Kennecott Canada Exploration Inc.

1997 GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL, AND DIAMOND DRILLING ASSESSMENT REPORT on the IRISHMAN CREEK OPTION

Statement of Work Event Numbers:
3114497, 3114507, 3114512, 3114516, 3114521, and 3114525

NTS SHEET: 082F/01E, 082F/08E and 082G/05W

Fort Steele and Nelson Mining Divisions, British Columbia

- Prepared by: -
Kennecott Canada Exploration Inc.
354 - 200 Granville Street
Vancouver, British Columbia, Canada V6C 1S4
Phone: (604) 669-1880
Fax: (604) 669-5255

- Author -
Steven Coombes, P.Geo.

- Date of report -
May 29, 1998

File: 97irishman-asst-rpt.doc

- CONTENTS -

Page No.

- LIST OF FIGURES -

- LIST OF APPENDICES -

1.0 INTRODUCTION

1.1 Project Description

The Irishman Creek claims were staked between 1994 and 1997 by Sedex Mining Corp. to cover lower and middle Aldridge Formation stratigraphy considered prospective for "Sullivan–type" zinc-lead mineralization. Kennecott Canada Exploration Inc. optioned the claims in early 1997 and conducted an exploration program of soil sampling, stream sediment sampling, geological mapping, gravity geophysical surveying, diamond drilling, borehole magnetic susceptibility, induction conductivity, and natural gamma geophysical logging, and a UTEM geophysical survey. This report documents the work performed and summarizes the results.

1.2 Location, Access, and Physiography

The project area encompasses 6,740 hectares at the Moyie River-Kid Creek-Irishman Creek divide in southeastern British Columbia. The claims are centred at geographic coordinates 49° 16' north latitude by 116° 05' west longitude on NTS map sheets 082F/01, 082F/08 and 082G/05 (Figure 1).

Road access to the property is excellent with logging roads up Moyie River and its tributaries; Ridgeway and Lewis creeks. Access to the eastern side of the property is via logging roads up Lamb Creek and the south part of the property can be reached via logging roads up Kid Creek. The closest community is Cranbrook, about 35 kilometres by gravel and paved roads northeast of the property.

The project area lies within the Moyie Range at the southern end of the Purcell Mountains, a sub-range of the Columbia Mountains of British Columbia. Topography is moderate with broad glacier formed valleys and steep sided, round-topped hills with local north facing cirques. Elevations range from 1,100 metres in the Irishman Creek valley to 2,340 metres on a peak southwest of Payday Lake. A thin layer of glacial till covers most of the property. Tree line is at about 2,000 metres.

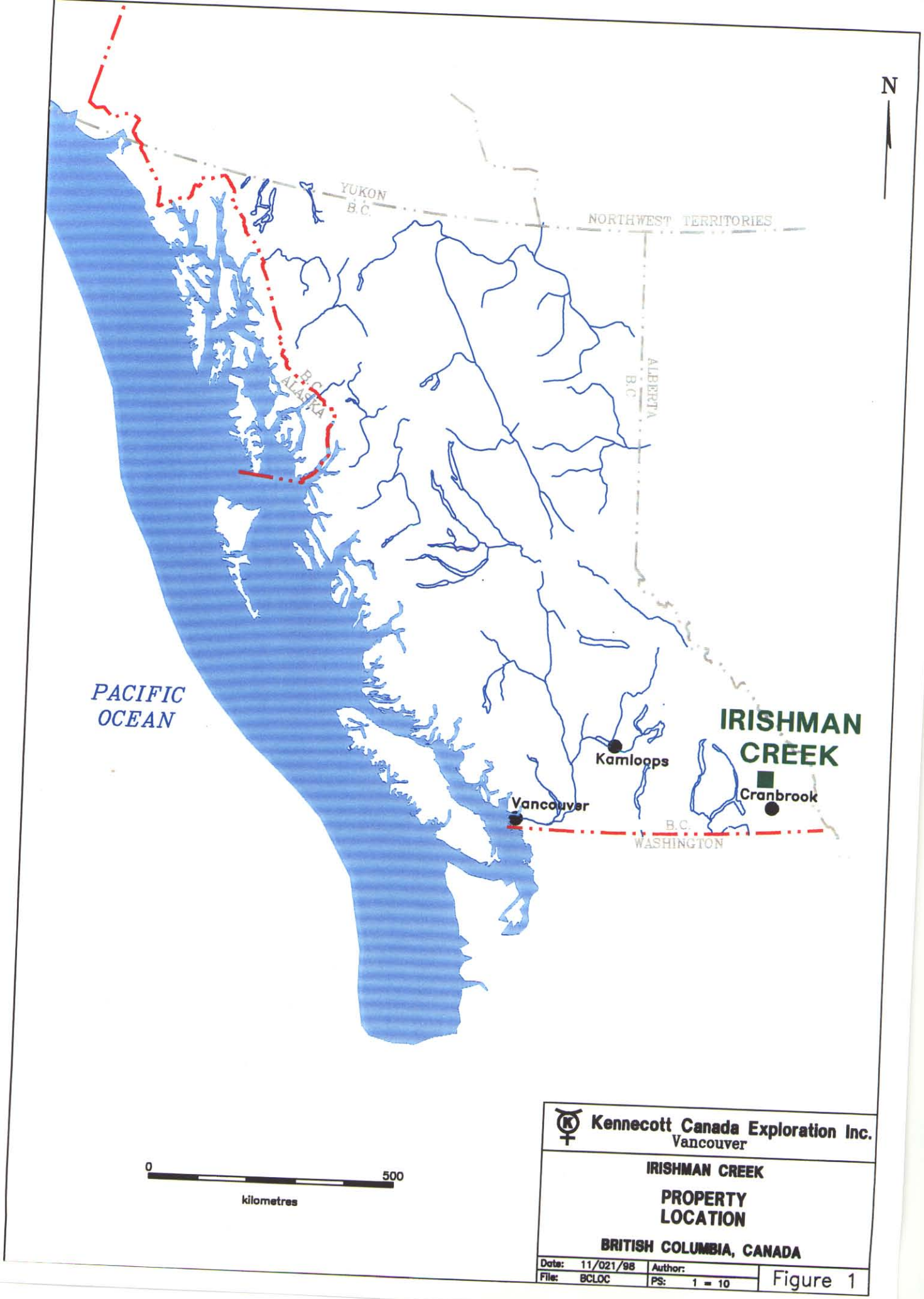
The climate is continental and is characterized by low to moderate precipitation and a wide temperature range. Temperatures range from about -30°C in the winter to over 30°C in the summer months. The field season for most of the project area is from late May to late October although snow cover in the higher regions can last well into June.

1.3 Claim Status

The Irishman Creek property consists of 64 two-post mineral claims and 19 modified grid mineral claims comprising 408 units that encompass 6,740 hectares (Figure 2). Kennecott Canada Exploration Inc. owns the claims under option from Sedex Mining Corp. A full list of the claims is attached as Appendix I.

1.4 Exploration History

Mineral exploration in the region began with placer gold mining on Wildhorse River beginning in the mid-1860's. Activity focused on placer gold deposits until the late 1800's when lead



Kennecott Canada Exploration Inc.
Vancouver

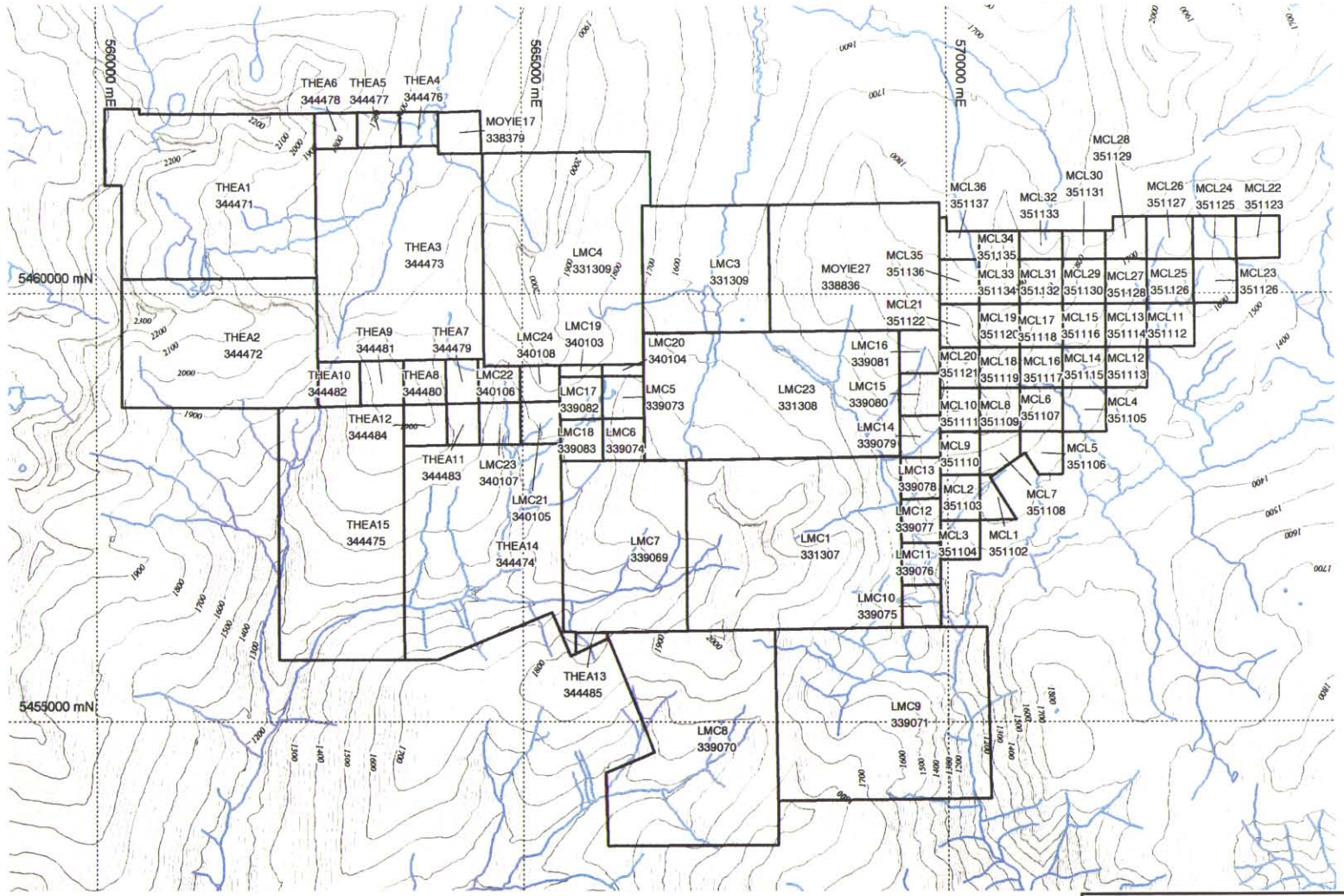
IRISHMAN CREEK

PROPERTY LOCATION

BRITISH COLUMBIA, CANADA

Date:	11/021/98	Author:	
File:	BCLOC	PS:	1 = 10

Figure 1



KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

IRISHMAN CREEK

CLAIM MAP

BRITISH COLUMBIA, CANADA

Date: 13/02/98	Author: SC	NTS: 82 F
File: irishman_claims_assessment_march98.wor		Figure 2

deposits at St. Eugene and Sullivan were discovered. The region has been actively explored, primarily for lead and zinc, ever since.

The project area has seen little documented exploration in recent years. Government assessment reports indicate exploration programs by Cominco during the 1970's and 1980's. A hole drilled by Cominco in 1980 (L80-1) is on the northern boundary of the claims.

Work by Sedex Mining Corp./Kennecott Canada Exploration Inc. in 1996 consisted of reconnaissance mapping, prospecting, a gravity survey, an airborne magnetics survey, and soil, rock and stream sediment sampling.

2.0 REGIONAL GEOLOGY (after Franklin, 1996)

The region falls within the easternmost physiographic belt of the Canadian Cordillera, the Foreland fold and thrust belt. All strata are allochthonous and are thought to have been transported northeastward by low angle thrust faults on the order of 120 km from their original site of deposition. The dominant regional structural feature is the northward plunging Purcell Anticlinorium, which extends from northwestern Montana into southeastern British Columbia. The Anticlinorium is cored by Aldridge Formation strata and flanked by younger Proterozoic strata. A broad northeast trending structural zone cuts the northern portion of the Anticlinorium and marks a conspicuous change in the structural grain to the north. The Irishman Creek property lies along the western flank of the Purcell Anticlinorium and just north of the southern part of the northeast trending structural zone (Figure 3).

Rocks within the region have undergone several tectonic-thermal events. These include an early compressive event known as the East Kootenay Orogeny (approx. 1350 MA), an extensional event known as the Goat River Orogeny (approx. 800 MA), a later compressional event known as the Laramide Orogeny (approx. 100-60 MA), and recent extension. All of the Proterozoic rocks on the property have undergone greenschist facies rank regional metamorphism above the garnet and biotite isograds, presumably during the East Kootenay Orogeny.

The Irishman Creek property is underlain by strata belonging to the Proterozoic Aldridge Formation, part of the Purcell Supergroup. These rocks comprise a mafic sill-turbidite complex that was deposited in a rapidly subsiding intracontinental rift basin. Strata consists dominantly of turbidite packages ranging from thick-bedded quartzite-silty quartzite sequences to thin-bedded silty quartzite-siltite sequences. Intermittent laminite packages occur throughout the sequence which consist of alternating dark and light banded units to thinly laminated dark gray to black argillite-siltite packages. Nearly all of these laminite units contain strongly disseminated to laminated pyrite and/or pyrrhotite. The Aldridge Formation has been subdivided into three members, the lower, middle, and upper Aldridge. The lower Aldridge is composed of thin-bedded dark gray to black pyrrhotitic siltites (distal turbidites) with thick intercalations of mafic sills. The base of this member is not exposed and therefore its thickness is unknown. The middle Aldridge is characterized by medium to thick-bedded quartzites, silty quartzites, and siltites (medial to proximal turbidites) with fewer and generally thinner intercalated mafic sills. The unit averages a little more than 2 km in thickness. The upper Aldridge consists of thin-bedded dark gray to black siltites and is similar in appearance to the Lower Aldridge but lacking the thick sills. This unit averages about 500 m in thickness.

The most significant mineral deposit in the region is the world class Sullivan mine owned by Cominco Ltd. at Kimberley, B.C., 40 kilometres north of the Irishman Creek property. The Sullivan contained an estimated 170 million tonnes grading 5.5% zinc, 5.8% lead and 59 g/T silver. The Sullivan is a stratiform deposit hosted by siltstone and argillite of the lower Aldridge Formation immediately below the contact with the middle Aldridge formation. Sullivan is interpreted to be a sedimentary exhalitive (sedex) deposit formed in a fault-controlled sub-basin. The lower-middle Aldridge contact ("LMC") is commonly anomalous in zinc and lead and has been the focus of most zinc-lead exploration in the region.

3.0 1997 EXPLORATION PROGRAM

The 1997 exploration program on the Irishman Creek property was conducted between June 15, 1997 and November 30, 1997 in conjunction with work at the adjacent Lewis Creek property. Work consisted of 1:10,000 scale geological mapping, soil sampling, stream sediment sampling, a gravity survey, 2,438.4 metres of diamond drilling, bore hole geophysical logging and a UTEM survey. Exploration was supervised by Steven Coombes, P.Geo., senior geologist for Kennecott Canada Exploration Inc. Geological fieldwork was by Martine Bedard, Toby Pierce, and James Ryley; all contract geologists. Andrew Cole, project geophysicist for Kennecott Canada Exploration Inc., supervised geophysical fieldwork. Field assistance was by seasonal workers Dan Hay, Kenji Jackson, Steve Ker, Alex Raymont, Chris Roach, and Carolyn Sroda. The diamond drilling was contracted to Lone Ranger Drilling of Lumby, B.C. The gravity survey was conducted by Quadra Surveys of Richmond, B.C. Downhole geophysical logging was by Komex International Ltd. of Calgary, Alberta and the UTEM survey was by SJ Geophysics Ltd. of Delta, B.C. Currier Contracting of Cranbrook, B.C, supplied heavy equipment for road rehabilitation and drill site preparation.

The total cost of exploration being applied for assessment purposes is $475,000.00.

3.1 Geological Mapping

Geological mapping was done at 1:10,000 scale in conjunction with the soil sampling and in areas with good outcrop exposure as determined from air photos. Mapping results are plotted at 1:10,000 scale on Figure 5 and compiled on Figure 4 at 1:20,000 scale.

3.2 Geochemical Surveys

One hundred sixty three (163) soil samples were collected by Kennecott over 1996 gravity anomalies; an additional six hundred eighty (680) samples were collected by Sedex Mining Corp. along selected contour lines (Figure 6). Sample descriptions for the Kennecott samples are attached as Appendix III. The Sedex samples were not described in the field so no descriptions are available. Chemex Labs of North Vancouver, B.C. analyzed the Kennecott samples using 32 element I.C.P. techniques. Sedex samples were analyzed by Bondar Clegg Labs of Vancouver, B.C. by 34 element I.C.P. techniques. Soil sample results for all samples are attached as appendix IV.

Four (4) stream sediment samples were collected from the Irishman Creek drainage (Figure 6). The samples were analyzed by Chemex Labs using 32 element I.C.P. plus gold. Sample descriptions are attached in appendix V. Results are attached in appendix VI.

3.3 Diamond Drilling

Three diamond drill holes were completed for a total of 2,438.4 metres. The hole locations are shown on Figures 4 and 5. All holes were descriptively logged in detail and the logs were later converted to a format suitable for digital logging software and statistical analysis. Drill logs are attached as appendices VII to IX. Drill hole details are as follows:

Hole	Depth	Collar Dip	Collar Azimuth
K97-02	762.0 m	-90°	000°
K97-03	762.0 m	-70°	170°
K97-04	914.4 m	-55°	172°

A total of five hundred eight (508) core samples were submitted to Chemex Labs for 32 element I.C.P. analysis (± gold) and whole rock analysis. The bulk of the samples were from hole K97-03 which was analyzed by 32 element ICP over its entire length, with the exception of the major gabbro intersections. The sample positions and results are attached as appendix X.

Seventeen (17) core samples were submitted to Vancouver Petrographics Ltd. of Langley, B.C. for thin and polished section preparation. Dr. Craig Leitch of Vancouver Petrographics then prepared the petrographic reports attached as appendix XI.

3.4 Geophysical Surveys

The gravity survey consisted of eighty seven (87) stations to provide in-fill data to better define anomalies identified in a 1996 gravity survey and to detail the area around drill holes K97-03 and K97-04. Station locations are shown on Figure 7. Equipment specifications and raw data are attached as Appendix XII.

Bore hole geophysical logging was done on holes K97-02 and K97-03. Hole K97-03 was logged for magnetic susceptibility, induction conductivity, and natural gamma. Hole K97-02 was only logged for magnetic susceptibility and natural gamma because of an equipment failure. Survey specifications and detailed results are attached as appendix XIII.

Hole K97-03 was also surveyed by UTEM using five loops and a surface line. Survey specifications and detailed results are attached as appendix XIV.

4.0 EXPLORATION RESULTS

4.1 Geological Mapping Results

Rock Types

Rocks exposed on the property include medial and proximal turbidite packages of the lower and middle Aldridge Formation. Lithologies range from thick bedded coarse-grained clean quartzites fining upward into medium grained silty quartzites, to thin bedded silty quartzites grading upward into siltites. The typical turbidite package consists of medium bedded coarse-grained silty quartzite grading into fine-grained silty quartzite or siltite. Occasional inter-beds of laminated argillites occur throughout the sequence marking periods of depositional quiescence. These laminite packages consist of thinly laminated dark gray to black, commonly pyrrhotitic and/or pyritic siltites and argillites.

Fragmental rocks occur locally on the property and range from clast-supported breccias to matrix-supported breccias. The clast-supported variety can be both polylithic and monolithic. The monolithic type generally contains angular clasts of siltite whereas the polylithic type can consist of both angular and/or rounded clasts of quartzite to siltite. The matrix-supported fragmentals generally consist of small angular to sub-angular clasts of siltite and silty quartzite set in a dark gray silty or sandy matrix. The clast-supported fragmentals are typically discordant whereas the matrix-supported fragmentals are typically sub-concordant to concordant.

The sedimentary sequence is intruded by a series of tholeiitic to gabbroic dykes and sills thought to have been generated by a mantle plume beneath continental crust. These have been dated from 1467 MA to about 1433 MA. Field relationships including fluidization of sediments and shrinkage cracks suggest the sills were intruded into wet sediments. Generally, radiometric age dates indicate that the sills young upwards suggesting igneous activity continued throughout the depositional cycle of the Aldridge Formation.

Stratigraphy

Aldridge Formation strata range from the top of the lower Aldridge in the extreme eastern edge of the claims to the middle of the middle Aldridge on the western side of the claims. This represents a stratigraphic interval of about 1,600 metres (excluding sills). Sills expand the stratigraphic interval by another 500+ metres.

Stratigraphic control is established through identification of "marker" units by Peter Klewchuk and Dave Pighin. The markers are laminite sequences in the middle Aldridge with alternating light and dark bands that can be correlated band for band throughout much of the region. The markers were originally identified and named by Cominco during work around the Sullivan deposit. Four of the markers are particularly useful on the Irishman property; Hiawatha, Moyie, Kid, and Sundown.

The distribution of thick mafic sills can sometimes be used as a rough stratigraphic reference. This is a very useful mapping tool since the sills are very distinct, easily traced, and are resistant to weathering and erosion.

Alteration

Several forms of hydrothermal alteration have been observed locally throughout the property. These include tourmaline alteration, biotite alteration, albitization, chlorite-albite alteration, muscovite alteration, and silicification. The Panda Basin area has the most extensive alteration mapped on the claims.

Tourmaline Alteration

There are two types of tourmaline alteration, massive aphanitic replacement (tourmalinization) and selective replacement of beds by euhedral tourmaline needles. Tourmaline plus quartz veins are commonly found associated with both types of tourmaline alteration.

Biotite Alteration

Biotite alteration is commonly found in association with tourmaline needle alteration and consists of coarse crystalline flakes disseminated throughout the rock and locally as thin massive beds of biotite books. Biotite also occurs as isolated porphyroblasts associated with massive silty beds disrupted by sill emplacement.

Albite Alteration

Albite alteration occurs as massive replacement bodies, as spotty replacements and breccia matrix fillings with sericite along brittle structures, and as massive aphanitic albite-chlorite hornfels adjacent to mafic intrusions. Large bodies of massive albite replacement tend to occur immediately above discordant mafic intrusions, particularly where a concordant body becomes locally discordant.

Muscovite Alteration

Muscovite alteration consists of clusters of creamy to honey colored masses found pervasively replacing detrital feldspars and phyllosilicates. Locally it is represented by greenish colored larger crystalline flakes pervasively replacing siltites and argillites. The latter is generally in association with disseminated pyrrhotite. Both forms of muscovite alteration are widespread and generally occur near large structures.

Silicification

Silicification is typically associated with late brittle structures, veins, and locally, dewatering fragmentals.

Structure

Generally the structural block in which the property sits consists of gently inclined strata with dominant westward dips reflecting its regional position on the western flank of the Purcell Anticlinorium. The property itself is on a gentle, open, upright anticlinal flexure that plunges gently to the south-southwest. Axial planar cleavage is subtle but distinct in the finer grained rocks throughout the property.

Mapping at Irishman Creek, and on the adjoining Lewis Creek property to the north, has tentatively identified at least five major fault trends. The oldest appears to be a northwest trending (310-335°) set linked to syn-sedimentary or diagenetic processes. One of these structures cuts through the "Big Lewis fragmentals" on Active Ridge near UTM coordinates 5460500N-565500E. Gabbro dykes locally intrude these structures.

The oldest structures are cut by a set of prominent north-northeast trending normal faults ("growth faults") that define a series of half-grabens with west side down geometry. Many of these structures have been intruded by mafic dykes (i.e. Bear dyke and MK dyke) which are the likely feeders for some of the mafic sills. The Kid Fault is the most prominent of these exposed on the Irishman Creek claims although the vertical displacement at the stratigraphic level exposed on the claims appears to be minimal. The "Ridgeway Lineament" is a parallel north trending feature prominently shown on airborne magnetics images that is locally intruded by a gabbro dyke.

Locally, this group of structures is cut by west-northwest trending (280-300°) sub-vertical faults. These faults appear to be largely strike-slip with a net sinistral and north side down displacement. The most prominent example is the Ice Fault just north of the claims.

All of the above faults are cut by a series of northeast trending (050-060°) faults that are prominent in the central part of the property. These structures belong to the regionally important Moyie Fault system, a Laramide-aged right-lateral reverse fault with as much as 12 km of estimated displacement (Hoy, 1992). The main Moyie Fault traverses the southeastern corner of the property and juxtaposes Kitchener Formation on the south against Aldridge Formation on the north. All of the faults belonging to this group which have been mapped on the property are southeast dipping reverse faults and are therefore antithetic to the main Moyie Fault. Some of these structures host narrow gabbro dykes suggesting that some are re-activated Proterozoic structures (possible transfer faults associated with the north-northeast growth faults).

The youngest sets of faults on the property are north trending (345-355°) high angle normal faults that are prominent throughout the region. These are a product of Late Tertiary extension.

4.2 Geochemical Survey Results

Soil sampling (Figure 6) identified a few areas with elevated lead and zinc. The most notable anomaly is immediately southeast of drill holes K97-03 and K97-04 in the Panda Basin area. Lead values are up to 1,321 ppm with several over 300 ppm. Zinc values in the area are also elevated with values to 155 ppm. The anomaly roughly coincides with quartz-galena-sphalerite veins mapped in 1996 by Sedex-Kennecott on Panda Ridge (the "Goodie Vent"). This is the only significant coincident lead and zinc soil anomaly identified during 1997.

Zinc soil anomalies occur two kilometres north of Panda Basin on the north side of the Irishman-Lewis divide, and in the area of drill hole K97-02. No source for the anomalies was identified on surface but core from drill hole K97-02 and Cominco hole L80-01 contained scattered sphalerite stringers cross-cutting stratigraphy that may be concentrated in the areas of the anomalies.

Arsenic in soil is significantly elevated around the Bear dyke in the Panda basin area with values to 728 ppm. This anomaly coincides with visible arsenopyrite in the gabbro dyke seen in both surface exposures and drill core.

Stream sediment samples returned background to moderately elevated values in both lead and zinc. Sample VR85063A was in the +90 percentile range for lead in the upper Moyie River area with 34 ppm, and sample VR85061A was in the +80 percentile range for zinc with 78 ppm.

4.3 Diamond Drilling Results

K97-02

Diamond drill hole K97-02 tested a significant gravity high associated with anomalous zinc in soil samples. This target was drill tested because there was no mapped source to explain the gravity high (i.e. no gabbro sills mapped down section in the stratigraphy) and because of its proximity to an inferred Proterozoic growth fault (the "Kid Fault"). The coincident zinc anomaly suggested the gravity survey might have been directly detecting a sulphide body at depth.

Hole K97-02 cored 109 metres of typical middle Aldridge Formation turbidites before entering a 191 metre thick gabbro sill(?) from 109 to 300 metres. The hole continued to 762 metres in Middle Aldridge turbidites with a narrow gabbro dyke at 604 to 608 metres. The only marker units intercepted were near the top of the hole at 7 and 16 metres. These were identified as the Moyie marker, which is consistent with the surface stratigraphic mapping.

Alteration in the hole consisted of secondary chlorite and sericite, spotty albitization and rare tourmaline, typical of middle Aldridge Formation elsewhere on the property. Several faults were encountered in the hole with varying degrees of brecciation and associated alteration. Sulphide mineralization consisted of pyrrhotite in stringers and in bedding parallel replacements, occasional pyrite, and rare sphalerite and galena in quartz stringers. Sphalerite bearing stringers were at 50, 59, 370, and 539 metres. Galena also was found in the stringers at 59 and 370 metres.

The 191 metre thick gabbro body accounted for the gravity anomaly. The gabbro is presumably fault bounded to the north, or cuts down section across stratigraphy. A gabbro dyke mapped crossing stratigraphy one kilometre south of the drill collar may connect to the gabbro in the drill hole although the gravity response indicates a distinct thickening in the vicinity of hole K97-02.

K97-03

Drill hole K97-03 tested middle Aldridge stratigraphy in "Panda Basin" four kilometres east-southeast of hole K97-02. 1996 prospecting and mapping on the ridge 550 metres south of the drill collar showed the area hosted numerous galena stringers and indications of syn-sedimentary tectonism including bedding parallel breccias or "fragmentals". Gabbro dykes and extensive tourmaline alteration and albitization in the area indicated unusual amounts of heat and fluid movement, presumably through relatively soft sediments. The hole was collared to test stratigraphy beneath the cirque basin immediately north of the surface alteration and mineralization.

Hole K97-03 was primarily in middle Aldridge turbidites to 200 metres where it passed through 58 metres of gabbro, a 50 metre thick sill that crops out north of the drill collar. The hole continued through middle Aldridge quartz wackes with thin gabbro sills between 399 and 420 metres and a matrix-supported concordant breccia at 474 to 479 metres. Significant sulphides were intercepted between 504.8 and 507.4 metres. The sulphide-rich section consists of several crosscutting and bedding parallel galena±sphalerite veins to 5 centimetres thick over 1.5 metres followed by 0.7 metre of massive sphalerite with pyrrhotite and minor galena. The lower massive sulphide contact appears to be roughly parallel to bedding and the sulphides within 20 centimetres of the lower contact contain sub-angular to sub-rounded inclusions of albitized(?) quartz wacke. A weighted average of four samples across 2.55 metres returned 5.82% lead, 9.65% zinc, and 49.4 g/T silver including one 0.65 metre sample with 9.51% lead, 33.7% zinc, and 80.9 g/T silver.

The hole continued below the sulphides to 753 metres where it entered gabbro interpreted to be the down-dip extension of the Bear dyke to the west. The hole was terminated at 762 metres. No marker units were encountered in the hole. A subtle transitional shift to thin-bedded quartz wacke and siltstone from the more typical medium to thick-bedded quartz wackes occurs at about 620 metres. This transition has been tentatively identified as the lower-middle Aldridge contact (LMC) but might be a facies shift within the middle Aldridge.

Alteration consists of secondary chlorite and sericite, local strong albitization, secondary tourmaline, and garnet. The core shows far more albitization (± silicification) than is common elsewhere on the claims. Albitization is typically fracture controlled and selectively alters coarser grained beds. Chlorite alteration of biotite is common near the top of the hole with sericite/muscovite replacing chlorite with depth. Tourmaline is most common over the first 55 metres of the hole and over narrow widths (± 1 metre) to 267 metres. Secondary garnet forms patchy replacements increasing with depth. In general, alteration intensity increases with depth down hole with albite-chlorite-tourmaline alteration at the top of the hole and albite-sericite-garnet alteration at the bottom.

The hole crossed numerous faults and fracture zones with varying degrees of brecciation. Major fault zones occur at about 410 metres and 700 metres. These are probably the down dip extension of several east-northeast trending faults mapped on surface that are antithetic to the Moyie Fault.

Other than the sulphides intersected at 505 metres, sphalerite and galena occur in veins cross-cutting stratigraphy at 140 to 145 metres, 490 metres, 584 metres, 629 metres, and 646 metres. Both lead and zinc are geochemically anomalous over a section from about 640 metres to 700 metres with disseminated and stratiform sulphides logged in the core. Zinc values in this section are typically over 100 ppm ranging up to 3710 ppm and lead values typically range from over 50 ppm to a high of 676 ppm.

K97-04

Drill hole K97-04 was positioned 160 metres southwest of hole K97-03 to further evaluate the Panda basin area. The hole was planned to test stratigraphy south of K97-04 under the alteration, mineralization and breccias exposed on Panda Ridge. The site was selected following a UTEM survey of hole K97-03 that indicated no continuity to the sulphides intercepted at 507 metres but weak potential conductors to the north and south. The hole was

only partly successful because of a significant westward deflection from a collar azimuth of 172° to a final azimuth of 206.5° and a flattening of dip from –55° to –38°. This deviation caused the hole to intercept the Bear dyke higher in the stratigraphy than was planned.

Hole K97-04 collared in middle Aldridge thin to thick-bedded quartz wacke. The 50 metre thick gabbro sill was intercepted from 309 to 389 metres, on trend with its position in hole K97-03. Other than a conformable breccia unit from 730 to 735 metres, the hole continued in medium to thick bedded quartz wacke to 755 metres, where it entered gabbro (Bear dyke) which continued to 860 metres. The remainder of the hole to 914.4 metres was in thin to medium bedded quartz wacke. Other than the gabbro sill and Bear dyke, there are no units that can be directly correlated with hole K97-03.

Chlorite, sericite, albite, tourmaline, and garnet are again the common alteration minerals. Chlorite is less common than in hole K97-03 with most seen in the 100 metres above Bear dyke (650 to 750 metres). Sericite/muscovite is well-developed but most common down to 550 metres and then again from about 650 to 720 metres. Albite is patchy but common throughout sedimentary units in the hole with the exception of a section from about 550 to 750 metres. Garnet alteration is common down to 575 metres and almost entirely lacking below that. Tourmaline is confined to a narrow section around 500 metres and from 870 metres to the end of the hole. Generally the alteration is strong throughout the hole with no evidence of the increase with depth seen in K97-03. If anything, the bottom of the hole is less altered than the top.

Several faults were crossed by the hole. Major fractured zones were at 67, 156, 235, 409, 742, 789, 833, 845, 894, and 906 metres. The numerous fault zones within the Bear dyke between 755 and 860 metres appear to have caused a vertical offset of about 100 metres with the north side down dropped relative to the south. Lateral offset is unknown. Surface mapping and down-dip projections suggest the faulted zone is the Panda Fault.

Mineralization consists of numerous narrow discordant and concordant quartz-sphalerite ±galena veins concentrated between 168 and 290 metres above the Panda sill. Lead-zinc mineralization is less common below the sill but significant concentrations are at 405, 463, 641, and 645 metres. Pyrrhotite occurs atypically in wispy bands and parallel to bedding from 692 metres to 709 metres in wackes showing soft sediment deformation.

4.4 Geophysical Survey Results

Gravity

The SBA (simple Bouguer anomaly) data tied very well to the 1996 readings with differences generally less than 0.1 mgal. The data shows gabbro sills and dykes with low amplitude (<1.0 mgal) anomalies that compare well with geological mapping and intrusives inferred from magnetics. In the Panda Basin area, large and small-scale structures are also evident in the gravity data. The gravity survey confirmed all 1996 anomalies but highs could be directly attributed to mapped gabbro bodies in all cases except at hole K97-02. Drilling showed a 190 metre thick slab of gabbro caused the anomaly.

Gravity modeling of the 0.5 to 0.75 mgal above background response in the area of holes K97-03 and K97-04 confirms it is caused by the gabbro sill intersected in both drill holes. The

anomaly is of interest because it terminates to the southeast, presumably where it is crossed by the Panda Fault. This suggests: 1) there is a greater degree of offset on the Panda Fault than is inferred from mapping, 2) there is a Panda Fault coincident Proterozoic aged fault against which the sill terminated, or 3) the sill sharply pinches out southeast of hole K97-04.

Bore hole logging

Data repeatability was very good with <5% variation between repeat readings. Natural gamma readings contain high frequency information that at first appears to be noise, but repeat readings indicate they are real responses. Gamma readings clearly define the gabbro intrusives with relatively low radioactivity (0.25 x Aldridge).

The presence of sulphide veins and blebs often saturated the EM39 and magnetic susceptibility instruments. Conductive zones cause negative magnetic susceptibility readings and vice versa. Magnetic and conductive zones, such as pyrrhotite veins produce complex positive/negative responses.

UTEM survey results

The UTEM survey was relatively disappointing with the mineralization at 505 metres in hole K97-03 extending only a short distance. A weak anomaly at roughly the same depth north and south of the hole was the only feature identified apart from the in-hole sulphide responses and a half space response. The UTEM survey did not support any further drilling within about 400 metres of hole K97-03 for a massive, continuous, conductive sulphide body.

Discussion

The Aldridge Formation is moderately, homogeneously conductive (200 - 700 Ωm) producing a half space response for the UTEM system. It is strongly radioactive and essentially non-magnetic except for numerous discontinuous sulphide veins and fracture fillings with high conductivities, variable magnetic susceptibilities (sulphide dependant) and low radioactivity. Intrusive gabbro sills have above background magnetic susceptibility (100 x 10^{-5} SI) and low (0.25 x Aldridge) radioactivity with marginal, high conductivity, discontinuous sulphide concentrations.

The massive sulphide intersection in hole K97-03 at 505 m saturates the EM39 indicating a conductivity of > 5 S/m. It has a limited spatial extent (< 10 m) showing only a small early time in-hole response in the UTEM data. A weak anomaly (20% on ch10) indicative of a flat weakly conductive body or a lithology change was located with loop 2 south of K97-03 at approximately 500 - 600 m depth and loop 3 north of K97-03 at the same depth. The anomaly is only recorded in the early time (channel 10 - 7) and persists to the end of the hole which makes quantitative interpretation difficult. Minor magnetite veining is observed in the Aldridge Formation and gabbro.

5.0 CONCLUSIONS

The 1997 exploration program successfully defined the lithology, general stratigraphy and major structures on the property. It located areas of exploration interest for sedex deposits by identifying potential syn-sedimentary structures through mapping of alteration and fragmental units, and areas of elevated lead and zinc through soil sampling. Diamond drilling succeeded in defining the source of gravity anomalies identified in 1996 and intersected economic grade lead-zinc mineralization. Subsequent geophysical surveying of the drill holes defined the physical properties of the rocks and tested for continuity of mineralization.

The Panda Basin area emerged as the most prospective part of the claims. It is at the junction of several Proterozoic structures inferred from mapping and airborne magnetics. Several of the structures are geochemically anomalous suggesting a possible larger sulphide source at depth. Diamond drilling confirmed the presence of sulphides at depth with a 2.55 metre intersection returning 5.82% lead, 9.65% zinc, and 49.4 g/T silver. Additional diamond drilling is required to fully test the drilled mineralization at Panda Basin but a downhole UTEM survey of hole K97-03 indicates the intersected sulphides have no lateral continuity and there is no large sulphide body within 400 metres of the hole.

The "Big Lewis Fragmentals" on Active Ridge indicate Proterozoic tectonism but the lack of supportive geochemistry downgrades the target for drill testing.

Soil geochemistry indicates anomalous lead and zinc values continue from Panda Basin along the Goodie fault trend to the east northeast to an area with little previous work. Additional geological mapping along the trend will define the stratigraphy and structure and, combined with geochemistry, help identify drill targets.

6.0 BIBLIOGRAPHY

Franklin, R. (1996): Moyie Project 1996 Summary Report. Private report prepared by Kennecott Exploration, 12 p.

Hoy, T. (1992): Geology of the Purcell Supergroup in the Fernie west-half map area, southeastern British Columbia (82G W½). British Columbia Ministry of Energy, Mines and Petroleum Resources, Bulletin 84, 110 p. plus map (1:100,000).

7.0 STATEMENT OF QUALIFICATIONS

I, Steven Coombes, of the village of Invermere, Province of British Columbia, DO HEREBY CERTIFY THAT:

1) I am a senior geologist employed by Kennecott Canada Exploration Inc. with a business office at 354–200 Granville Street, Vancouver, British Columbia, Canada, V6C 1S4.

2) I am a graduate in Geology with a Bachelor of Science degree from the University of British Columbia in 1983.

3) I am a registered member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (No. 19713).

4) I am a Fellow of the Geological Association of Canada (No. F5457).

5) I have practiced my profession as a geologist for the past fifteen years.

   Four years pre-graduate field experience in geology, geochemistry, and geophysics with Noranda Exploration Co. Ltd. (seasonal, 1979 to 1982).

   Two years as exploration geologist with Rhyolite Resources Inc. (1983 to 1985).

   Five years as exploration geologist with Searchlight Consultants Inc. (1985 to 1990).

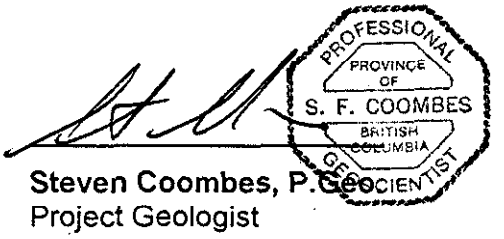
   Five years as consulting geologist and proprietor of Summit Geological (1990 to 1995).

   Three years as project and senior geologist for Kennecott Canada Exploration Inc. (1995 to 1998).

6) I directly supervised the field work on the Irishman Creek property during the 1997 field season and wrote this report to document the results.

Dated:

May 29, 1998



Steven Coombes, P.Geo.
Project Geologist

Appendix I

List of Mineral Claims

IRISHMAN CREEK PROJECT

Appendix I

List of Mineral Claims

Claim Name	Tenure Number	Units	Mining District	NTS	Location Year	Current Expiry Date	New Expiry Year *
LMC 1	331307	20	FORT STEELE	082F08E	1994	10/07/2001	2007
LMC 2	331308	18	FORT STEELE	082F08E	1994	10/07/2001	2007
LMC 3	331309	9	FORT STEELE	082F08E	1994	10/07/2001	2007
LMC 4	331842	20	FORT STEELE	082F08E	1994	10/18/1999	2005
LMC 5	339073	1	NELSON	082F08E	1995	08/11/2001	2007
LMC 6	339074	1	NELSON	082F08E	1995	08/11/2001	2007
LMC 7	339069	12	FORT STEELE	082F08E	1995	08/11/1999	2007
LMC 8	339070	20	FORT STEELE	082F08E	1995	08/14/1998	2007
LMC 9	339071	20	FORT STEELE	082F08E	1995	08/15/1998	2007
LMC 10	339075	1	FORT STEELE	082F08E	1995	08/17/1998	2004
LMC 11	339076	1	FORT STEELE	082F08E	1995	08/17/1998	2004
LMC 12	339077	1	FORT STEELE	082F08E	1995	08/17/1998	2004
LMC 13	339078	1	FORT STEELE	082F08E	1995	08/17/1998	2004
LMC 14	339079	1	FORT STEELE	082F08E	1995	08/17/1998	2004
LMC 15	339080	1	FORT STEELE	082F08E	1995	08/17/1998	2004
LMC 16	339081	1	FORT STEELE	082F08E	1995	08/17/1998	2004
LMC 17	339082	1	NELSON	082F08E	1995	08/11/2001	2007
LMC 18	339083	1	NELSON	082F08E	1995	08/11/2001	2007
LMC 19	340103	1	NELSON	082F08E	1995	09/18/2001	2007
LMC 20	340104	1	NELSON	082F08E	1995	09/18/2001	2007
LMC 21	340105	1	NELSON	082F08E	1995	09/18/2001	2007
LMC 22	340106	1	NELSON	082F08E	1995	09/18/2001	2007
LMC 23	340107	1	NELSON	082F08E	1995	09/18/2001	2007
LMC 24	340108	1	NELSON	082F08E	1995	09/18/2001	2007
MCL 1	351102	1	FORT STEELE	082F08E	1996	09/13/1998	2004
MCL 2	351103	1	FORT STEELE	082F08E	1996	09/13/1998	2004
MCL 3	351104	1	FORT STEELE	082F08E	1996	09/13/1998	2004
MCL 4	351105	1	FORT STEELE	082F08E	1996	09/13/1998	2004
MCL 5	351106	1	FORT STEELE	082F08E	1996	09/13/1998	2004
MCL 6	351107	1	FORT STEELE	082F08E	1996	09/13/1998	2004
MCL 7	351108	1	FORT STEELE	082F08E	1996	09/13/1998	2004
MCL 8	351109	1	FORT STEELE	082F08E	1996	09/13/1998	2004
MCL 9	351110	1	FORT STEELE	082F08E	1996	09/13/1998	2004
MCL 10	351111	1	FORT STEELE	082F08E	1996	09/13/1998	2004
MCL 11	351112	1	FORT STEELE	082F08E	1996	09/14/1998	2004
MCL 12	351113	1	FORT STEELE	082F08E	1996	09/14/1998	2004
MCL 13	351114	1	FORT STEELE	082F08E	1996	09/14/1998	2004
MCL 14	351115	1	FORT STEELE	082F08E	1996	09/14/1998	2004
MCL 15	351116	1	FORT STEELE	082F08E	1996	09/14/1998	2004
MCL 16	351117	1	FORT STEELE	082F08E	1996	09/14/1998	2004
MCL 17	351118	1	FORT STEELE	082F08E	1996	09/14/1998	2004
MCL 18	351119	1	FORT STEELE	082F08E	1996	09/14/1998	2004
MCL 19	351120	1	FORT STEELE	082F08E	1996	09/14/1998	2004
MCL 20	351121	1	FORT STEELE	082F08E	1996	09/14/1998	2004
MCL 21	351122	1	FORT STEELE	082F08E	1996	09/14/1998	2004
MCL 22	351123	1	FORT STEELE	082F08E	1996	09/15/1998	2004
MCL 23	351124	1	FORT STEELE	082F08E	1996	09/15/1998	2004
MCL 24	351125	1	FORT STEELE	082F08E	1996	09/15/1998	2004
MCL 25	351126	1	FORT STEELE	082F08E	1996	09/15/1998	2004
MCL 26	351127	1	FORT STEELE	082F08E	1996	09/15/1998	2004
MCL 27	351128	1	FORT STEELE	082F08E	1996	09/15/1998	2004
MCL 28	351129	1	FORT STEELE	082F08E	1996	09/15/1998	2004

IRISHMAN CREEK PROJECT

Appendix I

List of Mineral Claims

Claim Name	Tenure Number	Units	Mining District	NTS	Location Year	Current Expiry Date	New Expiry Year *
MCL 29	351130	1	FORT STEELE	082F08E	1996	09/15/1998	2004
MCL 30	351131	1	FORT STEELE	082F08E	1996	09/15/1998	2004
MCL 31	351132	1	FORT STEELE	082F08E	1996	09/15/1998	2004
MCL 32	351133	1	FORT STEELE	082F08E	1996	09/15/1998	2004
MCL 33	351134	1	FORT STEELE	082F08E	1996	09/16/1998	2004
MCL 34	351135	1	FORT STEELE	082F08E	1996	09/16/1998	2004
MCL 35	351136	1	FORT STEELE	082F08E	1996	09/16/1998	2004
MCL 36	351137	1	FORT STEELE	082F08E	1996	09/16/1998	2004
MOYIE 17	338379	1	FORT STEELE	082F08E	1995	07/18/1998	2005
MOYIE 27	338836	12	FORT STEELE	082F08E	1995	08/09/2001	2007
THEA 1	344471	20	FORT STEELE	082F08E	1996	03/25/1999	2007
THEA 10	344482	1	NELSON	082F08E	1996	03/15/1998	2004
THEA 11	344483	1	NELSON	082F08E	1996	03/20/2001	2007
THEA 12	344484	1	NELSON	082F08E	1996	03/21/2001	2007
THEA 13	344485	1	NELSON	082F08E	1996	03/21/1998	2004
THEA 14	344474	20	FORT STEELE	082F08E	1996	03/21/2001	2007
THEA 15	344475	18	FORT STEELE	082F08E	1996	03/21/1999	2005
THEA 2	344472	15	FORT STEELE	082F08E	1996	03/25/1999	2006
THEA 3	344473	20	FORT STEELE	082F08E	1996	03/25/1999	2005
THEA 4	344476	1	FORT STEELE	082F08E	1996	03/25/1999	2005
THEA 5	344477	1	FORT STEELE	082F08E	1996	03/25/1999	2005
THEA 6	344478	1	FORT STEELE	082F08E	1996	03/25/1999	2005
THEA 7	344479	1	NELSON	082F08E	1996	03/13/2001	2007
THEA 8	344480	1	NELSON	082F08E	1996	03/13/2001	2007
THEA 9	344481	1	NELSON	082F08E	1996	03/15/1998	2004
GMC 1	359554	20	FORT STEELE	082F08E	1997	09/21/1998	2004
GMC 2	359555	20	FORT STEELE	082F08E	1997	09/21/1998	2004
GMC 3	359556	20	FORT STEELE	082F08E	1997	09/21/1998	2004
GMC 4	359557	20	FORT STEELE	082F08E	1997	09/21/1998	2004
GMC 5	359558	20	FORT STEELE	082F08E	1997	10/03/1998	2004
GMC 6	359559	20	FORT STEELE	082F08E	1997	10/03/1998	2004
		408					

* Upon acceptance of the work described in this report

Appendix II

1997 Expenditures

IRISHMAN CREEK PROJECT
1997 Expenditures

Appendix II

Expense		Sub-totals	Totals
Field personnel:			83,000.00
S. Coombes	67 @ 300.00	20,100.00	
A. Cole (geophysicist)	19 @ 300.00	5,700.00	
E. Finlayson (reg. manager)	5 @ 400.00	2,000.00	
M. Bedard	18 @ 200.00	3,600.00	
T. Pierce	2 @ 200.00	400.00	
J. Ryley	118 @ 275.00	32,450.00	
D. Hay	17 @ 150.00	2,550.00	
K. Jackson	32 @ 150.00	4,800.00	
S. Ker	28 @ 150.00	4,200.00	
A, Raymont	2 @ 150.00	300.00	
C. Roach	44 @ 150.00	6,600.00	
C. Sroda	2 @ 150.00	300.00	
Consulting fees:			5,465.00
Craig Leitch		2,000.00	
Vancouver Petrographics		2,415.00	
Marker ID		1,050.00	
Food and accommodation:		14,737.00	14,737.00
Mobilization/demobilization:		15,399.00	15,399.00
Aircraft support:		0.00	0.00
Vehicle rentals:		14,884.00	14,884.00
Communications:		3,158.00	3,158.00
Freight:		2,708.00	2,708.00
Equipment and supplies:			80,556.00
Plastic casing		5,756.00	
Other		74,800.00	
Instrument rentals:			6,902.00
Pajari downhole survey tool		1,231.00	
Cansel GPS equipment		5,671.00	
Laboratory analysis:			15,292.00
Chemex Labs		10,607.00	
Bondar Clegg Labs		4,285.00	
Lead isotope		400.00	
Contract work:			233,066.00
Diamond drilling		187,847.00	
Road work, site prep.		8,826.00	
Gravity survey		9,461.00	
UTEM survey		21,018.00	
Borehole logging geophysics		5,914.00	
Management:		47,399.00	47,399.00
Report preparation:		8,000.00	8,000.00
TOTAL:		**530,566.00**	**530,566.00**

Appendix III

Soil Sample Descriptions

IRISHMAN CREEK PROJECT
Soil Sample Descriptions

Appendix III

SAMPLE	GEOL	CLAIM_NAM	UTM_EAST	UTM_NORTH	COLOUR	DPTH_CM	HORIZON	% ORG	CLAY	MOIST
VR 81502 A	MB	LMC 3	567147	5460962	TA	25	B	5	L	DRY
VR 81503 A	MB	LMC 3	567186	5460764	BF	20	B	5	L	DRY
VR 81504 A	MB	LMC 3	567183	5460568	BF	20	B-C	5	L	DRY
VR 81505 A	MB	LMC 3	567181	5460388	TA	20	B	5	L	DRY
VR 81506 A	MB	LMC 3	567154	5460195	TA	15	B	10	L	DRY
VR 81507 A	MB	LMC 3	567230	5460016	BN	20	B	10	L	DRY
VR 81508 A	MB	LMC 3	567413	5459939	BN	15	B	5	L	DRY
VR 81509 A	MB	LMC 3	567496	5459756	TA	15	B	5	L	DRY
VR 81510 A	MB	LMC 3	567675	5459664	BN	10	B	15	L	DRY
VR 81511 A	MB	LMC 3	567370	5459620	BN	15	B	15	L	DRY
VR 81512 A	MB	LMC 2	567488	5459491	TA	15	B-C	15	L	DRY
VR 81513 A	MB	LMC 2	567682	5459412	TA	15	B	10	L	DRY
VR 81514 A	MB	LMC 2	567840	5459296	TA	10	B	5	L	DRY
VR 81515 A	MB	LMC 2	567974	5459136	TA	20	B	5	L	DRY
VR 81516 A	MB	LMC 2	568180	5458988	TA	20	B	10	L	DRY
VR 81517 A	MB	LMC 2	568323	5458868	BN	20	B	5	L	DRY
VR 81518 A	MB	LMC 2	568419	5458704	BN	20	B	10	L	DRY
VR 81519 A	MB	LMC 2	568516	5458717	BN	10	B	10	L	DRY
VR 81520 A	MB	LMC 2	568452	5458901	BN	15	B	20	L	DRY
VR 81521 A	MB	LMC 3	567720	5459762	BF	10	B-C	15	L	DRY
VR 81522 A	MB	LMC 3	567897	5459641	BN	10	B	15	L	DRY
VR 81523 A	MB	LMC 2	568036	5459539	TA	20	B	10	L	DRY
VR 81524 A	MB	LMC 2	568200	5459448	BF	30	B-C	10	L	DRY
VR 81525 A	MB	LMC 2	568322	5459306	BN	20	B-C	5	L	DRY
VR 81526 A	MB	LMC 2	568479	5459193	BN	15	B-C	10	L	DRY
VR 81527 A	MB	LMC 2	568742	5459066	BN	15	B	5	L	DRY
VR 81528 A	MB	LMC 2	568851	5458879	BK	20	A-B	20	L	WET
VR 81529 A	MB	LMC 2	568977	5458726	BN	20	B	15	L	DRY
VR 81530 A	MB	LMC 2	568895	5459007	BN	20	B	10	L	DRY
VR 81531 A	MB	LMC 2	569073	5458886	BN	30	B	5	L	DRY
VR 81532 A	MB	LMC 2	569227	5458804	BN	20	B	5	L	DRY
VR 81533 A	MB	LMC 2	569403	5458912	BN	20	B	5	L	DRY
VR 81534 A	MB	THEA 3	563698	5460738	BN	10	B	2	L	DRY
VR 81535 A	MB	THEA 3	563886	5460785	BN	15	B	10	L	DRY
VR 81536 A	MB	THEA 3	564026	5460923	BN	15	B	10	L	DRY
VR 81537 A	MB	THEA 3	563580	5460457	BN	20	B	5	L	DRY
VR 81538 A	MB	THEA 3	563551	5460286	BN	20	B	10	L	DRY
VR 81539 A	MB	THEA 3	563523	5460091	BN	25	B	5	L	DRY
VR 81540 A	MB	THEA 3	563772	5460573	BN	25	B	10	L	DRY
VR 81541 A	MB	THEA 3	563771	5460380	BN	20	B	10	L	DRY
VR 81542 A	MB	THEA 3	563671	5460202	BN	30	B	10	L	DRY
VR 81543 A	MB	THEA 3	563665	5460035	BN	15	B	5	L	DRY
VR 81544 A	MB	THEA 3	563845	5460079	TA	20	B	5	L	DRY
VR 81545 A	MB	THEA 3	564003	5460002	BN	10	B	5	L	DRY

IRISHMAN CREEK PROJECT
Soil Sample Descriptions

Appendix III

SAMPLE	GEOL	CLAIM_NAM	UTM_EAST	UTM_NORTH	COLOUR	DPTH_CM	HORIZON	% ORG	CLAY	MOIST
VR 81546 A	MB	THEA 14	565416	5458074	BN	20	B	5	L	DRY
VR 81547 A	MB	LMC 18	565515	5458245	OR/BN	15	B	5	L	DRY
VR 81548 A	MB	LMC 18	565675	5458301	OR/BN	25	B	5	L	DRY
VR 81549 A	MB	LMC 18	565871	5458278	BN	25	B	10	L	DRY
VR 81550 A	MB	THEA 14	565324	5457932	BN	20	B	10	L	DRY
VR 81602 A	SC	THEA 15	563376	5457016	BN	20	B	0	M	WET
VR 81603 A	SC	THEA 15	563233	5457064	BN	40	B	2	M	DRY
VR 81604 A	SC	THEA 15	563381	5457218	BN	35	B	0	M	DRY
VR 81605 A	SC	THEA 15	563174	5457264	BN	20	B	0	M	WET
VR 81606 A	SC	THEA 15	563023	5457385	BN	30	B	5	M	WET
VR 81607 A	SC	THEA 15	562913	5457517	BN	25	B	10	M	WET
VR 81608 A	SC	THEA 15	563004	5457654	BN	20	B	0	H	WET
VR 81609 A	SC	THEA 15	563193	5457660	BN	30	B	0	M	DRY
VR 81610 A	SC	THEA 15	563363	5457751	BN	40	B	0	M	WET
VR 81611 A	SC	THEA 15	563524	5457862	BN	20	B	0	M	WET
VR 81612 A	SC	THEA 14	563648	5458021	BN	30	B	5	L	DRY
VR 81613 A	SC	THEA 14	563769	5458207	BN	30	B	10	L	DRY
VR 81614 A	SC	THEA 12	563839	5458352	BN	35	B	10	L	DRY
VR 81615 A	SC	THEA 12	563705	5458487	BN	40	B	5	L	DRY
VR 81616 A	SC	THEA 12	563678	5458657	BN	20	B	0	L	DRY
VR 81617 A	SC	THEA 14	564564	5458103	BN	40	B	5	M	WET
VR 81618 A	SC	LMC 23	564540	5458308	BN	20	B	5	L	DRY
VR 81619 A	SC	LMC 23	564507	5458498	BN	30	B	2	L	DRY
VR 81620 A	SC	LMC 23	564535	5458665	BN	20	B	2	L	DRY
VR 81621 A	SC	THEA 11	564416	5458714	BN	30	B	15	L	WET
VR 81622 A	SC	LMC 2	568253	5458502	RDBN	40	B	5	L	WET
VR 81623 A	SC	LMC 2	568086	5458640	GYBN	40	B	5	L	WET
VR 81624 A	SC	LMC 2	567926	5458786	BN	30	B	5	L	DRY
VR 81625 A	SC	LMC 2	567777	5458888	BN	40	BC	0	L	DRY
VR 81626 A	SC	LMC 2	567632	5459013	BN	30	BC	2	L	WET
VR 81627 A	SC	LMC 2	567529	5459167	GYBN	30	BC	0	L	DRY
VR 81628 A	SC	LMC 2	567367	5459300	RDBN	30	BC	2	L	DRY
VR 81629 A	SC	LMC 2	567148	5459349	BN	30	BC	2	L	DRY
VR 81630 A	SC	LMC 2	567004	5459405	BNRD	30	BC	2	L	WET
VR 81631 A	SC	LMC 2	566832	5459450	GYBN	20	C	0	M	DRY
VR 81632 A	SC	LMC 3	566724	5459587	RDGY	30	C	2	M	WET
VR 81633 A	SC	LMC 3	566681	5459787	BN	30	BC	2	M	DRY
VR 81651 A	J.K.R	LMC 3	566738	5460545	BK	30	B	25	L	DRY
VR 81652 A	J.K.R	LMC 3	566680	5460354	BN	25	B	30	L	DRY
VR 81653 A	J.K.R	LMC 3	566655	5460170	BK	20	A	30	L	DRY
VR 81654 A	J.K.R	LMC 3	566644	5459986	RD-BN	30	B	5	L	WET
VR 81655 A	J.K.R	LMC 4	566399	5459755	TN	60	B	5	L	DRY
VR 81656 A	J.K.R	LMC 3	566486	5459559	BN	40	B	5	L	DRY
VR 81657 A	J.K.R	LMC 2	566587	5459376	BN	40	B	5	L	DRY

IRISHMAN CREEK PROJECT
Soil Sample Descriptions

Appendix III

SAMPLE	GEOL	CLAIM_NAM	UTM_EAST	UTM_NORTH	COLOUR	DPTH_CM	HORIZON	% ORG	CLAY	MOIST
VR 81658 A	J.K.R	LMC 2	566663	5459211	TN	40	B	15	L	DRY
VR 81659 A	J.K.R	LMC 2	566835	5459102	BN	50	B	5	L	DRY
VR 81660 A	J.K.R	LMC 2	567018	5459045	GN-BN	30	B	10	M	DRY
VR 81661 A	J.K.R	LMC 2	567213	5458977	GN-BN	40	B	5	M	DRY
VR 81662 A	J.K.R	LMC 2	567357	5458862	GN	40	C	5	M	WET
VR 81663 A	J.K.R	LMC 2	567499	5458720	GN-BN	45	B	5	L	DRY
VR 81664 A	J.K.R	LMC 2	567583	5458533	GN-GY	50	C	5	M	WET
VR 81665 A	J.K.R	LMC 2	567719	5458395	GN-GY	50	C	5	M	DRY
VR 81666 A	J.K.R	LMC 2	567882	5458267	GN-BN	30	C	5	L	WET
VR 81668 A	J.K.R	LMC 3	567384	5460995	GY-BN	30	B	15	M	DRY
VR 81669 A	J.K.R	LMC 3	567503	5460805	TN-BN	50	C	5	L	DRY
VR 81670 A	J.K.R	LMC 3	567537	5460608	TN-BN	50	C	10	M	DRY
VR 81671 A	J.K.R	LMC 3	567563	5460397	BN	50	B	5	L	DRY
VR 81672 A	J.K.R	LMC 3	567588	5460232	BN	50	C	5	L	DRY
VR 81673 A	J.K.R	LMC 3	567559	5460038	TN	50	C	5	M	DRY
VR 81674 A	J.K.R	LMC 3	567681	5459933	BN-TN	50	C	10	L	DRY
VR 81675 A	J.K.R	MOYIE 27	568455	5459918	BN	30	B	5	L	DRY
VR 81676 A	J.K.R	MOYIE 27	568568	5459777	BN	30	B	5	L	DRY
VR 81677 A	J.K.R	MOYIE 27	568745	5459803	GN-GY	40	B	5	M	DRY
VR 81678 A	J.K.R	THEA 3	563675	5460638	TN	50	C	3	M	DRY
VR 81679 A	J.K.R	THEA 3	563512	5460738	GN-YW	40	C	2	M	WET
VR 81680 A	J.K.R	THEA 3	563331	5460624	BN	25	B	5	L	WET
VR 81681 A	J.K.R	THEA 3	563202	5460489	BK	25	B	10	L	DRY
VR 81682 A	J.K.R	THEA 3	563074	5460342	TN-GN	35	C	2	M	DRY
VR 81683 A	J.K.R	THEA 3	562993	5460161	BN-GN	25	B	2	L	DRY
VR 81684 A	J.K.R	THEA 3	562916	5460090	GN-BN	30	B	2	L	DRY
VR 81685 A	J.K.R	THEA 3	562911	5460305	BN	30	A	5	L	WET
VR 81686 A	J.K.R	THEA 3	562838	5460473	GN-BN	40	B	1	M	WET
VR 81687 A	J.K.R	THEA 3	562694	5460574	GN-TN	40	B	1	M	WET
VR 81688 A	J.K.R	THEA 1	562493	5460688	GN-BN	30	C	1	M	DRY
VR 81689 A	J.K.R	THEA 3	564006	5459340	TN	30	C	2	L	DRY
VR 81690 A	J.K.R	THEA 7	564110	5459188	RD-BN	30	B	5	L	WET
VR 81691 A	J.K.R	THEA 7	564285	5459087	RD-BN	30	B	3	M	DRY
VR 81692 A	J.K.R	THEA 7	564472	5459031	GN-BN	40	C	1	M	DRY
VR 81693 A	J.K.R	LMC 22	564523	5458860	RD-BN	30	B	5	L	DRY
VR 81694 A	J.K.R	THEA 7	564307	5458928	BN	15	B	15	L	DRY
VR 81695 A	J.K.R	THEA 7	564256	5458751	BK-BN	20	B	2	M	WET
VR 81713 A	CR	THEA 14	565278	5458111	LTBN	5	B	5	L	DRY
VR 81714 A	CR	THEA 14	565125	5458037	LTBN	5	B	0	L	DRY
VR 81715 A	CR	THEA 14	565027	5457849	YWBN	5	B	0	L	DRY
VR 81716 A	CR	THEA 14	565211	5457674	BN	15	B	10	L	DRY
VR 81717 A	CR	THEA 14	565363	5457565	YWBN	10	B	10	L	DRY
VR 81718 A	CR	THEA 14	565111	5457658	YWBN	10	B	5	L	DRY
VR 81719 A	CR	THEA 14	565100	5457448	LTBN	10	B	5	L	WET

SAMPLE	GEOL	CLAIM_NAM	UTM_EAST	UTM_NORTH	COLOUR	DPTH_CM	HORIZON	% ORG	CLAY	MOIST
VR 81720 A	CR	THEA 14	565011	5457264	YWBN	5	B	10	L	DRY
VR 81721 A	CR	THEA 15	563511	5457276	LTBN	10	B	10	L	DRY
VR 81722 A	CR	THEA 14	563644	5457449	TA	5	B	0	L	WET
VR 81723 A	CR	THEA 14	563754	5457639	TA	5	B	5	L	WET
VR 81724 A	CR	THEA 14	563892	5457809	LTBN	5	B	5	L	WET
VR 81725 A	CR	THEA 14	564076	5457943	LTBN	10	B	5	L	WET
VR 81726 A	CR	THEA 14	564198	5458100	LTBN	15	B	10	L	DRY
VR 81727 A	CR	THEA 11	564237	5458308	BN	20	B	15	L	DRY
VR 81728 A	CR	THEA 11	564214	5458408	BN	20	B	15	L	DRY
VR 81729 A	CR	THEA 11	564162	5458626	LTBN	15	B	10	L	DRY
VR 81752 A	J.K.R	LMC 3	567808	5460102	BN	40	B	5	L	DRY
VR 81753 A	J.K.R	LMC 3	567822	5460266	BN	40	B	2	L	DRY
VR 81754 A	J.K.R	MOYIE 27	568010	5460203	BN	30	B	10	L	DRY
VR 81755 A	J.K.R	MOYIE 27	568116	5460279	BN	40	B	5	M	DRY
VR 81756 A	J.K.R	MOYIE 27	568197	5460071	BN-BK	30	A/B	20	L	DRY
VR 81757 A	J.K.R	MOYIE 27	568205	5459868	BK-BN	35	B	10	L	DRY
VR 81758 A	J.K.R	MOYIE 27	568306	5460468	TN-BN	30	B	15	L	DRY
VR 81759 A	J.K.R	MOYIE 27	568382	5460566	BN	30	A/B	10	L	DRY
VR 81760 A	J.K.R	MOYIE 27	568521	5460466	BN-BK	35	B	10	L	DRY
VR 81761 A	J.K.R	MOYIE 27	568404	5460324	GN-BN	40	B	10	L	DRY
VR 81762 A	J.K.R	MOYIE 27	568410	5460114	BN	35	A/B	5	L	DRY
VR 81763 A	MB	THEA 14	565429	5457797	BN	30	B	10	L	DRY
VR 81764 A	MB	LMC 7	565495	5457623	BN	25	B	10	L	DRY
VR 81765 A	MB	THEA 9	563551	5458767	BN	15	B	2	L	DRY
VR 81766 A	MB	THEA 9	563418	5458904	BN	10	B	2	L	DRY
VR 81767 A	MB	THEA 9	563419	5459129	BN	20	B	15	L	DRY
VR 81768 A	MB	THEA 9	563233	5458753	BN	15	B	5	L	DRY
VR 81769 A	MB	THEA 15	563210	5458552	BN	10	B	5	L	DRY
VR 81770 A	MB	THEA 15	563211	5458368	BN	20	B	10	L	DRY
VR 81771 A	MB	THEA 15	563287	5458223	BN	30	B	10	L	DRY
VR 81772 A	MB	THEA 15	563155	5458111	BN	20	B	10	L	DRY

Appendix IV

Soil Sample Results

IRISHMAN CREEK PROJECT
Soil Sample Results

Appendix IV

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
VR81502A	-0.2	1.8	-2	40	-0.5	-2	0.03	-0.5	4	14	12	2.49	-10	-1	0.12	10		0.32	130
VR81503A	-0.2	1.73	2	40	-0.5	-2	0.03	-0.5	4	14	13	2.18	-10	-1	0.1	10		0.27	150
VR81504A	-0.2	1.76	-2	60	0.5	-2	0.04	-0.5	8	16	23	2.36	-10	-1	0.33	20		0.47	225
VR81505A	-0.2	3.83	-2	40	-0.5	-2	0.03	-0.5	4	14	13	2.57	-10	-1	0.09	-10		0.25	150
VR81506A	-0.2	3.05	-2	40	-0.5	-2	0.03	-0.5	3	12	12	1.94	-10	-1	0.12	10		0.24	150
VR81507A	-0.2	1.62	-2	60	-0.5	-2	0.07	-0.5	7	15	20	2.06	-10	-1	0.24	20		0.38	195
VR81508A	-0.2	1.83	4	50	-0.5	-2	0.07	-0.5	7	14	27	2.17	-10	-1	0.2	20		0.33	220
VR81509A	-0.2	2.18	6	80	-0.5	-2	0.06	-0.5	7	18	18	3	-10	-1	0.17	10		0.44	175
VR81510A	0.2	2.69	2	60	-0.5	-2	0.07	-0.5	5	14	32	2.45	-10	-1	0.09	10		0.25	200
VR81511A	-0.2	1.82	4	40	-0.5	-2	0.12	-0.5	8	13	136	2.15	-10	-1	0.16	10		0.39	150
VR81512A	-0.2	1.17	12	20	-0.5	-2	0.13	-0.5	6	8	89	2.11	-10	-1	0.08	-10		0.24	115
VR81513A	-0.2	1.82	6	60	-0.5	-2	0.06	-0.5	5	16	22	1.97	-10	-1	0.16	10		0.34	165
VR81514A	0.2	3.4	4	50	-0.5	-2	0.05	-0.5	4	16	11	2.53	-10	-1	0.17	-10		0.28	130
VR81515A	-0.2	2.56	4	60	-0.5	-2	0.1	-0.5	5	19	19	2.29	-10	-1	0.22	-10		0.35	185
VR81516A	-0.2	2.37	4	50	-0.5	-2	0.06	-0.5	5	16	16	2.37	-10	-1	0.21	10		0.34	145
VR81517A	-0.2	1.87	6	50	-0.5	-2	0.07	-0.5	6	14	20	2.01	-10	-1	0.14	10		0.34	160
VR81518A	-0.2	2.04	6	50	-0.5	-2	0.05	-0.5	5	15	17	2.13	-10	-1	0.16	10		0.34	155
VR81519A	-0.2	1.61	4	40	-0.5	-2	0.05	-0.5	7	12	10	2.57	-10	-1	0.09	-10		0.25	135
VR81520A	0.2	1.3	4	50	-0.5	-2	0.06	-0.5	8	9	15	2.38	-10	-1	0.08	10		0.15	250
VR81521A	0.2	3.62	4	110	0.5	-2	0.07	-0.5	10	19	15	3.99	10	-1	0.17	-10		0.29	215
VR81522A	-0.2	3.42	8	80	0.5	-2	0.07	-0.5	9	19	29	2.74	-10	-1	0.16	20		0.44	185
VR81523A	0.2	2.69	-2	90	0.5	-2	0.08	-0.5	9	19	27	2.66	-10	-1	0.18	10		0.4	270
VR81524A	-0.2	3.22	4	140	0.5	-2	0.05	-0.5	13	21	24	2.76	-10	-1	0.25	10		0.48	235
VR81525A	-0.2	2.43	6	80	0.5	-2	0.08	-0.5	9	18	27	2.46	-10	-1	0.33	30		0.45	245
VR81526A	0.2	3.11	-2	80	0.5	-2	0.06	-0.5	10	17	16	2.67	-10	-1	0.18	10		0.33	215
VR81527A	-0.2	1.47	2	40	-0.5	-2	0.08	-0.5	7	14	23	1.97	-10	-1	0.21	10		0.36	175
VR81528A	0.4	1.97	4	60	1	-2	0.09	-0.5	12	12	64	2.38	-10	-1	0.1	40		0.21	285
VR81529A	0.2	1.71	-2	80	0.5	-2	0.07	-0.5	13	12	35	2.62	-10	-1	0.1	10		0.21	410
VR81530A	0.2	1.75	-2	70	-0.5	-2	0.07	-0.5	6	14	13	2.81	-10	-1	0.16	-10		0.22	500
VR81531A	-0.2	2.24	-2	70	0.5	-2	0.06	-0.5	7	15	16	2.36	-10	-1	0.19	10		0.31	235
VR81532A	0.2	2.72	2	110	0.5	-2	0.06	-0.5	8	13	15	2.17	-10	-1	0.16	-10		0.29	180
VR81533A	-0.2	1.33	4	50	-0.5	-2	0.06	-0.5	6	14	21	2.23	-10	-1	0.22	10		0.27	245
VR81534A	-0.2	2.22	-2	50	-0.5	-2	0.04	-0.5	5	17	12	2.44	-10	-1	0.13	10		0.46	150
VR81535A	-0.2	3.39	-2	40	0.5	-2	0.04	-0.5	6	11	28	2.28	-10	-1	0.08	50		0.17	250
VR81536A	-0.2	2.52	2	50	-0.5	-2	0.04	-0.5	6	18	14	2.77	-10	-1	0.15	10		0.47	185
VR81537A	-0.2	2.23	-2	40	-0.5	-2	0.04	-0.5	4	12	14	2.09	-10	-1	0.13	10		0.3	350

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
VR81502A	-1	-0.01		8	310	12	-2	1		4			0.06	-10	-10	32	-10		48		A9731397
VR81503A	-1	-0.01		7	230	12	2	1		3			0.05	-10	-10	32	-10		34		A9731397
VR81504A	-1	-0.01		14	160	16	2	2		6			0.09	-10	-10	24	-10		58		A9731397
VR81505A	-1	-0.01		7	360	10	-2	3		4			0.08	-10	-10	30	-10		40		A9731397
VR81506A	-1	-0.01		7	270	10	-2	2		4			0.08	-10	-10	25	-10		34		A9731397
VR81507A	-1	-0.01		11	210	16	-2	3		6			0.09	-10	-10	25	-10		50		A9731397
VR81508A	-1	-0.01		10	250	14	-2	2		6			0.09	-10	-10	26	-10		44		A9731397
VR81509A	-1	-0.01		12	180	12	-2	3		5			0.09	-10	-10	32	-10		76		A9731397
VR81510A	-1	0.01		9	510	70	-2	2		7			0.11	-10	-10	37	-10		94		A9731397
VR81511A	-1	-0.01		16	220	8	-2	3		6			0.09	-10	-10	35	-10		46		A9731397
VR81512A	-1	-0.01		9	220	6	-2	1		4			0.1	-10	-10	28	-10		28		A9731397
VR81513A	-1	-0.01		9	180	16	-2	2		4			0.09	-10	-10	22	-10		72		A9731397
VR81514A	-1	-0.01		9	320	12	-2	3		4			0.1	-10	-10	26	-10		60		A9731397
VR81515A	-1	-0.01		12	240	12	-2	3		5			0.12	-10	-10	28	-10		68		A9731397
VR81516A	-1	-0.01		11	200	12	-2	3		4			0.1	-10	-10	27	-10		54		A9731397
VR81517A	-1	-0.01		10	220	12	-2	2		5			0.08	-10	-10	23	-10		60		A9731397
VR81518A	-1	-0.01		10	230	14	2	2		3			0.08	-10	-10	23	-10		70		A9731397
VR81519A	-1	-0.01		8	270	16	-2	1		5			0.09	-10	-10	31	-10		46		A9731397
VR81520A	1	0.01		6	250	28	2	1		6			0.13	-10	-10	33	-10		40		A9731397
VR81521A	-1	-0.01		14	270	32	-2	3		8			0.18	-10	-10	42	-10		210		A9731397
VR81522A	-1	-0.01		16	510	22	-2	3		9			0.11	-10	-10	30	-10		182		A9731397
VR81523A	-1	-0.01		15	380	22	-2	3		7			0.13	-10	-10	32	-10		122		A9731397
VR81524A	-1	-0.01		19	240	26	-2	4		7			0.14	-10	-10	34	-10		148		A9731397
VR81525A	-1	-0.01		15	280	24	-2	3		9			0.13	-10	-10	24	-10		78		A9731397
VR81526A	-1	-0.01		12	240	16	-2	3		5			0.13	-10	-10	31	-10		98		A9731397
VR81527A	-1	-0.01		11	190	12	-2	2		5			0.09	-10	-10	21	-10		48		A9731397
VR81528A	-1	0.01		13	430	32	-2	3		12			0.11	-10	-10	29	-10		50		A9731397
VR81529A	-1	0.01		11	360	36	-2	1		8			0.13	-10	-10	33	-10		54		A9731397
VR81530A	-1	-0.01		8	520	18	-2	1		6			0.11	-10	-10	33	-10		66		A9731397
VR81531A	-1	-0.01		12	220	60	-2	2		6			0.1	-10	-10	26	-10		72		A9731397
VR81532A	-1	-0.01		12	340	16	-2	2		6			0.11	-10	-10	28	-10		100		A9731397
VR81533A	-1	-0.01		10	220	20	-2	2		6			0.09	-10	-10	24	-10		44		A9731397
VR81534A	-1	-0.01		10	190	14	-2	2		4			0.06	-10	-10	28	-10		52		A9731397
VR81535A	-1	0.01		8	370	28	-2	2		6			0.11	-10	-10	25	-10		42		A9731397
VR81536A	-1	-0.01		12	490	22	-2	2		5			0.07	-10	-10	29	-10		70		A9731397
VR81537A	-1	-0.01		8	250	14	-2	2		4			0.07	-10	-10	23	-10		40		A9731397

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
VR81538A	-0.2	1.79	-2	50	-0.5	-2	0.05	-0.5	6	15	17	2.28	-10	-1	0.15	30		0.41	180
VR81539A	0.2	1.91	2	40	-0.5	-2	0.05	-0.5	5	15	13	2.08	-10	-1	0.15	10		0.37	165
VR81540A	-0.2	1.61	-2	40	-0.5	-2	0.09	-0.5	5	16	15	3	-10	-1	0.18	10		0.41	170
VR81541A	-0.2	3.38	-2	40	0.5	-2	0.04	-0.5	7	12	23	2.52	-10	-1	0.09	40		0.2	295
VR81542A	-0.2	2.54	2	60	-0.5	-2	0.04	-0.5	5	15	13	2.38	-10	-1	0.16	10		0.35	225
VR81543A	-0.2	1.82	2	60	0.5	-2	0.04	-0.5	8	14	17	2.95	-10	-1	0.11	30		0.32	275
VR81544A	-0.2	1.48	2	40	-0.5	-2	0.04	-0.5	5	14	15	2.2	-10	-1	0.23	10		0.4	165
VR81545A	-0.2	1.99	-2	50	-0.5	-2	0.03	-0.5	4	16	13	2.66	-10	-1	0.2	-10		0.34	155
VR81546A	-0.2	2.32	4	50	0.5	-2	0.03	-0.5	4	14	12	2.43	-10	-1	0.14	10		0.22	150
VR81547A	0.2	2.33	-2	50	-0.5	-2	0.03	-0.5	3	14	8	2.36	-10	-1	0.14	-10		0.21	110
VR81548A	0.2	1.58	2	40	-0.5	-2	0.04	-0.5	3	13	7	3.46	-10	-1	0.09	-10		0.15	240
VR81549A	0.2	1.45	-2	40	-0.5	-2	0.05	-0.5	3	12	14	2.02	-10	-1	0.13	-10		0.24	160
VR81550A	-0.2	2.04	-2	50	-0.5	-2	0.05	-0.5	4	11	10	1.86	-10	-1	0.14	10		0.19	140
VR81602A	-0.2	2.6	-2	80	0.5	-2	0.16	-0.5	13	12	39	2.94	-10	-1	0.28	30		0.4	390
VR81603A	-0.2	1.37	2	40	-0.5	-2	0.09	-0.5	6	9	19	1.93	-10	-1	0.21	20		0.28	195
VR81604A	-0.2	2.14	2	100	0.5	-2	0.09	-0.5	10	15	30	2.77	-10	-1	0.42	40		0.45	315
VR81605A	-0.2	1.58	2	80	-0.5	-2	0.07	-0.5	5	12	19	1.98	-10	-1	0.29	20		0.35	225
VR81606A	-0.2	2.64	8	70	1.5	-2	0.08	-0.5	11	19	24	2.87	-10	1	0.27	50		0.42	655
VR81607A	-0.2	2.94	2	50	0.5	-2	0.05	-0.5	5	14	15	2.98	-10	-1	0.12	10		0.23	235
VR81608A	-0.2	1.37	2	60	-0.5	-2	0.09	-0.5	6	11	8	1.71	-10	-1	0.22	10		0.3	205
VR81609A	-0.2	2.04	6	80	0.5	-2	0.07	-0.5	8	15	22	2.25	-10	-1	0.36	30		0.38	295
VR81610A	-0.2	1.93	10	70	0.5	-2	0.07	-0.5	6	13	20	2.24	-10	-1	0.26	20		0.33	245
VR81611A	-0.2	1.65	6	70	0.5	-2	0.06	-0.5	7	12	27	2.21	-10	-1	0.35	40		0.37	275
VR81612A	0.6	3.15	8	100	0.5	-2	0.05	-0.5	23	13	135	4.15	-10	-1	0.24	20		0.34	660
VR81613A	0.2	4.32	8	50	-0.5	-2	0.03	-0.5	6	15	35	3.23	-10	-1	0.11	10		0.27	340
VR81614A	-0.2	3	8	70	0.5	-2	0.05	-0.5	5	16	21	2.74	-10	-1	0.23	30		0.37	510
VR81615A	-0.2	3.11	10	60	-0.5	-2	0.04	-0.5	6	13	23	2.45	-10	-1	0.17	10		0.3	265
VR81616A	-0.2	2.41	10	50	-0.5	-2	0.06	-0.5	5	13	19	2.17	-10	-1	0.22	20		0.31	195
VR81617A	-0.2	2.4	-2	50	-0.5	-2	0.05	-0.5	5	13	19	2.38	-10	-1	0.2	20		0.27	185
VR81618A	-0.2	2.06	-2	40	-0.5	-2	0.03	-0.5	5	15	11	2.99	-10	-1	0.15	10		0.36	185
VR81619A	-0.2	1.11	2	40	-0.5	-2	0.09	-0.5	5	10	16	1.6	-10	-1	0.28	30		0.29	195
VR81620A	-0.2	2.22	2	50	-0.5	-2	0.05	-0.5	6	15	17	2.36	-10	-1	0.25	30		0.42	210
VR81621A	-0.2	1.58	-2	40	-0.5	-2	0.06	-0.5	5	13	11	2.39	-10	-1	0.16	10		0.29	245
VR81622A	-0.2	2.78	6	80	0.5	-2	0.07	-0.5	11	23	23	3.86	-10	-1	0.27	20		0.56	310
VR81623A	-0.2	1.32	2	40	-0.5	-2	0.08	-0.5	4	13	15	1.72	-10	-1	0.23	10		0.32	180
VR81624A	-0.2	1.28	2	50	-0.5	-2	0.11	-0.5	6	12	17	1.73	-10	-1	0.27	10		0.33	255

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
VR81538A	-1	-0.01		11	210	20	-2	2		5			0.08	-10	-10	26	-10		52		A9731397
VR81539A	-1	-0.01		9	280	12	-2	2		4			0.07	-10	-10	20	-10		56		A9731397
VR81540A	-1	-0.01		11	290	12	-2	1		7			0.07	-10	-10	25	-10		48		A9731397
VR81541A	1	-0.01		8	540	22	-2	2		6			0.09	-10	-10	24	-10		58		A9731397
VR81542A	-1	-0.01		10	230	12	-2	2		4			0.08	-10	-10	24	-10		52		A9731397
VR81543A	1	-0.01		11	280	22	-2	1		6			0.1	-10	-10	34	-10		70		A9731397
VR81544A	-1	-0.01		10	190	16	-2	1		4			0.08	-10	-10	18	-10		52		A9731397
VR81545A	-1	-0.01		9	190	18	-2	2		3			0.09	-10	-10	20	-10		54		A9731397
VR81546A	-1	-0.01		7	250	12	-2	2		4			0.1	-10	-10	24	-10		44		A9731397
VR81547A	-1	-0.01		7	200	10	-2	2		4			0.08	-10	-10	22	-10		40		A9731397
VR81548A	-1	-0.01		5	370	14	-2	1		5			0.11	-10	-10	32	-10		32		A9731397
VR81549A	-1	-0.01		7	330	28	-2	1		5			0.1	-10	-10	30	-10		44		A9731397
VR81550A	-1	-0.01		7	240	10	-2	1		6			0.08	-10	-10	21	-10		42		A9731397
VR81602A	-1	-0.01		13	340	18	-2	5		8			0.12	-10	-10	39	-10		88		A9730250
VR81603A	-1	-0.01		10	240	20	-2	2		5			0.07	-10	-10	18	-10		62		A9730250
VR81604A	-1	-0.01		13	210	24	-2	4		9			0.1	-10	-10	28	-10		70		A9730250
VR81605A	-1	-0.01		10	70	18	-2	2		6			0.09	-10	-10	16	-10		62		A9730250
VR81606A	-1	-0.01		11	380	42	-2	4		9			0.11	-10	-10	30	-10		118		A9730250
VR81607A	-1	-0.01		8	510	34	-2	2		5			0.12	-10	-10	31	-10		66		A9730250
VR81608A	-1	-0.01		9	130	24	-2	1		5			0.08	-10	-10	15	-10		54		A9730250
VR81609A	-1	-0.01		13	120	46	-2	3		7			0.1	-10	-10	18	-10		88		A9730250
VR81610A	-1	-0.01		11	190	30	-2	2		5			0.09	-10	-10	22	-10		82		A9730250
VR81611A	-1	-0.01		11	110	32	-2	2		7			0.11	-10	-10	16	-10		86		A9730250
VR81612A	-1	-0.01		21	400	24	-2	7		6			0.12	-10	-10	111	-10		156		A9730250
VR81613A	1	-0.01		9	660	28	-2	3		5			0.13	-10	-10	34	-10		132		A9730250
VR81614A	-1	-0.01		13	640	30	-2	2		6			0.1	-10	-10	24	-10		210		A9730250
VR81615A	-1	-0.01		9	330	34	-2	3		5			0.11	-10	-10	25	-10		106		A9730250
VR81616A	-1	-0.01		11	340	34	-2	2		5			0.09	-10	-10	19	-10		72		A9730250
VR81617A	-1	-0.01		10	340	20	-2	2		6			0.1	-10	-10	22	-10		54		A9730250
VR81618A	-1	-0.01		10	300	16	-2	1		4			0.12	-10	-10	27	-10		60		A9730250
VR81619A	-1	-0.01		9	260	18	-2	1		4			0.08	-10	-10	11	-10		44		A9730250
VR81620A	-1	-0.01		13	250	22	-2	2		4			0.1	-10	-10	16	-10		62		A9730250
VR81621A	-1	-0.01		8	380	20	-2	1		6			0.11	-10	-10	25	-10		48		A9730250
VR81622A	-1	-0.01		16	420	22	-2	3		8			0.12	-10	-10	35	-10		110		A9731397
VR81623A	-1	-0.01		8	160	12	-2	2		5			0.1	-10	-10	20	-10		50		A9731397
VR81624A	-1	-0.01		9	170	14	-2	2		5			0.1	-10	-10	22	-10		52		A9731397

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
VR81625A	-0.2	1.21	4	40	-0.5	-2	0.15	-0.5	5	10	17	1.55	-10	-1	0.21	10		0.28	170
VR81626A	-0.2	2.4	8	40	0.5	-2	0.1	-0.5	7	15	60	2.06	-10	-1	0.16	20		0.34	180
VR81627A	-0.2	1.13	6	40	-0.5	-2	0.13	-0.5	8	12	28	1.63	-10	-1	0.29	10		0.3	205
VR81628A	-0.2	1.37	4	30	-0.5	-2	0.07	-0.5	5	12	38	1.83	-10	-1	0.15	10		0.32	145
VR81629A	-0.2	1.07	-2	30	-0.5	-2	0.05	-0.5	4	11	10	1.47	-10	-1	0.17	10		0.28	140
VR81630A	-0.2	0.89	4	20	-0.5	-2	0.02	-0.5	4	8	11	1.33	-10	-1	0.12	-10		0.19	145
VR81631A	-0.2	0.87	-2	40	-0.5	-2	0.05	-0.5	5	10	13	1.34	-10	-1	0.22	10		0.26	155
VR81632A	-0.2	0.99	-2	30	-0.5	-2	0.04	-0.5	4	10	7	1.46	-10	-1	0.16	10		0.26	125
VR81633A	-0.2	1.25	-2	40	-0.5	-2	0.04	-0.5	4	13	8	1.89	-10	-1	0.24	10		0.34	180
VR81651A	-0.2	1.6	4	50	-0.5	-2	0.03	-0.5	6	15	18	2.17	-10	-1	0.19	10		0.32	185
VR81652A	0.2	1.82	-2	50	-0.5	-2	0.04	-0.5	4	12	28	2.64	-10	-1	0.13	10		0.17	110
VR81653A	0.2	2.05	-2	50	0.5	-2	0.05	0.5	7	10	38	1.82	-10	-1	0.12	30		0.18	135
VR81654A	0.2	2.67	-2	20	-0.5	-2	0.05	-0.5	3	7	16	2.5	10	-1	0.04	10		0.1	70
VR81655A	-0.2	1.46	-2	30	-0.5	-2	0.02	-0.5	4	13	9	2.11	-10	-1	0.19	10		0.32	160
VR81656A	-0.2	2.03	-2	50	0.5	-2	0.03	-0.5	8	14	15	2.46	-10	-1	0.17	10		0.31	225
VR81657A	-0.2	2.04	4	50	0.5	-2	0.06	-0.5	7	17	31	2.58	-10	-1	0.21	30		0.43	250
VR81658A	-0.2	1.73	4	50	-0.5	-2	0.05	-0.5	6	15	20	2.37	-10	-1	0.2	10		0.33	245
VR81659A	-0.2	1.81	4	40	-0.5	-2	0.05	-0.5	5	13	17	1.86	-10	-1	0.18	20		0.27	180
VR81660A	-0.2	1.51	2	30	-0.5	-2	0.05	-0.5	4	14	14	1.83	-10	-1	0.15	10		0.31	145
VR81661A	-0.2	1.05	4	30	-0.5	-2	0.04	-0.5	3	10	20	1.46	-10	-1	0.14	-10		0.26	120
VR81662A	-0.2	1.31	2	50	-0.5	-2	0.09	-0.5	6	11	58	1.32	-10	-1	0.11	-10		0.29	120
VR81663A	-0.2	1.02	4	30	-0.5	-2	0.08	-0.5	4	10	22	1.44	-10	-1	0.19	10		0.25	120
VR81664A	-0.2	1.15	6	50	-0.5	-2	0.06	-0.5	5	13	17	1.53	-10	-1	0.28	10		0.31	160
VR81665A	-0.2	1.9	24	90	0.5	-2	0.07	-0.5	8	16	29	2.27	-10	-1	0.45	20		0.45	255
VR81666A	0.4	3.54	2	30	0.5	-2	0.04	-0.5	1	8	28	1.9	-10	-1	0.04	10		0.12	45
VR81668A	-0.2	1.47	6	40	0.5	-2	0.04	-0.5	4	9	13	1.23	-10	-1	0.12	30		0.2	105
VR81669A	0.2	2.91	4	50	-0.5	-2	0.14	-0.5	2	11	11	2.08	-10	-1	0.07	-10		0.14	130
VR81670A	-0.2	2.25	4	50	0.5	-2	0.05	-0.5	6	12	20	1.67	-10	-1	0.12	40		0.23	150
VR81671A	-0.2	3.14	2	40	0.5	-2	0.04	-0.5	5	12	17	2.33	-10	-1	0.15	50		0.23	120
VR81672A	-0.2	1.74	-2	60	-0.5	-2	0.05	-0.5	5	14	15	2.11	-10	-1	0.28	10		0.37	165
VR81673A	-0.2	1.64	2	60	0.5	-2	0.05	-0.5	7	15	39	2.22	-10	-1	0.39	30		0.41	205
VR81674A	-0.2	1.79	10	40	-0.5	-2	0.12	-0.5	8	15	96	2.19	-10	-1	0.2	20		0.46	180
VR81675A	0.2	3.27	-2	70	0.5	-2	0.06	-0.5	8	16	20	2.5	-10	-1	0.13	20		0.3	240
VR81676A	-0.2	3.41	2	80	0.5	-2	0.04	-0.5	6	16	16	2.4	-10	-1	0.26	10		0.35	180
VR81677A	-0.2	1.84	4	60	0.5	-2	0.06	-0.5	7	16	22	2.24	-10	-1	0.31	20		0.41	185
VR81678A	-0.2	1.79	2	40	-0.5	-2	0.05	-0.5	6	15	19	2.32	-10	-1	0.2	20		0.45	165

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
VR81625A	-1	-0.01		8	220	14	-2	2		4			0.1	-10	-10	22	-10		38		A9731397
VR81626A	-1	-0.01		12	390	26	-2	3		5			0.09	-10	-10	28	-10		62		A9731397
VR81627A	-1	-0.01		10	180	12	-2	2		4			0.1	-10	-10	22	-10		48		A9731397
VR81628A	-1	-0.01		9	180	12	-2	2		4			0.08	-10	-10	22	-10		44		A9731397
VR81629A	-1	-0.01		6	70	8	-2	1		2			0.08	-10	-10	17	-10		32		A9731397
VR81630A	-1	-0.01		5	100	8	-2	1		2			0.06	-10	-10	13	-10		26		A9731397
VR81631A	-1	-0.01		8	150	10	-2	1		3			0.06	-10	-10	12	-10		36		A9731397
VR81632A	-1	-0.01		6	70	8	-2	1		3			0.09	-10	-10	14	-10		30		A9731397
VR81633A	-1	-0.01		7	170	10	-2	2		4			0.1	-10	-10	18	-10		38		A9731397
VR81651A	-1	-0.01		9	250	18	2	2		5			0.1	-10	-10	23	-10		50		A9731397
VR81652A	-1	-0.01		8	450	30	-2	1		6			0.12	-10	-10	30	-10		38		A9731397
VR81653A	-1	-0.01		11	680	28	-2	1		9			0.06	-10	-10	19	-10		38		A9731397
VR81654A	1	0.01		7	470	16	-2	1		6			0.13	-10	-10	23	-10		20		A9731397
VR81655A	-1	-0.01		8	150	10	-2	1		4			0.1	-10	-10	18	-10		42		A9731397
VR81656A	-1	-0.01		9	300	16	-2	2		6			0.1	-10	-10	27	-10		56		A9731397
VR81657A	-1	-0.01		12	360	12	-2	3		7			0.11	-10	-10	26	-10		86		A9731397
VR81658A	-1	-0.01		10	260	12	-2	3		4			0.1	-10	-10	27	-10		48		A9731397
VR81659A	-1	-0.01		9	360	10	-2	2		5			0.07	-10	-10	17	-10		46		A9731397
VR81660A	-1	-0.01		9	170	12	-2	2		3			0.08	-10	-10	21	-10		40		A9731397
VR81661A	-1	-0.01		7	80	6	-2	1		3			0.07	-10	-10	18	-10		34		A9731397
VR81662A	-1	-0.01		11	140	10	-2	2		4			0.08	-10	-10	29	-10		42		A9731397
VR81663A	-1	-0.01		8	180	12	-2	1		3			0.07	-10	-10	20	-10		34		A9731397
VR81664A	-1	-0.01		8	50	14	-2	3		6			0.09	-10	-10	20	-10		40		A9731397
VR81665A	-1	-0.01		14	180	20	-2	3		6			0.11	-10	-10	25	-10		110		A9731397
VR81666A	1	0.01		5	720	16	-2	1		6			0.07	-10	-10	19	-10		22		A9731397
VR81668A	-1	-0.01		7	350	16	-2	1		5			0.06	-10	-10	18	-10		30		A9731397
VR81669A	-1	0.01		5	400	12	-2	2		10			0.1	-10	-10	29	-10		34		A9731397
VR81670A	-1	0.01		8	290	18	-2	3		7			0.09	-10	-10	25	-10		38		A9731397
VR81671A	-1	-0.01		7	410	12	-2	3		5			0.11	-10	-10	25	-10		60		A9731397
VR81672A	-1	-0.01		9	280	16	-2	2		4			0.1	-10	-10	18	-10		44		A9731397
VR81673A	-1	-0.01		14	170	32	-2	2		6			0.1	-10	-10	19	-10		54		A9731397
VR81674A	-1	-0.01		17	230	26	-2	3		5			0.1	-10	-10	29	-10		60		A9731397
VR81675A	-1	0.01		12	660	18	-2	3		8			0.11	-10	-10	32	-10		94		A9731397
VR81676A	-1	-0.01		12	300	12	2	3		5			0.11	-10	-10	26	-10		90		A9731397
VR81677A	-1	-0.01		13	240	16	-2	3		6			0.08	-10	-10	26	-10		54		A9731397
VR81678A	-1	-0.01		12	260	16	-2	2		3			0.06	-10	-10	20	-10		68		A9731397

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
VR81679A	-0.2	1.51	-2	40	-0.5	-2	0.04	-0.5	6	15	18	2.15	-10	-1	0.15	30		0.51	165
VR81680A	-0.2	2.83	4	60	0.5	-2	0.05	-0.5	15	20	35	3.19	-10	-1	0.13	50		0.42	325
VR81681A	0.2	2.61	2	40	0.5	-2	0.05	-0.5	1	9	25	1.25	-10	-1	0.04	10		0.06	40
VR81682A	-0.2	1.97	2	50	-0.5	-2	0.05	-0.5	7	17	19	2.28	-10	-1	0.19	10		0.53	165
VR81683A	-0.2	1.39	-2	30	-0.5	-2	0.08	-0.5	5	13	16	1.78	-10	-1	0.14	10		0.28	140
VR81684A	-0.2	0.81	-2	30	-0.5	-2	0.05	-0.5	6	11	13	1.58	-10	-1	0.15	10		0.27	220
VR81685A	0.2	2.69	-2	60	0.5	-2	0.04	-0.5	8	18	18	2.95	-10	-1	0.16	20		0.33	460
VR81686A	-0.2	1.03	2	30	-0.5	-2	0.05	-0.5	4	11	13	1.58	-10	-1	0.14	10		0.27	115
VR81687A	-0.2	1.7	4	40	-0.5	-2	0.05	-0.5	6	15	13	2.15	-10	-1	0.11	10		0.36	135
VR81688A	-0.2	1.53	8	40	-0.5	-2	0.05	-0.5	6	15	15	2.35	-10	-1	0.17	10		0.43	175
VR81689A	-0.2	1.55	-2	40	-0.5	-2	0.03	-0.5	3	12	13	1.84	-10	-1	0.23	10		0.3	145
VR81690A	-0.2	3.88	-2	20	-0.5	-2	0.02	-0.5	2	9	12	1.9	-10	-1	0.05	10		0.12	60
VR81691A	0.2	2.75	-2	50	-0.5	-2	0.03	-0.5	4	18	10	2.66	-10	-1	0.17	-10		0.31	155
VR81692A	-0.2	1.55	4	50	-0.5	-2	0.03	-0.5	4	13	13	1.92	-10	-1	0.23	10		0.32	155
VR81693A	-0.2	1.42	2	50	-0.5	-2	0.05	-0.5	4	13	11	2.2	-10	-1	0.21	10		0.27	200
VR81694A	-0.2	0.72	-2	40	-0.5	-2	0.07	-0.5	2	10	7	1.39	-10	-1	0.1	-10		0.12	80
VR81695A	-0.2	1.49	-2	40	-0.5	-2	0.04	-0.5	4	14	9	2.1	-10	-1	0.22	10		0.36	165
VR81713A	-0.2	1.39	-2	40	-0.5	-2	0.04	-0.5	3	10	11	1.46	-10	-1	0.22	10		0.23	120
VR81714A	-0.2	1.51	-2	50	-0.5	-2	0.03	-0.5	5	12	19	1.9	-10	-1	0.26	20		0.32	165
VR81715A	-0.2	1.28	-2	50	-0.5	-2	0.03	-0.5	5	12	16	1.73	-10	-1	0.25	10		0.29	150
VR81716A	0.2	1.38	-2	30	0.5	-2	0.03	-0.5	3	9	9	2.41	-10	-1	0.08	50		0.12	95
VR81717A	-0.2	1.12	-2	30	-0.5	-2	0.11	-0.5	8	9	41	1.61	-10	-1	0.19	10		0.26	190
VR81718A	-0.2	1.79	-2	50	0.5	-2	0.04	-0.5	5	14	18	1.93	-10	-1	0.21	20		0.32	185
VR81719A	-0.2	2.32	4	50	1	-2	0.09	-0.5	9	15	18	2.13	-10	-1	0.18	20		0.3	205
VR81720A	-0.2	1.14	-2	30	-0.5	-2	0.05	-0.5	5	9	25	1.47	-10	-1	0.17	10		0.23	125
VR81721A	-0.2	1.38	2	50	-0.5	-2	0.04	-0.5	6	11	22	1.86	-10	-1	0.2	10		0.28	165
VR81722A	-0.2	1.57	-2	60	0.5	-2	0.06	-0.5	8	16	29	2.51	-10	-1	0.34	40		0.46	265
VR81723A	-0.2	1.3	-2	50	-0.5	-2	0.12	-0.5	10	9	35	1.94	-10	-1	0.21	10		0.3	240
VR81724A	-0.2	1.98	-2	60	0.5	-2	0.06	-0.5	8	12	33	2.4	-10	-1	0.22	10		0.35	250
VR81725A	-0.2	1.75	2	60	-0.5	-2	0.07	-0.5	6	15	37	2.49	-10	-1	0.3	10		0.45	230
VR81726A	-0.2	2.11	2	50	-0.5	-2	0.04	-0.5	6	15	19	2.04	-10	-1	0.15	10		0.39	210
VR81727A	-0.2	1.89	-2	70	0.5	-2	0.08	-0.5	9	18	23	2.59	-10	-1	0.23	10		0.44	545
VR81728A	0.2	2.09	-2	60	-0.5	-2	0.05	-0.5	6	16	15	2.47	-10	-1	0.24	10		0.34	355
VR81729A	0.2	1.26	4	60	-0.5	-2	0.05	-0.5	6	14	8	2.12	-10	-1	0.19	10		0.3	285
VR81752A	0.2	1.77	-2	40	-0.5	-2	0.03	-0.5	3	11	11	2.22	-10	-1	0.09	10		0.18	105
VR81753A	-0.2	1.57	-2	60	-0.5	-2	0.03	-0.5	5	13	16	2.01	-10	-1	0.29	10		0.35	185

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
VR81679A	-1	-0.01		12	160	16	-2	2		6			0.05	-10	-10	22	-10		46		A9731397
VR81680A	-1	-0.01		14	400	40	-2	3		7			0.07	-10	-10	38	-10		88		A9731397
VR81681A	1	0.01		4	910	18	-2	-1		6			0.04	-10	-10	16	-10		20		A9731397
VR81682A	-1	-0.01		13	150	16	-2	2		5			0.07	-10	-10	25	-10		46		A9731397
VR81683A	-1	-0.01		9	260	14	-2	1		3			0.07	-10	-10	16	-10		36		A9731397
VR81684A	-1	-0.01		8	120	10	-2	1		3			0.08	-10	-10	15	-10		36		A9731397
VR81685A	-1	-0.01		10	390	22	-2	3		7			0.11	-10	-10	41	-10		110		A9731397
VR81686A	-1	-0.01		8	150	14	-2	1		3			0.06	-10	-10	15	-10		34		A9731397
VR81687A	-1	-0.01		10	200	14	-2	1		4			0.07	-10	-10	22	-10		46		A9731397
VR81688A	-1	-0.01		10	160	12	-2	1		4			0.08	-10	-10	24	-10		52		A9731397
VR81689A	-1	-0.01		7	190	16	-2	1		2			0.07	-10	-10	15	-10		34		A9731397
VR81690A	-1	-0.01		4	300	12	-2	3		3			0.1	-10	-10	21	-10		18		A9731397
VR81691A	-1	-0.01		8	260	18	-2	3		4			0.11	-10	-10	30	-10		54		A9731397
VR81692A	-1	-0.01		9	180	12	-2	1		4			0.09	-10	-10	15	-10		46		A9731397
VR81693A	-1	-0.01		8	360	18	-2	1		5			0.1	-10	-10	22	-10		42		A9731397
VR81694A	-1	-0.01		4	230	12	-2	1		5			0.09	-10	-10	30	-10		24		A9731397
VR81695A	-1	-0.01		8	240	42	-2	1		4			0.11	-10	-10	24	-10		42		A9731397
VR81713A	-1	-0.01		8	240	10	-2	1		4			0.06	-10	-10	13	-10		32		A9731397
VR81714A	-1	-0.01		10	190	14	-2	1		5			0.09	-10	-10	15	-10		42		A9731397
VR81715A	-1	-0.01		11	220	16	-2	1		4			0.08	-10	-10	13	-10		46		A9731397
VR81716A	-1	-0.01		5	180	124	-2	1		5			0.1	-10	-10	30	-10		48		A9731397
VR81717A	-1	-0.01		9	280	22	-2	2		4			0.08	-10	-10	26	-10		44		A9731397
VR81718A	-1	-0.01		11	290	22	-2	2		6			0.08	-10	-10	19	-10		74		A9731397
VR81719A	-1	-0.01		10	230	58	-2	3		8			0.08	-10	-10	23	-10		40		A9731397
VR81720A	-1	-0.01		7	210	12	-2	1		3			0.06	-10	-10	18	-10		30		A9731397
VR81721A	-1	-0.01		8	230	14	2	3		3			0.08	-10	-10	26	-10		44		A9731397
VR81722A	-1	-0.01		11	130	16	-2	4		9			0.11	-10	-10	31	-10		50		A9731397
VR81723A	-1	-0.01		8	280	14	-2	3		3			0.08	-10	-10	30	-10		44		A9731397
VR81724A	-1	-0.01		10	310	16	-2	3		4			0.08	-10	-10	36	-10		84		A9731397
VR81725A	-1	-0.01		10	90	20	-2	3		6			0.12	-10	-10	35	-10		76		A9731397
VR81726A	-1	-0.01		12	490	30	-2	2		4			0.06	-10	-10	23	-10		72		A9731397
VR81727A	-1	-0.01		12	270	16	-2	3		6			0.11	-10	-10	35	-10		82		A9731397
VR81728A	1	-0.01		10	510	20	2	2		5			0.1	-10	-10	26	-10		84		A9731397
VR81729A	-1	-0.01		7	180	52	-2	1		4			0.1	-10	-10	21	-10		258		A9731397
VR81752A	-1	-0.01		6	300	16	-2	1		4			0.07	-10	-10	29	-10		34		A9731397
VR81753A	-1	-0.01		10	210	18	-2	1		4			0.1	-10	-10	19	-10		48		A9731397

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
VR81754A	0.2	3.26	-2	110	0.5	-2	0.04	-0.5	13	21	28	3.18	-10	-1	0.28	10		0.54	230
VR81755A	0.2	3.23	2	70	-0.5	-2	0.03	-0.5	7	16	14	2.71	-10	-1	0.18	10		0.3	515
VR81756A	0.2	1.79	4	90	0.5	-2	0.13	-0.5	12	13	21	2.54	-10	-1	0.18	20		0.29	970
VR81757A	0.2	2.34	-2	60	1.5	-2	0.03	-0.5	32	13	67	2.41	-10	-1	0.14	50		0.23	505
VR81758A	-0.2	2.37	2	60	0.5	-2	0.04	-0.5	6	16	12	2.27	-10	-1	0.21	20		0.35	195
VR81759A	0.2	3.48	-2	60	0.5	-2	0.03	-0.5	6	12	13	2.17	-10	-1	0.09	10		0.21	245
VR81760A	0.2	2.4	4	80	0.5	-2	0.04	-0.5	15	18	29	3.25	-10	-1	0.26	20		0.35	645
VR81761A	-0.2	2.06	2	90	1	-2	0.09	-0.5	9	19	22	2.77	-10	-1	0.4	20		0.58	305
VR81762A	-0.2	1.95	-2	70	0.5	-2	0.13	-0.5	7	17	18	2.5	-10	-1	0.29	20		0.43	235
VR81763A	-0.2	2.2	4	50	0.5	-2	0.04	-0.5	5	13	13	2.34	-10	-1	0.14	10		0.24	150
VR81764A	0.2	0.95	-2	30	-0.5	-2	0.06	-0.5	3	10	21	2.81	-10	-1	0.09	-10		0.16	170
VR81765A	-0.2	1.4	-2	30	-0.5	-2	0.01	-0.5	3	11	9	2.24	-10	-1	0.12	-10		0.19	110
VR81766A	-0.2	1.32	-2	30	-0.5	-2	0.01	-0.5	3	13	9	2.97	-10	-1	0.16	-10		0.21	140
VR81767A	-0.2	1.48	2	30	-0.5	-2	0.01	-0.5	3	13	11	2.79	-10	-1	0.12	10		0.22	165
VR81768A	-0.2	2.03	2	40	-0.5	-2	0.02	-0.5	4	16	11	3.19	-10	-1	0.23	10		0.29	200
VR81769A	0.2	1.84	-2	30	-0.5	-2	0.01	-0.5	3	11	10	2.5	-10	-1	0.14	-10		0.18	130
VR81770A	0.2	1.96	-2	40	-0.5	-2	0.02	-0.5	4	13	10	3.15	-10	-1	0.13	-10		0.23	205
VR81771A	-0.2	1.76	2	30	-0.5	-2	0.01	-0.5	3	12	12	2.35	-10	-1	0.11	-10		0.19	130
VR81772A	0.2	2.73	-2	30	-0.5	-2	0.02	-0.5	3	11	12	2.5	-10	-1	0.08	10		0.17	140
ME1800-50	0.4	1.65	-5	46		-5	0.04	-0.2	7	14	12	2.5	9		0.19	15	12	0.34	482
ME1800-100	0.2	2.48	-5	38		-5	0.04	-0.2	3	12	15	2.46	10		0.1	15	10	0.24	132
ME1800-150	0.2	3.57	8	32		-5	0.05	-0.2	3	8	18	1.94	10		0.05	11	7	0.14	89
ME1800-200	0.3	1.27	-5	31		-5	0.04	-0.2	2	11	10	3.35	10		0.09	8	5	0.16	145
ME1800-250	0.2	1.36	-5	36		-5	0.03	-0.2	3	11	9	2.56	4		0.19	14	8	0.27	169
ME1800-300	-0.2	1.56	-5	36		-5	0.03	-0.2	3	10	12	2.67	10		0.11	12	6	0.15	161
ME1800-350	-0.2	1.84	-5	39		-5	0.03	-0.2	5	12	10	2.49	6		0.22	17	10	0.33	208
ME1800-400	0.3	2.05	-5	28		-5	0.03	-0.2	2	9	15	2.79	10		0.07	13	6	0.09	146
ME1800-450	0.4	3.15	-5	29		-5	0.05	-0.2	1	10	10	3.12	9		0.08	8	6	0.09	64
ME1800-500	0.4	2.43	-5	36		-5	0.03	-0.2	3	10	14	1.7	7		0.12	29	8	0.17	151
ME1800-550	0.3	3.14	-5	42		-5	0.04	-0.2	3	14	13	2.79	9		0.13	11	10	0.24	235
ME1800-600	0.4	1.67	-5	61		-5	0.04	-0.2	3	14	10	3.79	10		0.19	21	7	0.27	158
ME1800-650	0.4	1.36	-5	61		-5	0.08	0.2	4	11	11	3.03	9		0.19	15	5	0.22	331
ME1800-700	0.5	1.84	-5	50		-5	0.06	0.4	5	12	25	3.23	13		0.13	23	7	0.22	174
ME1800-750	0.4	1.23	-5	40		-5	0.06	0.2	2	12	12	4.06	9		0.14	8	4	0.18	158
ME1800-800	0.6	1.82	-5	39		-5	0.05	0.2	8	10	21	2.46	8		0.14	29	6	0.17	433
ME1800-850	0.3	2.27	-5	70		-5	0.03	-0.2	6	15	17	2.63	6		0.36	24	13	0.46	240

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
VR81754A	-1	-0.01		23	340	52	-2	3		8			0.13	-10	-10	32	-10		154		A9731397
VR81755A	1	-0.01		10	570	18	-2	3		5			0.13	-10	-10	34	-10		86		A9731397
VR81756A	-1	-0.01		12	470	28	-2	2		14			0.12	-10	-10	32	-10		74		A9731397
VR81757A	1	-0.01		16	440	40	-2	2		7			0.08	-10	-10	25	-10		68		A9731397
VR81758A	-1	-0.01		10	340	12	-2	2		5			0.07	-10	-10	26	-10		100		A9731397
VR81759A	-1	-0.01		7	720	12	-2	1		5			0.08	-10	-10	29	-10		60		A9731397
VR81760A	-1	-0.01		14	470	26	-2	2		7			0.1	-10	-10	37	-10		72		A9731397
VR81761A	-1	-0.01		16	280	20	-2	3		14			0.12	-10	-10	25	-10		124		A9731397
VR81762A	-1	-0.01		12	510	14	-2	2		7			0.1	-10	-10	25	-10		86		A9731397
VR81763A	-1	-0.01		8	220	16	-2	2		4			0.09	-10	-10	25	-10		54		A9731397
VR81764A	-1	-0.01		6	370	26	-2	1		4			0.11	-10	-10	54	-10		34		A9731397
VR81765A	-1	-0.01		6	260	12	-2	1		3			0.08	-10	-10	25	-10		30		A9731397
VR81766A	-1	-0.01		7	280	16	-2	1		4			0.08	-10	-10	29	-10		38		A9731397
VR81767A	-1	-0.01		7	630	16	-2	1		3			0.08	-10	-10	31	-10		36		A9731397
VR81768A	-1	-0.01		9	300	12	2	1		4			0.08	-10	-10	26	-10		62		A9731397
VR81769A	-1	-0.01		7	270	14	-2	1		3			0.08	-10	-10	28	-10		38		A9731397
VR81770A	-1	-0.01		7	360	16	-2	1		3			0.09	-10	-10	30	-10		50		A9731397
VR81771A	-1	-0.01		6	270	58	-2	1		2			0.07	-10	-10	26	-10		92		A9731397
VR81772A	-1	-0.01		6	400	20	-2	1		3			0.08	-10	-10	27	-10		42		A9731397
ME1800-50	2	0.01	4	11		20	-5	-5	-20	7	-10	-10		0.13		33	-20	6	58	5	
ME1800-100	6	0.02	8	9		20	-5	-5	-20	6	-10	-10		0.13		36	-20	8	40	11	
ME1800-150	3	0.02	6	7		15	-5	-5	-20	6	-10	-10		0.14		32	-20	7	24	27	
ME1800-200	2	0.01	6	8		20	-5	-5	-20	6	-10	-10		0.15		44	-20	2	31	7	
ME1800-250	1	-0.01	5	7		13	-5	-5	-20	4	-10	-10		0.09		19	-20	6	34	2	
ME1800-300	2	0.01	5	6		23	-5	-5	-20	5	-10	-10		0.13		36	-20	4	34	5	
ME1800-350	3	-0.01	4	9		13	-5	-5	-20	5	-10	-10		0.08		25	-20	8	41	3	
ME1800-400	3	0.01	6	6		16	-5	-5	-20	4	-10	-10		0.1		31	-20	6	20	9	
ME1800-450	3	0.01	7	5		15	-5	-5	-20	6	-10	-10		0.11		29	-20	4	16	31	
ME1800-500	2	0.02	4	6		17	-5	-5	-20	5	-10	-10		0.09		25	-20	20	32	6	
ME1800-550	3	0.01	4	9		22	-5	-5	-20	5	-10	-10		0.14		36	-20	4	47	20	
ME1800-600	2	-0.01	6	8		23	-5	-5	-20	5	-10	-10		0.19		47	-20	15	38	9	
ME1800-650	2	0.01	5	9		20	-5	-5	-20	8	-10	-10		0.17		36	-20	7	40	4	
ME1800-700	2	0.02	5	11		30	-5	-5	-20	8	-10	-10		0.18		38	-20	17	42	11	
ME1800-750	2	0.01	7	7		21	-5	-5	-20	7	-10	-10		0.18		44	-20	3	36	4	
ME1800-800	3	0.02	4	8		19	-5	-5	-20	6	-10	-10		0.1		25	-20	19	36	5	
ME1800-850	3	-0.01	4	16		15	-5	-5	-20	6	-10	-10		0.11		23	-20	13	64	2	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
ME1800-900	0.7	1.9	-5	79		-5	0.07	0.3	11	13	28	2.86	9		0.19	31	9	0.28	816
ME1800-950	0.4	1.73	-5	50		-5	0.05	-0.2	5	11	18	2.42	8		0.13	20	9	0.24	213
ME1800-1000	0.4	2.36	-5	63		-5	0.04	-0.2	8	18	27	3.21	7		0.29	30	18	0.54	311
ME1800-1050	0.5	1.89	-5	58		-5	0.04	-0.2	8	13	20	2.57	7		0.17	25	11	0.29	333
ME1800-1100	0.3	1.55	-5	42		-5	0.05	-0.2	4	14	11	3.33	8		0.15	15	9	0.24	175
ME1800-1150	0.3	1.75	6	53		-5	0.04	-0.2	5	14	19	3.13	10		0.17	17	10	0.31	309
ME1800-1200	-0.2	2.06	-5	59		-5	0.04	-0.2	4	13	11	2.15	4		0.26	17	14	0.37	198
ME1800-1250	0.4	1.98	6	59		-5	0.05	-0.2	7	18	25	3.36	7		0.34	40	17	0.65	399
ME1800-1300	0.3	1.64	-5	57		-5	0.06	-0.2	6	16	17	2.76	7		0.18	19	10	0.37	273
ME1800-1350	-0.2	1.8	-5	60		-5	0.04	-0.2	4	13	11	2.46	6		0.21	17	11	0.32	229
ME1800-1400	0.4	3.18	-5	62		-5	0.06	-0.2	4	13	13	2.77	9		0.16	12	11	0.24	543
ME1800-1450	0.6	2.93	-5	47		-5	0.05	-0.2	3	11	14	2.65	9		0.13	20	12	0.19	147
ME1800-1500	0.2	3.61	-5	60		-5	0.04	-0.2	8	14	20	2.78	10		0.17	16	14	0.31	753
ME1800-1550	0.3	2.67	-5	63		-5	0.04	-0.2	15	15	29	2.95	8		0.21	31	15	0.4	614
ME1800-1600	0.7	2.44	-5	87		-5	0.09	-0.2	7	14	28	2.68	9		0.25	27	11	0.35	491
ME1800-1650	0.3	1.65	-5	49		-5	0.03	-0.2	5	14	11	2.21	5		0.27	18	11	0.41	219
ME1800-1700	0.4	1.56	-5	45		-5	0.06	0.2	5	11	14	2.28	9		0.17	18	8	0.27	345
ME1800-1750	0.3	1.95	-5	47		-5	0.04	-0.2	5	13	20	2.78	8		0.2	23	10	0.34	263
ME1800-1800	0.3	1.78	-5	43		-5	0.04	0.4	9	12	23	2.32	7		0.2	26	9	0.26	313
ME1800-1850	-0.2	1.59	-5	54		-5	0.04	-0.2	4	12	12	2.42	6		0.21	21	9	0.29	186
ME1800-1900	-0.2	1.92	-5	55		6	0.04	0.2	5	13	13	2.72	6		0.17	18	14	0.23	192
ME1800-1950	0.3	2.28	8	73		-5	0.04	0.2	10	15	42	3.07	8		0.19	26	14	0.38	301
ME1800-2000	-0.2	1.59	-5	83		-5	0.07	-0.2	6	12	10	2.22	7		0.19	16	11	0.28	517
ME1900-0	-0.2	2.31	-5	41		-5	0.03	0.2	8	12	30	3.75	5		0.17	27	10	0.4	740
ME1900-50	-0.2	2.6	-5	39		6	0.04	-0.2	6	13	32	3.78	5		0.16	24	11	0.4	543
ME1900-100	-0.2	1.48	-5	47		-5	0.03	-0.2	5	13	16	2.48	5		0.24	20	10	0.38	330
ME1900-200	-0.2	1.39	-5	40		-5	0.06	-0.2	4	12	11	2.59	7		0.19	12	6	0.27	338
ME1900-250	-0.2	1.71	-5	41		7	0.04	0.3	3	13	14	3.72	8		0.13	12	8	0.25	165
ME1900-300	-0.2	1.88	-5	35		-5	0.03	-0.2	3	10	14	2.43	8		0.1	18	7	0.22	151
ME1900-350	-0.2	1.54	-5	41		-5	0.03	-0.2	4	13	10	2.7	6		0.2	18	8	0.3	158
ME1900-400	-0.2	1.5	-5	38		-5	0.03	-0.2	2	10	9	3.16	8		0.13	12	5	0.19	115
ME1900-450	-0.2	2.88	-5	44		-5	0.04	-0.2	5	12	16	2.9	9		0.13	26	11	0.29	176
ME1900-500	-0.2	1.63	-5	63		-5	0.05	-0.2	4	12	10	2.74	8		0.17	15	9	0.3	267
ME1900-550	-0.2	1.75	-5	35		-5	0.03	-0.2	2	11	9	3.46	8		0.12	11	7	0.19	161
ME1900-600	-0.2	1.81	-5	38		-5	0.04	-0.2	4	11	10	2.21	5		0.16	13	9	0.24	256
ME1900-650	-0.2	1.58	-5	38		-5	0.03	-0.2	3	10	12	2.25	6		0.12	14	7	0.18	130

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
ME1800-900	2	0.02	4	14		36	-5	-5	-20	11	-10	-10		0.14		34	-20	16	61	5	
ME1800-950	2	0.02	4	11		21	-5	-5	-20	7	-10	-10		0.14		35	-20	8	46	6	
ME1800-1000	3	-0.01	5	17		24	-5	-5	-20	6	-10	-10		0.14		33	-20	16	92	6	
ME1800-1050	2	0.01	4	10		23	-5	-5	-20	7	-10	-10		0.09		30	-20	10	63	3	
ME1800-1100	1	-0.01	5	9		23	-5	-5	-20	7	-10	-10		0.12		37	-20	4	47	3	
ME1800-1150	2	0.01	4	12		26	-5	-5	-20	7	-10	-10		0.14		39	-20	5	61	4	
ME1800-1200	3	-0.01	4	11		13	-5	-5	-20	4	-10	-10		0.09		21	-20	7	59	5	
ME1800-1250	2	-0.01	4	18		21	-5	-5	-20	6	-10	-10		0.11		33	-20	11	83	3	
ME1800-1300	3	0.01	4	13		26	-5	-5	-20	8	-10	-10		0.12		35	-20	5	58	2	
ME1800-1350	2	-0.01	4	10		19	-5	-5	-20	4	-10	-10		0.1		27	-20	6	44	3	
ME1800-1400	4	0.01	5	9		18	-5	-5	-20	7	-10	-10		0.11		32	-20	5	54	15	
ME1800-1450	3	0.01	5	7		17	-5	-5	-20	6	-10	-10		0.11		32	-20	10	42	20	
ME1800-1500	4	0.02	4	12		19	-5	-5	-20	6	-10	-10		0.13		35	-20	7	77	13	
ME1800-1550	2	0.02	4	14		27	-5	-5	-20	7	-10	-10		0.15		35	-20	18	77	10	
ME1800-1600	2	0.03	4	12		31	-5	-5	-20	11	-10	-10		0.12		33	-20	13	55	8	
ME1800-1650	2	-0.01	4	11		14	-5	-5	-20	5	-10	-10		0.11		22	-20	8	48	3	
ME1800-1700	2	0.02	3	10		20	-5	-5	-20	8	-10	-10		0.11		25	-20	14	38	6	
ME1800-1750	2	0.01	4	11		19	-5	-5	-20	7	-10	-10		0.1		28	-20	15	49	6	
ME1800-1800	2	0.01	4	11		20	-5	-5	-20	6	-10	-10		0.1		26	-20	15	41	5	
ME1800-1850	2	0.01	4	10		21	-5	-5	-20	6	-10	-10		0.12		28	-20	10	48	3	
ME1800-1900	5	0.01	5	10		21	-5	-5	-20	6	-10	-10		0.12		35	-20	7	51	6	
ME1800-1950	4	0.02	4	16		31	-5	-5	-20	7	-10	-10		0.13		36	-20	10	63	7	
ME1800-2000	2	0.01	3	8		22	-5	-5	-20	9	-10	-10		0.12		32	-20	6	49	2	
ME1900-0	3	0.01	2	15		36	-5	-5	-20	5	-10	-10		0.04		29	-20	8	76	2	
ME1900-50	3	0.01	2	13		44	-5	-5	-20	7	-10	-10		0.06		34	-20	7	72	4	
ME1900-100	2	-0.01	3	11		27	-5	-5	-20	5	-10	-10		0.09		26	-20	8	57	2	
ME1900-200	3	0.01	3	9		21	-5	-5	-20	7	-10	-10		0.12		36	-20	4	39	3	
ME1900-250	3	0.01	5	8		21	-5	-5	-20	6	-10	-10		0.12		39	-20	4	36	8	
ME1900-300	3	0.01	4	9		21	-5	-5	-20	5	-10	-10		0.11		31	-20	9	33	8	
ME1900-350	2	-0.01	4	8		17	-5	-5	-20	6	-10	-10		0.12		35	-20	6	40	3	
ME1900-400	3	0.01	5	8		17	-5	-5	-20	5	-10	-10		0.14		41	-20	4	31	7	
ME1900-450	3	0.02	5	10		20	-5	-5	-20	7	-10	-10		0.13		34	-20	21	47	14	
ME1900-500	2	0.01	4	10		23	-5	-5	-20	8	-10	-10		0.14		37	-20	7	45	4	
ME1900-550	2	0.01	4	8		18	-5	-5	-20	4	-10	-10		0.12		35	-20	6	34	7	
ME1900-600	2	0.01	3	8		17	-5	-5	-20	5	-10	-10		0.1		26	-20	5	43	5	
ME1900-650	2	0.01	4	8		19	-5	-5	-20	5	-10	-10		0.09		31	-20	5	32	3	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
ME1900-700	-0.2	1.16	-5	55		-5	0.03	-0.2	3	11	10	2.17	7		0.14	12	5	0.22	474
ME1900-750	-0.2	1.59	-5	38		-5	0.04	-0.2	3	12	10	2.54	6		0.14	10	10	0.23	231
ME1900-800	-0.2	1.33	-5	54		-5	0.04	-0.2	3	11	11	2.15	8		0.12	10	5	0.18	229
ME1900-850	-0.2	1.24	-5	43		-5	0.04	-0.2	4	11	11	2.79	6		0.15	13	5	0.21	202
ME1900-900	-0.2	1.46	-5	35		-5	0.04	-0.2	3	11	8	2.45	7		0.16	11	8	0.25	137
ME1900-950	-0.2	2.3	-5	40		-5	0.04	-0.2	6	11	17	2.16	5		0.16	33	10	0.26	197
ME1900-1000	-0.2	1.58	-5	43		-5	0.03	-0.2	3	13	14	3.05	6		0.18	11	9	0.3	155
ME1900-1050	-0.2	1.49	-5	41		-5	0.04	-0.2	3	11	12	2.52	7		0.13	19	7	0.21	137
ME1900-1100	-0.2	1.48	-5	44		-5	0.03	-0.2	4	12	13	2.85	7		0.14	14	8	0.24	309
ME1900-1150	-0.2	3.04	-5	46		-5	0.04	-0.2	4	10	20	1.85	6		0.14	36	10	0.29	131
ME1900-1200	-0.2	1.55	-5	43		-5	0.03	-0.2	3	11	10	3	8		0.12	11	7	0.17	129
ME1900-1250	-0.2	2.01	-5	42		-5	0.03	-0.2	3	11	11	2.61	5		0.17	13	8	0.24	137
ME1900-1300	0.4	1.83	-5	61		-5	0.04	-0.2	16	11	21	2.14	4		0.22	32	9	0.29	840
ME1900-1350	-0.2	1.65	-5	79		-5	0.06	0.3	13	15	21	2.67	5		0.31	37	14	0.44	1248
ME1900-1400	-0.2	1.24	-5	68		-5	0.04	-0.2	4	13	12	2.21	10		0.18	13	5	0.26	175
ME1900-1450	0.2	1.55	-5	46		-5	0.03	-0.2	4	13	14	3.22	7		0.23	14	9	0.31	219
ME1900-1500	0.3	1.33	-5	46		-5	0.02	-0.2	3	12	13	3.36	12		0.12	11	5	0.17	125
ME1900-1550	0.3	1.74	-5	48		-5	0.05	-0.2	5	13	17	3.04	6		0.26	19	10	0.39	222
ME1900-1600	0.2	1.66	-5	44		-5	0.03	-0.2	4	12	13	2.4	8		0.15	14	8	0.25	248
ME1900-1650	0.3	1.65	-5	51		-5	0.03	-0.2	18	12	18	2.16	5		0.23	26	10	0.34	760
ME1900-1700	-0.2	1.49	-5	77		-5	0.05	-0.2	8	15	15	2.65	7		0.32	18	11	0.45	855
ME1900-1750	0.2	1.55	-5	66		-5	0.04	-0.2	9	14	15	2.61	6		0.27	18	12	0.4	905
ME1900-1800	0.3	1.62	-5	53		-5	0.04	-0.2	5	13	13	2.63	7		0.21	18	10	0.33	298
ME1900-1850	0.4	3.08	-5	51		-5	0.07	0.4	46	7	20	1.16	3		0.12	49	7	0.15	1282
ME1900-1900	0.3	1.68	-5	65		-5	0.04	-0.2	7	13	13	2.43	7		0.2	20	10	0.3	227
ME1900-1950	-0.2	1.43	-5	96		-5	0.08	-0.2	6	12	12	2.08	6		0.24	16	8	0.32	220
ME1900-2000	0.3	1.61	-5	65		-5	0.05	-0.2	10	13	13	2.24	6		0.27	21	12	0.35	441
ME1900-2050	0.2	1.46	-5	68		-5	0.04	-0.2	7	12	13	2.25	6		0.2	16	11	0.28	494
ME1900-2100	-0.2	1.79	-5	52		-5	0.04	-0.2	6	14	13	2.61	6		0.23	17	15	0.34	223
ME1900-2150	0.2	1.57	-5	48		-5	0.03	-0.2	10	13	14	2.34	6		0.24	21	10	0.34	601
ME1900-2200	0.3	1.43	-5	50		-5	0.04	-0.2	5	13	15	2.38	6		0.24	18	7	0.3	356
ME1900-2250	-0.2	1.85	-5	47		-5	0.03	-0.2	6	14	16	2.48	6		0.24	22	11	0.37	304
ME1900-2350	-0.2	1.34	-5	38		-5	0.05	-0.2	3	12	11	2.55	6		0.18	14	7	0.26	208
ME1900-2400	0.3	2.73	-5	38		-5	0.04	-0.2	5	13	22	4.27	10		0.14	32	11	0.32	462
ME1900-2450	-0.2	2.23	-5	39		-5	0.03	-0.2	3	15	16	4.07	9		0.16	12	8	0.24	247
ME1900-2500	0.4	1.56	-5	64		-5	0.05	-0.2	7	14	16	2.4	5		0.22	23	12	0.37	490

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
ME1900-700	2	0.01	3	7		18	-5	-5	-20	5	-10	-10		0.14		38	-20	3	41	4	
ME1900-750	3	0.01	4	8		19	-5	-5	-20	5	-10	-10		0.12		33	-20	3	40	6	
ME1900-800	3	0.01	4	7		21	-5	-5	-20	5	-10	-10		0.13		42	-20	3	34	7	
ME1900-850	3	0.01	4	8		22	-5	-5	-20	5	-10	-10		0.12		35	-20	4	34	4	
ME1900-900	2	0.01	4	7		16	-5	-5	-20	4	-10	-10		0.13		36	-20	4	38	6	
ME1900-950	2	0.01	4	8		18	-5	-5	-20	5	-10	-10		0.1		26	-20	19	39	6	
ME1900-1000	2	0.01	4	8		19	-5	-5	-20	4	-10	-10		0.13		34	-20	4	43	7	
ME1900-1050	2	0.01	4	8		17	-5	-5	-20	5	-10	-10		0.12		35	-20	8	36	4	
ME1900-1100	2	0.01	4	10		21	-5	-5	-20	5	-10	-10		0.13		36	-20	5	42	5	
ME1900-1150	2	0.02	4	10		21	-5	-5	-20	6	-10	-10		0.12		26	-20	20	39	14	
ME1900-1200	3	0.01	5	7		22	-5	-5	-20	4	-10	-10		0.12		41	-20	3	31	6	
ME1900-1250	3	0.01	5	9		16	-5	-5	-20	4	-10	-10		0.11		29	-20	5	37	12	
ME1900-1300	2	-0.01	4	10		25	-5	-5	-20	7	-10	-10		0.08		25	-20	13	50	2	
ME1900-1350	1	-0.01	3	16		31	-5	-5	-20	8	-10	-10		0.1		25	-20	12	80	1	
ME1900-1400	2	0.01	4	10		22	-5	-5	-20	7	-10	-10		0.12		38	-20	4	45	2	
ME1900-1450	2	-0.01	4	11		25	-5	-5	-20	5	-10	-10		0.14		35	-20	4	52	3	
ME1900-1500	3	0.01	5	8		25	-5	-5	-20	5	-10	-10		0.17		51	-20	3	34	6	
ME1900-1550	2	-0.01	4	12		22	-5	-5	-20	5	-10	-10		0.12		28	-20	8	53	3	
ME1900-1600	2	0.01	3	9		19	-5	-5	-20	5	-10	-10		0.1		32	-20	4	44	4	
ME1900-1650	3	0.01	3	12		20	-5	-5	-20	5	-10	-10		0.08		22	-20	11	54	1	
ME1900-1700	5	-0.01	3	13		21	-5	-5	-20	8	-10	-10		0.11		27	-20	6	74	1	
ME1900-1750	2	-0.01	3	13		21	-5	-5	-20	6	-10	-10		0.12		27	-20	7	73	2	
ME1900-1800	2	-0.01	4	11		22	-5	-5	-20	7	-10	-10		0.12		29	-20	6	54	3	
ME1900-1850	2	0.01	3	9		21	-5	-5	-20	9	-10	-10		0.03		14	-20	26	46	-1	
ME1900-1900	2	0.01	3	11		21	-5	-5	-20	7	-10	-10		0.11		32	-20	8	58	3	
ME1900-1950	2	0.01	3	12		21	-5	-5	-20	12	-10	-10		0.11		28	-20	5	56	1	
ME1900-2000	2	-0.01	3	13		21	-5	-5	-20	8	-10	-10		0.1		24	-20	9	68	2	
ME1900-2050	2	-0.01	4	11		22	-5	-5	-20	7	-10	-10		0.11		29	-20	5	68	3	
ME1900-2100	2	-0.01	4	12		22	-5	-5	-20	6	-10	-10		0.11		31	-20	5	81	3	
ME1900-2150	1	-0.01	3	12		23	-5	-5	-20	6	-10	-10		0.1		27	-20	7	67	1	
ME1900-2200	2	-0.01	4	11		22	-5	-5	-20	5	-10	-10		0.09		26	-20	6	49	1	
ME1900-2250	2	-0.01	3	12		19	-5	-5	-20	5	-10	-10		0.11		28	-20	9	55	2	
ME1900-2350	1	-0.01	3	9		19	-5	-5	-20	7	-10	-10		0.1		31	-20	3	37	2	
ME1900-2400	4	0.01	4	12		25	-5	-5	-20	6	-10	-10		0.14		47	-20	20	55	6	
ME1900-2450	3	0.01	5	10		25	-5	-5	-20	5	-10	-10		0.14		37	-20	4	38	13	
ME1900-2500	2	-0.01	4	15		22	-5	-5	-20	7	-10	-10		0.11		27	-20	8	90	2	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
MW1800-50	0.3	1.26	-5	31		-5	0.04	-0.2	2	12	10	3.41	8		0.14	13	6	0.2	146
MW1800-100	-0.2	1.51	-5	44		-5	0.04	0.3	3	14	13	3.36	10		0.16	15	7	0.28	301
MW1800-150	0.3	1.63	-5	44		-5	0.03	-0.2	3	14	17	3.38	11		0.09	17	9	0.18	140
MW1800-200	-0.2	1.47	-5	40		-5	0.05	-0.2	4	12	10	2.46	6		0.2	20	10	0.24	426
MW1800-250	0.5	1.6	-5	37		-5	0.04	-0.2	2	12	9	2.96	10		0.11	14	8	0.16	193
MW1800-350	-0.2	1.57	-5	39		-5	0.03	-0.2	5	10	16	2.57	4		0.19	25	11	0.27	356
MW1800-400	0.3	2.32	9	52		-5	0.04	0.4	5	15	17	2.92	8		0.17	24	13	0.35	424
MW1800-450	0.3	1.48	-5	37		-5	0.03	0.3	3	14	10	3.09	6		0.15	14	8	0.27	214
MW1800-500	-0.2	1.35	-5	39		-5	0.04	-0.2	2	10	10	2.9	7		0.09	15	5	0.14	156
MW1800-550	0.3	1.31	-5	40		-5	0.03	-0.2	2	13	11	3.37	7		0.15	15	7	0.26	218
MW1800-600	0.3	1.48	-5	41		-5	0.04	-0.2	4	10	10	2.5	8		0.13	16	7	0.2	349
MW1800-650	0.2	2.28	6	52		-5	0.04	-0.2	4	13	14	2.45	5		0.2	26	14	0.33	230
MW1800-700	0.2	1.69	5	41		-5	0.04	-0.2	4	11	10	2.06	3		0.17	25	14	0.33	170
MW1800-750	0.3	2.97	9	47		-5	0.04	0.3	7	12	34	2.21	7		0.13	38	12	0.28	262
MW1800-800	0.4	1.59	-5	48		-5	0.04	-0.2	4	11	13	2.29	7		0.09	21	8	0.17	220
MW1800-850	0.3	1.54	-5	66		-5	0.05	-0.2	7	13	14	2.6	6		0.2	24	12	0.32	539
MW1800-900	0.3	1.37	-5	66		-5	0.16	-0.2	5	12	12	2.47	7		0.19	18	10	0.29	301
MW1800-950	0.3	2	-5	59		-5	0.04	0.5	12	15	16	3	7		0.21	28	17	0.36	558
MW1800-1000	0.3	1.98	-5	44		-5	0.03	-0.2	3	13	10	2.85	7		0.14	21	14	0.23	174
MW1800-1050	0.2	2.8	-5	51		-5	0.03	-0.2	4	14	15	2.86	7		0.18	19	15	0.32	232
MW1800-1100	0.3	1.5	-5	46		-5	0.03	0.4	3	13	11	3.13	8		0.17	17	7	0.26	441
MW1800-1150	0.3	1.47	-5	45		-5	0.03	-0.2	3	13	9	3.01	7		0.17	16	9	0.25	241
MW1800-1200	0.3	1.49	-5	56		-5	0.03	-0.2	3	13	10	3.1	9		0.15	16	10	0.28	235
MW1800-1250	0.3	1.34	-5	46		-5	0.07	-0.2	3	13	12	2.93	8		0.18	16	9	0.26	215
MW1800-1300	-0.2	1.38	-5	58		-5	0.07	-0.2	5	13	13	2.47	8		0.21	18	10	0.29	702
MW1800-1350	0.3	1.78	-5	63		-5	0.05	0.7	10	14	19	2.72	7		0.25	33	14	0.4	786
MW1800-1400	-0.2	1.27	-5	41		-5	0.03	-0.2	3	13	10	2.35	6		0.23	18	8	0.3	202
MW1800-1450	0.2	1.21	-5	44		-5	0.03	-0.2	3	12	12	2.33	6		0.24	18	6	0.28	254
MW1800-1500	0.2	1.65	-5	73		-5	0.07	-0.2	16	13	16	2.47	6		0.28	42	17	0.42	1062
MW1800-1550	-0.2	2.14	-5	54		-5	0.03	-0.2	4	13	17	3.24	8		0.15	17	11	0.3	347
MW1800-1600	0.2	1.48	-5	51		-5	0.03	0.4	4	14	17	3.58	10		0.18	17	8	0.3	507
MW1800-1650	0.2	1.54	-5	84		-5	0.13	-0.2	19	14	22	2.36	5		0.21	50	15	0.39	572
MW1800-1700	-0.2	1.54	-5	62		-5	0.03	-0.2	7	14	17	3.03	7		0.23	24	10	0.35	774
MW1800-1750	0.3	1.89	-5	59		-5	0.04	0.4	16	13	21	2.59	6		0.23	63	14	0.38	699
MW1800-1800	0.4	1.58	-5	52		-5	0.04	-0.2	4	13	15	3.12	7		0.18	21	7	0.25	425
MW1800-1850	-0.2	1.24	-5	73		-5	0.06	0.3	4	11	12	2.86	9		0.14	16	6	0.21	300

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
MW1800-50	1	-0.01	10	8		16	-5	-5	-20	6	-10	-10		0.14		41	-20	3	37	6	
MW1800-100	2	0.01	6	8		21	-5	-5	-20	6	-10	-10		0.14		42	-20	3	44	4	
MW1800-150	2	0.01	8	9		19	-5	-5	-20	7	-10	-10		0.14		49	-20	3	43	7	
MW1800-200	1	-0.01	5	9		17	-5	-5	-20	5	-10	-10		0.1		27	-20	5	44	2	
MW1800-250	1	0.01	6	7		18	-5	-5	-20	6	-10	-10		0.12		42	-20	2	35	8	
MW1800-350	-1	-0.01	4	9		20	-5	-5	-20	5	-10	-10		0.05		18	-20	6	50	2	
MW1800-400	1	0.01	6	11		20	-5	-5	-20	6	-10	-10		0.1		34	-20	7	61	5	
MW1800-450	1	-0.01	5	7		14	-5	-5	-20	4	-10	-10		0.12		32	-20	3	39	3	
MW1800-500	1	-0.01	5	6		15	-5	-5	-20	5	-10	-10		0.08		35	-20	3	29	2	
MW1800-550	2	-0.01	5	9		29	-5	-5	-20	5	-10	-10		0.12		34	-20	3	45	4	
MW1800-600	2	-0.01	5	8		17	-5	-5	-20	6	-10	-10		0.1		36	-20	4	42	3	
MW1800-650	1	-0.01	6	9		16	-5	-5	-20	5	-10	-10		0.09		24	-20	8	52	6	
MW1800-700	1	-0.01	4	9		15	-5	-5	-20	4	-10	-10		0.07		19	-20	10	41	3	
MW1800-750	2	0.02	6	9		40	-5	-5	-20	6	-10	-10		0.11		28	-20	20	60	11	
MW1800-800	2	0.01	6	9		30	-5	-5	-20	5	-10	-10		0.09		34	-20	6	47	3	
MW1800-850	1	0.01	4	11		25	-5	-5	-20	7	-10	-10		0.1		31	-20	7	67	2	
MW1800-900	1	-0.01	4	11		26	-5	-5	-20	13	-10	-10		0.1		32	-20	5	67	2	
MW1800-950	2	0.01	4	14		25	-5	-5	-20	6	-10	-10		0.11		29	-20	11	76	3	
MW1800-1000	1	-0.01	5	9		20	-5	-5	-20	5	-10	-10		0.1		33	-20	7	47	9	
MW1800-1050	3	-0.01	4	11		23	-5	-5	-20	4	-10	-10		0.11		30	-20	6	60	10	
MW1800-1100	2	-0.01	5	8		24	-5	-5	-20	5	-10	-10		0.11		37	-20	4	45	2	
MW1800-1150	1	-0.01	4	9		20	-5	-5	-20	5	-10	-10		0.1		33	-20	3	54	2	
MW1800-1200	1	0.01	5	9		21	-5	-5	-20	6	-10	-10		0.13		37	-20	3	65	4	
MW1800-1250	2	-0.01	5	9		22	-5	-5	-20	7	-10	-10		0.11		32	-20	4	53	3	
MW1800-1300	1	0.01	3	10		26	-5	-5	-20	8	-10	-10		0.11		33	-20	4	71	2	
MW1800-1350	2	-0.01	4	12		32	-5	-5	-20	8	-10	-10		0.1		28	-20	14	87	2	
MW1800-1400	2	-0.01	4	9		19	-5	-5	-20	4	-10	-10		0.11		26	-20	5	48	2	
MW1800-1450	1	-0.01	4	9		21	-5	-5	-20	4	-10	-10		0.09		23	-20	5	45	-1	
MW1800-1500	1	-0.01	3	14		34	-5	-5	-20	9	-10	-10		0.08		25	-20	20	94	-1	
MW1800-1550	2	0.01	6	10		25	-5	-5	-20	7	-10	-10		0.12		30	-20	5	65	9	
MW1800-1600	2	0.01	4	10		24	-5	-5	-20	6	-10	-10		0.15		43	-20	4	62	3	
MW1800-1650	2	-0.01	5	14		31	-5	-5	-20	11	-10	-10		0.09		21	-20	20	72	1	
MW1800-1700	2	0.01	4	12		27	-5	-5	-20	7	-10	-10		0.11		32	-20	8	76	2	
MW1800-1750	4	-0.01	4	12		22	-5	-5	-20	6	-10	-10		0.08		23	-20	31	71	3	
MW1800-1800	2	-0.01	4	10		24	-5	-5	-20	5	-10	-10		0.08		32	-20	5	48	1	
MW1800-1850	2	-0.01	4	9		21	-5	-5	-20	8	-10	-10		0.11		35	-20	5	48	2	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
MW1800-1900	-0.2	1.5	-5	78		-5	0.06	-0.2	6	13	16	3.13	8		0.23	19	10	0.3	527
MW1800-1950	0.2	1.19	-5	43		-5	0.04	-0.2	2	11	10	2.9	7		0.14	12	6	0.18	122
MW1800-2000	0.3	1.77	-5	46		-5	0.05	0.3	6	11	13	2.6	8		0.16	29	9	0.2	306
MW1800-2050	0.3	1.66	-5	42		-5	0.04	-0.2	3	14	11	3.5	5		0.2	15	10	0.34	193
MW1800-2100	0.3	1.54	-5	55		-5	0.03	-0.2	4	14	12	3.55	7		0.22	13	12	0.33	337
MW1800-2150	-0.2	1.43	-5	38		-5	0.03	-0.2	2	13	9	3.05	6		0.16	13	11	0.26	139
MW1800-2200	0.3	1.1	-5	39		-5	0.04	-0.2	2	11	13	2.16	5		0.16	11	6	0.23	143
MW1800-2250	0.3	1.97	-5	53		-5	0.05	-0.2	4	14	13	2.75	7		0.2	13	13	0.31	296
MW1800-2300	0.4	1.6	-5	59		-5	0.06	-0.2	5	16	17	3.61	10		0.15	14	12	0.38	388
MW1800-2350	0.4	1.69	-5	84		-5	0.08	0.3	6	15	20	3.16	9		0.17	24	13	0.36	477
MW1800-2400	0.3	1.51	-5	86		-5	0.06	-0.2	7	15	17	3.01	9		0.18	24	9	0.33	534
MW1800-2450	0.4	1.79	-5	60		-5	0.06	-0.2	5	13	15	3.31	9		0.14	29	10	0.31	364
MW1800-2500	-0.2	1.21	-5	42		-5	0.04	-0.2	2	12	10	2.58	10		0.12	13	5	0.22	156
MW1800-2550	0.3	1.26	7	29		-5	0.02	-0.2	2	10	9	2.95	10		0.07	12	5	0.13	159
MW1800-2600	0.2	1.89	-5	34		-5	0.02	-0.2	1	12	10	4.44	12		0.06	12	8	0.14	114
MW1800-2650	0.2	2.98	-5	38		-5	0.04	0.2	2	12	10	2.63	9		0.11	14	11	0.24	169
MW1800-2700	0.5	1.33	-5	48		-5	0.04	0.3	3	13	17	3.31	8		0.14	18	7	0.28	283
MW1800-2750	0.3	1.34	-5	32		-5	0.03	-0.2	2	14	13	3.98	5		0.14	19	7	0.34	201
MW1800-2800	0.3	2.5	-5	65		-5	0.08	0.5	22	13	26	2.82	10		0.14	55	16	0.27	504
MW1800-2850	0.4	3.01	-5	65		-5	0.09	0.7	18	13	26	3.2	9		0.14	59	16	0.3	405
MW1800-2900	0.2	1.79	-5	40		-5	0.05	-0.2	5	14	18	2.64	9		0.19	40	11	0.47	218
MW1800-2950	-0.2	1.62	-5	33		-5	0.05	-0.2	2	12	9	2.35	9		0.09	17	8	0.2	110
MW1800-3050	-0.2	1.03	-5	26		-5	0.05	-0.2	2	9	6	1.79	7		0.08	12	3	0.13	82
MW1800-3100	0.3	2.13	5	42		-5	0.05	0.3	3	12	30	3.4	9		0.1	37	9	0.2	140
MW1800-3150	0.3	1.73	-5	47		-5	0.04	-0.2	5	15	17	3.05	8		0.16	27	14	0.49	222
MW1800-3200	0.2	1.05	-5	28		-5	0.04	-0.2	3	10	10	1.93	5		0.14	23	6	0.31	158
MW1800-3250	-0.2	1.78	-5	48		-5	0.04	0.3	3	12	21	2.83	12		0.1	27	11	0.27	133
MW1800-3300	0.2	1.79	-5	52		-5	0.04	-0.2	3	12	22	2.85	12		0.09	27	11	0.26	127
MW1800-3350	-0.2	1.46	-5	55		-5	0.05	-0.2	4	12	13	2.15	7		0.15	24	12	0.34	183
MW1800-3400	0.2	1.61	-5	57		-5	0.06	0.4	6	13	34	2.51	7		0.15	39	10	0.37	304
MW1800-3450	0.4	1.3	-5	87		-5	0.16	0.4	4	11	18	2.6	9		0.13	24	6	0.22	409
MW1800-3500	0.5	1.71	-5	80		-5	0.07	0.3	7	14	35	2.42	9		0.14	62	9	0.32	335
MW1800-3550	-0.2	1.76	-5	55		-5	0.04	-0.2	3	13	16	2.73	7		0.16	20	10	0.27	170
MW1800-3600	0.3	1.61	-5	86		-5	0.1	0.7	17	14	33	2.61	4		0.26	53	11	0.36	1789
MW1800-3650	0.2	1.7	-5	110		-5	0.12	-0.2	8	16	17	3.08	9		0.24	22	17	0.49	538
MW1800-3700	-0.2	1.46	-5	53		-5	0.04	-0.2	4	13	21	2.88	7		0.18	18	9	0.28	190

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
MW1800-1900	2	-0.01	4	10		30	-5	-5	-20	7	-10	-10		0.15		34	-20	6	61	4	
MW1800-1950	2	-0.01	6	8		20	-5	-5	-20	5	-10	-10		0.12		33	-20	3	36	3	
MW1800-2000	2	0.01	5	7		21	-5	-5	-20	6	-10	-10		0.12		34	-20	15	45	5	
MW1800-2050	2	-0.01	5	9		20	-5	-5	-20	4	-10	-10		0.11		24	-20	5	46	4	
MW1800-2100	2	0.01	6	10		19	-5	-5	-20	4	-10	-10		0.16		36	-20	3	58	6	
MW1800-2150	2	-0.01	5	9		18	-5	-5	-20	4	-10	-10		0.11		31	-20	4	37	3	
MW1800-2200	-1	-0.01	5	8		17	-5	-5	-20	5	-10	-10		0.11		26	-20	3	34	2	
MW1800-2250	2	0.01	5	10		20	-5	-5	-20	5	-10	-10		0.14		32	-20	5	61	6	
MW1800-2300	2	0.01	5	11		25	-5	-5	-20	8	-10	-10		0.15		42	-20	3	69	4	
MW1800-2350	2	0.01	5	12		31	-5	-5	-20	10	-10	-10		0.14		37	-20	9	66	3	
MW1800-2400	2	0.01	4	10		30	-5	-5	-20	10	-10	-10		0.14		39	-20	8	60	2	
MW1800-2450	2	0.01	5	10		23	-5	-5	-20	8	-10	-10		0.12		36	-20	15	52	3	
MW1800-2500	1	0.01	5	7		18	-5	-5	-20	5	-10	-10		0.16		45	-20	3	35	3	
MW1800-2550	2	0.01	4	5		19	-5	-5	-20	4	-10	-10		0.11		42	-20	3	26	4	
MW1800-2600	2	0.01	7	7		19	-5	-5	-20	4	-10	-10		0.16		45	-20	2	26	18	
MW1800-2650	2	0.01	5	7		16	-5	-5	-20	5	-10	-10		0.11		34	-20	4	35	16	
MW1800-2700	1	0.01	4	9		17	-5	-5	-20	5	-10	-10		0.11		36	-20	3	42	3	
MW1800-2750	2	-0.01	5	10		18	-5	-5	-20	4	-10	-10		0.11		31	-20	5	37	2	
MW1800-2800	3	0.02	5	11		26	-5	-5	-20	10	-10	-10		0.11		32	-20	28	52	6	
MW1800-2850	4	0.02	6	14		32	-5	-5	-20	10	-10	-10		0.1		31	-20	34	61	8	
MW1800-2900	3	-0.01	4	12		20	-5	-5	-20	7	-10	-10		0.1		26	-20	13	55	4	
MW1800-2950	2	0.01	5	7		31	-5	-5	-20	5	-10	-10		0.1		37	-20	4	28	3	
MW1800-3050	-1	-0.01	4	5		19	-5	-5	-20	6	-10	-10		0.09		35	-20	2	23	2	
MW1800-3100	3	0.01	5	10		34	-5	-5	-20	7	-10	-10		0.1		36	-20	14	41	6	
MW1800-3150	2	0.01	4	12		25	-5	-5	-20	6	-10	-10		0.14		36	-20	9	66	3	
MW1800-3200	1	-0.01	4	7		11	-5	-5	-20	3	-10	-10		0.08		19	-20	8	34	2	
MW1800-3250	1	0.02	5	8		26	-5	-5	-20	6	-10	-10		0.14		40	-20	10	41	8	
MW1800-3300	2	0.02	6	9		28	-5	-5	-20	6	-10	-10		0.15		42	-20	10	35	9	
MW1800-3350	2	0.01	4	11		22	-5	-5	-20	7	-10	-10		0.1		32	-20	9	50	2	
MW1800-3400	2	0.01	3	14		28	-5	-5	-20	9	-10	-10		0.1		28	-20	17	63	5	
MW1800-3450	2	0.02	4	9		43	-5	-5	-20	16	-10	-10		0.11		34	-20	8	63	2	
MW1800-3500	2	0.01	4	12		34	-5	-5	-20	11	-10	-10		0.1		32	-20	22	63	2	
MW1800-3550	2	0.01	4	9		39	-5	-5	-20	7	-10	-10		0.09		30	-20	5	58	3	
MW1800-3600	4	0.01	4	16		42	-5	-5	-20	13	-10	-10		0.08		26	-20	24	79	1	
MW1800-3650	2	0.01	5	14		52	-5	-5	-20	16	-10	-10		0.14		38	-20	6	105	2	
MW1800-3700	2	0.01	4	9		33	-5	-5	-20	6	-10	-10		0.13		37	-20	4	56	4	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
MW1800-3750	0.4	2.03	-5	54		-5	0.07	-0.2	3	13	15	3.08	9		0.14	62	15	0.24	180
MW1800-3800	-0.2	1.77	-5	82		-5	0.08	-0.2	5	15	19	2.6	8		0.26	37	16	0.53	265
MW1800-3850	0.4	2.43	-5	64		-5	0.05	-0.2	6	16	26	3.12	9		0.23	41	16	0.54	304
MW1800-3900	0.4	2.44	-5	53		-5	0.04	0.4	7	13	24	3.54	8		0.14	39	12	0.33	399
MW1800-3950	-0.2	1.8	6	44		-5	0.04	-0.2	7	15	21	3.5	3		0.21	20	15	0.51	219
MW1800-4000	-0.2	1.9	5	38		-5	0.04	0.3	2	11	21	3.49	5		0.14	34	6	0.2	151
MW1800-4050	-0.2	1.25	-5	57		-5	0.07	0.4	10	12	17	2.25	7		0.18	57	10	0.34	744
MW1800-4100	0.4	3.06	-5	50		-5	0.06	0.4	10	12	33	2.93	7		0.19	117	11	0.28	496
MW1800-4150	0.2	1.65	-5	41		-5	0.03	0.3	3	12	14	2.87	8		0.18	35	10	0.29	152
MW1800-4200	0.3	1.94	-5	53		-5	0.1	-0.2	3	12	28	2.84	9		0.15	43	11	0.24	129
MW1800-4300	-0.2	1.64	-5	55		-5	0.07	0.3	6	14	26	2.41	5		0.25	42	14	0.41	306
MW1800-4350	0.5	1.32	-5	53		-5	0.08	-0.2	7	17	27	2.09	7		0.19	46	7	0.26	364
MW1800-4400	0.3	2.49	-5	76		-5	0.15	0.3	10	15	24	2.64	7		0.24	90	15	0.4	429
MW1800-4450	0.4	1.87	-5	73		-5	0.08	0.6	14	12	20	2.33	6		0.22	38	15	0.34	675
MW1800-4500	0.4	1.73	-5	64		-5	0.05	-0.2	12	12	20	2.42	7		0.18	29	11	0.28	960
MW2000-0	-0.2	2.11	-5	57		-5	0.03	-0.2	6	15	23	3.11	7		0.3	37	14	0.48	365
MW2000-50	0.2	1.83	-5	49		-5	0.03	0.3	4	13	14	2.47	8		0.2	22	9	0.31	450
MW2000-100	0.3	1.77	-5	51		-5	0.08	-0.2	3	15	10	3.89	7		0.23	25	12	0.35	224
MW2000-150	-0.2	1.55	-5	53		-5	0.06	0.3	4	14	12	3.42	7		0.24	20	10	0.34	322
MW2000-200	0.3	1.91	-5	51		-5	0.04	-0.2	5	13	14	2.57	7		0.23	27	12	0.35	329
MW2000-250	0.2	1.6	-5	46		-5	0.03	0.4	2	14	13	3.98	10		0.16	17	7	0.24	224
MW2000-300	-0.2	1.35	-5	44		-5	0.04	-0.2	5	12	12	2.6	5		0.2	13	6	0.28	214
MW2000-350	0.2	1.49	-5	34		-5	0.04	-0.2	2	14	10	3.28	8		0.18	18	7	0.27	198
MW2000-400	-0.2	1.47	-5	49		-5	0.04	-0.2	3	13	10	2.66	9		0.16	19	7	0.24	263
MW2000-450	-0.2	2.49	-5	45		-5	0.03	-0.2	3	14	13	3.26	7		0.15	19	13	0.33	261
MW2000-500	-0.2	1.67	-5	45		-5	0.03	-0.2	3	12	10	2.78	9		0.14	17	9	0.23	515
MW2000-550	-0.2	1.33	-5	42		-5	0.06	0.3	2	11	9	2.63	6		0.16	16	7	0.2	273
MW2000-600	0.2	2	-5	50		-5	0.06	-0.2	3	13	12	2.98	8		0.18	14	11	0.27	371
MW2000-650	-0.2	1.37	-5	41		-5	0.03	-0.2	2	12	10	3.19	9		0.15	14	6	0.21	178
MW2000-700	0.6	2.6	-5	45		-5	0.04	-0.2	3	15	13	4.15	8		0.16	15	11	0.28	178
MW2000-750	-0.2	1.77	-5	50		-5	0.04	-0.2	3	15	11	3.61	9		0.17	18	10	0.3	222
MW2000-800	-0.2	1.95	-5	53		-5	0.03	-0.2	3	15	14	3.65	9		0.15	22	11	0.31	201
MW2000-850	-0.2	1.99	-5	45		-5	0.03	-0.2	3	13	11	2.7	8		0.14	17	10	0.25	276
MW2000-900	0.3	2.99	-5	40		-5	0.03	-0.2	2	12	19	3.64	13		0.06	16	8	0.14	272
MW2000-950	0.2	2.16	8	60		-5	0.05	0.4	4	16	17	3.51	8		0.16	21	12	0.32	276
MW2000-1000	0.3	2.11	10	51		5	0.04	0.2	3	31	17	5.26	9		0.18	25	12	0.52	245

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
MW1800-3750	2	0.01	5	11		23	-5	-5	-20	7	-10	-10		0.1		36	-20	29	56	3	
MW1800-3800	1	0.01	4	13		31	-5	-5	-20	10	-10	-10		0.11		27	-20	13	87	1	
MW1800-3850	2	0.01	4	15		33	-5	-5	-20	6	-10	-10		0.13		34	-20	16	95	7	
MW1800-3900	4	0.01	4	11		29	-5	-5	-20	6	-10	-10		0.1		34	-20	16	61	4	
MW1800-3950	-1	-0.01	4	10		29	-5	-5	-20	4	-10	-10		0.13		32	-20	7	55	6	
MW1800-4000	2	0.01	7	7		17	-5	-5	-20	7	-10	-10		0.17		43	-20	14	41	8	
MW1800-4050	2	0.01	3	10		26	-5	-5	-20	8	-10	-10		0.09		23	-20	25	65	1	
MW1800-4100	3	0.01	10	12		41	-5	-5	-20	8	-10	-10		0.09		25	-20	87	76	4	
MW1800-4150	2	0.01	5	9		32	-5	-5	-20	5	-10	-10		0.13		29	-20	18	42	4	
MW1800-4200	2	0.02	6	8		40	-5	-5	-20	9	-10	-10		0.14		28	-20	15	45	10	
MW1800-4300	2	0.01	4	13		43	-5	-5	-20	7	-10	-10		0.09		22	-20	20	105	2	
MW1800-4350	2	0.01	4	12		29	-5	-5	-20	7	-10	-10		0.1		30	-20	17	47	2	
MW1800-4400	2	0.02	4	13		36	-5	-5	-20	14	-10	-10		0.08		27	-20	40	93	3	
MW1800-4450	2	0.02	3	11		30	-5	-5	-20	10	-10	-10		0.1		26	-20	18	58	1	
MW1800-4500	1	0.01	3	10		30	-5	-5	-20	7	-10	-10		0.1		29	-20	11	63	2	
MW2000-0	3	-0.01	4	14		21	-5	-5	-20	6	-10	-10		0.1		30	-20	11	64	2	
MW2000-50	1	0.01	4	9		20	-5	-5	-20	5	-10	-10		0.1		31	-20	6	47	4	
MW2000-100	1	-0.01	5	11		25	-5	-5	-20	8	-10	-10		0.11		35	-20	6	53	3	
MW2000-150	2	-0.01	4	10		22	-5	-5	-20	6	-10	-10		0.11		32	-20	4	54	2	
MW2000-200	2	0.01	4	11		25	-5	-5	-20	6	-10	-10		0.08		29	-20	11	55	2	
MW2000-250	2	0.01	5	9		23	-5	-5	-20	5	-10	-10		0.15		46	-20	3	43	6	
MW2000-300	-1	-0.01	3	8		19	-5	-5	-20	7	-10	-10		0.12		36	-20	4	41	2	
MW2000-350	2	-0.01	5	8		21	-5	-5	-20	6	-10	-10		0.11		36	-20	4	42	2	
MW2000-400	2	-0.01	4	9		19	-5	-5	-20	5	-10	-10		0.11		37	-20	5	45	2	
MW2000-450	2	-0.01	4	9		19	-5	-5	-20	4	-10	-10		0.09		29	-20	5	50	6	
MW2000-500	2	0.01	4	8		18	-5	-5	-20	5	-10	-10		0.11		36	-20	3	45	4	
MW2000-550	2	-0.01	4	7		19	-5	-5	-20	6	-10	-10		0.08		29	-20	3	38	2	
MW2000-600	2	-0.01	4	9		18	-5	-5	-20	7	-10	-10		0.1		33	-20	4	56	5	
MW2000-650	2	-0.01	5	7		21	-5	-5	-20	5	-10	-10		0.12		40	-20	3	41	3	
MW2000-700	2	0.01	6	10		21	-5	-5	-20	5	-10	-10		0.12		36	-20	4	49	16	
MW2000-750	2	-0.01	5	10		26	-5	-5	-20	6	-10	-10		0.11		40	-20	4	50	4	
MW2000-800	1	0.01	5	11		26	-5	-5	-20	5	-10	-10		0.11		40	-20	5	48	6	
MW2000-850	2	-0.01	4	8		20	-5	-5	-20	5	-10	-10		0.1		36	-20	4	47	4	
MW2000-900	2	0.02	5	7		25	-5	-5	-20	5	-10	-10		0.16		45	-20	6	38	18	
MW2000-950	5	0.01	6	13		27	-5	-5	-20	8	-10	-10		0.11		37	-20	7	68	6	
MW2000-1000	3	-0.01	5	14		26	-5	-5	-20	6	-10	-10		0.15		58	-20	6	56	7	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
LS1800S-50	0.3	3.31	-5	28		-5	0.03	-0.2	4	12	15	2.99	5		0.07	9	7	0.13	114
LS1800S-100	-0.2	1.56	-5	27		-5	0.02	-0.2	4	11	10	3.05	5		0.08	6	6	0.12	78
LS1800S-150	-0.2	1.64	-5	34		-5	0.03	0.2	5	9	14	2.4	6		0.07	8	6	0.11	84
LS1800S-200	-0.2	1.65	-5	30		-5	0.07	-0.2	6	15	27	1.85	4		0.11	9	13	0.35	166
LS1800S-250	0.2	1.08	-5	33		-5	0.05	0.2	5	10	36	2.53	4		0.08	7	4	0.14	126
LS1800S-300	0.2	2.21	-5	50		-5	0.07	0.2	24	10	153	2.17	5		0.09	14	8	0.21	811
LS1800S-350	0.5	2.51	-5	44		-5	0.06	0.3	16	11	181	2.28	4		0.09	12	9	0.22	427
LS1800S-400	0.2	1.47	5	47		-5	0.05	-0.2	9	12	53	3.04	5		0.08	8	8	0.21	286
LS1800S-450	-0.2	1.33	7	33		-5	0.11	-0.2	8	12	53	3.2	2		0.11	7	8	0.25	179
LS1800S-500	-0.2	1.32	6	39		-5	0.08	-0.2	9	12	47	2.8	4		0.09	8	9	0.22	319
LS1800S-550	-0.2	1.15	7	37		-5	0.08	-0.2	6	11	26	2.58	3		0.1	8	7	0.2	141
LS1800S-600	-0.2	1.49	-5	35		-5	0.08	-0.2	7	11	50	2.43	2		0.13	13	9	0.24	145
LS1800S-650	-0.2	1.42	-5	30		-5	0.08	-0.2	7	13	32	2.7	-2		0.14	8	10	0.27	219
LS1800S-700	-0.2	1.17	6	35		-5	0.08	-0.2	6	12	31	2.37	-2		0.16	9	9	0.25	170
LS1800S-750	-0.2	1.48	-5	41		-5	0.04	-0.2	8	12	20	2.64	4		0.11	9	8	0.19	316
LS1800S-800	-0.2	1.51	6	30		-5	0.04	-0.2	5	14	12	2.92	2		0.13	7	11	0.21	129
LS1800S-900	-0.2	2.07	12	39		-5	0.03	-0.2	7	11	15	1.74	8		0.1	20	10	0.2	85
LS1800S-950	-0.2	1.73	-5	47		-5	0.06	-0.2	8	13	22	2.14	4		0.13	31	12	0.28	238
LS1800S-1000	-0.2	2.13	6	47		-5	0.05	-0.2	12	13	27	2.33	3		0.15	29	12	0.29	456
LS1800S-1050	-0.2	2.17	8	111		-5	0.03	-0.2	6	25	20	3.91	-2		0.63	16	16	1.16	371
LS1800S-1100	-0.2	1.99	6	55		-5	0.04	-0.2	9	17	19	2.87	3		0.17	22	14	0.42	519
LS1800S-1150	-0.2	1.8	-5	71		-5	0.07	-0.2	11	18	17	2.94	-2		0.32	21	16	0.63	849
LS1800S-1200	-0.2	1.71	5	49		-5	0.06	0.2	11	15	23	2.61	3		0.14	19	12	0.34	424
LS1800S-1250	-0.2	1.35	-5	61		-5	0.07	-0.2	14	14	16	2.73	3		0.15	11	11	0.29	708
LS1800S-1300	-0.2	1.47	-5	43		-5	0.07	0.4	10	12	17	2.38	3		0.13	19	9	0.26	525
LS1800S-1350	-0.2	1.9	5	58		-5	0.06	-0.2	10	13	25	2.65	4		0.15	34	13	0.28	294
LS1800S-1400	-0.2	1.63	8	75		-5	0.12	0.2	16	12	23	2.69	4		0.11	40	11	0.24	741
LS1800S-1450	-0.2	2.38	9	72		-5	0.08	-0.2	13	17	21	2.86	2		0.2	29	20	0.42	661
LS1800S-1500	-0.2	1.57	5	45		-5	0.06	-0.2	7	13	15	2.53	4		0.13	17	12	0.26	296
LS1800S-1550	-0.2	1.54	7	38		-5	0.03	-0.2	5	14	10	4.34	5		0.1	8	7	0.17	176
LS1800S-1600	-0.2	1.22	6	31		-5	0.03	-0.2	5	12	9	2.37	-2		0.13	12	8	0.24	150
LS1800S-1650	-0.2	1.73	6	40		-5	0.08	-0.2	5	15	9	4.06	4		0.11	8	11	0.21	468
LS1800S-1700	-0.2	1.25	-5	36		-5	0.03	-0.2	3	10	8	2.24	3		0.08	8	9	0.13	632
LS1800S-1750	-0.2	1.58	-5	43		-5	0.05	-0.2	5	12	13	3.12	5		0.07	8	7	0.14	314
LS1800S-1800	-0.2	1.53	-5	42		-5	0.02	-0.2	5	13	10	2.9	3		0.09	9	6	0.19	534
LS1800S-1850	-0.2	1.21	-5	36		-5	0.03	-0.2	4	12	7	2.77	3		0.1	7	6	0.17	354

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LS1800S-50	2	0.02	5	5		13	-5	-5	-20	4	-10	-10		0.1		36	-20	5	26	26	
LS1800S-100	1	0.01	6	5		14	-5	-5	-20	3	-10	-10		0.11		39	-20	2	23	13	
LS1800S-150	1	0.01	5	6		23	-5	-5	-20	4	-10	-10		0.12		37	-20	4	28	7	
LS1800S-200	-1	0.01	4	9		12	-5	-5	-20	4	-10	-10		0.09		32	-20	5	45	3	
LS1800S-250	1	0.01	5	6		13	-5	-5	-20	5	-10	-10		0.1		53	-20	3	28	3	
LS1800S-300	1	0.02	5	7		14	-5	-5	-20	7	-10	-10		0.06		48	-20	8	44	3	
LS1800S-350	1	0.02	5	8		17	-5	-5	-20	6	-10	-10		0.08		45	-20	8	46	7	
LS1800S-400	1	0.02	6	8		17	-5	-5	-20	5	-10	-10		0.15		58	-20	2	45	6	
LS1800S-450	1	0.01	7	9		12	-5	-5	-20	5	-10	-10		0.13		73	-20	3	43	3	
LS1800S-500	1	0.01	5	8		14	-5	-5	-20	5	-10	-10		0.12		57	-20	3	43	4	
LS1800S-550	-1	0.01	5	7		18	-5	-5	-20	5	-10	-10		0.12		53	-20	3	41	2	
LS1800S-600	-1	0.01	4	8		13	-5	-5	-20	4	-10	-10		0.1		40	-20	6	40	4	
LS1800S-650	-1	0.01	5	8		10	-5	-5	-20	5	-10	-10		0.1		47	-20	3	45	2	
LS1800S-700	-1	0.01	5	8		11	-5	-5	-20	5	-10	-10		0.11		44	-20	3	42	2	
LS1800S-750	1	0.01	5	7		13	-5	-5	-20	5	-10	-10		0.12		46	-20	3	41	3	
LS1800S-800	1	0.01	5	7		12	-5	-5	-20	3	-10	-10		0.12		40	-20	3	37	6	
LS1800S-900	1	0.01	6	8		18	-5	-5	-20	4	-10	-10		0.19		43	-20	8	36	15	
LS1800S-950	1	0.01	4	9		14	-5	-5	-20	8	-10	-10		0.09		28	-20	16	48	2	
LS1800S-1000	1	0.01	4	10		12	-5	-5	-20	7	-10	-10		0.09		29	-20	24	54	6	
LS1800S-1050	1	-0.01	5	8		22	-5	-5	-20	5	-10	-10		0.17		35	-20	8	68	2	
LS1800S-1100	2	0.01	5	11		13	-5	-5	-20	7	-10	-10		0.11		35	-20	15	72	4	
LS1800S-1150	1	0.01	4	11		10	-5	-5	-20	9	-10	-10		0.1		30	-20	14	77	1	
LS1800S-1200	1	0.01	4	11		20	-5	-5	-20	6	-10	-10		0.09		30	-20	13	68	3	
LS1800S-1250	1	0.01	4	10		19	-5	-5	-20	8	-10	-10		0.1		32	-20	5	85	1	
LS1800S-1300	1	0.01	4	8		13	-5	-5	-20	6	-10	-10		0.09		32	-20	14	51	2	
LS1800S-1350	1	0.02	5	12		15	-5	-5	-20	9	-10	-10		0.12		35	-20	34	56	6	
LS1800S-1400	1	0.02	4	11		23	-5	-5	-20	17	-10	-10		0.14		36	-20	58	59	6	
LS1800S-1450	-1	0.01	4	14		15	-5	-5	-20	12	-10	-10		0.09		29	-20	32	62	2	
LS1800S-1500	-1	0.01	4	9		10	-5	-5	-20	10	-10	-10		0.11		33	-20	15	45	3	
LS1800S-1550	2	0.01	5	7		11	-5	-5	-20	5	-10	-10		0.12		51	-20	3	43	7	
LS1800S-1600	-1	-0.01	3	7		8	-5	-5	-20	3	-10	-10		0.08		25	-20	5	32	2	
LS1800S-1650	2	0.01	6	7		11	-5	-5	-20	7	-10	-10		0.12		41	-20	2	44	6	
LS1800S-1700	1	-0.01	4	5		7	-5	-5	-20	3	-10	-10		0.07		30	-20	2	27	1	
LS1800S-1750	1	0.01	5	6		14	-5	-5	-20	5	-10	-10		0.11		36	-20	3	38	6	
LS1800S-1800	1	-0.01	4	8		11	-5	-5	-20	5	-10	-10		0.08		33	-20	3	39	2	
LS1800S-1850	1	-0.01	4	6		9	-5	-5	-20	5	-10	-10		0.08		32	-20	2	34	1	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
LS1800S-1900	-0.2	1.32	-5	36		-5	0.03	-0.2	4	8	8	2.09	4		0.08	9	8	0.15	235
LS1800S-1950	-0.2	1.46	8	35		-5	0.04	-0.2	4	12	12	4.08	4		0.11	11	9	0.2	297
LS1800S-2000	-0.2	1.38	5	41		-5	0.03	-0.2	4	10	7	2.62	5		0.08	8	8	0.14	290
LS1800S-2050	-0.2	1.6	7	36		-5	0.04	-0.2	5	14	10	4.13	4		0.11	8	8	0.21	163
LS1800S-2100	-0.2	2.68	7	46		-5	0.04	-0.2	6	14	16	3.01	3		0.14	16	14	0.3	223
LS1800S-2150	-0.2	1.53	7	53		-5	0.06	-0.2	5	11	10	3.28	5		0.1	9	10	0.22	157
LS1800S-2200	-0.2	1.86	8	44		-5	0.04	-0.2	9	16	18	3.1	-2		0.22	19	15	0.46	294
LS1800S-2250	-0.2	2.19	6	43		-5	0.03	-0.2	5	11	11	2.67	4		0.1	12	13	0.2	152
LS1800S-2300	-0.2	1.65	5	50		-5	0.05	-0.2	6	12	15	2.66	3		0.13	18	12	0.26	370
LS1800S-2350	-0.2	1.51	7	33		-5	0.04	-0.2	5	13	11	3.44	2		0.13	11	7	0.22	147
LS1800S-2400	-0.2	1.8	7	57		-5	0.05	-0.2	8	14	16	2.8	3		0.15	17	14	0.31	606
LS1800S-2450	-0.2	2.19	6	52		-5	0.07	-0.2	20	13	31	2.59	3		0.14	34	14	0.29	929
LS1800S-2500	-0.2	2.1	6	44		-5	0.06	-0.2	8	13	17	3.08	4		0.13	23	15	0.28	259
LS1800S-2550	-0.2	2.8	11	71		-5	0.04	-0.2	9	17	28	3.6	2		0.23	28	22	0.39	261
LS1800S-2600	-0.2	2.56	9	63		-5	0.05	-0.2	15	14	31	3.22	5		0.16	30	15	0.32	661
LS1800S-2650	-0.2	1.43	7	44		-5	0.05	-0.2	5	11	13	2.59	3		0.11	12	9	0.21	295
LS1800S-2700	-0.2	2.08	17	59		-5	0.05	-0.2	10	13	25	3.02	-2		0.21	28	12	0.26	480
LS1800S-2750	-0.2	1.87	10	37		-5	0.03	-0.2	7	11	16	3.26	4		0.09	17	11	0.17	176
LS1800S-2800	-0.2	1.5	15	36		-5	0.04	-0.2	5	13	19	3.86	-2		0.16	15	8	0.26	163
LS1800S-2850	-0.2	1.5	14	43		-5	0.04	-0.2	6	11	14	2.78	-2		0.16	15	11	0.25	218
LS1800S-2900	-0.2	2.74	22	56		-5	0.04	-0.2	7	12	23	2.53	-2		0.19	21	17	0.31	214
LS1800S-2950	-0.2	2.57	15	47		-5	0.03	-0.2	6	13	17	3.03	3		0.13	13	14	0.23	262
LS1800S-3000	-0.2	2.2	13	39		-5	0.05	-0.2	10	10	24	2.72	3		0.1	13	15	0.19	230
LS1800S-3050	-0.2	2.68	17	57		-5	0.06	-0.2	19	12	35	3.34	4		0.12	19	19	0.26	657
LS1800S-3100	-0.2	1.8	16	41		-5	0.09	-0.2	10	10	31	2.42	-2		0.1	13	12	0.21	337
LS1800S-3150	-0.2	1.85	26	56		-5	0.17	-0.2	10	10	70	2.38	-2		0.19	15	12	0.33	387
LS1800S-3200	-0.2	2.08	35	41		-5	0.09	-0.2	10	12	38	3.11	3		0.14	18	14	0.28	278
LS1800S-3250	-0.2	1.76	102	47		-5	0.21	0.2	18	11	51	3.06	-2		0.18	13	16	0.44	528
LS1800S-3300	0.3	1.88	186	45		-5	0.27	0.6	12	11	48	3.79	-2		0.15	10	14	0.37	451
LS1800S-3350	0.3	1.88	187	43		-5	0.16	0.8	13	11	52	3.67	-2		0.15	12	13	0.34	416
LS1800S-3400	-0.2	2.23	128	42		-5	0.12	0.4	11	13	45	3.55	-2		0.21	12	32	0.45	430
LS1800S-3450	0.3	1.6	182	68		-5	0.09	0.5	9	12	36	4.31	2		0.15	7	10	0.27	262
LS1800S-3500	0.5	2.29	116	49		-5	0.09	0.5	8	12	36	4.28	-2		0.18	13	16	0.31	240
LS1800S-3550	0.9	2.02	47	40		-5	0.06	-0.2	7	9	17	2.9	5		0.1	13	12	0.17	139
LS1800S-3600	-0.2	2.66	67	82		-5	0.09	-0.2	12	14	34	3.65	-2		0.3	21	27	0.52	404
LS1800S-3650	-0.2	2.3	39	45		-5	0.07	-0.2	8	12	29	2.97	3		0.18	25	15	0.31	368

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LS1800S-1900	1	0.01	4	6		9	-5	-5	-20	3	-10	-10		0.06		24	-20	3	30	2	
LS1800S-1950	2	0.01	4	8		10	-5	-5	-20	6	-10	-10		0.08		38	-20	2	43	2	
LS1800S-2000	1	-0.01	5	5		11	-5	-5	-20	4	-10	-10		0.09		37	-20	2	30	6	
LS1800S-2050	2	-0.01	6	8		12	-5	-5	-20	5	-10	-10		0.12		40	-20	2	39	6	
LS1800S-2100	1	-0.01	5	11		10	-5	-5	-20	4	-10	-10		0.09		31	-20	7	49	10	
LS1800S-2150	1	0.01	6	8		11	-5	-5	-20	7	-10	-10		0.11		35	-20	3	37	6	
LS1800S-2200	1	-0.01	4	16		9	-5	-5	-20	5	-10	-10		0.1		32	-20	7	68	2	
LS1800S-2250	-1	-0.01	4	8		10	-5	-5	-20	4	-10	-10		0.08		30	-20	4	35	7	
LS1800S-2300	-1	0.01	4	9		11	-5	-5	-20	6	-10	-10		0.09		31	-20	10	49	2	
LS1800S-2350	1	-0.01	5	8		13	-5	-5	-20	4	-10	-10		0.08		35	-20	4	32	2	
LS1800S-2400	1	-0.01	4	12		14	-5	-5	-20	6	-10	-10		0.1		32	-20	6	63	4	
LS1800S-2450	-1	0.01	3	15		13	-5	-5	-20	9	-10	-10		0.07		27	-20	25	53	3	
LS1800S-2500	1	0.01	4	11		12	-5	-5	-20	6	-10	-10		0.09		31	-20	14	53	5	
LS1800S-2550	1	-0.01	4	32		20	-5	-5	-20	6	-10	-10		0.07		27	-20	12	94	3	
LS1800S-2600	1	0.01	5	17		14	-5	-5	-20	7	-10	-10		0.12		32	-20	21	71	9	
LS1800S-2650	1	-0.01	4	9		10	-5	-5	-20	5	-10	-10		0.08		26	-20	4	45	2	
LS1800S-2700	1	-0.01	3	12		9	-5	-5	-20	6	-10	-10		0.06		22	-20	11	45	-1	
LS1800S-2750	2	0.01	6	8		11	-5	-5	-20	5	-10	-10		0.11		37	-20	8	39	6	
LS1800S-2800	2	-0.01	4	10		9	-5	-5	-20	5	-10	-10		0.09		25	-20	5	38	1	
LS1800S-2850	1	-0.01	5	9		8	-5	-5	-20	5	-10	-10		0.09		26	-20	7	42	2	
LS1800S-2900	-1	0.01	4	11		8	-5	-5	-20	5	-10	-10		0.09		24	-20	9	49	10	
LS1800S-2950	1	-0.01	5	8		9	-5	-5	-20	3	-10	-10		0.09		33	-20	5	39	9	
LS1800S-3000	1	0.01	5	9		9	-5	-5	-20	4	-10	-10		0.11		41	-20	7	45	8	
LS1800S-3050	1	0.02	6	11		11	-5	-5	-20	5	-10	-10		0.14		45	-20	11	58	9	
LS1800S-3100	-1	0.01	5	9		10	-5	-5	-20	4	-10	-10		0.09		41	-20	6	40	2	
LS1800S-3150	-1	0.02	4	14		16	-5	-5	-20	4	-10	-10		0.1		48	-20	8	41	1	
LS1800S-3200	1	0.01	5	12		17	-5	-5	-20	6	-10	-10		0.13		48	-20	17	47	6	
LS1800S-3250	-1	0.02	6	14		14	-5	-5	-20	9	-10	-10		0.13		61	22	14	51	1	
LS1800S-3300	1	0.02	6	13		13	-5	-5	-20	10	-10	-10		0.11		72	33	6	65	2	
LS1800S-3350	-1	0.02	6	13		12	-5	-5	-20	7	-10	-10		0.12		71	33	9	63	1	
LS1800S-3400	-1	0.01	6	14		14	-5	-5	-20	5	-10	-10		0.12		56	-20	7	74	1	
LS1800S-3450	1	0.01	7	12		17	-5	-5	-20	5	-10	-10		0.16		71	35	3	58	2	
LS1800S-3500	1	0.01	6	11		15	-5	-5	-20	5	-10	-10		0.14		48	-20	12	51	7	
LS1800S-3550	1	0.01	6	7		16	-5	-5	-20	5	-10	-10		0.15		48	-20	9	33	13	
LS1800S-3600	-1	0.01	4	17		12	-5	-5	-20	6	-10	-10		0.12		42	-20	16	65	1	
LS1800S-3650	-1	0.02	4	10		12	-5	-5	-20	7	-10	-10		0.09		39	-20	19	56	3	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
LS1800S-3700	-0.2	2.38	115	110		-5	0.18	0.4	12	15	49	4.64	-2		0.19	8	24	0.43	540
LS1800S-3750	-0.2	2.58	122	84		-5	0.25	0.3	16	17	49	4.42	2		0.26	21	26	0.44	1138
LS1800S-3800	-0.2	2.2	53	53		-5	0.07	0.3	8	15	26	3.26	3		0.18	13	18	0.37	566
LS1800S-3850	-0.2	1.52	37	73		-5	0.16	-0.2	6	13	15	3.19	3		0.16	12	11	0.28	2115
LS1800S-3900	-0.2	2.08	44	38		-5	0.05	-0.2	2	15	14	4.98	3		0.15	12	15	0.36	322
LS1800S-3950	-0.2	3.59	44	39		-5	0.06	-0.2	-1	11	20	2.93	3		0.1	9	16	0.26	181
LS1800S-4000	-0.2	2.16	32	48		-5	0.05	0.4	11	11	22	2.79	4		0.15	16	14	0.32	471
LS1900S-50	-0.2	2.01	6	38		-5	0.03	-0.2	4	13	15	2.99	4		0.14	15	11	0.35	288
LS1900S-150	-0.2	1.11	6	53		-5	0.03	-0.2	5	11	11	2.08	3		0.16	12	6	0.23	872
LS1900S-200	-0.2	1.92	10	46		-5	0.03	-0.2	5	13	17	2.64	3		0.17	19	12	0.36	384
LS1900S-250	-0.2	1.92	8	45		-5	0.05	-0.2	4	13	20	2.83	3		0.24	17	12	0.35	310
LS1900S-300	-0.2	1.76	9	50		-5	0.05	-0.2	8	13	17	2.45	3		0.16	21	12	0.31	723
LS1900S-350	-0.2	1.72	10	55		-5	0.03	-0.2	9	12	15	2.64	3		0.19	18	12	0.31	1060
LS1900S-400	-0.2	1.41	7	43		-5	0.03	-0.2	7	11	12	2.73	-2		0.18	12	8	0.26	1034
LS1900S-450	-0.2	1.87	7	53		-5	0.03	0.3	10	12	19	2.64	3		0.14	27	9	0.27	881
LS1900S-500	-0.2	1.28	6	60		-5	0.02	-0.2	3	11	9	2.33	2		0.17	11	7	0.26	541
LS1900S-550	-0.2	1.6	6	45		-5	0.05	-0.2	-1	12	12	3.05	4		0.1	9	7	0.27	282
LS1900S-600	-0.2	1.43	6	41		-5	0.04	-0.2	1	11	9	2.97	3		0.1	12	7	0.21	305
LS1900S-650	-0.2	0.99	5	35		-5	0.05	-0.2	-1	8	7	2.34	4		0.07	8	3	0.14	124
LS1900S-700	-0.2	1.73	6	33		-5	0.04	-0.2	4	12	12	3.03	4		0.1	11	9	0.22	299
LS1900S-750	-0.2	1.75	5	39		-5	0.03	-0.2	6	16	15	3.42	3		0.1	10	7	0.26	289
LS1900S-800	-0.2	1.12	-5	33		-5	0.03	-0.2	4	11	11	2.55	3		0.08	9	5	0.17	252
LS1900S-850	-0.2	1.24	5	45		-5	0.04	-0.2	4	12	9	2.47	2		0.13	10	8	0.24	365
LS1900S-900	-0.2	1.37	6	30		-5	0.03	-0.2	4	12	10	3.14	3		0.09	11	7	0.19	269
LS1900S-950	-0.2	1.64	6	33		-5	0.04	-0.2	5	14	10	3.74	4		0.1	11	9	0.24	197
LS1900S-1000	-0.2	1.69	6	32		-5	0.03	-0.2	4	13	12	2.99	4		0.1	11	9	0.21	212
LS1900S-1050	-0.2	2.07	7	47		-5	0.04	-0.2	6	12	16	2.52	3		0.13	16	13	0.29	269
LS1900S-1100	-0.2	1.71	6	40		-5	0.04	-0.2	7	13	16	2.5	-2		0.15	18	10	0.34	289
LS1900S-1150	-0.2	1.86	7	40		-5	0.05	-0.2	8	13	18	2.55	2		0.17	24	12	0.35	375
LS1900S-1200	-0.2	1.92	9	45		-5	0.04	-0.2	10	12	17	2.57	3		0.14	20	13	0.28	337
LS1900S-1250	-0.2	2.3	8	52		-5	0.04	-0.2	16	13	24	2.75	3		0.16	24	14	0.32	999
LS1900S-1300	-0.2	2.16	15	56		-5	0.06	0.2	17	14	29	2.95	3		0.17	35	16	0.32	557
LS1900S-1350	-0.2	1.79	8	49		-5	0.03	-0.2	8	13	22	2.7	3		0.15	24	11	0.28	360
LS1900S-1400	-0.2	1.53	9	45		-5	0.04	-0.2	5	13	21	2.92	3		0.14	14	8	0.24	292
LS1900S-1450	-0.2	1.85	18	51		-5	0.04	-0.2	8	14	21	2.85	3		0.21	18	16	0.33	295
LS1900S-1500	-0.2	1.89	15	55		-5	0.04	-0.2	8	15	22	2.87	3		0.23	17	15	0.35	760

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LS1800S-3700	1	0.02	6	15		17	-5	-5	-20	7	-10	-10		0.15		72	-20	7	88	2	
LS1800S-3750	1	0.02	5	19		20	-5	5	-20	17	-10	-10		0.13		62	-20	25	89	-1	
LS1800S-3800	-1	0.01	5	11		22	-5	-5	-20	6	-10	-10		0.12		42	-20	5	91	3	
LS1800S-3850	1	0.01	4	9		22	-5	-5	-20	13	-10	-10		0.12		43	-20	3	69	2	
LS1800S-3900	1	0.01	5	10		16	-5	-5	-20	5	-10	-10		0.16		60	-20	4	55	6	
LS1800S-3950	1	0.01	8	8		14	-5	-5	-20	4	-10	-10		0.12		42	-20	4	46	18	
LS1800S-4000	1	0.01	6	9		18	-5	-5	-20	6	-10	-10		0.11		37	-20	9	51	4	
LS1900S-50	1	0.01	4	10		12	-5	-5	-20	5	-10	-10		0.08		35	-20	5	47	4	
LS1900S-150	-1	-0.01	4	8		12	-5	-5	-20	5	-10	-10		0.07		30	-20	4	44	-1	
LS1900S-200	1	0.01	5	12		12	-5	-5	-20	5	-10	-10		0.09		31	-20	8	50	2	
LS1900S-250	1	0.01	7	11		14	-5	-5	-20	6	-10	-10		0.1		34	-20	7	54	4	
LS1900S-300	1	-0.01	5	11		14	-5	-5	-20	6	-10	-10		0.06		28	-20	8	55	1	
LS1900S-350	-1	0.01	5	12		16	-5	-5	-20	6	-10	-10		0.08		30	-20	7	65	2	
LS1900S-400	1	0.01	5	9		12	-5	-5	-20	6	-10	-10		0.13		34	-20	4	50	2	
LS1900S-450	-1	0.01	6	10		10	-5	-5	-20	6	-10	-10		0.09		32	-20	17	51	2	
LS1900S-500	-1	-0.01	5	9		10	-5	-5	-20	5	-10	-10		0.11		31	-20	4	49	-1	
LS1900S-550	1	0.01	5	8		14	-5	-5	-20	7	-10	-10		0.11		38	-20	3	50	3	
LS1900S-600	1	0.01	6	8		16	-5	-5	-20	7	-10	-10		0.12		40	-20	4	39	3	
LS1900S-650	-1	-0.01	5	5		10	-5	-5	-20	5	-10	-10		0.09		39	-20	2	24	2	
LS1900S-700	2	0.01	4	7		13	-5	-5	-20	4	-10	-10		0.09		32	-20	3	37	5	
LS1900S-750	1	-0.01	5	10		12	-5	-5	-20	5	-10	-10		0.11		45	-20	4	43	3	
LS1900S-800	-1	-0.01	4	5		11	-5	-5	-20	4	-10	-10		0.1		34	-20	2	26	2	
LS1900S-850	1	-0.01	3	7		11	-5	-5	-20	5	-10	-10		0.09		29	-20	3	36	-1	
LS1900S-900	2	-0.01	4	6		10	-5	-5	-20	4	-10	-10		0.09		35	-20	2	32	2	
LS1900S-950	2	-0.01	5	8		13	-5	-5	-20	6	-10	-10		0.1		39	-20	3	38	5	
LS1900S-1000	2	-0.01	4	8		12	-5	-5	-20	5	-10	-10		0.09		35	-20	3	34	4	
LS1900S-1050	-1	-0.01	4	10		10	-5	-5	-20	4	-10	-10		0.08		28	-20	6	49	4	
LS1900S-1100	1	-0.01	3	10		11	-5	-5	-20	5	-10	-10		0.07		29	-20	8	43	1	
LS1900S-1150	1	-0.01	3	13		11	-5	-5	-20	6	-10	-10		0.08		28	-20	10	52	2	
LS1900S-1200	1	-0.01	3	11		13	-5	-5	-20	7	-10	-10		0.06		26	-20	12	46	1	
LS1900S-1250	1	0.01	3	15		12	-5	-5	-20	6	-10	-10		0.06		29	-20	13	65	2	
LS1900S-1300	1	0.01	3	15		10	-5	-5	-20	9	-10	-10		0.08		30	-20	33	67	2	
LS1900S-1350	1	-0.01	4	12		9	-5	-5	-20	6	-10	-10		0.08		31	-20	15	53	1	
LS1900S-1400	1	-0.01	4	9		9	-5	-5	-20	6	-10	-10		0.09		33	-20	4	44	2	
LS1900S-1450	1	0.01	4	11		10	-5	-5	-20	6	-10	-10		0.1		32	-20	7	58	2	
LS1900S-1500	1	0.01	5	11		8	-5	-5	-20	5	-10	-10		0.1		34	-20	6	63	3	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
LS1900S-1550	-0.2	2.01	26	59		-5	0.03	-0.2	12	15	28	3.09	-2		0.25	53	17	0.35	500
LS1900S-1600	-0.2	2.21	30	72		-5	0.04	-0.2	15	16	33	2.99	-2		0.29	60	24	0.42	546
LS1900S-1650	-0.2	1.93	14	42		-5	0.05	-0.2	6	15	22	3.61	3		0.16	12	14	0.27	340
LS1900S-1700	-0.2	1.9	16	35		-5	0.04	-0.2	5	14	20	3.74	2		0.13	10	14	0.24	268
LS1900S-1750	-0.2	1.79	22	39		-5	0.06	-0.2	6	12	25	2.98	3		0.12	11	12	0.23	308
LS1900S-1800	0.3	1.68	27	33		-5	0.13	-0.2	5	11	32	3.16	-2		0.11	9	13	0.26	170
LS1900S-1850	-0.2	1.88	36	41		-5	0.08	-0.2	14	12	52	2.69	2		0.15	22	14	0.3	610
LS1900S-1900	-0.2	2	106	42		-5	0.18	0.2	9	12	47	3.01	-2		0.13	10	15	0.33	420
LS1900S-1950	-0.2	1.94	111	44		-5	0.16	0.3	14	12	53	3.24	2		0.15	15	17	0.4	460
LS1900S-2000	-0.2	1.7	185	34		-5	0.16	0.5	9	11	45	4.15	-2		0.11	8	11	0.34	274
LS1900S-2050	-0.2	2.28	363	41		-5	0.26	1.2	37	13	79	3.89	-2		0.15	30	26	0.44	960
LS1900S-2100	0.3	1.9	235	54		-5	0.17	0.7	17	12	52	3.62	2		0.13	10	18	0.33	1177
LS1900S-2150	-0.2	2.74	358	56		-5	0.27	1.3	24	21	142	3.92	3		0.2	36	42	0.57	655
LS1900S-2200	-0.2	2.21	251	60		-5	0.21	0.8	46	14	78	3.64	3		0.2	19	26	0.47	1642
LS1900S-2250	-0.2	1.87	171	61		-5	0.17	0.5	20	12	43	3.88	-2		0.23	24	23	0.41	916
LS1900S-2300	-0.2	2.02	80	42		-5	0.08	-0.2	10	15	37	4.35	-2		0.19	8	19	0.38	335
LS1900S-2350	-0.2	1.97	89	65		-5	0.14	0.4	20	12	44	3.31	2		0.21	33	18	0.32	1267
LS1900S-2400	-0.2	1.86	179	51		-5	0.23	1	26	13	74	3.29	2		0.23	22	18	0.34	800
LS1900S-2450	0.2	2.02	112	60		-5	0.17	0.3	11	14	34	3.47	2		0.22	12	20	0.38	589
LS1900S-2500	0.3	1.95	48	56		-5	0.06	0.3	14	13	33	2.94	3		0.2	17	14	0.32	852
LS1900S-2550	-0.2	1.61	26	55		-5	0.06	0.2	8	13	20	2.82	2		0.19	12	12	0.31	881
LS1900S-2600	-0.2	1.44	15	31		-5	0.04	-0.2	6	12	16	3.31	4		0.14	9	8	0.23	388
LS1900S-2650	-0.2	1.72	11	42		-5	0.03	-0.2	5	12	15	3.53	5		0.12	10	9	0.2	138
LS1900S-2700	-0.2	1.56	15	70		-5	0.06	-0.2	7	13	15	3.04	2		0.2	12	12	0.29	1153
LS1900S-2750	-0.2	2.19	7	41		-5	0.04	-0.2	6	11	13	2.83	3		0.14	13	13	0.23	254
LS1900S-2800	0.3	1.67	15	41		-5	0.05	-0.2	6	10	18	3.2	6		0.09	8	8	0.17	738
LS1900S-2850	0.3	2.23	13	46		-5	0.06	-0.2	6	12	17	3.52	4		0.14	17	12	0.25	317
LS1900S-2900	-0.2	2.57	9	29		-5	0.03	-0.2	5	11	18	4.27	7		0.08	9	8	0.15	228
LS1900S-2950	-0.2	2.53	12	35		-5	0.03	-0.2	4	14	16	3.09	5		0.06	12	10	0.21	219
LS1900S-3000	-0.2	1.04	17	42		-5	0.03	-0.2	4	9	13	2.1	5		0.08	10	5	0.15	587
LS1900S-3050	-0.2	1.74	10	39		-5	0.02	-0.2	4	10	10	2.12	4		0.04	19	9	0.28	103
LS1900S-3100	-0.2	2.01	8	29		-5	0.03	-0.2	6	15	9	3.71	5		0.09	15	10	0.97	257
LS1900S-3150	-0.2	1.54	10	63		-5	0.07	-0.2	6	13	11	3	4		0.15	11	9	0.52	569
LS1900S-3200	0.4	1.19	7	45		-5	0.18	0.2	5	8	17	2.31	6		0.07	17	6	0.12	250
LS1900S-3250	-0.2	1.88	31	27		-5	0.04	-0.2	5	13	21	3.78	3		0.11	14	11	0.28	198
LS1900S-3300	-0.2	1.92	13	32		-5	0.05	-0.2	4	9	15	2.83	4		0.08	15	8	0.17	246

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LS1900S-1550	2	-0.01	4	11		7	-5	-5	-20	7	-10	-10		0.1		31	-20	50	59	3	
LS1900S-1600	1	-0.01	4	15		11	-5	-5	-20	7	-10	-10		0.1		24	-20	56	62	2	
LS1900S-1650	2	-0.01	4	9		10	-5	-5	-20	6	-10	-10		0.1		37	-20	4	55	4	
LS1900S-1700	2	-0.01	5	9		12	-5	-5	-20	4	-10	-10		0.09		40	-20	3	50	4	
LS1900S-1750	1	0.01	4	8		11	-5	-5	-20	4	-10	-10		0.1		47	-20	3	45	4	
LS1900S-1800	1	0.02	4	9		12	-5	-5	-20	5	-10	-10		0.09		52	-20	4	38	2	
LS1900S-1850	1	0.01	4	13		12	-5	-5	-20	6	-10	-10		0.09		39	-20	15	61	3	
LS1900S-1900	-1	0.02	5	12		12	-5	-5	-20	6	-10	-10		0.1		63	29	5	70	2	
LS1900S-1950	-1	0.02	4	14		12	-5	-5	-20	7	-10	-10		0.12		63	27	12	67	2	
LS1900S-2000	1	0.02	6	11		11	-5	-5	-20	6	-10	-10		0.15		89	39	4	59	3	
LS1900S-2050	-1	0.02	5	16		16	-5	7	-20	11	-10	-10		0.12		82	48	37	80	-1	
LS1900S-2100	1	0.02	5	12		17	-5	-5	-20	8	-10	-10		0.11		68	29	7	87	1	
LS1900S-2150	-1	0.02	5	21		26	-5	8	-20	17	-10	-10		0.09		64	48	51	113	2	
LS1900S-2200	1	0.02	5	14		17	-5	-5	-20	13	-10	-10		0.1		65	-20	19	121	-1	
LS1900S-2250	-1	0.01	5	13		16	-5	-5	-20	11	-10	-10		0.12		81	-20	29	69	-1	
LS1900S-2300	1	0.01	5	14		13	-5	-5	-20	6	-10	-10		0.12		69	-20	5	53	3	
LS1900S-2350	-1	0.01	3	10		15	-5	-5	-20	13	-10	-10		0.09		49	-20	41	84	-1	
LS1900S-2400	-1	0.01	4	11		16	-5	-5	-20	20	-10	-10		0.1		45	-20	32	94	-1	
LS1900S-2450	-1	0.01	4	12		14	-5	-5	-20	12	-10	-10		0.11		49	-20	7	87	1	
LS1900S-2500	1	0.01	3	10		15	-5	-5	-20	7	-10	-10		0.08		41	-20	6	64	-1	
LS1900S-2550	-1	0.01	3	9		14	-5	-5	-20	6	-10	-10		0.11		39	-20	4	67	1	
LS1900S-2600	1	0.01	4	7		14	-5	-5	-20	5	-10	-10		0.12		41	-20	3	47	3	
LS1900S-2650	1	0.01	6	7		18	-5	-5	-20	4	-10	-10		0.12		46	-20	4	42	6	
LS1900S-2700	1	0.01	4	10		15	-5	-5	-20	7	-10	-10		0.11		38	-20	4	60	-1	
LS1900S-2750	-1	0.01	4	8		14	-5	-5	-20	4	-10	-10		0.1		34	-20	4	50	6	
LS1900S-2800	2	0.01	4	7		15	-5	-5	-20	6	-10	-10		0.11		45	-20	3	49	5	
LS1900S-2850	1	0.01	5	9		15	-5	-5	-20	6	-10	-10		0.11		38	-20	6	53	6	
LS1900S-2900	2	0.01	5	7		14	-5	-5	-20	4	-10	-10		0.13		49	-20	4	28	18	
LS1900S-2950	1	0.01	4	9		11	-5	-5	-20	3	-10	-10		0.08		38	-20	4	36	10	
LS1900S-3000	-1	0.01	3	6		16	-5	-5	-20	5	-10	-10		0.08		37	-20	3	30	-1	
LS1900S-3050	-1	-0.01	2	10		7	-5	-5	-20	2	-10	-10		0.04		21	-20	5	25	1	
LS1900S-3100	1	-0.01	4	10		10	-5	-5	-20	5	-10	-10		0.07		47	-20	3	34	1	
LS1900S-3150	1	0.01	4	9		15	-5	-5	-20	7	-10	-10		0.09		39	-20	3	45	-1	
LS1900S-3200	-1	0.02	3	9		16	-5	-5	-20	27	-10	-10		0.1		27	-20	31	38	4	
LS1900S-3250	1	-0.01	4	10		43	-5	-5	-20	5	-10	-10		0.08		37	-20	6	71	3	
LS1900S-3300	1	0.01	4	7		57	-5	-5	-20	7	-10	-10		0.07		32	-20	5	39	4	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
LS1900S-3350	-0.2	3.16	5	33		-5	0.06	-0.2	5	9	14	2.75	6		0.05	10	7	0.14	188
LS1900S-3400	0.2	4.71	6	41		-5	0.06	-0.2	6	10	16	3.74	5		0.06	13	12	0.18	311
LS1900S-3450	-0.2	2.39	13	38		-5	0.03	-0.2	7	18	17	6.05	5		0.13	22	12	0.32	320
LS1900S-3500	-0.2	2.84	24	39		-5	0.04	-0.2	5	12	12	3.35	4		0.09	8	13	0.19	209
LS2000S-0	-0.2	1.33	14	35		-5	0.09	-0.2	4	14	14	2.69	4		0.15	12	9	0.38	251
LS2000S-50	-0.2	1.52	-5	33		-5	0.06	-0.2	5	15	18	2.33	6		0.15	16	9	0.45	184
LS2000S-100	-0.2	2.21	12	53		-5	0.05	-0.2	9	18	26	2.63	7		0.2	17	14	0.54	794
LS2000S-150	-0.2	2.15	9	59		-5	0.05	-0.2	8	17	27	2.91	7		0.25	20	15	0.62	503
LS2000S-200	-0.2	1.73	14	42		-5	0.04	-0.2	5	14	26	2.59	7		0.19	14	9	0.4	200
LS2000S-250	-0.2	2.12	22	50		5	0.05	-0.2	7	17	55	3.13	7		0.22	17	15	0.61	261
LS2000S-300	-0.2	1.96	18	49		-5	0.04	-0.2	7	17	22	3.06	7		0.27	23	16	0.6	278
LS2000S-350	-0.2	2.24	10	49		-5	0.05	-0.2	6	19	20	3.51	7		0.28	20	14	0.62	327
LS2000S-400	0.3	1.94	17	51		-5	0.07	0.3	5	16	25	2.8	7		0.24	19	13	0.53	250
LS2000S-450	-0.2	1.78	19	49		-5	0.05	-0.2	6	18	20	3.12	7		0.27	21	17	0.67	296
LS2000S-500	-0.2	2.23	29	53		-5	0.04	-0.2	8	16	25	2.76	6		0.32	25	20	0.67	438
LS2000S-550	-0.2	1.91	33	56		-5	0.05	-0.2	9	16	27	2.8	5		0.36	29	19	0.69	521
LS2000S-600	-0.2	1.98	20	57		-5	0.05	0.2	5	17	26	2.79	7		0.27	18	18	0.61	333
LS2000S-650	-0.2	2.03	19	44		-5	0.06	-0.2	4	15	47	2.78	9		0.17	23	12	0.47	169
LS2000S-700	0.3	1.95	21	43		-5	0.06	-0.2	6	14	34	2.93	9		0.18	17	14	0.46	278
LS2000S-750	-0.2	1.39	25	34		-5	0.09	-0.2	3	13	23	3.36	9		0.12	9	8	0.27	419
LS2000S-800	0.3	1.56	56	33		-5	0.13	-0.2	4	13	22	2.68	7		0.14	7	11	0.35	346
LS2000S-850	-0.2	1.71	78	33		-5	0.14	-0.2	3	11	24	2.64	7		0.09	6	9	0.26	206
LS2000S-900	0.3	2.64	459	35		5	0.27	1	26	9	106	4.91	9		0.12	5	17	1.12	1240
LS2000S-950	-0.2	2.31	704	44		6	0.23	1.8	15	14	84	4.19	10		0.18	9	22	0.63	797
LS2000S-1000	0.4	2.34	222	50		-5	0.15	0.7	15	13	73	3.96	7		0.18	9	27	0.48	1014
LS2000S-1050	0.3	1.89	97	41		-5	0.1	0.4	10	17	42	2.87	8		0.16	11	15	0.47	874
LS2000S-1100	0.2	2.01	38	46		8	0.1	-0.2	6	16	18	2.83	8		0.26	11	32	0.8	599
LS2000S-1150	0.3	2.38	42	55		-5	0.07	-0.2	9	17	23	3.16	11		0.32	13	30	0.89	827
LS2000S-1200	1.1	2.01	121	54		6	0.06	0.4	12	15	45	2.75	9		0.22	19	19	0.48	1114
LS2000S-1250	-0.2	2.35	45	45		-5	0.05	-0.2	5	15	25	2.91	11		0.15	10	13	0.33	505
LS2000S-1300	0.2	1.59	39	36		6	0.05	0.4	4	15	18	3.12	10		0.18	13	8	0.33	709
LS2000S-1350	0.3	2.07	8	40		-5	0.05	0.2	4	15	18	3.17	10		0.19	12	11	0.41	306
LS2000S-1400	0.2	1.34	10	46		-5	0.04	-0.2	4	14	15	2.5	9		0.18	11	7	0.28	459
LS2000S-1450	-0.2	1.73	9	40		-5	0.04	-0.2	3	12	15	2.55	9		0.13	9	9	0.25	392
LS2000S-1500	-0.2	2.11	15	36		-5	0.05	0.4	3	14	20	3.82	10		0.14	7	8	0.25	321
LS2000S-1550	-0.2	2.21	20	55		-5	0.04	-0.2	5	16	21	3.79	10		0.22	16	14	0.52	321

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LS1900S-3350	2	0.02	5	6		11	-5	-5	-20	7	-10	-10		0.1		35	-20	5	32	16	
LS1900S-3400	2	0.01	6	8		10	-5	-5	-20	9	-10	-10		0.1		38	-20	7	46	25	
LS1900S-3450	3	0.01	6	11		17	-5	-5	-20	6	-10	-10		0.13		47	-20	8	57	14	
LS1900S-3500	1	0.01	6	7		12	-5	-5	-20	4	-10	-10		0.11		52	-20	4	43	15	
LS2000S-0	-1	-0.01	33	10		13	-5	-5	-20	7	-10	-10		0.06		28	-20	4	45	3	
LS2000S-50	-1	-0.01	20	13		12	-5	-5	-20	5	-10	-10		0.06		28	-20	5	42	2	
LS2000S-100	-1	0.01	11	20		13	-5	-5	-20	7	-10	-10		0.06		32	-20	6	82	3	
LS2000S-150	-1	0.01	9	21		15	-5	-5	-20	7	-10	-10		0.08		32	-20	8	84	2	
LS2000S-200	-1	-0.01	13	13		12	-5	-5	-20	5	-10	-10		0.09		29	-20	6	44	3	
LS2000S-250	2	0.01	10	22		12	-5	-5	-20	7	-10	-10		0.09		33	-20	8	64	4	
LS2000S-300	-1	0.01	7	19		11	-5	-5	-20	6	-10	-10		0.1		33	-20	9	65	2	
LS2000S-350	-1	0.01	9	18		13	-5	-5	-20	6	-10	-10		0.1		35	-20	11	59	3	
LS2000S-400	-1	0.01	9	15		11	-5	-5	-20	7	-10	-10		0.1		32	-20	7	56	2	
LS2000S-450	1	0.01	5	16		10	-5	-5	-20	6	-10	-10		0.13		34	-20	8	53	3	
LS2000S-500	-1	-0.01	8	17		10	-5	-5	-20	5	-10	-10		0.08		29	-20	10	58	3	
LS2000S-550	-1	0.01	5	16		16	-5	-5	-20	5	-10	-10		0.09		27	-20	13	51	1	
LS2000S-600	-1	0.01	6	14		11	-5	-5	-20	6	-10	-10		0.1		33	-20	7	48	2	
LS2000S-650	-1	0.01	8	15		16	-5	-5	-20	6	-10	-10		0.09		38	-20	10	38	4	
LS2000S-700	-1	0.01	6	12		11	-5	-5	-20	6	-10	-10		0.12		39	-20	9	43	3	
LS2000S-750	-1	0.01	4	9		14	-5	-5	-20	6	-10	-10		0.12		45	-20	4	36	3	
LS2000S-800	-1	0.01	4	11		15	-5	-5	-20	6	-10	-10		0.1		41	-20	4	50	2	
LS2000S-850	-1	0.02	5	9		16	-5	-5	-20	5	-10	-10		0.12		52	28	3	41	4	
LS2000S-900	-1	0.03	2	17		16	-5	6	24	7	-10	-10		0.13		121	61	4	86	2	
LS2000S-950	3	0.02	4	16		22	-5	-5	-20	9	-10	-10		0.14		77	37	8	100	4	
LS2000S-1000	-1	0.02	3	13		20	-5	-5	-20	7	-10	-10		0.13		62	-20	7	90	3	
LS2000S-1050	-1	0.01	4	13		49	-5	-5	-20	7	-10	-10		0.11		43	-20	6	81	3	
LS2000S-1100	-1	-0.01	4	14		21	-5	-5	-20	7	-10	-10		0.1		32	-20	6	74	2	
LS2000S-1150	-1	0.02	5	15		21	-5	-5	-20	8	-10	-10		0.13		39	-20	7	76	4	
LS2000S-1200	-1	0.01	4	13		203	-5	-5	-20	7	-10	-10		0.11		33	-20	11	65	3	
LS2000S-1250	-1	0.02	4	11		20	-5	-5	-20	6	-10	-10		0.12		36	-20	4	50	6	
LS2000S-1300	-1	0.01	3	10		19	-5	-5	-20	6	-10	-10		0.13		40	-20	5	42	2	
LS2000S-1350	-1	0.01	5	10		12	-5	-5	-20	5	-10	-10		0.12		35	-20	5	44	4	
LS2000S-1400	-1	0.01	4	11		20	-5	-5	-20	5	-10	-10		0.12		36	-20	4	43	2	
LS2000S-1450	-1	0.01	4	8		16	-5	-5	-20	4	-10	-10		0.1		32	-20	3	40	4	
LS2000S-1500	-1	0.01	7	9		18	-5	-5	-20	6	-10	-10		0.11		34	-20	4	38	10	
LS2000S-1550	1	0.01	5	13		22	-5	-5	-20	6	-10	-10		0.13		37	-20	6	58	4	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
LS2000S-1600	0.2	1.62	10	37		6	0.03	-0.2	3	13	13	2.89	8		0.17	11	9	0.3	327
LS2000S-1650	0.2	2.2	15	50		5	0.04	-0.2	3	16	13	3	10		0.23	9	14	0.38	405
LS2000S-1700	-0.2	2.02	12	49		-5	0.04	-0.2	3	15	16	2.48	9		0.2	12	12	0.37	274
LS2000S-1750	0.2	2.05	10	37		-5	0.03	-0.2	2	16	16	4.66	12		0.12	7	9	0.31	235
LS2000S-1800	0.2	1.67	16	35		-5	0.04	0.3	2	11	12	2.65	11		0.1	9	7	0.15	438
LS2000S-1850	0.3	3.02	28	52		-5	0.04	0.2	3	13	18	2.65	10		0.13	10	11	0.25	280
LS2000S-1900	0.3	2.34	28	35		6	0.03	0.2	2	16	16	4.71	13		0.12	8	9	0.26	236
LS2000S-1950	0.3	2.11	45	37		-5	0.03	0.3	3	17	15	4.28	13		0.14	7	10	0.35	241
LS2000S-2000	-0.2	1.52	31	34		-5	0.03	-0.2	2	14	11	2.58	12		0.1	9	6	0.16	496
LS2000S-2050	0.3	2.67	26	44		-5	0.04	-0.2	3	18	15	3.8	10		0.13	9	10	0.28	292
LS2000S-2100	0.3	1.66	58	41		-5	0.06	0.5	4	16	16	3.13	9		0.19	11	9	0.34	335
MW1900N-50	-0.2	1.98	-5	48		-5	0.03	-0.2	11	14	22	2.65	7		0.2	20	11	0.4	1056
MW1900N-100	-0.2	1.86	-5	61		5	0.06	-0.2	28	14	22	2.36	7		0.24	24	14	0.49	1381
MW1900N-150	-0.2	1.98	-5	57		5	0.05	0.2	47	14	20	2.25	8		0.25	29	18	0.49	1732
MW1900N-200	-0.2	1.9	-5	66		-5	0.08	-0.2	14	15	16	2.6	8		0.32	26	20	0.54	1017
MW1900N-250	-0.2	2.07	9	54		-5	0.05	-0.2	33	13	20	2.11	5		0.26	33	19	0.45	998
MW1900N-300	-0.2	2.02	8	68		-5	0.05	0.2	19	14	21	2.38	8		0.25	25	15	0.45	1333
MW1900N-350	0.3	1.59	-5	69		-5	0.08	-0.2	6	15	18	3.06	8		0.22	16	11	0.41	557
MW1900N-400	-0.2	1.98	-5	58		-5	0.04	-0.2	11	16	18	2.58	8		0.26	24	15	0.46	945
MW1900N-450	-0.2	1.57	-5	42		-5	0.04	-0.2	4	15	13	3	8		0.2	13	9	0.32	235
MW1900N-500	0.2	1.96	6	48		6	0.03	-0.2	4	17	16	3.07	11		0.16	13	10	0.29	275
MW1900N-550	-0.2	1.66	-5	49		-5	0.03	-0.2	5	18	13	2.64	6		0.22	14	12	0.33	327
MW1900N-600	-0.2	1.23	-5	41		-5	0.05	-0.2	3	12	10	2.24	6		0.22	15	7	0.27	212
MW1900N-650	0.4	2.01	-5	103		-5	0.09	0.5	23	16	20	2.57	6		0.31	62	20	0.5	1246
MW1900N-700	-0.2	1.57	-5	161		-5	0.24	0.4	16	14	19	3.03	8		0.32	17	17	0.46	1578
MW1900N-750	-0.2	1.91	6	125		-5	0.06	1	31	16	25	3.39	8		0.32	27	18	0.5	2188
MW1900N-800	-0.2	2.33	-5	129		-5	0.19	0.4	36	18	26	3.39	7		0.4	45	32	0.64	1274
MW1900N-850	0.3	1.99	6	76		5	0.1	0.3	9	17	21	3.86	8		0.32	40	16	0.47	441
MW1900N-900	-0.2	1.35	7	71		-5	0.08	-0.2	6	13	17	2.95	8		0.3	15	9	0.3	656
MW1900N-950	-0.2	1.91	-5	52		-5	0.05	-0.2	9	15	17	3.4	7		0.33	30	13	0.4	539
MW1900N-1000	-0.2	1.62	-5	49		-5	0.04	-0.2	11	14	13	2.63	8		0.32	19	13	0.46	884
MW1900N-1050	-0.2	1.62	-5	61		-5	0.07	-0.2	10	14	14	2.6	7		0.31	20	15	0.42	984
MW1900N-1100	-0.2	1.56	-5	127		5	0.09	0.2	12	15	12	2.46	8		0.32	17	17	0.42	1100
MW1900N-1150	-0.2	1.52	-5	102		-5	0.17	-0.2	6	14	14	2.82	7		0.24	15	14	0.39	856
MW1900N-1200	-0.2	1.56	-5	67		-5	0.07	0.2	9	14	14	2.6	8		0.28	20	12	0.43	1060
MW1900N-1250	-0.2	1.19	-5	83		-5	0.1	-0.2	4	12	9	2.08	6		0.23	19	8	0.3	370

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LS2000S-1600	-1	0.01	4	9		14	-5	-5	-20	5	-10	-10		0.11		32	-20	4	42	2	
LS2000S-1650	-1	-0.01	3	10		14	-5	-5	-20	4	-10	-10		0.12		32	-20	4	43	2	
LS2000S-1700	-1	0.01	4	11		17	-5	-5	-20	5	-10	-10		0.1		30	-20	5	44	2	
LS2000S-1750	-1	0.01	5	9		17	-5	-5	-20	4	-10	-10		0.14		51	-20	3	38	8	
LS2000S-1800	-1	0.02	4	6		20	-5	-5	-20	5	-10	-10		0.12		40	-20	2	31	3	
LS2000S-1850	-1	0.02	5	8		20	-5	-5	-20	6	-10	-10		0.14		39	-20	5	42	11	
LS2000S-1900	-1	0.02	6	9		19	-5	-5	-20	4	-10	-10		0.15		46	-20	3	39	13	
LS2000S-1950	-1	0.01	6	11		17	-5	-5	-20	4	-10	-10		0.17		52	-20	3	40	8	
LS2000S-2000	-1	0.02	3	7		18	-5	-5	-20	4	-10	-10		0.12		39	-20	3	28	4	
LS2000S-2050	-1	0.01	5	10		21	-5	-5	-20	5	-10	-10		0.12		38	-20	4	42	11	
LS2000S-2100	-1	0.01	4	11		63	-5	-5	-20	7	-10	-10		0.11		35	-20	4	46	2	
MW1900N-50	-1	0.01	2	14		33	-5	-5	-20	5	-10	-10		0.07		26	-20	7	67	2	
MW1900N-100	-1	0.01	2	20		32	-5	-5	-20	8	-10	-10		0.06		25	-20	9	126	2	
MW1900N-150	-1	0.01	2	23		40	-5	-5	-20	8	-10	-10		0.07		23	-20	11	133	1	
MW1900N-200	-1	0.01	3	19		33	-5	-5	-20	9	-10	-10		0.08		25	-20	8	143	1	
MW1900N-250	-1	0.01	3	20		33	-5	-5	-20	7	-10	-10		0.07		21	-20	12	122	1	
MW1900N-300	-1	0.01	3	16		36	-5	-5	-20	9	-10	-10		0.07		25	-20	8	114	1	
MW1900N-350	-1	0.01	4	12		36	-5	-5	-20	12	-10	-10		0.13		34	-20	4	120	2	
MW1900N-400	-1	0.01	3	15		26	-5	-5	-20	6	-10	-10		0.09		26	-20	11	78	3	
MW1900N-450	-1	0.01	4	11		23	-5	-5	-20	6	-10	-10		0.11		29	-20	4	54	2	
MW1900N-500	-1	0.01	5	12		30	-5	-5	-20	5	-10	-10		0.14		38	-20	4	57	6	
MW1900N-550	-1	0.01	3	12		18	-5	-5	-20	5	-10	-10		0.09		26	-20	4	64	3	
MW1900N-600	-1	-0.01	3	9		19	-5	-5	-20	6	-10	-10		0.09		24	-20	4	52	1	
MW1900N-650	3	0.01	4	16		27	-5	-5	-20	13	-10	-10		0.09		25	-20	34	104	1	
MW1900N-700	-1	0.01	3	15		29	-5	-5	-20	22	-10	-10		0.09		27	-20	6	175	1	
MW1900N-750	-1	0.01	2	23		47	-5	-5	-20	12	-10	-10		0.08		27	-20	9	200	1	
MW1900N-800	-1	0.01	5	29		45	-5	-5	-20	22	-10	-10		0.1		25	-20	20	176	1	
MW1900N-850	-1	0.01	5	17		79	-5	-5	-20	11	-10	-10		0.13		32	-20	19	82	2	
MW1900N-900	1	0.01	3	11		26	-5	-5	-20	8	-10	-10		0.14		32	-20	6	71	2	
MW1900N-950	-1	0.01	3	12		29	-5	-5	-20	7	-10	-10		0.1		25	-20	14	80	2	
MW1900N-1000	-1	0.01	3	12		24	-5	-5	-20	6	-10	-10		0.1		25	-20	7	84	1	
MW1900N-1050	-1	0.01	2	13		24	-5	-5	-20	10	-10	-10		0.1		25	-20	7	99	1	
MW1900N-1100	-1	0.01	2	13		25	-5	-5	-20	10	-10	-10		0.09		24	-20	7	112	-1	
MW1900N-1150	-1	0.01	2	12		25	-5	-5	-20	17	-10	-10		0.1		25	-20	6	91	1	
MW1900N-1200	-1	0.01	2	12		21	-5	-5	-20	10	-10	-10		0.1		28	-20	8	81	1	
MW1900N-1250	-1	-0.01	3	10		15	-5	-5	-20	12	-10	-10		0.09		22	-20	10	60	-1	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
MW1900N-1300	-0.2	1.49	8	58		-5	0.07	0.3	4	13	11	2.65	8		0.2	10	11	0.31	375
MW1900N-1350	-0.2	1.43	-5	114		-5	0.11	0.6	14	13	12	2.28	7		0.22	47	12	0.3	1318
MW1900N-1400	0.2	1.29	-5	67		-5	0.05	-0.2	3	13	11	2.65	8		0.18	12	6	0.26	229
MW1900N-1450	-0.2	1.32	-5	36		-5	0.04	-0.2	2	12	9	2.84	8		0.17	9	7	0.25	166
MW1900N-1500	0.3	1.73	-5	52		-5	0.08	0.4	8	13	18	3.16	10		0.18	13	10	0.32	510
MW1900N-1550	0.2	2.29	-5	64		-5	0.05	0.3	14	15	22	2.69	8		0.21	30	16	0.48	539
MW1900N-1600	-0.2	1.93	-5	77		-5	0.08	0.7	10	14	21	2.58	8		0.21	36	11	0.35	415
MW1900N-1650	-0.2	1.74	-5	163		-5	0.11	0.3	21	15	13	2.44	9		0.25	33	12	0.42	2150
MW1900N-1700	-0.2	1.68	-5	64		-5	0.04	-0.2	6	14	16	2.81	9		0.19	16	10	0.34	617
MW1900N-1750	-0.2	1.75	-5	57		6	0.05	-0.2	4	13	13	3.16	11		0.19	10	11	0.29	213
MW1900N-1800	0.3	1.79	-5	62		-5	0.05	0.3	9	13	16	3.18	13		0.14	19	10	0.25	874
MW1900N-1850	-0.2	1.46	-5	70		-5	0.04	0.2	5	13	15	2.89	8		0.19	18	9	0.36	330
MW1900N-1900	0.3	1.77	-5	60		-5	0.05	-0.2	5	13	18	3.65	11		0.19	32	9	0.27	207
MW1900N-1950	-0.2	1.57	-5	120		-5	0.28	-0.2	8	15	18	3.1	8		0.25	14	15	0.43	1060
MW1900N-2000	0.2	1.9	-5	76		-5	0.07	-0.2	5	15	15	2.7	9		0.19	12	15	0.39	366
MW1900N-2050	0.3	1.4	-5	112		-5	0.1	-0.2	10	14	16	2.81	10		0.22	15	11	0.36	1984
MW1900N-2100	-0.2	2.03	-5	123		-5	0.1	-0.2	16	17	15	3.25	9		0.32	18	24	0.58	1180
MW1900N-2150	0.3	1.48	-5	39		-5	0.07	-0.2	3	15	14	3.42	6		0.23	10	10	0.4	161
MW1900N-2200	-0.2	1.52	-5	150		-5	0.2	-0.2	6	16	15	3.33	8		0.34	12	16	0.53	485
MW1900N-2250	-0.2	2.81	-5	65		-5	0.05	-0.2	9	15	20	3.11	8		0.24	28	19	0.49	269
MW1900N-2300	-0.2	2.08	6	88		-5	0.08	-0.2	7	18	22	3.4	7		0.32	24	31	0.72	333
MW1900N-2350	-0.2	1.57	-5	47		-5	0.06	-0.2	4	15	13	2.63	7		0.24	12	17	0.56	202
MW1900N-2400	-0.2	2.02	-5	78		-5	0.08	-0.2	12	15	22	3	9		0.22	17	21	0.44	399
MW1900N-2450	-0.2	1.96	-5	89		-5	0.06	0.4	8	19	17	4.01	10		0.3	14	21	0.61	405
MW1900N-2500	0.3	1.78	-5	84		-5	0.1	-0.2	13	16	30	3	7		0.36	44	21	0.63	622
MW1900N-2550	-0.2	1.56	-5	54		-5	0.04	-0.2	5	15	14	2.32	7		0.21	31	7	0.4	296
MW1900N-2600	-0.2	1.82	6	68		-5	0.06	0.3	6	14	16	2.66	10		0.21	16	13	0.38	287
MW1900N-2650	-0.2	1.71	-5	66		-5	0.08	-0.2	10	13	13	2.5	9		0.18	19	13	0.36	649
MW1900N-2700	-0.2	1.5	-5	44		-5	0.04	-0.2	4	10	13	1.81	6		0.16	21	8	0.22	134
MW1900N-2750	-0.2	1.87	-5	55		-5	0.08	-0.2	18	14	15	2.57	8		0.21	28	18	0.42	492
MW1900N-2800	-0.2	2.08	-5	49		-5	0.05	0.2	4	11	18	2.09	8		0.16	19	12	0.28	144
MW1900N-2850	0.2	1.68	-5	51		-5	0.04	0.3	5	11	11	2.08	8		0.19	15	11	0.3	194
MW1900N-2900	-0.2	1.77	-5	61		-5	0.06	-0.2	8	14	11	2.49	9		0.2	16	16	0.41	498
MW1900N-2950	0.3	1.96	-5	46		-5	0.04	-0.2	2	13	10	2.64	10		0.1	9	8	0.15	196
MW1900N-3000	0.3	2.59	14	38		-5	0.03	-0.2	2	11	13	2.81	12		0.11	9	10	0.18	232
MW1900N-3050	0.2	2.48	5	57		-5	0.05	0.2	14	16	23	3.13	11		0.21	24	19	0.46	683

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
MW1900N-1300	-1	0.01	4	10		26	-5	-5	-20	7	-10	-10		0.1		30	-20	3	73	2	
MW1900N-1350	-1	0.01	2	12		22	-5	-5	-20	15	-10	-10		0.1		27	-20	34	89	-1	
MW1900N-1400	-1	0.01	4	9		19	-5	-5	-20	7	-10	-10		0.11		33	-20	3	50	1	
MW1900N-1450	-1	0.01	4	7		18	-5	-5	-20	5	-10	-10		0.11		33	-20	3	42	3	
MW1900N-1500	-1	0.02	4	11		41	-5	-5	-20	9	-10	-10		0.14		34	-20	6	58	3	
MW1900N-1550	-1	0.02	3	14		63	-5	-5	-20	7	-10	-10		0.1		28	-20	18	80	2	
MW1900N-1600	-1	0.01	4	13		31	-5	-5	-20	11	-10	-10		0.08		26	-20	23	68	1	
MW1900N-1650	-1	0.01	2	13		30	-5	-5	-20	17	-10	-10		0.08		25	-20	16	78	-1	
MW1900N-1700	-1	0.02	2	11		27	-5	-5	-20	7	-10	-10		0.14		37	-20	6	57	2	
MW1900N-1750	-1	0.02	5	9		19	-5	-5	-20	8	-10	-10		0.15		37	-20	3	54	5	
MW1900N-1800	-1	0.02	3	10		23	-5	-5	-20	7	-10	-10		0.15		41	-20	8	48	4	
MW1900N-1850	-1	0.01	3	11		22	-5	-5	-20	7	-10	-10		0.15		33	-20	7	54	2	
MW1900N-1900	-1	0.02	5	10		24	-5	-5	-20	8	-10	-10		0.16		34	-20	13	56	6	
MW1900N-1950	-1	0.01	3	14		34	-5	-5	-20	24	-10	-10		0.14		31	-20	5	83	2	
MW1900N-2000	-1	0.02	4	12		23	-5	-5	-20	8	-10	-10		0.13		32	-20	4	68	3	
MW1900N-2050	-1	0.01	3	12		32	-5	-5	-20	11	-10	-10		0.14		32	-20	5	74	2	
MW1900N-2100	-1	0.01	3	16		29	-5	-5	-20	12	-10	-10		0.15		32	-20	7	122	2	
MW1900N-2150	-1	0.01	5	10		24	-5	-5	-20	7	-10	-10		0.15		28	-20	4	49	3	
MW1900N-2200	-1	0.01	3	14		28	-5	-5	-20	18	-10	-10		0.19		36	-20	4	98	2	
MW1900N-2250	-1	0.02	5	14		23	-5	-5	-20	7	-10	-10		0.15		27	-20	16	88	7	
MW1900N-2300	-1	0.01	2	20		26	-5	-5	-20	10	-10	-10		0.17		27	-20	11	102	4	
MW1900N-2350	-1	0.01	3	13		25	-5	-5	-20	7	-10	-10		0.18		24	-20	6	60	2	
MW1900N-2400	-1	0.02	4	16		58	-5	-5	-20	9	-10	-10		0.16		31	-20	7	92	6	
MW1900N-2450	5	0.02	4	17		41	-5	-5	-20	10	-10	-10		0.18		38	-20	7	103	4	
MW1900N-2500	1	0.01	3	25		38	-5	-5	-20	11	-10	-10		0.11		25	-20	15	145	2	
MW1900N-2550	-1	0.01	4	13		37	-5	-5	-20	7	-10	-10		0.1		27	-20	7	57	1	
MW1900N-2600	1	0.02	3	13		27	-5	-5	-20	9	-10	-10		0.11		31	-20	8	49	3	
MW1900N-2650	2	0.02	2	11		24	-5	-5	-20	8	-10	-10		0.12		30	-20	7	58	2	
MW1900N-2700	-1	0.01	2	8		16	-5	-5	-20	6	-10	-10		0.08		23	-20	7	41	1	
MW1900N-2750	2	0.02	2	11		26	-5	-5	-20	9	-10	-10		0.12		25	-20	13	53	4	
MW1900N-2800	-1	0.02	4	10		21	-5	-5	-20	7	-10	-10		0.1		24	-20	8	39	4	
MW1900N-2850	-1	0.02	3	9		20	-5	-5	-20	6	-10	-10		0.12		25	-20	6	44	3	
MW1900N-2900	1	0.02	2	12		28	-5	-5	-20	8	-10	-10		0.14		34	-20	7	64	2	
MW1900N-2950	-1	0.02	4	8		18	-5	-5	-20	6	-10	-10		0.12		36	-20	3	36	9	
MW1900N-3000	-1	0.02	5	7		15	-5	-5	-20	6	-10	-10		0.14		33	-20	3	37	14	
MW1900N-3050	1	0.02	3	16		26	-5	-5	-20	10	-10	-10		0.14		34	-20	25	67	5	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
MW1900N-3100	0.4	2.41	5	44		-5	0.03	0.3	4	13	19	4.03	14		0.16	18	10	0.28	186
MW1900N-3150	0.4	3.04	9	45		-5	0.04	-0.2	5	15	25	3.42	11		0.17	22	14	0.36	202
MW1900N-3200	-0.2	2.51	-5	70		-5	0.07	-0.2	6	19	24	2.99	7		0.3	26	22	0.59	270
MW1900N-3250	-0.2	2.25	6	72		-5	0.04	-0.2	7	19	23	2.91	8		0.34	29	16	0.56	328
MW1900N-3300	0.4	2.16	-5	95		-5	0.14	0.3	14	20	28	2.76	8		0.27	32	15	0.51	448
MW1900N-3350	-0.2	2.47	-5	68		-5	0.04	-0.2	7	16	23	2.71	7		0.34	33	16	0.58	249
MW1900N-3400	-0.2	2.61	-5	80		-5	0.05	-0.2	7	20	20	2.76	8		0.29	28	17	0.48	349
MW1900N-3450	0.2	1.77	-5	61		-5	0.04	0.3	9	17	12	2.76	11		0.2	17	10	0.29	969
MW1900N-3500	-0.2	2.28	-5	65		-5	0.05	-0.2	7	15	21	2.62	8		0.29	28	16	0.48	290
MW1900N-3550	-0.2	2.51	-5	67		-5	0.04	-0.2	7	19	22	3.02	7		0.32	31	18	0.56	275
MW1900N-3600	0.4	2.38	-5	50		-5	0.04	-0.2	4	17	16	3.4	11		0.14	10	13	0.2	337
MW1900N-3650	0.7	2.74	-5	51		-5	0.04	0.3	13	13	19	2.77	13		0.09	16	11	0.12	855
MW1900N-3700	0.3	2.63	-5	45		-5	0.03	-0.2	3	14	13	3.89	11		0.11	10	13	0.17	230
MW1900N-3750	0.2	1.92	-5	93		-5	0.1	-0.2	25	17	14	2.7	9		0.27	30	20	0.48	1293
MW1900N-3800	0.2	1.76	-5	68		-5	0.07	0.3	12	16	17	2.54	9		0.24	28	16	0.35	694
MW1900N-3850	0.3	2.05	-5	71		-5	0.05	0.2	5	15	13	3.26	10		0.25	21	18	0.38	201
MW1900N-3900	-0.2	1.78	-5	58		-5	0.03	-0.2	6	14	14	2.48	4		0.38	30	17	0.53	225
MW1900N-3950	0.3	2	-5	59		-5	0.04	-0.2	4	14	10	3.46	10		0.17	13	14	0.27	254
MW1900N-4000	0.6	1.97	-5	65		-5	0.06	0.2	12	17	15	2.63	9		0.26	28	19	0.42	419
LN1800E-0	-0.2	2.59	-5	29		-5	0.03	-0.2	4	9	11	2.55	8		0.07	9	8	0.13	85
LN1800E-50	-0.2	1.74	-5	39		-5	0.05	0.2	5	9	23	2.18	5		0.08	14	9	0.17	110
LN1800E-100	0.5	2.01	-5	36		-5	0.06	-0.2	6	10	24	3.61	9		0.07	9	9	0.17	121
LN1800E-150	-0.2	3.12	-5	36		-5	0.07	0.2	7	11	36	3.4	8		0.07	13	9	0.2	230
LN1800E-200	-0.2	2.46	9	64		-5	0.05	-0.2	10	14	19	2.78	5		0.21	26	14	0.28	274
LN1800E-250	-0.2	1.04	-5	29		-5	0.07	-0.2	4	8	11	1.44	-2		0.16	16	7	0.24	136
LN1800E-300	-0.2	2.07	-5	46		-5	0.04	0.2	10	12	23	2.63	6		0.13	26	11	0.28	334
LN1800E-350	-0.2	2.18	-5	53		-5	0.04	0.2	8	13	21	2.9	6		0.19	21	11	0.29	242
LN1800E-400	-0.2	2.09	-5	62		-5	0.04	-0.2	9	16	20	2.6	3		0.33	24	15	0.44	267
LN1800E-450	-0.2	1.71	-5	31		-5	0.03	-0.2	5	10	9	2.56	5		0.1	20	9	0.19	142
LN1800E-500	-0.2	2.85	-5	30		-5	0.05	0.3	6	10	15	2.82	8		0.06	10	7	0.14	105
LN1800E-550	-0.2	1.96	-5	37		-5	0.04	-0.2	5	12	15	3.1	8		0.1	14	9	0.19	120
LN1800E-600	-0.2	1.75	-5	45		-5	0.04	0.2	7	12	11	3.17	5		0.22	13	12	0.34	209
LN1800E-650	-0.2	3.84	-5	22		-5	0.04	-0.2	4	8	14	1.89	7		0.04	15	4	0.08	77
LN1800E-700	-0.2	3	-5	19		-5	0.06	-0.2	5	8	15	1.85	8		0.04	24	4	0.12	61
LN1800E-750	-0.2	3.47	-5	35		-5	0.05	-0.2	4	9	12	1.96	3		0.08	11	9	0.16	96
LN1800E-800	-0.2	1.92	5	45		-5	0.07	0.3	3	8	13	1.25	6		0.07	12	7	0.13	127

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
MW1900N-3100	1	0.02	5	11		25	-5	-5	-20	6	-10	-10		0.16		41	-20	9	44	10	
MW1900N-3150	-1	0.02	4	12		21	-5	-5	-20	7	-10	-10		0.12		30	-20	13	50	10	
MW1900N-3200	-1	0.02	3	19		25	-5	-5	-20	14	-10	-10		0.13		27	-20	14	81	4	
MW1900N-3250	-1	0.02	2	19		24	-5	-5	-20	9	-10	-10		0.11		27	-20	15	71	3	
MW1900N-3300	-1	0.02	3	21		29	-5	-5	-20	24	-10	-10		0.09		26	-20	22	65	2	
MW1900N-3350	-1	0.02	4	18		25	-5	-5	-20	8	-10	-10		0.12		26	-20	13	74	5	
MW1900N-3400	-1	0.02	4	18		23	-5	-5	-20	9	-10	-10		0.14		28	-20	12	82	7	
MW1900N-3450	-1	0.02	2	12		20	-5	-5	-20	8	-10	-10		0.14		34	-20	7	55	3	
MW1900N-3500	-1	0.02	3	15		25	-5	-5	-20	9	-10	-10		0.13		27	-20	11	73	5	
MW1900N-3550	-1	0.01	3	18		24	-5	-5	-20	8	-10	-10		0.14		29	-20	13	78	6	
MW1900N-3600	1	0.02	4	10		18	-5	-5	-20	7	-10	-10		0.15		35	-20	4	56	12	
MW1900N-3650	-1	0.02	3	8		27	-5	-5	-20	7	-10	-10		0.12		35	-20	7	43	6	
MW1900N-3700	-1	0.02	4	8		25	-5	-5	-20	6	-10	-10		0.16		39	-20	5	41	18	
MW1900N-3750	-1	0.01	2	14		37	-5	-5	-20	18	-10	-10		0.12		27	-20	14	78	1	
MW1900N-3800	-1	0.02	2	12		24	-5	-5	-20	14	-10	-10		0.12		27	-20	19	54	2	
MW1900N-3850	-1	0.02	3	12		24	-5	-5	-20	9	-10	-10		0.16		31	-20	8	64	6	
MW1900N-3900	-1	-0.01	2	13		14	-5	-5	-20	6	-10	-10		0.12		17	-20	12	59	2	
MW1900N-3950	-1	0.01	3	9		19	-5	-5	-20	6	-10	-10		0.14		35	-20	4	75	6	
MW1900N-4000	-1	0.02	2	13		19	-5	-5	-20	11	-10	-10		0.14		27	-20	28	73	3	
LN1800E-0	1	0.02	6	6		15	-5	-5	-20	4	-10	-10		0.15		39	-20	3	18	28	
LN1800E-50	-1	0.02	4	7		14	-5	-5	-20	5	-10	-10		0.12		38	-20	6	21	7	
LN1800E-100	1	0.02	4	7		15	-5	-5	-20	5	-10	-10		0.17		71	-20	4	23	16	
LN1800E-150	-1	0.02	5	8		14	-5	-5	-20	5	-10	-10		0.13		59	-20	7	24	17	
LN1800E-200	-1	0.02	5	11		16	-5	-5	-20	7	-10	-10		0.16		36	-20	43	33	11	
LN1800E-250	-1	0.01	2	7		7	-5	-5	-20	3	-10	-10		0.08		17	-20	11	20	2	
LN1800E-300	-1	0.02	4	10		15	-5	-5	-20	5	-10	-10		0.12		30	-20	24	31	9	
LN1800E-350	-1	0.01	5	11		20	-5	-5	-20	5	-10	-10		0.13		32	-20	15	36	8	
LN1800E-400	-1	-0.01	4	15		11	-5	-5	-20	5	-10	-10		0.1		26	-20	15	47	3	
LN1800E-450	-1	0.01	4	7		13	-5	-5	-20	4	-10	-10		0.12		30	-20	16	22	9	
LN1800E-500	1	0.02	5	9		17	-5	-5	-20	5	-10	-10		0.15		34	-20	5	21	33	
LN1800E-550	1	0.02	5	8		17	-5	-5	-20	5	-10	-10		0.12		34	-20	7	27	11	
LN1800E-600	1	0.01	5	9		12	-5	-5	-20	5	-10	-10		0.15		30	-20	7	31	7	
LN1800E-650	1	0.02	4	5		12	-5	-5	-20	5	-10	-10		0.1		22	-20	9	12	29	
LN1800E-700	1	0.04	5	8		12	-5	-5	-20	7	-10	-10		0.15		28	-20	16	18	34	
LN1800E-750	-1	0.02	5	7		10	-5	-5	-20	5	-10	-10		0.1		24	-20	6	20	29	
LN1800E-800	2	0.02	4	6		20	-5	-5	-20	7	-10	-10		0.06		20	-20	5	17	4	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
LN1800E-850	-0.2	2.14	-5	29		-5	0.04	-0.2	5	8	19	2.25	8		0.06	12	7	0.15	79
LN1800E-900	-0.2	1.9	-5	16		-5	0.06	0.3	5	7	12	2.75	9		0.02	8	2	0.13	64
LN1800E-950	-0.2	2.09	-5	39		-5	0.05	0.5	12	10	25	3.25	9		0.06	13	8	0.19	211
LN1800E-1000	-0.2	4.55	61	25		-5	0.04	-0.2	5	10	27	2.76	9		0.05	30	5	0.1	46
LN1800E-1050	-0.2	2.01	-5	26		-5	0.05	-0.2	4	7	14	1.74	5		0.07	12	9	0.13	74
LN1800E-1100	-0.2	2.25	6	32		-5	0.06	-0.2	5	8	25	2.54	7		0.06	11	7	0.18	86
LN1800E-1150	-0.2	2.2	8	36		-5	0.06	-0.2	8	8	32	2.11	6		0.09	13	9	0.19	143
LN1800E-1200	-0.2	1.61	9	39		-5	0.17	0.3	8	9	34	2.19	3		0.16	11	13	0.33	215
LN1800E-1250	-0.2	1.67	10	40		-5	0.16	0.2	13	10	43	2.39	4		0.12	13	13	0.32	273
LN1800E-1300	-0.2	2.68	6	30		-5	0.11	0.2	7	9	28	2.21	5		0.08	11	8	0.17	288
LN1800E-1350	-0.2	1.76	5	42		-5	0.12	0.3	9	10	24	2.57	6		0.12	13	9	0.24	328
LN1800E-1400	0.2	2.05	5	38		-5	0.08	0.8	8	10	26	3.41	9		0.08	14	7	0.16	257
LN1800E-1450	-0.2	1.93	-5	37		-5	0.06	0.2	5	8	19	1.96	6		0.07	12	6	0.1	244
LN1800E-1500	0.4	2.24	6	64		-5	0.05	0.5	8	11	39	2.96	8		0.09	18	7	0.19	143
LN1800E-1550	-0.2	1.39	5	44		-5	0.13	-0.2	6	11	15	1.78	-2		0.23	15	9	0.32	178
LN1800E-1600	-0.2	2.42	10	42		-5	0.08	0.5	10	11	26	2.25	6		0.11	18	9	0.23	329
LN1800E-1650	-0.2	1.93	-5	43		-5	0.05	0.6	7	11	25	2.26	6		0.11	18	10	0.25	143
LN1800E-1700	-0.2	1.61	6	47		-5	0.1	-0.2	7	13	14	1.98	-2		0.26	12	12	0.4	193
LN1800E-1750	0.2	3.57	5	28		-5	0.06	-0.2	4	9	14	2.63	7		0.06	8	5	0.1	72
LN1800E-1800	-0.2	2.48	5	33		-5	0.06	-0.2	5	9	14	2.75	7		0.12	16	7	0.18	95
LN1800E-1850	-0.2	1.97	7	48		-5	0.05	0.3	9	12	13	3.69	8		0.13	12	10	0.27	174
LN1800E-1900	-0.2	4.58	99	53		-5	0.05	0.3	9	12	20	1.29	8		0.1	28	14	0.19	71
LN1800E-1950	0.2	1.97	27	43		-5	0.04	0.9	12	10	15	2.81	7		0.13	16	10	0.22	305
LN1800E-2000	-0.2	2.34	25	44		-5	0.05	0.3	11	12	31	2.79	6		0.13	18	13	0.27	267
LN1800E-2050	-0.2	2.69	28	33		-5	0.06	-0.2	7	9	16	3.63	12		0.06	17	6	0.14	111
LN1800E-2100	-0.2	3.18	44	44		-5	0.06	-0.2	9	11	27	2.45	6		0.12	27	11	0.24	247
LN1800E-2150	-0.2	2.23	6	46		-5	0.08	-0.2	7	15	14	2.65	2		0.23	17	17	0.47	253
LN1800E-2200	-0.2	2.17	11	49		-5	0.07	0.4	7	15	15	3.13	5		0.19	15	16	0.4	252
LN1800E-2250	-0.2	2.33	12	33		-5	0.05	0.2	8	11	19	2.88	9		0.08	21	10	0.23	214
LN1800E-2300	-0.2	3.09	11	24		-5	0.09	0.3	6	8	19	2.83	7		0.06	30	5	0.14	136
LN1800E-2350	-0.2	2.2	7	30		-5	0.05	0.2	6	8	30	2.34	7		0.05	24	6	0.17	70
LN1800E-2400	-0.2	1.87	6	48		-5	0.05	-0.2	7	14	15	2.67	4		0.19	20	13	0.36	201
LN1800E-2450	-0.2	3.73	-5	31		-5	0.04	-0.2	5	8	14	1.92	7		0.07	16	8	0.16	74
LN1800E-2500	-0.2	2.31	-5	35		-5	0.04	0.2	6	11	17	3.62	9		0.1	12	9	0.2	160
LN1800E-2550	-0.2	1.38	7	29		-5	0.06	-0.2	5	13	14	2.75	3		0.17	12	7	0.31	162
LN1800E-2600	-0.2	2.54	-5	44		-5	0.05	-0.2	13	13	26	2.87	7		0.12	24	12	0.26	428

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LN1800E-850	1	0.03	4	8		13	-5	-5	-20	6	-10	-10		0.11		25	-20	6	19	16	
LN1800E-900	2	0.04	4	9		12	-5	-5	-20	7	-10	-10		0.14		27	-20	7	15	24	
LN1800E-950	2	0.03	5	10		18	-5	-5	-20	6	-10	-10		0.14		31	-20	9	24	14	
LN1800E-1000	2	0.02	6	6		16	-5	-5	-20	5	-10	-10		0.16		40	-20	18	13	50	
LN1800E-1050	-1	0.01	3	6		12	-5	-5	-20	4	-10	-10		0.09		26	-20	6	16	10	
LN1800E-1100	2	0.02	4	9		16	-5	-5	-20	6	-10	-10		0.11		28	-20	7	20	14	
LN1800E-1150	1	0.02	5	9		14	-5	-5	-20	6	-10	-10		0.11		29	-20	9	21	11	
LN1800E-1200	1	0.02	3	10		7	-5	-5	-20	5	-10	-10		0.09		34	-20	7	27	3	
LN1800E-1250	2	0.02	3	12		10	-5	-5	-20	5	-10	-10		0.1		44	-20	8	37	4	
LN1800E-1300	2	0.02	4	7		16	-5	-5	-20	5	-10	-10		0.11		42	-20	7	25	9	
LN1800E-1350	1	0.02	4	10		20	-5	-5	-20	7	-10	-10		0.12		40	-20	9	30	7	
LN1800E-1400	1	0.02	4	8		20	-5	-5	-20	6	-10	-10		0.12		39	-20	9	24	11	
LN1800E-1450	-1	0.02	3	7		19	-5	-5	-20	5	-10	-10		0.07		28	-20	6	19	5	
LN1800E-1500	1	0.02	4	11		27	-5	-5	-20	6	-10	-10		0.11		33	-20	11	29	10	
LN1800E-1550	-1	0.01	3	10		12	-5	-5	-20	4	-10	-10		0.1		25	-20	9	32	2	
LN1800E-1600	1	0.02	4	10		23	-5	-5	-20	7	-10	-10		0.08		30	-20	13	33	7	
LN1800E-1650	1	0.02	4	10		26	-5	-5	-20	7	-10	-10		0.09		31	-20	12	32	6	
LN1800E-1700	-1	0.01	3	12		15	-5	-5	-20	4	-10	-10		0.13		29	-20	6	45	1	
LN1800E-1750	-1	0.02	6	6		11	-5	-5	-20	5	-10	-10		0.12		29	-20	5	22	38	
LN1800E-1800	2	0.02	5	8		52	-5	-5	-20	5	-10	-10		0.14		29	-20	10	26	19	
LN1800E-1850	1	0.02	5	10		31	-5	-5	-20	6	-10	-10		0.18		44	-20	6	45	11	
LN1800E-1900	3	0.03	6	11		128	-5	-5	-20	8	-10	-10		0.16		31	-20	19	109	31	
LN1800E-1950	3	0.02	4	10		52	-5	-5	-20	6	-10	-10		0.14		35	-20	10	52	8	
LN1800E-2000	3	0.02	5	11		43	-5	-5	-20	6	-10	-10		0.11		33	-20	8	47	8	
LN1800E-2050	3	0.03	6	8		42	-5	-5	-20	7	-10	-10		0.18		39	-20	11	28	24	
LN1800E-2100	2	0.02	5	10		63	-5	-5	-20	7	-10	-10		0.09		29	-20	19	38	10	
LN1800E-2150	-1	0.01	5	11		18	-5	-5	-20	5	-10	-10		0.12		28	-20	8	58	6	
LN1800E-2200	-1	0.01	4	11		28	-5	-5	-20	5	-10	-10		0.12		35	-20	6	62	7	
LN1800E-2250	1	0.03	4	10		23	-5	-5	-20	8	-10	-10		0.12		34	-20	16	32	13	
LN1800E-2300	1	0.03	4	9		31	-5	-5	-20	11	-10	-10		0.12		28	-20	29	22	23	
LN1800E-2350	2	0.03	4	9		34	-5	-5	-20	6	-10	-10		0.12		23	-20	18	23	16	
LN1800E-2400	-1	0.01	5	10		14	-5	-5	-20	3	-10	-10		0.12		27	-20	11	41	6	
LN1800E-2450	-1	0.02	5	6		13	-5	-5	-20	5	-10	-10		0.13		28	-20	10	18	29	
LN1800E-2500	-1	0.02	6	8		26	-5	-5	-20	5	-10	-10		0.15		39	-20	6	28	14	
LN1800E-2550	-1	-0.01	5	9		38	-5	-5	-20	4	-10	-10		0.12		36	-20	5	28	2	
LN1800E-2600	1	0.02	4	11		28	-5	-5	-20	6	-10	-10		0.12		35	-20	12	56	8	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
LN1800E-2650	-0.2	2.92	14	61		-5	0.07	-0.2	8	14	37	2.93	4		0.16	25	18	0.36	266
LN1800E-2700	-0.2	3.7	22	34		-5	0.06	1.3	7	21	28	4.69	9		0.08	12	12	0.24	242
LN1800E-2750	-0.2	4.33	8	47		-5	0.04	-0.2	7	15	25	3.68	7		0.09	8	16	0.21	123
LN1800E-2800	-0.2	1.73	6	113		-5	0.23	0.3	14	14	36	2.65	5		0.19	35	11	0.3	1140
LN1800E-2850	-0.2	2.28	9	48		-5	0.06	-0.2	11	17	27	3.27	5		0.22	33	22	0.46	397
LN1800E-2900	-0.2	2.11	6	80		-5	0.1	-0.2	23	16	30	2.89	5		0.22	27	18	0.39	1534
LN1800E-2950	-0.2	1.56	5	44		-5	0.05	-0.2	7	17	13	2.88	4		0.17	11	12	0.3	179
LN1800E-3000	0.2	2.72	8	47		-5	0.07	-0.2	8	17	16	3.68	4		0.23	13	20	0.36	273
LN1800E-3050	-0.2	1.46	7	59		-5	0.09	-0.2	8	15	16	2.57	2		0.23	19	11	0.37	209
LN1800E-3100	1.5	3.28	86	48		-5	0.1	-0.2	9	16	41	3.18	6		0.17	28	18	0.38	429
LN1800E-3150	-0.2	3	9	42		-5	0.03	0.2	7	18	18	5.91	11		0.1	10	11	0.23	223
LN1800E-3200	-0.2	2.67	9	44		-5	0.05	-0.2	6	18	14	4.21	8		0.13	11	14	0.25	239
LN1800E-3250	-0.2	2.59	7	51		-5	0.05	-0.2	7	14	13	3.02	6		0.14	10	16	0.25	239
LN1800E-3300	-0.2	1.93	6	44		-5	0.06	-0.2	7	16	14	2.77	3		0.18	10	17	0.32	215
LN1800E-3350	-0.2	2.09	8	64		-5	0.07	-0.2	10	14	24	2.48	3		0.2	14	19	0.35	329
LN1800E-3400	-0.2	1.95	21	86		-5	0.07	-0.2	10	16	20	3.28	4		0.25	16	25	0.4	670
LN1800E-3450	-0.2	2.71	18	109		-5	0.08	-0.2	14	13	32	3.12	5		0.22	18	24	0.36	1093
LN1800E-3500	-0.2	1.99	38	81		-5	0.06	-0.2	11	17	29	4.2	5		0.25	19	28	0.42	376
LN1800E-3550	-0.2	1.47	32	72		-5	0.07	-0.2	6	13	18	2.78	4		0.21	16	12	0.27	377
LN1800E-3600	-0.2	1.91	56	58		-5	0.07	-0.2	7	15	24	4.17	5		0.2	19	20	0.31	215
LN1800E-3650	-0.2	1.63	36	86		-5	0.06	-0.2	7	14	22	3.38	5		0.21	19	12	0.25	538
LN1800E-3700	-0.2	1.5	14	60		-5	0.07	0.3	9	13	17	3.01	7		0.2	13	8	0.26	862
LN1800E-3750	-0.2	1.52	40	50		-5	0.07	-0.2	7	12	16	2.93	6		0.17	13	7	0.23	380
LN1800E-3800	0.4	1.83	15	35		-5	0.04	0.5	7	10	18	3.08	7		0.1	12	6	0.14	436
LN1800E-3850	-0.2	2.74	63	50		-5	0.08	-0.2	8	14	24	2.45	5		0.19	36	14	0.31	234
LN1800E-3900	-0.2	2.22	69	66		-5	0.07	-0.2	9	14	26	3.14	6		0.18	54	13	0.3	1007
LN1800E-3950	-0.2	1.79	53	67		-5	0.06	-0.2	8	15	21	3.87	8		0.15	31	9	0.24	450
LN1800E-4100	-0.2	2.56	58	71		-5	0.06	-0.2	22	14	55	4.54	5		0.26	46	16	0.36	1021
LN1800E-4150	-0.2	2.44	17	109		-5	0.09	-0.2	15	15	39	4.69	8		0.2	29	23	0.36	794
LN1800E-4200	-0.2	2.03	14	213		-5	0.15	-0.2	16	13	32	4.19	8		0.18	23	17	0.29	2614
LN1800E-4250	-0.2	3.29	12	83		-5	0.06	-0.2	15	15	43	3.8	6		0.17	31	22	0.39	474
LN1800E-4300	-0.2	2.73	17	54		-5	0.04	-0.2	12	17	40	4.13	6		0.26	99	17	0.38	313
LN1800E-4350	-0.2	2.19	12	79		-5	0.24	0.2	35	18	30	3.33	7		0.28	78	28	0.43	2421
LN1800E-4400	-0.2	2.46	6	87		-5	0.07	-0.2	13	16	27	3.19	5		0.26	31	19	0.42	1025
LN1800E-4450	-0.2	2.75	6	77		-5	0.07	-0.2	15	17	29	3.15	7		0.29	63	17	0.42	1350
LN1800E-4500	-0.2	2.47	-5	70		-5	0.09	-0.2	9	17	20	4.05	7		0.2	16	18	0.35	391

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LN1800E-2650	-1	0.01	4	16		62	-5	-5	-20	5	-10	-10		0.09		28	-20	11	99	6	
LN1800E-2700	2	0.02	6	12		87	-5	-5	-20	7	-10	-10		0.17		54	-20	5	103	27	
LN1800E-2750	-1	0.02	6	11		19	-5	-5	-20	7	-10	-10		0.18		46	-20	4	51	41	
LN1800E-2800	-1	0.01	4	26		45	-5	-5	-20	19	-10	-10		0.06		29	-20	16	109	2	
LN1800E-2850	1	-0.01	5	20		41	-5	-5	-20	5	-10	-10		0.12		35	-20	15	122	4	
LN1800E-2900	-1	0.01	3	15		49	-5	-5	-20	10	-10	-10		0.09		36	-20	13	103	1	
LN1800E-2950	-1	0.01	5	13		25	-5	-5	-20	5	-10	-10		0.14		36	-20	4	54	5	
LN1800E-3000	-1	0.01	5	12		20	-5	-5	-20	5	-10	-10		0.14		34	-20	6	104	9	
LN1800E-3050	-1	0.01	4	13		22	-5	-5	-20	6	-10	-10		0.13		29	-20	9	50	2	
LN1800E-3100	-1	0.02	5	18		612	-5	-5	-20	9	-10	-10		0.1		32	-20	19	106	8	
LN1800E-3150	1	0.02	7	9		43	-5	-5	-20	6	-10	-10		0.19		57	-20	4	48	34	
LN1800E-3200	-1	0.01	5	12		32	-5	-5	-20	6	-10	-10		0.14		46	-20	4	82	14	
LN1800E-3250	-1	0.01	5	11		22	-5	-5	-20	5	-10	-10		0.14		41	-20	4	68	10	
LN1800E-3300	-1	0.01	4	12		23	-5	-5	-20	4	-10	-10		0.13		33	-20	5	59	5	
LN1800E-3350	-1	0.01	3	14		36	-5	-5	-20	6	-10	-10		0.13		28	-20	6	84	5	
LN1800E-3400	-1	0.01	3	16		135	-5	-5	-20	7	-10	-10		0.14		35	-20	6	96	3	
LN1800E-3450	-1	0.02	4	19		163	-5	-5	-20	9	-10	-10		0.15		35	-20	7	110	8	
LN1800E-3500	-1	0.01	5	17		260	-5	-5	-20	9	-10	-10		0.18		40	-20	6	125	4	
LN1800E-3550	-1	0.01	3	10		245	-5	-5	-20	9	-10	-10		0.13		35	-20	5	42	2	
LN1800E-3600	1	0.01	5	11		261	-5	-5	-20	9	-10	-10		0.14		34	-20	6	50	5	
LN1800E-3650	-1	0.01	4	9		263	-5	-5	-20	9	-10	-10		0.15		39	-20	5	57	2	
LN1800E-3700	1	0.02	2	9		49	-5	-5	-20	8	-10	-10		0.13		39	-20	4	59	2	
LN1800E-3750	2	0.02	4	9		35	-5	-5	-20	6	-10	-10		0.13		36	-20	5	39	3	
LN1800E-3800	3	0.02	4	7		30	-5	-5	-20	5	-10	-10		0.13		33	-20	6	28	7	
LN1800E-3850	2	0.02	4	11		51	-5	-5	-20	7	-10	-10		0.09		29	-20	22	52	4	
LN1800E-3900	3	0.02	2	11		43	-5	-5	-20	9	-10	-10		0.1		33	-20	38	54	2	
LN1800E-3950	2	0.02	5	10		32	-5	-5	-20	7	-10	-10		0.17		47	-20	21	47	11	
LN1800E-4100	2	0.01	2	23		406	-5	-5	-20	9	-10	-10		0.11		28	-20	20	128	3	
LN1800E-4150	2	0.02	5	20		74	-5	-5	-20	11	-10	-10		0.15		39	-20	11	145	4	
LN1800E-4200	-1	0.02	3	18		80	-5	-5	-20	16	-10	-10		0.1		35	-20	8	155	2	
LN1800E-4250	-1	0.01	4	22		110	-5	-5	-20	10	-10	-10		0.09		31	-20	11	144	5	
LN1800E-4300	2	0.01	5	23		58	-5	-5	-20	7	-10	-10		0.13		35	-20	34	118	6	
LN1800E-4350	-1	0.02	2	20		69	-5	-5	-20	35	-10	-10		0.04		27	-20	29	121	-1	
LN1800E-4400	1	0.01	3	18		38	-5	-5	-20	10	-10	-10		0.12		33	-20	12	119	3	
LN1800E-4450	-1	0.01	4	19		38	-5	-5	-20	10	-10	-10		0.08		31	-20	22	112	3	
LN1800E-4500	1	0.02	6	14		39	-5	-5	-20	11	-10	-10		0.16		42	-20	6	110	7	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
LN1800E-4550	-0.2	2.2	-5	81		-5	0.06	0.3	9	19	16	3.46	5		0.28	15	20	0.36	626
LN1800E-4600	-0.2	2.69	-5	55		-5	0.04	-0.2	8	18	16	3.69	5		0.24	16	22	0.37	293
LN1800E-4650	-0.2	2.52	7	62		-5	0.06	-0.2	9	16	18	2.99	4		0.29	19	18	0.37	435
LN1800E-4700	-0.2	2.41	5	64		-5	0.05	-0.2	10	16	21	2.94	4		0.28	26	17	0.4	596
LN1800E-4750	-0.2	2.21	5	63		-5	0.04	-0.2	11	15	19	2.75	4		0.27	25	15	0.37	779
LN1800E-4800	-0.2	2.54	6	60		-5	0.04	-0.2	10	15	20	2.75	5		0.25	25	16	0.37	730
LN1800E-4850	-0.2	2.52	-5	64		-5	0.04	-0.2	12	15	19	2.77	5		0.23	29	16	0.35	672
LN1800E-4900	-0.2	2.33	-5	56		-5	0.04	-0.2	9	14	17	2.78	4		0.25	21	17	0.36	462
LN1800E-4950	-0.2	1.83	6	79		-5	0.07	-0.2	8	14	12	2.91	4		0.31	19	18	0.35	460
LN1800E-5000	-0.2	1.97	7	51		-5	0.03	-0.2	7	15	14	3.3	5		0.24	20	16	0.33	299
LN1800E-5050	-0.2	1.68	-5	48		-5	0.04	-0.2	5	13	8	2.8	6		0.17	13	11	0.24	202
LN1800E-5100	-0.2	2.4	7	72		-5	0.03	-0.2	7	15	13	3.16	5		0.21	15	21	0.29	264
LN1800E-5150	-0.2	1.98	-5	65		-5	0.04	-0.2	6	13	12	2.89	5		0.16	13	15	0.26	205
LN1800E-5200	-0.2	2.5	5	85		-5	0.04	-0.2	9	14	14	2.91	5		0.21	16	19	0.29	502
LN1800E-5250	-0.2	2.44	-5	82		-5	0.05	-0.2	8	15	11	2.98	6		0.17	13	18	0.35	418
LN1800E-5300	-0.2	2.4	5	96		-5	0.05	-0.2	11	14	13	2.82	6		0.18	14	19	0.32	656
LN1800E-5350	-0.2	2.13	6	62		-5	0.04	0.2	7	14	13	2.88	7		0.16	14	17	0.24	448
LN1800E-5400	-0.2	2.43	7	87		-5	0.05	-0.2	10	14	15	2.94	5		0.2	16	18	0.3	473
LN1800E-5450	-0.2	2.57	9	88		-5	0.04	-0.2	9	15	12	3.17	6		0.2	17	20	0.32	337
LN1800E-5500	-0.2	3.23	10	86		-5	0.05	0.2	13	14	18	3.09	6		0.16	14	19	0.3	622
LN1900E-0	-0.2	2.65	7	44		-5	0.05	-0.2	8	18	16	3.29	7		0.17	18	14	0.44	323
LN1900E-50	-0.2	1.66	6	38		-5	0.04	-0.2	5	13	9	3.2	7		0.1	11	7	0.24	110
LN1900E-100	-0.2	1.87	10	52		-5	0.05	-0.2	10	15	21	2.82	5		0.26	35	12	0.45	746
LN1900E-150	-0.2	1.43	5	49		-5	0.06	-0.2	7	14	15	2.39	4		0.25	19	9	0.41	538
LN1900E-200	-0.2	1.64	16	53		-5	0.04	-0.2	8	15	16	3.1	5		0.28	28	8	0.4	468
LN1900E-250	-0.2	2.49	51	78		-5	0.08	-0.2	13	25	25	3.86	6		0.31	53	13	0.51	660
LN1900E-300	-0.2	2.3	37	63		-5	0.04	-0.2	21	18	22	3.56	6		0.31	53	14	0.46	814
LN1900E-400	-0.2	1.32	13	38		-5	0.09	-0.2	6	17	13	2.35	-2		0.22	15	8	0.33	179
LN1900E-450	-0.2	2.4	46	51		-5	0.06	-0.2	12	18	63	3.75	3		0.35	78	13	0.52	412
LN1900E-500	-0.2	3.25	10	36		-5	0.08	0.2	6	12	29	2.47	6		0.11	68	10	0.29	222
LN1900E-550	-0.2	1.69	10	44		-5	0.09	0.2	6	13	17	2.45	5		0.14	39	10	0.31	199
LN1900E-600	-0.2	0.96	6	24		-5	0.06	-0.2	4	9	8	1.5	2		0.11	9	4	0.18	93
LN1900E-650	-0.2	1.2	-5	26		-5	0.07	-0.2	4	16	12	1.83	4		0.12	9	6	0.41	190
LN1900E-700	-0.2	1.32	10	20		-5	0.07	-0.2	5	12	10	3.62	4		0.09	7	5	0.22	111
LN1900E-750	-0.2	1.41	6	56		-5	0.07	0.2	6	12	12	2.98	4		0.16	9	7	0.22	310
LN1900E-900	-0.2	2.35	48	49		-5	0.08	-0.2	14	12	25	2.73	6		0.18	39	10	0.27	734

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LN1800E-4550	1	0.01	3	14		31	-5	-5	-20	7	-10	-10		0.15		37	-20	5	98	3	
LN1800E-4600	-1	0.01	4	13		32	-5	-5	-20	6	-10	-10		0.12		33	-20	5	84	4	
LN1800E-4650	-1	-0.01	4	13		31	-5	-5	-20	7	-10	-10		0.11		28	-20	7	88	4	
LN1800E-4700	-1	0.01	3	16		28	-5	-5	-20	7	-10	-10		0.11		29	-20	10	95	4	
LN1800E-4750	-1	0.01	3	14		31	-5	-5	-20	6	-10	-10		0.11		27	-20	10	88	3	
LN1800E-4800	1	0.01	4	14		29	-5	-5	-20	6	-10	-10		0.11		28	-20	10	88	5	
LN1800E-4850	1	0.01	3	14		34	-5	-5	-20	6	-10	-10		0.11		30	-20	11	102	5	
LN1800E-4900	-1	0.01	4	13		30	-5	-5	-20	6	-10	-10		0.11		28	-20	8	100	4	
LN1800E-4950	-1	-0.01	4	12		35	-5	-5	-20	9	-10	-10		0.11		27	-20	6	96	1	
LN1800E-5000	1	-0.01	4	11		36	-5	-5	-20	5	-10	-10		0.12		30	-20	6	81	3	
LN1800E-5050	-1	-0.01	3	8		23	-5	-5	-20	4	-10	-10		0.1		32	-20	4	47	2	
LN1800E-5100	-1	0.01	4	10		32	-5	-5	-20	5	-10	-10		0.11		29	-20	5	92	5	
LN1800E-5150	-1	0.01	4	9		22	-5	-5	-20	4	-10	-10		0.1		30	-20	4	51	3	
LN1800E-5200	-1	0.01	4	10		26	-5	-5	-20	5	-10	-10		0.1		27	-20	5	101	6	
LN1800E-5250	-1	0.01	3	11		20	-5	-5	-20	6	-10	-10		0.12		32	-20	4	86	7	
LN1800E-5300	-1	0.02	4	14		22	-5	-5	-20	6	-10	-10		0.11		31	-20	5	93	4	
LN1800E-5350	-1	0.01	5	10		27	-5	-5	-20	5	-10	-10		0.11		35	-20	4	68	3	
LN1800E-5400	-1	0.01	4	13		26	-5	-5	-20	7	-10	-10		0.12		33	-20	5	98	6	
LN1800E-5450	-1	0.01	4	13		31	-5	-5	-20	6	-10	-10		0.1		30	-20	6	117	5	
LN1800E-5500	2	0.02	5	14		30	-5	-5	-20	6	-10	-10		0.13		38	-20	6	104	14	
LN1900E-0	1	0.01	4	15		13	-5	-5	-20	8	-10	-10		0.1		40	-20	6	53	7	
LN1900E-50	1	0.01	4	8		14	-5	-5	-20	4	-10	-10		0.15		44	-20	3	24	10	
LN1900E-100	2	0.01	3	15		17	-5	-5	-20	6	-10	-10		0.07		31	-20	14	60	2	
LN1900E-150	1	-0.01	3	11		12	-5	-5	-20	4	-10	-10		0.1		27	-20	7	44	1	
LN1900E-200	-1	-0.01	3	14		10	-5	-5	-20	5	-10	-10		0.1		29	-20	12	46	1	
LN1900E-250	2	0.01	4	23		15	-5	-5	-20	7	-10	-10		0.13		38	-20	23	70	3	
LN1900E-300	2	0.01	4	19		12	-5	-5	-20	6	-10	-10		0.1		34	-20	23	76	2	
LN1900E-400	1	0.01	3	14		10	-5	-5	-20	4	-10	-10		0.1		26	-20	7	32	1	
LN1900E-450	1	-0.01	5	19		9	-5	-5	-20	5	-10	-10		0.13		28	-20	22	48	-1	
LN1900E-500	3	0.02	4	11		15	-5	-5	-20	9	-10	-10		0.08		31	-20	38	30	8	
LN1900E-550	2	0.01	3	10		18	-5	-5	-20	7	-10	-10		0.1		28	-20	18	32	4	
LN1900E-600	-1	0.01	3	7		10	-5	-5	-20	4	-10	-10		0.11		25	-20	3	17	2	
LN1900E-650	2	0.01	3	6		10	-5	-5	-20	5	-10	-10		0.13		34	-20	5	21	2	
LN1900E-700	1	0.01	4	7		9	-5	-5	-20	3	-10	-10		0.12		31	-20	4	20	6	
LN1900E-750	1	0.01	4	8		15	-5	-5	-20	5	-10	-10		0.14		40	-20	3	31	4	
LN1900E-900	2	0.02	4	12		18	-5	-5	-20	7	-10	-10		0.1		31	-20	24	37	7	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
LN1900E-950	-0.2	1.9	55	67		-5	0.08	-0.2	10	16	23	2.95	4		0.27	28	16	0.46	640
LN1900E-1050	-0.2	2.09	36	53		-5	0.15	-0.2	14	14	65	2.58	2		0.25	34	23	0.51	335
LN1900E-1100	-0.2	1.75	35	39		-5	0.07	0.5	5	12	23	2.8	8		0.15	14	8	0.26	204
LN1900E-1150	-0.2	1.99	34	37		-5	0.13	0.2	6	12	34	2.37	6		0.17	26	11	0.33	176
LN1900E-1200	-0.2	1.44	381	38		-5	0.24	-0.2	14	12	37	2.2	4		0.18	10	10	0.37	480
LN1900E-1250	-0.2	1.88	641	32		-5	0.11	-0.2	21	10	44	2.5	7		0.1	10	9	0.24	514
LN1900E-1300	-0.2	2.02	274	29		-5	0.06	-0.2	8	10	41	2.95	8		0.06	9	10	0.18	101
LN1900E-1350	-0.2	2.12	296	39		-5	0.13	-0.2	9	12	75	3.27	5		0.11	10	12	0.33	201
LN1900E-1400	0.5	1.16	224	35		21	0.17	-0.2	5	9	42	3.15	6		0.08	8	3	0.17	82
LN1900E-1450	-0.2	1.29	113	22		-5	0.11	-0.2	6	11	25	3.19	4		0.08	7	6	0.25	107
LN1900E-1500	0.2	2.73	245	48		-5	0.16	-0.2	12	15	91	3.09	5		0.19	10	18	0.48	326
LN1900E-1550	-0.2	1.67	345	53		-5	0.21	-0.2	12	14	52	3.38	5		0.18	9	13	0.47	498
LN1900E-1600	-0.2	1.92	471	62		-5	0.19	-0.2	15	15	60	3.02	4		0.23	12	22	0.54	615
LN1900E-1650	-0.2	2.54	728	72		-5	0.23	-0.2	46	18	109	4.1	8		0.23	9	23	0.68	1656
LN1900E-1700	-0.2	1.9	254	49		-5	0.11	-0.2	22	14	55	2.76	5		0.14	11	13	0.37	1089
LN1900E-1750	-0.2	1.59	343	38		-5	0.11	-0.2	9	16	26	2.73	4		0.15	11	13	0.37	310
LN1900E-1800	-0.2	1.29	247	37		-5	0.09	-0.2	8	12	22	2.37	4		0.16	11	7	0.27	262
LN1900E-1850	-0.2	1.5	171	41		-5	0.11	-0.2	8	13	23	2.5	4		0.22	10	8	0.32	328
LN1900E-1900	-0.2	1.75	32	46		-5	0.06	-0.2	9	15	17	2.97	6		0.21	13	11	0.34	751
LN1900E-1950	-0.2	1.75	29	55		-5	0.09	0.4	12	12	28	2.9	6		0.19	18	10	0.28	1328
LN1900E-2000	-0.2	1.68	22	34		-5	0.06	-0.2	5	12	16	2.31	4		0.16	11	9	0.26	155
LN1900E-2050	-0.2	1.63	32	38		-5	0.07	0.2	7	16	18	3.66	7		0.16	11	10	0.28	334
LN1900E-2150	-0.2	1.92	13	46		-5	0.07	-0.2	6	15	18	2.4	4		0.21	18	11	0.38	194
LN1900E-2200	-0.2	1.08	-5	54		-5	0.06	0.2	6	13	10	1.93	3		0.24	10	6	0.29	663
LN1900E-2250	-0.2	2.83	49	67		-5	0.19	-0.2	13	20	34	2.61	7		0.27	26	15	0.41	1478
LN1900E-2300	-0.2	2.9	7	30		-5	0.05	0.2	6	10	16	2.86	8		0.07	20	8	0.17	121
LN1900E-2350	-0.2	2.63	9	21		-5	0.04	0.4	5	9	15	3.17	10		0.06	11	4	0.11	117
LN1900E-2400	-0.2	2.25	8	39		-5	0.06	-0.2	5	13	12	2.81	6		0.11	10	9	0.23	182
LN1900E-2450	0.3	1.37	8	33		-5	0.05	-0.2	7	10	14	1.8	6		0.08	11	5	0.14	308
LN1900E-2500	-0.2	1.59	17	40		-5	0.11	0.2	7	16	12	3.16	4		0.19	9	12	0.32	209
LN1900E-2550	-0.2	1.32	33	49		-5	0.05	-0.2	7	11	20	3.24	5		0.15	13	6	0.22	581
LN1900E-2600	-0.2	2.16	28	39		-5	0.09	-0.2	9	14	43	3	4		0.17	27	17	0.37	238
LN1900E-2650	-0.2	1.81	14	62		-5	0.09	-0.2	10	12	19	2.8	6		0.16	17	14	0.29	325
LN1900E-2700	-0.2	1.9	10	50		-5	0.1	0.2	9	14	27	3.16	6		0.14	18	16	0.3	204
LN1900E-2750	-0.2	0.98	7	29		-5	0.1	-0.2	5	10	11	2.06	4		0.12	7	5	0.18	138
LN1900E-2800	-0.2	3.52	9	48		-5	0.08	-0.2	6	15	13	3.25	6		0.12	7	16	0.26	236

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LN1900E-950	1	0.01	4	16		13	-5	-5	-20	6	-10	-10		0.1		26	-20	9	51	2	
LN1900E-1050	1	0.02	3	24		12	-5	-5	-20	6	-10	-10		0.11		35	-20	19	50	2	
LN1900E-1100	2	0.02	3	9		14	-5	-5	-20	5	-10	-10		0.1		39	-20	6	19	6	
LN1900E-1150	4	0.02	3	11		18	-5	-5	-20	7	-10	-10		0.08		43	-20	16	33	4	
LN1900E-1200	1	0.02	2	12		22	-5	-5	-20	7	-10	-10		0.07		39	106	6	46	-1	
LN1900E-1250	2	0.02	2	9		18	-5	-5	-20	6	-10	-10		0.09		33	68	6	32	5	
LN1900E-1300	2	0.02	4	9		16	-5	-5	-20	5	-10	-10		0.19		46	87	5	27	16	
LN1900E-1350	1	0.01	4	15		13	-5	-5	-20	6	-10	-10		0.11		47	68	4	48	5	
LN1900E-1400	1	0.02	3	7		16	-5	-5	-20	8	-10	-10		0.15		84	170	2	24	4	
LN1900E-1450	1	0.01	4	9		12	-5	-5	-20	4	-10	-10		0.12		42	24	3	25	4	
LN1900E-1500	1	0.02	3	23		30	-5	-5	-20	7	-10	-10		0.11		52	119	5	62	5	
LN1900E-1550	1	0.02	3	18		23	-5	-5	-20	10	-10	-10		0.11		53	139	4	76	2	
LN1900E-1600	-1	0.02	2	18		29	-5	-5	-20	7	-10	-10		0.07		46	243	5	71	1	
LN1900E-1650	-1	0.02	2	25		36	-5	-5	-20	11	-10	-10		0.05		60	521	6	104	-1	
LN1900E-1700	1	0.01	2	14		20	-5	-5	-20	7	-10	-10		0.08		41	133	5	56	1	
LN1900E-1750	1	0.01	3	14		19	-5	-5	-20	6	-10	-10		0.1		38	92	4	51	2	
LN1900E-1800	2	0.01	3	10		18	-5	-5	-20	5	-10	-10		0.11		35	26	4	38	1	
LN1900E-1850	1	0.01	4	12		26	-5	-5	-20	5	-10	-10		0.1		38	-20	5	43	1	
LN1900E-1900	1	0.01	3	12		22	-5	-5	-20	5	-10	-10		0.12		37	-20	5	50	3	
LN1900E-1950	2	0.02	3	11		20	-5	-5	-20	7	-10	-10		0.11		35	-20	9	61	5	
LN1900E-2000	2	0.01	4	9		19	-5	-5	-20	5	-10	-10		0.12		39	-20	5	30	6	
LN1900E-2050	2	0.01	3	13		20	-5	-5	-20	7	-10	-10		0.15		45	-20	5	42	6	
LN1900E-2150	2	0.01	3	12		18	-5	-5	-20	5	-10	-10		0.11		31	-20	8	40	5	
LN1900E-2200	2	0.01	2	10		18	-5	-5	-20	5	-10	-10		0.1		25	-20	4	33	-1	
LN1900E-2250	2	0.02	3	16		78	-5	-5	-20	14	-10	-10		0.09		41	-20	16	64	5	
LN1900E-2300	2	0.02	6	8		26	-5	-5	-20	5	-10	-10		0.15		34	-20	12	25	28	
LN1900E-2350	2	0.02	5	7		27	-5	-5	-20	4	-10	-10		0.15		32	-20	5	16	20	
LN1900E-2400	2	0.02	4	9		33	-5	-5	-20	6	-10	-10		0.13		36	-20	4	33	16	
LN1900E-2450	2	0.02	3	9		93	-5	-5	-20	5	-10	-10		0.15		33	-20	6	22	7	
LN1900E-2500	1	0.01	5	12		65	-5	-5	-20	8	-10	-10		0.14		33	-20	4	46	8	
LN1900E-2550	2	0.01	4	10		135	-5	-5	-20	7	-10	-10		0.16		45	-20	3	43	3	
LN1900E-2600	2	0.01	4	21		245	-5	-5	-20	8	-10	-10		0.11		30	-20	14	72	5	
LN1900E-2650	2	0.01	4	15		104	-5	-5	-20	12	-10	-10		0.15		39	-20	8	58	3	
LN1900E-2700	2	0.02	5	17		96	-5	-5	-20	11	-10	-10		0.16		40	-20	12	46	7	
LN1900E-2750	1	0.02	4	8		85	-5	-5	-20	7	-10	-10		0.18		42	-20	3	25	4	
LN1900E-2800	1	0.02	6	9		40	-5	-5	-20	7	-10	-10		0.14		34	-20	4	53	26	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Li	Mg_%	Mn_ppm
LN1900E-2850	-0.2	2.28	7	39		-5	0.05	-0.2	7	16	11	4.35	8		0.16	9	13	0.32	208
LN1900E-2900	-0.2	2.4	-5	59		-5	0.07	-0.2	8	15	14	2.69	3		0.25	12	17	0.44	247
LN1900E-2950	-0.2	2.1	9	51		-5	0.07	0.2	12	15	19	2.62	4		0.27	25	17	0.42	883
LN1900E-3000	-0.2	1.96	35	50		-5	0.06	0.3	31	13	51	3.12	7		0.13	28	9	0.28	1020
LN1900E-3050	-0.2	2.19	197	59		-5	0.09	-0.2	63	16	63	3.94	6		0.23	40	23	0.43	2247
LN1900E-3100	-0.2	1.89	27	75		-5	0.11	-0.2	12	16	27	2.94	4		0.24	18	19	0.4	626
LN1900E-3150	-0.2	2	60	56		-5	0.07	-0.2	10	15	29	3.07	4		0.25	19	22	0.4	403
LN1900E-3200	-0.2	2.05	110	70		-5	0.09	0.3	22	15	33	3.41	4		0.28	45	25	0.44	1040
LN1900E-3250	-0.2	2.08	41	87		-5	0.1	-0.2	19	16	32	3.44	5		0.27	29	22	0.41	1411
LN1900E-3300	-0.2	2.18	31	68		-5	0.09	-0.2	38	14	33	2.88	4		0.24	44	23	0.4	1415
LN1900E-3350	-0.2	2.45	27	60		-5	0.06	-0.2	10	16	29	3.36	4		0.26	24	22	0.43	445
LN1900E-3400	-0.2	2.43	19	67		-5	0.1	0.2	10	15	22	2.84	4		0.22	17	19	0.39	973
LN1900E-3450	-0.2	1.96	42	50		-5	0.07	-0.2	9	14	35	3	3		0.23	22	20	0.38	449
LN1900E-3500	-0.2	2.03	36	60		-5	0.08	-0.2	16	14	37	3.25	4		0.23	24	19	0.4	1225
LN1900E-3550	0.5	2.62	79	79		-5	0.09	-0.2	20	15	56	3.78	5		0.29	32	29	0.57	1087
LN1900E-3600	-0.2	2.42	245	80		-5	0.1	-0.2	38	15	128	5.71	7		0.24	36	36	0.55	1967
LN1900E-3650	0.4	2.17	461	64		11	0.08	-0.2	16	16	134	4.89	5		0.25	26	20	0.45	1108
LN1900E-3800	-0.2	2.87	17	47		-5	0.07	-0.2	7	12	16	2.37	5		0.14	12	12	0.31	273
LN1900E-3850	-0.2	1.41	21	30		-5	0.04	0.5	7	10	17	2.73	7		0.09	10	5	0.18	134
LN1900E-3900	-0.2	2.99	17	30		-5	0.06	0.4	8	15	33	3.42	9		0.11	24	9	0.31	219
LN1900E-3950	-0.2	3.15	55	45		-5	0.11	1	17	14	37	2.37	6		0.17	50	10	0.3	1119
LN1900E-4050	-0.2	3.09	32	70		-5	0.08	-0.2	9	13	28	2.69	8		0.14	17	14	0.32	1384
LN1900E-4100	-0.2	2.74	53	50		-5	0.06	-0.2	8	17	41	4.09	7		0.19	25	16	0.37	273
LN1900E-4150	-0.2	2.66	19	39		-5	0.07	-0.2	8	15	28	3.33	5		0.17	20	14	0.36	249
LN1900E-4200	-0.2	3.25	23	45		-5	0.12	-0.2	7	16	24	3.82	5		0.18	16	21	0.41	350
LN1900E-4250	-0.2	1.95	10	40		-5	0.04	-0.2	6	15	11	3.85	8		0.15	10	10	0.3	223
LN1900E-4300	-0.2	3.95	7	41		-5	0.05	-0.2	5	13	14	3.01	7		0.11	8	11	0.23	214
LN1900E-4350	-0.2	2.22	11	45		-5	0.04	-0.2	6	18	11	4.33	9		0.15	9	15	0.31	273
LN1900E-4400	-0.2	2.99	46	80		-5	0.11	0.4	15	21	22	3.22	7		0.25	50	27	0.44	781
LN1900E-4450	0.4	2.58	32	53		-5	0.08	0.3	12	17	13	2.92	6		0.22	39	23	0.41	404
LN1900E-4500	-0.2	2.59	15	45		-5	0.04	-0.2	6	17	13	3.82	7		0.17	12	17	0.35	246
LN1900E-4550	-0.2	3.41	12	61		-5	0.04	-0.2	7	17	16	3.14	7		0.15	12	18	0.35	300
LN1900E-4600	-0.2	3.42	13	59		-5	0.05	-0.2	8	16	17	3.11	6		0.21	12	23	0.38	469
LN1900E-4650	-0.2	3.52	13	61		-5	0.06	-0.2	7	17	19	3.01	6		0.21	12	21	0.35	255
LN1900E-4700	-0.2	2.19	13	51		-5	0.05	-0.2	7	16	12	3.72	7		0.19	11	16	0.35	315
LN1900E-4750	-0.2	2.49	14	50		-5	0.09	-0.2	8	18	16	2.91	5		0.21	17	20	0.43	274

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Tl_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LN1900E-2850	1	0.01	6	10		27	-5	-5	-20	5	-10	-10		0.17		49	-20	4	48	19	
LN1900E-2900	1	0.01	4	13		16	-5	-5	-20	5	-10	-10		0.13		30	-20	5	62	9	
LN1900E-2950	1	-0.01	3	16		44	-5	-5	-20	6	-10	-10		0.09		28	-20	14	72	2	
LN1900E-3000	2	0.01	2	17		321	-5	-5	-20	7	-10	-10		0.04		29	-20	16	39	-1	
LN1900E-3050	2	0.01	2	29		1321	-5	-5	-20	10	-10	-10		0.07		31	-20	23	123	-1	
LN1900E-3100	2	0.01	4	20		138	-5	-5	-20	10	-10	-10		0.12		30	-20	7	94	3	
LN1900E-3150	1	0.01	3	19		291	-5	-5	-20	6	-10	-10		0.11		30	-20	8	68	3	
LN1900E-3200	1	0.01	3	17		1081	-5	-5	-20	11	-10	-10		0.1		27	-20	30	86	-1	
LN1900E-3250	1	0.01	3	21		218	-5	-5	-20	10	-10	-10		0.09		30	-20	11	111	1	
LN1900E-3300	2	0.01	4	20		116	-5	-5	-20	10	-10	-10		0.09		26	-20	23	82	1	
LN1900E-3350	2	-0.01	3	19		68	-5	-5	-20	6	-10	-10		0.14		33	-20	10	76	6	
LN1900E-3400	2	0.01	3	16		30	-5	-5	-20	9	-10	-10		0.13		32	-20	7	82	6	
LN1900E-3450	1	-0.01	3	17		181	-5	-5	-20	5	-10	-10		0.1		27	-20	9	60	3	
LN1900E-3500	1	-0.01	2	18		481	-5	-5	-20	8	-10	-10		0.11		31	-20	13	83	2	
LN1900E-3550	2	0.01	4	24		477	-5	-5	-20	8	-10	-10		0.1		30	-20	18	98	3	
LN1900E-3600	2	-0.01	2	30		442	-5	-5	-20	8	-10	-10		0.06		28	-20	27	116	-1	
LN1900E-3650	2	0.01	3	21		301	-5	-5	-20	7	-10	-10		0.11		32	-20	15	88	2	
LN1900E-3800	2	0.02	3	10		19	-5	-5	-20	6	-10	-10		0.12		33	-20	7	41	11	
LN1900E-3850	2	0.02	4	9		71	-5	-5	-20	5	-10	-10		0.2		47	-20	4	30	10	
LN1900E-3900	2	0.02	5	12		59	-5	-5	-20	6	-10	-10		0.17		46	-20	16	37	27	
LN1900E-3950	3	0.02	2	15		50	-5	-5	-20	10	-10	-10		0.07		30	-20	33	63	3	
LN1900E-4050	1	0.02	3	15		32	-5	-5	-20	8	-10	-10		0.08		37	-20	9	88	4	
LN1900E-4100	2	0.01	4	17		115	-5	-5	-20	7	-10	-10		0.13		38	-20	11	105	9	
LN1900E-4150	2	0.01	4	14		27	-5	-5	-20	5	-10	-10		0.12		41	-20	8	65	7	
LN1900E-4200	2	0.01	6	16		26	-5	-5	-20	8	-10	-10		0.11		35	-20	7	84	12	
LN1900E-4250	2	0.01	5	10		21	-5	-5	-20	5	-10	-10		0.17		54	-20	3	52	9	
LN1900E-4300	2	0.02	5	8		15	-5	-5	-20	5	-10	-10		0.14		38	-20	4	46	25	
LN1900E-4350	2	0.01	4	12		19	-5	-5	-20	5	-10	-10		0.15		49	-20	3	68	10	
LN1900E-4400	1	0.01	4	16		27	-5	-5	-20	14	-10	-10		0.13		36	-20	108	92	2	
LN1900E-4450	1	0.02	3	15		18	-5	-5	-20	10	-10	-10		0.14		36	-20	60	89	6	
LN1900E-4500	2	0.01	4	13		17	-5	-5	-20	4	-10	-10		0.13		43	-20	4	68	9	
LN1900E-4550	1	0.01	4	13		16	-5	-5	-20	5	-10	-10		0.12		39	-20	6	77	14	
LN1900E-4600	1	0.01	4	14		17	-5	-5	-20	5	-10	-10		0.11		35	-20	6	91	8	
LN1900E-4650	2	0.01	5	14		17	-5	-5	-20	5	-10	-10		0.13		39	-20	6	78	11	
LN1900E-4700	2	0.01	4	12		21	-5	-5	-20	5	-10	-10		0.13		43	-20	5	74	4	
LN1900E-4750	1	0.01	6	16		19	-5	-5	-20	7	-10	-10		0.13		36	-20	8	72	5	

Sample	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe_%	Ga_ppm	Hg_ppm	K_%	La_ppm	Ll	Mg_%	Mn_ppm
LN1900E-4800	-0.2	1.73	12	55		-5	0.07	-0.2	7	14	12	2.53	4		0.2	14	13	0.35	433
LN1900E-4850	-0.2	2.25	17	60		-5	0.11	-0.2	16	15	21	2.71	5		0.23	20	20	0.44	805
LN1900E-4900	-0.2	2.22	25	71		-5	0.07	0.7	11	17	21	3.01	5		0.25	19	20	0.43	785
LN1900E-4950	-0.2	2.17	14	51		-5	0.08	-0.2	9	16	22	2.78	4		0.22	16	16	0.41	422
LN1900E-5000	-0.2	2.32	13	58		-5	0.14	-0.2	11	15	22	2.72	6		0.23	18	15	0.4	708
LN1900E-5050	-0.2	1.76	14	52		-5	0.11	-0.2	9	15	16	2.85	5		0.23	13	14	0.38	357
LN1900E-5100	-0.2	1.72	9	57		-5	0.1	-0.2	10	14	17	2.49	3		0.25	27	13	0.41	653
LN1900E-5150	-0.2	1.66	7	38		-5	0.06	-0.2	7	14	13	2.83	5		0.2	13	11	0.33	206
LN1900E-5200	-0.2	1.98	31	68		-5	0.1	0.2	17	13	26	2.92	5		0.25	26	14	0.4	1781
LN1900E-5250	-0.2	1.62	13	42		-5	0.12	-0.2	8	13	16	2.83	4		0.24	12	13	0.34	330
LN1900E-5300	-0.2	1.4	12	74		-5	0.11	-0.2	7	13	14	2.68	4		0.27	12	10	0.35	1003
LN1900E-5350	-0.2	2.64	83	78		-5	0.28	0.3	24	15	31	3.35	7		0.23	26	22	0.46	1221
LN1900E-5400	-0.2	1.61	58	39		-5	0.1	-0.2	7	14	19	3.25	5		0.22	11	10	0.35	234
LN1900E-5450	-0.2	2.04	74	77		-5	0.15	-0.2	9	16	17	3.24	5		0.24	15	18	0.42	320
LN1900E-5500	-0.2	1.87	35	54		-5	0.14	0.3	9	16	21	2.66	2		0.28	27	15	0.49	364

Sample	Mo_ppm	Na_%	Nb	Ni_ppm	P_ppm	Pb_ppm	Sb_ppm	Sc_ppm	Sn	Sr_ppm	Ta	Te	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y	Zn_ppm	Zr	CERTIF
LN1900E-4800	1	-0.01	4	13		21	-5	-5	-20	5	-10	-10		0.1		31	-20	6	53	2	
LN1900E-4850	1	0.01	3	19		26	-5	-5	-20	9	-10	-10		0.11		31	-20	13	84	2	
LN1900E-4900	2	0.01	4	18		31	-5	-5	-20	7	-10	-10		0.11		32	-20	8	86	2	
LN1900E-4950	1	0.01	4	15		27	-5	-5	-20	6	-10	-10		0.11		34	-20	7	82	4	
LN1900E-5000	2	0.02	4	16		27	-5	-5	-20	9	-10	-10		0.12		34	-20	8	104	6	
LN1900E-5050	1	0.01	3	14		21	-5	-5	-20	10	-10	-10		0.12		37	-20	6	72	2	
LN1900E-5100	-1	0.01	3	14		18	-5	-5	-20	7	-10	-10		0.11		30	-20	17	63	-1	
LN1900E-5150	1	0.01	3	12		16	-5	-5	-20	4	-10	-10		0.12		35	-20	5	53	4	
LN1900E-5200	1	0.01	3	15		74	-5	-5	-20	8	-10	-10		0.09		30	-20	16	98	3	
LN1900E-5250	1	0.01	4	13		27	-5	-5	-20	9	-10	-10		0.13		32	-20	5	61	3	
LN1900E-5300	1	-0.01	3	12		28	-5	-5	-20	7	-10	-10		0.12		30	-20	5	69	1	
LN1900E-5350	2	0.02	3	17		36	-5	-5	-20	10	-10	-10		0.13		45	-20	16	108	4	
LN1900E-5400	1	0.01	4	12		25	-5	-5	-20	7	-10	-10		0.15		37	-20	4	61	4	
LN1900E-5450	1	0.01	4	15		22	-5	-5	-20	8	-10	-10		0.16		40	-20	9	70	3	
LN1900E-5500	1	0.01	4	16		23	-5	-5	-20	8	-10	-10		0.11		25	-20	20	52	1	

Appendix V

Stream Sediment Sample Descriptions

IRISHMAN CREEK PROJECT
Stream Sediment Sample Descriptions

Appendix V

SAMPLE	DATE	SAMPLR	CLAIM_NAM	UTM_EAST	UTM_NRTH	WET_DRY	STRM_ORD	CATCH_AREA	SOURCE	CHAN_DPTH
VR 85061 A	9/30/97	TP, KJ	LMC 11	569868	5456959	WET	1	1.00	GW	0.05
VR 85062 A	9/30/97	TP, KJ	LMC 11	569782	5456983	WET	2	20.00	GW	0.50
VR 85063 A	9/30/97	TP, KJ	LMC 10	569886	5456401	WET	1	1.00	GW	0.20
VR 85064 A	9/30/97	TP, KJ	LMC 10	570014	5456210	WET	3	10.00	GW	0.30

SAMPLE	CHAN_WDTH	DISCHARG	GRADIENT	CHAN_TYPE	VELOCITY	BANK_MATL	H2O_CLAR	H2O_COL	TRAP_TYP	TRAP_QUA
VR 85061 A	0.35	MOD	MOD	CON	1.00	TL, RX, OR	CL	CL	BT	M
VR 85062 A	3.00	MOD	MOD	CON	2.00	TL, RX	CL	CL	BH	M
VR 85063 A	1.00	MOD	MOD	CON	0.50	TA	CL	CL	PP	M
VR 85064 A	3.00	MOD	MOD	CON	0.50	TA, RX	CL	CL	BT	M

SAMPLE	SMPL_COL	STRM_POS	SIEV_SZ	SORTING	MAX_PART	%CLAY	%SILT	%SAND	%GRAV	%ORG	FLT_TYP1	%_TYP1
VR 85061 A	BN	SI	2MM	M	0.45	15	25	55		5	GAB	80
VR 85062 A	BN	SI	2MM	M	2.00	5	15	80			GAB	90
VR 85063 A	BN	MI	2MM	P	1.00	10	15	65		5	SLT	65
VR 85064 A	BN	SI	2MM	M	2.00	10	10	80			GAB	70

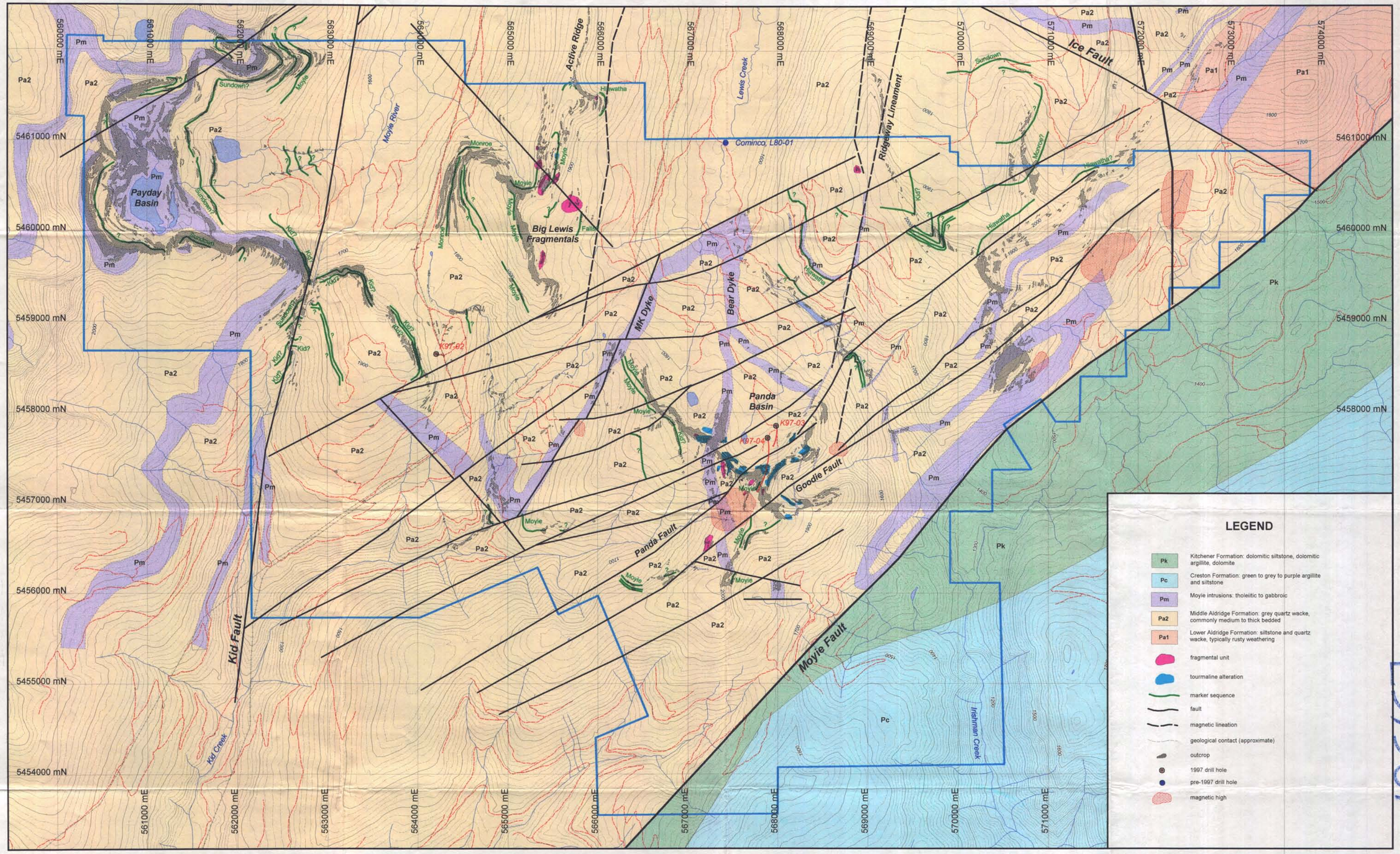
SAMPLE	FLT_TYP2	%_TYP2	FLT_TYP3	%_TYP3	BDR_TYP1
VR 85061 A	QTE	15	OTH	5	GAB
VR 85062 A	DIO	5	QTE	5	GAB
VR 85063 A	GAB	32	QTZ	3	SLT
VR 85064 A	SLT	30			SLT

Appendix VI

Stream Sediment Sample Results

SAMPLE	AG_PPM	AL_PER	AS_PPM	AU_PPB	BA_PPM	BE_PPM	BI_PPM	CA_PER	CD_PPM	CO_PPM	CR_PPM	CU_PPM	FE_PER	GA_PPM	HG_PPM	K_PER	LA_PPM
VR85061A	-0.2	1.93	6	-5	150	1	-2	0.85	-0.5	9	20	50	2.07	-10	-1	0.17	60
VR85062A	-0.2	1.42	6	-5	60	0.5	-2	0.17	-0.5	8	14	19	1.94	-10	-1	0.2	30
VR85063A	-0.2	0.99	20	-5	130	0.5	-2	0.97	0.5	6	17	36	1.69	-10	-1	0.08	30
VR85064A	-0.2	1.12	4	-5	90	0.5	-2	0.27	-0.5	6	13	16	1.57	-10	-1	0.15	20

SAMPLE	MG_PER	MN_PPM	MO_PPM	NA_PER	NI_PPM	P_PPM	PB_PPM	SB_PPM	SC_PPM	SR_PPM	TI_PER	TL_PPM	U_PPM	V_PPM	W_PPM	ZN_PPM	CERTIF
VR85061A	0.45	575	-1	-0.01	16	630	24	-2	6	21	0.07	-10	-10	28	-10	78	A9746115
VR85062A	0.33	365	-1	-0.01	12	240	16	-2	2	10	0.09	-10	-10	20	-10	64	A9746115
VR85063A	0.42	955	-1	-0.01	14	720	34	-2	1	24	0.01	-10	-10	13	-10	66	A9746115
VR85064A	0.34	210	-1	-0.01	10	260	14	2	2	6	0.06	-10	-10	16	-10	64	A9746115



N

LEGEND

- Pk — Kitchener Formation: dolomitic siltstone, dolomitic argillite, dolomite
- Pc — Creston Formation: green to grey to purple argillite and siltstone
- Pm — Moyie intrusions: tholeiitic to gabbroic
- Pa2 — Middle Aldridge Formation: grey quartz wacke, commonly medium to thick bedded
- Pa1 — Lower Aldridge Formation: siltstone and quartz wacke, typically rusty weathering
- fragmental unit
- tourmaline alteration
- marker sequence
- fault
- magnetic lineation
- geological contact (approximate)
- outcrop
- 1997 drill hole
- pre-1997 drill hole
- magnetic high

KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

IRISHMAN CREEK PROJECT

GEOLOGICAL COMPILATION

British Columbia, Canada

Author: SC
Date: 14 May 1998
NTS: 82F, G
Drawn by: SC
File: Irishman 1997 assmnt rpt fig 4-geol.wor

Projection: NAD83 UTM11 | Scale: 1:20,000 | **Figure 4**

0 0.5 1.0 2.0
kilometres

562000 mE
562500 mE
563000 mE
563500 mE
564000 mE
564500 mE
565000 mE
565500 mE
566000 mE
567000 mE
567500 mE
568000 mE
568500 mE
5460500 mN
5460000 mN
5459500 mN
5459000 mN
5458500 mN
5458000 mN
5457500 mN
5457000 mN
5456500 mN

LEGEND

- Pm — Moyie intrusions: tholeiitic to gabbroic
- Pa2 — Middle Aldridge Formation: grey quartz wacke, commonly medium to thick bedded
- F — fragmental unit
- tourmaline alteration
- marker sequence
- fault
- geological contact (approximate)
- outcrop
- 1997 drill hole

N

Powerline

banded qtz wacke

float concordant fragmental, albitic

ripple marks indicate 090 current direction

DDH K97-02

qtz wacke

biotite porphyroblasts, pink garnets, quartzitic clastic dykes

qtz wacke, coarse biotite

biotite rich clastic dykes

v. fine grained micaceous wacke

qtz wacke

laminite (marker?)

chlor, silic, qtz wacke

gabbro

fg gabbro

Kid Creek

MK Dyke

Bear Dyke

Panda Basin

DDH K97-03

DDH K97-04

Panda Fault

Goodie Fault

Irishman Creek

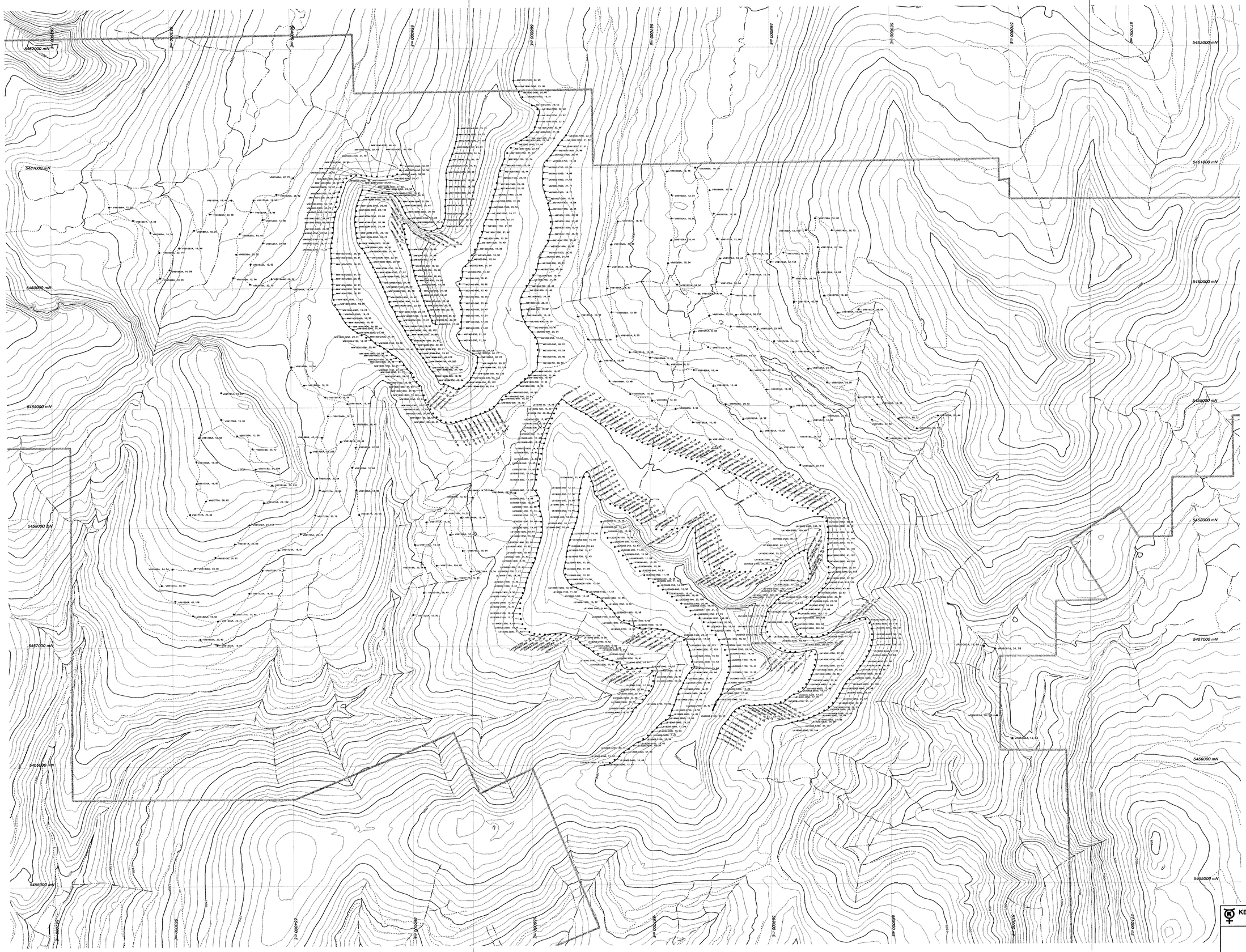
GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

25,587

KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

IRISHMAN CREEK PROJECT	Author: SC
	Date: 26 May 1998
GEOLOGICAL MAPPING	NTS: 82F, G
	Drawn by: SC
British Columbia, Canada	File: Irishman 1997 assmnt rpt fig 5-97geol.wor
Projection: NAD83 UTM11	Scale: 1:10,000
	Figure 5

0 0.25 0.5 1.0
kilometres



KENNECOTT CANADA EXPLORATION INC.
VANCOUVER

Irishman Creek

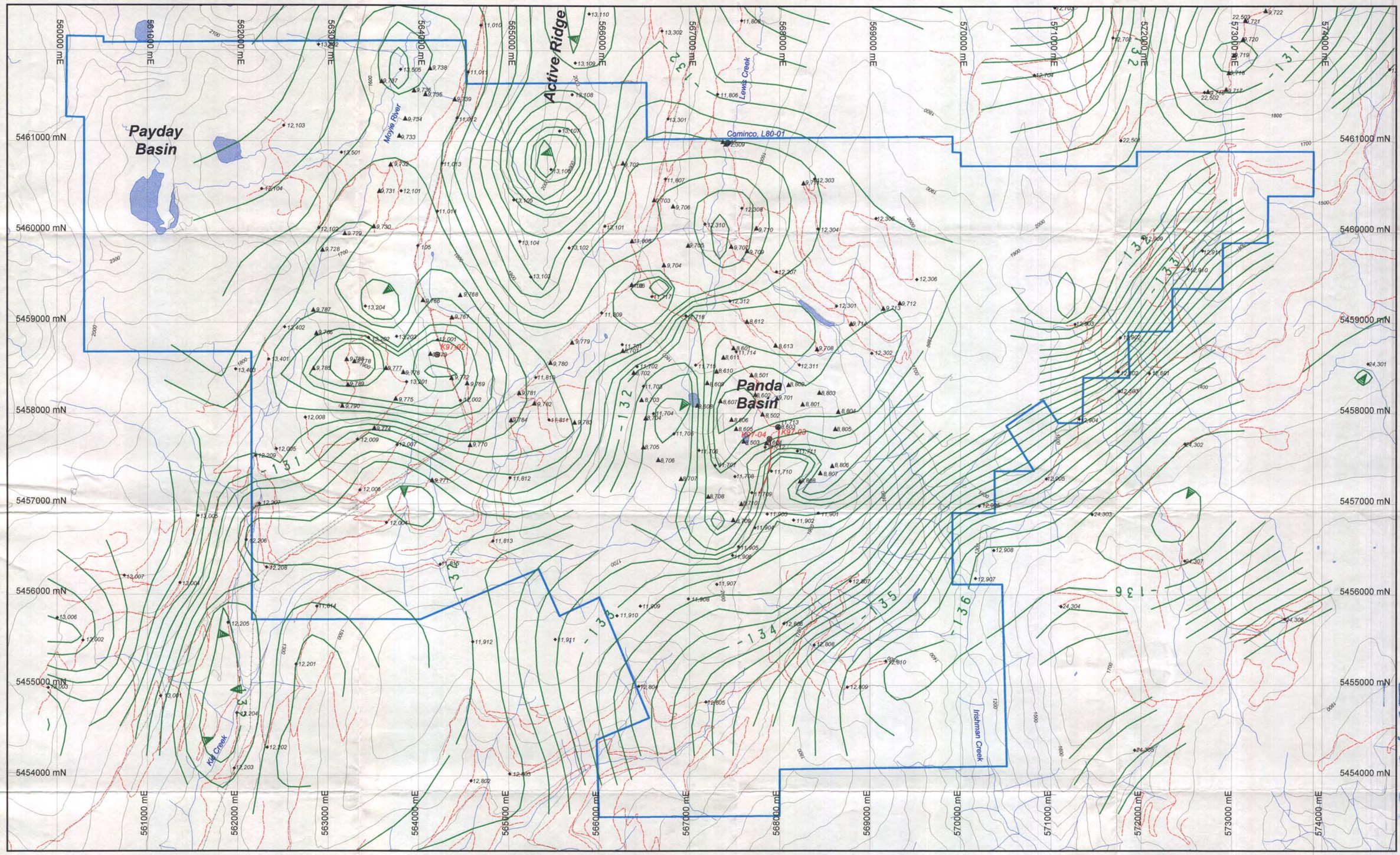
Geochemistry

British Columbia, Canada

Author: SC
Date: 28 May 1998
NTS: 82F, K
Drawn by: HO
File: Irishman_soil_geochem_10k_May98.wor
Projection: NAD83, UTM11
Figure: 6

Scale: 1:10,000

0 0.25 0.5 1.0
kilometres



◆ 1996 Gravity Station

▲ 1997 Gravity Station

gravity contour interval: 0.2 mgal

KENNECOTT CANADA EXPLORATION INC. VANCOUVER	
IRISHMAN CREEK PROJECT CBA GRAVITY COMPILATION British Columbia, Canada	Author: SC Date: 20 May 1998 NTS: 82F, G Drawn by: SC File: Irishman 1997 assmnt rpt fig 7-grav.wor
Projection: NAD83 UTM11 Scale: 1:20,000	Figure 7

0 0.5 1.0 2.0
kilometres