.7	0.1	91	1.41	0.037
BS10-169	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-168	Soil	1.3	50.5	2.5	50	0.1	33.2	16.4	475	2.88	16.5	0.7	1.5	0.5	43	0.2	0.8	<0.1	80	1.14	0.028
BS10-167	Soil	2.9	30.9	4.7	137	0.2	25.1	21.5	511	4.27	20.2	0.3	1.5	0.6	26	0.4	0.6	0.1	117	0.67	0.029
BS10-166	Soil	3.4	20.3	5.0	50	0.1	13.9	7.1	146	2.62	12.7	0.1	<0.5	0.4	15	0.4	0.8	0.1	112	0.27	0.017
BS10-157	Soil	1.8	37.0	4.4	61	0.3	29.7	11.0	363	2.83	22.3	0.3	3.3	0.5	17	0.2	0.8	<0.1	77	0.42	0.029
BS10-156	Soil	2.3	23.6	4.9	107	0.2	28.8	11.5	400	3.93	27.6	0.2	0.6	0.4	16	1.2	1.0	<0.1	114	0.34	0.042
BS10-155	Soil	1.7	31.1	4.3	66	0.1	32.1	13.7	504	3.62	23.7	0.1	2.6	0.5	21	0.5	0.8	0.1	111	0.41	0.037
BS10-154	Soil	1.6	49.3	4.7	92	0.2	42.4	17.4	547	3.97	18.8	0.2	11.8	0.6	27	0.4	0.5	<0.1	113	0.51	0.035
BS10-153	Soil	1.4	35.3	4.9	116	0.2	33.0	15.9	536	4.39	17.4	0.2	<0.5	0.6	18	0.8	0.5	0.1	125	0.43	0.060
BS10-152	Soil	2.2	50.2	6.6	75	0.4	27.7	21.2	784	3.95	17.1	0.3	5.7	0.8	26	0.5	0.4	0.1	107	0.49	0.030

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Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BS10-188	Soil	6	90	1.17	256	0.069	<20	2.41	0.022	0.04	<0.1	0.15	7.2	<0.1	0.18	6	6.6	<0.2
BS10-187	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-186	Soil	7	67	0.96	188	0.056	<20	2.05	0.020	0.04	0.1	0.13	4.2	<0.1	0.13	6	5.2	<0.2
BS10-185	Soil	4	57	1.04	74	0.147	<20	2.37	0.014	0.04	0.2	0.02	4.6	<0.1	<0.05	7	<0.5	<0.2
BS10-184	Soil	4	58	1.06	72	0.146	<20	2.36	0.015	0.04	0.2	0.02	4.8	<0.1	<0.05	7	0.6	<0.2
BS10-183	Soil	4	61	1.20	89	0.146	<20	2.67	0.017	0.03	0.2	0.02	4.7	<0.1	<0.05	9	<0.5	<0.2
BS10-182	Soil	3	67	1.27	93	0.142	<20	2.85	0.015	0.04	0.2	0.02	5.1	<0.1	<0.05	8	<0.5	<0.2
BS10-181	Soil	6	69	1.20	123	0.108	<20	2.95	0.015	0.04	0.2	0.05	5.4	<0.1	<0.05	9	0.8	<0.2
BS10-180A	Soil	8	120	1.43	175	0.101	<20	5.08	0.017	0.06	0.2	0.06	9.2	0.1	<0.05	12	1.1	<0.2
BS10-180B	Soil	7	113	1.36	168	0.107	<20	4.67	0.018	0.06	0.1	0.04	8.6	0.1	<0.05	12	1.1	<0.2
BS10-179	Soil	3	36	0.72	76	0.109	<20	1.70	0.009	0.03	0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2
BS10-178	Soil	3	61	1.35	90	0.188	<20	2.49	0.023	0.04	0.1	0.02	5.3	<0.1	<0.05	7	<0.5	<0.2
BS10-177	Soil	10	79	1.24	149	0.086	<20	2.88	0.018	0.06	0.1	0.13	8.7	<0.1	<0.05	7	1.7	<0.2
BS10-176	Soil	3	61	1.18	92	0.121	<20	2.35	0.016	0.04	0.1	0.02	4.5	<0.1	<0.05	8	1.0	<0.2
BS10-175	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-174	Soil	3	53	1.11	88	0.128	<20	2.21	0.017	0.03	0.2	0.02	4.5	<0.1	<0.05	7	<0.5	<0.2
BS10-173	Soil	3	62	1.17	81	0.138	<20	2.70	0.015	0.04	0.1	0.02	5.3	<0.1	<0.05	8	0.6	<0.2
BS10-172	Soil	3	63	1.14	79	0.139	<20	2.66	0.015	0.04	0.2	0.02	5.6	<0.1	<0.05	8	<0.5	<0.2
BS10-171	Soil	5	66	1.08	114	0.128	<20	2.86	0.020	0.05	0.2	0.05	7.0	<0.1	<0.05	7	0.8	<0.2
BS10-170	Soil	7	62	1.02	127	0.083	<20	2.72	0.012	0.05	0.2	0.07	7.0	<0.1	0.06	7	1.7	<0.2
BS10-169	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-168	Soil	3	67	1.17	118	0.104	<20	2.06	0.022	0.03	0.2	0.01	4.2	<0.1	<0.05	5	1.0	<0.2
BS10-167	Soil	3	53	0.98	103	0.116	<20	2.34	0.010	0.05	0.2	0.02	3.0	<0.1	<0.05	8	0.9	<0.2
BS10-166	Soil	3	27	0.47	77	0.101	<20	1.28	0.007	0.03	0.1	0.02	2.0	<0.1	<0.05	7	<0.5	0.4
BS10-157	Soil	4	39	1.12	93	0.064	<20	1.89	0.007	0.03	0.1	0.05	3.4	<0.1	<0.05	7	<0.5	<0.2
BS10-156	Soil	2	50	0.87	69	0.073	<20	1.96	0.007	0.03	0.2	0.02	2.7	<0.1	<0.05	7	0.5	0.2
BS10-155	Soil	3	56	1.13	97	0.108	<20	2.02	0.008	0.05	0.2	<0.01	3.2	<0.1	<0.05	8	0.6	<0.2
BS10-154	Soil	3	65	1.35	91	0.128	<20	2.42	0.010	0.04	0.2	<0.01	3.7	<0.1	<0.05	8	0.5	0.2
BS10-153	Soil	3	61	1.14	86	0.122	<20	2.42	0.007	0.04	0.2	<0.01	3.6	<0.1	<0.05	10	<0.5	0.2
BS10-152	Soil	5	54	0.84	89	0.089	<20	2.24	0.009	0.03	0.1	0.03	3.8	<0.1	<0.05	8	<0.5	<0.2

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Project: Besshi 2010
Report Date: October 04, 2010

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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BS10-151	Soil	2.0	32.4	5.3	63	0.4	28.7	12.0	327	3.67	20.9	0.2	10.1	0.6	22	0.6	0.8	0.1	114	0.40	0.028
BS10-150	Soil	2.1	28.7	6.9	73	0.3	26.6	13.2	325	3.14	15.0	0.4	1.5	0.6	33	0.3	0.5	<0.1	90	0.69	0.018
BS10-149	Soil	4.2	50.6	4.2	66	0.3	29.7	16.9	814	3.32	27.2	0.8	1.4	0.2	68	0.5	0.9	<0.1	84	1.77	0.051
BS10-148	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-147	Soil	4.8	70.6	3.8	56	0.4	38.5	20.2	846	4.22	22.7	1.2	1.8	0.5	59	0.5	0.9	0.1	98	1.50	0.047
BS10-146	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-145	Soil	2.2	64.1	3.4	58	0.3	40.4	14.9	590	3.41	20.4	0.9	5.7	0.6	53	0.3	0.9	0.1	89	1.35	0.030
BS10-144	Soil	2.6	43.2	4.4	76	0.3	39.3	17.8	431	4.05	20.8	0.2	4.3	0.5	30	0.4	0.7	<0.1	117	0.59	0.019
BS10-143	Soil	2.7	57.3	4.1	128	0.3	42.0	20.7	535	3.97	18.8	0.3	2.2	0.9	23	0.6	0.7	<0.1	112	0.50	0.037
BS10-142	Soil	2.7	28.0	4.6	77	0.2	26.6	11.7	299	3.77	15.8	0.2	1.8	0.6	23	0.4	0.5	<0.1	120	0.47	0.018
BS10-141	Soil	2.2	68.4	3.6	55	0.4	35.2	16.5	1008	3.20	28.7	0.9	4.9	0.4	65	0.6	0.7	<0.1	80	1.65	0.056
BS10-140A	Soil	1.7	47.1	3.2	64	0.2	33.9	16.3	991	3.27	22.3	0.4	0.9	0.4	42	0.5	0.6	<0.1	88	1.22	0.041
BS10-140B	Soil	2.6	61.2	6.9	69	0.3	36.3	17.0	1403	3.42	27.9	0.6	2.3	0.7	59	0.6	0.8	<0.1	91	1.54	0.046
BS10-139	Soil	2.9	32.8	6.1	193	0.5	32.8	14.3	927	4.77	49.2	0.2	1.7	0.6	19	1.1	1.9	0.1	137	0.30	0.048
BS10-138	Soil	2.1	54.3	5.0	124	0.2	46.7	19.4	545	4.40	29.3	0.3	2.2	0.9	28	0.6	0.8	<0.1	112	0.50	0.033
BS10-137	Soil	3.0	32.1	5.0	166	0.2	34.1	15.5	392	4.45	41.0	0.2	3.4	0.6	16	0.7	1.1	<0.1	121	0.32	0.029

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1107-1251 Cardero St.
Vancouver BC V5Y 1T8 Canada

Project: Besshi 2010
Report Date: October 04, 2010

CERTIFICATE OF ANALYSIS VAN10004579.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BS10-151	Soil	3	49	0.88	64	0.105	<20	1.98	0.008	0.04	0.2	0.02	3.0	<0.1	<0.05	8	0.5	0.8
BS10-150	Soil	4	47	0.86	72	0.089	<20	2.14	0.008	0.02	0.1	0.01	3.3	<0.1	<0.05	7	1.2	<0.2
BS10-149	Soil	3	54	0.95	147	0.060	<20	1.91	0.012	0.03	0.1	0.05	3.4	<0.1	0.05	5	2.1	<0.2
BS10-148	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-147	Soil	4	71	1.28	121	0.080	<20	2.09	0.014	0.04	<0.1	0.06	5.4	<0.1	<0.05	6	1.9	<0.2
BS10-146	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
BS10-145	Soil	4	56	1.13	121	0.105	<20	2.04	0.016	0.04	0.2	0.08	5.0	<0.1	<0.05	6	1.2	<0.2
BS10-144	Soil	3	58	1.22	103	0.103	<20	2.64	0.009	0.04	0.1	0.02	3.9	<0.1	<0.05	8	0.6	<0.2
BS10-143	Soil	4	62	1.14	91	0.127	<20	2.73	0.009	0.06	0.2	0.05	4.5	<0.1	<0.05	8	0.8	<0.2
BS10-142	Soil	3	50	0.88	71	0.120	<20	2.12	0.008	0.04	0.2	0.04	3.0	<0.1	<0.05	8	<0.5	<0.2
BS10-141	Soil	5	56	1.17	158	0.072	<20	2.06	0.016	0.04	<0.1	0.08	4.7	<0.1	<0.05	6	2.7	<0.2
BS10-140A	Soil	3	52	1.23	118	0.104	<20	2.00	0.015	0.04	0.2	0.06	4.2	<0.1	<0.05	6	1.6	<0.2
BS10-140B	Soil	4	55	1.16	140	0.085	<20	1.99	0.014	0.04	0.1	0.08	4.7	<0.1	<0.05	6	2.7	<0.2
BS10-139	Soil	3	53	0.86	379	0.086	<20	2.08	0.007	0.04	0.2	0.03	3.2	<0.1	<0.05	9	0.5	<0.2
BS10-138	Soil	4	73	1.39	124	0.116	<20	2.75	0.011	0.05	0.1	0.02	4.5	<0.1	<0.05	8	0.7	<0.2
BS10-137	Soil	3	55	0.91	109	0.078	<20	2.44	0.006	0.04	0.1	0.02	3.2	<0.1	<0.05	8	<0.5	<0.2

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Project: Besshi 2010
Report Date: October 04, 2010

QUALITY CONTROL REPORT VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
BS10-342	Soil	2.2	44.5	3.6	74	0.2	34.5	18.3	495	3.91	57.0	0.3	14.5	0.7	28	0.6	1.6	<0.1	103	0.65	0.022
REP BS10-342	QC	2.4	43.7	3.5	76	0.2	35.8	17.3	489	3.95	57.1	0.3	1.4	0.7	25	0.7	1.5	<0.1	95	0.59	0.022
BS10-340A	Soil	1.8	33.0	4.9	102	0.7	34.5	17.1	772	3.65	45.5	0.7	1.6	0.9	48	1.6	1.2	0.1	88	1.04	0.020
REP BS10-340A	QC	1.9	31.9	4.9	103	0.7	32.5	17.1	746	3.55	44.9	0.7	2.9	0.8	48	1.7	1.3	0.1	88	1.06	0.020
BS10-318	Soil	3.0	27.5	4.9	140	0.5	26.3	16.1	374	4.37	21.1	0.2	<0.5	0.7	32	0.6	0.7	0.1	122	0.53	0.029
REP BS10-318	QC	2.9	27.7	5.3	133	0.5	27.3	16.6	383	4.45	21.2	0.2	<0.5	0.7	33	0.6	0.8	0.1	122	0.54	0.030
BS10-270	Soil	1.6	33.4	4.3	59	0.3	29.8	15.2	380	3.81	20.1	0.4	2.7	0.7	44	0.4	0.4	0.1	110	0.94	0.014
REP BS10-270	QC	1.6	37.3	4.5	59	0.3	31.8	16.2	382	3.87	20.5	0.4	3.2	0.7	44	0.4	0.4	0.1	108	0.88	0.016
BS10-231	Soil	0.7	39.7	7.5	125	0.7	29.2	13.0	458	2.74	11.9	1.2	4.2	0.8	56	0.3	0.9	0.1	67	1.24	0.101
REP BS10-231	QC	0.9	38.9	6.5	122	0.7	28.9	12.6	440	2.68	11.5	1.2	6.0	0.8	55	0.3	0.9	0.2	66	1.25	0.103
BS10-174	Soil	1.5	32.7	3.8	69	0.2	27.1	12.9	390	3.16	12.0	0.4	48.8	0.4	44	0.5	0.4	<0.1	99	1.10	0.020
REP BS10-174	QC	1.5	32.1	3.7	67	0.2	27.4	12.4	383	3.07	11.8	0.4	0.7	0.4	43	0.5	0.3	<0.1	98	1.10	0.020
BS10-167	Soil	2.9	30.9	4.7	137	0.2	25.1	21.5	511	4.27	20.2	0.3	1.5	0.6	26	0.4	0.6	0.1	117	0.67	0.029
REP BS10-167	QC	2.8	28.7	5.1	136	0.2	27.3	19.9	491	4.07	19.3	0.3	0.6	0.5	26	0.4	0.6	0.1	112	0.66	0.029
Reference Materials																					
STD DS7	Standard	20.1	100.4	69.8	378	0.9	55.3	9.0	576	2.16	51.5	4.7	52.0	4.4	71	6.7	4.7	4.3	83	0.93	0.076
STD DS7	Standard	19.9	106.4	69.0	394	1.1	53.4	8.7	568	2.20	50.3	4.6	79.6	3.8	66	6.5	5.3	4.6	80	0.88	0.075
STD DS7	Standard	21.4	106.4	72.8	406	0.9	56.2	9.2	628	2.39	50.8	4.6	57.1	4.4	76	6.2	4.8	4.5	85	0.98	0.084
STD DS7	Standard	22.1	107.8	71.3	430	1.2	59.0	8.9	590	2.33	49.8	5.0	60.9	4.3	59	6.1	4.0	4.3	84	0.91	0.079
STD DS7	Standard	20.6	100.1	69.3	387	1.0	52.8	9.2	629	2.40	49.3	4.3	53.9	4.2	67	5.7	4.0	4.0	80	0.92	0.079
STD DS7	Standard	21.8	104.3	72.5	400	0.9	55.3	9.0	643	2.37	53.8	5.2	53.6	5.2	76	6.5	4.6	4.9	83	0.94	0.081
STD DS7	Standard	22.0	115.0	62.5	409	1.0	55.7	9.5	631	2.44	56.5	4.6	59.2	4.5	70	6.1	4.8	4.3	86	0.97	0.083
STD OREAS45PA	Standard	0.9	582.6	18.3	114	0.3	275.3	100.9	1058	15.67	4.8	1.2	45.5	6.4	13	0.1	0.1	0.2	201	0.22	0.032
STD OREAS45PA	Standard	0.9	552.4	18.0	109	0.3	256.1	97.3	1009	14.75	4.3	1.1	50.1	6.3	13	<0.1	0.1	0.2	188	0.22	0.032
STD OREAS45PA	Standard	0.8	547.7	18.0	108	0.3	257.4	98.4	983	15.16	4.2	1.2	46.0	6.3	14	0.1	<0.1	0.2	190	0.21	0.032
STD OREAS45PA	Standard	1.0	554.3	18.1	109	0.3	259.6	97.8	1055	15.99	4.2	1.1	45.3	6.0	12	0.1	0.2	0.1	203	0.22	0.031
STD OREAS45PA	Standard	0.8	574.7	17.9	106	0.3	265.4	103.0	1058	16.36	4.6	1.0	46.9	6.4	12	<0.1	0.1	0.1	203	0.23	0.035
STD OREAS45PA	Standard	0.8	586.5	19.6	115	0.3	280.9	99.5	1059	15.64	4.1	1.3	44.5	7.0	15	<0.1	0.1	0.2	205	0.22	0.034

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Project: Besshi 2010
Report Date: October 04, 2010

QUALITY CONTROL REPORT VAN10004579.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
BS10-342	Soil	3	54	1.07	119	0.103	<20	2.54	0.013	0.05	0.1	0.02	5.5	<0.1	<0.05	7	0.6	<0.2
REP BS10-342	QC	3	50	1.05	110	0.103	<20	2.48	0.013	0.04	0.2	0.01	5.1	<0.1	<0.05	6	<0.5	<0.2
BS10-340A	Soil	5	55	1.07	173	0.139	<20	2.30	0.012	0.04	0.1	0.05	5.3	<0.1	<0.05	6	1.5	<0.2
REP BS10-340A	QC	5	54	1.05	171	0.143	<20	2.23	0.011	0.04	0.1	0.04	5.2	<0.1	<0.05	6	1.4	<0.2
BS10-318	Soil	4	50	0.91	68	0.133	<20	2.43	0.013	0.04	0.2	0.02	3.8	<0.1	<0.05	9	<0.5	<0.2
REP BS10-318	QC	4	50	0.90	76	0.137	<20	2.51	0.011	0.04	0.1	0.02	3.9	<0.1	<0.05	9	<0.5	<0.2
BS10-270	Soil	4	55	0.99	121	0.170	<20	2.45	0.012	0.03	0.1	0.01	4.5	<0.1	<0.05	7	0.7	<0.2
REP BS10-270	QC	4	55	1.05	122	0.164	<20	2.45	0.013	0.03	0.1	0.01	4.3	<0.1	<0.05	7	0.8	<0.2
BS10-231	Soil	9	94	1.15	185	0.084	<20	2.20	0.022	0.04	<0.1	0.11	5.5	<0.1	0.05	6	1.7	<0.2
REP BS10-231	QC	9	91	1.16	173	0.078	<20	2.23	0.021	0.05	<0.1	0.12	5.4	<0.1	0.06	6	1.1	<0.2
BS10-174	Soil	3	53	1.11	88	0.128	<20	2.21	0.017	0.03	0.2	0.02	4.5	<0.1	<0.05	7	<0.5	<0.2
REP BS10-174	QC	3	53	1.09	89	0.125	<20	2.21	0.018	0.03	0.1	0.02	4.3	<0.1	<0.05	7	0.7	<0.2
BS10-167	Soil	3	53	0.98	103	0.116	<20	2.34	0.010	0.05	0.2	0.02	3.0	<0.1	<0.05	8	0.9	<0.2
REP BS10-167	QC	3	50	0.96	99	0.109	<20	2.36	0.010	0.05	0.1	0.02	2.8	<0.1	<0.05	8	1.1	<0.2
Reference Materials																		
STD DS7	Standard	12	184	0.98	381	0.110	29	0.94	0.090	0.39	3.0	0.20	2.3	3.9	0.18	4	3.6	1.6
STD DS7	Standard	11	167	0.97	389	0.105	40	0.90	0.083	0.40	3.4	0.20	2.2	4.2	0.19	4	3.4	1.5
STD DS7	Standard	12	187	1.06	410	0.132	39	1.03	0.100	0.48	3.2	0.21	2.4	4.1	0.23	5	3.3	0.8
STD DS7	Standard	12	182	1.06	392	0.093	32	0.96	0.091	0.42	3.7	0.23	1.9	4.4	0.21	5	4.0	1.9
STD DS7	Standard	12	184	1.02	400	0.102	40	1.02	0.100	0.47	3.3	0.21	2.9	4.4	0.16	5	2.8	0.3
STD DS7	Standard	13	182	1.01	412	0.123	29	1.00	0.098	0.46	3.3	0.22	2.2	4.1	0.18	5	2.8	0.5
STD DS7	Standard	12	199	1.08	410	0.110	36	1.00	0.098	0.46	3.6	0.23	2.3	4.3	0.18	5	3.4	1.6
STD OREAS45PA	Standard	15	750	0.11	171	0.128	<20	3.17	0.011	0.07	<0.1	0.03	40.1	<0.1	<0.05	16	0.8	<0.2
STD OREAS45PA	Standard	15	695	0.10	171	0.115	<20	2.84	0.011	0.07	<0.1	0.02	38.2	<0.1	<0.05	16	<0.5	<0.2
STD OREAS45PA	Standard	15	699	0.11	175	0.126	<20	3.23	0.012	0.07	<0.1	0.02	37.9	<0.1	<0.05	16	0.8	<0.2
STD OREAS45PA	Standard	15	888	0.09	179	0.109	<20	3.11	0.008	0.07	<0.1	0.02	34.0	<0.1	<0.05	16	0.6	<0.2
STD OREAS45PA	Standard	14	951	0.09	175	0.113	<20	3.43	0.011	0.08	<0.1	0.02	42.8	<0.1	<0.05	16	0.7	<0.2
STD OREAS45PA	Standard	16	743	0.10	173	0.135	<20	3.13	0.010	0.07	<0.1	0.03	39.4	<0.1	<0.05	17	<0.5	<0.2

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Project: Besshi 2010
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QUALITY CONTROL REPORT VAN10004579.1

		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Mo	**Cu**	**Pb**	**Zn**	**Ag**	**Ni**	**Co**	**Mn**	**Fe**	**As**	**U**	**Au**	**Th**	**Sr**	**Cd**	**Sb**	**Bi**	**V**	**Ca**	**P**
		ppm	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**ppm**	**ppm**	**ppb**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**%**	**%**
		0.1	**0.1**	**0.1**	**1**	**0.1**	**0.1**	**0.1**	**1**	**0.01**	**0.5**	**0.1**	**0.5**	**0.1**	**1**	**0.1**	**0.1**	**0.1**	**2**	**0.01**	**0.001**
STD OREAS45PA	Standard	1.0	588.6	17.1	115	0.3	271.5	102.6	1066	16.42	5.4	1.1	53.2	5.9	13	<0.1	0.1	0.2	222	0.23	0.033
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
STD OREAS45PA Expected		0.9	600	19	119	0.3	281	104	1130	16.559	4.2	1.2	43	6	14	0.09	0.13	0.18	221	0.2411	0.034
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

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Vancouver BC V5Y 1T8 Canada

Project: Besshi 2010
Report Date: October 04, 2010

QUALITY CONTROL REPORT VAN10004579.1

		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OREAS45PA	Standard	15	846	0.10	186	0.123	<20	3.20	0.012	0.07	<0.1	0.03	37.6	<0.1	<0.05	18	0.8	<0.2
STD DS7 Expected		12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08
STD OREAS45PA Expected		16.2	873	0.095	187	0.124		3.34	0.011	0.0665	0.011	0.03	43	0.07	0.03	16.8	0.54	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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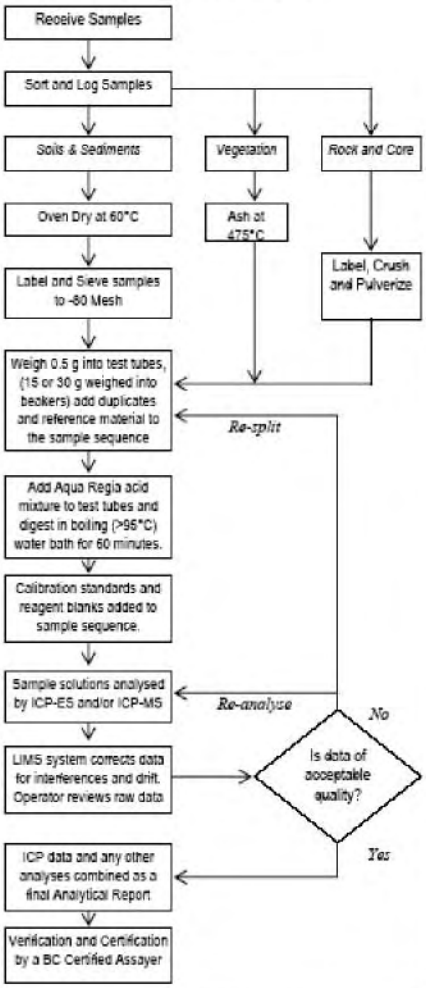
AcmeLabs ACME ANALYTICAL LABORATORIES LTD.

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE
GROUP 1D & 1DX – ICP & ICP-MS ANALYSIS – AQUA REGIA

Analytical Process



Comments

Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-180 µm). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 70% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 85% passing 200 mesh (75 µm) in a mild-steel ring-and-puck mill. Pulp splits of 0.5 g are weighed into test tubes, 15 and 30 g splits are weighed into beakers.

Sample Digestion

A modified Aqua Regia solution of equal parts concentrated ACS grade HCl and HNO_3 and de-mineralised H_2O is added to each sample to leach for one hour in a heating block or hot water bath (>95°C). After cooling the solution is made up to final volume with 5% HCl. Sample weight to solution volume is 1 g per 20 mL.

Sample Analysis

Group 1D: solutions aspirated into a Spectro Ciros Vision or Varian 735 emission spectrometer are analysed for 30 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Group 1DX: solutions aspirated into a Perkin Elmer Elan 6000/9000 ICP mass spectrometer are analysed for 36 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, *Ga*, *Hg*, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, *S*, Sb, *Sc*, *Se*, *Tl*, Sr, Th, Ti, U, V, W, Zn.

Quality Control and Data Verification

QA/QC protocol incorporates a sample-prep blank (G-1) as the first sample in the job which is carried through all stages of preparation to analysis. An Analytical Batch comprises 36 client samples and incorporates a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), a reagent blank to measure background and aliquots of in-house Reference Material like STD DS7. Data undergoes a final verification by a British Columbia Certified Assayer who then validates results before it is released to the client.

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Group 1D_1DX version1.6 Revision Date: May 6, 2009

Besshi Project
Statement of Expenditures
2010 Work

Statement of Expenditures for 2010 Program				
Labour-Contract	**Rate**		**Number of Units**	**Cost**
Ben Vallee Lead Soil Sampler	$ 450.00	**Sept 5 to Sep 11**	7	$3,150.00
Josh Began Soil Sampler	$ 450.00	**Sept 5 to Sep 11**	7	$3,150.00
Derrick Strickland Geologist	$ 550.00	**Sept 5 to Sept 8**	3	$1,650.00
Atv Rental	$ 900.00	**Weekly Rental**	1	$900.00
Hand held Rental	$22.00		7	$154.00
Sat Phone Rental	$11.00		7	$ 77.00
Truck Rental	$ 120.00		7	$840.00
Food and Lodging	$50.00		16	$4,350.00
Field Supplies/Fuel				$589.00
Assays Soils DXF1			204	$3,792.00
Assessment Reports and maps				$3,000.00
Sub Total				$ 21,652.00
Administration 5%				$ 1,082.60
Field Program Expenses				$ 22,734.60