REPORT

ON THE

DIAMOND DRILLING AND SOIL GEOCHEMISTRY

ON THE

NORTH 40 AND NORTH 42 CLAIMS

BLAZED CREEK AREA

NELSON MINING DIVISION
BRITISH COLUMBIA

NTS: 82F/2W
LATITUDE: 49° 10' North
LONGITUDE: 116° 56' West

FOR
BLUEBIRD RESOURCES LTD.

By:
B.E.K. Augsten
February, 1998

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1.0 INTRODUCTION

This report details the result of a diamond drilling and soil geochemistry program on the North Forty Property (the property), located northwest of Creston, British Columbia. The program was carried out by Bluebird Minerals Ltd. in the summer of 1997.

A total of 1131.70 metres of NQ core were drilled in six holes. In addition, 28.4 kilometres of grid was established and 1172 B-horizon samples were collected and analyzed for gold and 28 other elements.

2.0 LOCATION, ACCESS AND PHYSIOGRAPHY

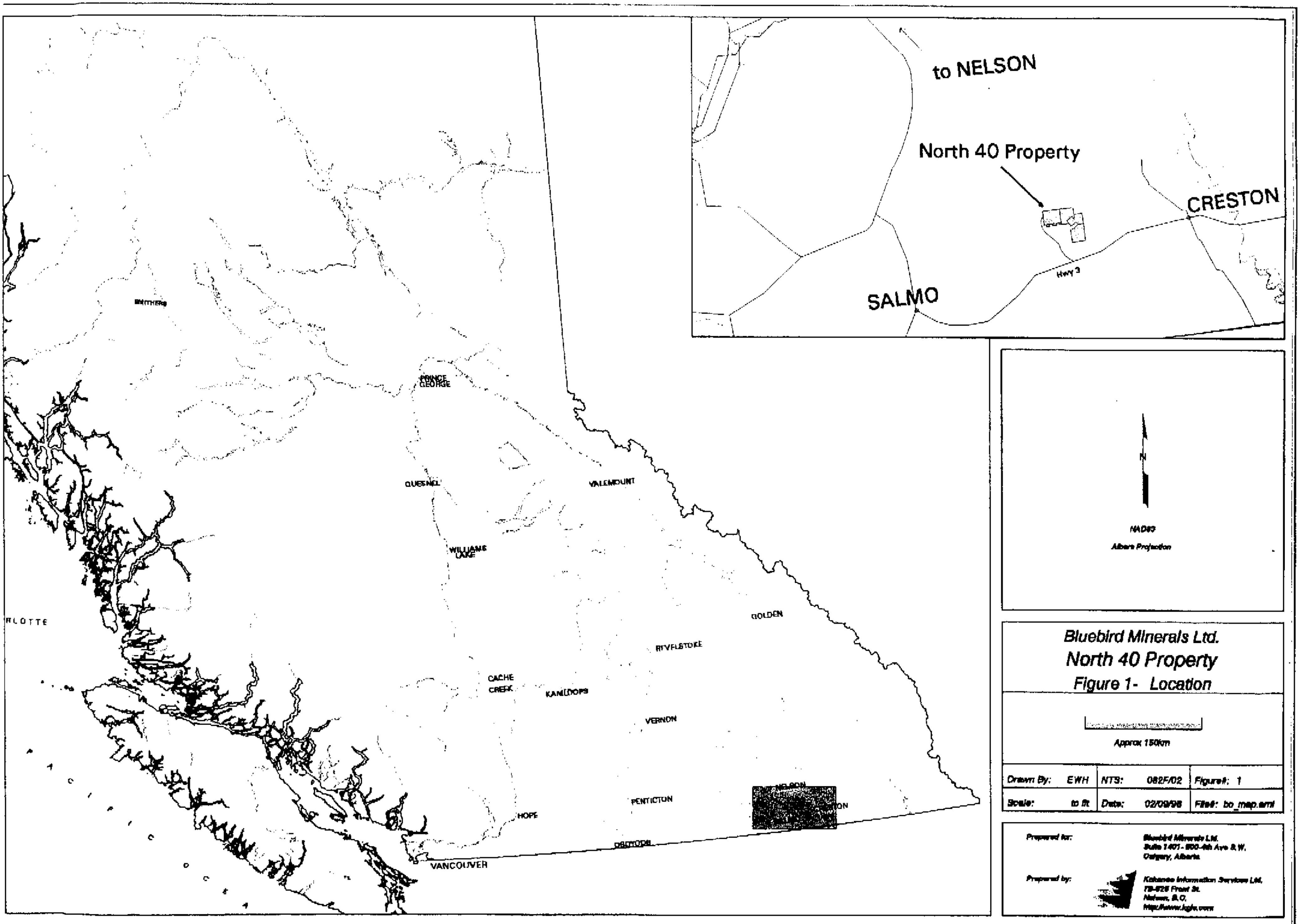
The North Forty Project is located in southeastern British Columbia approximately 45km south southeast of Nelson and 32 km west northwest of Creston within what is known as the Nelson Range of the Columbia Mountains. The geographic centre of the property is at latitude 49° 10' North and longitude 116° 56' West in the NTS map area 82F/2W, (See Fig. 1).

The property is readily accessible from B.C. Highway #3 at a point approximately 22 kilometers west of Creston. At this point the Blazed Creek Forest Access road originates and is followed for about 12 kilometers northwest. Four-wheel drive capability is recommended for off-road portions of the access, although the majority of the road is easily traversed with two-wheel drive.

Elevations on the property range from about 1500m. to about 2060m. The area in which most work occurred lies between 1600m and 1900m.with predominantly subdued topography, however some steep rugged terrain exists. Large parts of the property have been clearcut but the indigenous forest cover consists of mature stands of balsam fir and spruce.

3.0 CLAIM STATUS

Bluebird Resources Ltd. has title to 80 contiguous claim units located within the Nelson Mining Division. The claims consist of four 4-post and five 2-post mineral claims as shown in Fig.2. Pertinent claim data are listed below.



to NELSON
North 40 Property
CRESTON
SALMO
Hwy 3
SMITHERS
PRINCE GEORGE
QUESNEL
VALEMOUNT
WILLIAMS LAKE
GOLDEN
REVELSTOKE
CACHE CREEK
KAMLOOPS
VERNON
PENTICTON
HOPE
OSOYOOS
VANCOUVER
NELSON
N
NAD83
Albers Projection
Bluebird Minerals Ltd.
North 40 Property
Figure 1- Location
Approx 150km
Drawn By: EWH
NTS: 082F/02
Figure#: 1
Scale: to fit
Date: 02/09/98
File#: bc_map.aml
Prepared for:
Prepared by:
Kokanee Information Services Ltd.

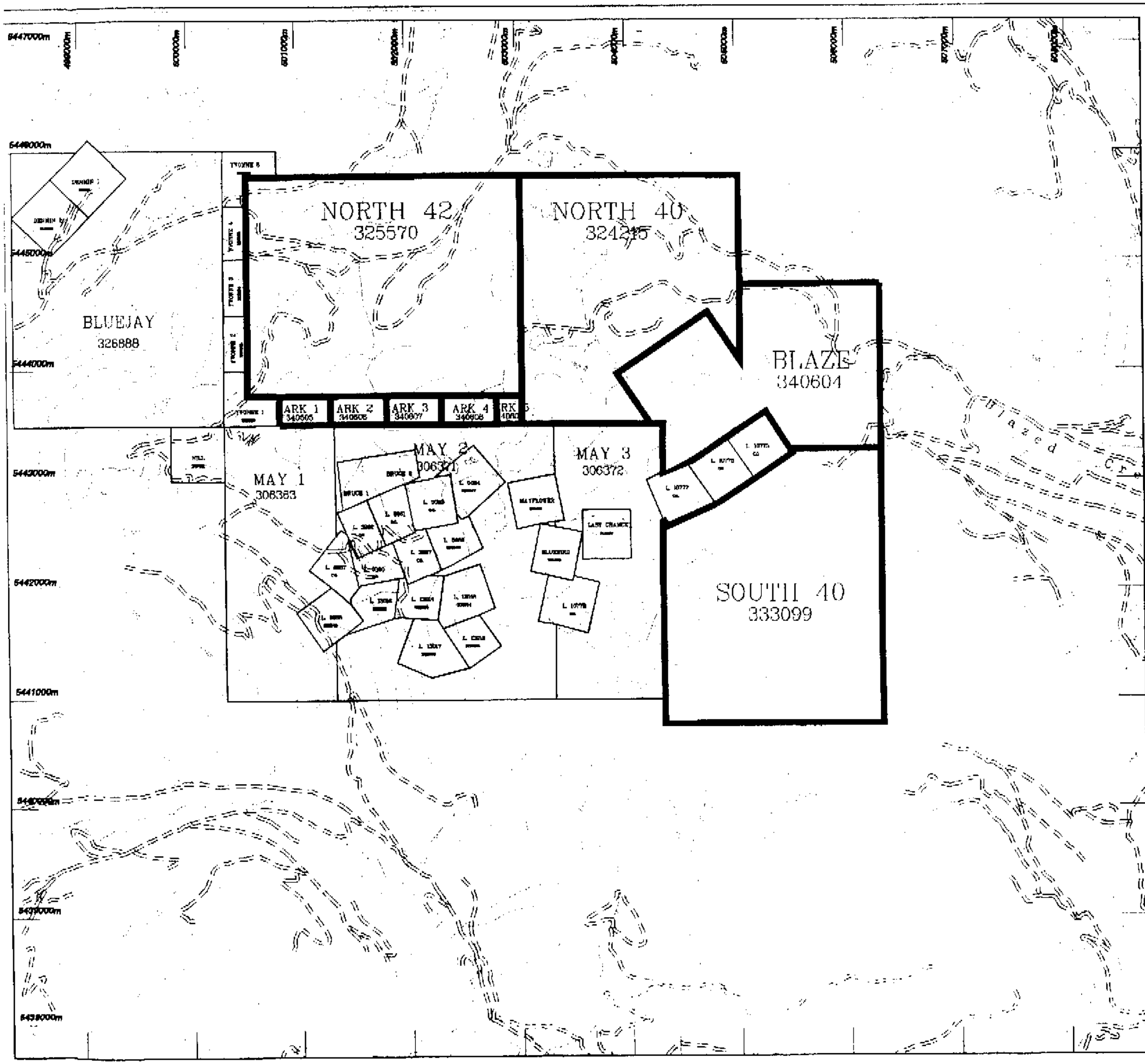
Table 1 Claim Status

Claim Name	Record #	# of Units	Expiry Date
North 40	324215	20	March 26, 2001
North 42	325570	20	May 15, 2001
South 40	333099	20	December 19, 2001
Blaze	340604	15	September 24, 1998
Ark 1	340605	1	September 26, 1999
Ark 2	340606	1	September 26, 1999
Ark 3	340607	1	September 26, 1999
Ark 4	340608	1	September 26, 1999
Ark 5	340609	1	September 26, 1999

4.0 REGIONAL AND LOCAL GEOLOGY

The North Forty Project is located within rocks of the Kootenay Terrane, between the northern extension of the Purcell Trench Fault to the east and the Kootenay Arc rocks to the west. Layered rocks underlying the area are all part of the Windermere Supergroup of late Proterozoic age, (Brown et al, 1995). These include a thick succession of clastic and lesser carbonate sediments and mafic volcanics. These layered rocks are intruded by the mid-Cretaceous Bayonne batholith and by middle to late Jurassic granitic plutons.

Two granitic stocks dominate the geology in and around the property, the Mine Stock and the Wall Stock, (Rice, 1941). The Mine Stock is a fine to medium-grained, light grey, equigranular granodiorite. Mafic minerals are dominated by biotite with amphibole present. Narrow aplite and pegmatite dykes are particularly common near stock margins. The Wall Stock to the northwest is very similar in appearance and composition to the Mine Stock except for the greater abundance of amphibole, (Rice, 1941). Aplite and pegmatite dykes are rare in the the Wall Stock. Windermere sediments have been warped by the intrusion of these two stocks and structural trends within the sediments near the stocks mimic the intrusive contacts, (Rice, 1941). The Mine Stock hosts the former producing Bayonne Mine and the Wall Stock hosts the former producing mine, the Spokane.



Bluebird Minerals Ltd.
North 40 Property
Figure 2: Claim Map

0 m 500 m 1000 m 2000 m

NAD83
UTM Zone 11

Drawn By: EWH	NTS: 082F/02	Figure#: 2
Scale: 1:50,000	Date: FEB - 1998	File#: clm.aml

Prepared for: Bluebird Minerals Ltd.
Suite 1401 - 800-4th Ave S.W.
Calgary, Alberta

Prepared by: Kokanee Information Services Ltd.
7B-625 Front St.
Nelson, B.C.
http://www.kgis.com

5.0 EXPLORATION HISTORY

The region surrounding the North Forty Project has a rich history of mining and exploration, most of which occurred prior to 1960. Carter,(1996) summarizes the exploration history in more detail.

Within the property there are numerous old hand trenches and evidence of mechanical trenching usually directed toward auriferous sulphide-bearing quartz veins.

In 1994, Bluebird Resources Ltd. conducted a limited program of sampling and prospecting over the North 40 and North 42 claims. This program resulted in identification of an auriferous vein structure. A small grid was established over this vein and 63 soil samples were collected, (Cukavac, 1995). Two holes were drilled using a Winkie portable drill targeting this vein.

In 1995, a more comprehensive exploration program including prospecting, some bedrock sampling , soil geochemistry and a geophysical survey (VLF and Mag) was carried out. Two grid areas were established, the West Grid and the East Grid. The West Grid consists of a 1 kilometre picketed baseline and 33 kilometres of flagged north-south cross lines at 50m spacing. 1297 soil samples were collected at 25 metre spacing and analyzed for gold, lead and a number of other elements. A magnetometer and VLF survey was also conducted over 22 kilometres of the West Grid, (Cornock, 1995).

The East Grid consists of 13.7 kilometres of flagged north-south lines spaced 100 metres. 308 soil samples were collected and analyzed on this grid.

More regionally, exploration history has focused on the Bayonne, Spokane and Virginia Mines and neighboring properties. Sargent,(1938) describes in detail these and neighboring properties. These mines produced gold, silver, lead and zinc from quartz veins hosted in granodiorite. Significant production history from these mines is listed below.

Table 2 Production History

PROPERTY	TONNES MINED	GOLD (g)	SILVER (g)	LEAD (kg)	ZINC (kg)
Bayonne	80,903	1,311,597	3,752,691	43,472	23,349
Spokane	1733	29,639	570,988	304,046	12,943
Virginia	19	373	591	-	-

Source: BC Minfile

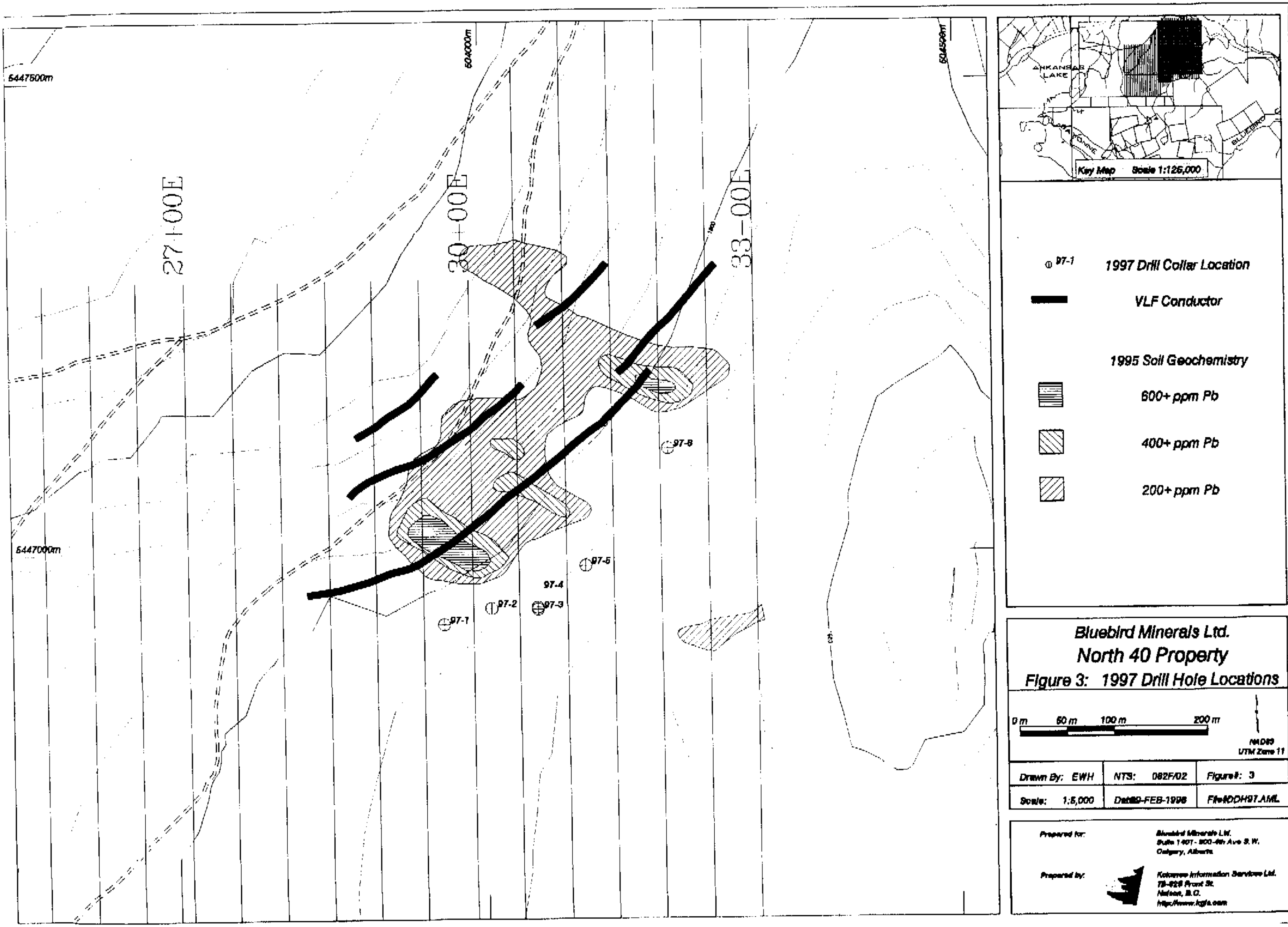
Of note, the bulk of the production from the Bayonne occurred between 1935 and 1951 with some production in 1983 and 1984. On the Spokane all production occurred between 1915 and 1956. Production from the Virginia was in 1936 and 1938.

6.0 DIAMOND DRILLING

During July of 1997 Bluebird Minerals Ltd. conducted a diamond drilling program on their North Forty Project in southwestern British Columbia. A total of 1131.70 metres of NQ core were drilled in six holes,(See Fig.3). Pertinent drill hole data are listed below.

Table 3 Drill Hole Data

Drill Hole #	UTM Coordinates Nothing	UTM Coordinates Easting	Grid Coordinates Northing	Grid Coordinates Easting	Dip °	Azimuth °	Length (m)
N4097-1	5446925.1	503957.0	44+45	29+50	-45	000	153.31
N4097-2	5446942.1	504007.0	44+65	30+00	-50	000	171.60
N4097-3	5446941.3	504056.0	44+50	30+50	-45	000	222.50
N4097-4	5446929.5	504506.5	44+39	30+50	-45	135	153.31
N4097-5	5446986.8	504107.0	45+02	31+00	-50	000	222.50
N4097-6	5447111.4	504194.9	46+27	31+88	-50	000	208.48



5447500m
5447000m
604000m
604500m
27+00E
30+00E
33+00E
97-1
97-2
97-3
97-4
97-5
97-6
ARKANSAS LAKE
Key Map Scale 1:125,000
1997 Drill Collar Location
VLF Conductor
1995 Soil Geochemistry
600+ ppm Pb
400+ ppm Pb
200+ ppm Pb
Bluebird Minerals Ltd.
North 40 Property
Figure 3: 1997 Drill Hole Locations
0 m 50 m 100 m 200 m
UTM Zone 11
Drawn By: EWH
NTS: 082F/02
Figure#: 3
Scale: 1:5,000
Prepared for:
Prepared by:

6.1 Methodology Leber Mines Ltd. of Nelson, BC was contracted to drill in excess of 1000 metres of NQ core. A track-mounted Longyear 38 was utilized. This is a self-contained unit with both integral mud tanks and rod storage. The unitized, mobile drill facilitated rapid drill moves and minimized site disturbance. Nearby small meltwater creeks provided a reliable water source. Target selection was predicated primarily upon lead in soil geochemical anomalies with coincident VLF anomalies. In addition small auriferous and galena-bearing quartz veins provided structural data and verified the exploration premise.

6.2 Geology The geology of the entire drill program was quite simple, essentially all the holes were collared in granodiorite and more or less remained in granodiorite for the entire length of the holes. Variation from this was seen in the presence of lamprophyre dikes and minor aphanitic felsic dikes,(aplite). The granodiorite was typically a medium-grained, mesocratic to leucocratic, equigranular rock. Commonly the granodiorite was not magnetic although locally it could be weakly to moderately magnetic due to disseminated magnetite. The granodiorite was variably propylitized, manifested by varying degrees of epidote replacement of biotite,(Drill logs can be consulted in Appendix V).
All the lamprophyres seen were biotite lamprophyre and were usually aphanitic and varied from non-porphyritic to porphyritic with biotite phenocrysts. These rocks were melanocratic, non-magnetic to weakly magnetic and variably calcareous. These lamprophyres did not appear to have any direct spatial association with auriferous quartz veins.

6.3 Mineralization and Alteration Numerous quartz veins were intersected in drilling and many of these carried variable amounts of base metals, notably galena, sphalerite and minor chalcopyrite. However, the width of these veins was commonly two to five centimetres. The quartz veins appear to be subvertical as is supported from surface evidence and angles of veins to core axis. Perhaps a somewhat surprising observation with respect to the veins is the extent of peripheral alteration associated with even the very small veins. Almost all veins had a very distinctive sericite/carbonate alteration envelope which extended beyond the veins for up to 50cm on either side of veins. Sometimes this alteration envelope was somewhat zoned such that immediately adjacent to the veins the granodiorite was sericitically altered and toward the edges of the alteration envelope the alteration assemblage was dominated by calcite. Quite often but not always, this alteration assemblage was overprinted by a late pervasive limonite, which is probably an oxidation feature created by meteoric oxygen-rich water percolating along these veins and associated fractures and oxidating iron-bearing minerals in the granodiorite immediately adjacent to the veins.

6.4 Results Drilling results confirmed the strong correlation between lead and gold in quartz veins in this area. However, while the magnitude of the results were not as high as anticipated, the obvious relationship between high gold and high lead is very helpful in that it confirms first of all,that our basis for drilling the high lead geochemical targets was justified and that future drilling and/or exploration should at least in part be predicated upon lead in soil anomalies, (See Table 4). The certificate for analysis AK97-785 can be consulted in Appendix II.

HOLE #N4097-1: Results in hole #1 were overall poor with very few veins or veinlets.

HOLE #N4097-2: Samples # **23567**, and **23584** were anomalous in gold with values of 1.28 g/t over 0.35m and 1.77g/t over 1.00m respectively. Sample # **23567** had a strong correlation with lead while Sample # **23584** had no correlation with lead and no obvious reason in the log. Sample # **23574** had a strong lead value (6160ppm) with no gold and it appears to be associated with narrow calcite only veinlets (1-3mm) with associated sphalerite.

HOLE #N4097-3: Samples # **23601** and **23616** were both anomalous in gold with values of 4.02g/t over 0.30m and 1.33g/t over 1.70m. respectively. Both of these samples correlated strongly with high lead values. Sample # **23601** was associated with a 5cm quartz/limonite vein with pyrite, galena and sphalerite. Sample # **23616** was associated with a 10cm quartz vein with galena, and strong peripheral sericite/calcite alteration carrying 2-3% disseminated pyrite.

HOLE #N4097-4: Sample # **23632** was strongly anomalous in gold with 2.21 g/t over 0.35m. Strong gold here is associated with a 1cm quartz/calcite vein with galena, and pyrite. Once again high gold here correlates well with high lead values carried by the galena.

HOLE #N4097-5: Two samples were anomalous in gold in this hole, # **23639**, and # **23666** with values of 980ppb over 1.00m, and 1.71g/t over 1.00m respectively. Sample # **23639** was interesting in that the gold was not linked with a high lead value. Sample # **23666** does however correlate strongly with a high lead value. Sample # **23639** is associated with very narrow calcite/quartz veinlets with no apparent sulphides. Another interesting sample in this hole was # **23647** which carried high lead, (8506ppm) with little gold. A 2 centimetre quartz/limonite vein occurs in this sample with no visible sulphides. There was also 2 to 3 centimetre clay/gouge zone which may have carried the base metal. Sample **#23650** was anomalous in gold (910ppb) and is most likely related to an 11 centimetre quartz/limonite/calcite vein with 3% coarse pyrite aggregates. Lack of visible base metals here explains the low base metal values and suggests the gold in this sample is directly related to the pyrite in the vein. Sample **#23653** contains anomalous gold (970ppb) which appears to be occurring with a 2 to 3 centimetre quartz vein containing coarse fracture controlled pyrite, galena, sphalerite and possible chalcopyrite. Sample **#23657** is also anomalous in gold (810ppb) and basemetals and in this sample both would seem to occur in a small 15 centimetre zone of quartz stockwork consisting of narrow light grey quartz veinlets containing coarse pyrite, galena and possibly sphalerite.

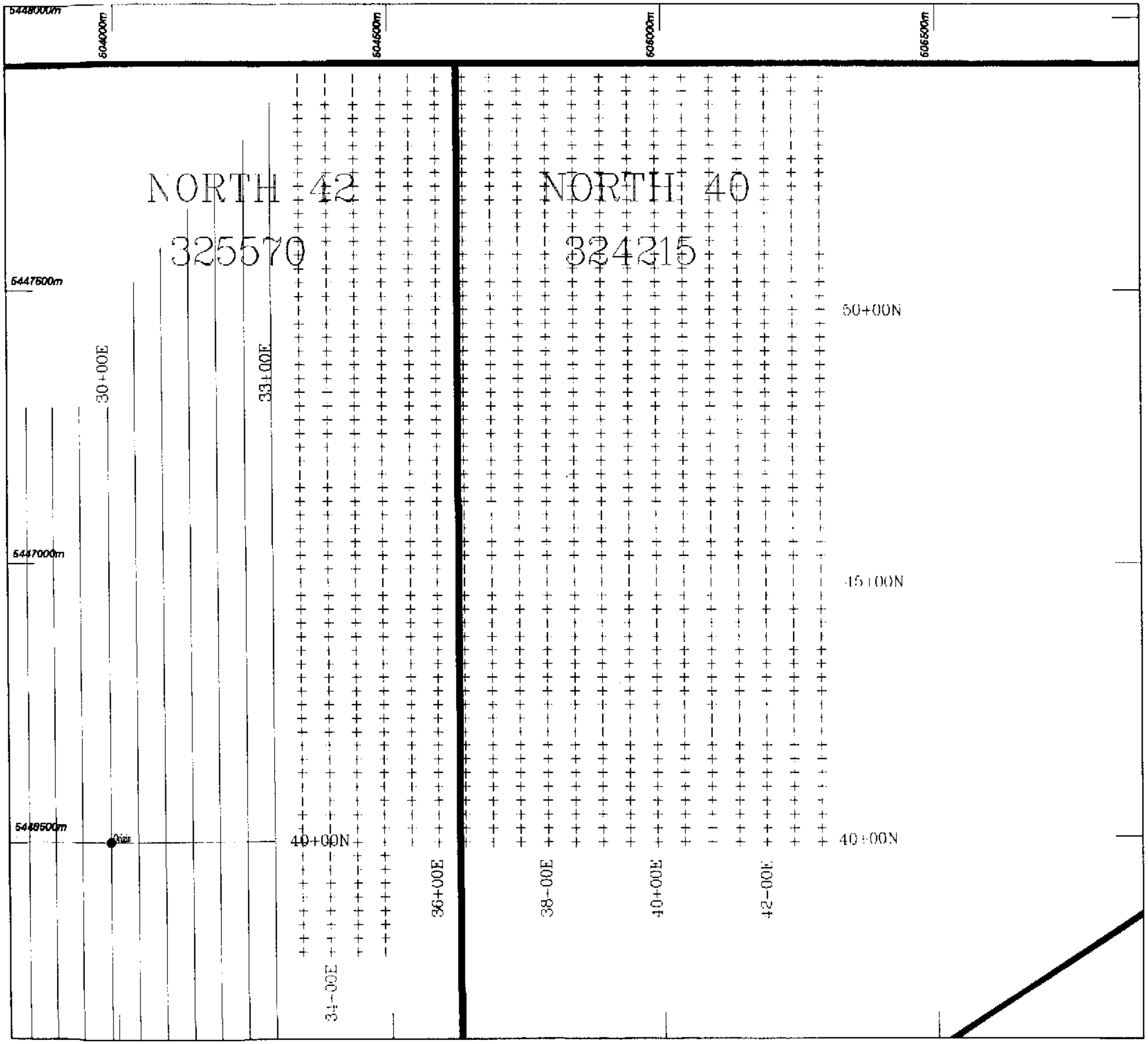
HOLE #N4097-6: This hole probably produced the best results to date. Three samples carried strongly anomalous if not ore grade gold values over narrow widths. Samples # **23691, 23694** and **23695** returned values of 1.29 g/t over 0.20m, 3.52 g/t over 0.24m and 3.72 g/t over 0.30m respectively. All samples were also anomalous in lead. All samples were related to narrow quartz/calcite veinlets of 0.5cm to 6cm in size.

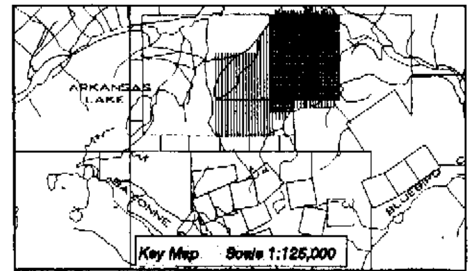
TABLE 4 SUMMARY OF SIGNIFICANT DRILL RESULTS

DRILL HOLE #	SAMPLE NUMBER	SAMPLE WIDTH (M)	AU (PPB)	AU (g/t)	Pb (PPM)	Zn (PPM)
N4097-2	23567	0.35	>1000	1.28	1578	3682
N4097-2	23584	1.00	>1000	1.77	6	37
N4097-3	23601	0.30	>1000	4.02	5416	1457
N4097-3	23616	1.70	>1000	1.33	1862	1363
N4097-4	23632	0.35	>1000	2.21	1746	2636
N4097-5	23639	1.00	980	N/D	40	52
N4097-5	23647	1.00	25	N/D	8506	7530
N4097-5	23650	1.00	910	N/D	128	622
N4097-5	23653	0.40	970	N/D	1166	5164
N4097-5	23657	0.60	810	N/D	1152	1457
N4097-5	23666	1.00	>1000	1.71	2546	524
N4097-6	23691	0.20	>1000	2.52	176	287
N4097-6	23694	0.24	>1000	3.52	626	2003
N4097-6	23695	0.30	>1000	3.72	410	5780

7.0 1997 SOIL GEOCHEMISTRY SURVEY

During August 1997 Bluebird Minerals Ltd conducted a soil geochemical survey as an extension to the east of the 1996 soil program. The main objective of this survey was to extend grid coverage to the east and north to cover potential strike extensions of known soil anomalies. The new soil grid is shown in Fig. 4.





Bluebird Minerals Ltd.

North 40 Property

Figure 4: 1997 Soil Geochemistry Grid

0 m 100 m 200 m 400 m

NAD83
UTM Zone 11

Drawn By: EWH	NTS: 082F/02	Figure#: 4
Scale: 1:10,000	Date: FEB - 1998	File#: GRID.AML

Prepared for: Bluebird Minerals Ltd.
Suite 1401 - 600-4th Ave S.W.
Calgary, Alberta

Prepared by: Kokanee Information Services Ltd.
7B-625 Front St.
Nelson, B.C.
http://www.kgis.com

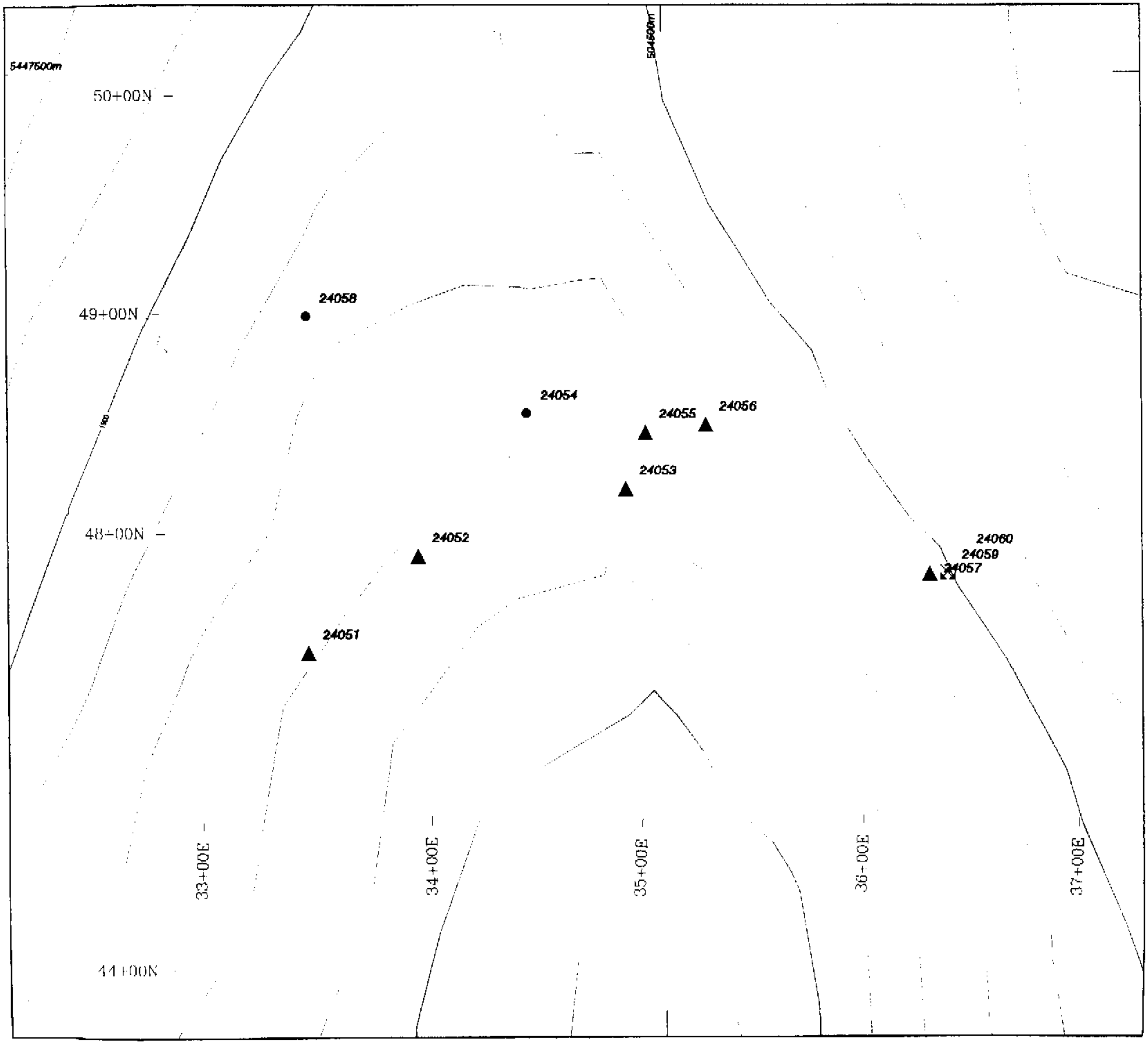
7.1 Methodology One new grid was established using the hip chain and flagging methold with a line spacing of 50 metres and station spacing of 25 metres. Lines were established from 3350E to 4300E (950 metres). Lines were installed using compass, chaining and flagging. 25 metre stations were located with flagging and labelled accordingly with grid coordinates. A total of 28.4 kilometres were surveyed.

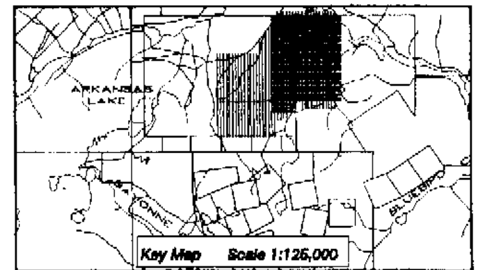
Soils were taken at 25 metre stations on the new grid lines and were collected from the 'B' soil horizon using shovels. A total of 1172 samples were collected. Overall good B-horizon soils were encountered at depths of 30 to 40 centimetres. The exception were areas immediately around small lakes where poorer B-horizons were developed. On steeper sections of the grid, B-horizons were typically 10 to 20 centimetres in depth. Samples were placed in standard kraft paper envelopes, field dried and sent to Eco-Tech Laboratories Ltd. in Kamloops, BC. All samples were labelled with the grid coordinates. The soils were analysed geochemically for gold and by induced coupled plasma (ICP) for 28 other elements. The certificate for analysis, AK97-909 can be consulted in Appendix III.

7.2 Results Numerous spot gold and/or lead anomalies occur throughout the grid area. All anomalies were checked on the ground with limited success. Figures 5 and 6 display results of the gold and lead geochemistry respectively.

On lines 33+50E and 34+00E and between 41+75N and 46+50N there is a discontinuous cluster of gold anomalies with less convincing spotty lead anomalies. Maximum gold values reach 120ppb. This cluster trends north which doesn't match known northeast to east strike of veins. A single point gold anomaly of 405 ppb at Line 34+50E and 42+00N has a low level anomalous matching lead value of 128ppm. While this is a single point anomaly, and cursury prospecting failed to disclose a source, future work may include some form of trenching on this anomaly to disclose the source. A northwest-southeast trending gold anomaly starting at L40+50E and 46+50N to L41+50E and 45+75N has a maximum value of 505ppb Au and a minimum strike length of 125 metres. No coincident lead anomaly occurs here. Prospecting failed to disclose an obvious source. Some form of trenching may be required to follow this up.

Table 5, list the results of prospecting on the new grid and sample locations are shown on Fig. 7. Narrow auriferous quartz veinlets were found in place and in float, some associated with old workings. These did not appear to correlate well with soil geochemical results. More detailed prospecting and mapping may be warranted.





Rock Sample Legend

▲ 24051	Outcrop
● 24054	Float
24059	Dump

Bluebird Minerals Ltd.

North 40 Property

Figure 7: Rock Sample Locations

0 m 25 m 50 m 100 m

NAD83
UTM Zone 11

Drawn By: EWH	NTS: 082F/02	Figure#: 7
Scale: 1:2,500	Date: FEB -1998	File#: rock.aml

Prepared for: Bluebird Minerals Ltd.
Suite 1401 - 500-4th Ave S.W.
Calgary, Alberta

Prepared by: Nelson, B.C.

TABLE 5 PROSPECTING RESULTS

Sample No.	Northing	Easting	Au (g/t)	Pb (ppm)	Description
24051	4743	3350	12.74	3.18[2]	quartz veinlet in 60 centimetres of altered granodiorite
24052	4785	3400	13.79	9264	30 centimetre quartz vein in granodiorite
24053	4820	3490	11.35	5056	2.5 centimetre quartz veinlet
24054	4854	3450	2.87	6688	Float; quartz vein with galena
24055	4820	3505	3.36	7724	narrow quartz vein with galena in altered granodiorite
24056	4825	3530	51.4	5058	shattered vein material (vuggy quartz, sericite and some galena , 45 centimetres wide.
24057	4780	3630	1.94	698	altered wall rock mineralized with pyrite above adit
24058	4900	3350	205[1]	32	quartz float at trench
24059	4780	3640	110[1]	166	adit dump; vuggy limonitic quartz
24060	4780	3640	21.35	2.02[2]	adit dump; ribbon textured quartz

[1] gold in ppb, [2] lead in percent

8.0 CONCLUSIONS AND RECOMMENDATIONS

The drilling program was a technical success in that the premise that lead in soil anomalies were targets for auriferous quartz veins. Coincident VLF anomalies did not seem to correlate with findings.

The drilling discovered numerous auriferous quartz veins hosted in the Mine Stock granodiorite, however, the veins were small ranging in size from less than 1centimetre to 15 centimetre.

Further soil geochemistry to the east failed to define a significant distinct gold and lead in soil anomaly. Smaller dual element anomalies and some small single element (either gold or lead) anomalies were found. Prospecting on these particular anomalies failed to find source rocks. Prospecting did however find other narrow auriferous veinlets, auriferous quartz float and old workings on auriferous veins. Some of these veins while not particularly large had significant values in gold. These finds indicate that some exploration potential still exists on the eastern grid.

The poor correlation between known veins and veinlets in drill core and VLF anomalies would preclude further use of VLF on the new grid. Unless quartz veins were large enough to produce a magnetic low, and because no magnetite exists in the veins, magnetics would probably not be effective. The host granodiorite is weakly to moderately magnetic.

Lead in soils, were successful in delineating drill targets because of the strong correlation between lead and gold in veins. Hence, consideration should be given to further soil geochemistry work on parts of the claims not already covered.

Hand or mechanical trenching on the unexplained soil anomalies should be part of any further work on the property. Additional detailed prospecting may yield surface discoveries or at very least discoveries of old workings. At this stage because of the small size of quartz veins discovered, additional drilling is not recommended.

9.0 REFERENCES

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10.0 STATEMENT OF QUALIFICATIONS

I, Bernhardt E.K. Augsten, of the City of Nelson, British Columbia, hereby certify that:

1. I am a graduate of Carleton University with a B.Sc. Hons. in Geology (1985).

2. I am presently self-employed as a Consulting Geologist

3. I have practised as a geologist for the last 13 years in Ontario, Quebec, Manitoba British. Columbia, Arizona and Mexico

4. The author logged all the core in the diamond drill program and also spent one day examining outcrops and soil conditions. The author has worked on several other projects in the region in the last eight years.

5. The author was contracted by Bluebird Minerals Ltd. to examine drill core and consult on drilling on the North Forty project. The author has no interest in the properties or holdings of Bluebird Minerals Ltd.

B.E.K. Augsten, B.Sc.

APPENDIX I

COST STATEMENT

Diamond Drilling	Leber Mines Ltd	67,539.47
Site Prep/Reclamation	Custom Dozing	6,323.70
	Darkwoods Forestry	2,140.00
Topographic Mapping	Kokanee Information Services Ltd.	2,637.50
Soil and Rock Analysis	Soils (1172 samples, Eco-Tech Labs)	19,865.41
	Core (149 samples, 28 element ICP + geochem Au and Fire Assay)	3,150.51
	Rock Analysis (11 samples, 28 element +geochem+fire assay Au)	360.32
Labour	B. Augsten (core logging/geology)12.5 days@ $350.00	4,681.25
	K. Murray (Project management,prospecting)56 days@ $250.00	14,979.00
	J. Denny (grid, soil sampling, prospecting) 19 days@ $200.00	3,800.00
	D. Murray (Soil sampling) 8 days @$200.00	1,600.00
	M. Murray (core splitting, soil sampling) 23 days @$125.00	2,875.00
Vehicle Rental	66 vehicle days @ $70.00	4,943.40
Fuel		1,789.85
Consummables	Flagging, lumber, nails, topofil etc.	1,029.59
Core splitter rental		75.00
	TOTAL	$137,790.00

APPENDIX II

ANALYTICAL RESULTS - DRILLING

14-Aug-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 97- 785

KEN MURRAY
802 RICHARDS STREET
NELSON, BC
V1L 5S3

ATTENTION: TOM GORKOFF

No. of samples received: 149
Sample type:Core
PROJECT #: North Forty
SHIPMENT #:not given
Samples submitted by: Ken Murray

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	23551	130	0.2	1.20	<5	65	<5	3.40	3	10	65	13	2.72	<10	0.71	886	2	0.02	4	840	116	<5	<20	120	0.02	<10	22	<10	24	217
2	23552	15	<0.2	1.36	15	90	<5	2.78	<1	10	71	7	2.44	<10	0.94	684	3	0.02	5	930	24	15	<20	119	0.04	<10	25	<10	23	45
3	23553	10	0.6	1.21	<5	115	<5	4.67	<1	9	82	4	2.75	20	0.53	849	3	0.01	3	920	10	<5	<20	106	<0.01	<10	14	<10	36	69
4	23554	160	2.4	1.09	10	85	<5	2.78	16	11	110	156	3.73	10	0.41	1193	3	0.01	5	820	1778	<5	<20	32	<0.01	<10	11	<10	27	2832
5	23555	5	<0.2	1.50	10	40	<5	2.02	13	10	85	8	2.76	<10	0.97	690	1	0.03	4	870	58	15	<20	64	0.06	<10	36	<10	24	942
6	23556	10	<0.2	1.29	5	45	5	3.00	2	9	82	2	2.57	<10	0.77	764	2	0.02	4	790	10	15	<20	82	0.04	<10	28	<10	26	88
7	23557	10	<0.2	1.01	15	45	<5	3.08	<1	11	72	3	3.27	10	0.56	1035	2	0.02	2	940	48	10	<20	52	0.03	<10	20	20	19	56
8	23558	10	<0.2	1.40	<5	40	<5	6.07	<1	10	72	5	3.43	<10	0.66	822	2	0.02	3	930	14	5	<20	150	0.01	<10	17	<10	24	41
9	23559	190	<0.2	1.37	5	35	<5	3.42	<1	11	98	3	3.04	<10	1.03	849	<1	0.03	3	900	6	5	<20	158	0.07	<10	26	<10	22	42
10	23560	5	<0.2	1.44	10	40	<5	2.87	<1	10	62	8	2.78	<10	0.93	616	<1	0.03	3	930	32	10	<20	88	0.07	<10	32	<10	15	63
11	23561	5	<0.2	1.59	10	95	5	1.94	<1	11	101	3	2.93	<10	0.97	598	<1	0.07	5	960	6	10	<20	105	0.13	<10	50	<10	19	55
12	23562	5	<0.2	1.39	<5	55	<5	2.48	<1	10	70	3	2.76	<10	0.90	638	<1	0.05	4	940	28	15	<20	164	0.09	<10	43	<10	22	69
13	23563	5	<0.2	1.36	5	60	<5	1.73	3	11	92	6	2.91	<10	0.83	687	1	0.04	4	970	28	10	<20	52	0.08	<10	38	<10	25	255
14	23564	175	1.2	1.13	15	45	<5	1.45	6	9	136	12	3.14	<10	0.62	821	3	0.02	6	730	172	<5	<20	34	0.02	<10	20	<10	19	374
15	23565	5	<0.2	1.15	5	30	<5	1.39	<1	10	76	3	1.94	<10	0.82	479	<1	0.03	3	930	6	15	<20	58	0.08	<10	28	<10	16	34
16	23566	5	<0.2	1.44	5	65	<5	1.34	<1	11	74	3	2.44	<10	0.94	540	<1	0.07	5	980	8	15	<20	65	0.13	<10	40	<10	16	38
17	23567	>1000	2.6	0.57	35	25	<5	4.10	42	11	76	76	3.99	<10	0.86	1725	2	0.01	3	840	1578	<5	<20	293	0.01	<10	12	<10	1	3682
18	23568	5	<0.2	1.38	<5	35	<5	1.79	<1	11	66	2	2.34	<10	0.95	543	<1	0.04	4	960	22	10	<20	82	0.09	<10	32	<10	15	53
19	23569	50	<0.2	1.10	45	30	<5	5.78	<1	10	98	4	3.02	<10	0.71	1043	5	0.03	3	860	8	<5	<20	252	0.02	<10	18	<10	22	28
20	23570	45	<0.2	1.56	20	35	<5	1.75	<1	11	108	3	2.42	<10	0.99	539	4	0.05	4	960	4	15	<20	74	0.10	<10	35	<10	17	37

KEN MURRAY

ICP CERTIFICATE OF ANALYSIS AK 97- 785

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	23571	15	<0.2	1.10	<5	35	5	3.52	<1	10	138	4	3.09	<10	0.97	722	8	0.03	3	910	18	10	<20	230	0.05	<10	24	<10	11	74
22	23572	5	<0.2	1.52	<5	35	<5	1.75	<1	12	76	2	2.52	<10	1.07	580	2	0.04	4	960	8	15	<20	67	0.10	<10	36	<10	14	41
23	23573	5	<0.2	1.31	10	30	<5	1.19	<1	10	79	2	2.08	<10	0.94	493	1	0.03	4	960	4	10	<20	56	0.09	<10	29	<10	15	39
24	23574	5	<0.2	0.38	5	30	<5	2.34	59	5	83	31	1.63	<10	0.25	485	3	0.02	2	440	6160	<5	<20	130	<0.01	<10	4	<10	3	4617
25	23575	20	<0.2	0.31	<5	40	<5	2.35	4	<1	110	5	0.56	<10	0.04	300	5	0.03	1	180	118	<5	<20	111	<0.01	<10	7	<10	5	99
26	23576	5	<0.2	0.38	<5	45	<5	1.60	3	<1	71	2	0.58	<10	0.08	204	4	0.03	<1	220	60	<5	<20	117	<0.01	<10	3	<10	5	70
27	23577	5	<0.2	0.59	<5	40	<5	0.75	<1	2	129	2	0.91	<10	0.19	222	4	0.05	1	260	12	<5	<20	48	0.04	<10	8	<10	5	22
28	23578	5	<0.2	2.12	5	40	<5	2.20	2	12	82	63	3.70	<10	1.34	675	4	0.02	3	900	122	10	<20	70	0.06	<10	43	<10	24	168
29	23579	5	0.4	0.76	10	30	<5	5.41	3	10	82	5	3.34	<10	0.68	881	5	0.01	3	880	146	5	<20	194	<0.01	<10	7	<10	23	143
30	23580	5	0.2	0.93	<5	35	<5	5.89	<1	10	52	2	3.43	<10	0.68	876	5	0.02	2	900	18	5	<20	222	<0.01	<10	9	<10	27	36
31	23581	5	<0.2	1.54	<5	55	<5	2.83	<1	11	91	2	2.85	<10	1.04	680	2	0.03	5	910	10	15	<20	121	0.09	<10	38	<10	20	42
32	23582	5	<0.2	1.35	<5	35	<5	1.37	<1	11	82	2	2.20	<10	0.93	513	2	0.04	4	970	6	15	<20	66	0.11	<10	32	<10	21	38
33	23583	5	<0.2	0.96	<5	40	<5	2.83	<1	9	95	2	2.44	<10	0.77	591	3	0.03	3	830	10	10	<20	156	0.07	<10	23	<10	15	51
34	23584	>1000	<0.2	1.75	10	110	<5	1.17	<1	12	92	18	2.65	<10	1.00	542	1	0.11	3	910	6	15	<20	64	0.19	<10	49	<10	20	37
35	23585	5	<0.2	1.07	<5	45	<5	1.65	2	10	117	7	2.78	10	0.60	693	5	0.03	5	940	34	<5	<20	63	0.05	<10	25	<10	19	131
36	23586	220	0.6	0.69	<5	60	<5	3.08	10	9	100	30	3.08	10	0.23	941	3	0.02	3	880	188	<5	<20	61	<0.01	<10	11	<10	17	1234
37	23587	5	<0.2	1.71	5	75	<5	2.87	8	11	64	40	3.20	<10	1.11	725	2	0.02	3	1120	26	10	<20	85	0.02	<10	32	<10	21	1383
38	23588	370	0.8	0.98	10	25	<5	2.20	50	9	72	164	2.41	<10	0.76	753	<1	0.04	4	880	366	10	<20	109	0.07	<10	28	<10	15	3449
39	23589	5	<0.2	1.27	10	50	<5	3.66	<1	11	75	6	3.28	<10	0.71	898	2	0.03	4	970	32	<5	<20	79	0.05	<10	29	<10	15	87
40	23590	5	<0.2	0.44	<5	30	<5	4.32	2	7	84	5	2.43	<10	0.66	676	3	0.02	4	690	114	10	<20	371	<0.01	<10	7	<10	7	154
41	23591	5	<0.2	1.52	<5	70	<5	1.77	<1	11	86	3	2.54	<10	1.09	600	<1	0.04	4	990	10	20	<20	86	0.08	<10	33	<10	13	46
42	23592	5	<0.2	1.55	10	60	5	2.09	<1	11	83	3	2.60	<10	1.11	646	<1	0.04	5	1000	14	20	<20	87	0.07	<10	33	<10	18	65
43	23593	5	<0.2	0.98	<5	40	<5	4.11	<1	11	62	3	3.22	<10	1.08	785	2	0.03	3	960	6	10	<20	326	0.03	<10	20	<10	11	44
44	23594	80	2.0	0.43	30	45	<5	4.06	10	11	97	76	3.94	<10	0.89	1621	4	0.01	4	930	610	10	<20	277	<0.01	<10	10	<10	<1	817
45	23595	5	<0.2	1.26	<5	105	5	2.20	<1	11	86	4	2.89	<10	0.79	654	1	0.03	4	1000	10	10	<20	72	0.05	<10	30	<10	19	105
46	23596	5	<0.2	1.44	<5	75	<5	1.69	<1	11	81	2	2.66	<10	1.03	586	<1	0.04	5	970	6	15	<20	91	0.08	<10	34	<10	16	48
47	23597	345	1.4	0.49	10	50	<5	2.59	14	9	115	63	3.10	<10	0.16	1012	3	0.02	3	810	1816	<5	<20	53	<0.01	<10	14	<10	4	2130
48	23598	5	3.4	0.99	<5	40	<5	2.97	30	9	96	133	2.85	<10	0.87	946	1	0.02	7	880	2732	15	<20	213	0.04	<10	25	<10	11	2258
49	23599	5	<0.2	1.37	<5	30	<5	1.00	<1	12	92	3	2.13	<10	0.90	455	<1	0.06	3	1040	30	10	<20	55	0.09	<10	27	<10	14	83
50	23600	5	<0.2	1.49	5	35	5	0.98	<1	11	79	3	2.22	<10	1.02	514	<1	0.05	5	1110	12	15	<20	58	0.09	<10	29	<10	14	82
51	23601	>1000	7.0	0.70	45	55	<5	0.73	15	17	97	261	6.87	<10	0.22	2568	6	0.02	4	820	5416	<5	<20	26	0.01	<10	15	930	<1	1457
52	23602	5	<0.2	0.72	<5	35	<5	5.01	<1	11	64	2	3.44	<10	0.95	975	3	0.02	3	1010	24	10	<20	268	0.01	<10	17	<10	13	148
53	23603	5	<0.2	0.94	<5	40	5	5.37	<1	12	72	2	3.56	<10	1.05	893	3	0.02	4	1040	12	10	<20	275	0.01	<10	18	<10	17	49
54	23604	5	<0.2	1.69	5	75	5	1.46	<1	12	82	3	2.69	<10	1.08	570	<1	0.08	5	1120	4	15	<20	66	0.13	<10	42	<10	18	43
55	23605	5	<0.2	1.47	5	80	<5	3.73	<1	12	68	3	3.35	<10	1.01	722	1	0.05	2	1060	8	10	<20	161	0.07	<10	37	<10	19	52

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	23606	5	<0.2	1.51	<5	60	5	1.96	<1	11	70	2	2.57	<10	1.05	577	<1	0.06	5	1000	2	20	<20	84	0.11	<10	39	<10	14	37
57	23607	5	<0.2	1.49	<5	40	5	1.37	<1	11	82	2	2.47	<10	1.09	574	<1	0.04	4	990	4	15	<20	65	0.08	<10	35	<10	13	41
58	23608	5	<0.2	0.67	<5	60	5	4.28	3	10	62	7	3.72	<10	0.25	918	3	0.02	3	1030	6	<5	<20	41	0.01	<10	12	<10	11	41
59	23609	265	0.6	0.61	5	85	<5	3.79	7	11	90	10	3.97	10	0.17	1252	4	0.02	3	1030	154	<5	<20	45	<0.01	<10	11	<10	14	222
60	23610	5	<0.2	0.27	<5	35	<5	2.38	3	<1	97	3	0.49	<10	0.01	287	2	0.02	2	130	104	<5	<20	113	<0.01	<10	<1	<10	3	117
61	23611	5	<0.2	0.29	<5	40	<5	2.29	3	<1	98	3	0.56	<10	0.03	271	2	0.03	2	180	182	<5	<20	113	<0.01	<10	1	<10	5	158
62	23612	5	<0.2	0.29	<5	30	<5	3.23	<1	<1	86	1	0.52	<10	0.02	276	2	0.03	2	220	12	<5	<20	170	<0.01	<10	<1	<10	6	19
63	23613	5	<0.2	0.31	<5	40	<5	2.51	6	1	93	3	0.64	<10	0.05	332	2	0.02	<1	250	140	<5	<20	96	<0.01	<10	2	<10	4	316
64	23614	5	<0.2	1.31	<5	70	<5	3.28	4	11	78	3	3.23	<10	0.82	692	3	0.03	4	940	58	10	<20	116	0.03	<10	27	<10	10	85
65	23615	5	<0.2	1.36	<5	35	<5	1.97	<1	11	69	6	2.39	<10	1.01	578	<1	0.04	4	960	8	20	<20	79	0.08	<10	31	10	13	50
66	23616	>1000	2.6	1.05	15	25	<5	2.10	17	10	81	69	2.77	<10	0.93	724	1	0.03	4	870	1862	15	<20	125	0.05	<10	21	<10	7	1363
67	23617	40	0.4	1.21	10	45	<5	2.42	11	12	73	40	3.18	<10	0.78	1001	1	0.02	3	1010	288	10	<20	51	0.05	<10	24	<10	8	872
68	23618	5	<0.2	1.48	5	35	<5	1.97	<1	11	71	3	2.48	<10	1.09	587	<1	0.04	4	970	14	15	<20	98	0.08	<10	30	<10	13	49
69	23619	150	2.4	0.69	15	55	<5	1.94	19	11	92	47	3.72	<10	0.27	1362	3	0.01	4	910	520	<5	<20	30	0.01	<10	12	<10	10	1184
70	23620	5	<0.2	1.41	<5	50	5	2.42	<1	14	72	5	3.89	<10	1.21	824	<1	0.04	5	1130	14	10	<20	154	0.11	<10	52	<10	17	56
71	23621	100	0.4	0.93	<5	45	<5	3.48	3	9	67	7	2.80	<10	0.88	976	1	0.02	3	860	408	10	<20	202	0.04	<10	18	<10	9	223
72	23622	5	<0.2	1.16	<5	35	<5	3.94	<1	9	70	3	2.64	<10	0.76	662	2	0.03	3	790	8	10	<20	160	0.04	<10	24	<10	13	40
73	23623	15	0.4	0.58	5	20	<5	4.47	2	9	78	38	2.99	<10	0.81	1062	3	0.02	3	770	52	10	<20	363	<0.01	<10	11	<10	5	177
74	23624	5	<0.2	0.53	10	25	<5	4.58	<1	8	74	3	3.01	<10	0.83	833	3	0.02	2	750	4	5	<20	402	<0.01	<10	8	<10	11	29
75	23625	5	<0.2	1.04	<5	50	<5	4.10	<1	10	70	3	3.12	10	0.96	820	3	0.03	3	890	4	10	<20	276	0.01	<10	21	20	19	36
76	23626	10	0.8	0.58	10	25	<5	4.83	3	12	78	7	3.65	<10	0.72	1027	4	0.02	3	960	208	5	<20	264	<0.01	<10	7	<10	8	151
77	23627	175	0.4	0.11	<5	10	<5	1.02	7	2	165	16	0.77	<10	0.02	299	4	<0.01	4	140	350	<5	<20	21	<0.01	<10	1	230	2	453
78	23628	45	0.4	0.75	25	25	<5	5.16	3	11	97	12	2.91	<10	0.24	941	3	0.01	4	960	52	<5	<20	66	<0.01	<10	9	<10	26	245
79	23629	5	<0.2	1.40	<5	30	<5	1.91	<1	10	83	7	2.35	<10	0.97	604	<1	0.03	5	870	4	15	<20	73	0.07	<10	29	<10	20	43
80	23630	5	<0.2	0.82	5	25	<5	4.48	<1	8	74	5	2.73	<10	0.63	800	3	0.02	2	800	8	5	<20	260	0.01	<10	12	<10	18	44
81	23631	150	<0.2	1.20	10	35	<5	4.47	<1	10	53	8	2.93	<10	0.81	1091	2	0.02	3	1000	68	10	<20	116	0.04	<10	22	<10	22	71
82	23632	>1000	5.0	0.91	15	35	<5	3.18	33	11	99	456	3.13	<10	0.87	788	<1	0.02	4	860	1746	10	<20	217	0.03	<10	19	<10	8	2636
83	23633	35	0.4	0.92	<5	40	<5	4.78	3	10	88	21	3.10	<10	0.47	906	3	0.02	3	900	208	5	<20	117	0.02	<10	16	<10	12	233
84	23634	5	<0.2	1.24	5	50	<5	4.72	<1	10	86	8	3.23	<10	0.79	1012	2	0.02	4	860	32	10	<20	148	0.04	<10	28	<10	19	68
85	23635	5	0.2	0.63	<5	30	<5	5.19	<1	11	65	9	3.53	<10	0.95	1224	3	0.02	3	840	94	10	<20	435	<0.01	<10	10	<10	8	56
86	23636	5	<0.2	0.79	<5	35	<5	4.32	<1	10	75	4	3.29	<10	1.10	886	3	0.03	1	870	10	10	<20	274	0.02	<10	18	<10	17	40
87	23637	5	<0.2	1.60	<5	35	<5	1.26	<1	12	67	2	2.54	<10	1.11	576	<1	0.05	5	1170	4	15	<20	58	0.10	<10	35	<10	17	43
88	23638	5	<0.2	0.53	<5	35	<5	5.28	<1	10	58	3	3.68	<10	1.06	922	3	0.02	3	1000	8	15	<20	383	0.01	<10	13	<10	8	35
89	23639	980	0.2	0.40	15	25	10	4.80	<1	12	75	4	3.87	<10	0.86	1094	4	0.02	3	1070	40	<5	<20	300	<0.01	<10	7	40	11	52
90	23640	220	0.8	0.56	10	50	<5	2.32	3	11	103	22	3.52	<10	0.33	926	4	0.01	3	900	424	<5	<20	105	<0.01	<10	12	<10	7	224

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
91	23641	5	0.2	0.93	5	35	<5	4.77	<1	11	65	25	3.58	<10	1.08	914	3	0.02	3	980	74	35	<20	374	0.02	<10	20	<10	12	64
92	23642	215	2.0	0.71	10	35	<5	3.78	17	13	55	243	3.85	<10	0.71	1022	2	0.02	4	1020	750	10	<20	250	0.01	<10	15	<10	6	2815
93	23643	95	0.6	0.51	10	30	<5	4.59	7	11	50	35	3.50	<10	0.86	1258	3	0.01	3	930	280	10	<20	266	<0.01	<10	9	<10	5	644
94	23644	5	<0.2	1.41	<5	45	5	1.29	<1	11	85	3	2.28	<10	0.99	530	<1	0.04	4	1000	8	10	<20	67	0.09	<10	33	<10	16	48
95	23645	60	0.6	1.02	10	45	<5	4.65	3	13	67	22	4.26	<10	0.57	1023	4	0.01	5	1060	90	<5	<20	119	<0.01	<10	10	<10	19	211
96	23646	5	0.2	1.69	<5	50	5	6.34	14	10	74	13	3.94	10	0.56	1065	3	0.01	3	910	10	<5	<20	73	<0.01	<10	6	<10	44	301
97	23647	25	2.6	0.64	5	30	<5	0.99	17	4	91	60	1.38	<10	0.12	507	<1	0.02	3	420	8506	<5	<20	26	<0.01	<10	2	<10	4	7530
98	23648	5	<0.2	0.57	<5	75	<5	6.10	39	<1	100	12	0.82	<10	0.16	664	2	0.02	<1	200	68	5	<20	187	<0.01	<10	1	<10	9	368
99	23649	5	0.8	0.39	<5	20	<5	2.56	16	1	76	25	0.62	<10	0.09	462	1	0.01	1	270	530	<5	<20	38	<0.01	<10	2	<10	10	840
100	23650	910	1.0	1.36	15	65	<5	2.80	25	11	98	36	3.92	10	0.72	1162	3	0.01	4	1020	128	<5	<20	43	0.01	<10	23	<10	23	622
101	23651	5	<0.2	1.50	<5	45	<5	1.55	<1	12	75	7	2.58	<10	1.08	561	<1	0.04	4	1000	16	15	<20	62	0.11	<10	40	<10	17	76
102	23652	5	0.6	1.24	5	35	<5	2.98	7	12	82	61	2.95	<10	1.06	940	<1	0.03	4	980	222	10	<20	187	0.07	<10	30	<10	17	626
103	23653	970	3.2	0.40	15	60	<5	1.39	30	12	106	238	4.20	<10	0.11	2169	3	0.01	5	860	1166	<5	<20	47	<0.01	<10	8	<10	3	5164
104	23654	5	<0.2	1.37	<5	35	5	1.75	<1	11	73	10	2.44	<10	1.08	595	<1	0.03	4	970	14	15	<20	95	0.08	<10	32	<10	16	69
105	23655	35	0.6	1.19	5	50	<5	2.60	<1	11	98	111	2.83	<10	0.73	742	1	0.03	6	950	90	10	<20	59	0.06	<10	26	<10	16	58
106	23656	5	<0.2	1.46	<5	45	<5	1.64	<1	11	76	2	2.41	<10	1.09	542	<1	0.03	4	960	8	15	<20	73	0.10	<10	34	<10	15	43
107	23657	810	2.2	0.58	20	55	<5	3.72	19	10	101	65	3.75	<10	0.66	2013	3	0.01	4	820	1152	5	<20	195	0.01	<10	10	<10	4	1457
108	23658	5	<0.2	1.24	5	40	<5	2.64	<1	12	70	10	2.64	<10	1.03	715	<1	0.03	4	960	20	15	<20	150	0.09	<10	31	<10	21	53
109	23659	5	<0.2	1.32	<5	40	5	1.71	<1	11	79	7	2.30	<10	0.94	521	<1	0.04	3	980	8	10	<20	72	0.10	<10	32	<10	20	44
110	23660	200	<0.2	0.89	10	30	<5	3.45	12	9	76	47	2.33	<10	0.73	1012	1	0.02	3	760	106	10	<20	206	0.03	<10	17	<10	14	1075
111	23661	5	<0.2	1.59	<5	210	<5	3.39	<1	9	94	3	2.99	<10	0.99	647	2	0.03	4	940	4	15	<20	107	0.03	<10	29	<10	32	69
112	23662	590	3.2	0.55	5	130	<5	6.37	1	10	88	22	3.27	<10	0.93	1398	4	0.01	3	820	158	10	<20	321	<0.01	<10	8	<10	30	112
113	23663	5	<0.2	1.51	5	60	5	2.47	<1	12	68	4	2.67	<10	1.14	629	2	0.02	3	1030	10	15	<20	105	0.08	<10	33	<10	17	44
114	23664	10	<0.2	1.48	<5	40	<5	2.83	<1	12	62	19	3.07	<10	1.09	705	3	0.03	4	1050	16	15	<20	118	0.06	<10	32	<10	16	62
115	23665	475	0.6	1.02	<5	40	<5	3.43	36	12	90	54	3.22	<10	1.06	809	3	0.02	3	940	348	10	<20	204	0.04	<10	22	<10	10	2628
116	23666	>1000	4.0	0.81	25	40	<5	3.52	6	11	65	77	3.44	<10	1.00	1226	4	0.02	2	890	2546	10	<20	185	0.03	<10	18	<10	6	524
117	23667	50	0.6	0.66	5	30	<5	4.57	2	10	86	25	3.64	<10	1.13	1216	5	0.02	3	850	240	15	<20	299	0.02	<10	16	<10	9	213
118	23668	5	<0.2	1.54	<5	45	<5	2.09	<1	12	66	2	2.66	<10	1.17	607	2	0.03	3	990	10	15	<20	93	0.09	<10	32	<10	16	47
119	23669	5	<0.2	0.99	<5	30	<5	3.49	3	11	53	9	2.75	<10	0.94	712	2	0.02	2	890	86	15	<20	189	0.05	<10	21	<10	17	297
120	23670	615	0.8	0.81	10	30	<5	4.14	5	12	67	38	3.54	<10	1.09	1256	4	0.01	3	970	270	15	<20	230	0.03	<10	17	<10	12	434
121	23671	140	3.0	0.65	15	25	<5	5.09	3	10	82	29	3.66	<10	0.85	1287	6	0.01	3	770	1208	10	<20	228	<0.01	<10	11	<10	15	213
122	23672	420	0.6	1.16	10	70	<5	3.49	7	11	82	52	3.29	<10	1.09	932	5	0.02	4	970	384	10	<20	190	0.04	<10	25	<10	18	543
123	23673	5	0.4	0.86	<5	35	<5	4.97	<1	11	97	6	3.77	<10	1.05	884	5	0.02	2	910	230	10	<20	254	0.01	<10	14	<10	17	120
124	23674	15	0.2	0.38	<5	30	<5	4.84	<1	10	59	8	3.58	<10	1.06	1057	5	0.02	2	890	58	10	<20	356	<0.01	<10	7	<10	4	68
125	23675	5	<0.2	0.82	<5	30	<5	4.23	<1	10	48	2	3.15	<10	1.06	800	3	0.02	2	870	8	15	<20	310	0.03	<10	19	<10	10	45

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
126	23676	10	<0.2	0.86	<5	40	<5	4.94	<1	10	63	3	3.12	<10	0.94	809	4	0.02	3	930	16	15	<20	265	0.02	<10	15	<10	21	37
127	23677	90	0.4	0.86	5	25	<5	5.01	<1	11	53	4	3.76	<10	1.02	1036	4	0.02	2	970	42	10	<20	274	<0.01	<10	17	<10	10	38
128	23678	5	<0.2	0.69	<5	45	<5	4.63	<1	10	67	3	3.20	<10	0.93	786	5	0.02	2	980	6	10	<20	292	0.02	<10	14	<10	13	25
129	23679	220	0.4	0.63	10	110	<5	1.55	9	11	78	13	3.94	20	0.21	1285	6	0.01	4	1030	60	<5	<20	14	<0.01	<10	13	<10	16	579
130	23680	875	1.2	0.33	<5	50	<5	2.52	7	10	100	98	3.46	<10	0.26	775	7	0.01	3	710	944	<5	<20	85	<0.01	<10	12	<10	2	798
131	23681	5	2.4	0.79	<5	65	<5	3.27	8	10	92	33	3.54	10	0.54	933	5	0.02	3	920	258	<5	<20	138	<0.01	<10	10	<10	15	815
132	23682	5	<0.2	0.86	<5	55	<5	3.14	8	10	82	8	3.00	<10	0.58	765	5	0.02	3	960	72	5	<20	140	0.02	<10	16	<10	20	475
133	23683	5	<0.2	1.66	<5	65	5	3.51	<1	13	66	3	3.47	<10	1.16	771	2	0.04	3	990	24	15	<20	199	0.09	<10	46	<10	15	79
134	23684	50	<0.2	1.28	<5	45	<5	2.62	<1	12	52	28	2.91	<10	1.07	737	2	0.03	3	950	14	10	<20	168	0.08	<10	32	<10	14	80
135	23685	95	<0.2	0.90	<5	50	10	4.82	2	14	118	8	4.86	<10	0.73	1294	6	0.02	4	920	76	<5	<20	219	0.03	<10	42	<10	7	163
136	23686	5	<0.2	1.47	<5	45	<5	2.68	<1	11	90	3	2.52	<10	0.97	615	3	0.03	3	1030	20	10	<20	86	0.07	<10	29	<10	22	92
137	23687	5	<0.2	0.82	5	70	<5	3.35	<1	12	90	10	3.56	<10	0.49	916	5	0.02	4	1050	12	<5	<20	120	0.02	<10	17	<10	14	66
138	23688	5	<0.2	1.40	<5	45	<5	1.46	<1	11	80	4	2.37	<10	1.05	555	2	0.03	3	1000	12	10	<20	67	0.09	<10	33	<10	18	56
139	23689	770	0.6	0.59	15	40	<5	3.79	9	11	119	28	4.02	<10	0.89	1692	8	0.01	4	950	124	10	<20	230	0.01	<10	15	<10	5	801
140	23690	5	<0.2	1.38	<5	35	5	4.92	<1	12	71	3	3.23	<10	0.91	802	4	0.02	4	980	16	10	<20	146	0.04	<10	24	<10	30	50
141	23691	>1000	0.8	0.62	<5	35	<5	4.46	4	10	85	14	3.42	<10	1.02	1002	5	0.02	3	980	176	10	<20	366	0.01	<10	12	<10	8	287
142	23692	5	<0.2	0.65	<5	45	<5	4.50	<1	10	82	4	3.12	<10	0.61	763	6	0.02	3	870	12	10	<20	197	<0.01	<10	11	<10	17	26
143	23693	20	<0.2	0.74	5	30	5	5.44	<1	10	92	11	3.94	<10	1.11	1365	6	0.02	3	960	14	15	<20	399	<0.01	<10	10	<10	11	47
144	23694	>1000	0.8	0.81	5	25	<5	3.95	26	9	75	69	2.80	<10	0.58	1003	4	0.02	3	810	626	5	<20	139	0.02	<10	16	<10	17	2003
145	23695	>1000	2.0	0.49	5	40	<5	3.39	62	19	122	184	4.33	<10	0.56	1123	4	0.02	4	650	410	<5	<20	283	<0.01	<10	10	<10	<1	5780
146	23696	5	<0.2	1.36	<5	40	<5	1.79	<1	11	99	3	2.24	<10	0.93	537	3	0.04	4	970	10	20	<20	73	0.09	<10	32	<10	21	50
147	23697	5	<0.2	1.23	<5	35	5	2.16	<1	10	81	2	2.30	<10	0.93	568	3	0.03	4	1010	6	15	<20	111	0.07	<10	28	<10	15	43
148	23698	10	<0.2	1.06	<5	45	<5	3.88	<1	10	86	2	2.83	<10	0.91	708	5	0.02	3	900	6	10	<20	205	0.05	<10	22	<10	22	37
149	23699	10	<0.2	1.25	<5	40	<5	3.19	<1	10	67	3	2.61	<10	0.91	628	2	0.02	2	950	8	10	<20	146	0.06	<10	26	<10	22	42

QC DATA:

Resplit:

1	23551	100	0.4	1.24	5	65	<5	3.40	3	10	70	10	2.79	<10	0.71	907	3	0.02	3	880	132	10	<20	116	0.02	<10	23	<10	26	225
36	23586	170	0.6	0.72	5	55	<5	3.10	10	9	94	32	3.14	10	0.24	931	3	0.02	4	920	196	<5	<20	55	<0.01	<10	12	<10	18	1189
71	23621	155	0.4	0.95	15	40	<5	3.37	2	9	59	7	2.81	<10	0.88	955	2	0.02	3	850	398	10	<20	193	0.04	<10	18	<10	11	230
106	23656	5	<0.2	1.38	<5	35	<5	1.61	<1	11	66	3	2.35	<10	1.06	534	<1	0.03	4	980	12	10	<20	64	0.10	<10	32	<10	18	48

APPENDIX III

ANALYTICAL RESULTS - SOIL GEOCHEMISTRY

10-Sep-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 97-909

BLUEBIRD MINERALS LTD.
1401-500 4TH AVENUE S.W
CALGARY, AB
T2P 2V6

ATTENTION: TOM GORKOFF

No. of samples received: 1172
Sample type: Soil
PROJECT #: North Forty
SHIPMENT #: Not given
Samples submitted by: Ken Murray

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L33+50E 38+ 00N	5	<0.2	1.47	<5	70	5	0.21	<1	6	9	<1	2.02	<10	0.31	214	<1	0.02	6	310	22	5	<20	19	0.15	<10	33	<10	12	37
2	L33+50E 38+ 25N	<5	<0.2	2.25	5	45	10	0.15	<1	6	7	3	2.11	<10	0.20	268	<1	0.02	5	630	74	<5	<20	7	0.10	<10	32	<10	23	52
3	L33+50E 38+ 50N	<5	<0.2	1.78	10	45	10	0.15	<1	7	7	3	2.09	<10	0.20	576	<1	0.02	4	580	92	<5	<20	4	0.15	<10	35	<10	12	127
4	L33+50E 38+ 75N	<5	<0.2	1.85	10	30	<5	0.06	<1	5	5	<1	2.00	<10	0.09	126	<1	0.01	2	370	24	<5	<20	3	0.15	<10	36	<10	2	30
5	L33+50E 39+ 00N	<5	0.2	1.11	5	40	<5	0.12	<1	3	4	<1	1.12	<10	0.09	86	<1	0.01	2	550	30	<5	<20	10	0.11	<10	21	<10	10	32
6	L33+50E 39+ 25N	<5	<0.2	2.61	5	35	10	0.09	<1	5	6	<1	2.00	<10	0.12	222	<1	0.01	1	390	22	<5	<20	5	0.13	<10	31	<10	4	32
7	L33+50E 39+ 50N	<5	<0.2	0.85	<5	40	5	0.12	<1	4	5	<1	1.67	<10	0.14	78	<1	0.01	3	220	18	<5	<20	13	0.13	<10	29	<10	3	30
8	L33+50E 39+ 75N	<5	<0.2	0.81	5	30	5	0.09	<1	4	4	<1	1.17	<10	0.13	133	<1	0.01	2	250	26	<5	<20	4	0.13	<10	24	<10	4	21
9	L33+50E 40+ 00N	<5	<0.2	2.07	5	30	5	0.13	<1	5	6	<1	1.96	<10	0.15	154	<1	0.01	3	520	20	<5	<20	6	0.12	<10	29	<10	5	27
10	L33+50E 40+ 25N	<5	<0.2	2.40	10	35	5	0.14	<1	5	7	<1	1.60	<10	0.17	173	<1	0.02	8	730	28	<5	<20	13	0.09	<10	31	<10	12	41
11	L33+50E 40+ 50N	<5	<0.2	2.95	10	25	<5	0.11	<1	4	5	3	0.77	<10	0.15	62	<1	0.02	6	530	58	5	<20	7	0.10	<10	18	<10	19	40
12	L33+50E 40+ 75N	<5	<0.2	2.03	10	65	5	0.13	<1	16	8	3	2.92	<10	0.23	589	<1	0.02	6	500	48	<5	<20	8	0.16	<10	49	<10	17	72
13	L33+50E 41+ 00N	<5	<0.2	3.18	10	75	5	0.19	<1	11	10	4	2.89	<10	0.36	696	<1	0.02	7	590	258	<5	<20	14	0.17	<10	51	<10	36	170
14	L33+50E 41+ 25N	5	<0.2	2.91	10	115	10	0.17	<1	10	9	2	2.75	<10	0.32	630	<1	0.02	7	640	54	<5	<20	11	0.17	<10	41	<10	2	192
15	L33+50E 41+ 50N	5	<0.2	2.61	10	55	5	0.16	<1	8	10	<1	2.58	<10	0.40	287	<1	0.02	6	920	48	<5	<20	5	0.14	<10	39	<10	4	95
16	L33+50E 41+ 75N	20	<0.2	3.60	10	85	10	0.25	<1	9	12	<1	2.86	<10	0.45	346	<1	0.02	8	1400	36	5	<20	14	0.16	<10	41	<10	3	90
17	L33+50E 42+ 00N	10	<0.2	2.46	<5	80	10	0.13	<1	9	11	<1	2.92	<10	0.30	303	<1	0.02	6	530	30	<5	<20	9	0.19	<10	48	<10	1	63
18	L33+50E 42+ 25N	5	<0.2	3.26	10	75	5	0.13	<1	8	11	2	2.79	<10	0.34	236	<1	0.02	7	690	28	<5	<20	8	0.16	<10	42	<10	4	60
19	L33+50E 42+ 50N	<5	<0.2	2.05	10	65	10	0.15	<1	7	10	<1	2.77	<10	0.27	205	<1	0.02	7	400	28	<5	<20	8	0.18	<10	46	<10	<1	47
20	L33+50E 42+ 75N	5	<0.2	3.07	15	60	10	0.13	<1	8	12	2	3.29	<10	0.28	239	<1	0.02	7	1400	34	<5	<20	8	0.19	10	44	<10	<1	63
21	L33+50E 43+ 00N	10	<0.2	1.25	<5	45	10	0.12	<1	7	8	<1	2.54	<10	0.23	119	<1	0.01	3	360	30	<5	<20	9	0.22	<10	57	<10	2	40
22	L33+50E 43+ 25N	15	<0.2	1.95	5	75	10	0.17	<1	9	12	2	3.43	<10	0.34	206	<1	0.02	7	630	74	5	<20	14	0.17	<10	49	<10	6	65
23	L33+50E 43+ 50N	5	<0.2	3.60	10	180	<5	0.25	<1	13	39	8	4.03	<10	0.79	339	<1	0.02	30	1720	50	<5	<20	22	0.23	<10	59	<10	5	123
24	L33+50E 43+ 75N	20	<0.2	1.95	<5	95	5	0.18	<1	8	14	<1	3.47	<10	0.46	212	<1	0.02	9	640	76	5	<20	16	0.17	<10	50	<10	<1	84
25	L33+50E 44+ 00N	5	<0.2	2.80	5	60	15	0.10	<1	8	13	5	4.26	<10	0.16	91	<1	0.01	6	580	118	<5	<20	6	0.23	10	59	<10	<1	58
26	L33+50E 44+ 25N	<5	<0.2	2.14	5	60	15	0.09	<1	8	11	<1	3.59	<10	0.25	124	<1	0.01	5	480	108	<5	<20	6	0.19	10	59	<10	<1	78
27	L33+50E 44+ 50N	5	<0.2	3.09	15	50	10	0.13	<1	8	8	2	2.67	<10	0.31	167	<1	0.01	6	1040	38	<5	<20	8	0.15	<10	37	<10	10	65
28	L33+50E 44+ 75N	5	<0.2	2.18	10	50	5	0.10	<1	9	7	5	3.40	<10	0.15	114	<1	0.02	5	590	46	<5	<20	7	0.25	<10	44	<10	13	57
29	L33+50E 45+ 00N	<5	<0.2	4.05	15	45	<5	0.08	<1	7	9	4	2.91	<10	0.20	114	<1	0.02	6	540	58	<5	<20	5	0.18	<10	40	<10	8	68

BLUEBIRD MINERALS LTD.

ICP CERTIFICATE OF ANALYSIS AK 97-909

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
30	L33+50E 45+ 25N	<5	<0.2	3.40	10	55	5	0.26	<1	8	10	<1	2.50	<10	0.53	248	<1	0.02	7	930	40	10	<20	14	0.11	<10	35	<10	15	67
31	L33+50E 45+ 50N	<5	<0.2	0.63	<5	30	5	0.08	<1	4	4	<1	1.25	<10	0.08	55	<1	0.01	1	150	20	<5	<20	3	0.13	<10	35	<10	3	27
32	L33+50E 45+ 75N	15	<0.2	1.16	5	35	5	0.10	<1	6	5	<1	2.07	<10	0.14	99	<1	0.01	3	320	40	<5	<20	5	0.17	<10	42	<10	5	39
33	L33+50E 46+ 00N	<5	<0.2	1.10	5	45	10	0.12	<1	7	7	<1	2.95	<10	0.22	109	<1	0.01	4	290	30	5	<20	9	0.21	<10	55	<10	<1	43
34	L33+50E 46+ 25N	35	<0.2	1.68	5	50	15	0.12	<1	7	8	<1	3.48	<10	0.23	117	<1	0.01	5	570	34	<5	<20	7	0.21	<10	58	<10	2	61
35	L33+50E 46+ 50N	5	<0.2	1.88	15	40	10	0.10	<1	9	8	5	3.33	<10	0.17	100	<1	0.02	8	660	36	<5	<20	6	0.20	<10	43	<10	4	46
36	L33+50E 46+ 75N	<5	<0.2	1.56	<5	40	5	0.06	<1	4	5	6	1.55	<10	0.08	35	<1	0.01	<1	230	34	<5	<20	7	0.11	10	28	10	5	20
37	L33+50E 47+ 00N	5	<0.2	1.19	<5	65	10	0.18	<1	8	8	7	3.00	<10	0.24	211	<1	0.01	2	460	46	<5	<20	11	0.22	<10	62	<10	<1	48
38	L33+50E 47+ 25N	<5	<0.2	1.77	10	50	10	0.07	<1	7	7	11	2.50	<10	0.15	91	<1	0.03	2	430	40	<5	<20	6	0.15	<10	39	<10	<1	34
39	L33+50E 47+ 50N	115	<0.2	3.06	15	50	5	0.13	<1	9	12	20	4.12	<10	0.31	197	<1	0.03	4	1000	206	<5	<20	8	0.18	<10	61	<10	<1	123
40	L33+50E 47+ 75N	<5	<0.2	2.31	15	50	10	0.08	<1	8	9	9	3.77	<10	0.21	111	<1	0.02	1	570	76	<5	<20	5	0.19	<10	60	<10	<1	77
41	L33+50E 48+ 00N	<5	<0.2	1.71	<5	45	10	0.10	<1	6	6	7	2.22	<10	0.19	114	<1	0.03	<1	350	38	<5	<20	9	0.15	<10	38	<10	<1	45
42	L33+50E 48+ 25N	<5	<0.2	2.68	5	50	<5	0.09	<1	6	4	19	1.17	<10	0.06	144	<1	0.02	1	1080	36	<5	<20	8	0.03	<10	16	<10	14	56
43	L33+50E 48+ 50N	10	<0.2	2.59	10	35	5	0.12	<1	6	9	10	2.38	<10	0.29	137	<1	0.02	1	870	26	<5	<20	7	0.12	<10	39	20	3	42
44	L33+50E 48+ 75N	<5	<0.2	4.38	20	40	<5	0.07	<1	7	9	12	2.91	<10	0.20	102	<1	0.03	2	810	24	<5	<20	5	0.16	<10	45	<10	3	39
45	L33+50E 49+ 00N	35	<0.2	1.94	10	55	10	0.09	<1	7	10	8	3.74	<10	0.20	163	<1	0.03	3	460	40	<5	<20	5	0.13	<10	54	10	<1	67
46	L33+50E 49+ 25N	<5	<0.2	1.71	10	70	<5	0.15	<1	5	4	18	1.76	<10	0.14	258	2	0.03	3	1930	34	<5	<20	11	0.01	<10	19	<10	5	60
47	L33+50E 49+ 50N	<5	<0.2	3.95	20	55	<5	0.11	<1	8	15	12	3.06	<10	0.33	169	<1	0.03	4	1460	54	<5	<20	7	0.14	<10	49	<10	2	79
48	L33+50E 49+ 75N	<5	<0.2	3.20	20	80	5	0.45	1	35	10	10	3.28	<10	0.18	1161	<1	0.03	3	1220	40	<5	<20	23	0.13	<10	47	<10	14	189
49	L33+50E 50+ 00N	<5	<0.2	3.78	10	80	10	0.20	<1	12	20	14	3.70	<10	0.58	313	<1	0.03	10	1480	60	<5	<20	12	0.15	<10	52	<10	4	192
50	L33+50E 50+ 25N	15	<0.2	2.98	10	55	10	0.14	<1	7	12	10	3.46	<10	0.22	109	<1	0.03	3	490	24	<5	<20	8	0.16	<10	53	<10	<1	65
51	L33+50E 50+ 50N	<5	<0.2	1.08	10	30	10	0.07	<1	5	5	6	2.13	<10	0.10	60	<1	0.01	<1	860	24	<5	<20	2	0.16	<10	41	20	<1	29
52	L33+50E 50+ 75N	<5	<0.2	2.44	15	60	10	0.10	<1	14	7	12	2.78	<10	0.15	346	2	0.02	<1	1410	22	<5	<20	7	0.03	<10	28	<10	11	55
53	L33+50E 51+ 00N	<5	<0.2	0.97	5	55	10	0.07	<1	6	6	7	1.98	<10	0.13	96	<1	0.02	<1	330	22	<5	<20	4	0.16	<10	37	<10	<1	39
54	L33+50E 51+ 25N	<5	<0.2	1.36	10	60	5	0.20	<1	4	5	9	1.62	<10	0.16	102	<1	0.02	<1	940	20	<5	<20	16	0.08	<10	26	<10	<1	50
55	L33+50E 51+ 50N	5	<0.2	4.99	15	35	10	0.06	<1	8	9	11	3.81	<10	0.22	104	<1	0.03	2	1390	22	<5	<20	5	0.21	<10	55	<10	<1	34
56	L33+50E 51+ 75N	<5	<0.2	0.42	<5	20	<5	0.09	<1	2	3	3	0.54	<10	0.04	66	<1	0.01	<1	240	34	<5	<20	4	0.11	<10	19	<10	<1	30
57	L33+50E 52+ 00N	<5	<0.2	4.24	10	50	10	0.06	<1	8	14	14	3.93	<10	0.22	197	<1	0.02	3	2240	24	<5	<20	3	0.18	<10	58	<10	<1	42
58	L33+50E 52+ 25N	<5	<0.2	3.13	15	45	15	0.06	<1	11	9	15	4.05	<10	0.19	123	<1	0.03	5	2020	36	<5	<20	<1	0.23	<10	46	40	2	39
59	L33+50E 52+ 50N	<5	<0.2	2.11	5	55	10	0.05	<1	8	8	12	3.51	<10	0.14	83	<1	0.03	2	800	164	<5	<20	4	0.23	<10	59	10	2	39
60	L33+50E 52+ 75N	<5	<0.2	2.56	10	70	15	0.16	<1	11	9	9	4.01	<10	0.47	490	<1	0.03	60	1150	24	<5	<20	9	0.20	<10	49	<10	<1	65
61	L33+50E 53+ 00N	<5	<0.2	3.37	25	70	10	0.14	<1	10	13	11	3.30	<10	0.47	246	<1	0.01	8	800	34	15	<20	6	0.13	<10	49	20	<1	84
62	L33+50E 53+ 25N	<5	<0.2	4.23	20	45	10	0.09	<1	7	11	11	3.56	<10	0.17	144	<1	0.03	2	1310	28	<5	<20	3	0.17	<10	51	<10	<1	52
63	L33+50E 53+ 50N	<5	<0.2	3.74	20	50	5	0.06	<1	8	7	12	2.31	<10	0.14	178	<1	0.02	2	1040	24	<5	<20	2	0.17	<10	37	30	<1	39
64	L33+50E 53+ 75N	<5	<0.2	4.14	10	55	5	0.07	<1	7	8	13	2.83	<10	0.15	109	<1	0.03	3	1030	28	<5	<20	6	0.17	<10	44	<10	7	48
65	L33+50E 54+ 00N	<5	<0.2	2.38	15	45	5	0.08	<1	7	5	11	2.35	<10	0.09	90	<1	0.03	<1	760	26	<5	<20	5	0.17	<10	36	10	13	25
66	L34E 38+ 00N	25	<0.2	2.72	10	50	10	0.10	<1	7	11	9	2.39	<10	0.27	169	<1	0.01	<1	380	32	<5	<20	8	0.10	<10	44	<10	11	41
67	L34E 38+ 25N	5	<0.2	0.90	<5	30	<5	0.08	<1	3	4	4	0.86	<10	0.09	49	<1	0.01	<1	280	30	<5	<20	5	0.13	<10	20	<10	2	23
68	L34E 38+ 50N	<5	<0.2	0.78	<5	35	5	0.07	<1	4	4	4	1.25	<10	0.10	46	<1	0.01	<1	200	26	<5	<20	5	0.16	<10	28	<10	1	21

Et #.	Tag #			Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
69	L34E	38+	75N	<5	0.8	1.41	5	35	<5	0.15	<1	3	3	7	0.70	20	0.10	156	<1	0.02	<1	950	76	<5	<20	11	0.03	<10	14	<10	33	48
70	L34E	39+	00N	<5	<0.2	2.12	5	40	<5	0.09	<1	3	5	10	1.22	10	0.12	105	<1	0.01	<1	660	74	<5	<20	7	0.05	<10	24	<10	21	28
71	L34E	39+	25N	<5	<0.2	1.47	<5	70	<5	0.21	<1	4	4	6	1.81	<10	0.13	253	<1	0.01	<1	440	26	<5	<20	16	0.12	<10	32	<10	<1	35
72	L34E	39+	50N	<5	0.4	1.25	<5	45	<5	0.15	<1	6	4	7	1.23	<10	0.16	302	<1	0.02	<1	640	28	<5	<20	15	0.07	<10	23	<10	6	32
73	L34E	39+	75N	<5	<0.2	1.86	5	45	5	0.18	<1	6	6	9	2.07	<10	0.24	229	<1	0.03	<1	650	24	<5	<20	12	0.11	<10	32	<10	<1	38
74	L34E	40+	00N	<5	<0.2	2.57	10	45	10	0.08	<1	5	7	8	1.98	<10	0.18	203	<1	0.02	2	690	22	<5	<20	6	0.09	<10	37	<10	13	47
75	L34E	40+	25N	<5	<0.2	1.67	5	55	10	0.10	<1	7	8	8	2.52	<10	0.20	489	<1	0.02	1	540	28	5	<20	6	0.17	<10	44	<10	<1	68
76	L34E	40+	50N	<5	<0.2	1.41	5	70	5	0.24	<1	7	8	7	3.19	<10	0.28	193	<1	0.02	2	420	38	<5	<20	14	0.17	<10	48	<10	<1	79
77	L34E	40+	75N	<5	<0.2	1.80	10	90	10	0.26	<1	12	9	9	3.47	<10	0.30	563	<1	0.02	3	620	96	<5	<20	21	0.18	<10	55	<10	10	108
78	L34E	41+	00N	<5	<0.2	2.43	15	60	10	0.13	<1	8	9	10	2.70	<10	0.24	505	<1	0.01	2	1030	32	<5	<20	7	0.16	<10	44	20	<1	72
79	L34E	41+	25N	<5	<0.2	1.34	10	40	5	0.06	<1	7	6	7	2.85	<10	0.12	130	<1	0.01	<1	640	26	<5	<20	2	0.21	<10	51	<10	<1	35
80	L34E	41+	50N	<5	<0.2	2.07	15	75	5	0.34	<1	9	9	10	2.29	<10	0.33	390	<1	0.02	4	970	38	5	<20	19	0.14	<10	38	10	2	106
81	L34E	41+	75N	15	<0.2	2.33	10	105	10	0.51	<1	7	9	14	2.60	<10	0.29	577	<1	0.02	3	2210	82	<5	<20	28	0.13	<10	40	<10	<1	164
82	L34E	42+	00N	<5	<0.2	4.08	20	130	<5	0.16	<1	11	13	13	2.84	<10	0.26	537	<1	0.02	8	3050	74	<5	<20	9	0.17	<10	39	<10	3	238
83	L34E	42+	25N	20	<0.2	3.16	20	190	10	0.25	<1	13	22	12	3.41	<10	0.60	798	<1	0.03	17	2850	66	5	<20	21	0.21	<10	48	10	10	134
84	L34E	42+	50N	<5	<0.2	2.63	5	515	15	0.63	<1	21	55	22	4.43	20	1.66	1947	<1	0.04	65	3320	38	15	<20	94	0.35	<10	71	<10	6	126
85	L34E	42+	75N	20	<0.2	3.54	15	130	5	0.11	<1	11	11	10	3.64	<10	0.28	332	<1	0.02	7	690	50	<5	<20	7	0.24	<10	56	<10	<1	86
86	L34E	43+	00N	35	<0.2	3.21	10	80	5	0.13	<1	10	13	10	2.87	<10	0.35	530	<1	0.01	8	870	44	<5	<20	9	0.18	<10	47	<10	<1	97
87	L34E	43+	25N	5	<0.2	3.91	15	90	10	0.18	<1	9	19	9	3.57	<10	0.35	193	<1	0.01	8	810	54	<5	<20	12	0.17	<10	47	20	<1	91
88	L34E	43+	50N	15	<0.2	3.45	15	70	10	0.06	<1	10	9	14	3.29	<10	0.17	256	<1	0.02	4	760	48	<5	<20	3	0.19	<10	53	20	6	64
89	L34E	43+	75N	<5	<0.2	4.32	20	60	10	0.08	<1	10	13	11	4.77	<10	0.23	220	<1	0.01	4	890	36	<5	<20	4	0.22	<10	70	20	<1	70
90	L34E	44+	00N	10	<0.2	2.94	5	50	10	0.09	<1	7	10	9	4.00	<10	0.12	64	<1	0.02	1	520	38	<5	<20	5	0.17	10	77	10	<1	45
91	L34E	44+	25N	10	<0.2	4.69	20	40	10	0.08	<1	6	10	9	3.78	<10	0.12	67	<1	0.02	<1	800	38	<5	<20	5	0.15	<10	58	<10	<1	41
92	L34E	44+	50N	105	<0.2	2.81	15	45	10	0.10	<1	7	9	11	3.54	<10	0.23	125	<1	0.01	1	530	148	<5	<20	5	0.15	<10	52	20	<1	74
93	L34E	44+	75N	<5	<0.2	2.34	10	55	15	0.10	<1	10	9	13	4.38	<10	0.23	187	<1	0.02	4	640	48	<5	<20	5	0.21	<10	59	10	2	56
94	L34E	45+	00N	15	<0.2	2.32	15	55	10	0.08	<1	10	8	13	4.35	<10	0.20	181	<1	0.02	2	640	48	<5	<20	4	0.20	<10	57	<10	3	53
95	L34E	45+	25N	10	<0.2	2.63	20	60	15	0.08	<1	10	12	11	5.54	<10	0.21	164	<1	0.03	3	650	48	<5	<20	4	0.26	<10	86	<10	<1	77
96	L34E	45+	50N	10	<0.2	1.63	10	50	15	0.11	<1	10	9	9	4.26	<10	0.33	181	<1	0.01	2	590	40	<5	<20	7	0.26	<10	79	<10	<1	60
97	L34E	45+	75N	<5	<0.2	4.68	20	35	10	0.06	<1	6	7	11	2.58	<10	0.12	79	<1	0.02	<1	860	100	<5	<20	6	0.17	<10	40	<10	4	44
98	L34E	46+	00N	<5	<0.2	2.97	10	50	5	0.09	<1	8	9	9	3.62	<10	0.16	96	<1	0.01	2	320	32	<5	<20	7	0.20	<10	54	<10	<1	55
99	L34E	46+	25N	<5	<0.2	4.49	15	60	10	0.06	<1	7	12	9	4.24	<10	0.16	87	<1	0.01	2	640	30	<5	<20	4	0.18	10	61	<10	<1	43
100	L34E	46+	50N	<5	<0.2	1.47	<5	55	5	0.08	<1	4	5	7	1.56	<10	0.13	76	<1	0.01	<1	440	26	<5	<20	8	0.10	<10	28	<10	2	40
101	L34E	46+	75N	<5	<0.2	3.65	15	40	10	0.09	<1	12	13	19	3.87	<10	0.14	112	<1	0.02	11	1030	30	<5	<20	6	0.25	<10	75	<10	4	38
102	L34E	47+	00N	10	<0.2	1.58	10	45	10	0.12	<1	10	9	7	4.59	<10	0.34	213	<1	0.01	3	530	26	<5	<20	7	0.23	<10	95	20	<1	55
103	L34E	47+	25N	<5	<0.2	1.41	<5	40	<5	0.09	<1	3	4	7	1.38	<10	0.10	52	<1	0.01	<1	390	20	<5	<20	6	0.09	<10	22	<10	<1	32
104	L34E	47+	50N	<5	<0.2	3.57	15	35	10	0.07	<1	6	9	10	3.36	<10	0.15	83	<1	0.01	<1	720	32	<5	<20	4	0.15	<10	54	<10	<1	41
105	L34E	47+	75N	<5	<0.2	1.88	10	35	<5	0.03	<1	3	4	8	0.92	<10	0.06	45	<1	0.01	<1	710	84	<5	<20	1	0.08	<10	19	<10	2	34
106	L34E	48+	00N	5	<0.2	1.66	<5	40	<5	0.07	<1	5	5	8	2.23	<10	0.11	86	<1	0.01	<1	510	30	<5	<20	8	0.12	<10	36	<10	<1	49
107	L34E	48+	25N	<5	<0.2	2.17	15	35	10	0.08	<1	5	5	7	2.03	<10	0.09	99	<1	0.02	<1	430	24	<5	<20	4	0.15	<10	37	<10	<1	27

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
108	L34E 48+ 50N	<5	<0.2	2.31	10	30	5	0.07	<1	5	4	7	2.05	<10	0.08	69	<1	0.03	<1	430	22	<5	<70	3	0.15	<10	37	10	<1	34
109	L34E 48+ 75N	<5	<0.2	3.38	15	45	10	0.11	<1	7	8	10	3.24	<10	0.23	149	<1	0.02	2	1380	28	<5	<20	6	0.14	<10	44	<10	<1	57
110	L34E 49+ 00N	5	<0.2	1.11	10	25	10	0.15	<1	9	3	4	2.52	<10	0.42	187	<1	0.02	<1	320	18	<5	<20	9	0.26	<10	64	<10	<1	39
111	L34E 49+ 25N	5	<0.2	1.59	<5	35	10	0.08	<1	8	6	7	3.32	<10	0.20	96	<1	0.01	<1	460	20	<5	<20	5	0.22	<10	70	<10	<1	38
112	L34E 49+ 50N	5	<0.2	4.17	15	45	5	0.08	<1	7	9	11	3.06	<10	0.23	113	<1	0.02	3	880	70	<5	<20	5	0.15	<10	52	<10	6	58
113	L34E 49+ 75N	5	<0.2	2.08	5	90	<5	0.10	<1	5	7	22	2.64	<10	0.10	82	<1	0.02	2	930	142	<5	<20	8	0.06	<10	45	<10	7	38
114	L34E 50+ 00N	5	<0.2	2.88	15	35	5	0.05	<1	6	6	11	2.50	<10	0.07	56	<1	0.02	<1	2140	24	<5	<20	3	0.17	<10	35	10	3	22
115	L34E 50+ 25N	15	<0.2	2.61	15	375	15	0.11	<1	30	87	26	4.43	<10	2.29	382	<1	0.02	28	430	44	5	<20	15	0.48	<10	103	10	10	93
116	L34E 50+ 50N	5	<0.2	2.22	15	70	15	0.09	<1	12	11	16	5.44	<10	0.24	134	<1	0.01	4	1400	28	<5	<20	5	0.33	<10	75	<10	<1	61
117	L34E 50+ 75N	10	<0.2	0.92	10	35	10	0.10	<1	8	5	5	2.75	<10	0.26	136	<1	0.02	<1	500	18	<5	<20	7	0.26	<10	64	<10	<1	34
118	L34E 51+ 00N	5	<0.2	1.44	5	50	15	0.11	<1	12	7	8	4.58	<10	0.33	183	<1	0.01	2	580	24	<5	<20	9	0.35	<10	101	<10	<1	51
119	L34E 51+ 25N	<5	<0.2	0.73	<5	30	5	0.13	<1	5	5	3	1.43	<10	0.21	107	<1	0.01	<1	390	18	<5	<20	10	0.15	<10	33	<10	<1	24
120	L34E 51+ 50N	<5	<0.2	2.60	<5	40	10	0.07	<1	8	13	8	3.51	<10	0.25	124	<1	0.03	1	660	24	<5	<20	7	0.21	<10	61	<10	<1	45
121	L34E 51+ 75E	<5	<0.2	0.49	<5	25	<5	0.07	<1	3	3	2	0.80	<10	0.09	53	<1	0.01	<1	130	18	<5	<20	3	0.14	<10	26	<10	3	18
122	L34E 52+ 00E	<5	<0.2	3.51	15	40	10	0.05	<1	6	8	11	3.32	<10	0.07	42	<1	0.02	<1	550	26	<5	<20	3	0.19	<10	60	<10	<1	23
123	L34E 52+ 25E	5	<0.2	3.04	15	45	10	0.06	<1	9	8	12	3.89	<10	0.18	94	<1	0.03	2	670	28	<5	<20	2	0.23	<10	59	10	<1	42
124	L34E 52+ 50E	<5	<0.2	2.78	10	75	5	0.05	<1	13	9	21	2.89	<10	0.15	219	<1	0.01	1	2000	40	<5	<20	4	0.14	<10	46	10	2	41
125	L34E 52+ 75E	<5	<0.2	3.40	10	50	10	0.08	<1	8	11	12	3.28	<10	0.22	139	<1	0.02	3	1200	30	<5	<20	5	0.15	<10	48	<10	<1	61
126	L34E 53+ 00E	<5	<0.2	3.44	15	55	10	0.08	2	7	9	12	3.10	<10	0.14	145	2	0.02	10	1160	30	10	<20	6	0.08	<10	46	<10	<1	46
127	L34E 53+ 25E	<5	<0.2	3.24	10	45	5	0.07	1	7	13	11	3.18	<10	0.30	133	1	0.02	9	1260	24	10	<20	7	0.08	<10	49	<10	<1	48
128	L34E 53+ 50E	5	<0.2	4.87	20	45	10	0.06	<1	9	9	14	3.16	<10	0.24	204	<1	0.02	4	1760	28	<5	<20	5	0.17	<10	49	10	1	55
129	L34E 53+ 75E	<5	<0.2	3.47	15	40	10	0.06	<1	8	10	11	3.45	<10	0.22	234	<1	0.01	3	2550	24	<5	<20	4	0.18	<10	54	<10	<1	49
130	L34E 54+ 00E	5	<0.2	2.61	15	30	10	0.05	<1	6	6	7	2.24	<10	0.10	153	<1	0.01	<1	950	24	<5	<20	1	0.17	<10	41	<10	<1	28
131	L34+50E 38+ 00N	10	<0.2	2.47	15	95	<5	0.16	4	5	9	7	3.08	<10	0.26	123	2	0.02	18	310	12	10	<20	31	0.02	<10	40	<10	<1	32
132	L34+50E 38+ 25N	<5	<0.2	1.06	5	30	<5	0.08	<1	5	4	5	2.01	<10	0.11	70	<1	0.01	<1	290	22	<5	<20	5	0.14	<10	31	<10	<1	22
133	L34+50E 38+ 50N	5	<0.2	1.84	10	30	5	0.07	<1	6	5	6	2.28	<10	0.10	75	<1	0.01	<1	370	24	<5	<20	4	0.14	<10	35	10	6	31
134	L34+50E 38+ 75N	<5	<0.2	3.43	10	40	5	0.13	<1	5	6	9	2.00	<10	0.18	128	<1	0.02	1	760	56	<5	<20	7	0.10	<10	25	10	30	47
135	L34+50E 39+ 00N	10	<0.2	1.85	10	60	5	0.18	<1	5	6	8	1.72	<10	0.15	104	<1	0.03	<1	460	48	<5	<20	13	0.14	<10	30	10	12	62
136	L34+50E 39+ 25N	5	<0.2	1.50	5	55	10	0.15	<1	6	7	8	1.93	<10	0.21	137	<1	0.02	2	470	52	<5	<20	11	0.14	<10	32	<10	11	66
137	L34+50E 39+ 50N	10	<0.2	2.07	10	30	5	0.07	<1	3	3	4	0.62	<10	0.07	24	<1	0.01	<1	370	48	<5	<20	5	0.12	<10	12	<10	15	28
138	L34+50E 39+ 75N	15	<0.2	2.03	<5	55	5	0.23	<1	5	6	7	1.32	<10	0.20	205	<1	0.02	<1	670	42	<5	<20	21	0.08	<10	23	<10	16	52
139	L34+50E 40+ 00N	10	<0.2	1.67	<5	35	5	0.05	<1	5	6	6	2.60	<10	0.10	64	<1	0.02	<1	230	22	<5	<20	4	0.17	<10	48	10	<1	32
140	L34+50E 40+ 25N	<5	<0.2	2.24	5	50	5	0.17	<1	5	6	6	1.67	<10	0.17	67	<1	0.02	<1	430	40	<5	<20	14	0.11	<10	30	<10	13	46
141	L34+50E 40+ 50N	<5	<0.2	1.99	<5	60	10	0.17	<1	7	6	7	2.63	<10	0.18	142	<1	0.02	1	330	46	<5	<20	18	0.18	<10	39	<10	22	56
142	L34+50E 40+ 75N	<5	<0.2	2.54	10	70	5	0.19	<1	8	8	10	2.40	<10	0.30	364	<1	0.03	4	570	86	5	<20	14	0.14	<10	43	<10	20	99
143	L34+50E 41+ 00N	<5	<0.2	2.51	10	90	10	0.22	<1	8	8	10	2.42	<10	0.27	224	<1	0.02	3	430	78	<5	<20	18	0.17	<10	41	<10	18	101
144	L34+50E 41+ 25N	<5	<0.2	3.70	15	105	10	0.20	1	11	12	14	3.05	<10	0.36	240	<1	0.03	6	680	132	<5	<20	12	0.19	<10	49	<10	21	211
145	L34+50E 41+ 50N	<5	<0.2	2.63	10	80	10	0.22	<1	10	9	7	2.64	<10	0.39	327	<1	0.02	3	740	38	10	<20	12	0.16	<10	41	<10	<1	131
146	L34+50E 41+ 75N	<5	<0.2	2.65	15	135	10	0.19	<1	10	11	11	2.90	<10	0.36	511	<1	0.02	6	1590	46	<5	<20	10	0.17	<10	47	<10	<1	143

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
147	L34+50E 42+ 00N	<5	<0.2	3.10	15	150	10	0.43	<1	13	19	13	3.01	<10	0.64	514	<1	0.02	15	2340	126	<5	<20	26	0.19	<10	40	<10	11	278
148	L34+50E 42+ 25N	<5	<0.2	2.37	10	70	10	0.23	<1	10	10	9	2.61	<10	0.46	773	<1	0.02	3	1330	38	<5	<20	11	0.12	<10	42	10	5	117
149	L34+50E 42+ 50N	<5	<0.2	3.29	15	140	10	0.13	<1	10	13	16	2.90	<10	0.31	711	<1	0.02	6	1730	46	<5	<20	5	0.21	<10	46	10	5	168
150	L34+50E 42+ 75N	<5	<0.2	2.92	15	115	10	0.35	<1	13	12	10	3.20	<10	0.47	1356	<1	0.03	8	1310	52	<5	<20	16	0.18	<10	48	<10	3	127
151	L34+50E 43+ 00N	<5	<0.2	2.66	10	135	10	0.28	<1	18	12	10	3.83	<10	0.56	755	<1	0.02	8	800	36	<5	<20	17	0.26	<10	60	<10	<1	137
152	L34+50E 43+ 25N	<5	<0.2	2.21	<5	65	15	0.11	<1	9	8	9	3.50	<10	0.20	261	<1	0.02	2	490	24	<5	<20	5	0.20	<10	59	10	<1	51
153	L34+50E 43+ 50N	5	<0.2	2.06	15	65	10	0.17	<1	9	10	7	3.48	<10	0.36	258	<1	0.03	3	660	30	<5	<20	7	0.19	<10	58	10	<1	83
154	L34+50E 43+ 75N	<5	<0.2	3.37	20	75	5	0.11	<1	9	9	9	3.01	<10	0.23	387	<1	0.03	4	790	40	<5	<20	5	0.17	<10	49	10	2	74
155	L34+50E 44+ 00N	<5	<0.2	2.35	15	60	10	0.13	<1	9	9	9	3.05	<10	0.33	810	<1	0.02	3	1310	32	<5	<20	8	0.16	<10	50	<10	<1	78
156	L34+50E 44+ 25N	<5	<0.2	2.64	10	60	15	0.05	<1	7	8	14	2.47	<10	0.14	122	<1	0.01	<1	880	70	<5	<20	2	0.16	<10	44	<10	3	41
157	L34+50E 44+ 50N	5	<0.2	2.70	10	55	5	0.05	<1	7	8	14	2.39	<10	0.13	113	<1	0.01	1	690	76	<5	<20	3	0.15	<10	42	<10	4	41
158	L34+50E 44+ 75N	<5	<0.2	3.94	15	45	10	0.11	<1	8	10	10	3.19	<10	0.25	172	<1	0.02	2	720	60	<5	<20	6	0.16	<10	48	<10	<1	79
159	L34+50E 45+ 00N	<5	<0.2	0.56	<5	85	<5	0.16	<1	4	2	3	0.90	<10	0.19	148	<1	0.03	<1	300	18	<5	<20	10	0.08	<10	22	<10	2	40
160	L34+50E 45+ 25N	<5	<0.2	4.87	15	35	10	0.06	<1	6	7	10	2.71	<10	0.12	198	<1	0.03	<1	670	54	<5	<20	1	0.16	<10	37	10	5	67
161	L34+50E 45+ 50N	<5	<0.2	4.38	15	40	15	0.06	<1	8	8	14	4.30	<10	0.09	74	<1	0.03	1	900	32	<5	<20	4	0.23	<10	55	<10	9	41
162	L34+50E 45+ 75N	<5	<0.2	1.75	10	30	10	0.10	<1	6	6	7	2.29	<10	0.16	103	<1	0.02	<1	390	36	<5	<20	5	0.14	<10	45	10	5	46
163	L34+50E 46+ 00N	<5	<0.2	2.41	5	65	10	0.08	<1	8	9	19	3.45	<10	0.28	118	<1	0.01	4	1110	34	<5	<20	6	0.15	<10	45	10	1	58
164	L34+50E 46+ 25N	5	<0.2	0.41	<5	20	<5	0.04	<1	3	2	2	0.46	<10	0.04	28	<1	0.01	<1	140	22	<5	<20	2	0.12	<10	22	<10	4	11
165	L34+50E 46+ 50N	<5	<0.2	0.49	<5	30	<5	0.11	<1	3	2	3	0.86	<10	0.11	79	<1	0.03	<1	360	22	<5	<20	4	0.04	<10	20	<10	<1	34
166	L34+50E 46+ 75N	<5	<0.2	2.80	10	25	10	0.07	<1	9	9	16	4.09	<10	0.11	106	<1	0.03	5	1040	22	<5	<20	3	0.15	<10	57	10	3	32
167	L34+50E 47+ 00N	<5	<0.2	2.44	10	35	10	0.07	<1	7	6	11	3.25	<10	0.12	86	<1	0.03	1	1040	28	<5	<20	2	0.18	<10	45	<10	4	37
168	L34+50E 47+ 25N	<5	<0.2	2.07	10	35	10	0.11	<1	7	8	8	3.32	<10	0.27	150	<1	0.03	2	780	66	<5	<20	5	0.15	<10	48	<10	<1	71
169	L34+50E 47+ 50N	5	<0.2	3.02	10	45	10	0.06	<1	10	9	14	3.72	<10	0.19	83	<1	0.02	5	630	38	<5	<20	2	0.25	<10	55	10	7	35
170	L34+50E 47+ 75N	<5	<0.2	1.54	10	30	10	0.13	<1	8	8	8	3.25	<10	0.25	126	<1	0.01	1	610	36	<5	<20	7	0.21	<10	62	10	<1	50
171	L34+50E 48+ 00N	<5	<0.2	1.02	<5	40	10	0.15	<1	7	6	5	2.26	<10	0.29	142	<1	0.03	<1	370	22	<5	<20	11	0.20	<10	54	<10	3	47
172	L34+50E 48+ 25N	<5	<0.2	4.60	20	30	10	0.06	<1	7	6	13	2.65	<10	0.11	100	<1	0.03	1	1060	36	<5	<20	3	0.19	<10	39	10	10	33
173	L34+50E 48+ 50N	<5	<0.2	4.39	20	45	15	0.07	<1	8	10	13	3.82	<10	0.16	112	<1	0.03	2	1400	34	<5	<20	3	0.21	<10	56	10	5	49
174	L34+50E 48+ 75N	5	<0.2	0.47	<5	50	<5	0.11	<1	2	3	6	0.69	<10	0.05	53	<1	0.01	<1	250	58	<5	<20	7	0.05	<10	21	<10	2	39
175	L34+50E 49+ 00N	<5	<0.2	2.61	15	55	10	0.05	<1	8	7	17	2.90	<10	0.12	122	<1	0.01	2	1470	36	<5	<20	3	0.13	<10	41	10	7	49
176	L34+50E 49+ 25N	<5	<0.2	1.12	<5	45	15	0.06	<1	8	6	11	3.75	<10	0.05	60	<1	0.03	3	910	24	<5	<20	5	0.34	<10	87	<10	<1	44
177	L34+50E 49+ 50N	<5	<0.2	3.59	5	55	10	0.13	<1	9	13	11	3.66	<10	0.46	202	<1	0.02	7	860	24	<5	<20	8	0.15	<10	59	<10	<1	67
178	L34+50E 49+ 75N	<5	<0.2	0.52	<5	40	<5	0.13	<1	2	3	5	0.52	<10	0.07	50	<1	0.01	<1	280	38	<5	<20	4	0.06	<10	15	<10	2	34
179	L34+50E 50+ 00N	<5	<0.2	1.32	15	45	10	0.08	<1	8	8	9	3.30	<10	0.15	161	<1	0.01	4	810	26	<5	<20	2	0.25	<10	70	<10	3	47
180	L34+50E 50+ 25N	<5	<0.2	2.42	10	50	5	0.11	<1	8	8	10	2.45	<10	0.29	216	<1	0.01	4	1110	28	<5	<20	5	0.18	<10	43	<10	5	71
181	L34+50E 50+ 50N	5	<0.2	0.97	5	95	<5	0.13	<1	7	7	7	2.11	<10	0.28	344	<1	0.01	3	440	26	5	<20	8	0.19	<10	46	<10	3	55
182	L34+50E 50+ 75N	5	<0.2	1.91	5	65	10	0.07	<1	8	8	12	2.52	<10	0.17	717	<1	0.03	4	1320	22	<5	<20	2	0.15	<10	42	<10	<1	51
183	L34+50E 51+ 00N	<5	<0.2	1.73	10	70	10	0.09	<1	8	9	11	3.46	<10	0.12	195	<1	0.02	5	1350	22	<5	<20	2	0.22	<10	58	<10	<1	53
184	L34+50E 51+ 25N	<5	<0.2	1.72	10	70	10	0.08	<1	8	8	11	3.29	<10	0.21	465	<1	0.02	5	1280	22	<5	<20	<1	0.16	<10	56	<10	<1	58
185	L34+50E 51+ 50N	<5	<0.2	3.48	20	55	10	0.10	<1	8	7	9	3.30	<10	0.15	176	<1	0.03	4	2100	24	<5	<20	5	0.22	<10	62	<10	9	47

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
186	L34+50E 51+ 75N	<5	<0.2	2.05	10	90	<5	0.12	<1	7	9	12	2.66	<10	0.26	1030	<1	0.02	5	1120	22	<5	<20	7	0.15	<10	44	<10	<1	61
187	L34+50E 52+ 00N	<5	<0.2	1.30	<5	50	10	0.07	<1	8	9	8	2.97	<10	0.26	151	<1	0.01	3	860	28	<5	<20	3	0.72	<10	64	<10	<1	38
188	L34+50E 52+ 25N	5	<0.2	1.83	10	65	<5	0.09	<1	5	4	25	1.21	<10	0.08	144	<1	0.02	4	1580	28	<5	<20	5	0.04	<10	16	<10	12	48
189	L34+50E 52+ 50N	<5	<0.2	1.49	10	75	5	0.06	<1	9	10	15	3.31	<10	0.70	167	<1	0.01	7	770	32	<5	<20	2	0.21	<10	48	<10	6	48
190	L34+50E 52+ 75N	<5	<0.2	2.79	15	50	10	0.09	<1	8	15	10	3.82	<10	0.14	119	<1	0.02	4	870	22	<5	<20	5	0.21	<10	59	<10	<1	47
191	L34+50E 53+ 00N	<5	<0.2	2.97	15	65	10	0.05	<1	9	9	17	2.43	<10	0.14	151	<1	0.02	5	1390	46	<5	<20	<1	0.17	<10	44	<10	9	43
192	L34+50E 53+ 25N	5	<0.2	1.63	<5	70	<5	0.05	<1	10	8	19	2.36	<10	0.15	252	<1	0.02	6	730	36	<5	<20	1	0.13	<10	35	<10	7	43
193	L34+50E 53+ 50N	<5	<0.2	4.70	15	40	10	0.04	<1	7	11	12	5.01	<10	0.06	44	<1	0.03	2	2050	22	<5	<20	1	0.21	10	65	<10	<1	20
194	L34+50E 53+ 75N	<5	<0.2	2.19	10	55	10	0.07	<1	9	10	12	5.60	<10	0.13	169	<1	0.02	5	2460	30	<5	<20	2	0.25	<10	74	<10	<1	37
195	L34+50E 54+ 00N	<5	<0.2	3.52	15	55	5	0.06	<1	8	11	19	3.41	<10	0.21	138	<1	0.03	6	1100	24	<5	<20	4	0.15	<10	47	<10	13	45
196	L35E 38+ 00N	<5	<0.2	1.96	<5	70	10	0.14	<1	7	6	13	4.74	<10	0.09	58	<1	0.02	2	350	24	<5	<20	11	0.21	<10	53	<10	<1	49
197	L35E 38+ 25N	<5	0.4	4.92	15	20	5	0.05	<1	4	5	12	1.90	<10	0.04	31	<1	0.02	2	520	22	<5	<20	4	0.11	<10	21	<10	11	31
198	L35E 38+ 50N	<5	<0.2	2.59	10	30	<5	0.08	<1	4	5	8	1.79	<10	0.11	44	<1	0.02	1	360	42	<5	<20	6	0.11	<10	23	<10	19	32
199	L35E 38+ 75N	<5	<0.2	1.43	10	45	<5	0.11	<1	5	6	9	1.82	<10	0.16	76	<1	0.02	4	280	40	<5	<20	8	0.14	<10	28	<10	14	41
200	L35E 39+ 00N	-	0.2	1.09	<5	60	<5	0.32	1	2	3	4	0.65	10	0.08	69	<1	0.02	<1	770	28	<5	<20	24	0.02	<10	10	<10	23	55
201	L35E 39+ 25N	<5	<0.2	1.15	<5	50	5	0.12	<1	4	5	6	1.28	<10	0.16	69	<1	0.02	3	360	32	<5	<20	12	0.12	<10	23	<10	6	37
202	L35E 39+ 50N	<5	<0.2	1.13	<5	40	5	0.08	<1	5	5	7	1.68	<10	0.12	80	<1	0.01	2	340	26	<5	<20	6	0.14	<10	28	<10	7	34
203	L35E 39+ 75N	<5	<0.2	1.60	10	50	10	0.07	<1	5	5	8	2.99	<10	0.06	43	<1	0.02	3	350	24	<5	<20	7	0.15	<10	34	<10	10	41
204	L35E 40+ 00N	-	0.2	2.00	5	35	<5	0.03	<1	2	4	11	1.46	<10	0.02	15	<1	0.02	2	640	22	<5	<20	3	0.02	<10	11	<10	17	41
205	L35E 40+ 25N	<5	<0.2	3.21	10	10	5	0.04	<1	3	3	8	1.30	<10	0.04	12	<1	0.02	<1	280	20	<5	<20	<1	0.14	<10	17	<10	29	12
206	L35E 40+ 50N	<5	<0.2	3.50	15	15	<5	0.05	<1	4	4	7	1.11	<10	0.05	14	<1	0.02	<1	300	22	<5	<20	<1	0.17	<10	26	<10	22	25
207	L35E 40+ 75N	5	<0.2	1.51	10	80	10	0.18	2	6	5	6	2.38	<10	0.12	137	<1	0.01	2	310	32	<5	<20	11	0.16	<10	39	<10	10	62
208	L35E 41+ 00N	<5	<0.2	1.99	5	60	<5	0.14	<1	4	6	9	1.59	<10	0.14	97	<1	0.01	3	360	32	<5	<20	10	0.12	<10	24	<10	22	45
209	L35E 41+ 25N	<5	<0.2	4.21	15	40	<5	0.05	<1	4	7	11	2.54	<10	0.05	53	<1	0.03	1	630	26	<5	<20	2	0.14	<10	32	<10	2	46
210	L35E 41+ 50N	<5	<0.2	4.38	15	65	<5	0.08	<1	9	9	12	2.70	<10	0.19	185	<1	0.02	5	940	34	<5	<20	6	0.17	<10	42	<10	16	81
211	L35E 41+ 75N	<5	<0.2	2.68	<5	155	5	0.11	<1	11	29	14	3.03	<10	0.40	575	<1	0.02	16	670	22	<5	<20	11	0.24	<10	48	<10	7	115
212	L35E 42+ 00N	<5	<0.2	2.89	10	155	5	0.29	<1	11	13	10	2.73	<10	0.57	623	<1	0.03	11	1300	34	5	<20	17	0.15	<10	44	<10	5	136
213	L35E 42+ 25N	5	<0.2	3.05	20	50	<5	0.22	<1	9	11	10	3.39	<10	0.49	293	<1	0.04	6	1630	38	<5	<20	8	0.12	<10	54	<10	4	75
214	L35E 42+ 50N	NO SAMPLE																												
215	L35E 42+ 75N	NO SAMPLE																												
216	L35E 43+ 00N	NO SAMPLE																												
217	L35E 43+ 25N	<5	<0.2	1.13	15	65	5	0.11	<1	5	6	7	1.63	<10	0.20	862	<1	0.02	3	710	62	<5	<20	5	0.10	<10	27	<10	2	65
218	L35E 43+ 50N	<5	<0.2	2.22	10	65	10	0.05	<1	7	6	11	2.62	<10	0.09	181	<1	0.02	4	450	32	<5	<20	2	0.19	<10	44	<10	8	49
219	L35E 43+ 75N	5	<0.2	2.42	10	50	5	0.09	<1	7	7	7	2.63	<10	0.25	168	<1	0.03	4	810	26	<5	<20	3	0.13	<10	43	<10	<1	65
220	L35E 44+ 00N	<5	<0.2	2.92	10	70	10	0.15	<1	10	9	9	2.91	<10	0.38	346	<1	0.02	8	640	32	<5	<20	7	0.16	<10	49	<10	3	77
221	L35E 44+ 25N	15	<0.2	2.38	10	60	5	0.10	<1	8	10	9	2.91	<10	0.36	178	<1	0.02	6	620	32	<5	<20	6	0.15	<10	49	<10	<1	62
222	L35E 44+ 50N	<5	<0.2	0.44	<5	20	5	0.08	<1	4	4	4	1.12	<10	0.07	76	<1	0.01	<1	160	12	<5	<20	2	0.14	<10	39	<10	3	28
223	L35E 44+ 75N	5	1.2	4.35	20	40	5	0.06	<1	7	9	19	3.18	<10	0.12	102	<1	0.03	4	920	126	<5	<20	2	0.18	<10	42	<10	<1	76
224	L35E 45+ 00N	<5	<0.2	0.61	<5	45	<5	0.13	<1	4	4	5	1.27	<10	0.16	126	<1	0.02	1	300	26	<5	<20	6	0.12	<10	43	<10	2	40
225	L35E 45+ 25N	<5	<0.2	2.63	10	40	5	0.06	<1	8	8	11	3.65	<10	0.22	184	<1	0.02	3	860	26	<5	<20	5	0.18	<10	60	<10	<1	36

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
226	L35E 45+ 50N	<5	<0.2	3.88	20	50	10	0.04	<1	6	7	12	2.55	<10	0.10	89	<1	0.03	3	860	24	<5	<20	<1	0.16	<10	40	<10	4	33
227	L35E 45+ 75N	<5	<0.2	4.12	15	65	<5	0.10	<1	11	17	18	3.33	<10	0.59	305	<1	0.02	13	1100	28	<5	<20	9	0.13	<10	56	<10	12	80
228	L35E 46+ 00N	<5	<0.2	0.68	<5	30	5	0.04	<1	5	4	6	1.89	<10	0.06	37	<1	0.01	2	240	22	5	<20	3	0.16	<10	55	<10	<1	18
229	L35E 46+ 25N	<5	0.4	4.22	15	60	10	0.05	5	9	13	10	6.50	<10	0.08	63	1	0.02	20	1370	24	5	<20	5	0.13	<10	112	<10	<1	24
230	L35E 46+ 50N	<5	<0.2	2.89	15	35	<5	0.04	<1	2	4	13	1.46	<10	0.06	48	<1	0.02	2	1580	26	<5	<20	4	0.03	<10	13	<10	7	40
231	L35E 46+ 75N	5	<0.2	1.30	10	35	10	0.07	<1	9	8	9	3.20	<10	0.24	116	<1	0.01	3	510	20	<5	<20	2	0.29	<10	86	<10	3	38
232	L35E 47+ 00N	<5	<0.2	2.65	20	40	15	0.10	<1	8	9	16	5.76	<10	0.06	66	<1	0.02	4	4590	24	<5	<20	2	0.24	<10	70	<10	<1	42
233	L35E 47+ 25N	<5	<0.2	0.71	<5	25	5	0.10	<1	4	2	3	1.10	<10	0.26	133	<1	0.02	<1	220	12	5	<20	5	0.11	<10	26	<10	1	27
234	L35E 47+ 50N	<5	<0.2	2.01	10	50	10	0.06	<1	11	9	11	5.27	<10	0.16	89	<1	0.02	3	830	30	<5	<20	3	0.37	<10	112	<10	<1	40
235	L35E 47+ 75N	<5	<0.2	2.19	10	50	<5	0.05	2	4	6	17	1.64	<10	0.05	31	2	0.02	7	1430	30	10	<20	5	0.05	<10	28	<10	1	26
236	L35E 48+ 00N	<5	1.0	0.47	10	70	<5	0.04	1	3	2	4	0.85	<10	0.06	36	1	0.01	4	120	24	5	<20	34	0.04	<10	32	<10	<1	18
237	L35E 48+ 25N	<5	<0.2	4.82	20	40	10	0.06	<1	6	8	10	2.86	<10	0.10	118	<1	0.02	3	1170	44	<5	<20	1	0.16	<10	39	<10	3	43
238	L35E 48+ 50N	<5	<0.2	2.20	5	55	10	0.07	<1	7	9	10	3.61	<10	0.24	114	<1	0.02	3	960	24	<5	<20	3	0.17	<10	56	<10	<1	42
239	L35E 48+ 75N	<5	<0.2	1.73	<5	90	10	0.09	<1	9	11	10	4.16	<10	0.32	260	<1	0.02	6	750	34	<5	<20	7	0.22	<10	61	<10	<1	77
240	L35E 49+ 00N	<5	<0.2	2.19	15	75	10	0.10	<1	10	11	9	3.82	<10	0.46	704	<1	0.01	6	870	26	<5	<20	4	0.22	<10	69	<10	<1	64
241	L35E 49+ 25N	<5	<0.2	2.82	10	75	10	0.09	<1	9	11	10	3.05	<10	0.33	408	<1	0.02	8	960	28	<5	<20	6	0.16	<10	49	<10	<1	80
242	L35E 49+ 50N	<5	<0.2	0.61	10	80	5	0.24	<1	4	6	6	1.32	<10	0.14	669	<1	0.02	2	500	68	<5	<20	12	0.10	<10	34	<10	<1	53
243	L35E 49+ 75N	<5	<0.2	1.74	10	80	5	0.11	<1	8	9	11	2.59	<10	0.30	903	<1	0.03	6	620	26	<5	<20	6	0.14	<10	44	<10	2	107
244	L35E 50+ 00N	5	<0.2	2.34	5	50	10	0.06	<1	10	6	18	3.91	<10	0.10	106	<1	0.02	6	630	60	<5	<20	2	0.28	<10	48	<10	26	45
245	L35E 50+ 25N	<5	1.8	0.39	<5	340	<5	1.14	3	1	8	5	0.57	<10	0.10	10000	<1	0.02	3	720	96	5	<20	41	0.06	<10	12	<10	2	204
246	L35E 50+ 50N	<5	<0.2	3.63	10	80	<5	0.08	2	7	7	12	2.47	<10	0.23	458	<1	0.02	5	1730	22	<5	<20	6	0.17	<10	39	<10	3	75
247	L35E 50+ 75N	<5	<0.2	4.79	10	40	5	0.06	2	6	6	12	2.27	<10	0.11	90	<1	0.03	2	1620	28	<5	<20	2	0.15	<10	34	10	6	55
248	L35E 51+ 00N	<5	<0.2	1.45	5	70	10	0.06	<1	7	7	7	2.87	<10	0.17	169	<1	0.01	1	1820	22	<5	<20	2	0.21	<10	49	<10	<1	39
249	L35E 51+ 25N	<5	1.4	3.48	15	105	<5	0.20	4	28	8	42	1.74	20	0.23	6238	<1	0.02	7	2460	38	<5	<20	10	0.06	<10	31	10	40	112
250	L35E 51+ 50N	5	<0.2	2.74	15	45	15	0.17	<1	13	9	7	4.85	<10	0.55	285	<1	0.02	2	630	22	<5	<20	7	0.28	<10	85	10	<1	68
251	L35E 51+ 75N	<5	<0.2	2.14	10	50	5	0.05	1	5	5	8	2.06	<10	0.08	119	<1	0.02	<1	1540	26	<5	<20	<1	0.17	<10	35	<10	1	29
252	L35E 52+ 00N	<5	<0.2	3.79	15	40	10	0.06	<1	6	7	11	2.93	<10	0.12	67	<1	0.02	2	1740	24	<5	<20	<1	0.17	<10	45	10	7	41
253	L35E 52+ 25N	<5	<0.2	1.90	10	90	5	0.07	<1	16	8	21	2.78	<10	0.19	522	<1	0.01	4	1470	38	<5	<20	3	0.19	<10	43	<10	8	52
254	L35E 52+ 50N	<5	<0.2	0.43	<5	35	<5	0.11	<1	2	1	4	0.55	<10	0.08	103	<1	0.01	<1	170	12	<5	<20	3	0.08	<10	17	<10	1	21
255	L35E 52+ 75N	<5	<0.2	2.36	10	65	5	0.06	1	11	8	18	3.99	<10	0.14	159	<1	0.02	4	1050	5	<5	<20	2	0.11	<10	49	<10	1	57
256	L35E 53+ 00N	<5	<0.2	3.29	15	45	10	0.06	<1	9	7	15	3.99	<10	0.15	116	<1	0.02	3	1630	32	<5	<20	2	0.22	<10	47	10	8	49
257	L35E 53+ 25N	<5	<0.2	3.62	15	45	5	0.05	<1	6	8	14	2.40	<10	0.10	67	<1	0.02	<1	680	26	<5	<20	<1	0.18	<10	39	<10	6	35
258	L35E 53+ 50N	<5	<0.2	3.24	15	50	5	0.05	1	6	6	13	2.06	<10	0.15	136	<1	0.02	2	1510	26	<5	<20	<1	0.16	<10	35	<10	9	33
259	L35E 53+ 75N	<5	<0.2	2.83	10	50	10	0.08	<1	7	7	12	3.70	<10	0.08	83	<1	0.03	1	1190	22	<5	<20	4	0.21	<10	54	<10	<1	35
260	L35E 54+ 00N	<5	<0.2	3.64	20	30	10	0.05	<1	6	5	12	3.27	<10	0.03	37	<1	0.02	<1	520	26	<5	<20	2	0.17	<10	30	<10	22	49
261	L35+50E 40+ 00N	5	<0.2	1.31	<5	45	10	0.09	1	8	5	9	3.97	<10	0.22	106	<1	0.02	<1	350	20	<5	<20	5	0.24	<10	61	<10	<1	30
262	L35+50E 40+ 25N	<5	<0.2	1.42	<5	35	<5	0.06	<1	4	2	10	1.81	<10	0.05	36	<1	0.02	<1	380	24	<5	<20	4	0.10	<10	20	<10	7	26
263	L35+50E 40+ 50N	<5	<0.2	2.96	10	45	10	0.07	1	7	7	11	3.77	<10	0.12	203	<1	0.02	<1	440	22	<5	<20	3	0.14	<10	42	10	8	38
264	L35+50E 40+ 75N	<5	<0.2	2.87	10	105	10	0.14	1	13	9	12	4.46	<10	0.28	454	<1	0.02	4	450	46	<5	<20	15	0.17	<10	68	<10	9	60

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
265	L35+50E 41+ 00N	5	<0.2	2.03	5	40	5	0.10	3	6	5	5	2.63	<10	0.15	90	<1	0.02	<1	320	22	<5	<20	3	0.15	<10	48	<10	<1	35
266	L35+50E 41+ 25N	<5	<0.2	1.40	5	45	10	0.08	<1	6	4	7	2.92	<10	0.10	67	<1	0.01	<1	210	26	<5	<20	3	0.20	<10	38	<10	5	36
267	L35+50E 41+ 50N	<5	0.4	3.01	20	55	5	0.12	3	6	8	8	3.45	<10	0.15	124	<1	0.02	2	980	28	<5	<20	4	0.15	<10	43	<10	<1	71
268	L35+50E 41+ 75N	<5	0.4	3.12	20	55	10	0.13	2	7	9	9	3.51	<10	0.17	130	<1	0.02	2	1060	28	<5	<20	5	0.16	<10	44	<10	<1	79
269	L35+50E 42+ 00N	5	0.2	2.81	5	50	<5	0.29	2	8	6	17	2.35	<10	0.23	451	<1	0.02	3	890	45	<5	<20	18	0.10	<10	37	10	34	74
270	L35+50E 42+ 25N	<5	<0.2	1.17	5	110	5	0.50	1	6	8	8	2.08	<10	0.31	313	<1	0.02	3	590	34	<5	<20	31	0.14	<10	34	<10	5	74
271	L35+50E 42+ 50N	<5	<0.2	2.86	15	75	5	0.09	1	9	7	14	2.78	<10	0.16	329	<1	0.03	2	2730	32	<5	<20	2	0.18	<10	33	10	12	88
272	L35+50E 42+ 75N	<5	<0.2	1.84	15	205	5	0.51	2	8	8	11	2.23	<10	0.52	1591	<1	0.03	4	1720	56	<5	<20	30	0.10	<10	34	<10	7	164
273	L35+50E 43+ 00N	<5	<0.2	4.18	20	140	<5	0.25	5	8	6	9	2.53	<10	0.25	287	<1	0.03	3	950	34	<5	<20	13	0.19	<10	38	<10	5	125
274	L35+50E 43+ 25N	<5	<0.2	3.59	20	150	5	0.12	1	12	9	18	2.96	<10	0.39	896	<1	0.03	7	1290	42	<5	<20	7	0.20	<10	45	<10	16	157
275	L35+50E 43+ 50N	5	0.2	1.58	15	100	5	0.26	5	11	7	8	2.06	10	0.44	2116	<1	0.03	3	910	126	5	<20	11	0.08	<10	33	<10	22	96
276	L35+50E 43+ 75N	<5	<0.2	2.50	10	115	5	0.15	<1	11	9	15	2.91	<10	0.50	633	<1	0.02	5	690	36	<5	<20	8	0.16	<10	48	<10	5	128
277	L35+50E 44+ 00N	<5	>30	0.95	515	<5	<5	0.04	<1	50	17	25	1.06	20	<0.01	254	2	0.02	10	<10	42	5	<20	<1	0.03	40	58	30	10	47
278	L35+50E 44+ 25N	<5	<0.2	2.47	15	45	10	0.14	3	9	8	7	2.83	<10	0.41	292	<1	0.03	4	780	28	<5	<20	7	0.14	<10	47	<10	2	63
279	L35+50E 44+ 50N	<5	<0.2	2.29	20	55	5	0.18	1	9	7	7	2.48	<10	0.51	415	<1	0.03	3	870	36	<5	<20	11	0.13	<10	44	<10	7	77
280	L35+50E 44+ 75N	5	0.2	2.44	5	135	<5	0.34	2	11	9	13	3.05	<10	0.50	2328	<1	0.03	5	1480	232	5	<20	35	0.12	<10	45	<10	3	282
281	L35+50E 45+ 00N	<5	<0.2	2.69	5	145	10	0.27	2	12	9	10	3.06	<10	0.49	1419	<1	0.02	5	1000	44	<5	<20	48	0.17	<10	49	<10	4	174
282	L35+50E 45+ 25N	<5	<0.2	4.20	20	55	10	0.16	1	11	8	8	3.28	<10	0.35	321	<1	0.02	5	900	34	<5	<20	7	0.19	<10	49	<10	3	100
283	L35+50E 45+ 50N	<5	<0.2	2.07	20	95	10	0.16	3	9	9	8	2.70	<10	0.45	698	<1	0.03	6	710	48	<5	<20	16	0.16	<10	47	<10	3	77
284	L35+50E 45+ 75N	<5	<0.2	3.59	10	105	10	0.21	1	12	9	11	3.31	<10	0.42	379	<1	0.03	6	1290	54	<5	<20	13	0.17	<10	51	<10	5	107
285	L35+50E 46+ 00N	<5	<0.2	1.84	10	65	5	0.21	1	15	7	6	2.92	<10	0.57	932	<1	0.03	4	610	22	<5	<20	17	0.15	<10	50	10	9	66
286	L35+50E 46+ 25N	NO SAMPLE																												
287	L35+50E 46+ 50N	NO SAMPLE																												
288	L35+50E 46+ 75N	<5	<0.2	1.37	10	75	10	0.14	1	8	8	7	3.38	<10	0.35	180	<1	0.02	2	300	22	<5	<20	8	0.17	<10	64	<10	<1	48
289	L35+50E 47+ 00N	<5	<0.2	1.18	<5	50	5	0.15	<1	7	4	5	2.12	<10	0.34	213	<1	0.02	<1	800	14	<5	<20	8	0.19	<10	41	<10	<1	44
290	L35+50E 47+ 25N	<5	<0.2	4.47	30	20	5	0.05	1	7	6	13	3.04	<10	0.06	40	<1	0.03	1	1550	32	<5	<20	<1	0.22	<10	43	10	6	29
291	L35+50E 47+ 50N	<5	<0.2	4.74	25	30	5	0.06	2	6	6	10	2.17	<10	0.09	74	<1	0.03	<1	1020	52	<5	<20	<1	0.16	<10	37	10	8	37
292	L35+50E 47+ 75N	<5	<0.2	1.38	10	50	10	0.10	6	9	7	6	2.89	<10	0.28	173	<1	0.02	3	480	42	<5	<20	3	0.19	<10	54	10	1	49
293	L35+50E 48+ 00N	<5	<0.2	0.61	5	30	5	0.09	3	6	4	6	1.77	<10	0.11	71	<1	0.02	<1	250	28	<5	<20	4	0.19	<10	56	10	5	37
294	L35+50E 48+ 25N	<5	<0.2	2.26	15	125	10	0.13	1	11	10	12	3.26	<10	0.34	809	<1	0.02	4	910	42	<5	<20	6	0.16	<10	53	<10	1	103
295	L35+50E 48+ 50N	<5	<0.2	2.99	15	55	5	0.18	2	9	9	21	2.69	<10	0.37	293	<1	0.03	5	2110	378	<5	<20	6	0.17	<10	39	<10	15	180
296	L35+50E 48+ 75N	5	<0.2	2.36	15	70	15	0.14	<1	10	9	10	3.58	<10	0.42	265	<1	0.03	5	1100	36	<5	<20	4	0.20	<10	51	10	2	76
297	L35+50E 49+ 00N	<5	<0.2	1.65	15	110	5	0.26	1	9	9	11	2.65	<10	0.47	799	<1	0.03	5	720	64	10	<20	15	0.13	<10	44	<10	<1	127
298	L35+50E 49+ 25N	<5	<0.2	1.13	10	140	5	0.19	<1	10	8	9	2.68	<10	0.38	1981	<1	0.03	2	530	24	<5	<20	11	0.20	<10	53	<10	<1	86
299	L35+50E 49+ 50N	<5	<0.2	1.53	10	55	10	0.08	<1	9	7	10	2.76	<10	0.20	787	<1	0.01	2	970	34	<5	<20	2	0.22	<10	50	10	7	54
300	L35+50E 49+ 75N	5	<0.2	0.57	<5	115	<5	0.36	<1	5	4	5	1.05	<10	0.18	1159	<1	0.02	<1	250	24	<5	<20	17	0.15	<10	24	<10	4	57
301	L35+50E 50+ 00N	<5	<0.2	1.89	15	110	10	0.36	<1	9	10	12	3.16	<10	0.24	743	<1	0.03	2	1600	36	10	<20	13	0.19	<10	47	<10	2	147
302	L35+50E 50+ 25N	<5	<0.2	3.45	20	55	10	0.06	1	7	6	11	2.59	<10	0.12	105	<1	0.03	2	1850	30	<5	<20	<1	0.20	<10	39	10	4	49
303	L35+50E 50+ 50N	<5	0.2	5.60	20	90	5	0.29	1	23	6	12	2.30	<10	0.27	1234	<1	0.03	4	2010	38	<5	<20	18	0.11	<10	37	<10	32	96

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
304	L35+50E 50+ 75N	<5	<0.2	1.48	<5	95	10	0.20	<1	10	15	9	4.02	<10	0.34	320	<1	0.02	3	800	22	<5	<20	15	0.29	<10	73	<10	<1	79
305	L35+50E 51+ 00N	5	<0.2	2.56	15	80	15	0.13	<1	9	9	8	3.53	<10	0.34	172	<1	0.03	4	690	22	<5	<20	5	0.22	<10	55	<10	<1	60
306	L35+50E 51+ 25N	<5	<0.2	1.66	10	65	10	0.14	<1	8	7	7	2.81	<10	0.26	177	<1	0.03	2	670	24	<5	<20	6	0.22	<10	52	<10	2	54
307	L35+50E 51+ 50N	<5	<0.2	3.23	10	90	<5	0.21	1	9	8	21	2.30	<10	0.35	338	<1	0.03	6	1640	28	<5	<20	14	0.10	<10	38	<10	22	75
308	L35+50E 51+ 75N	<5	<0.2	2.72	10	75	10	0.10	<1	11	10	18	4.13	<10	0.35	237	<1	0.02	6	1010	24	<5	<20	5	0.24	<10	58	<10	6	83
309	L35+50E 52+ 00N	<5	0.6	5.20	30	80	<5	0.10	2	22	7	30	2.06	10	0.18	757	<1	0.03	6	4660	64	5	<20	6	0.10	<10	32	10	29	61
310	L35+50E 52+ 25N	<5	<0.2	5.58	20	20	10	0.05	<1	6	5	12	2.28	<10	0.06	48	<1	0.02	<1	1500	32	<5	<20	<1	0.17	<10	31	10	16	24
311	L35+50E 52+ 50N	<5	<0.2	1.63	5	90	5	0.13	<1	20	6	16	1.87	<10	0.22	703	<1	0.03	3	800	26	<5	<20	8	0.08	<10	31	<10	15	68
312	L35+50E 52+ 75N	<5	<0.2	3.55	20	40	15	0.08	<1	9	6	11	3.48	<10	0.16	169	<1	0.03	1	1280	30	<5	<20	<1	0.23	<10	51	10	11	37
313	L35+50E 53+ 00N	<5	0.4	6.90	25	40	<5	0.04	<1	6	8	23	1.85	<10	0.07	83	<1	0.02	<1	2270	44	<5	<20	<1	0.09	<10	40	10	6	28
314	L35+50E 53+ 25N	<5	<0.2	0.74	10	25	10	0.04	<1	4	5	6	1.40	<10	0.06	65	<1	0.01	<1	710	30	<5	<20	<1	0.16	<10	31	10	4	22
315	L35+50E 53+ 50N	<5	<0.2	1.34	10	60	10	0.09	1	9	8	8	4.31	<10	0.17	292	<1	0.03	5	530	28	<5	<20	3	0.15	<10	54	<10	<1	66
316	L35+50E 53+ 75N	<5	<0.2	3.35	<5	60	10	0.07	<1	8	7	12	4.72	<10	0.07	70	<1	0.02	1	1210	24	<5	<20	5	0.26	<10	66	<10	8	41
317	L35+50E 54+ 00N	<5	<0.2	3.34	15	40	10	0.05	<1	7	7	16	2.77	<10	0.09	95	<1	0.02	1	850	30	<5	<20	<1	0.19	<10	46	10	7	40
318	L36E 40+ 00N	<5	<0.2	1.49	10	35	5	0.10	<1	5	5	7	2.03	<10	0.10	109	<1	0.02	<1	450	30	<5	<20	5	0.14	<10	35	<10	1	28
319	L36E 40+ 25N	<5	<0.2	2.84	10	50	10	0.13	<1	6	8	10	2.39	<10	0.13	117	<1	0.02	<1	450	22	<5	<20	12	0.13	<10	31	<10	19	41
320	L36E 40+ 50N	5	<0.2	0.75	5	60	<5	0.15	<1	4	4	5	0.99	<10	0.14	89	<1	0.01	<1	330	28	<5	<20	12	0.14	<10	22	<10	7	32
321	L36E 40+ 75N	<5	0.2	2.69	15	30	5	0.08	<1	5	5	9	2.17	<10	0.08	88	<1	0.01	<1	550	28	<5	<20	4	0.12	<10	28	<10	14	36
322	L36E 41+ 00N	<5	<0.2	1.92	5	50	<5	0.10	<1	14	6	7	1.51	<10	0.14	336	<1	0.02	<1	560	38	<5	<20	9	0.09	<10	27	<10	12	35
323	L36E 41+ 25N	<5	0.4	2.28	<5	50	10	0.13	1	8	4	9	3.15	<10	0.07	201	<1	0.02	<1	400	24	<5	<20	11	0.20	<10	43	<10	12	44
324	L36E 41+ 50N	<5	<0.2	1.18	5	50	10	0.22	2	8	3	8	2.74	<10	0.13	203	<1	0.02	<1	390	22	<5	<20	12	0.18	<10	41	<10	8	43
325	L36E 41+ 75N	<5	0.2	2.15	15	65	5	0.17	1	9	6	10	3.33	<10	0.14	360	<1	0.02	1	860	104	<5	<20	6	0.18	<10	46	10	9	124
326	L36E 42+ 00N	<5	0.4	2.28	<5	75	10	0.22	1	9	6	12	2.87	<10	0.20	216	<1	0.02	<1	720	64	<5	<20	16	0.15	<10	39	<10	23	160
327	L36E 42+ 25N	10	<0.2	1.68	5	45	<5	0.14	<1	4	4	6	1.89	<10	0.08	126	<1	0.01	<1	520	22	<5	<20	6	0.12	<10	32	10	1	49
328	L36E 42+ 50N	<5	<0.2	5.96	25	30	5	0.14	<1	6	4	12	2.13	<10	0.08	66	<1	0.02	<1	1370	56	<5	<20	6	0.18	<10	28	10	22	49
329	L36E 42+ 75N	<5	<0.2	1.17	5	125	5	0.22	<1	13	8	8	2.90	<10	0.32	744	<1	0.02	3	420	34	<5	<20	13	0.20	<10	59	<10	3	82
330	L36E 43+ 00N	<5	<0.2	2.34	10	115	10	0.33	<1	11	10	10	3.12	<10	0.47	1312	<1	0.02	5	820	42	5	<20	19	0.19	<10	49	<10	16	141
331	L36E 43+ 25N	<5	<0.2	2.52	15	90	5	0.17	<1	11	10	10	3.46	<10	0.48	432	<1	0.02	6	1320	30	<5	<20	9	0.20	<10	55	<10	2	139
332	L36E 43+ 50N	<5	<0.2	1.13	10	60	5	0.10	<1	7	7	7	2.23	<10	0.23	140	<1	0.01	2	290	24	<5	<20	6	0.16	<10	49	10	4	61
333	L36E 43+ 75N	<5	0.2	1.44	10	235	5	0.27	<1	9	10	9	2.47	<10	0.31	3608	<1	0.02	3	970	36	5	<20	12	0.16	<10	42	<10	4	110
334	L36E 44+ 00N	<5	<0.2	1.85	15	95	5	0.17	<1	9	8	9	2.31	<10	0.43	1179	<1	0.03	4	810	76	10	<20	10	0.12	<10	38	<10	6	111
335	L36E 44+ 25N	5	<0.2	2.86	20	55	5	0.40	<1	10	6	7	2.50	<10	0.59	315	<1	0.02	3	2070	162	10	<20	19	0.13	<10	40	<10	11	173
336	L36E 44+ 50N	<5	<0.2	1.81	15	90	<5	0.55	<1	11	10	18	2.67	<10	0.64	1189	<1	0.03	5	2300	92	10	<20	21	0.12	<10	46	<10	18	104
337	L36E 44+ 75N	NO SAMPLE																												
338	L36E 45+ 00N	<5	<0.2	2.39	10	180	10	0.35	<1	11	9	11	2.74	<10	0.52	1775	<1	0.02	4	1300	46	5	<20	23	0.15	<10	45	<10	6	168
339	L36E 45+ 25N	5	<0.2	1.54	10	145	<5	0.29	<1	8	7	9	2.25	<10	0.44	1129	<1	0.03	2	910	42	<5	<20	23	0.12	<10	38	<10	3	88
340	L36E 45+ 50N	<5	<0.2	2.68	15	90	10	0.24	<1	10	9	10	2.74	<10	0.57	440	<1	0.02	5	1080	22	10	<20	64	0.15	<10	47	<10	9	88
341	L36E 45+ 75N	<5	<0.2	1.20	<5	210	10	0.22	<1	9	5	7	2.02	<10	0.59	1477	<1	0.03	<1	510	74	10	<20	14	0.14	<10	38	10	7	68
342	L36E 46+ 00N	<5	<0.2	3.37	20	110	10	0.18	<1	13	11	13	3.16	<10	0.56	918	<1	0.02	6	1340	28	<5	<20	18	0.18	<10	51	<10	15	100

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
343	L36E 46+ 25N	<5	<0.2	1.36	<5	90	10	0.20	<1	11	8	9	2.89	<10	0.36	847	<1	0.02	3	490	28	<5	<20	12	0.17	<10	46	<10	2	83
344	L36E 46+ 50N	5	<0.2	2.00	10	85	10	0.15	<1	12	10	9	3.43	<10	0.47	398	<1	0.02	5	860	30	<5	<20	9	0.20	<10	56	<10	<1	98
345	L36E 46+ 75N	<5	<0.2	0.94	10	65	5	0.12	<1	6	5	5	1.81	<10	0.26	187	<1	0.01	<1	240	28	<5	<20	6	0.15	<10	41	10	3	44
346	L36E 47+ 00N	<5	<0.2	1.88	10	95	15	0.15	<1	10	8	8	3.64	<10	0.38	276	<1	0.02	3	1130	34	<5	<20	8	0.21	<10	57	10	3	62
347	L36E 47+ 25N	<5	<0.2	4.04	15	75	10	0.11	<1	9	9	13	3.23	<10	0.33	215	<1	0.03	4	1790	44	<5	<20	4	0.20	<10	56	10	5	90
348	L36E 47+ 50N	<5	<0.2	2.68	15	60	10	0.12	<1	10	10	9	3.29	<10	0.42	244	<1	0.01	4	780	30	<5	<20	6	0.19	<10	57	10	5	72
349	L36E 47+ 75N	<5	<0.2	2.41	10	60	10	0.12	<1	9	9	7	3.62	<10	0.32	152	<1	0.02	3	540	28	<5	<20	7	0.22	<10	62	<10	4	57
350	L36E 48+ 00N	<5	<0.2	3.43	20	85	10	0.14	<1	12	12	12	4.54	<10	0.53	295	<1	0.02	7	930	34	<5	<20	12	0.18	<10	59	10	4	116
351	L36E 48+ 25N	<5	<0.2	3.22	5	75	<5	0.26	<1	11	12	10	3.53	<10	0.67	371	<1	0.02	6	1870	52	<5	<20	18	0.17	<10	58	<10	2	101
352	L36E 48+ 50N	5	<0.2	3.07	20	75	10	0.19	<1	11	11	12	2.84	<10	0.54	546	<1	0.02	7	970	34	10	<20	9	0.16	<10	46	10	12	108
353	L36E 48+ 75N	<5	<0.2	4.42	20	70	10	0.09	<1	7	6	9	3.24	<10	0.13	93	<1	0.02	1	1100	26	<5	<20	5	0.21	<10	49	<10	8	46
354	L36E 49+ 00N	<5	<0.2	2.69	20	95	15	0.09	<1	9	9	8	3.54	<10	0.20	586	<1	0.02	2	1470	26	<5	<20	2	0.22	<10	56	10	5	70
355	L36E 49+ 25N	5	<0.2	1.92	5	115	10	0.16	<1	9	7	8	3.17	<10	0.34	384	<1	0.02	3	830	22	<5	<20	11	0.23	<10	55	<10	3	69
356	L36E 49+ 50N	<5	<0.2	1.68	10	130	10	0.36	<1	15	9	13	3.60	<10	0.44	1072	<1	0.02	4	820	32	5	<20	18	0.23	<10	60	<10	13	109
357	L36E 49+ 75N	<5	<0.2	0.97	<5	95	10	0.13	<1	7	7	9	2.15	<10	0.26	172	<1	0.01	2	450	26	<5	<20	7	0.21	<10	45	<10	7	62
358	L36E 50+ 00N	<5	<0.2	2.43	10	60	10	0.09	<1	9	7	9	2.97	<10	0.12	258	<1	0.02	<1	570	26	<5	<20	3	0.20	<10	45	10	7	64
359	L36E 50+ 25N	<5	<0.2	0.37	<5	110	<5	0.21	<1	3	3	5	0.64	<10	0.06	344	<1	0.01	<1	280	32	5	<20	10	0.11	<10	20	<10	5	29
360	L36E 50+ 50N	<5	<0.2	1.40	<5	60	5	0.08	<1	5	5	6	1.92	<10	0.18	109	<1	0.01	<1	610	16	<5	<20	8	0.13	<10	29	<10	<1	49
361	L36E 50+ 75N	<5	<0.2	2.17	10	85	5	0.12	<1	8	7	9	2.87	<10	0.18	287	<1	0.01	3	1240	22	<5	<20	4	0.20	<10	43	<10	4	56
362	L36E 51+ 00N	<5	<0.2	3.56	<5	105	15	0.36	<1	15	13	15	3.69	<10	0.53	1226	<1	0.02	9	1040	24	5	<20	22	0.21	<10	58	<10	31	92
363	L36E 51+ 25N	<5	<0.2	4.00	15	75	10	0.09	<1	8	7	9	3.41	<10	0.08	139	<1	0.02	<1	1250	26	<5	<20	4	0.22	<10	54	10	6	45
364	L36E 51+ 50N	5	<0.2	5.99	25	60	10	0.09	<1	35	8	24	2.83	10	0.13	617	<1	0.01	3	2740	46	<5	<20	2	0.11	<10	44	10	36	58
365	L36E 51+ 75N	<5	<0.2	4.27	20	55	10	0.10	<1	8	8	13	4.16	<10	0.16	137	<1	0.01	1	1420	34	<5	<20	4	0.20	<10	56	10	11	46
366	L36E 52+ 00N	<5	<0.2	1.15	<5	65	<5	0.11	<1	5	4	8	1.76	<10	0.08	96	<1	0.01	<1	420	22	<5	<20	10	0.13	<10	35	<10	11	38
367	L36E 52+ 25N	<5	<0.2	2.43	10	65	10	0.09	<1	11	8	15	3.31	<10	0.20	217	<1	0.02	4	1060	34	<5	<20	4	0.21	<10	46	<10	14	46
368	L36E 52+ 50N	<5	<0.2	4.89	15	25	10	0.06	<1	6	5	15	2.12	<10	0.08	60	<1	0.02	2	1290	26	<5	<20	4	0.17	<10	34	<10	26	23
369	L36E 52+ 75N	<5	<0.2	1.49	5	45	10	0.11	<1	7	5	9	2.22	<10	0.17	100	<1	0.01	<1	560	24	<5	<20	9	0.22	<10	46	10	9	28
370	L36E 53+ 00N	5	<0.2	4.34	15	50	10	0.04	<1	6	10	11	3.53	<10	0.10	62	<1	0.02	1	1510	28	<5	<20	2	0.17	<10	58	<10	2	39
371	L36E 53+ 25N	<5	<0.2	3.29	20	60	<5	0.06	<1	9	7	18	3.00	<10	0.12	140	<1	0.01	2	1300	32	<5	<20	<1	0.19	<10	48	<10	21	40
372	L36E 53+ 50N	<5	<0.2	1.40	5	30	5	0.13	<1	5	3	7	1.97	<10	0.08	168	<1	0.01	<1	750	22	<5	<20	5	0.15	<10	33	10	4	31
373	L36E 53+ 75N	<5	<0.2	4.41	20	35	10	0.06	<1	7	6	11	3.14	<10	0.05	111	<1	0.02	<1	1550	30	<5	<20	3	0.21	<10	43	10	14	32
374	L36E 54+ 00N	<5	0.2	5.43	20	35	10	0.05	<1	6	9	14	2.98	<10	0.10	75	<1	0.01	1	990	28	<5	<20	3	0.17	<10	38	<10	4	31
375	L37E 40+ 00N	<5	<0.2	1.81	20	110	<5	0.34	<1	8	14	9	3.07	<10	0.38	1127	<1	0.02	6	590	26	<5	<20	16	0.16	<10	48	10	3	39
376	L37E 40+ 25N	<5	<0.2	2.10	10	45	<5	0.10	<1	6	8	9	2.26	<10	0.18	156	<1	0.01	2	560	22	<5	<20	6	0.13	<10	35	10	3	32
377	L37E 40+ 50N	5	<0.2	2.09	10	60	10	0.10	<1	7	9	9	2.36	<10	0.23	117	<1	0.02	3	380	22	<5	<20	6	0.15	<10	32	<10	12	41
378	L37E 40+ 75N	<5	<0.2	3.42	15	125	10	0.19	<1	11	15	16	3.23	10	0.51	254	<1	0.02	11	800	26	<5	<20	8	0.13	<10	43	10	31	52
379	L37E 41+ 00N	<5	<0.2	2.77	<5	50	10	0.06	<1	7	7	10	4.34	<10	0.09	63	<1	0.01	1	330	22	<5	<20	4	0.22	<10	48	10	17	28
380	L37E 41+ 25N	<5	<0.2	1.73	10	70	<5	0.21	<1	4	5	7	1.08	10	0.15	120	<1	0.02	<1	740	40	<5	<20	18	0.07	<10	22	<10	19	48
381	L37E 41+ 50N	<5	<0.2	2.72	10	45	5	0.30	1	6	5	10	2.11	<10	0.13	109	<1	0.02	<1	630	50	<5	<20	23	0.15	<10	25	<10	26	62

Et #.	Tag #			Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
382	L37E	41+	75N	<5	<0.2	2.56	5	40	<5	0.12	<1	5	5	11	1.90	<10	0.13	69	<1	0.02	<1	390	58	<5	<20	9	0.14	<10	28	<10	20	84
383	L37E	42+	00N	<5	<0.2	2.88	15	25	<5	0.11	<1	5	4	11	1.62	<10	0.11	77	<1	0.02	<1	520	34	<5	<20	6	0.13	<10	24	10	26	26
384	L37E	42+	25N	<5	<0.2	1.39	10	60	10	0.14	<1	9	6	9	2.69	<10	0.15	190	<1	0.02	1	470	48	<5	<20	8	0.22	<10	43	10	12	51
385	L37E	42+	50N	<5	<0.2	1.30	10	60	<5	0.12	<1	8	6	9	1.67	<10	0.18	136	<1	0.02	1	340	54	5	<20	5	0.21	<10	31	10	16	42
386	L37E	42+	75N	<5	<0.2	4.06	10	60	<5	0.08	<1	8	9	14	3.17	<10	0.21	121	<1	0.02	3	590	42	<5	<20	10	0.20	<10	51	<10	27	54
387	L37E	43+	00N	<5	<0.2	4.25	15	65	<5	0.11	<1	9	12	11	3.57	<10	0.32	242	<1	0.01	6	1750	26	<5	<20	9	0.15	<10	52	<10	<1	91
388	L37E	43+	25N	<5	<0.2	4.13	15	40	5	0.10	<1	8	6	18	3.90	<10	0.08	74	<1	0.02	2	1300	44	<5	<20	5	0.23	<10	54	<10	35	37
389	L37E	43+	50N	<5	<0.2	2.94	10	55	5	0.13	<1	18	8	15	2.30	<10	0.18	1100	<1	0.02	4	820	66	<5	<20	9	0.14	<10	47	<10	12	93
390	L37E	43+	75N	<5	<0.2	1.40	<5	70	10	0.25	1	11	7	8	3.54	<10	0.18	375	<1	0.02	2	370	38	<5	<20	16	0.27	<10	64	<10	8	104
391	L37E	44+	00N	<5	<0.2	2.68	5	60	10	0.13	<1	11	7	11	2.81	<10	0.23	313	<1	0.02	4	570	38	<5	<20	10	0.19	<10	46	<10	19	83
392	L37E	44+	25N	5	<0.2	2.33	5	80	10	0.12	<1	11	8	11	4.07	<10	0.25	135	<1	0.02	5	460	32	<5	<20	10	0.31	<10	60	<10	10	61
393	L37E	44+	50N	<5	<0.2	3.59	15	55	10	0.12	<1	9	7	14	3.04	<10	0.16	116	<1	0.02	4	890	28	<5	<20	10	0.23	<10	45	<10	22	49
394	L37E	44+	75N	<5	<0.2	2.40	5	55	10	0.20	<1	10	9	13	2.77	<10	0.29	247	<1	0.02	5	440	36	<5	<20	16	0.20	<10	53	<10	22	68
395	L37E	45+	00N	<5	<0.2	4.20	15	45	5	0.10	<1	9	7	14	3.19	<10	0.20	143	<1	0.02	4	1400	26	<5	<20	7	0.22	<10	41	<10	12	69
396	L37E	45+	25N	<5	<0.2	2.69	10	85	5	0.08	<1	11	11	13	5.06	<10	0.29	126	<1	0.02	6	940	28	<5	<20	6	0.30	<10	74	<10	3	57
397	L37E	45+	50N	<5	<0.2	6.27	25	55	<5	0.08	<1	9	7	13	2.82	<10	0.17	276	<1	0.02	5	2790	30	<5	<20	6	0.22	<10	43	<10	9	78
398	L37E	45+	75N	<5	<0.2	1.06	<5	55	<5	0.12	<1	7	7	7	2.18	<10	0.24	159	<1	0.01	2	460	36	<5	<20	9	0.18	<10	47	<10	4	56
399	L37E	46+	00N	<5	<0.2	3.80	20	50	10	0.07	<1	9	9	10	3.94	<10	0.18	131	<1	0.02	4	840	34	<5	<20	4	0.23	<10	61	<10	4	60
400	L37E	46+	25N	5	<0.2	2.71	25	65	10	0.09	<1	9	8	11	4.04	<10	0.12	89	<1	0.02	3	630	28	<5	<20	2	0.23	<10	62	10	9	38
401	L37E	46+	50N	<5	<0.2	1.89	<5	85	5	0.12	<1	7	7	9	2.68	<10	0.19	331	<1	0.02	2	440	22	<5	<20	11	0.18	<10	49	<10	5	52
402	L37E	46+	75N	<5	<0.2	1.07	5	160	<5	0.31	<1	7	7	8	2.14	<10	0.26	1663	<1	0.02	3	560	30	5	<20	18	0.15	<10	40	<10	5	70
403	L37E	47+	00N	<5	<0.2	2.85	5	110	10	0.19	<1	9	8	9	3.77	<10	0.22	213	<1	0.02	4	730	28	<5	<20	17	0.22	<10	61	<10	7	72
404	L37E	47+	25N	<5	<0.2	2.28	<5	50	10	0.08	<1	8	7	10	3.05	<10	0.17	118	<1	0.02	3	500	22	<5	<20	5	0.22	<10	54	<10	5	37
405	L37E	47+	50N	<5	<0.2	2.25	20	60	<5	0.15	<1	8	8	10	3.02	<10	0.23	149	<1	0.02	4	800	32	<5	<20	8	0.21	<10	54	<10	4	52
406	L37E	47+	75N	<5	<0.2	2.17	<5	90	10	0.26	<1	11	9	9	3.25	<10	0.29	477	<1	0.02	6	890	26	<5	<20	18	0.21	<10	46	<10	13	79
407	L37E	48+	00N	<5	<0.2	2.10	<5	75	10	0.31	<1	10	9	12	3.34	<10	0.29	223	<1	0.02	6	580	42	<5	<20	21	0.24	<10	54	<10	25	78
408	L37E	48+	25N	<5	<0.2	1.37	<5	65	5	0.13	<1	11	6	12	2.37	<10	0.10	830	<1	0.02	3	390	42	<5	<20	8	0.17	<10	37	<10	13	53
409	L37E	48+	50N	<5	<0.2	2.88	10	85	5	0.19	<1	8	5	10	2.48	<10	0.09	314	<1	0.02	2	940	24	<5	<20	9	0.18	<10	38	<10	6	52
410	L37E	48+	75N	<5	<0.2	2.34	<5	85	10	0.19	<1	9	10	10	4.23	<10	0.29	196	<1	0.02	4	2340	24	<5	<20	11	0.22	<10	73	<10	<1	69
411	L37E	49+	00N	<5	<0.2	2.00	<5	95	10	0.30	1	17	11	15	3.21	<10	0.33	1650	<1	0.02	6	620	46	<5	<20	20	0.19	<10	53	<10	28	99
412	L37E	49+	25N	<5	<0.2	2.43	10	100	5	0.43	<1	15	22	14	3.60	<10	0.68	585	<1	0.02	16	400	26	<5	<20	27	0.18	<10	55	10	19	64
413	L37E	49+	50N	<5	<0.2	2.97	5	70	5	0.45	<1	9	10	14	2.63	20	0.29	1309	<1	0.02	6	750	22	5	<20	28	0.16	<10	49	<10	55	50
414	L37E	49+	75N	<5	<0.2	4.92	20	35	<5	0.04	<1	6	6	13	2.34	<10	0.06	125	<1	0.02	<1	1100	24	<5	<20	2	0.16	<10	33	10	8	31
415	L37E	50+	00N	<5	<0.2	6.51	30	20	<5	0.05	<1	8	6	14	2.20	<10	0.07	102	<1	0.02	1	1250	28	<5	<20	3	0.19	<10	31	<10	8	26
416	L37E	50+	25N	<5	<0.2	0.97	5	30	<5	0.07	<1	4	4	5	1.42	<10	0.11	65	<1	0.01	<1	330	18	<5	<20	4	0.14	<10	34	<10	5	27
417	L37E	50+	50N	<5	<0.2	6.30	20	25	<5	0.04	<1	6	7	15	2.97	<10	0.06	51	<1	0.02	1	1210	28	<5	<20	2	0.19	<10	41	10	9	18
418	L37E	50+	75N	<5	<0.2	4.86	20	45	<5	0.06	<1	6	7	19	2.47	<10	0.12	98	<1	0.02	2	1080	22	<5	<20	5	0.16	<10	36	<10	7	36
419	L37E	51+	00N	<5	<0.2	4.00	15	40	10	0.03	<1	5	10	9	3.06	<10	0.05	39	<1	0.01	<1	870	20	<5	<20	2	0.16	<10	51	<10	<1	25
420	L37E	51+	25N	<5	<0.2	4.65	10	50	20	0.05	<1	10	9	11	6.31	<10	0.07	38	<1	0.01	<1	600	26	<5	<20	2	0.35	10	104	10	6	30

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
421	L37E 51+ 50N	<5	<0.2	5.36	10	60	10	0.06	<1	8	7	16	2.96	<10	0.11	71	<1	0.02	4	1010	22	<5	<20	7	0.20	<10	41	<10	12	47
422	L37E 51+ 75N	<5	<0.2	2.25	10	85	5	0.11	<1	7	7	8	2.75	<10	0.24	362	<1	0.01	2	1010	20	<5	<20	8	0.20	<10	50	<10	4	64
423	L37E 52+ 00N	<5	<0.2	4.01	10	65	10	0.09	<1	10	8	13	2.75	<10	0.24	250	<1	0.02	5	1660	22	<5	<20	8	0.19	<10	42	<10	7	56
424	L37E 52+ 25N	<5	<0.2	2.22	10	30	10	0.11	<1	8	4	7	2.57	<10	0.26	135	<1	0.01	<1	570	20	<5	<20	7	0.23	<10	50	<10	4	30
425	L37E 52+ 50N	<5	<0.2	5.53	15	40	5	0.04	<1	6	8	13	3.05	<10	0.08	72	<1	0.02	2	1010	24	<5	<20	3	0.18	<10	43	<10	8	30
426	L37E 52+ 75N	<5	<0.2	4.02	25	40	<5	0.06	<1	7	11	14	2.42	<10	0.19	409	<1	0.02	3	1470	28	<5	<20	4	0.16	<10	37	<10	7	37
427	L37E 53+ 00N	<5	<0.2	0.43	<5	15	<5	0.04	<1	1	<1	2	0.49	<10	0.02	28	<1	0.01	<1	330	12	<5	<20	<1	0.06	<10	13	<10	1	13
428	L37E 53+ 25N	<5	<0.2	4.94	20	35	5	0.04	<1	5	7	12	3.03	<10	0.05	51	<1	0.01	1	1270	22	<5	<20	2	0.16	<10	42	<10	2	23
429	L37E 53+ 50N	<5	<0.2	3.85	15	35	<5	0.07	<1	6	6	10	2.74	<10	0.06	103	<1	0.02	1	830	22	<5	<20	4	0.18	<10	39	<10	10	19
430	L37E 53+ 75N	<5	<0.2	3.41	15	25	5	0.07	<1	6	5	11	2.28	<10	0.16	97	<1	0.02	<1	910	18	<5	<20	4	0.18	<10	41	<10	6	24
431	L37E 54+ 00N	<5	<0.2	5.19	20	35	5	0.06	<1	8	10	17	3.17	<10	0.19	157	<1	0.02	3	1360	20	<5	<20	4	0.19	<10	48	<10	6	41
432	L38E 40+ 00N	<5	<0.2	2.04	<5	55	<5	0.10	<1	7	10	9	3.61	<10	0.20	84	<1	0.01	3	290	18	<5	<20	8	0.16	<10	52	<10	<1	29
433	L38E 40+ 25N	<5	<0.2	3.24	10	30	<5	0.06	<1	5	6	10	2.13	<10	0.09	47	<1	0.02	2	420	16	<5	<20	6	0.14	<10	33	<10	5	19
434	L38E 40+ 50N	<5	<0.2	3.47	15	30	5	0.06	<1	6	7	10	2.89	<10	0.11	63	<1	0.02	1	430	24	<5	<20	4	0.18	<10	43	<10	5	26
435	L38E 40+ 75N	5	<0.2	2.17	10	45	<5	0.11	<1	5	7	7	2.29	<10	0.12	60	<1	0.01	1	380	16	<5	<20	7	0.11	<10	36	<10	1	31
436	L38E 41+ 00N	<5	<0.2	1.08	5	35	<5	0.16	<1	6	8	6	2.28	<10	0.23	119	<1	0.01	4	440	18	<5	<20	11	0.14	<10	38	<10	4	31
437	L38E 41+ 25N	<5	<0.2	2.24	<5	50	5	0.11	<1	6	10	9	2.83	<10	0.19	142	<1	0.01	3	670	22	<5	<20	8	0.14	<10	40	<10	4	35
438	L38E 41+ 50N	<5	<0.2	2.85	10	50	<5	0.10	<1	7	8	13	2.68	<10	0.13	308	<1	0.01	3	530	20	<5	<20	7	0.14	<10	38	<10	5	37
439	L38E 41+ 75N	<5	<0.2	1.45	<5	45	<5	0.09	<1	5	5	9	1.89	<10	0.13	83	<1	0.01	2	350	24	<5	<20	6	0.14	<10	26	<10	7	32
440	L38E 42+ 00N	<5	<0.2	2.90	10	55	5	0.10	<1	4	9	8	2.79	<10	0.09	54	<1	0.01	2	380	18	<5	<20	7	0.12	<10	33	<10	2	25
441	L38E 42+ 25N	<5	<0.2	1.62	<5	55	10	0.10	<1	8	6	11	3.41	<10	0.15	105	<1	0.01	2	350	20	<5	<20	8	0.23	<10	53	10	11	39
442	L38E 42+ 50N	<5	<0.2	3.28	10	35	5	0.16	<1	4	6	8	2.37	<10	0.06	32	<1	0.02	<1	470	28	<5	<20	14	0.13	<10	27	<10	15	35
443	L38E 42+ 75N	<5	<0.2	1.06	<5	65	5	0.11	<1	8	6	8	2.62	<10	0.18	141	<1	0.02	3	240	32	<5	<20	10	0.32	<10	52	<10	9	47
444	L38E 43+ 00N	<5	<0.2	2.66	10	65	<5	0.30	1	14	11	10	2.59	<10	0.16	1273	<1	0.02	3	620	30	<5	<20	24	0.13	<10	49	<10	30	67
445	L38E 43+ 25N	10	<0.2	1.42	5	45	10	0.09	<1	7	7	8	3.57	<10	0.10	84	<1	0.01	1	310	24	<5	<20	7	0.23	<10	58	<10	2	43
446	L38E 43+ 50N	10	<0.2	2.60	<5	55	10	0.15	<1	8	8	9	3.33	<10	0.20	155	<1	0.02	3	920	22	<5	<20	9	0.20	<10	55	<10	2	62
447	L38E 43+ 75N	<5	<0.2	1.59	<5	45	10	0.12	<1	6	6	7	3.10	<10	0.11	91	<1	0.01	1	290	22	<5	<20	7	0.20	<10	51	<10	3	54
448	L38E 44+ 00N	<5	<0.2	1.33	<5	115	10	0.15	<1	6	6	9	2.83	<10	0.08	207	<1	0.01	<1	270	28	<5	<20	9	0.22	<10	52	<10	<1	62
449	L38E 44+ 25N	5	<0.2	3.88	10	55	<5	0.07	<1	7	6	12	2.49	<10	0.13	122	<1	0.02	3	860	28	<5	<20	5	0.18	<10	39	<10	7	53
450	L38E 44+ 50N	<5	<0.2	2.04	15	35	10	0.08	<1	6	5	8	2.09	<10	0.11	77	<1	0.02	<1	450	20	<5	<20	<1	0.20	<10	44	<10	11	29
451	L38E 44+ 75N	5	<0.2	3.42	15	45	5	0.08	<1	7	6	10	2.82	<10	0.08	98	<1	0.02	2	1060	24	<5	<20	5	0.18	<10	43	10	10	40
452	L38E 45+ 00N	<5	<0.2	1.64	<5	65	5	0.11	<1	8	7	8	3.19	<10	0.15	118	<1	0.02	3	440	32	<5	<20	7	0.23	<10	51	<10	12	43
453	L38E 45+ 25N	5	<0.2	0.81	<5	50	<5	0.12	<1	5	4	7	1.71	<10	0.07	69	<1	0.01	1	260	18	<5	<20	6	0.21	<10	41	<10	8	27
454	L38E 45+ 50N	10	<0.2	2.18	5	60	10	0.15	<1	5	5	7	2.27	<10	0.11	99	<1	0.01	1	400	24	<5	<20	11	0.14	<10	33	<10	10	44
455	L38E 45+ 75N	10	<0.2	2.40	10	80	5	0.36	<1	11	7	12	2.54	<10	0.23	769	<1	0.02	5	790	44	<5	<20	27	0.15	<10	35	<10	32	59
456	L38E 46+ 00N	<5	<0.2	3.15	<5	80	<5	0.24	<1	12	8	13	2.76	10	0.18	589	<1	0.02	4	650	28	<5	<20	20	0.18	<10	46	<10	47	58
457	L38E 46+ 25N	<5	<0.2	2.48	5	75	5	0.20	<1	15	7	10	2.59	<10	0.15	325	<1	0.02	4	540	34	<5	<20	12	0.19	<10	46	<10	20	56
458	L38E 46+ 50N	<5	<0.2	3.66	15	80	5	0.38	<1	9	8	8	2.65	<10	0.23	253	<1	0.02	5	1080	22	<5	<20	17	0.18	<10	40	<10	4	84
459	L38E 46+ 75N	<5	<0.2	1.05	<5	75	10	0.14	<1	7	5	6	2.43	<10	0.15	130	<1	0.01	1	320	18	<5	<20	8	0.22	<10	55	<10	6	44
460	L38E 47+ 00N	<5	<0.2	3.22	10	60	10	0.08	<1	7	8	11	3.96	<10	0.10	65	<1	0.01	2	860	24	<5	<20	5	0.21	<10	63	<10	<1	39

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
461	L38E 47+ 25N	<5	<0.2	0.64	5	40	<5	0.23	<1	5	4	3	1.13	<10	0.25	150	<1	0.01	<1	150	12	<5	<20	13	0.12	<10	29	<10	5	32
462	L38E 47+ 50N	<5	<0.2	2.25	<5	60	5	0.07	<1	7	5	11	2.77	<10	0.10	82	<1	0.02	2	530	26	<5	<20	4	0.21	<10	40	<10	12	35
463	L38E 47+ 75N	<5	<0.2	1.31	<5	95	5	0.21	<1	7	6	11	2.32	<10	0.11	134	<1	0.01	3	370	34	<5	<20	10	0.18	<10	44	<10	14	58
464	L38E 48+ 00N	<5	<0.2	2.19	5	75	10	0.19	<1	12	7	12	3.44	<10	0.16	200	<1	0.01	4	370	26	<5	<20	14	0.18	<10	43	<10	27	56
465	L38E 48+ 25N	<5	<0.2	6.08	25	25	<5	0.06	<1	6	7	10	2.49	<10	0.07	75	<1	0.02	1	870	30	<5	<20	3	0.16	<10	31	20	10	29
466	L38E 48+ 50N	<5	<0.2	5.42	20	40	<5	0.07	<1	6	10	13	3.50	<10	0.06	68	<1	0.01	2	1430	26	<5	<20	3	0.16	<10	43	10	6	34
467	L38E 48+ 75N	<5	<0.2	3.26	10	70	10	0.10	<1	8	16	15	3.99	<10	0.32	142	<1	0.01	8	770	22	<5	<20	7	0.14	<10	48	<10	11	50
468	L38E 49+ 00N	<5	<0.2	3.26	10	40	5	0.07	<1	8	7	14	2.32	<10	0.12	118	<1	0.02	3	470	44	<5	<20	5	0.18	<10	35	<10	40	29
469	L38E 49+ 25N	<5	<0.2	5.28	20	30	5	0.06	<1	6	7	13	2.73	<10	0.09	89	<1	0.01	2	830	24	<5	<20	3	0.16	<10	37	<10	8	27
470	L38E 49+ 50N	<5	<0.2	4.59	15	40	10	0.07	<1	8	11	12	4.34	<10	0.16	103	<1	0.01	2	900	24	<5	<20	3	0.21	<10	65	10	2	44
471	L38E 49+ 75N	<5	<0.2	4.32	15	35	<5	0.08	<1	5	6	14	2.09	<10	0.10	64	<1	0.02	3	670	22	<5	<20	5	0.15	<10	32	<10	15	33
472	L38E 50+ 00N	<5	<0.2	3.74	10	45	10	0.07	<1	7	9	11	3.21	<10	0.18	85	<1	0.01	3	490	22	<5	<20	3	0.20	<10	51	<10	5	33
473	L38E 50+ 25N	<5	<0.2	4.34	15	35	<5	0.06	<1	5	6	10	2.34	<10	0.07	61	<1	0.01	1	500	20	<5	<20	3	0.15	<10	32	10	7	24
474	L38E 50+ 50N	<5	<0.2	5.64	15	30	<5	0.04	<1	5	7	11	2.43	<10	0.05	52	<1	0.02	1	1080	24	<5	<20	3	0.15	<10	32	<10	8	20
475	L38E 50+ 75N	<5	<0.2	5.91	25	20	5	0.04	<1	5	8	14	2.85	<10	0.04	41	<1	0.02	<1	920	24	<5	<20	1	0.14	<10	38	<10	4	19
476	L38E 51+ 00N	<5	<0.2	4.65	20	45	<5	0.09	<1	5	6	12	2.22	<10	0.06	63	<1	0.02	1	870	20	<5	<20	5	0.16	<10	33	<10	6	33
477	L38E 51+ 25N	<5	<0.2	3.54	15	40	<5	0.05	<1	6	7	9	3.06	<10	0.06	48	<1	0.01	2	570	26	<5	<20	2	0.21	<10	45	<10	6	43
478	L38E 51+ 50N	<5	<0.2	2.28	10	120	5	0.41	2	11	9	10	4.17	<10	0.36	252	4	0.02	15	630	22	10	<20	28	0.17	<10	63	<10	11	71
479	L38E 51+ 75N	<5	<0.2	3.65	10	45	5	0.06	<1	6	8	13	2.57	<10	0.14	105	<1	0.02	3	660	22	<5	<20	5	0.17	<10	42	<10	9	39
480	L38E 52+ 00N	<5	<0.2	2.80	10	40	5	0.05	<1	6	5	9	2.04	<10	0.08	86	2	0.02	5	590	22	5	<20	5	0.10	<10	37	<10	18	30
481	L38E 52+ 25N	<5	<0.2	4.32	10	50	5	0.07	2	6	9	10	3.09	<10	0.10	50	4	0.01	11	970	22	10	<20	7	0.08	<10	45	<10	2	30
482	L38E 52+ 50N	<5	<0.2	3.76	10	30	5	0.05	<1	5	6	10	2.89	<10	0.03	48	<1	0.01	<1	580	24	<5	<20	2	0.17	<10	39	<10	2	25
483	L38E 52+ 75N	<5	<0.2	4.65	20	40	5	0.15	<1	6	7	15	2.57	<10	0.11	89	<1	0.02	2	1050	24	<5	<20	7	0.17	<10	38	<10	15	28
484	L38E 53+ 00N	<5	<0.2	4.33	20	30	<5	0.18	<1	5	6	14	1.72	<10	0.09	124	<1	0.02	<1	910	22	<5	<20	9	0.15	<10	32	<10	16	35
485	L38E 53+ 25N	<5	<0.2	3.70	10	60	<5	0.10	<1	10	16	19	3.01	<10	0.43	211	<1	0.01	8	1060	26	5	<20	9	0.16	<10	50	<10	18	67
486	L38E 53+ 50N	<5	<0.2	6.01	20	20	<5	0.04	<1	6	9	16	2.59	<10	0.08	51	<1	0.02	2	1130	28	<5	<20	2	0.16	<10	35	<10	14	26
487	L38E 53+ 75N	<5	<0.2	5.12	20	25	<5	0.05	<1	7	10	17	2.55	<10	0.18	111	<1	0.02	4	1190	26	5	<20	3	0.15	<10	37	10	14	40
488	L38E 54+ 00N	<5	<0.2	4.51	20	30	5	0.06	<1	6	6	17	2.02	<10	0.12	94	<1	0.02	4	820	20	<5	<20	3	0.17	<10	31	<10	18	32
489	L38E+50E 40+ 00N	<5	<0.2	1.72	5	50	5	0.13	<1	8	11	8	3.61	<10	0.27	119	<1	0.01	4	320	18	<5	<20	11	0.19	<10	55	<10	2	36
490	L38E+50E 40+ 25N	<5	<0.2	2.68	10	35	<5	0.06	<1	5	6	11	1.51	<10	0.11	49	<1	0.02	1	400	22	<5	<20	7	0.15	<10	25	<10	16	29
491	L38E+50E 40+ 50N	<5	<0.2	2.30	<5	60	5	0.13	<1	7	10	9	2.20	<10	0.24	143	<1	0.02	5	460	18	<5	<20	12	0.13	<10	36	<10	7	39
492	L38E+50E 40+ 75N	<5	<0.2	3.32	10	65	<5	0.14	<1	10	15	14	3.78	<10	0.37	194	<1	0.01	8	740	18	<5	<20	9	0.13	<10	51	<10	21	56
493	L38E+50E 41+ 00N	<5	<0.2	2.39	<5	65	5	0.11	<1	9	14	11	5.62	<10	0.23	143	<1	0.01	5	390	20	<5	<20	8	0.20	<10	63	<10	<1	49
494	L38E+50E 41+ 25N	<5	<0.2	2.66	5	30	<5	0.08	<1	5	6	13	1.59	<10	0.14	67	<1	0.01	2	550	18	<5	<20	5	0.09	<10	21	<10	13	34
495	L38E+50E 41+ 50N	<5	<0.2	1.52	<5	75	<5	0.20	<1	10	10	8	2.53	<10	0.31	488	<1	0.01	5	540	20	5	<20	17	0.13	<10	43	<10	9	58
496	L38E+50E 41+ 75N	<5	<0.2	1.93	10	70	5	0.14	<1	7	7	11	2.46	<10	0.15	534	<1	0.01	2	730	30	<5	<20	11	0.15	<10	41	<10	5	47
497	L38E+50E 42+ 00N	5	<0.2	2.56	15	45	10	0.07	<1	6	8	10	2.49	<10	0.15	97	<1	0.01	2	410	18	<5	<20	4	0.15	<10	37	<10	7	30
498	L38E+50E 42+ 25N	5	<0.2	3.67	15	40	5	0.07	<1	6	9	11	2.68	<10	0.13	100	<1	0.02	4	590	20	<5	<20	4	0.15	<10	38	<10	8	32
499	L38E+50E 42+ 50N	5	<0.2	3.41	15	60	<5	0.11	<1	7	11	10	3.05	<10	0.24	119	<1	0.01	5	560	20	<5	<20	8	0.13	<10	40	<10	2	52

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
500	L38E+50E 42+ 75N	<5	<0.2	3.57	10	25	10	0.04	<1	6	5	14	3.31	<10	0.05	33	<1	0.01	1	640	20	<5	<20	2	0.21	<10	41	10	18	24
501	L38E+50E 43+ 00N	<5	<0.2	2.59	10	45	5	0.07	<1	6	7	12	3.25	<10	0.08	49	<1	0.01	1	350	22	<5	<20	5	0.15	<10	40	<10	10	34
502	L38E+50E 43+ 25N	5	<0.2	1.07	<5	50	5	0.11	<1	5	5	5	1.86	<10	0.12	55	<1	0.01	<1	200	22	<5	<20	12	0.16	<10	34	<10	5	33
503	L38E+50E 43+ 50N	10	<0.2	2.27	<5	35	10	0.07	<1	6	6	10	2.59	<10	0.08	52	<1	0.01	<1	290	24	<5	<20	<1	0.19	<10	39	10	12	37
504	L38E+50E 43+ 75N	<5	<0.2	3.18	15	75	<5	0.16	<1	8	12	11	2.83	<10	0.31	142	<1	0.01	7	390	22	10	<20	10	0.14	<10	39	<10	7	59
505	L38E+50E 44+ 00N	<5	<0.2	0.63	<5	35	5	0.16	<1	4	2	3	0.74	<10	0.12	88	<1	0.02	<1	200	18	<5	<20	8	0.20	<10	27	<10	9	24
506	L38E+50E 44+ 25N	5	<0.2	1.75	5	55	<5	0.12	<1	6	5	10	2.30	<10	0.09	114	<1	0.01	1	440	22	<5	<20	5	0.16	<10	41	<10	6	45
507	L38E+50E 44+ 50N	<5	<0.2	4.52	15	50	15	0.10	<1	10	8	12	4.90	<10	0.21	149	<1	0.02	4	1140	18	<5	<20	7	0.29	<10	68	10	<1	40
508	L38E+50E 44+ 75N	<5	<0.2	2.43	10	40	5	0.07	<1	6	6	8	2.90	<10	0.09	119	<1	0.01	<1	790	20	<5	<20	4	0.19	<10	47	<10	4	29
509	L38E+50E 45+ 00N	<5	<0.2	1.51	5	85	<5	0.19	<1	14	7	12	2.28	<10	0.26	1048	<1	0.02	4	730	32	5	<20	12	0.15	<10	41	<10	8	62
510	L38E+50E 45+ 25N	<5	<0.2	3.35	10	70	10	0.15	<1	11	7	10	3.15	<10	0.22	205	<1	0.02	4	900	20	<5	<20	8	0.22	<10	51	<10	8	75
511	L38E+50E 45+ 50N	<5	<0.2	1.10	<5	70	<5	0.10	<1	3	3	7	1.14	<10	0.07	55	<1	0.01	<1	440	20	<5	<20	8	0.13	<10	23	<10	8	26
512	L38E+50E 45+ 75N	5	<0.2	3.94	10	55	5	0.14	<1	8	6	12	3.56	<10	0.11	77	<1	0.02	4	1380	18	<5	<20	14	0.22	<10	44	<10	10	32
513	L38E+50E 46+ 00N	<5	<0.2	2.03	5	110	15	0.15	<1	9	10	8	3.42	<10	0.26	183	<1	0.02	5	450	26	<5	<20	8	0.20	<10	49	10	4	64
514	L38E+50E 46+ 25N	<5	0.4	2.40	5	135	5	0.50	1	11	10	12	2.51	10	0.22	2311	<1	0.02	5	870	32	5	<20	36	0.15	<10	44	<10	36	86
515	L38E+50E 46+ 50N	<5	<0.2	3.89	<5	80	10	0.12	<1	8	6	9	3.06	<10	0.13	109	<1	0.02	4	1000	20	<5	<20	11	0.19	<10	43	<10	4	60
516	L38E+50E 46+ 75N	<5	<0.2	2.94	10	75	10	0.25	<1	8	6	9	2.99	<10	0.13	164	<1	0.02	4	730	22	<5	<20	17	0.20	<10	40	<10	15	52
517	L38E+50E 47+ 00N	<5	<0.2	3.92	25	45	5	0.08	<1	7	8	14	2.75	<10	0.15	175	<1	0.01	3	1440	24	<5	<20	2	0.18	<10	41	10	6	57
518	L38E+50E 47+ 25N	<5	<0.2	2.57	<5	85	10	0.24	<1	8	8	12	3.89	<10	0.13	140	<1	0.01	3	500	20	<5	<20	15	0.24	<10	63	<10	1	58
519	L38E+50E 47+ 50N	<5	<0.2	4.90	20	35	<5	0.09	<1	6	7	12	3.41	<10	0.07	78	<1	0.01	<1	1650	24	<5	<20	6	0.19	<10	44	<10	10	36
520	L38E+50E 47+ 75N	<5	<0.2	4.28	10	50	5	0.06	<1	8	8	15	2.43	<10	0.13	191	<1	0.02	4	1210	20	<5	<20	5	0.17	<10	38	10	10	49
521	L38E+50E 48+ 00N	<5	<0.2	1.24	<5	55	<5	0.11	<1	8	9	10	3.25	<10	0.17	169	<1	0.01	3	500	24	<5	<20	7	0.22	<10	50	<10	3	48
522	L38E+50E 48+ 25N	5	<0.2	5.43	25	35	<5	0.06	<1	6	12	14	2.67	<10	0.16	114	<1	0.01	5	950	22	<5	<20	2	0.14	<10	33	<10	8	44
523	L38E+50E 48+ 50N	5	<0.2	4.09	15	40	10	0.06	<1	8	9	14	2.55	<10	0.16	158	<1	0.02	4	1030	22	<5	<20	4	0.17	<10	41	<10	9	48
524	L38E+50E 48+ 75N	<5	<0.2	2.27	5	50	<5	0.15	<1	6	8	15	2.55	<10	0.11	75	<1	0.01	3	850	16	<5	<20	11	0.16	<10	37	<10	<1	47
525	L38E+50E 49+ 00N	<5	<0.2	3.22	10	50	<5	0.14	<1	7	8	11	2.71	<10	0.16	104	<1	0.02	4	480	20	<5	<20	9	0.16	<10	38	<10	12	44
526	L38E+50E 49+ 25N	<5	<0.2	3.12	<5	60	5	0.07	<1	7	7	9	2.94	<10	0.15	80	<1	0.01	3	390	16	<5	<20	6	0.18	<10	47	<10	<1	31
527	L38E+50E 49+ 50N	5	<0.2	4.09	15	40	<5	0.11	<1	7	6	15	1.98	<10	0.13	140	<1	0.02	4	700	26	<5	<20	5	0.15	<10	34	<10	32	41
528	L38E+50E 49+ 75N	<5	<0.2	4.07	15	30	10	0.04	<1	5	6	10	2.32	<10	0.03	39	<1	0.01	2	510	18	<5	<20	2	0.16	<10	35	<10	9	25
529	L38E+50E 50+ 00N	5	<0.2	3.18	10	30	15	0.04	<1	6	6	10	2.92	<10	0.07	40	<1	0.01	3	400	18	<5	<20	<1	0.22	<10	46	<10	4	31
530	L38E+50E 50+ 25N	<5	<0.2	2.88	10	55	5	0.18	<1	8	10	10	2.63	<10	0.23	87	<1	0.02	5	290	20	<5	<20	11	0.19	<10	44	<10	31	43
531	L38E+50E 50+ 50N	<5	<0.2	1.72	5	70	10	0.16	<1	11	13	14	3.21	10	0.34	198	<1	0.02	7	230	32	<5	<20	12	0.21	<10	61	<10	30	50
532	L38E+50E 50+ 75N	<5	<0.2	1.72	15	35	10	0.06	<1	5	4	8	2.06	<10	0.07	38	<1	0.01	2	290	20	<5	<20	2	0.16	<10	37	<10	7	22
533	L38E+50E 51+ 00N	<5	<0.2	2.46	10	65	<5	0.39	<1	7	14	12	2.08	20	0.38	279	<1	0.02	9	750	22	<5	<20	26	0.10	10	46	<10	52	55
534	L38E+50E 51+ 25N	10	<0.2	3.23	10	75	10	0.21	<1	12	18	12	3.12	<10	0.38	278	<1	0.02	11	420	24	5	<20	16	0.20	<10	61	<10	22	64
535	L38E+50E 51+ 50N	<5	<0.2	4.27	15	30	5	0.04	<1	6	8	11	2.35	<10	0.08	63	<1	0.01	3	700	20	<5	<20	<1	0.15	<10	34	<10	6	41
536	L38E+50E 51+ 75N	<5	<0.2	2.53	10	45	5	0.11	<1	7	9	9	3.08	<10	0.17	127	<1	0.01	5	760	18	<5	<20	5	0.18	<10	51	<10	<1	41
537	L38E+50E 52+ 00N	5	<0.2	4.33	15	50	5	0.08	<1	7	8	12	2.89	<10	0.13	89	<1	0.01	4	1070	20	<5	<20	4	0.19	<10	44	<10	10	39
538	L38E+50E 52+ 25N	<5	<0.2	4.57	20	40	5	0.05	<1	7	13	14	3.36	<10	0.16	89	<1	0.01	5	780	22	<5	<20	2	0.15	<10	42	<10	4	39

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
539	L38E+50E 52+ 50N	<5	<0.2	4.38	20	35	5	0.04	<1	5	6	15	2.27	<10	0.06	48	<1	0.02	3	670	24	<5	<20	2	0.17	<10	35	<10	16	29
540	L38E+50E 52+ 75N	<5	<0.2	3.84	15	30	10	0.06	<1	6	4	11	1.89	<10	0.06	34	<1	0.02	2	500	24	<5	<20	3	0.16	<10	28	<10	47	24
541	L38E+50E 53+ 00N	10	<0.2	5.54	20	30	10	0.04	<1	6	8	13	2.93	<10	0.07	45	<1	0.02	4	760	22	<5	<20	1	0.17	<10	36	<10	6	25
542	L38E+50E 53+ 25N	<5	<0.2	5.07	20	20	5	0.08	<1	6	8	15	2.20	<10	0.09	47	<1	0.02	4	860	18	<5	<20	3	0.15	<10	29	<10	15	31
543	L38E+50E 53+ 50N	<5	0.4	5.82	25	25	5	0.04	<1	6	8	15	2.77	<10	0.05	56	<1	0.02	2	970	24	<5	<20	<1	0.16	<10	36	<10	10	30
544	L38E+50E 53+ 75N	<5	<0.2	3.79	15	30	10	0.04	<1	7	8	10	4.12	<10	0.05	61	<1	0.01	3	1220	26	<5	<20	<1	0.25	<10	63	<10	10	34
545	L38E+50E 54+ 00N	5	0.2	6.21	25	20	5	0.03	<1	5	9	12	2.90	<10	0.04	41	<1	0.01	2	1010	22	<5	<20	<1	0.13	<10	34	<10	4	24
546	L39E 40+ 00N	<5	<0.2	3.72	15	25	5	0.04	<1	5	7	8	2.68	<10	0.06	41	<1	0.01	3	410	18	<5	<20	<1	0.14	<10	33	<10	7	23
547	L39E 40+ 25N	<5	<0.2	4.33	15	30	10	0.03	<1	5	8	11	2.91	<10	0.06	48	<1	0.01	<1	510	20	<5	<20	<1	0.15	<10	35	<10	12	19
548	L39E 40+ 50N	<5	<0.2	2.14	10	40	5	0.17	<1	6	6	9	1.91	<10	0.09	412	<1	0.01	3	850	16	<5	<20	4	0.12	<10	32	<10	1	32
549	L39E 40+ 75N	<5	<0.2	3.28	15	45	<5	0.14	<1	7	13	12	2.29	<10	0.30	141	<1	0.01	10	800	18	<5	<20	6	0.10	<10	31	<10	5	39
550	L39E 41+ 00N	<5	<0.2	2.21	15	40	<5	0.08	<1	6	9	9	2.68	<10	0.14	174	<1	0.01	3	500	16	<5	<20	4	0.13	<10	35	<10	1	29
551	L39E 41+ 25N	<5	0.4	2.99	15	30	5	0.05	<1	4	7	12	2.15	<10	0.09	103	<1	0.01	3	690	14	<5	<20	1	0.08	<10	24	<10	14	37
552	L39E 41+ 50N	<5	<0.2	2.69	<5	40	5	0.07	<1	5	9	7	3.34	<10	0.09	74	<1	0.01	2	410	16	<5	<20	4	0.15	<10	41	<10	<1	30
553	L39E 41+ 75N	<5	<0.2	1.85	5	45	<5	0.10	<1	5	8	11	2.06	<10	0.19	195	<1	0.01	4	490	18	<5	<20	5	0.08	<10	28	<10	6	34
554	L39E 42+ 00N	<5	<0.2	2.00	5	55	15	0.08	<1	14	7	9	2.48	<10	0.14	569	<1	0.01	3	350	30	<5	<20	6	0.18	<10	47	<10	15	42
555	L39E 42+ 25N	<5	<0.2	2.72	10	50	10	0.07	<1	7	8	8	2.71	<10	0.14	147	<1	0.01	4	420	24	<5	<20	<1	0.15	<10	41	<10	2	50
556	L39E 42+ 50N	<5	<0.2	2.96	15	60	<5	0.13	<1	8	8	8	2.56	<10	0.28	232	<1	0.01	5	670	20	5	<20	10	0.13	<10	39	<10	6	49
557	L39E 42+ 75N	<5	<0.2	2.08	10	30	5	0.05	<1	5	4	8	2.28	<10	0.03	37	<1	0.01	<1	340	20	<5	<20	3	0.17	<10	38	<10	4	25
558	L39E 43+ 00N	<5	<0.2	1.14	<5	30	5	0.11	<1	5	7	4	2.01	<10	0.19	85	<1	0.01	4	340	16	<5	<20	7	0.10	<10	35	<10	<1	26
559	L39E 43+ 25N	<5	<0.2	0.82	5	30	<5	0.07	<1	4	4	4	1.37	<10	0.10	289	<1	0.01	1	270	12	<5	<20	3	0.11	<10	29	<10	3	23
560	L39E 43+ 50N	<5	<0.2	1.13	5	75	5	0.21	<1	5	5	7	1.90	<10	0.12	273	<1	0.01	2	460	26	<5	<20	10	0.15	<10	38	<10	6	48
561	L39E 43+ 75N	<5	0.4	2.57	5	70	<5	0.29	<1	4	7	16	1.64	<10	0.18	118	<1	0.01	4	1330	36	<5	<20	25	0.05	<10	28	<10	16	71
562	L39E 44+ 00N	<5	<0.2	2.01	10	45	5	0.09	<1	6	7	10	2.66	<10	0.11	92	<1	0.01	3	450	24	<5	<20	4	0.19	<10	46	<10	3	39
563	L39E 44+ 25N	<5	<0.2	0.32	<5	30	5	0.05	<1	4	2	5	0.71	<10	0.03	28	<1	0.01	1	140	18	<5	<20	<1	0.18	<10	31	<10	6	23
564	L39E 44+ 50N	<5	<0.2	3.61	15	30	5	0.07	<1	5	7	6	3.13	<10	0.08	55	<1	0.01	2	350	22	<5	<20	1	0.15	<10	40	<10	<1	36
565	L39E 44+ 75N	5	<0.2	1.74	15	60	5	0.30	<1	9	6	7	2.38	<10	0.40	447	<1	0.02	3	930	22	<5	<20	12	0.10	<10	36	<10	3	47
566	L39E 45+ 00N	<5	<0.2	2.05	10	85	10	0.36	<1	11	6	9	2.07	<10	0.21	1159	<1	0.02	5	960	28	<5	<20	26	0.08	<10	28	<10	18	69
567	L39E 45+ 25N	<5	<0.2	2.30	10	95	<5	0.28	<1	7	5	10	2.29	<10	0.15	226	<1	0.01	3	690	34	<5	<20	10	0.14	<10	33	<10	5	54
568	L39E 45+ 50N	<5	<0.2	1.59	10	110	<5	0.29	<1	8	8	8	2.64	<10	0.26	549	<1	0.01	6	460	24	<5	<20	17	0.15	<10	40	<10	5	59
569	L39E 45+ 75N	<5	<0.2	1.88	<5	60	<5	0.17	<1	8	7	12	1.85	<10	0.17	535	<1	0.01	6	490	22	<5	<20	13	0.09	<10	27	<10	20	40
570	L39E 46+ 00N	<5	<0.2	1.51	<5	90	<5	0.37	<1	6	7	7	1.97	<10	0.20	169	<1	0.01	4	420	30	<5	<20	34	0.11	<10	32	<10	25	47
571	L39E 46+ 25N	<5	<0.2	3.63	15	75	5	0.09	<1	9	8	11	2.49	<10	0.15	292	<1	0.01	5	890	22	<5	<20	3	0.15	<10	34	<10	4	82
572	L39E 46+ 50N	<5	<0.2	0.45	5	50	<5	0.14	<1	4	4	4	1.02	<10	0.06	59	<1	0.01	<1	180	26	<5	<20	6	0.14	<10	36	<10	5	30
573	L39E 46+ 75N	<5	0.4	3.58	15	115	5	0.46	<1	9	25	14	2.25	10	0.22	625	<1	0.02	6	800	52	<5	<20	32	0.14	<10	41	<10	52	57
574	L39E 47+ 00N	<5	<0.2	2.33	10	115	5	0.25	<1	11	16	17	3.22	<10	0.24	1176	<1	0.02	8	530	30	<5	<20	17	0.21	<10	57	<10	38	63
575	L39E 47+ 25N	<5	<0.2	2.11	10	55	<5	0.19	<1	7	7	10	2.55	<10	0.11	120	<1	0.01	6	1020	18	<5	<20	9	0.19	<10	42	<10	3	49
576	L39E 47+ 50N	<5	<0.2	2.19	5	30	5	0.04	<1	4	5	8	1.87	<10	0.05	64	<1	0.01	2	340	18	<5	<20	<1	0.14	<10	32	<10	3	25
577	L39E 47+ 75N	5	<0.2	3.88	15	55	10	0.06	<1	7	8	10	3.45	<10	0.08	91	<1	0.01	3	840	28	<5	<20	2	0.20	<10	51	10	2	36

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
578	L39E 48+ 00N	<5	<0.2	3.82	20	35	5	0.07	<1	7	8	11	2.57	<10	0.14	127	<1	0.01	4	650	26	<5	<20	1	0.16	<10	37	<10	9	51
579	L39E 48+ 25N	<5	<0.2	2.40	10	45	<5	0.09	<1	7	6	9	2.63	<10	0.08	77	<1	0.02	3	450	22	<5	<20	4	0.21	<10	45	<10	7	41
580	L39E 48+ 50N	<5	<0.2	5.55	25	10	5	0.05	<1	5	5	11	1.84	<10	0.05	31	<1	0.02	<1	1060	28	<5	<20	<1	0.16	<10	27	<10	22	28
581	L39E 48+ 75N	<5	<0.2	5.37	30	20	5	0.04	<1	6	7	15	2.68	<10	0.06	37	<1	0.01	3	930	26	<5	<20	<1	0.18	<10	36	10	12	21
582	L39E 49+ 00N	<5	<0.2	1.17	5	50	5	0.12	<1	6	5	7	2.50	<10	0.06	50	<1	0.01	2	430	18	<5	<20	4	0.20	<10	45	<10	2	25
583	L39E 49+ 25N	5	<0.2	3.27	15	50	5	0.10	<1	9	16	14	2.70	<10	0.32	200	<1	0.01	11	810	22	<5	<20	4	0.14	<10	35	<10	5	47
584	L39E 49+ 50N	<5	<0.2	1.36	10	20	5	0.04	<1	4	6	8	1.79	<10	0.08	40	<1	0.01	3	430	16	<5	<20	<1	0.15	<10	32	<10	5	19
585	L39E 49+ 75N	<5	0.2	5.61	25	15	5	0.04	<1	5	8	13	2.54	<10	0.05	34	<1	0.02	2	990	28	<5	<20	<1	0.14	<10	31	10	10	17
586	L39E 50+ 00N	<5	<0.2	4.72	20	35	5	0.04	<1	5	8	13	2.55	<10	0.07	46	<1	0.01	3	780	26	<5	<20	<1	0.15	<10	37	<10	2	27
587	L39E 50+ 25N	<5	0.2	5.34	20	20	10	0.03	<1	6	8	13	2.91	<10	0.04	22	<1	0.01	2	650	30	<5	<20	<1	0.16	<10	38	10	8	25
588	L39E 50+ 50N	<5	<0.2	3.76	15	40	<5	0.04	<1	5	7	8	2.92	<10	0.03	19	<1	0.01	<1	410	22	<5	<20	2	0.14	<10	32	<10	11	25
589	L39E 50+ 75N	5	<0.2	2.75	15	90	10	0.18	<1	11	13	10	3.53	<10	0.36	207	<1	0.02	10	420	24	<5	<20	12	0.23	<10	54	<10	12	70
590	L39E 51+ 00N	<5	<0.2	2.38	10	45	10	0.09	<1	7	10	12	2.29	<10	0.22	114	<1	0.01	5	580	20	<5	<20	2	0.15	<10	39	10	7	42
591	L39E 51+ 25N	<5	<0.2	3.13	15	50	5	0.07	<1	7	14	12	2.78	<10	0.25	101	<1	0.01	8	480	18	<5	<20	2	0.15	<10	39	<10	6	39
592	L39E 51+ 50N	<5	<0.2	1.21	5	35	5	0.08	<1	7	9	6	2.67	<10	0.16	85	<1	0.01	2	440	18	<5	<20	4	0.19	<10	60	<10	4	31
593	L39E 51+ 75N	<5	<0.2	2.90	10	65	5	0.09	<1	9	18	13	2.84	<10	0.33	127	<1	0.01	11	430	20	<5	<20	5	0.16	<10	40	<10	9	42
594	L39E 52+ 00N	<5	<0.2	2.91	10	35	<5	0.07	<1	5	5	11	1.66	<10	0.10	93	<1	0.01	2	780	22	<5	<20	2	0.14	<10	25	<10	19	37
595	L39E 52+ 25N	<5	<0.2	3.45	15	35	5	0.05	<1	6	6	10	3.67	<10	0.05	40	<1	0.01	2	810	18	<5	<20	1	0.16	<10	41	<10	<1	40
596	L39E 52+ 50N	<5	<0.2	4.01	15	40	<5	0.05	<1	6	5	21	2.10	<10	0.08	73	<1	0.02	3	770	24	<5	<20	4	0.19	<10	34	<10	21	33
597	L39E 52+ 75N	<5	<0.2	3.03	15	30	10	0.04	<1	5	7	12	2.35	<10	0.07	41	<1	0.01	2	510	22	<5	<20	1	0.17	<10	39	<10	5	34
598	L39E 53+ 00N	<5	<0.2	4.00	15	60	15	0.09	<1	13	13	12	4.64	<10	0.44	184	<1	0.01	8	690	26	<5	<20	4	0.30	<10	72	<10	11	59
599	L39E 53+ 25N	<5	<0.2	3.32	15	30	<5	0.05	<1	7	7	11	3.25	<10	0.04	27	<1	0.01	3	500	22	<5	<20	<1	0.23	<10	47	<10	6	21
600	L39E 53+ 50N	<5	0.4	4.19	15	50	10	0.06	<1	8	21	15	2.67	<10	0.29	78	<1	0.02	15	760	24	<5	<20	3	0.17	<10	40	<10	7	40
601	L39E 53+ 75N	<5	<0.2	3.10	15	35	5	0.07	<1	5	4	9	1.97	<10	0.07	41	<1	0.01	2	580	20	<5	<20	18	0.17	<10	30	<10	12	30
602	L39E 54+ 00N	<5	<0.2	3.12	15	35	10	0.08	<1	6	5	11	1.84	<10	0.08	48	<1	0.02	3	770	26	<5	<20	2	0.16	<10	27	10	20	32
603	L39+50E 40+ 00N	<5	<0.2	1.25	10	40	<5	0.07	<1	5	5	7	1.80	<10	0.10	142	<1	0.01	2	430	14	<5	<20	2	0.12	<10	32	<10	<1	21
604	L39+50E 40+ 25N	<5	<0.2	1.72	10	55	5	0.19	<1	6	7	7	1.89	<10	0.18	541	<1	0.01	4	580	26	<5	<20	10	0.13	<10	34	<10	6	44
605	L39+50E 40+ 50N	<5	<0.2	2.51	10	60	5	0.23	<1	7	8	6	2.74	<10	0.24	311	<1	0.01	4	630	22	<5	<20	10	0.13	<10	39	<10	7	50
606	L39+50E 40+ 75N	<5	<0.2	1.16	<5	50	5	0.10	<1	5	7	6	2.51	<10	0.12	85	<1	0.01	3	270	16	<5	<20	6	0.15	<10	44	<10	<1	27
607	L39+50E 41+ 00N	<5	<0.2	1.82	5	40	5	0.12	<1	6	7	7	2.21	<10	0.14	264	<1	0.01	1	360	22	<5	<20	6	0.18	<10	37	<10	8	31
608	L39+50E 41+ 25N	5	<0.2	1.69	10	85	5	0.24	<1	7	9	8	2.30	<10	0.29	715	<1	0.01	6	660	26	<5	<20	17	0.13	<10	35	<10	4	59
609	L39+50E 41+ 50N	<5	<0.2	2.37	15	65	<5	0.17	<1	8	9	7	3.07	<10	0.35	265	<1	0.02	6	550	24	<5	<20	10	0.15	<10	41	<10	2	56
610	L39+50E 41+ 75N	<5	<0.2	1.81	5	80	<5	0.14	<1	8	10	8	2.57	<10	0.28	430	<1	0.01	4	250	18	<5	<20	8	0.14	<10	39	<10	3	68
611	L39+50E 42+ 00N	<5	<0.2	1.01	10	45	5	0.12	<1	4	3	5	1.34	<10	0.07	42	<1	0.01	<1	260	22	<5	<20	6	0.15	<10	26	<10	7	29
612	L39+50E 42+ 25N	<5	<0.2	2.62	10	65	<5	0.08	<1	7	7	12	2.28	<10	0.14	243	<1	0.02	4	750	18	<5	<20	4	0.16	<10	39	<10	4	44
613	L39+50E 42+ 50N	<5	<0.2	3.11	10	55	10	0.13	<1	8	7	9	2.62	<10	0.25	291	<1	0.02	4	1230	24	<5	<20	5	0.19	<10	44	10	5	46
614	L39+50E 42+ 75N	<5	<0.2	3.07	10	35	5	0.05	<1	5	6	10	2.37	<10	0.07	77	<1	0.01	2	760	18	<5	<20	1	0.15	<10	36	<10	2	21
615	L39+50E 43+ 00N	<5	<0.2	4.09	20	50	10	0.12	<1	8	12	11	2.75	<10	0.28	171	<1	0.01	6	720	26	<5	<20	7	0.11	<10	36	<10	7	53
616	L39+50E 43+ 25N	<5	<0.2	2.49	15	50	5	0.10	<1	7	5	10	2.30	<10	0.10	84	<1	0.02	4	1050	26	<5	<20	6	0.22	<10	32	<10	14	31

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
617	L39+50E 43+ 50N	<5	<0.2	1.14	<5	25	<5	0.02	<1	2	1	5	0.79	<10	0.02	21	<1	0.01	<1	140	12	<5	<20	<1	0.08	<10	17	<10	2	9
618	L39+50E 43+ 75N	5	<0.2	1.26	10	45	10	0.13	<1	9	6	6	2.70	<10	0.29	289	<1	0.02	3	300	18	<5	<20	6	0.19	<10	50	<10	3	51
619	L39+50E 44+ 00N	<5	<0.2	1.33	<5	50	10	0.12	<1	9	6	6	2.81	<10	0.28	305	<1	0.02	4	290	22	<5	<20	7	0.20	<10	52	<10	3	51
620	L39+50E 44+ 25N	<5	<0.2	3.08	15	95	10	0.15	<1	10	10	9	3.22	<10	0.32	236	<1	0.02	8	930	28	<5	<20	7	0.19	<10	49	10	2	97
621	L39+50E 44+ 50N	<5	<0.2	2.14	10	75	10	0.13	<1	8	7	10	2.81	<10	0.13	401	<1	0.01	4	620	24	<5	<20	4	0.18	<10	44	<10	2	58
622	L39+50E 44+ 75N	<5	<0.2	2.00	5	85	10	0.17	1	7	7	13	2.85	<10	0.22	142	<1	0.01	5	690	22	<5	<20	11	0.13	<10	35	<10	12	59
623	L39+50E 45+ 00N	<5	0.6	2.05	15	180	10	0.50	2	13	11	15	2.81	<10	0.29	5573	<1	0.02	9	760	38	<5	<20	36	0.13	<10	40	<10	13	181
624	L39+50E 45+ 25N	<5	<0.2	1.28	5	125	10	0.23	<1	8	8	10	3.14	<10	0.21	617	<1	0.02	4	390	22	<5	<20	15	0.19	<10	48	<10	5	60
625	L39+50E 45+ 50N	<5	<0.2	1.90	10	95	5	0.35	<1	9	8	12	2.59	<10	0.26	724	<1	0.02	8	780	26	5	<20	27	0.12	<10	35	<10	22	59
626	L39+50E 45+ 75N	5	<0.2	1.15	<5	55	5	0.16	<1	7	7	6	2.52	<10	0.20	131	<1	0.01	4	550	16	<5	<20	9	0.17	<10	42	<10	3	55
627	L39+50E 46+ 00N	<5	<0.2	2.23	10	120	10	0.39	<1	11	10	10	2.63	<10	0.30	1809	<1	0.02	7	740	40	<5	<20	32	0.15	<10	45	<10	21	71
628	L39+50E 46+ 25N	<5	<0.2	2.12	10	100	5	0.28	<1	15	8	12	2.47	<10	0.24	945	<1	0.02	7	660	34	<5	<20	22	0.14	<10	43	<10	22	51
629	L39+50E 46+ 50N	<5	<0.2	1.89	5	90	10	0.22	<1	13	11	14	3.08	<10	0.26	468	<1	0.02	8	430	46	<5	<20	16	0.19	<10	52	<10	19	46
630	L39+50E 46+ 75N	<5	<0.2	1.78	10	110	5	0.20	<1	9	11	11	2.95	<10	0.23	380	<1	0.01	7	430	30	<5	<20	13	0.17	<10	46	<10	24	47
631	L39+50E 47+ 00N	<5	<0.2	1.22	<5	155	10	0.26	<1	12	12	13	3.14	<10	0.26	1244	<1	0.01	8	430	30	<5	<20	18	0.19	<10	51	<10	11	58
632	L39+50E 47+ 25N	<5	<0.2	2.31	<5	60	10	0.07	<1	8	10	12	2.85	<10	0.17	482	<1	0.01	5	670	22	<5	<20	5	0.16	<10	46	<10	4	48
633	L39+50E 47+ 50N	<5	<0.2	3.77	10	45	10	0.06	<1	6	8	13	2.38	<10	0.10	127	<1	0.01	4	640	26	<5	<20	3	0.15	<10	36	<10	11	34
634	L39+50E 47+ 75N	<5	<0.2	2.25	15	65	5	0.18	<1	7	9	10	2.96	<10	0.18	154	<1	0.01	6	620	26	<5	<20	8	0.18	<10	46	<10	12	33
635	L39+50E 48+ 00N	<5	<0.2	2.37	10	60	10	0.15	<1	10	8	13	2.25	<10	0.17	313	<1	0.01	5	540	30	<5	<20	6	0.15	<10	37	<10	22	35
636	L39+50E 48+ 25N	<5	<0.2	1.91	15	25	10	0.05	<1	5	6	8	2.61	<10	0.06	105	<1	0.01	2	470	26	<5	<20	<1	0.17	<10	44	<10	1	20
637	L39+50E 48+ 50N	<5	<0.2	2.96	10	30	5	0.04	<1	5	4	10	1.98	<10	0.04	411	<1	0.01	1	660	22	<5	<20	2	0.15	<10	32	<10	14	23
638	L39+50E 48+ 75N	<5	<0.2	3.94	10	55	10	0.08	<1	6	7	11	2.70	<10	0.10	96	<1	0.01	4	450	24	<5	<20	4	0.17	<10	37	<10	6	33
639	L39+50E 49+ 00N	<5	<0.2	2.64	10	65	10	0.10	<1	8	13	14	2.55	<10	0.33	185	<1	0.01	10	450	20	<5	<20	8	0.15	<10	37	<10	6	41
640	L39+50E 49+ 25N	<5	<0.2	2.35	10	60	10	0.07	<1	7	14	12	2.64	<10	0.28	146	<1	0.01	8	570	18	<5	<20	6	0.13	<10	39	<10	1	34
641	L39+50E 49+ 50N	<5	<0.2	3.79	15	25	5	0.03	<1	5	7	9	2.91	<10	0.03	25	<1	0.01	1	770	22	<5	<20	1	0.14	<10	37	<10	<1	13
642	L39+50E 49+ 75N	<5	<0.2	3.89	20	30	10	0.05	<1	5	7	9	2.75	<10	0.03	44	<1	0.01	1	780	30	<5	<20	1	0.15	<10	40	<10	5	17
643	L39+50E 50+ 00N	<5	<0.2	3.51	10	55	<5	0.06	<1	6	7	10	2.35	<10	0.14	114	<1	0.01	3	830	24	<5	<20	4	0.14	<10	38	<10	7	38
644	L39+50E 50+ 25N	<5	<0.2	3.83	10	50	10	0.05	<1	6	8	10	2.96	<10	0.10	59	<1	0.01	4	460	24	<5	<20	4	0.18	<10	44	<10	5	27
645	L39+50E 50+ 50N	<5	<0.2	2.96	5	105	10	0.39	<1	10	12	12	2.83	<10	0.36	383	<1	0.01	10	570	26	<5	<20	26	0.18	<10	45	<10	11	55
646	L39+50E 50+ 75N	<5	<0.2	2.93	5	90	10	0.32	<1	13	18	13	3.57	<10	0.52	676	<1	0.02	12	540	28	5	<20	22	0.22	<10	55	<10	9	90
647	L39+50E 51+ 00N	<5	<0.2	1.73	5	50	10	0.09	<1	6	7	10	2.42	<10	0.13	100	<1	0.01	4	360	22	<5	<20	5	0.21	<10	40	<10	8	34
648	L39+50E 51+ 25N	5	<0.2	1.90	10	40	<5	0.12	<1	3	3	6	0.42	<10	0.05	38	<1	0.02	1	490	22	<5	<20	6	0.13	<10	12	<10	14	21
649	L39+50E 51+ 50N	<5	<0.2	3.53	20	50	10	0.05	<1	6	10	11	2.65	<10	0.16	79	<1	0.01	4	690	26	<5	<20	1	0.17	<10	40	<10	8	26
650	L39+50E 51+ 75N	<5	<0.2	4.01	15	50	<5	0.07	<1	7	12	12	2.89	<10	0.18	79	<1	0.01	6	560	26	<5	<20	3	0.17	<10	42	<10	10	26
651	L39+50E 52+ 00N	<5	<0.2	3.45	10	30	10	0.05	<1	5	6	11	2.45	<10	0.09	59	<1	0.01	3	700	20	<5	<20	4	0.16	<10	36	<10	5	32
652	L39+50E 52+ 25N	<5	<0.2	4.29	15	35	10	0.04	<1	6	8	15	2.77	<10	0.10	59	<1	0.01	4	1070	28	<5	<20	2	0.17	<10	40	<10	12	26
653	L39+50E 52+ 50N	<5	<0.2	3.62	15	30	10	0.06	<1	6	10	12	2.59	<10	0.13	70	<1	0.01	4	510	26	<5	<20	2	0.16	<10	35	<10	7	30
654	L39+50E 52+ 75N	<5	<0.2	2.48	10	35	5	0.06	<1	4	4	8	1.98	<10	0.05	141	<1	0.01	<1	940	22	<5	<20	2	0.15	<10	32	<10	3	26
655	L39+50E 53+ 00N	<5	<0.2	2.83	10	35	10	0.06	<1	6	7	9	2.71	<10	0.14	75	<1	0.01	4	870	22	<5	<20	2	0.17	<10	42	<10	4	23

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
656	L39+50E 53+ 25N	<5	<0.2	3.71	15	40	10	0.05	<1	6	9	15	2.26	<10	0.17	85	<1	0.01	5	720	22	<5	<20	3	0.14	<10	33	<10	6	26
657	L39+50E 53+ 50N	<5	<0.2	3.30	15	35	10	0.04	<1	5	6	12	2.18	<10	0.06	87	<1	0.01	2	920	24	<5	<20	2	0.12	<10	36	<10	7	23
658	L39+50E 53+ 75N	<5	<0.2	5.97	25	20	5	0.04	<1	5	8	13	2.50	<10	0.05	50	<1	0.01	3	1410	34	<5	<20	2	0.14	<10	31	<10	5	25
659	L39+50E 54+ 00N	<5	<0.2	4.13	15	20	10	0.04	<1	5	7	11	2.20	<10	0.07	51	<1	0.01	4	910	28	<5	<20	2	0.16	<10	36	<10	4	19
660	L40E 40+ 00N	<5	<0.2	2.16	10	40	10	0.13	<1	6	10	9	2.00	<10	0.29	148	<1	0.01	8	690	20	5	<20	6	0.09	<10	28	<10	6	33
661	L40E 40+ 25N	<5	<0.2	1.91	5	55	10	0.15	<1	6	7	8	2.14	<10	0.21	318	<1	0.01	3	520	22	<5	<20	10	0.13	<10	35	<10	7	37
662	L40E 40+ 50N	<5	<0.2	2.34	10	65	10	0.17	<1	8	8	8	2.52	<10	0.21	458	<1	0.02	5	410	24	<5	<20	14	0.18	<10	45	<10	12	57
663	L40E 40+ 75N	<5	<0.2	1.29	<5	55	10	0.11	<1	7	8	7	2.84	<10	0.20	179	<1	0.01	4	300	20	5	<20	6	0.17	<10	44	<10	5	49
664	L40E 41+ 00N	<5	<0.2	1.13	<5	95	10	0.40	<1	6	6	8	3.27	<10	0.14	125	<1	0.01	3	410	24	<5	<20	36	0.22	<10	48	<10	7	35
665	L40E 41+ 25N	<5	<0.2	1.63	<5	60	10	0.17	<1	9	7	11	2.66	<10	0.16	202	<1	0.01	3	400	28	<5	<20	14	0.18	<10	39	<10	12	43
666	L40E 41+ 50N	<5	<0.2	1.33	<5	105	10	0.22	<1	7	9	8	3.05	<10	0.24	333	<1	0.02	6	210	38	<5	<20	22	0.19	<10	44	<10	4	49
667	L40E 41+ 75N	<5	<0.2	2.56	5	60	5	0.18	<1	9	12	9	2.74	<10	0.36	253	<1	0.01	7	610	22	<5	<20	10	0.13	<10	38	<10	6	51
668	L40E 42+ 00N	<5	<0.2	4.48	20	25	10	0.12	<1	5	5	9	1.82	<10	0.09	92	<1	0.02	3	670	26	<5	<20	9	0.17	<10	30	<10	12	19
669	L40E 42+ 25N	<5	<0.2	2.67	10	40	15	0.04	<1	5	5	7	2.32	<10	0.06	98	<1	0.01	<1	760	30	<5	<20	<1	0.16	<10	41	<10	7	36
670	L40E 42+ 50N	5	<0.2	2.05	5	75	10	0.11	<1	9	8	8	3.71	<10	0.18	339	<1	0.01	4	630	30	<5	<20	6	0.23	<10	62	<10	6	54
671	L40E 42+ 75N	<5	<0.2	2.23	10	75	10	0.15	<1	8	11	8	2.73	<10	0.35	180	<1	0.01	8	470	22	<5	<20	9	0.15	<10	43	<10	5	51
672	L40E 43+ 00N	<5	<0.2	5.03	20	45	20	0.06	<1	8	10	11	4.25	<10	0.15	69	<1	0.01	5	2100	36	<5	<20	2	0.24	<10	58	<10	5	40
673	L40E 43+ 25N	<5	<0.2	1.61	10	40	<5	0.08	<1	5	5	7	2.21	<10	0.07	57	<1	0.01	2	390	16	<5	<20	4	0.14	<10	36	<10	3	22
674	L40E 43+ 50N	<5	0.2	2.87	5	50	10	0.05	<1	6	6	7	2.67	<10	0.06	61	<1	0.01	2	300	26	<5	<20	3	0.19	<10	42	<10	6	26
675	L40E 43+ 75N	<5	<0.2	5.86	25	95	<5	0.15	<1	5	7	10	3.13	<10	0.07	84	<1	0.01	3	1150	34	<5	<20	11	0.15	<10	31	<10	6	38
676	L40E 44+ 00N	<5	<0.2	1.46	10	110	5	0.26	<1	11	7	8	2.27	<10	0.23	1260	<1	0.02	5	410	34	10	<20	21	0.15	<10	36	<10	16	75
677	L40E 44+ 25N	<5	<0.2	1.52	10	100	15	0.09	<1	9	9	10	4.10	<10	0.18	183	<1	0.01	6	980	30	<5	<20	5	0.26	<10	69	<10	4	119
678	L40E 44+ 50N	<5	<0.2	1.71	5	55	10	0.09	<1	10	7	10	2.97	<10	0.11	879	<1	0.02	3	440	40	<5	<20	6	0.23	<10	47	<10	18	58
679	L40E 44+ 75N	<5	<0.2	2.13	<5	65	10	0.13	<1	9	7	9	2.64	<10	0.18	335	<1	0.02	5	490	34	<5	<20	8	0.20	<10	43	<10	10	75
680	L40E 45+ 00N	<5	<0.2	1.62	<5	90	10	0.26	<1	9	8	8	2.93	<10	0.24	208	<1	0.01	6	370	34	<5	<20	19	0.16	<10	41	<10	13	123
681	L40E 45+ 25N	<5	<0.2	3.24	10	50	5	0.15	<1	8	7	12	2.18	<10	0.19	290	<1	0.02	3	480	30	<5	<20	10	0.14	<10	33	<10	20	66
682	L40E 45+ 50N	<5	<0.2	2.19	15	65	5	0.24	<1	9	8	12	2.31	<10	0.18	472	<1	0.02	4	540	54	<5	<20	18	0.11	<10	34	<10	31	70
683	L40E 45+ 75N	<5	<0.2	1.75	5	65	10	0.27	<1	10	8	10	2.83	<10	0.20	332	<1	0.02	4	410	34	<5	<20	21	0.18	<10	38	<10	29	72
684	L40E 46+ 00N	<5	<0.2	2.22	10	65	5	0.25	<1	7	8	13	2.35	<10	0.19	265	<1	0.02	6	540	28	<5	<20	21	0.13	<10	34	<10	26	58
685	L40E 46+ 25N	<5	<0.2	2.25	5	60	10	0.20	<1	7	8	12	2.50	<10	0.21	179	<1	0.02	6	470	28	<5	<20	14	0.14	<10	35	<10	30	51
686	L40E 46+ 50N	<5	<0.2	1.08	<5	65	<5	0.32	<1	5	5	8	1.68	10	0.11	102	<1	0.01	3	380	14	<5	<20	22	0.08	<10	25	<10	32	33
687	L40E 46+ 75N	<5	<0.2	2.74	10	80	<5	0.36	<1	9	11	12	2.28	10	0.26	599	<1	0.02	7	700	30	<5	<20	23	0.11	<10	36	<10	47	54
688	L40E 47+ 00N	<5	<0.2	1.96	5	85	10	0.32	<1	10	8	12	2.35	10	0.18	634	<1	0.01	4	560	32	<5	<20	21	0.15	<10	37	<10	38	48
689	L40E 47+ 25N	<5	<0.2	4.08	20	35	10	0.06	<1	7	7	13	2.46	<10	0.09	92	<1	0.02	4	740	30	<5	<20	2	0.18	<10	37	<10	9	34
690	L40E 47+ 50N	<5	<0.2	3.20	15	55	10	0.09	<1	8	8	13	2.41	<10	0.16	155	<1	0.02	5	550	30	<5	<20	5	0.18	<10	40	<10	20	30
691	L40E 47+ 75N	<5	<0.2	2.78	10	45	10	0.09	<1	7	8	10	2.94	<10	0.09	161	<1	0.01	3	550	22	<5	<20	3	0.18	<10	42	<10	3	39
692	L40E 48+ 00N	<5	<0.2	3.45	20	45	10	0.06	<1	7	8	11	2.94	<10	0.13	86	<1	0.02	4	710	28	<5	<20	4	0.19	<10	42	<10	7	37
693	L40E 48+ 25N	<5	<0.2	3.46	15	40	10	0.08	<1	6	6	10	2.57	<10	0.11	83	<1	0.01	4	450	26	<5	<20	4	0.17	<10	37	<10	11	35
694	L40E 48+ 50N	<5	<0.2	2.88	15	100	15	0.24	<1	10	13	11	3.58	<10	0.37	232	<1	0.02	11	530	26	<5	<20	17	0.21	<10	47	<10	22	67
695	L40E 48+ 75N	<5	<0.2	3.07	15	65	15	0.29	<1	10	13	10	3.13	<10	0.30	144	<1	0.02	7	390	24	<5	<20	19	0.20	<10	48	<10	44	50

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
696	L40E 49+ 00N	<5	<0.2	2.03	10	75	10	0.17	<1	9	13	8	4.02	<10	0.28	105	<1	0.01	7	230	24	<5	<20	13	0.22	10	49	<10	3	36
697	L40E 49+ 25N	<5	<0.2	1.48	5	80	10	0.50	<1	8	12	8	2.82	10	0.30	191	<1	0.02	3	370	26	<5	<20	34	0.19	<10	54	<10	45	48
698	L40E 49+ 50N	<5	<0.2	2.64	10	65	10	0.16	<1	9	10	10	2.75	<10	0.31	135	<1	0.02	6	430	22	<5	<20	11	0.19	<10	47	<10	7	47
699	L40E 49+ 75N	5	0.2	2.46	15	105	10	0.70	<1	14	15	15	2.60	20	0.51	2253	<1	0.02	9	980	36	15	<20	42	0.11	<10	46	<10	49	71
700	L40E 50+ 00N	<5	<0.2	3.60	15	50	5	0.13	<1	8	9	13	2.64	<10	0.21	176	<1	0.02	6	610	30	5	<20	9	0.18	<10	42	<10	18	45
701	L40E 50+ 25N	<5	<0.2	4.02	10	40	5	0.05	<1	6	8	12	2.50	<10	0.10	91	<1	0.02	2	620	26	<5	<20	5	0.18	<10	38	<10	11	27
702	L40E 50+ 50N	<5	<0.2	5.07	15	25	5	0.04	<1	6	6	15	2.52	<10	0.06	63	<1	0.02	2	800	30	<5	<20	<1	0.19	<10	35	<10	17	26
703	L40E 50+ 75N	<5	<0.2	4.36	15	40	10	0.06	<1	6	13	12	2.96	<10	0.15	78	<1	0.01	4	700	28	<5	<20	1	0.14	<10	38	<10	7	31
704	L40E 51+ 00N	5	<0.2	5.64	25	25	5	0.03	<1	5	8	13	3.02	<10	0.03	39	<1	0.01	<1	920	36	<5	<20	<1	0.15	<10	43	<10	12	15
705	L40E 51+ 25N	<5	<0.2	3.28	10	45	15	0.05	<1	6	7	8	4.03	<10	0.02	23	<1	0.01	<1	740	28	<5	<20	3	0.20	<10	51	<10	4	20
706	L40E 51+ 50N	<5	<0.2	5.89	20	30	10	0.05	<1	5	10	13	3.21	<10	0.07	55	<1	0.02	2	1200	38	<5	<20	3	0.15	<10	37	<10	9	23
707	L40E 51+ 75N	<5	<0.2	4.96	25	30	10	0.05	<1	6	11	14	3.07	<10	0.09	59	<1	0.01	3	850	30	<5	<20	2	0.17	<10	41	<10	7	21
708	L40E 52+ 00N	5	<0.2	5.49	20	25	5	0.06	<1	6	10	13	2.59	<10	0.15	72	<1	0.02	4	910	34	<5	<20	3	0.16	<10	32	<10	10	21
709	L40E 52+ 25N	<5	<0.2	4.16	20	65	10	0.12	<1	11	22	17	4.09	<10	0.57	189	<1	0.01	14	1070	28	<5	<20	7	0.16	<10	50	<10	3	42
710	L40E 52+ 50N	<5	<0.2	5.28	25	10	5	0.05	<1	5	6	14	1.90	<10	0.08	45	<1	0.02	3	990	32	5	<20	3	0.14	<10	27	<10	11	20
711	L40E 52+ 75N	<5	<0.2	5.60	20	25	10	0.05	<1	7	9	16	3.37	<10	0.08	110	<1	0.02	4	900	32	<5	<20	2	0.19	<10	44	<10	7	22
712	L40E 53+ 00N	5	0.2	7.55	30	20	10	0.03	<1	5	11	12	3.69	<10	0.04	34	<1	0.01	<1	1500	38	<5	<20	1	0.16	<10	41	<10	10	20
713	L40E 53+ 25N	<5	<0.2	5.80	20	40	<5	0.04	<1	6	9	13	3.14	<10	0.04	53	<1	0.02	2	1180	32	<5	<20	3	0.16	<10	48	<10	15	18
714	L40E 53+ 50N	<5	<0.2	3.63	20	60	10	0.11	<1	9	17	20	3.02	<10	0.49	209	<1	0.01	12	970	26	<5	<20	8	0.15	<10	46	<10	6	68
715	L40E 53+ 75N	5	<0.2	5.26	20	35	5	0.05	<1	6	9	13	2.65	<10	0.10	64	<1	0.02	3	1030	30	<5	<20	3	0.15	<10	39	<10	7	30
716	L40E 54+ 00N	<5	<0.2	4.27	20	55	5	0.08	<1	7	15	13	2.15	<10	0.31	113	1	0.01	9	470	30	5	<20	5	0.13	<10	39	<10	10	47
717	L40E+50E 40+ 00N	5	<0.2	1.70	10	55	<5	0.17	2	6	7	7	2.68	<10	0.15	127	2	0.02	10	470	20	5	<20	13	0.10	<10	46	<10	6	37
718	L40E+50E 40+ 25N	<5	<0.2	1.91	5	80	10	0.33	2	5	6	7	1.95	<10	0.21	611	2	0.02	9	880	24	5	<20	18	0.06	<10	34	<10	6	48
719	L40E+50E 40+ 50N	<5	<0.2	2.17	10	60	5	0.11	2	7	9	7	3.72	<10	0.18	109	1	0.01	13	400	28	5	<20	9	0.08	<10	47	<10	<1	41
720	L40E+50E 40+ 75N	<5	<0.2	2.18	10	50	10	0.08	3	6	8	9	3.33	<10	0.11	105	1	0.01	11	370	26	5	<20	7	0.09	<10	46	<10	6	42
721	L40E+50E 41+ 00N	<5	<0.2	1.03	5	45	10	0.13	2	8	15	9	3.22	<10	0.20	180	1	0.01	13	340	22	5	<20	11	0.10	<10	61	<10	3	40
722	L40E+50E 41+ 25N	5	<0.2	2.64	<5	70	10	0.39	3	5	7	7	3.29	<10	0.11	59	1	0.01	10	410	32	5	<20	40	0.06	<10	43	<10	4	35
723	L40E+50E 41+ 50N	<5	<0.2	1.51	<5	60	10	0.21	3	9	7	7	3.67	<10	0.21	205	2	0.02	13	170	20	5	<20	20	0.11	<10	65	<10	8	32
724	L40E+50E 41+ 75N	<5	<0.2	1.27	<5	35	5	0.11	1	5	5	7	2.01	<10	0.07	43	1	0.01	6	200	22	5	<20	12	0.09	<10	27	<10	12	27
725	L40E+50E 42+ 00N	<5	<0.2	2.91	15	65	15	0.19	3	10	11	7	4.78	<10	0.36	183	1	0.02	16	760	24	5	<20	16	0.11	<10	70	<10	<1	52
726	L40E+50E 42+ 25N	10	0.6	2.75	10	160	<5	0.33	5	10	12	9	3.92	<10	0.34	278	2	0.02	27	620	30	5	<20	34	0.04	<10	51	<10	<1	132
727	L40E+50E 42+ 50N	<5	<0.2	1.45	5	80	15	0.12	<1	8	9	9	3.02	<10	0.20	347	<1	0.01	4	860	26	<5	<20	7	0.19	<10	46	<10	5	55
728	L40E+50E 42+ 75N	<5	<0.2	2.43	<5	85	10	0.13	<1	9	10	11	3.61	<10	0.28	254	<1	0.01	5	3470	26	<5	<20	8	0.18	<10	39	<10	<1	81
729	L40E+50E 43+ 00N	5	<0.2	2.48	10	70	10	0.12	<1	8	7	9	3.09	<10	0.19	557	<1	0.01	3	2330	24	<5	<20	6	0.19	<10	44	<10	2	57
730	L40E+50E 43+ 25N	<5	<0.2	2.73	15	50	10	0.11	<1	7	9	8	3.38	<10	0.20	111	<1	0.01	3	850	24	<5	<20	4	0.15	<10	48	<10	3	43
731	L40E+50E 43+ 50N	<5	<0.2	4.04	20	40	5	0.11	<1	8	10	8	2.97	<10	0.28	252	<1	0.01	4	1750	26	<5	<20	5	0.13	<10	38	<10	1	51
732	L40E+50E 43+ 75N	<5	<0.2	3.68	20	45	10	0.08	<1	6	11	10	2.98	<10	0.22	115	<1	0.01	4	1070	26	<5	<20	4	0.12	<10	44	<10	2	64
733	L40E+50E 44+ 00N	<5	0.4	1.95	15	185	<5	0.92	5	11	6	9	1.67	20	0.23	3056	<1	0.01	4	1370	112	<5	<20	80	0.05	<10	26	<10	36	160
734	L40E+50E 44+ 25N	<5	<0.2	2.16	5	90	5	0.11	<1	10	9	9	2.73	<10	0.22	1428	<1	0.02	7	500	42	<5	<20	7	0.18	<10	44	<10	8	135
735	L40E+50E 44+ 50N	<5	<0.2	1.14	<5	35	10	0.09	<1	6	6	6	2.45	<10	0.15	153	<1	0.01	3	560	16	<5	<20	7	0.18	<10	46	<10	7	39

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
736	L40E+50E 44+ 75N	<5	<0.2	1.31	<5	40	5	0.10	<1	5	6	6	2.00	<10	0.17	94	<1	0.01	2	450	14	<5	<20	10	0.12	<10	33	<10	5	34
737	L40E+50E 45+ 00N	<5	<0.2	2.03	10	40	5	0.20	<1	6	6	10	1.89	<10	0.16	198	<1	0.01	4	500	30	<5	<20	14	0.11	<10	29	<10	21	46
738	L40E+50E 45+ 25N	<5	<0.2	2.91	10	65	10	0.24	<1	9	9	12	2.90	<10	0.21	197	<1	0.02	6	520	36	<5	<20	18	0.16	<10	39	<10	34	66
739	L40E+50E 45+ 50N	5	<0.2	1.77	10	55	10	0.16	<1	8	8	10	2.44	<10	0.23	171	<1	0.02	6	320	26	<5	<20	11	0.20	<10	44	<10	23	49
740	L40E+50E 45+ 75N	5	<0.2	2.38	10	60	10	0.26	<1	10	9	13	2.56	<10	0.23	374	<1	0.02	6	590	26	<5	<20	22	0.14	<10	37	<10	32	54
741	L40E+50E 46+ 00N	<5	<0.2	2.81	<5	65	5	0.13	<1	7	11	11	3.06	<10	0.21	122	<1	0.01	6	350	22	<5	<20	8	0.14	<10	36	<10	5	44
742	L40E+50E 46+ 25N	<5	<0.2	1.85	10	55	5	0.13	<1	7	6	12	1.89	<10	0.16	110	<1	0.01	5	450	22	<5	<20	11	0.13	<10	31	<10	22	32
743	L40E+50E 46+ 50N	10	<0.2	2.04	5	60	10	0.20	<1	7	8	9	3.26	<10	0.19	101	<1	0.02	4	320	22	<5	<20	14	0.20	<10	41	<10	29	40
744	L40E+50E 46+ 75N	<5	<0.2	3.34	15	55	5	0.14	<1	8	9	10	2.72	<10	0.24	126	<1	0.01	7	480	26	<5	<20	7	0.16	<10	41	<10	20	45
745	L40E+50E 47+ 00N	5	<0.2	4.25	15	35	5	0.06	<1	5	5	13	2.57	<10	0.05	51	<1	0.01	2	900	28	<5	<20	3	0.16	<10	37	<10	14	28
746	L40E+50E 47+ 25N	<5	<0.2	2.33	10	65	5	0.17	<1	7	7	8	2.41	<10	0.35	182	<1	0.02	4	630	18	<5	<20	10	0.14	<10	37	<10	8	35
747	L40E+50E 47+ 50N	<5	<0.2	2.73	10	75	10	0.18	<1	7	6	11	2.47	<10	0.10	260	<1	0.02	4	430	24	<5	<20	7	0.19	<10	39	<10	18	40
748	L40E+50E 47+ 75N	<5	<0.2	0.68	<5	35	10	0.12	<1	7	3	5	1.99	<10	0.12	75	<1	0.02	1	170	18	<5	<20	7	0.27	<10	60	<10	12	23
749	L40E+50E 48+ 00N	<5	<0.2	3.15	15	35	10	0.08	<1	4	5	9	1.07	<10	0.11	39	<1	0.02	2	420	24	5	<20	6	0.16	<10	21	<10	25	22
750	L40E+50E 48+ 25N	<5	<0.2	2.01	10	90	5	0.81	<1	8	13	8	2.05	20	0.36	597	<1	0.02	6	690	26	10	<20	58	0.09	<10	35	<10	60	48
751	L40E+50E 48+ 50N	<5	<0.2	1.07	<5	35	10	0.06	<1	5	4	8	1.40	<10	0.06	32	<1	0.01	2	210	22	<5	<20	4	0.21	<10	23	<10	22	21
752	L40E+50E 48+ 75N	<5	0.4	2.35	10	60	5	0.21	<1	5	9	11	1.90	20	0.23	93	<1	0.02	5	750	50	<5	<20	21	0.06	<10	31	<10	47	41
753	L40E+50E 49+ 00N	5	<0.2	1.54	<5	35	5	0.10	<1	6	8	7	2.22	<10	0.20	102	<1	0.01	3	370	18	5	<20	7	0.14	<10	40	<10	6	33
754	L40E+50E 49+ 25N	<5	<0.2	4.46	25	45	10	0.07	<1	7	12	13	3.13	<10	0.17	80	<1	0.02	5	940	30	<5	<20	3	0.17	<10	46	<10	10	32
755	L40E+50E 49+ 50N	<5	<0.2	4.50	20	45	5	0.10	<1	8	12	13	3.09	<10	0.26	128	<1	0.02	5	1070	30	<5	<20	7	0.17	<10	43	<10	7	50
756	L40E+50E 49+ 75N	<5	<0.2	5.06	20	30	10	0.05	<1	5	8	10	2.45	<10	0.08	54	<1	0.01	3	830	30	<5	<20	2	0.15	<10	37	<10	10	28
757	L40E+50E 50+ 00N	<5	<0.2	4.22	15	65	5	0.10	<1	6	9	11	2.60	<10	0.14	137	<1	0.02	3	830	26	<5	<20	8	0.16	<10	40	<10	7	32
758	L40E+50E 50+ 25N	<5	<0.2	0.56	<5	20	10	0.07	<1	4	3	4	1.04	<10	0.10	63	<1	0.01	<1	160	12	<5	<20	4	0.16	<10	33	<10	8	15
759	L40E+50E 50+ 50N	<5	<0.2	3.81	10	25	10	0.03	<1	5	6	12	2.25	<10	0.04	55	<1	0.02	<1	690	26	<5	<20	<1	0.15	<10	34	<10	10	25
760	L40E+50E 50+ 75N	<5	<0.2	4.89	15	25	10	0.03	<1	5	7	9	3.19	<10	0.02	31	<1	0.01	<1	830	32	<5	<20	<1	0.16	<10	45	<10	6	18
761	L40E+50E 51+ 00N	<5	<0.2	1.78	10	35	15	0.08	<1	7	7	8	3.06	<10	0.08	55	<1	0.01	2	750	24	<5	<20	3	0.24	<10	63	<10	6	22
762	L40E+50E 51+ 25N	<5	<0.2	4.31	20	35	10	0.05	<1	5	7	10	2.49	<10	0.08	53	<1	0.01	3	780	26	<5	<20	2	0.14	<10	36	<10	5	26
763	L40E+50E 51+ 50N	<5	<0.2	2.25	10	50	5	0.09	<1	7	10	12	2.02	<10	0.17	146	<1	0.01	6	520	20	<5	<20	4	0.15	<10	35	<10	15	32
764	L40E+50E 51+ 75N	<5	<0.2	5.53	25	25	10	0.03	<1	6	9	13	3.70	<10	0.04	33	<1	0.01	<1	850	30	<5	<20	<1	0.17	<10	48	<10	6	26
765	L40E+50E 52+ 00N	<5	<0.2	5.93	25	25	10	0.04	<1	5	9	13	3.11	<10	0.04	50	<1	0.02	1	910	32	<5	<20	2	0.16	<10	41	<10	11	25
766	L40E+50E 52+ 25N	<5	<0.2	5.03	25	25	5	0.04	<1	7	9	15	2.65	<10	0.10	220	<1	0.02	3	1250	32	<5	<20	<1	0.18	<10	39	<10	11	33
767	L40E+50E 52+ 50N	<5	<0.2	3.76	15	40	10	0.06	<1	7	10	14	2.92	<10	0.19	92	<1	0.02	5	760	26	<5	<20	4	0.19	<10	47	<10	8	29
768	L40E+50E 52+ 75N	<5	<0.2	3.92	15	25	10	0.03	<1	5	6	13	2.54	<10	0.04	42	<1	0.02	2	700	24	<5	<20	<1	0.15	<10	35	<10	10	23
769	L40E+50E 53+ 00N	10	<0.2	2.62	10	25	10	0.05	<1	4	5	8	1.78	<10	0.04	63	<1	0.01	<1	600	22	<5	<20	2	0.13	<10	32	<10	9	23
770	L40E+50E 53+ 25N	<5	<0.2	4.69	15	30	10	0.04	<1	6	6	12	2.90	<10	0.04	41	<1	0.01	1	880	26	<5	<20	2	0.18	<10	34	<10	19	21
771	L40E+50E 53+ 50N	<5	<0.2	4.03	15	45	<5	0.08	2	4	7	14	1.60	<10	0.11	27	<1	0.02	3	460	14	<5	<20	9	0.12	<10	19	<10	25	20
772	L40E+50E 53+ 75N NO SAMPLE																													
773	L40E+50E 54+ 00N NO SAMPLE																													
774	L41E 40+ 00N	5	<0.2	1.54	<5	50	10	0.12	2	10	9	11	2.63	<10	0.26	368	<1	0.02	5	450	16	<5	<20	9	0.16	<10	41	<10	12	54

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
775	L41E 40+ 25N	5	<0.2	2.09	10	65	<5	0.38	<1	8	7	7	2.08	<10	0.42	325	<1	0.02	3	1040	18	<5	<20	21	0.10	<10	31	<10	16	40
776	L41E 40+ 50N	10	<0.2	2.31	10	55	10	0.19	<1	7	7	8	2.28	<10	0.24	209	<1	0.02	3	720	16	<5	<20	9	0.12	<10	38	<10	10	41
777	L41E 40+ 75N	5	<0.2	2.33	10	55	<5	0.14	2	6	7	8	2.86	<10	0.17	137	<1	0.02	3	440	22	<5	<20	11	0.15	<10	37	10	5	56
778	L41E 41+ 00N	5	<0.2	1.73	10	70	10	0.28	2	9	8	9	2.26	10	0.25	291	<1	0.03	5	470	22	<5	<20	25	0.09	<10	34	20	26	54
779	L41E 41+ 25N	5	<0.2	0.47	<5	25	<5	0.09	2	5	4	6	1.38	<10	0.10	79	<1	0.02	2	150	12	<5	<20	6	0.13	<10	37	<10	7	27
780	L41E 41+ 50N	<5	<0.2	1.35	5	60	<5	0.37	<1	4	6	6	1.14	10	0.16	78	<1	0.02	2	610	70	<5	<20	42	0.09	<10	25	<10	22	44
781	L41E 41+ 75N	5	<0.2	0.67	5	60	<5	0.48	<1	6	5	5	1.37	<10	0.15	131	<1	0.02	2	190	18	<5	<20	47	0.19	<10	35	10	15	32
782	L41E 42+ 00N	5	0.2	2.38	10	75	<5	0.83	1	6	10	9	1.67	20	0.25	244	<1	0.03	3	980	18	<5	<20	84	0.06	60	37	<10	47	60
783	L41E 42+ 25N	10	<0.2	1.30	<5	190	10	0.17	<1	10	13	7	3.81	<10	0.42	566	<1	0.01	8	270	16	<5	<20	18	0.21	<10	61	<10	4	66
784	L41E 42+ 50N	<5	<0.2	1.71	10	110	5	0.45	2	10	10	10	2.48	10	0.35	584	<1	0.03	6	380	28	<5	<20	50	0.14	<10	47	<10	21	76
785	L41E 42+ 75N	5	<0.2	2.71	5	110	<5	0.42	1	12	12	14	2.87	10	0.42	788	<1	0.03	8	900	26	5	<20	42	0.09	<10	40	<10	34	83
786	L41E 43+ 00N	15	<0.2	1.96	<5	100	5	0.28	1	12	10	10	2.77	10	0.33	1142	<1	0.03	6	430	30	<5	<20	30	0.15	<10	48	<10	27	56
787	L41E 43+ 25N	5	<0.2	2.17	10	50	10	0.14	<1	10	8	9	2.90	<10	0.22	388	<1	0.02	4	300	24	<5	<20	12	0.19	<10	43	<10	31	36
788	L41E 43+ 50N	5	<0.2	3.46	15	40	5	0.06	1	6	7	9	3.40	<10	0.10	81	<1	0.03	1	520	20	<5	<20	3	0.16	<10	47	<10	1	38
789	L41E 43+ 75N	10	<0.2	2.61	10	65	5	0.16	1	8	9	9	3.02	<10	0.23	177	<1	0.03	5	520	30	<5	<20	8	0.18	<10	48	<10	6	112
790	L41E 44+ 00N	5	<0.2	2.24	5	45	<5	0.11	3	6	7	8	2.72	<10	0.18	101	<1	0.02	3	320	22	<5	<20	9	0.15	<10	43	<10	3	56
791	L41E 44+ 25N	5	<0.2	2.55	<5	45	5	0.07	3	6	8	9	3.42	<10	0.10	97	<1	0.03	3	710	20	<5	<20	6	0.17	<10	47	<10	2	44
792	L41E 44+ 50N	5	<0.2	1.97	<5	60	5	0.16	<1	9	8	9	2.58	<10	0.29	179	<1	0.02	6	270	30	<5	<20	14	0.17	<10	40	<10	26	42
793	L41E 44+ 75N	5	<0.2	2.39	<5	70	5	0.09	1	8	8	11	2.78	<10	0.17	272	<1	0.03	4	490	22	<5	<20	7	0.18	<10	45	<10	8	52
794	L41E 45+ 00N	10	<0.2	2.05	<5	90	10	0.24	2	14	12	11	3.31	<10	0.39	441	<1	0.03	7	310	32	<5	<20	22	0.21	<10	52	<10	15	57
795	L41E 45+ 25N	5	<0.2	3.14	10	130	10	0.31	<1	20	19	14	4.20	<10	0.70	1279	<1	0.02	16	590	20	<5	<20	26	0.16	<10	55	<10	18	57
796	L41E 45+ 50N	5	<0.2	1.62	10	75	<5	0.26	1	6	11	9	1.59	<10	0.27	141	<1	0.03	6	680	22	<5	<20	23	0.05	<10	29	<10	13	49
797	L41E 45+ 75N	10	<0.2	2.75	5	60	5	0.11	<1	9	11	13	2.55	<10	0.32	152	<1	0.02	6	310	16	<5	<20	10	0.15	<10	39	<10	17	44
798	L41E 46+ 00N	5	<0.2	2.07	<5	65	5	0.10	<1	6	7	7	2.72	<10	0.11	56	<1	0.01	1	150	18	<5	<20	9	0.20	<10	49	<10	6	25
799	L41E 46+ 25N	<5	<0.2	2.62	<5	55	<5	0.16	<1	6	8	10	2.96	<10	0.16	78	<1	0.03	3	320	14	<5	<20	13	0.17	<10	42	<10	5	34
800	L41E 46+ 50N	10	<0.2	2.58	<5	55	10	0.08	<1	8	8	9	4.58	<10	0.12	72	<1	0.01	2	310	18	<5	<20	7	0.23	<10	57	<10	4	31
801	L41E 46+ 75N	10	<0.2	4.05	15	60	10	0.07	<1	8	10	18	2.65	<10	0.22	125	<1	0.02	5	590	18	<5	<20	5	0.18	<10	45	<10	16	49
802	L41E 47+ 00N	<5	<0.2	3.80	15	55	5	0.12	<1	8	8	8	3.03	<10	0.27	158	<1	0.03	5	1300	18	<5	<20	8	0.16	<10	45	<10	5	44
803	L41E 47+ 25N	<5	0.6	1.64	<5	60	<5	0.30	<1	2	4	14	1.17	30	0.07	34	<1	0.03	2	1510	8	<5	<20	25	0.01	<10	18	<10	50	46
804	L41E 47+ 50N	<5	<0.2	0.87	<5	60	10	0.08	<1	7	4	6	2.99	<10	0.08	50	<1	0.02	1	140	16	<5	<20	4	0.26	<10	66	<10	7	22
805	L41E 47+ 75N	<5	<0.2	0.50	<5	25	<5	0.12	<1	4	2	3	0.71	<10	0.14	76	<1	0.02	<1	190	12	<5	<20	7	0.14	<10	23	<10	9	21
806	L41E 48+ 00N	5	<0.2	4.28	5	45	<5	0.05	<1	6	4	13	2.59	<10	0.05	52	<1	0.02	<1	840	18	<5	<20	6	0.17	<10	37	<10	14	35
807	L41E 48+ 25N	<5	<0.2	3.59	15	40	<5	0.04	<1	6	4	12	2.49	<10	0.05	49	<1	0.01	1	560	22	<5	<20	3	0.16	<10	33	<10	21	29
808	L41E 48+ 50N	5	<0.2	4.38	15	45	10	0.11	<1	6	8	12	3.02	<10	0.09	174	<1	0.02	2	800	22	<5	<20	5	0.17	<10	40	<10	4	50
809	L41E 48+ 75N	<5	<0.2	3.83	10	50	<5	0.05	3	6	7	9	2.45	<10	0.10	110	2	0.03	9	780	22	10	<20	9	0.06	<10	36	<10	3	29
810	L41E 49+ 00N	5	<0.2	5.68	115	<5	20	0.04	<1	9	12	12	2.78	<10	0.09	52	<1	0.02	<1	1220	80	<5	<20	<1	0.17	20	35	<10	34	46
811	L41E 49+ 25N	10	<0.2	3.20	10	70	<5	0.05	<1	8	12	12	3.34	<10	0.24	135	<1	0.01	6	640	18	<5	<20	7	0.13	<10	42	<10	9	68
812	L41E 49+ 50N	5	<0.2	4.12	15	55	5	0.05	<1	8	12	15	2.81	<10	0.26	123	<1	0.01	6	790	18	<5	<20	3	0.16	<10	38	<10	8	40
813	L41E 49+ 75N	<5	<0.2	3.42	15	50	<5	0.06	<1	7	12	9	3.01	<10	0.24	111	<1	0.01	5	590	16	<5	<20	4	0.14	<10	42	<10	3	40

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
814	L41E 50+ 00N	5	<0.2	3.52	15	45	<5	0.11	<1	8	4	11	2.51	<10	0.06	257	<1	0.04	2	930	20	<5	<20	8	0.17	<10	33	<10	11	36
815	L41E 50+ 25N	<5	<0.2	1.80	5	30	5	0.04	<1	4	4	7	2.09	<10	0.05	44	<1	0.01	<1	440	16	<5	<20	3	0.14	<10	37	<10	2	26
816	L41E 50+ 50N	<5	<0.2	7.40	20	25	5	0.03	<1	6	8	10	3.55	<10	0.04	84	<1	0.03	<1	1180	22	<5	<20	2	0.18	<10	43	10	6	31
817	L41E 50+ 75N	<5	<0.2	2.72	<5	40	15	0.04	<1	9	6	12	5.04	<10	0.06	81	<1	0.01	2	1040	20	<5	<20	2	0.28	<10	59	<10	4	33
818	L41E 51+ 00N	<5	<0.2	5.08	15	45	10	0.04	<1	7	10	14	2.83	<10	0.15	102	<1	0.03	3	1100	20	<5	<20	1	0.16	<10	38	<10	5	40
819	L41E 51+ 25N	5	<0.2	6.22	25	20	<5	0.04	<1	6	8	13	2.83	<10	0.07	46	<1	0.04	3	940	24	<5	<20	2	0.16	<10	33	<10	9	26
820	L41E 51+ 50N	<5	<0.2	2.98	10	50	<5	0.03	<1	5	5	9	2.21	<10	0.04	371	<1	0.01	<1	830	20	<5	<20	3	0.13	<10	38	<10	5	36
821	L41E 51+ 75N	<5	<0.2	3.98	20	35	<5	0.05	1	7	10	13	3.96	<10	0.11	124	<1	0.02	2	1260	26	<5	<20	4	0.20	<10	52	<10	<1	35
822	L41E 52+ 00N	<5	<0.2	2.42	10	30	10	0.03	<1	6	6	9	2.78	<10	0.03	47	<1	0.02	<1	390	22	<5	<20	<1	0.18	<10	45	10	5	26
823	L41E 52+ 25N	5	<0.2	5.14	20	40	5	0.05	<1	7	10	11	4.00	<10	0.08	51	<1	0.03	1	1290	26	<5	<20	3	0.19	10	48	20	<1	23
824	L41E 52+ 50N	<5	<0.2	3.74	10	70	10	0.07	<1	9	10	14	2.82	<10	0.33	193	<1	0.01	6	1050	16	<5	<20	5	0.15	<10	42	<10	3	53
825	L41E 52+ 75N	<5	<0.2	4.58	20	60	5	0.06	<1	9	15	16	4.14	<10	0.34	145	<1	0.02	8	1480	22	<5	<20	5	0.18	<10	54	<10	3	50
826	L41E 53+ 00N	5	<0.2	4.75	15	40	<5	0.04	<1	6	8	16	2.47	<10	0.16	71	<1	0.03	3	770	18	<5	<20	2	0.16	<10	35	<10	9	31
827	L41E 53+ 25N	<5	<0.2	1.35	<5	35	<5	0.02	<1	3	2	7	1.41	<10	0.03	19	<1	0.02	<1	150	14	<5	<20	2	0.10	<10	23	<10	3	13
828	L41E 53+ 50N	<5	<0.2	0.89	<5	45	5	0.07	<1	8	2	4	1.83	<10	0.36	142	<1	0.01	<1	150	16	<5	<20	6	0.23	<10	40	<10	9	26
829	L41E 53+ 75N	<5	<0.2	3.59	10	20	<5	0.12	<1	3	4	6	0.47	10	0.07	17	<1	0.03	1	580	16	<5	<20	7	0.14	<10	12	<10	46	14
830	L41E 54+ 00N	NO SAMPLE																												
831	L41+50E 40+ 00N	<5	<0.2	1.72	5	35	<5	0.06	<1	3	2	7	0.78	<10	0.06	37	<1	0.01	<1	320	20	<5	<20	6	0.09	<10	11	<10	19	20
832	L41+50E 40+ 25N	<5	<0.2	1.97	10	75	5	0.22	<1	7	6	7	2.14	<10	0.33	320	<1	0.03	3	640	18	<5	<20	15	0.12	<10	35	<10	8	49
833	L41+50E 40+ 50N	10	<0.2	3.59	15	35	<5	0.06	<1	6	6	8	2.35	<10	0.13	109	<1	0.02	1	590	18	<5	<20	3	0.13	<10	32	<10	14	34
834	L41+50E 40+ 75N	15	<0.2	1.87	15	35	<5	0.29	<1	6	6	6	1.66	<10	0.28	122	<1	0.01	2	1240	16	<5	<20	11	0.06	<10	23	<10	15	32
835	L41+50E 41+ 00N	10	<0.2	3.79	15	30	<5	0.10	<1	7	5	11	1.68	<10	0.09	193	<1	0.01	2	600	20	<5	<20	7	0.10	<10	23	<10	17	29
836	L41+50E 41+ 25N	5	<0.2	2.55	5	70	<5	0.20	<1	8	8	10	1.56	<10	0.23	258	<1	0.02	5	420	28	<5	<20	19	0.14	<10	29	<10	27	50
837	L41+50E 41+ 50N	<5	<0.2	2.53	15	60	<5	0.79	<1	8	8	10	1.67	20	0.19	137	<1	0.03	4	640	22	<5	<20	87	0.09	30	29	10	40	43
838	L41+50E 41+ 75N	<5	0.4	2.91	15	110	<5	0.93	3	12	15	42	2.68	10	0.28	1570	2	0.03	16	710	24	<5	<20	111	0.09	30	56	<10	46	88
839	L41+50E 42+ 00N	<5	<0.2	1.96	<5	60	10	0.06	1	8	8	8	3.94	<10	0.09	86	<1	0.02	3	220	22	<5	<20	5	0.22	<10	51	<10	11	34
840	L41+50E 42+ 25N	<5	<0.2	2.51	<5	50	<5	0.23	1	9	5	11	2.29	<10	0.13	146	<1	0.03	2	300	18	<5	<20	27	0.13	<10	26	<10	26	30
841	L41+50E 42+ 50N	<5	<0.2	3.43	<5	45	<5	0.07	5	6	7	10	2.93	<10	0.09	56	<1	0.02	5	370	24	<5	<20	9	0.15	<10	29	<10	25	42
842	L41+50E 42+ 75N	<5	<0.2	2.73	10	100	5	0.56	7	10	12	13	2.78	10	0.28	251	<1	0.03	10	520	22	<5	<20	68	0.12	40	46	<10	33	50
843	L41+50E 43+ 00N	5	<0.2	2.32	5	15	<5	0.42	4	3	2	5	0.32	<10	0.07	21	<1	0.04	3	920	10	<5	<20	33	0.11	<10	9	<10	24	18
844	L41+50E 43+ 25N	5	<0.2	3.43	15	70	<5	0.19	6	8	11	13	1.35	20	0.32	118	<1	0.03	10	580	32	5	<20	18	0.13	<10	31	<10	44	58
845	L41+50E 43+ 50N	<5	<0.2	3.56	15	25	<5	0.06	2	5	6	12	2.35	<10	0.09	57	<1	0.03	2	650	22	<5	<20	4	0.14	<10	34	<10	11	40
846	L41+50E 43+ 75N	<5	<0.2	1.76	5	35	<5	0.13	4	6	5	6	2.25	<10	0.21	117	<1	0.03	3	390	16	<5	<20	7	0.12	<10	38	<10	3	44
847	L41+50E 44+ 00N	<5	<0.2	2.32	10	65	10	0.29	5	7	8	9	3.05	<10	0.19	145	<1	0.03	5	460	42	<5	<20	27	0.14	<10	41	<10	23	106
848	L41+50E 44+ 25N	<5	<0.2	3.39	15	35	<5	0.09	6	4	5	6	0.52	<10	0.11	34	<1	0.02	3	370	26	<5	<20	6	0.12	<10	16	20	21	29
849	L41+50E 44+ 50N	<5	<0.2	4.22	10	45	<5	0.05	2	6	9	15	2.58	<10	0.15	83	<1	0.03	3	290	40	<5	<20	5	0.15	<10	33	<10	22	38
850	L41+50E 44+ 75N	<5	<0.2	3.53	20	60	<5	0.37	2	6	7	12	1.58	20	0.22	195	<1	0.03	5	850	28	<5	<20	33	0.08	<10	29	<10	45	63
851	L41+50E 45+ 00N	<5	<0.2	4.19	25	65	<5	0.45	3	8	8	12	1.88	10	0.23	597	<1	0.03	5	840	24	<5	<20	39	0.10	<10	31	10	44	83
852	L41+50E 45+ 25N	<5	<0.2	2.31	5	40	<5	0.09	2	5	6	9	1.71	<10	0.18	83	<1	0.03	2	400	20	<5	<20	6	0.11	<10	28	20	15	42

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
853	L41+50E 45+ 50N	<5	<0.2	2.67	10	65	5	0.18	2	7	7	9	2.40	<10	0.17	130	<1	0.03	4	370	20	<5	<20	15	0.17	<10	35	<10	25	45
854	L41+50E 45+ 75N	5	<0.2	3.16	15	60	<5	0.14	1	9	9	13	2.29	<10	0.29	216	<1	0.03	6	710	18	<5	<20	8	0.14	<10	35	20	26	59
855	L41+50E 46+ 00N	5	<0.2	2.99	10	60	<5	0.14	2	7	7	8	2.64	<10	0.15	125	<1	0.03	3	300	18	<5	<20	9	0.16	<10	40	<10	7	44
856	L41+50E 46+ 25N	5	<0.2	2.65	10	60	<5	0.25	4	8	4	10	2.89	<10	0.12	258	<1	0.03	3	410	14	<5	<20	30	0.03	<10	36	<10	26	38
857	L41+50E 46+ 50N	<5	<0.2	1.63	<5	80	<5	0.22	5	7	7	7	2.54	<10	0.21	120	<1	0.03	3	250	20	<5	<20	28	0.05	<10	40	<10	13	45
858	L41+50E 46+ 75N	<5	<0.2	3.29	15	55	<5	0.37	2	2	9	12	0.52	10	0.06	21	<1	0.03	5	930	16	<5	<20	51	0.01	<10	15	<10	40	25
859	L41+50E 47+ 00N	<5	<0.2	1.51	<5	95	<5	0.25	5	9	8	7	3.08	<10	0.22	108	<1	0.03	4	240	22	<5	<20	35	0.08	<10	58	<10	2	39
860	L41+50E 47+ 25N	<5	<0.2	0.87	10	40	<5	0.17	5	8	2	4	2.17	<10	0.34	157	<1	0.03	3	150	12	<5	<20	16	0.06	<10	49	<10	6	28
861	L41+50E 47+ 50N	<5	1.0	1.29	<5	80	<5	0.16	6	11	4	6	4.79	<10	0.26	108	<1	0.03	2	150	18	<5	<20	27	0.11	<10	112	<10	<1	38
862	L41+50E 47+ 75N	<5	<0.2	2.34	10	70	<5	0.08	5	7	9	9	3.04	<10	0.19	108	<1	0.03	3	320	18	<5	<20	14	0.05	<10	49	<10	<1	41
863	L41+50E 48+ 00N	<5	<0.2	3.38	10	50	<5	0.11	6	8	4	8	2.87	<10	0.05	156	<1	0.03	3	510	18	<5	<20	17	0.05	<10	53	<10	14	19
864	L41+50E 48+ 25N	<5	<0.2	4.74	15	45	<5	0.05	5	6	6	11	2.75	<10	0.06	146	<1	0.03	2	950	20	<5	<20	10	0.05	<10	41	<10	2	35
865	L41+50E 48+ 50N	<5	<0.2	3.60	10	40	5	0.05	1	5	5	13	2.02	<10	0.07	82	<1	0.02	1	660	16	<5	<20	3	0.14	<10	33	<10	11	24
866	L41+50E 48+ 75N	<5	0.6	5.72	35	60	<5	0.06	5	5	7	11	2.96	<10	0.05	138	<1	0.03	2	1520	16	<5	<20	23	0.04	<10	44	<10	<1	31
867	L41+50E 49+ 00N	<5	<0.2	2.34	10	40	5	0.06	7	6	6	8	2.52	<10	0.12	87	<1	0.02	2	580	14	<5	<20	2	0.16	<10	39	<10	3	28
868	L41+50E 49+ 25N	<5	<0.2	4.74	15	35	<5	0.04	<1	5	7	15	2.49	<10	0.05	252	<1	0.02	<1	1230	20	<5	<20	2	0.13	<10	32	<10	3	34
869	L41+50E 49+ 50N	<5	<0.2	3.59	15	35	5	0.04	2	6	6	13	2.50	<10	0.09	154	<1	0.03	3	900	20	<5	<20	<1	0.16	<10	41	20	9	38
870	L41+50E 49+ 75N	<5	<0.2	3.75	10	90	<5	0.15	<1	14	15	11	3.30	<10	0.35	558	<1	0.03	8	480	24	<5	<20	16	0.23	<10	61	<10	31	55
871	L41+50E 50+ 00N	<5	<0.2	5.61	15	45	10	0.05	1	7	11	14	3.08	<10	0.20	110	<1	0.03	4	960	24	<5	<20	5	0.16	<10	42	<10	6	50
872	L41+50E 50+ 25N	<5	<0.2	4.29	20	25	<5	0.05	2	6	5	15	1.94	<10	0.07	100	<1	0.03	3	970	22	<5	<20	2	0.17	<10	32	<10	19	30
873	L41+50E 50+ 50N	<5	<0.2	6.60	20	30	5	0.04	4	5	10	14	2.60	<10	0.09	54	<1	0.03	3	1030	26	<5	<20	2	0.15	<10	33	<10	12	36
874	L41+50E 50+ 75N	<5	<0.2	5.26	25	30	<5	0.04	4	5	7	13	2.53	<10	0.06	46	<1	0.03	2	870	22	<5	<20	2	0.15	<10	35	<10	13	26
875	L41+50E 51+ 00N	<5	<0.2	5.43	20	25	5	0.04	3	6	8	14	2.83	<10	0.07	43	<1	0.03	3	720	20	<5	<20	3	0.16	<10	36	<10	7	22
876	L41+50E 51+ 25N	<5	<0.2	3.61	10	50	5	0.05	<1	7	10	15	2.75	<10	0.12	130	<1	0.01	2	870	12	<5	<20	6	0.16	<10	43	<10	2	28
877	L41+50E 51+ 50N	<5	<0.2	4.13	15	40	5	0.03	<1	5	5	13	2.57	<10	0.05	70	<1	0.01	<1	750	18	<5	<20	1	0.19	<10	36	<10	10	32
878	L41+50E 51+ 75N	<5	<0.2	4.14	15	35	<5	0.04	<1	6	8	11	2.79	<10	0.07	64	<1	0.01	1	860	18	<5	<20	2	0.17	<10	42	10	4	24
879	L41+50E 52+ 00N	<5	<0.2	2.62	10	45	5	0.05	11	7	8	11	2.59	<10	0.15	119	<1	0.02	4	690	16	<5	<20	4	0.16	<10	44	<10	4	28
880	L41+50E 52+ 25N	<5	<0.2	4.59	15	50	5	0.06	<1	8	12	13	2.92	<10	0.25	123	<1	0.01	5	790	18	<5	<20	3	0.15	<10	39	<10	3	43
881	L41+50E 52+ 50N	5	<0.2	5.01	20	30	<5	0.05	<1	6	7	11	2.28	<10	0.08	121	<1	0.01	2	1260	20	<5	<20	3	0.14	<10	29	<10	5	29
882	L41+50E 52+ 75N	<5	<0.2	2.67	10	50	10	0.04	<1	7	5	8	2.77	<10	0.06	142	<1	0.01	<1	710	22	<5	<20	1	0.20	10	44	<10	5	22
883	L41+50E 53+ 00N	<5	<0.2	3.09	10	35	5	0.08	8	7	7	9	2.65	<10	0.19	213	<1	0.03	2	1220	18	<5	<20	4	0.14	<10	40	<10	2	40
884	L41+50E 53+ 25N	5	<0.2	4.04	20	30	<5	0.03	<1	4	4	12	1.95	<10	0.03	36	<1	0.01	<1	800	14	<5	<20	<1	0.11	<10	28	20	3	29
885	L41+50E 53+ 50N	<5	<0.2	2.36	10	50	10	0.06	4	9	10	12	4.49	<10	0.12	56	<1	0.02	4	620	24	<5	<20	4	0.29	<10	68	<10	3	38
886	L41+50E 53+ 75N	5	<0.2	4.00	15	25	<5	0.06	<1	4	3	10	0.82	10	0.06	16	<1	0.02	<1	470	20	<5	<20	6	0.16	<10	16	<10	43	15
887	L41+50E 54+ 00N	<5	<0.2	3.60	15	55	<5	0.15	<1	3	4	12	0.64	10	0.09	19	<1	0.02	2	470	20	<5	<20	10	0.15	<10	13	10	52	16
888	L42E 40+ 00N	<5	<0.2	2.85	5	50	10	0.11	<1	7	9	8	2.86	<10	0.22	137	<1	0.01	3	530	18	<5	<20	8	0.18	<10	50	<10	6	32
889	L42E 40+ 25N	<5	<0.2	3.06	15	25	5	0.04	<1	5	5	11	2.74	<10	0.04	62	<1	0.03	<1	1000	20	<5	<20	1	0.16	<10	38	<10	10	32
890	L42E 40+ 50N	5	<0.2	1.09	5	45	10	0.10	<1	7	4	9	3.84	<10	0.05	47	<1	0.01	<1	420	18	<5	<20	9	0.26	<10	63	10	5	28
891	L42E 40+ 75N	<5	<0.2	1.32	<5	50	10	0.15	<1	6	3	6	2.25	<10	0.11	100	<1	0.03	<1	310	26	<5	<20	13	0.16	<10	38	<10	9	36

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
892	L42E 41+ 00N	<5	<0.2	1.54	<5	75	10	0.08	2	6	3	8	3.17	<10	0.03	62	<1	0.02	<1	280	22	<5	<20	5	0.21	<10	35	<10	9	32
893	L42E 41+ 25N	<5	<0.2	1.43	5	55	10	0.07	<1	6	6	6	2.56	<10	0.14	66	<1	0.01	1	180	16	<5	<20	6	0.15	<10	41	<10	2	32
894	L42E 41+ 50N	<5	<0.2	3.27	5	55	5	0.18	<1	7	9	5	2.97	<10	0.25	106	<1	0.01	2	300	14	<5	<20	13	0.14	<10	34	<10	12	40
895	L42E 41+ 75N	<5	<0.2	1.13	<5	90	<5	0.12	<1	5	4	6	2.18	<10	0.10	55	<1	0.01	<1	200	20	<5	<20	10	0.15	<10	35	<10	3	29
896	L42E 42+ 00N	<5	<0.2	2.41	5	45	<5	0.12	<1	5	6	12	2.35	<10	0.12	61	<1	0.02	2	600	18	<5	<20	9	0.09	<10	24	<10	7	31
897	L42E 42+ 25N	15	<0.2	1.38	5	50	<5	0.14	<1	6	11	7	2.46	<10	0.25	116	<1	0.01	6	240	14	<5	<20	12	0.11	<10	34	<10	1	34
898	L42E 42+ 50N	<5	<0.2	0.99	5	40	<5	0.24	<1	6	6	8	1.25	<10	0.21	119	<1	0.01	4	790	8	<5	<20	10	0.06	<10	17	<10	11	15
899	L42E 42+ 75N	<5	<0.2	1.91	<5	60	10	0.06	<1	7	8	7	4.25	<10	0.09	52	<1	0.02	1	230	18	<5	<20	4	0.20	<10	71	10	<1	27
900	L42E 43+ 00N	<5	<0.2	2.02	<5	85	<5	0.12	<1	6	5	6	2.49	<10	0.15	68	<1	0.01	1	230	16	<5	<20	10	0.14	<10	33	<10	11	24
901	L42E 43+ 25N	<5	<0.2	1.06	<5	45	5	0.05	<1	5	4	7	3.05	<10	0.06	34	<1	0.02	<1	200	18	<5	<20	5	0.16	<10	37	<10	4	24
902	L42E 43+ 50N	5	<0.2	1.48	<5	50	5	0.06	<1	5	4	5	2.73	<10	0.10	54	<1	0.01	<1	190	20	<5	<20	5	0.17	<10	49	<10	2	25
903	L42E 43+ 75N	<5	<0.2	3.58	10	35	<5	0.04	<1	5	10	4	3.92	<10	0.08	35	<1	0.02	<1	320	22	<5	<20	3	0.12	<10	48	<10	3	21
904	L42E 44+ 00N	<5	<0.2	2.15	<5	35	<5	0.07	<1	5	5	10	1.21	<10	0.16	72	<1	0.01	3	380	18	<5	<20	8	0.12	<10	20	<10	15	27
905	L42E 44+ 25N	<5	<0.2	1.47	<5	25	<5	0.04	<1	3	3	6	1.37	<10	0.05	29	<1	0.01	<1	310	20	<5	<20	3	0.12	<10	22	<10	10	23
906	L42E 44+ 50N	5	<0.2	2.19	10	45	<5	0.08	<1	2	5	9	0.53	10	0.11	39	<1	0.01	2	890	18	<5	<20	10	0.04	<10	12	<10	20	29
907	L42E 44+ 75N	<5	<0.2	1.59	<5	45	<5	0.22	<1	5	6	4	1.79	<10	0.28	121	<1	0.01	2	330	16	<5	<20	17	0.09	<10	25	<10	17	35
908	L42E 45+ 00N	<5	<0.2	1.80	<5	65	<5	0.32	<1	6	6	6	1.88	10	0.22	215	<1	0.01	2	490	20	<5	<20	29	0.09	<10	30	<10	25	54
909	L42E 45+ 25N	<5	<0.2	3.32	10	45	<5	0.09	<1	6	6	9	2.18	<10	0.16	68	<1	0.01	1	230	20	<5	<20	6	0.17	<10	35	10	22	25
910	L42E 45+ 50N	<5	<0.2	1.38	5	40	10	0.10	<1	5	4	5	2.62	<10	0.10	56	<1	0.01	<1	220	18	<5	<20	6	0.16	<10	46	<10	3	30
911	L42E 45+ 75N	<5	<0.2	2.73	<5	45	<5	0.21	2	5	3	7	2.32	<10	0.06	53	<1	0.01	<1	320	14	<5	<20	18	0.15	<10	23	<10	22	34
912	L42E 46+ 00N	<5	<0.2	2.01	<5	50	<5	0.14	<1	5	4	7	2.07	<10	0.15	103	<1	0.02	2	380	16	<5	<20	11	0.14	<10	34	<10	6	40
913	L42E 46+ 25N	<5	<0.2	2.54	10	30	5	0.05	<1	5	5	6	2.16	<10	0.07	164	<1	0.01	<1	640	20	<5	<20	3	0.14	<10	36	<10	4	23
914	L42E 46+ 50N	<5	<0.2	4.02	10	35	10	0.06	<1	7	7	9	3.23	<10	0.08	319	<1	0.02	<1	540	22	<5	<20	<1	0.17	<10	38	<10	7	42
915	L42E 46+ 75N	<5	0.2	2.12	5	60	<5	0.46	<1	5	6	8	1.31	20	0.13	223	<1	0.03	3	1130	14	<5	<20	48	0.03	<10	23	<10	35	35
916	L42E 47+ 00N	<5	<0.2	2.98	<5	85	10	0.22	<1	10	11	9	3.12	<10	0.26	166	<1	0.03	6	320	22	<5	<20	18	0.23	<10	60	<10	38	43
917	L42E 47+ 25N	<5	<0.2	1.82	<5	65	5	0.17	<1	7	6	7	2.66	<10	0.23	121	<1	0.01	2	260	14	<5	<20	10	0.17	<10	44	<10	<1	36
918	L42E 47+ 50N	5	<0.2	1.86	5	80	5	0.24	<1	10	10	8	2.96	<10	0.30	283	<1	0.02	6	320	22	<5	<20	24	0.21	<10	54	<10	12	54
919	L42E 47+ 75N	<5	<0.2	1.27	<5	70	5	0.25	<1	8	6	7	2.82	<10	0.19	249	<1	0.01	4	370	26	<5	<20	22	0.19	<10	47	<10	5	47
920	L42E 48+ 00N	<5	<0.2	1.56	<5	75	5	0.23	<1	19	7	9	2.74	<10	0.25	605	<1	0.02	5	510	24	<5	<20	22	0.13	<10	43	<10	21	47
921	L42E 48+ 25N	<5	<0.2	3.04	5	45	<5	0.04	<1	5	4	15	2.07	<10	0.05	156	<1	0.01	<1	1510	20	<5	<20	3	0.15	<10	35	<10	5	36
922	L42E 48+ 50N	5	<0.2	4.81	15	30	<5	0.06	<1	7	5	14	1.93	<10	0.09	116	<1	0.02	3	690	22	<5	<20	4	0.18	<10	29	<10	21	31
923	L42E 48+ 75N	<5	<0.2	3.02	10	45	5	0.10	<1	14	5	10	2.38	<10	0.10	313	<1	0.02	2	600	20	<5	<20	9	0.18	<10	39	<10	31	33
924	L42E 49+ 00N	<5	<0.2	0.98	<5	25	5	0.04	<1	4	3	6	1.63	<10	0.05	37	<1	0.01	<1	360	16	<5	<20	2	0.17	<10	37	<10	5	17
925	L42E 49+ 25N	<5	<0.2	5.61	15	20	<5	0.05	<1	6	6	14	2.34	<10	0.05	110	<1	0.03	<1	1190	22	<5	<20	3	0.15	<10	30	<10	7	26
926	L42E 49+ 50N	<5	<0.2	3.85	15	40	<5	0.08	<1	8	6	12	2.40	<10	0.13	239	<1	0.01	2	1220	18	<5	<20	4	0.15	<10	36	<10	13	45
927	L42E 49+ 75N	<5	<0.2	3.72	15	60	<5	0.10	<1	6	6	8	3.02	<10	0.09	134	<1	0.02	2	770	20	<5	<20	6	0.17	<10	41	<10	<1	41
928	L42E 50+ 00N	<5	<0.2	3.37	15	70	<5	0.10	<1	9	10	15	2.59	<10	0.34	269	<1	0.01	7	790	18	<5	<20	6	0.16	<10	41	10	11	46
929	L42E 50+ 25N	<5	0.2	5.98	25	20	5	0.05	<1	6	7	16	2.34	<10	0.06	122	<1	0.01	2	1400	22	<5	<20	4	0.16	<10	32	10	13	22
930	L42E 50+ 50N	<5	<0.2	5.10	25	40	5	0.04	<1	6	8	11	2.96	<10	0.08	91	<1	0.01	1	1210	22	<5	<20	2	0.17	<10	42	<10	6	29

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
931	L42E 50+ 75N	<5	<0.2	5.78	20	40	<5	0.04	<1	7	11	13	3.18	<10	0.11	166	<1	0.01	3	1210	22	<5	<20	2	0.15	<10	40	<10	8	23
932	L42E 51+ 00N	<5	<0.2	3.84	10	40	<5	0.05	2	7	7	12	2.85	<10	0.09	83	<1	0.02	2	720	22	<5	<20	3	0.19	<10	43	<10	5	24
933	L42E 51+ 25N	<5	<0.2	4.07	20	30	<5	0.13	<1	6	9	13	2.48	<10	0.11	84	<1	0.03	4	1120	18	<5	<20	3	0.14	<10	33	<10	3	30
934	L42E 51+ 50N	<5	<0.2	2.75	10	40	<5	0.06	<1	5	6	9	1.86	<10	0.09	44	<1	0.03	2	330	14	<5	<20	4	0.13	<10	33	10	6	27
935	L42E 51+ 75N	<5	<0.2	2.82	10	75	10	0.17	<1	8	9	9	2.69	<10	0.22	120	<1	0.02	6	430	18	<5	<20	11	0.17	<10	39	<10	3	39
936	L42E 52+ 00N	<5	<0.2	3.84	15	70	10	0.08	<1	8	9	13	2.86	<10	0.19	139	<1	0.03	6	780	20	<5	<20	5	0.19	<10	42	<10	6	38
937	L42E 52+ 25N	<5	<0.2	2.84	10	40	5	0.05	<1	6	7	9	2.49	<10	0.11	101	<1	0.02	2	650	18	<5	<20	2	0.14	<10	38	10	3	28
938	L42E 52+ 50N	<5	<0.2	4.60	20	45	5	0.05	<1	7	8	14	2.65	<10	0.14	117	<1	0.01	1	1080	20	<5	<20	3	0.15	<10	37	<10	9	27
939	L42E 52+ 75N	<5	<0.2	4.51	25	45	5	0.09	<1	8	10	14	3.26	<10	0.24	234	<1	0.02	3	1340	20	<5	<20	5	0.16	<10	42	20	1	42
940	L42E 53+ 00N	<5	<0.2	5.13	20	30	5	0.07	<1	8	13	13	2.54	<10	0.27	198	<1	0.01	4	920	16	<5	<20	2	0.13	<10	32	20	5	35
941	L42E 53+ 25N	<5	<0.2	4.14	20	40	<5	0.06	<1	7	10	12	2.78	<10	0.22	208	<1	0.03	4	1120	14	<5	<20	4	0.15	<10	39	<10	<1	43
942	L42E 53+ 50N	<5	<0.2	3.99	15	60	5	0.06	<1	9	12	14	3.34	<10	0.33	264	<1	0.02	6	820	16	<5	<20	4	0.17	<10	46	<10	2	49
943	L42E 53+ 75N	<5	<0.2	5.46	15	30	5	0.04	<1	5	8	13	2.61	<10	0.07	44	<1	0.03	<1	890	16	<5	<20	2	0.15	<10	32	<10	11	26
944	L42E 54+ 00N	<5	<0.2	1.67	5	30	<5	0.05	<1	5	4	8	1.46	<10	0.18	67	<1	0.01	2	490	16	<5	<20	4	0.15	<10	29	<10	5	24
945	L42+50E 40+ 00N	15	<0.2	2.93	10	35	<5	0.07	<1	5	5	5	2.69	<10	0.09	55	<1	0.02	<1	350	16	<5	<20	5	0.13	<10	39	<10	1	25
946	L42+50E 40+ 25N	<5	<0.2	2.56	<5	60	<5	0.25	<1	7	5	6	2.08	<10	0.32	229	<1	0.02	2	820	16	<5	<20	17	0.12	<10	34	<10	10	44
947	L42+50E 40+ 50N	<5	<0.2	1.44	<5	70	5	0.19	<1	8	7	7	1.93	<10	0.27	268	<1	0.03	3	410	28	<5	<20	18	0.16	<10	37	<10	10	51
948	L42+50E 40+ 75N	<5	<0.2	2.35	5	50	<5	0.22	<1	8	4	5	2.25	<10	0.33	233	<1	0.03	<1	620	24	5	<20	13	0.11	<10	36	20	9	51
949	L42+50E 41+ 00N	<5	<0.2	2.35	<5	60	5	0.32	<1	7	7	6	2.37	10	0.34	187	<1	0.02	2	450	20	<5	<20	27	0.10	<10	62	<10	21	46
950	L42+50E 41+ 25N	<5	<0.2	1.37	<5	50	5	0.14	<1	6	4	4	2.25	<10	0.19	94	<1	0.02	<1	200	16	<5	<20	11	0.13	<10	34	<10	1	38
951	L42+50E 41+ 50N	<5	<0.2	1.88	<5	60	5	0.14	<1	8	8	9	4.45	<10	0.14	80	<1	0.02	3	270	20	<5	<20	12	0.21	<10	51	<10	<1	44
952	L42+50E 41+ 75N	5	<0.2	2.38	5	40	10	0.08	<1	6	6	9	2.74	<10	0.12	71	<1	0.02	2	360	20	<5	<20	5	0.15	<10	34	<10	14	40
953	L42+50E 42+ 00N	<5	<0.2	0.92	<5	30	<5	0.07	<1	3	5	4	1.29	<10	0.13	68	<1	0.01	<1	180	12	<5	<20	7	0.10	<10	24	<10	5	26
954	L42+50E 42+ 25N	<5	<0.2	2.09	5	65	<5	0.12	<1	7	9	9	2.77	<10	0.23	105	<1	0.03	4	350	16	<5	<20	12	0.13	<10	33	<10	10	54
955	L42+50E 42+ 50N	<5	<0.2	1.30	5	60	<5	0.10	<1	6	6	8	1.92	<10	0.21	101	<1	0.02	3	210	18	<5	<20	9	0.15	<10	28	<10	9	39
956	L42+50E 42+ 75N	<5	<0.2	2.30	10	70	10	0.18	<1	9	6	9	2.91	<10	0.33	182	<1	0.03	4	520	18	<5	<20	12	0.14	<10	33	<10	15	46
957	L42+50E 43+ 00N	<5	<0.2	2.43	<5	75	<5	0.21	<1	7	10	11	3.91	<10	0.18	93	<1	0.03	5	500	20	<5	<20	18	0.15	<10	44	<10	2	45
958	L42+50E 43+ 25N	5	<0.2	1.12	5	40	5	0.11	<1	7	6	7	2.04	<10	0.18	174	<1	0.01	4	380	14	<5	<20	10	0.14	<10	31	<10	5	45
959	L42+50E 43+ 50N	<5	<0.2	2.43	10	50	<5	0.13	<1	7	12	8	2.86	<10	0.29	126	<1	0.02	4	510	14	<5	<20	8	0.09	<10	31	<10	2	44
960	L42+50E 43+ 75N	<5	<0.2	2.92	10	35	<5	0.08	<1	4	6	13	1.30	<10	0.14	113	<1	0.01	2	610	22	<5	<20	7	0.08	<10	28	<10	13	29
961	L42+50E 44+ 00N	5	<0.2	4.47	15	15	<5	0.04	<1	4	5	8	0.73	<10	0.06	22	<1	0.03	<1	440	18	<5	<20	2	0.16	<10	24	<10	23	19
962	L42+50E 44+ 25N	<5	<0.2	1.66	<5	85	<5	0.17	<1	11	11	8	1.88	<10	0.42	343	<1	0.02	7	380	22	5	<20	17	0.17	<10	38	<10	10	49
963	L42+50E 44+ 50N	<5	<0.2	2.16	5	50	5	0.13	<1	7	7	10	2.35	<10	0.27	155	<1	0.02	4	490	14	<5	<20	12	0.12	<10	30	10	8	34
964	L42+50E 44+ 75N	<5	<0.2	1.99	<5	45	5	0.11	<1	5	5	9	2.86	<10	0.12	83	<1	0.02	<1	400	18	<5	<20	11	0.13	<10	28	10	10	34
965	L42+50E 45+ 00N	<5	<0.2	1.88	5	50	<5	0.09	<1	6	7	7	2.29	<10	0.18	98	<1	0.01	2	270	12	<5	<20	8	0.13	<10	37	<10	2	30
966	L42+50E 45+ 25N	<5	<0.2	3.06	15	25	<5	0.06	<1	5	5	8	2.06	<10	0.07	47	<1	0.02	<1	320	18	<5	<20	4	0.14	<10	30	<10	9	25
967	L42+50E 45+ 50N	<5	<0.2	3.33	15	45	5	0.09	<1	6	6	14	3.61	<10	0.12	72	<1	0.02	2	430	18	<5	<20	6	0.16	<10	38	<10	12	47
968	L42+50E 45+ 75N	<5	<0.2	3.48	10	65	5	0.14	<1	11	8	10	2.80	<10	0.22	278	<1	0.03	5	430	24	<5	<20	13	0.18	<10	38	<10	18	51
969	L42+50E 46+ 00N	<5	<0.2	4.05	15	25	5	0.04	<1	5	6	10	2.20	<10	0.08	65	<1	0.02	<1	670	16	<5	<20	<1	0.14	<10	33	10	5	29
970	L42+50E 46+ 25N	<5	<0.2	2.88	10	30	5	0.06	<1	4	3	7	1.79	<10	0.03	22	<1	0.03	<1	420	12	<5	<20	4	0.12	<10	26	<10	7	23

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
971	L42+50E 46+ 50N	5	<0.2	4.18	20	30	5	0.05	<1	6	7	12	3.48	<10	0.07	80	<1	0.03	1	1320	18	<5	<20	2	0.16	<10	46	<10	<1	35
972	L42+50E 46+ 75N	<5	<0.2	3.92	10	85	5	0.23	<1	10	15	12	3.03	<10	0.32	201	<1	0.03	8	450	20	<5	<20	22	0.20	10	45	<10	41	52
973	L42+50E 47+ 00N	<5	<0.2	2.79	10	65	<5	0.09	<1	7	7	11	3.98	<10	0.07	73	<1	0.03	1	410	22	<5	<20	7	0.22	<10	47	<10	4	41
974	L42+50E 47+ 25N	<5	<0.2	1.18	<5	45	<5	0.15	<1	5	4	7	1.43	<10	0.13	79	<1	0.01	<1	360	20	<5	<20	13	0.15	<10	39	<10	7	32
975	L42+50E 47+ 50N	<5	<0.2	2.30	<5	120	10	0.21	<1	12	13	10	4.25	<10	0.43	268	<1	0.02	10	330	20	<5	<20	17	0.24	<10	58	<10	<1	80
976	L42+50E 47+ 75N	<5	<0.2	3.68	15	45	10	0.05	6	7	7	11	3.08	<10	0.11	101	<1	0.03	4	560	18	<5	<20	2	0.18	<10	38	20	3	31
977	L42+50E 48+ 00N	<5	<0.2	3.43	15	40	10	0.08	<1	9	8	10	3.92	<10	0.23	183	<1	0.02	3	970	18	<5	<20	4	0.20	<10	54	<10	<1	41
978	L42+50E 48+ 25N	<5	<0.2	3.54	15	45	<5	0.05	<1	6	6	9	2.84	<10	0.07	66	<1	0.02	2	590	16	<5	<20	3	0.19	<10	44	10	2	28
979	L42+50E 48+ 50N	<5	<0.2	1.82	5	65	5	0.13	<1	7	4	7	2.42	<10	0.23	180	<1	0.03	2	400	18	<5	<20	10	0.17	<10	42	<10	3	37
980	L42+50E 48+ 75N	<5	<0.2	3.05	5	55	5	0.05	<1	9	6	11	4.42	<10	0.11	82	<1	0.02	1	560	20	<5	<20	7	0.27	<10	78	<10	<1	32
981	L42+50E 49+ 00N	<5	<0.2	3.62	10	35	<5	0.04	<1	6	6	10	2.57	<10	0.07	180	<1	0.01	<1	970	14	<5	<20	5	0.16	<10	38	<10	<1	30
982	L42+50E 49+ 25N	<5	<0.2	3.13	10	45	10	0.04	<1	6	5	10	3.69	<10	0.03	61	<1	0.01	<1	580	20	<5	<20	2	0.20	<10	56	<10	<1	28
983	L42+50E 49+ 50N	<5	<0.2	3.13	10	45	10	0.06	<1	6	5	9	2.71	<10	0.16	82	<1	0.01	2	350	16	<5	<20	<1	0.16	<10	35	20	7	38
984	L42+50E 49+ 75N	<5	<0.2	4.00	20	40	5	0.07	<1	6	5	12	2.16	<10	0.10	147	<1	0.01	2	1080	16	<5	<20	3	0.15	<10	33	<10	3	39
985	L42+50E 50+ 00N	5	<0.2	3.21	10	55	5	0.07	<1	7	7	9	3.45	<10	0.10	98	<1	0.01	2	740	20	<5	<20	7	0.20	<10	47	<10	<1	36
986	L42+50E 50+ 25N	<5	<0.2	4.08	20	30	<5	0.03	<1	5	5	10	2.45	<10	0.03	104	<1	0.01	2	830	16	<5	<20	<1	0.14	<10	34	<10	5	25
987	L42+50E 50+ 50N	<5	<0.2	5.29	20	45	<5	0.05	<1	7	11	14	3.71	<10	0.11	206	<1	0.01	4	1550	18	<5	<20	3	0.17	<10	51	<10	1	44
988	L42+50E 50+ 75N	<5	<0.2	3.97	15	60	<5	0.08	<1	8	13	14	2.60	<10	0.28	134	<1	0.01	9	730	16	<5	<20	6	0.15	<10	35	<10	5	37
989	L42+50E 51+ 00N	<5	<0.2	2.80	5	50	<5	0.20	<1	9	7	10	2.49	<10	0.16	267	<1	0.01	4	420	18	<5	<20	12	0.15	<10	35	<10	14	46
990	L42+50E 51+ 25N	<5	<0.2	3.29	10	55	<5	0.10	<1	7	8	11	2.34	<10	0.17	85	<1	0.01	5	500	14	<5	<20	6	0.15	<10	32	<10	5	40
991	L42+50E 51+ 50N	5	<0.2	3.75	10	55	5	0.10	<1	7	9	9	3.38	<10	0.13	112	<1	0.01	3	810	24	<5	<20	5	0.16	<10	44	20	<1	35
992	L42+50E 51+ 75N	<5	<0.2	3.38	15	80	10	0.18	<1	11	14	17	2.85	<10	0.58	275	<1	0.02	11	680	12	<5	<20	11	0.16	<10	42	<10	3	60
993	L42+50E 52+ 00N	<5	<0.2	5.27	20	50	5	0.05	<1	8	7	14	2.61	<10	0.07	132	<1	0.02	2	1060	20	<5	<20	3	0.17	<10	36	<10	3	43
994	L42+50E 52+ 25N	<5	<0.2	3.66	15	60	5	0.09	<1	8	10	13	3.22	<10	0.27	139	<1	0.02	4	780	16	<5	<20	6	0.18	<10	49	<10	4	41
995	L42+50E 52+ 50N	<5	<0.2	3.92	10	65	10	0.08	<1	8	8	13	2.57	<10	0.21	149	<1	0.02	2	790	20	<5	<20	10	0.17	<10	41	<10	13	41
996	L42+50E 52+ 75N	<5	<0.2	4.43	10	50	5	0.07	<1	8	14	16	3.39	<10	0.37	193	<1	0.01	6	1070	20	<5	<20	5	0.13	<10	43	10	<1	65
997	L42+50E 53+ 00N	<5	<0.2	3.23	15	55	<5	0.08	<1	9	9	16	2.66	<10	0.45	229	<1	0.01	7	670	18	5	<20	7	0.16	<10	40	<10	12	48
998	L42+50E 53+ 25N	5	<0.2	3.63	15	30	<5	0.07	<1	5	6	10	2.23	<10	0.08	131	<1	0.01	<1	910	16	<5	<20	2	0.13	<10	34	<10	<1	29
999	L42+50E 53+ 50N	<5	<0.2	3.51	10	35	<5	0.05	<1	6	4	14	1.77	<10	0.06	109	<1	0.01	<1	890	16	<5	<20	2	0.14	<10	29	<10	9	24
1000	L42+50E 53+ 75N	<5	<0.2	2.58	10	35	<5	0.08	<1	5	6	9	2.40	<10	0.14	132	<1	0.01	3	510	16	<5	<20	5	0.13	<10	36	<10	<1	32
1001	L42+50E 54+ 00N	<5	<0.2	5.49	20	20	5	0.04	<1	7	6	16	2.15	<10	0.10	185	<1	0.01	3	1030	22	<5	<20	3	0.16	<10	31	<10	18	28
1002	L43E 40+ 00N	<5	<0.2	2.16	<5	45	<5	0.13	<1	7	4	5	2.62	<10	0.25	141	<1	0.02	<1	290	14	<5	<20	10	0.16	<10	46	<10	7	35
1003	L43E 40+ 25N	<5	<0.2	2.16	10	40	5	0.15	<1	5	4	4	1.94	<10	0.21	138	<1	0.02	1	550	18	<5	<20	10	0.11	<10	32	<10	2	36
1004	L43E 40+ 50N	<5	<0.2	1.39	5	30	<5	0.08	<1	4	3	5	1.59	<10	0.10	59	<1	0.01	<1	320	16	<5	<20	4	0.12	<10	29	<10	5	22
1005	L43E 40+ 75N	<5	<0.2	2.44	10	45	5	0.07	<1	6	4	8	3.04	<10	0.04	33	<1	0.01	<1	380	20	<5	<20	4	0.16	<10	34	<10	12	29
1006	L43E 41+ 00N	<5	<0.2	2.65	10	35	<5	0.08	<1	5	5	4	2.53	<10	0.07	42	<1	0.01	<1	270	14	<5	<20	5	0.14	<10	39	<10	4	23
1007	L43E 41+ 25N	<5	<0.2	2.29	<5	50	<5	0.15	<1	6	5	5	2.68	<10	0.23	113	<1	0.01	2	570	14	<5	<20	11	0.12	<10	37	<10	4	38
1008	L43E 41+ 50N	<5	<0.2	1.09	5	50	5	0.20	<1	4	2	3	1.24	<10	0.14	192	<1	0.01	<1	370	18	<5	<20	13	0.10	<10	24	<10	5	30
1009	L43E 41+ 75N	<5	<0.2	1.79	<5	35	<5	0.14	<1	4	4	5	2.14	<10	0.12	116	<1	0.01	<1	450	14	<5	<20	9	0.11	<10	31	<10	2	30
1010	L43E 42+ 00N	5	<0.2	2.58	10	40	10	0.10	<1	6	5	6	2.93	<10	0.13	75	<1	0.02	1	540	18	<5	<20	8	0.15	<10	36	<10	10	30

BLUEBIRD MINERALS LTD.

ICP CERTIFICATE OF ANALYSIS AK 97-909

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
946	L42+50E 40+ 25N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
955	L42+50E 42+ 50N	<5	<0.2	1.29	<5	60	<5	0.10	<1	7	6	8	1.91	<10	0.21	102	<1	0.02	4	220	18	<5	<20	10	0.16	<10	28	<10	8	39
964	L42+50E 44+ 75N	<5	<0.2	1.96	5	45	<5	0.11	<1	5	5	9	2.80	<10	0.11	81	<1	0.02	2	370	14	<5	<20	10	0.13	<10	28	<10	10	33
973	L42+50E 47+ 00N	<5	<0.2	2.74	10	60	10	0.09	<1	7	7	11	3.89	<10	0.07	72	<1	0.02	2	410	22	<5	<20	6	0.22	<10	46	20	4	39
981	L42+50E 49+ 00N	<5	<0.2	3.61	15	30	5	0.04	<1	6	6	9	2.54	<10	0.07	178	<1	0.01	<1	950	16	<5	<20	2	0.16	<10	38	<10	<1	30
990	L42+50E 51+ 25N	-	<0.2	3.33	10	55	10	0.11	<1	8	9	12	2.38	<10	0.18	86	<1	0.02	5	510	18	<5	<20	6	0.15	<10	33	<10	9	41
991	L42+50E 51+ 50N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
999	L42+50E 53+ 50N	<5	<0.2	3.42	10	30	<5	0.05	<1	6	4	13	1.74	<10	0.06	108	<1	0.01	<1	880	18	<5	<20	2	0.14	<10	29	<10	9	24
1008	L43E 41+ 50N	<5	<0.2	1.02	<5	45	<5	0.19	<1	3	2	4	1.16	<10	0.13	184	<1	0.01	<1	350	20	<5	<20	13	0.10	<10	23	<10	6	30
1016	L43E 43+ 50N	<5	<0.2	1.00	10	50	10	0.13	<1	7	4	6	2.25	<10	0.16	208	<1	0.01	1	360	16	<5	<20	14	0.14	<10	34	<10	7	41
1025	L43E 45+ 75N	<5	<0.2	1.63	<5	35	<5	0.06	<1	6	6	7	3.79	<10	0.12	75	<1	0.01	2	280	20	<5	<20	5	0.18	<10	46	<10	<1	35
1034	L43E 48+ 00N	<5	<0.2	3.31	10	45	<5	0.05	<1	6	5	8	2.24	<10	0.10	233	<1	0.01	2	820	18	<5	<20	4	0.15	<10	36	<10	3	34
1043	L43E 50+ 25N	<5	<0.2	3.40	15	50	<5	0.14	<1	7	9	12	2.43	<10	0.20	101	<1	0.02	6	830	16	<5	<20	8	0.15	<10	35	<10	12	35
1051	L43E 52+ 25N	<5	<0.2	3.67	5	55	10	0.07	<1	9	13	12	4.77	<10	0.15	158	<1	0.01	4	1350	20	<5	<20	4	0.22	<10	67	<10	<1	41
1060	L36+50E 40+ 25N	<5	<0.2	1.64	<5	50	<5	0.12	<1	5	6	9	2.11	<10	0.16	143	<1	0.01	2	520	22	<5	<20	9	0.11	<10	31	<10	7	40
1069	L36+50E 42+ 50N	<5	<0.2	3.05	10	60	10	0.11	<1	9	8	12	4.07	<10	0.12	609	<1	0.02	3	1430	32	<5	<20	7	0.23	<10	60	<10	4	52
1078	L36+50E 44+ 75N	<5	<0.2	3.14	15	75	10	0.29	<1	14	13	16	3.51	<10	0.55	1272	<1	0.02	8	2140	46	<5	<20	26	0.14	<10	57	<10	15	139
1086	L36+50E 46+ 75N	<5	<0.2	1.59	5	95	10	0.13	<1	10	9	10	2.68	<10	0.34	937	<1	0.02	3	690	24	<5	<20	10	0.18	<10	45	<10	4	83
1095	L36+50E 49+ 00N	<5	<0.2	3.79	10	60	10	0.24	<1	7	5	7	2.60	<10	0.11	137	<1	0.02	3	880	14	<5	<20	13	0.18	<10	34	<10	3	51
1104	L36+50E 51+ 25N	<5	<0.2	1.78	5	75	5	0.10	<1	4	4	6	1.97	<10	0.03	40	<1	0.01	<1	600	18	<5	<20	4	0.16	<10	44	<10	4	20
1113	L36+50E 53+ 50N	<5	<0.2	4.15	15	40	5	0.05	<1	7	6	13	2.51	<10	0.09	73	<1	0.02	2	580	22	<5	<20	3	0.18	<10	39	<10	14	30
1121	L37+50E 41+ 25N	<5	<0.2	2.09	10	40	<5	0.09	1	4	5	7	0.87	<10	0.13	61	<1	0.02	3	360	18	<5	<20	10	0.12	<10	19	<10	13	23
1130	L37+50E 43+ 50N	<5	<0.2	1.90	10	55	10	0.11	<1	11	7	14	2.90	<10	0.20	238	<1	0.02	5	370	46	<5	<20	9	0.17	<10	40	<10	20	68
1139	L37+50E 45+ 75N	<5	<0.2	1.94	<5	75	10	0.16	<1	8	8	8	3.11	<10	0.25	185	<1	0.01	5	800	18	<5	<20	11	0.19	<10	48	<10	1	60
1148	L37+50E 48+ 00N	<5	<0.2	3.54	10	50	10	0.12	<1	7	6	12	3.37	<10	0.08	76	<1	0.02	4	560	16	<5	<20	5	0.21	<10	47	<10	9	41
1156	L37+50E 50+ 00N	<5	<0.2	4.43	15	55	<5	0.09	<1	7	8	16	2.54	<10	0.19	138	<1	0.02	6	820	22	<5	<20	7	0.17	<10	39	<10	18	47
1165	L37+50E 52+ 25N	<5	<0.2	3.93	15	40	5	0.08	<1	6	6	13	2.53	<10	0.11	66	<1	0.02	5	510	20	<5	<20	8	0.18	<10	41	<10	30	29
Standard:																														
GEO'97		125	1.0	1.76	65	165	5	1.78	1	18	60	77	4.08	<10	0.95	659	2	0.02	22	660	22	5	<20	62	0.12	<10	77	<10	10	70
GEO'97		130	1.4	1.79	65	155	5	1.74	1	19	59	83	3.96	10	0.98	649	<1	0.02	22	670	22	5	<20	59	0.12	<10	77	<10	10	67
GEO'97		145	1.2	1.88	65	170	5	1.83	1	19	62	88	4.18	10	0.97	681	<1	0.02	23	710	24	5	<20	62	0.12	<10	81	<10	8	71
GEO'97		130	1.2	1.75	65	160	5	1.75	1	19	59	82	3.99	10	0.98	659	<1	0.02	24	710	24	5	<20	58	0.12	<10	76	<10	8	71
GEO'97		140	1.4	1.88	70	165	<5	1.87	<1	20	63	86	4.23	<10	0.96	693	<1	0.02	25	750	22	5	<20	64	0.10	<10	83	10	7	72
GEO'97		145	1.4	1.87	70	175	<5	1.88	<1	20	62	91	4.25	<10	1.01	709	<1	0.02	22	700	22	5	<20	63	0.12	<10	81	<10	7	72
GEO'97		140	1.2	1.78	60	170	<5	1.81	<1	19	61	86	4.15	<10	0.97	689	<1	0.02	24	720	20	5	<20	58	0.11	<10	79	<10	10	72
GEO'97		140	1.0	1.76	60	165	<5	1.78	3	18	59	85	4.03	<10	0.94	666	2	0.02	24	670	24	5	<20	58	0.08	<10	77	<10	10	71
GEO'97		140	1.4	1.75	65	160	<5	1.86	<1	20	64	79	3.85	<10	0.96	686	<1	0.02	22	630	18	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GEO'97		145	1.6	1.82	65	165	<5	1.83	<1	20	61	84	4.18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

BLUEBIRD MINERALS LTD.

ICP CERTIFICATE OF ANALYSIS AK 97- 909

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1011	L43E 42+ 25N	<5	<0.2	1.10	<5	65	<5	0.18	<1	6	7	6	2.05	<10	0.25	145	<1	0.02	3	240	18	<5	<20	20	0.15	<10	33	<10	7	33
1012	L43E 42+ 50N	<5	<0.2	1.34	5	50	<5	0.11	<1	7	6	6	1.83	<10	0.16	127	<1	0.01	1	270	18	<5	<20	10	0.14	<10	28	<10	10	28
1013	L43E 42+ 75N	<5	<0.2	1.63	<5	45	5	0.10	<1	6	7	7	2.05	<10	0.13	98	<1	0.01	2	350	18	<5	<20	8	0.14	<10	32	<10	7	28
1014	L43E 43+ 00N	<5	<0.2	1.96	10	45	<5	0.09	<1	7	7	9	2.31	<10	0.14	95	<1	0.01	4	320	14	<5	<20	5	0.12	<10	28	20	14	30
1015	L43E 43+ 25N	<5	<0.2	1.36	<5	35	<5	0.14	<1	5	4	5	1.31	<10	0.16	114	<1	0.01	2	390	16	<5	<20	11	0.08	<10	23	<10	8	35
1016	L43E 43+ 50N	<5	<0.2	0.99	<5	55	5	0.13	<1	7	4	6	2.28	<10	0.16	213	<1	0.01	2	360	16	<5	<20	15	0.13	<10	34	<10	5	41
1017	L43E 43+ 75N	<5	<0.2	1.48	<5	25	5	0.09	<1	5	4	5	1.89	<10	0.15	120	<1	0.01	1	300	18	<5	<20	2	0.14	<10	31	20	8	35
1018	L43E 44+ 00N	<5	<0.2	1.68	10	35	5	0.11	<1	5	4	6	1.81	<10	0.14	85	<1	0.01	2	350	16	<5	<20	9	0.12	<10	29	<10	10	31
1019	L43E 44+ 25N	<5	<0.2	0.64	<5	55	<5	0.25	<1	2	3	7	0.54	10	0.03	19	<1	0.01	2	740	2	<5	<20	25	0.01	<10	13	<10	16	41
1020	L43E 44+ 50N	<5	<0.2	2.92	10	20	<5	0.11	<1	4	3	9	1.33	<10	0.10	160	<1	0.02	2	670	12	<5	<20	7	0.09	<10	19	<10	21	26
1021	L43E 44+ 75N	<5	<0.2	1.15	<5	40	<5	0.14	<1	5	4	5	1.61	<10	0.18	202	<1	0.01	3	360	14	<5	<20	10	0.10	<10	23	<10	11	33
1022	L43E 45+ 00N	<5	<0.2	1.22	<5	55	5	0.14	<1	9	6	7	2.04	<10	0.21	432	<1	0.01	3	410	18	<5	<20	12	0.12	<10	31	<10	10	43
1023	L43E 45+ 25N	<5	<0.2	1.60	5	25	<5	0.05	<1	4	5	5	1.95	<10	0.12	54	<1	0.01	<1	250	14	<5	<20	3	0.11	<10	33	<10	5	19
1024	L43E 45+ 50N	<5	<0.2	2.86	<5	35	<5	0.06	<1	5	7	9	1.99	<10	0.11	61	<1	0.01	1	310	16	<5	<20	5	0.12	<10	29	<10	8	27
1025	L43E 45+ 75N	<5	<0.2	1.65	5	35	10	0.06	<1	6	5	7	3.84	<10	0.12	74	<1	0.01	1	280	18	<5	<20	4	0.17	<10	47	<10	<1	36
1026	L43E 46+ 00N	<5	<0.2	2.86	5	60	<5	0.10	<1	7	6	8	2.07	<10	0.17	99	<1	0.02	3	280	20	<5	<20	9	0.16	<10	34	<10	26	37
1027	L43E 46+ 25N	<5	<0.2	2.60	5	40	<5	0.25	<1	2	5	11	0.81	20	0.08	44	<1	0.01	<1	1240	16	<5	<20	22	0.03	<10	21	<10	43	25
1028	L43E 46+ 50N	<5	<0.2	2.04	5	30	10	0.07	<1	5	4	8	2.23	<10	0.07	45	<1	0.01	<1	380	16	<5	<20	<1	0.14	<10	36	30	3	31
1029	L43E 46+ 75N	5	<0.2	2.59	10	125	<5	0.93	1	12	14	10	2.03	20	0.35	1891	<1	0.02	5	840	30	<5	<20	67	0.09	<10	35	<10	61	75
1030	L43E 47+ 00N	<5	<0.2	3.91	15	30	<5	0.04	<1	5	6	12	2.32	<10	0.06	45	<1	0.01	<1	890	22	<5	<20	3	0.15	<10	33	<10	9	24
1031	L43E 47+ 25N	<5	<0.2	2.57	10	30	<5	0.05	<1	5	4	8	2.25	<10	0.05	51	<1	0.01	<1	710	22	<5	<20	2	0.16	<10	38	<10	3	25
1032	L43E 47+ 50N	5	<0.2	2.45	10	60	<5	0.29	<1	5	6	8	1.51	10	0.18	83	<1	0.02	3	510	22	<5	<20	30	0.10	<10	29	<10	25	42
1033	L43E 47+ 75N	<5	<0.2	3.00	10	45	<5	0.07	<1	8	6	8	2.85	<10	0.20	141	<1	0.01	4	610	18	<5	<20	4	0.19	<10	45	<10	3	44
1034	L43E 48+ 00N	<5	<0.2	3.27	10	40	<5	0.05	<1	5	5	9	2.19	<10	0.10	219	<1	0.01	2	810	18	<5	<20	3	0.14	<10	36	<10	5	34
1035	L43E 48+ 25N	<5	<0.2	2.31	5	50	5	0.12	2	6	5	8	2.03	<10	0.12	79	<1	0.01	3	330	20	<5	<20	11	0.17	<10	31	<10	31	27
1036	L43E 48+ 50N	<5	<0.2	4.24	20	35	5	0.07	<1	6	5	11	2.38	<10	0.08	75	<1	0.01	2	1110	16	<5	<20	3	0.17	<10	34	10	4	28
1037	L43E 48+ 75N	<5	<0.2	4.15	15	45	5	0.06	<1	7	6	12	2.61	<10	0.08	262	<1	0.01	2	1250	18	<5	<20	4	0.18	<10	40	<10	4	30
1038	L43E 49+ 00N	<5	<0.2	1.68	<5	75	<5	0.20	<1	14	5	11	2.24	<10	0.16	586	<1	0.01	2	580	24	<5	<20	17	0.13	<10	37	<10	13	43
1039	L43E 49+ 25N	<5	<0.2	4.11	15	40	<5	0.05	<1	7	6	11	2.56	<10	0.10	183	<1	0.01	1	920	16	<5	<20	3	0.17	<10	37	<10	5	35
1040	L43E 49+ 50N	<5	<0.2	4.27	20	45	5	0.04	<1	7	6	12	2.30	<10	0.06	191	<1	0.01	2	1250	20	<5	<20	2	0.17	<10	35	<10	7	34
1041	L43E 49+ 75N	<5	<0.2	4.10	15	45	5	0.05	<1	8	6	9	3.01	<10	0.11	732	<1	0.01	1	1670	20	<5	<20	1	0.18	<10	45	<10	<1	41
1042	L43E 50+ 00N	<5	<0.2	2.68	5	50	5	0.05	<1	7	8	7	2.73	<10	0.13	163	<1	0.01	3	780	16	<5	<20	3	0.15	<10	43	<10	<1	29
1043	L43E 50+ 25N	<5	<0.2	3.43	15	50	5	0.13	<1	7	9	12	2.45	<10	0.20	100	<1	0.01	6	840	16	<5	<20	9	0.16	<10	35	<10	13	35
1044	L43E 50+ 50N	5	<0.2	3.59	10	55	<5	0.14	<1	8	10	13	2.49	<10	0.23	109	<1	0.01	7	830	16	<5	<20	10	0.16	<10	36	<10	13	33
1045	L43E 50+ 75N	<5	<0.2	3.71	15	40	<5	0.07	<1	6	6	8	2.52	<10	0.06	107	<1	0.01	2	610	16	<5	<20	2	0.15	<10	37	<10	4	25
1046	L43E 51+ 00N	<5	<0.2	1.92	10	35	5	0.07	<1	5	6	8	2.00	<10	0.10	61	<1	0.01	2	400	16	<5	<20	<1	0.14	<10	36	10	4	29
1047	L43E 51+ 25N	<5	<0.2	1.65	<5	85	5	0.14	<1	8	5	8	2.50	<10	0.11	443	<1	0.01	3	430	18	<5	<20	11	0.17	<10	41	<10	10	35
1048	L43E 51+ 50N	<5	<0.2	4.80	20	30	<5	0.05	<1	8	5	14	2.58	<10	0.09	100	<1	0.01	2	1780	18	<5	<20	2	0.18	<10	33	<10	21	27
1049	L43E 51+ 75N	<5	<0.2	4.13	15	45	<5	0.07	<1	7	6	9	3.08	<10	0.10	111	<1	0.01	2	790	18	<5	<20	2	0.19	<10	46	<10	2	33
1050	L43E 52+ 00N	<5	<0.2	2.31	10	50	10	0.11	<1	9	9	9	3.57	<10	0.32	221	<1	0.01	5	880	18	<5	<20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Et #.	Tag #			Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1051	L43E	52+	25N	<5	<0.2	3.68	<5	60	10	0.07	<1	8	12	12	4.78	<10	0.15	159	<1	0.01	4	1320	20	<5	<20	6	0.22	<10	68	<10	<1	40
1052	L43E	52+	50N	<5	<0.2	3.94	15	45	5	0.06	<1	6	8	12	2.74	<10	0.08	127	<1	0.01	2	1080	18	<5	<20	3	0.16	<10	44	<10	8	31
1053	L43E	52+	75N	<5	<0.2	4.87	15	65	5	0.06	<1	7	8	18	2.75	<10	0.13	128	<1	0.02	3	1220	18	<5	<20	4	0.18	<10	43	<10	8	35
1054	L43E	53+	00N	<5	<0.2	4.60	15	50	<5	0.05	<1	5	7	8	2.67	<10	0.04	162	<1	0.01	<1	860	26	<5	<20	4	0.14	<10	38	<10	5	32
1055	L43E	53+	25N	5	<0.2	3.75	10	35	5	0.07	<1	7	7	15	2.38	<10	0.17	226	<1	0.02	4	1220	22	<5	<20	3	0.16	<10	37	<10	7	42
1056	L43E	53+	50N	<5	<0.2	5.36	20	25	5	0.08	<1	6	8	18	2.77	<10	0.08	135	<1	0.02	2	1380	24	<5	<20	4	0.17	<10	39	<10	11	34
1057	L43E	53+	75N	<5	<0.2	3.83	15	50	5	0.05	<1	5	6	12	2.07	<10	0.08	244	<1	0.02	1	870	18	<5	<20	4	0.15	<10	34	<10	5	36
1058	L43E	54+	00N	<5	<0.2	2.61	10	40	<5	0.07	<1	7	8	13	2.25	<10	0.17	237	<1	0.02	4	770	14	<5	<20	3	0.14	<10	39	<10	5	41
1059	L36+50E	40+	00N	<5	<0.2	3.96	20	30	<5	0.09	<1	4	5	11	2.17	<10	0.07	58	<1	0.02	<1	730	14	<5	<20	5	0.12	<10	26	<10	16	36
1060	L36+50E	40+	25N	<5	<0.2	1.62	5	50	<5	0.11	<1	6	6	9	2.10	<10	0.16	146	<1	0.01	2	520	22	<5	<20	9	0.11	<10	31	<10	6	40
1061	L36+50E	40+	50N	<5	<0.2	4.11	15	35	<5	0.06	<1	5	7	9	3.01	<10	0.05	60	<1	0.01	1	550	20	<5	<20	4	0.13	<10	33	<10	8	31
1062	L36+50E	40+	75N	5	<0.2	2.76	5	40	<5	0.08	<1	5	6	10	1.88	<10	0.17	71	<1	0.02	2	470	14	5	<20	6	0.12	<10	24	<10	16	36
1063	L36+50E	41+	00N	<5	<0.2	1.68	<5	55	<5	0.12	<1	4	6	7	1.17	<10	0.13	110	<1	0.02	2	610	20	<5	<20	11	0.08	<10	24	<10	13	35
1064	L36+50E	41+	25N	<5	<0.2	2.90	10	50	<5	0.26	<1	4	6	9	1.40	10	0.18	111	<1	0.02	4	760	24	<5	<20	28	0.08	<10	25	<10	26	49
1065	L36+50E	41+	50N	<5	<0.2	1.34	5	45	15	0.14	<1	10	7	6	3.34	<10	0.46	200	<1	0.02	4	310	16	<5	<20	9	0.31	<10	95	<10	7	46
1066	L36+50E	41+	75N	<5	<0.2	2.87	5	105	<5	0.26	3	12	11	23	3.09	<10	0.39	264	<1	0.02	7	600	358	<5	<20	21	0.19	<10	50	<10	20	808
1067	L36+50E	42+	00N	<5	<0.2	2.05	<5	65	<5	0.17	<1	9	6	13	2.54	<10	0.18	293	<1	0.02	3	480	50	<5	<20	14	0.18	<10	36	<10	23	75
1068	L36+50E	42+	25N	<5	<0.2	1.96	10	70	15	0.14	<1	10	8	12	3.86	<10	0.20	187	<1	0.02	4	1050	28	<5	<20	9	0.26	<10	58	<10	7	66
1069	L36+50E	42+	50N	<5	<0.2	3.12	15	60	10	0.11	<1	9	8	11	4.11	<10	0.12	626	<1	0.02	3	1440	30	<5	<20	8	0.23	<10	60	<10	3	52
1070	L36+50E	42+	75N	<5	<0.2	4.28	20	40	5	0.10	<1	7	6	12	2.36	<10	0.17	104	<1	0.02	5	810	24	<5	<20	7	0.18	<10	39	<10	22	49
1071	L36+50E	43+	00N	<5	<0.2	4.58	10	45	10	0.07	<1	7	7	13	3.44	<10	0.10	66	<1	0.02	3	610	30	<5	<20	5	0.22	<10	55	<10	19	42
1072	L36+50E	43+	25N	<5	<0.2	3.33	10	70	10	0.11	<1	10	6	11	3.00	<10	0.14	317	<1	0.02	4	2210	50	<5	<20	8	0.22	<10	40	<10	4	144
1073	L36+50E	43+	50N	<5	<0.2	2.52	10	125	10	0.30	<1	11	9	8	3.26	<10	0.42	342	<1	0.02	5	1750	88	<5	<20	23	0.19	<10	45	<10	4	184
1074	L36+50E	43+	75N	5	<0.2	2.57	10	70	<5	0.16	<1	8	6	9	2.46	<10	0.27	259	<1	0.02	5	1240	24	<5	<20	9	0.16	<10	40	<10	7	82
1075	L36+50E	44+	00N	<5	<0.2	2.02	<5	75	5	0.16	<1	8	7	7	2.68	<10	0.32	181	<1	0.02	3	810	18	<5	<20	11	0.17	<10	47	<10	5	64
1076	L36+50E	44+	25N	<5	<0.2	2.31	10	70	5	0.12	<1	8	7	9	2.80	<10	0.26	378	<1	0.02	4	780	18	<5	<20	7	0.18	<10	46	<10	2	81
1077	L36+50E	44+	50N	<5	<0.2	2.05	<5	50	<5	0.14	<1	6	6	11	2.33	<10	0.14	329	<1	0.01	3	1740	44	<5	<20	10	0.15	<10	37	<10	4	59
1078	L36+50E	44+	75N	<5	<0.2	3.12	15	75	10	0.29	<1	14	13	15	3.53	<10	0.55	1284	<1	0.02	9	2180	50	5	<20	25	0.13	<10	56	<10	14	144
1079	L36+50E	45+	00N	<5	<0.2	3.27	10	95	<5	0.11	<1	8	9	21	2.97	<10	0.22	313	<1	0.02	5	3970	18	<5	<20	9	0.19	<10	41	<10	10	55
1080	L36+50E	45+	25N	<5	<0.2	0.91	5	75	<5	0.10	1	3	7	14	1.37	<10	0.14	95	<1	0.01	3	980	86	<5	<20	8	0.03	<10	20	<10	7	57
1081	L36+50E	45+	50N	<5	<0.2	5.13	20	60	5	0.08	<1	10	9	19	2.91	<10	0.34	178	<1	0.02	6	1400	38	<5	<20	8	0.22	<10	49	<10	19	59
1082	L36+50E	45+	75N	<5	<0.2	4.62	20	90	<5	0.12	<1	9	9	16	3.02	<10	0.27	1281	<1	0.02	6	4060	22	<5	<20	9	0.20	<10	45	<10	6	106
1083	L36+50E	46+	00N	<5	<0.2	3.77	10	80	5	0.17	<1	11	9	14	2.90	<10	0.46	479	<1	0.02	7	1410	20	5	<20	14	0.19	<10	48	<10	15	85
1084	L36+50E	46+	25N	<5	<0.2	2.76	5	75	5	0.12	<1	8	8	9	2.84	<10	0.26	303	<1	0.02	5	760	18	<5	<20	9	0.18	<10	49	<10	6	59
1085	L36+50E	46+	50N	<5	<0.2	1.73	5	60	<5	0.10	<1	7	7	7	3.08	<10	0.24	126	<1	0.02	4	390	26	<5	<20	8	0.19	<10	57	<10	4	50
1086	L36+50E	46+	75N	<5	<0.2	1.60	<5	100	10	0.15	<1	10	9	10	2.73	<10	0.35	952	<1	0.02	5	670	24	5	<20	13	0.18	<10	46	<10	4	84
1087	L36+50E	47+	00N	<5	<0.2	2.34	5	65	<5	0.22	<1	11	8	10	2.82	<10	0.39	525	<1	0.02	5	820	26	<5	<20	12	0.18	<10	48	<10	17	67
1088	L36+50E	47+	25N	<5	<0.2	2.75	5	70	10	0.10	<1	10	10	11	4.16	<10	0.24	186	<1	0.02	4	940	24	<5	<20	5	0.25	<10	66	<10	3	57
1089	L36+50E	47+	50N	<5	<0.2	3.88	10	75	10	0.15	<1	11	11	12	3.43	<10	0.43	253	<1	0.02	7	840	22	5	<20	11	0.20	<10	54	<10	6	77
1090	L36+50E	47+	75N	<5	<0.2	3.02	<5	125	10	0.12	<1	10	10	14	3.00	<10	0.24	2113	<1	0.02	6	3350	24	<5	<20	8	0.16	<10	45	<10	3	102

BLUEBIRD MINERALS LTD.

ICP CERTIFICATE OF ANALYSIS AK 97- 909

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
GEO'97		145	1.4	1.87	60	170	<5	1.85	<1	20	63	86	4.21	<10	0.99	681	<1	0.02	24	700	22	5	<20	61	0.13	<10	81	<10	10	73
GEO'97		145	1.4	1.89	70	170	<5	1.86	<1	20	63	87	4.25	<10	0.98	696	<1	0.02	24	690	20	5	<20	65	0.14	<10	83	<10	10	75
GEO'97		145	1.4	1.90	60	170	<5	1.86	<1	20	63	87	4.29	<10	0.99	699	<1	0.02	26	700	20	5	<20	66	0.14	<10	84	<10	8	75
GEO'97		125	1.2	1.84	65	165	<5	1.83	<1	20	63	84	4.20	<10	0.95	676	<1	0.02	25	690	22	5	<20	62	0.13	<10	81	<10	8	75
GEO'97		125	1.2	1.87	65	175	<5	1.88	<1	20	62	87	4.29	<10	0.97	697	<1	0.02	24	700	20	5	<20	66	0.13	<10	83	<10	8	76
GEO'97		145	1.6	1.78	75	160	<5	1.80	<1	20	60	85	4.15	<10	0.94	676	<1	0.02	24	730	22	5	<20	53	0.12	<10	78	10	8	77
GEO'97		145	1.4	1.80	70	165	<5	1.78	<1	19	60	84	4.13	<10	0.98	669	<1	0.02	22	720	22	5	<20	57	0.12	<10	77	<10	10	77
GEO'97		145	1.2	1.82	70	165	<5	1.83	<1	19	62	85	4.17	<10	0.94	681	<1	0.02	24	730	22	5	<20	59	0.13	<10	79	<10	10	79
GEO'97		140	1.4	1.78	65	160	<5	1.74	<1	19	64	83	4.01	<10	0.98	656	<1	0.02	25	680	26	5	<20	57	0.12	<10	76	<10	10	72
GEO'97		145	1.4	1.85	65	165	<5	1.80	<1	19	61	85	4.09	<10	0.94	662	<1	0.02	25	680	22	5	<20	63	0.13	<10	80	<10	10	72
GEO'97		140	1.6	1.79	70	165	<5	1.78	<1	19	61	82	4.08	<10	0.94	657	<1	0.02	22	710	20	5	<20	60	0.13	<10	79	10	7	76
GEO'97		150	1.2	1.81	65	170	5	1.82	<1	19	61	85	4.15	<10	0.95	675	<1	0.02	22	690	24	5	<20	61	0.12	<10	79	20	7	75
GEO'97		145	1.6	1.85	70	170	<5	1.86	<1	20	63	89	4.21	<10	0.99	698	<1	0.02	24	700	24	5	<20	64	0.13	<10	82	10	8	74
GEO'97		155	1.2	1.58	60	165	<5	1.74	<1	18	54	85	3.82	<10	0.91	666	<1	0.02	25	680	20	5	<20	54	0.09	<10	70	10	8	69
GEO'97		155	1.4	1.76	65	165	<5	1.79	<1	19	58	87	4.03	<10	0.96	680	<1	0.02	24	690	18	5	<20	59	0.11	<10	76	<10	8	70
GEO'97		140	1.2	1.67	75	165	<5	1.76	<1	19	57	83	3.99	<10	0.91	671	<1	0.02	25	690	22	5	<20	57	0.11	<10	74	<10	10	72
GEO'97		145	1.2	1.61	65	155	<5	1.68	<1	18	54	81	3.78	<10	0.88	646	<1	0.02	24	660	20	5	<20	55	0.10	<10	71	<10	10	68
GEO'97		150	1.2	1.68	70	160	<5	1.75	<1	19	57	83	3.95	<10	0.92	663	<1	0.02	25	670	20	5	<20	57	0.11	<10	75	<10	10	70
GEO'97		140	1.2	1.62	65	150	<5	1.69	<1	18	55	81	3.80	<10	0.89	643	<1	0.02	23	700	22	5	<20	51	0.11	<10	72	10	10	68
GEO'97		145	1.2	1.59	70	155	<5	1.67	<1	18	54	79	3.77	<10	0.87	638	<1	0.02	23	650	18	5	<20	54	0.10	<10	71	<10	10	68
GEO'97		145	1.2	1.80	65	170	<5	1.81	<1	19	61	86	4.09	<10	0.96	682	<1	0.02	24	680	18	5	<20	64	0.13	<10	80	<10	10	73
GEO'97		145	1.0	1.75	75	160	<5	1.78	<1	19	60	84	4.04	<10	0.94	670	<1	0.02	24	690	20	5	<20	60	0.12	<10	79	<10	10	71
GEO'97		140	1.2	1.81	60	160	<5	1.79	<1	19	60	84	4.08	<10	0.95	668	<1	0.02	26	670	18	5	<20	61	0.13	<10	80	10	9	71
GEO'97		145	1.2	1.89	60	160	5	1.87	<1	20	64	84	4.23	<10	0.96	680	<1	0.03	25	690	20	5	<20	65	0.14	<10	84	<10	10	75

df/909-909J
XLS/97
Fax cc: 250-354-4067/ken murray

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1091	L36+50E 48+ 00N	10	<0.2	1.86	10	100	5	0.11	<1	7	8	13	2.38	<10	0.28	478	<1	0.02	4	690	80	<5	<20	7	0.18	<10	40	<10	7	89
1092	L36+50E 48+ 25N	<5	<0.2	3.09	10	105	10	0.40	1	11	13	14	3.60	<10	0.53	418	<1	0.02	11	880	42	<5	<20	23	0.19	<10	56	<10	8	253
1093	L36+50E 48+ 50N	<5	<0.2	1.70	5	80	10	0.13	<1	10	9	12	2.95	<10	0.28	196	<1	0.02	5	380	54	<5	<20	9	0.24	<10	50	<10	12	79
1094	L36+50E 48+ 75N	<5	<0.2	2.27	5	85	10	0.35	<1	15	9	14	2.84	<10	0.38	542	<1	0.02	7	840	74	<5	<20	22	0.19	<10	48	<10	19	184
1095	L36+50E 49+ 00N	<5	<0.2	3.78	15	60	<5	0.24	<1	7	5	8	2.67	<10	0.11	138	<1	0.02	3	870	18	<5	<20	13	0.19	<10	35	<10	5	54
1096	L36+50E 49+ 25N	<5	<0.2	1.22	5	60	5	0.18	<1	7	6	7	2.60	<10	0.16	122	<1	0.01	3	290	16	<5	<20	12	0.19	<10	47	<10	4	42
1097	L36+50E 49+ 50N	<5	<0.2	2.31	5	85	10	0.33	<1	9	8	9	3.02	<10	0.31	343	<1	0.02	4	850	20	<5	<20	17	0.20	<10	46	<10	3	67
1098	L36+50E 49+ 75N	<5	<0.2	1.27	<5	80	10	0.22	<1	9	8	6	2.45	<10	0.32	604	<1	0.02	4	320	16	<5	<20	14	0.18	<10	47	<10	9	47
1099	L36+50E 50+ 00N	<5	<0.2	2.92	15	70	<5	0.25	<1	10	7	13	2.49	<10	0.17	1651	<1	0.02	4	1380	20	<5	<20	16	0.18	<10	40	<10	20	70
1100	L36+50E 50+ 25N	<5	<0.2	3.77	10	45	<5	0.11	<1	7	5	9	2.80	<10	0.09	331	<1	0.02	2	3040	16	<5	<20	5	0.18	<10	41	<10	3	41
1101	L36+50E 50+ 50N	<5	<0.2	3.50	10	50	<5	0.08	<1	8	7	12	2.41	<10	0.13	248	<1	0.02	4	780	16	<5	<20	4	0.18	<10	39	<10	9	41
1102	L36+50E 50+ 75N	<5	<0.2	4.59	15	30	5	0.04	<1	5	6	11	2.34	<10	0.05	115	<1	0.02	<1	1160	16	<5	<20	2	0.15	<10	33	<10	6	23
1103	L36+50E 51+ 00N	<5	<0.2	3.22	10	45	<5	0.09	<1	9	6	13	2.34	<10	0.08	428	<1	0.02	3	1470	14	<5	<20	8	0.16	<10	40	<10	7	43
1104	L36+50E 51+ 25N	<5	<0.2	1.80	<5	75	5	0.10	<1	4	4	6	1.98	<10	0.04	43	<1	0.01	<1	590	18	<5	<20	5	0.17	<10	44	<10	5	20
1105	L36+50E 51+ 50N	<5	<0.2	5.60	25	20	<5	0.04	<1	6	7	12	2.82	<10	0.05	91	<1	0.02	<1	1510	20	<5	<20	2	0.17	<10	38	<10	6	25
1106	L36+50E 51+ 75N	<5	<0.2	5.24	20	45	<5	0.04	<1	6	7	10	2.93	<10	0.06	57	<1	0.01	<1	1040	22	<5	<20	3	0.17	<10	40	<10	6	29
1107	L36+50E 52+ 00N	<5	<0.2	3.09	15	35	10	0.06	<1	8	6	13	3.29	<10	0.07	79	<1	0.02	4	1620	24	<5	<20	4	0.20	<10	46	<10	15	29
1108	L36+50E 52+ 25N	<5	<0.2	2.99	10	45	<5	0.04	<1	5	5	10	2.15	<10	0.07	59	<1	0.01	1	670	18	<5	<20	3	0.14	<10	35	<10	3	30
1109	L36+50E 52+ 50N	<5	<0.2	4.29	15	60	10	0.07	<1	9	9	13	2.77	<10	0.15	216	<1	0.02	4	1340	26	<5	<20	4	0.21	<10	43	<10	10	46
1110	L36+50E 52+ 75N	<5	<0.2	5.80	20	50	5	0.04	<1	6	8	9	3.24	<10	0.04	71	<1	0.01	3	1220	22	<5	<20	2	0.14	<10	38	<10	4	28
1111	L36+50E 53+ 00N	<5	<0.2	5.23	20	35	<5	0.04	<1	6	8	12	2.68	<10	0.11	67	<1	0.02	3	780	20	<5	<20	3	0.17	<10	37	<10	7	28
1112	L36+50E 53+ 25N	<5	<0.2	2.00	10	45	10	0.05	<1	7	7	9	3.44	<10	0.09	58	<1	0.01	2	690	20	<5	<20	1	0.24	<10	62	<10	5	32
1113	L36+50E 53+ 50N	<5	<0.2	4.14	10	40	10	0.05	<1	7	6	13	2.52	<10	0.09	74	<1	0.02	3	580	18	<5	<20	3	0.18	<10	39	<10	13	31
1114	L36+50E 53+ 75N	<5	<0.2	1.54	10	80	10	0.10	<1	8	7	10	4.02	<10	0.06	224	<1	0.01	2	760	24	<5	<20	7	0.23	<10	75	<10	7	38
1115	L36+50E 54+ 00N	<5	<0.2	4.59	15	30	<5	0.05	<1	9	5	20	1.98	<10	0.07	309	<1	0.02	4	880	20	<5	<20	4	0.18	<10	30	<10	18	31
1116	L37+50E 40+ 00N	<5	<0.2	3.20	10	35	5	0.06	<1	5	6	10	2.73	<10	0.09	43	<1	0.02	1	360	16	<5	<20	5	0.15	<10	29	<10	25	21
1117	L37+50E 40+ 25N	<5	<0.2	1.91	<5	75	5	0.10	<1	7	10	12	2.22	<10	0.29	165	<1	0.01	7	490	22	<5	<20	9	0.12	<10	30	<10	12	44
1118	L37+50E 40+ 50N	<5	<0.2	1.87	5	45	5	0.08	<1	5	6	8	1.55	<10	0.15	67	<1	0.01	3	350	22	<5	<20	7	0.13	<10	25	<10	10	27
1119	L37+50E 40+ 75N	<5	<0.2	1.49	5	45	5	0.09	<1	7	5	9	1.85	<10	0.13	128	<1	0.01	2	340	24	<5	<20	6	0.13	<10	27	<10	13	35
1120	L37+50E 41+ 00N	<5	<0.2	2.09	<5	70	5	0.21	<1	7	10	10	2.15	<10	0.31	269	<1	0.02	6	600	20	<5	<20	13	0.12	<10	30	<10	10	36
1121	L37+50E 41+ 25N	<5	<0.2	2.14	5	45	5	0.10	<1	4	5	7	0.87	<10	0.13	61	<1	0.02	3	370	18	5	<20	13	0.12	<10	19	<10	14	20
1122	L37+50E 41+ 50N	<5	<0.2	1.54	<5	45	5	0.07	1	6	5	8	2.86	<10	0.09	45	<1	0.01	2	210	18	<5	<20	7	0.18	<10	35	<10	8	30
1123	L37+50E 41+ 75N	<5	<0.2	2.88	10	65	10	0.11	<1	6	6	10	4.11	<10	0.06	48	<1	0.01	3	400	22	<5	<20	9	0.19	<10	40	<10	2	44
1124	L37+50E 42+ 00N	<5	<0.2	3.71	15	30	<5	0.06	<1	4	4	12	1.17	<10	0.06	25	<1	0.02	3	490	24	<5	<20	4	0.13	<10	19	20	24	22
1125	L37+50E 42+ 25N	5	<0.2	2.26	10	45	10	0.21	<1	7	6	5	2.95	<10	0.28	147	<1	0.02	3	400	18	<5	<20	13	0.17	<10	49	20	5	42
1126	L37+50E 42+ 50N	<5	<0.2	2.71	10	40	<5	0.07	<1	5	4	9	2.58	<10	0.05	44	<1	0.02	2	270	14	<5	<20	5	0.17	10	34	<10	8	27
1127	L37+50E 42+ 75N	<5	<0.2	3.76	15	55	5	0.10	<1	7	9	10	3.51	<10	0.18	128	<1	0.02	4	470	18	<5	<20	6	0.16	<10	44	<10	2	43
1128	L37+50E 43+ 00N	<5	<0.2	3.03	10	45	15	0.11	<1	7	7	10	3.09	<10	0.12	158	<1	0.02	4	510	18	<5	<20	7	0.19	<10	48	<10	5	55
1129	L37+50E 43+ 25N	<5	<0.2	2.84	10	50	10	0.08	<1	7	7	9	2.62	<10	0.19	144	<1	0.02	5	710	20	<5	<20	<1	0.18	<10	41	20	6	88
1130	L37+50E 43+ 50N	<5	<0.2	1.94	5	55	10	0.12	1	11	7	14	2.95	<10	0.20	245	<1	0.02	5	370	50	<5	<20	8	0.17	<10	41	<10	21	71

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1131	L37+50E 43+ 75N	<5	<0.2	3.34	10	65	10	0.15	<1	9	9	11	3.90	<10	0.24	158	<1	0.02	5	760	32	<5	<20	11	0.20	<10	54	<10	9	82
1132	L37+50E 44+ 00N	<5	<0.2	2.24	5	60	<5	0.17	1	7	8	14	2.49	<10	0.21	192	<1	0.02	6	620	44	<5.	<20	13	0.13	<10	39	<10	18	73
1133	L37+50E 44+ 25N	<5	<0.2	1.87	5	60	10	0.08	<1	6	5	8	2.15	<10	0.09	145	<1	0.02	3	650	14	<5	<20	5	0.17	<10	39	<10	4	43
1134	L37+50E 44+ 50N	<5	<0.2	1.26	5	65	15	0.06	<1	10	7	11	4.16	<10	0.11	182	<1	0.02	5	1130	20	<5	<20	3	0.36	<10	81	<10	8	49
1135	L37+50E 44+ 75N	5	<0.2	3.54	15	50	10	0.16	<1	11	7	12	2.39	<10	0.18	217	<1	0.02	5	780	30	<5	<20	8	0.13	<10	42	20	18	49
1136	L37+50E 45+ 00N	<5	<0.2	2.93	15	60	10	0.16	<1	8	7	9	2.80	<10	0.28	189	<1	0.02	5	610	16	<5	<20	8	0.18	<10	41	<10	4	64
1137	L37+50E 45+ 25N	<5	<0.2	3.10	10	65	5	0.14	<1	8	7	9	2.61	<10	0.24	148	<1	0.02	5	620	16	<5	<20	11	0.16	<10	43	<10	6	61
1138	L37+50E 45+ 50N	5	<0.2	1.53	5	60	10	0.08	<1	10	10	13	3.80	<10	0.25	213	<1	0.01	6	520	20	<5	<20	7	0.28	<10	66	<10	4	65
1139	L37+50E 45+ 75N	<5	<0.2	2.00	10	70	10	0.16	<1	8	8	9	3.11	<10	0.25	187	<1	0.02	6	810	14	<5	<20	9	0.19	<10	49	<10	3	60
1140	L37+50E 46+ 00N	5	<0.2	4.04	10	60	5	0.14	<1	7	7	10	3.37	<10	0.08	74	<1	0.02	4	1310	16	<5	<20	5	0.20	<10	54	<10	<1	41
1141	L37+50E 46+ 25N	<5	<0.2	2.62	5	65	<5	0.12	<1	4	6	11	2.10	<10	0.08	180	<1	0.01	2	1270	12	<5	<20	6	0.10	<10	32	<10	1	47
1142	L37+50E 46+ 50N	<5	<0.2	4.13	15	65	10	0.11	<1	9	9	16	3.20	<10	0.19	162	<1	0.02	7	1220	18	<5	<20	6	0.21	<10	54	<10	14	65
1143	L37+50E 46+ 75N	<5	<0.2	1.18	<5	65	10	0.12	<1	6	7	8	2.45	<10	0.11	76	<1	0.01	4	790	32	<5	<20	5	0.24	<10	59	<10	11	41
1144	L37+50E 47+ 00N	5	<0.2	2.92	10	60	10	0.13	<1	7	7	12	4.00	<10	0.10	98	<1	0.02	4	1570	20	<5	<20	9	0.21	<10	54	<10	<1	44
1145	L37+50E 47+ 25N	<5	<0.2	2.00	<5	70	15	0.15	<1	12	10	15	4.07	<10	0.33	254	<1	0.02	8	660	20	<5	<20	9	0.18	<10	53	<10	10	64
1146	L37+50E 47+ 50N	<5	<0.2	1.60	<5	40	5	0.05	<1	4	4	9	1,71	<10	0.04	90	<1	0.01	1	400	16	<5	<20	3	0.11	<10	29	<10	10	31
1147	L37+50E 47+ 75N	5	<0.2	2.64	<5	55	10	0.08	<1	7	7	9	2.57	<10	0.12	135	<1	0.02	5	540	18	<5	<20	5	0.19	<10	43	<10	5	43
1148	L37+50E 48+ 00N	<5	<0.2	3.49	10	50	10	0.12	<1	7	6	12	3.35	<10	0.08	76	<1	0.02	4	550	16	<5	<20	7	0.22	<10	47	<10	11	41
1149	L37+50E 48+ 25N	<5	<0.2	2.54	10	70	10	0.21	<1	9	10	10	3.08	<10	0.36	194	<1	0.02	7	460	16	<5	<20	15	0.17	<10	49	<10	11	65
1150	L37+50E 48+ 50N	<5	<0.2	1.63	10	80	10	0.25	<1	10	9	11	3.61	<10	0.32	262	<1	0.02	7	460	22	<5	<20	15	0.19	<10	49	<10	5	58
1151	L37+50E 48+ 75N	<5	<0.2	2.58	10	70	10	0.20	<1	8	12	14	3.47	<10	0.29	160	<1	0.01	10	1120	16	<5	<20	11	0.14	<10	43	<10	6	53
1152	L37+50E 49+ 00N	<5	<0.2	3.14	10	70	10	0.28	<1	11	10	12	2.65	<10	0.31	578	<1	0.02	9	580	28	<5	<20	17	0.17	<10	42	<10	24	64
1153	L37+50E 49+ 25N	5	<0.2	2.72	5	45	10	0.08	<1	6	6	10	2.21	<10	0.14	258	<1	0.02	4	620	16	<5	<20	4	0.14	<10	38	<10	10	39
1154	L37+50E 49+ 50N	<5	<0.2	5.17	15	15	5	0.05	<1	5	4	12	2.18	<10	0.05	57	<1	0.02	3	940	18	<5	<20	2	0.14	<10	27	30	15	19
1155	L37+50E 49+ 75N	<5	<0.2	3.67	5	60	10	0.12	<1	9	12	14	3.19	<10	0.44	192	<1	0.01	7	790	12	<5	<20	9	0.17	<10	49	<10	4	55
1156	L37+50E 50+ 00N	<5	<0.2	4.56	15	60	10	0.09	<1	7	8	16	2.53	<10	0.19	138	<1	0.02	5	820	14	<5	<20	9	0.18	<10	39	<10	18	44
1157	L37+50E 50+ 25N	<5	<0.2	4.83	15	40	10	0.06	<1	5	7	11	2.51	<10	0.09	64	<1	0.02	3	820	16	<5	<20	4	0.17	<10	37	<10	9	27
1158	L37+50E 50+ 50N	<5	<0.2	5.09	20	40	5	0.05	<1	5	7	11	2.76	<10	0.07	52	<1	0.02	3	850	18	<5	<20	3	0.17	<10	39	<10	7	32
1159	L37+50E 50+ 75N	<5	<0.2	3.67	10	50	5	0.19	<1	7	8	15	2.17	50	0.19	114	<1	0.02	5	380	22	<5	<20	15	0.19	10	45	<10	113	31
1160	L37+50E 51+ 00N	<5	<0.2	3.56	15	75	10	0.16	<1	10	9	12	3.28	<10	0.22	179	<1	0.03	8	600	20	<5	<20	12	0.26	<10	58	<10	16	65
1161	L37+50E 51+ 25N	<5	<0.2	5.53	15	55	10	0.10	<1	6	5	12	3.42	<10	0.06	22	<1	0.02	2	1460	16	<5	<20	7	0.24	<10	44	<10	25	23
1162	L37+50E 51+ 50N	<5	<0.2	2.70	10	35	<5	0.10	<1	3	2	9	0.52	<10	0.04	17	<1	0.02	1	370	14	<5	<20	8	0.12	<10	15	<10	13	18
1163	L37+50E 51+ 75N	<5	<0.2	3.22	15	85	10	0.17	<1	7	7	10	2.67	<10	0.16	56	<1	0.02	5	560	20	<5	<20	14	0.20	<10	42	20	12	30
1164	L37+50E 52+ 00N	<5	<0.2	3.31	15	50	10	0.13	<1	8	8	11	2.46	10	0.15	90	<1	0.02	5	450	20	<5	<20	11	0.20	20	44	10	50	28
1165	L37+50E 52+ 25N	<5	<0.2	3.91	15	35	10	0.08	<1	6	6	13	2.53	<10	0.11	66	<1	0.02	4	520	24	<5	<20	6	0.21	20	41	<10	31	28
1166	L37+50E 52+ 50N	<5	<0.2	2.00	10	70	15	0.12	<1	8	7	12	3.39	<10	0.16	125	<1	0.02	5	400	26	<5	<20	10	0.25	<10	50	<10	37	41
1167	L37+50E 52+ 75N	<5	<0.2	5.41	15	30	5	0.07	<1	6	8	16	3.27	<10	0.07	76	<1	0.02	3	820	18	<5	<20	2	0.19	<10	45	<10	7	26
1168	L37+50E 53+ 00N	5	<0.2	2.75	10	35	5	0.05	<1	5	5	11	2.11	<10	0.07	60	<1	0.02	3	570	14	<5	<20	1	0.17	<10	38	<10	8	25
1169	L37+50E 53+ 25N	<5	<0.2	6.88	20	20	5	0.05	<1	6	10	13	2.92	<10	0.07	59	<1	0.02	3	1260	18	<5	<20	3	0.16	<10	37	<10	9	27
1170	L37+50E 53+ 50N	<5	<0.2	6.84	15	35	5	0.05	<1	6	11	14	3.64	<10	0.05	56	<1	0.02	3	1060	22	<5	<20	6	0.17	<10	44	<10	17	30

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1171	L37+50E 53+ 75N	<5	<0.2	5.29	15	40	10	0.06	<1	6	11	20	2.75	<10	0.16	101	<1	0.02	6	1000	18	<5	<20	4	0.10	<10	38	20	7	48
1172	L37+50E 54+ 00N	<5	0.2	7.63	40	15	5	0.05	<1	6	11	18	3.51	<10	0.06	49	<1	0.02	3	1310	28	<5	<20	<1	0.16	<10	40	50	8	28

QC DATA:

Repeat:

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L33+50E 38+ 00N	5	<0.2	1.43	<5	65	<5	0.19	<1	6	8	<1	1.97	<10	0.30	209	<1	0.01	4	310	24	<5	<20	14	0.15	<10	32	<10	12	37
9	L33+50E 40+ 00N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	L33+50E 40+ 25N	-	<0.2	2.35	10	40	<5	0.13	<1	4	7	<1	1.54	<10	0.16	170	<1	0.02	7	700	24	5	<20	13	0.09	<10	30	<10	10	38
19	L33+50E 42+ 50N	<5	<0.2	2.06	<5	70	10	0.14	<1	8	11	<1	2.82	<10	0.28	206	<1	0.01	6	400	32	<5	<20	9	0.17	<10	46	<10	<1	48
28	L33+50E 44+ 75N	-	<0.2	2.15	10	45	10	0.09	<1	9	7	4	3.29	<10	0.14	111	<1	0.02	5	580	46	<5	<20	5	0.24	<10	41	<10	15	57
29	L33+50E 45+ 00N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	L33+50E 46+ 75N	<5	<0.2	1.56	<5	40	<5	0.06	<1	3	5	6	1.55	<10	0.07	34	<1	0.01	<1	210	36	<5	<20	6	0.10	<10	28	<10	1	19
45	L33+50E 49+ 00N	20	<0.2	1.83	5	55	10	0.08	<1	7	9	7	3.60	<10	0.19	156	<1	0.02	3	430	36	<5	<20	5	0.12	<10	52	<10	<1	63
54	L33+50E 51+ 25N	-	<0.2	1.30	10	50	5	0.19	<1	4	4	8	1.54	<10	0.15	97	<1	0.02	<1	890	18	<5	14	10	0.08	10	25	20	<1	48
55	L33+50E 51+ 50N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63	L33+50E 53+ 50N	<5	<0.2	3.78	15	55	5	0.06	<1	8	7	12	2.30	<10	0.15	189	<1	0.02	2	1010	22	<5	<20	4	0.17	<10	37	<10	<1	41
71	L34E 39+ 25N	<5	<0.2	1.53	10	60	10	0.21	<1	4	4	6	1.89	<10	0.13	273	<1	0.02	<1	490	30	<5	<20	12	0.12	<10	33	<10	<1	40
80	L34E 41+ 50N	<5	<0.2	2.01	10	70	<5	0.32	<1	8	9	9	2.20	<10	0.32	359	<1	0.02	3	960	34	<5	<20	16	0.13	<10	37	<10	2	100
89	L34E 43+ 75N	<5	<0.2	4.41	10	65	10	0.07	<1	10	13	11	4.87	<10	0.23	222	<1	0.01	4	890	32	<5	<20	5	0.22	<10	71	<10	<1	68
98	L34E 46+ 00N	<5	<0.2	3.12	10	55	10	0.09	<1	8	9	10	3.75	<10	0.17	98	<1	0.02	2	360	36	<5	<20	7	0.19	<10	56	<10	<1	60
106	L34E 48+ 00N	10	<0.2	1.68	<5	35	10	0.07	<1	5	5	9	2.26	<10	0.11	85	<1	0.02	<1	560	32	<5	<20	4	0.12	<10	36	<10	<1	53
115	L34E 50+ 25N	-	<0.2	2.65	10	390	15	0.11	<1	30	90	27	4.56	<10	2.36	392	<1	0.02	28	420	44	5	<20	17	0.48	<10	105	<10	9	98
116	L34E 50+ 50N	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124	L34E 52+ 50E	<5	<0.2	2.63	5	70	5	0.05	<1	12	8	19	2.77	<10	0.13	210	<1	0.01	2	1940	40	<5	<20	3	0.13	<10	44	<10	<1	39
133	L34+50E 38+ 50N	<5	<0.2	1.75	5	35	5	0.07	<1	5	4	6	2.16	<10	0.09	70	<1	0.01	<1	330	22	<5	<20	6	0.13	<10	34	<10	6	30
141	L34+50E 40+ 50N	<5	<0.2	2.01	10	55	10	0.18	<1	7	6	7	2.66	<10	0.19	147	<1	0.03	2	360	46	<5	<20	15	0.18	<10	39	10	24	59
146	L34+50E 41+ 75N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	L34+50E 42+ 75N	<5	<0.2	2.78	15	105	10	0.34	<1	12	12	9	3.05	<10	0.45	1257	<1	0.02	7	1210	48	<5	<20	17	0.17	<10	47	<10	4	120
159	L34+50E 45+ 00N	<5	<0.2	0.55	<5	95	<5	0.16	<1	3	2	3	0.88	<10	0.17	147	<1	0.02	<1	300	20	<5	<20	9	0.08	<10	22	<10	2	41
168	L34+50E 47+ 25N	<5	<0.2	2.23	10	40	15	0.11	<1	8	9	9	3.56	<10	0.28	159	<1	0.01	1	860	74	<5	<20	5	0.16	<10	51	<10	<1	75
176	L34+50E 49+ 25N	<5	<0.2	1.11	10	40	15	0.05	<1	8	6	10	3.71	<10	0.04	61	<1	0.02	3	920	24	<5	<20	3	0.31	<10	85	<10	1	28
185	L34+50E 51+ 50N	<5	<0.2	3.25	15	50	5	0.08	<1	7	6	8	3.04	<10	0.13	165	<1	0.03	4	2010	20	<5	<20	6	0.20	<10	55	<10	8	41
194	L34+50E 53+ 75N	<5	<0.2	2.15	10	55	15	0.07	<1	9	10	12	5.51	<10	0.13	158	<1	0.02	5	2350	30	<5	<20	2	0.24	<10	74	<10	<1	36
203	L35E 39+ 75N	<5	<0.2	1.61	10	45	5	0.07	<1	5	5	8	2.94	<10	0.06	43	<1	0.02	1	360	24	<5	<20	5	0.15	<10	33	<10	8	41
211	L35E 41+ 75N	<5	<0.2	2.83	5	155	10	0.10	<1	12	30	14	3.16	<10	0.43	609	<1	0.02	16	700	24	5	<20	8	0.24	<10	49	<10	8	121
220	L35E 44+ 00N	<5	<0.2	2.89	10	75	5	0.14	<1	10	9	9	2.85	<10	0.38	341	2	0.02	10	600	28	5	<20	11	0.13	<10	48	<10	2	74
229	L35E 46+ 25N	<5	<0.2	4.04	15	50	20	0.05	3	9	12	10	6.02	<10	0.07	61	1	0.03	2	1330	24	<5	<20	2	0.16	<10	110	10	<1	23
238	L35E 48+ 50N	<5	<0.2	2.17	<5	60	5	0.07	<1	7	9	9	3.59	<10	0.25	125	<1	0.02	4	970	24	<5	<20	3	0.17	<10	56	<10	<1	40
246	L35E 50+ 50N	<5	<0.2	3.73	10	80	10	0.08	1	8	7	11	2.49	<10	0.23	437	<1	0.03	4	1730	22	<5	<20	4	0.19	<10	39	<10	2	75

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	23551	145	0.4	1.19	5	60	<5	3.37	2	10	65	14	2.71	<10	0.71	883	2	0.02	4	840	118	5	<20	114	0.02	<10	22	<10	25	218
10	23560	5	<0.2	1.47	5	40	<5	2.94	<1	10	65	8	2.81	<10	0.95	631	<1	0.03	4	930	32	10	<20	92	0.07	<10	32	<10	16	65
19	23569	75	<0.2	1.06	40	30	<5	5.71	<1	10	98	3	2.98	<10	0.69	1030	5	0.03	3	840	8	5	<20	248	0.02	<10	18	<10	21	26
36	23586	185	0.8	0.70	10	55	<5	3.10	10	9	101	30	3.10	10	0.24	936	3	0.02	3	930	192	<5	<20	57	<0.01	<10	12	<10	18	1244
45	23595	5	<0.2	1.27	5	105	5	2.21	<1	11	85	3	2.87	<10	0.81	646	1	0.03	5	1000	8	10	<20	74	0.05	<10	30	<10	18	98
54	23604	5	<0.2	1.65	5	75	5	1.43	<1	12	81	3	2.64	<10	1.07	557	<1	0.07	4	1110	4	15	<20	63	0.13	<10	41	<10	16	42
71	23621	70	0.6	0.97	10	40	<5	3.50	3	9	67	7	2.87	<10	0.91	987	1	0.02	3	870	424	<5	<20	205	0.04	<10	18	<10	11	234
80	23630	5	<0.2	0.82	<5	25	<5	4.47	<1	8	73	5	2.73	<10	0.63	802	3	0.02	2	810	6	5	<20	263	0.01	<10	12	<10	17	43
89	23639	-	0.4	0.40	<5	35	5	4.87	<1	11	74	4	3.95	<10	0.87	1110	4	0.02	4	1020	40	<5	<20	308	<0.01	<10	7	10	7	57
106	23656	5	<0.2	1.42	5	40	<5	1.61	<1	12	75	2	2.41	<10	1.08	537	<1	0.03	4	970	10	15	<20	65	0.10	<10	33	<10	18	44
115	23665	450	0.4	1.02	5	40	<5	3.45	37	12	80	53	3.24	<10	1.09	816	3	0.02	3	950	344	15	<20	206	0.04	<10	22	<10	10	2630
124	23674	20	0.2	0.35	<5	30	<5	4.81	<1	9	58	9	3.56	<10	1.06	1056	5	0.02	2	890	54	5	<20	357	<0.01	<10	7	<10	4	63
141	23691	>1000	1.0	0.60	<5	30	<5	4.46	4	11	83	14	3.46	<10	1.01	998	5	0.02	3	1010	174	10	<20	352	0.01	<10	12	<10	10	294
Standard:																														
GEO'97		130	1.2	1.93	75	165	<5	1.87	<1	20	64	87	4.26	<10	1.00	697	<1	0.03	22	690	16	10	<20	65	0.14	<10	84	<10	10	69
GEO'97		125	1.2	1.86	65	165	<5	1.79	<1	19	60	87	4.15	<10	0.98	684	<1	0.02	22	680	18	10	<20	62	0.13	<10	80	<10	8	69
GEO'97		130	1.2	1.88	65	165	<5	1.80	<1	19	61	86	4.20	<10	0.99	682	<1	0.02	25	670	16	<5	<20	65	0.13	<10	82	<10	9	68
GEO'97		155	1.2	1.88	60	165	<5	1.80	<1	19	62	86	4.23	<10	0.99	681	<1	0.02	25	680	18	15	<20	62	0.13	<10	81	<10	10	71
GEO'97		150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

df/785
XLS/97

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B.C. Certified Assayer

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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 97 - 785

14-Aug-97

KEN MURRAY
802 RICHARDS STREET
NELSON, B.C.
V1L 5S3

ATTENTION: TOM GORKOFF

No. of samples received:149
Sample type: Core
PROJECT #: North Forty
SHIPMENT #: not given
Samples submitted by: Ken Murray

ET #.	Tag #	Au (g/t)	Au (oz/t)
17	23567	1.28	0.037
34	23584	1.77	0.052
51	23601	4.02	0.117
66	23616	1.33	0.039
82	23632	2.21	0.064
116	23666	1.71	0.050
141	23691*	1.29	0.038
144	23694	3.52	0.103
145	23695	3.72	0.108

Note: * = Metallic gold suspected, screen assay recommended.

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per Frank J. Pezzotti, A.Sc.T.
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APPENDIX IV

ANALYTICAL RESULTS - PROSPECTING

25-Aug-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 97-898

BLUEBIRD MINERALS LTD.
1401-500 4TH AVENUE S.W.
CALGARY, AB
T2P 2V6

ATTENTION: TOM GORKOFF

No. of samples received: 11
Sample type: CORE
PROJECT #: NORTH FORTY
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	24051	>1000	>30	0.03	145	10	<5	<0.01	15	2	141	493	2.25	<10	<0.01	29	1	<0.01	4	<10	>10000	35	<20	2	<0.01	<10	<1	<10	<1	1672
2	24052	>1000	>30	0.04	60	<5	<5	<0.01	65	2	127	756	2.22	<10	<0.01	29	<1	<0.01	3	<10	9264	<5	<20	<1	<0.01	<10	<1	<10	<1	6704
3	24053	>1000	19.2	0.05	70	<5	<5	<0.01	<1	<1	146	138	1.88	<10	<0.01	45	3	<0.01	4	50	5056	<5	<20	<1	<0.01	<10	1	<10	<1	198
4	24054	>1000	5.6	0.03	20	<5	<5	<0.01	3	<1	159	54	0.90	<10	<0.01	34	<1	<0.01	3	30	6688	<5	<20	<1	<0.01	<10	<1	<10	<1	412
5	24055	>1000	18.2	0.06	<5	10	<5	<0.01	<1	3	123	125	1.49	<10	<0.01	1649	3	<0.01	3	80	7724	<5	<20	1	<0.01	<10	4	<10	<1	573
6	24056	>1000	10.2	0.10	30	5	<5	0.02	2	2	141	231	2.51	<10	<0.01	52	3	<0.01	3	150	5058	<5	<20	<1	<0.01	<10	2	<10	<1	486
7	24057	>1000	1.8	0.24	10	40	<5	0.10	<1	11	122	6	4.43	<10	<0.01	566	4	<0.01	5	650	698	<5	<20	3	<0.01	<10	5	<10	<1	115
8	24058	205	0.6	0.03	<5	5	<5	<0.01	<1	<1	167	11	0.69	<10	<0.01	177	<1	<0.01	4	20	32	<5	<20	<1	<0.01	<10	1	<10	<1	9
9	24059	110	0.6	0.03	<5	15	<5	<0.01	2	2	160	5	1.65	<10	<0.01	1373	4	<0.01	4	<10	166	<5	<20	<1	<0.01	<10	4	<10	<1	153
10	24060	>1000	>30	0.05	15	<5	<5	0.06	235	5	114	1801	3.22	<10	<0.01	138	<1	<0.01	4	<10	>10000	<5	<20	<1	<0.01	<10	1	<10	<1	>10000
11	24070	410	0.2	0.38	<5	35	<5	0.01	1	6	164	12	4.56	<10	<0.01	1061	4	<0.01	5	230	112	<5	<20	2	<0.01	<10	16	<10	<1	101
QC DATA:																														
Resplit:																														
1	24051	>1000	>30	0.02	155	15	<5	<0.01	17	3	150	516	2.55	<10	<0.01	32	3	<0.01	4	<10	>10000	40	<20	4	<0.01	<10	<1	<10	<1	1720
Repeat:																														
1	24051	>1000	>30	0.03	150	10	<5	<0.01	16	3	142	490	2.36	<10	<0.01	34	<1	<0.01	3	<10	>10000	35	<20	4	<0.01	<10	<1	<10	<1	1837
10	24060	-	28.0	0.05	20	5	<5	0.06	243	7	123	1804	3.30	<10	<0.01	145	<1	<0.01	2	10	>10000	<5	<20	2	<0.01	<10	1	<10	<1	>10000
Standard:																														
GEO'97		150	1.2	1.73	60	170	<5	1.80	<1	19	59	87	4.12	<10	0.95	685	<1	0.02	24	680	22	10	<20	59	0.12	<10	76	<10	8	72

per
ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/898
XLS/97kmisc#7
Fax cc: 250-354-4067/ken murray

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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 97 -898

25-Aug-97

BLUEBIRD MINERALS
1401-500 4TH AVENUE
CALGARY, ALBERTA
T2P 2V6

ATTENTION: TOM GORKOFF

No. of samples received:11
Sample type: CORE
PROJECT #: NORTH FORTY
SHIPMENT #:NOT GIVEN
Samples submitted by: NOT GIVEN

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1	24051	12.74	0.372	38.3	1.12	3.18	-
2	24052	13.79	0.402	30.1	0.88	-	-
3	24053	11.35	0.331				
4	24054	2.87	0.084				
5	24055	3.36	0.098				
6	24056	51.4	1.499				
7	24057	1.94	0.057				
10	24060	21.35	0.623	32.2	0.94	2.02	2.52
QC DATA:							
Resplit:							
1	24051	12.18	0.355				
Standard:							
Mpla				70.0	2.04	4.33	19.02

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XLS/97

APPENDIX V

DRILL LOGS

BLUEBIRD MINERALS LTD. NORTH FORTY PROJECT Geological Log Hole-ID: N4097-1

SURVEY DATA											
SURVEY	DEPTH		DIP		TRUE AZIMUTH			GRID			
	(ft.)	(m)	True		Degrees	Minutes	Seconds	SYSTEM	NORTHING (m)	EASTING (m)	ELEVATION (m)
Collar			-45°		000°			UTM	5446925.1	503457.0	
Down Hole	(ft.)	(m)	Read	True	Read	True					

CORE STORED ON PROPERTY (NORTH 42)

DRILLING DATA		
GRID SYSTEM	MINE	
APPROX. NORTHING (m)	44 + 45	
APPROX. EASTING (m)	29 + 50	
APPROX. ELEVATION (m)	1804	
DATE DRILLING STARTED	June 28, 1997	
DATE DRILLING ENDED	July 2, 1997	
	(ft.)	(m)
TOTAL DEPTH	503	153.31
CASING DEPTH	10	3.66
CASING		OUT
STEEL IN HOLE	NO	Ft.
LOGGED BY	B. Augsten	
LOGGING DATE	July 8, 1997	

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG			
				SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
From (m)	To (m)			From (m)	To (m)		
0	3.66		<u>OVERBURDEN</u> – soil, boulders ± till				
3.66	153.31		GRANODIORITE – Modal Composition Plag: 50%; Kspar: 10-25%; Qtz: 10-20%; Biot: 10-12%; Mt: <<0.5% * *locally much higher over very narrow areas, usually structurally controlled - rock is equigrandular, hypidiomorphic, mesocratic; grain size typically 2-4 mm - Kspar/plag ratio variable, approaching granite composition near top of hole				
			From 3.66 to 22.50 - weak to moderate limonite development on fractures – below this, rare limonite on fractures - mafics variably effected by epidote				
			From 16.0 to 23.00 - 2% narrow, 1 mm, limonite fractures and patches of strong sericite up to 10 cm; also, 1-2% fracture-controlled calcite with strong pervasive calcite in sericite altered zones	18.0	19.0	23551	1.0 m

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION		SAMPLE LOG: SAMPLE INTERVAL From (m)	To (m)	SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANODIORITE (cont'd)					
			@ 20.3 m	- a 0.5 cm wide quartz vein @ 20° to C.A. (vein contains heavy limonite, trace pyrite); rock peripheral to vein is bleached/ sericitized for 3-5 cm on either side of vein.	19.0 20.0 21.0	20.0 21.0 22.0	23552 23553 23554	1.0 m 1.0 m 1.0 m
			@ 22.75 m	- a 15-20 cm bullwhite quartz vein (broken); U.C. may be @ 45-50° to C.A. Vein contains strong fracture-controlled limonite, 2% sphalerite, minor < 1% malachite, 2-3% pyrite, trace galena. Peripheral to vein 30 cm above vein 10 cm below vein, strong pervasive limonite.	22.0	23.0	23555	1.0 m
			@ 29.65 m	- a 5 cm wide quartz/calcite vein @ 30° to C.A. with strong F.C. limonite, < 1% pyrite, trace sphalerite, trace chalcopyrite; strong pervasive limonite for 3/5 cm below vein with a persistent foliation // to vein.	29.0 29.65 30.30	29.65 30.30 31.00	23556 23557 23558	0.65 m 0.65 m 0.70 m
			@ 72.45 m	- a 20 cm section of strong sericite after feldspar & pervasive ± F.C. calcite with about 1% dissemination pyrite; adjacent to a 10 cm zone of pervasive limonite controlled by fractures.	72.00	73.00	23560	1.0 m
			From 72.45 to E.O.H.	- monotonous succession of a granodiorite with weak propylitization manifested by weak but somewhat variable replacement of biotite by epidote, minor fracture-controlled calcite; no sulphides, trace magnetite.				

BLUEBIRD MINERALS LTD. NORTH FORTY PROJECT Geological Log Hole-ID: **N4097-2**

SURVEY DATA												
SURVEY	DEPTH		DIP		TRUE AZIMUTH			GRID				
	(ft.)	(m)	True		Degrees	Minutes	Seconds	SYSTEM	NORTHING (m)	EASTING (m)	ELEVATION (m)	
Collar			-50°		000°			UTM	5446942.1	504007.0		
Down Hole	(ft.)	(m)	Read	True	Read	True						

DRILLING DATA		
GRID SYSTEM	MINE	
APPROX. NORTHING (m)	44 + 65	
APPROX. EASTING (m)	30 + 00	
APPROX. ELEVATION (m)	1808	
DATE DRILLING STARTED	July 2, 1997	
DATE DRILLING ENDED	July 6, 1997	
	(ft.)	(m)
TOTAL DEPTH	563	171.60
CASING DEPTH	13	3.96
CASING		OUT
STEEL IN HOLE	NO	Ft.
LOGGED BY	B. Augsten	
LOGGING DATE	July 7, 1997	

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG			
				SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
From (m)	To (m)			From (m)	To (m)		
0	3.96		OVERBURDEN				
3.96	171.60		GRANODIORITE – Modal Composition Plag: 65 – 70%; Kspar: 10 – 12%; Qtz: 12%; Biot: 7%; Mt: <1% - massive, equigranular, mesocratic, hypidiomorphic. - weakly to moderately magnetic due to sporadically dispersed disseminated magnetite. - minor small, coarse-grained melanocratic diorite xenoliths, typically <10 cm long. - weak development of epidote as replacement of biotite phenocrysts overall, with locally moderate to strong replacement of biotite. - *localized fracture-controlled oxidation but typically fractures unoxidized.*	24.00	25.00	23561	1.00 m
			@ 25.2 m - a narrow 1 cm quartz/calcite vein with trace galena; @ 15° to C.A. vein has altered selvage from 25.2 to 25.4 of pervasive calcite.	25.00	25.50	23562	0.50 m
				25.50	26.50	23563	1.00 m

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION		SAMPLE LOG			
					SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
					From (m)	To (m)		
			@ 26.50 m	- a 6-7 cm 'bull' white quartz vein with coarse fracture-controlled sphalerite & galena; broken core, no contact; peripheral to this vein is moderate to strong pervasive & fracture-controlled limonite.	26.50 27.00	27.00 28.00	23564 23565	0.50 m 1.00 m
			@ 33.07 m @ 36.14 m	- a 20 cm long limonite-altered zone (oxidized) with a weak shear fabric/foliation @ 25° to C.A. - a 15 cm long limonite-altered zone with contact @ 60° to C.A.				
			From 49.70 - 54.60 m	- 3% calcite as fracture-fillings & narrow veinlets, typically 1-3 mm wide. Also, good to moderate epidote replacement of biotite and local weak to moderate sericite replacement of plag.				
			@ 53/45 m @ 55.10 m	- an 18 cm zone with sharp contacts of strong sericite/calcite L.C. @ 40° to C.A. - minor hematite on fractures.				
			@ 75.52 m	- a 0.5 cm wide quartz veinlet with < 1 mm wide calcite selvages @ 45° to C.A. (no visible sulphides).				
			@ 92.40 m *Note*: 1% disseminated pyrite in sericite selvage.	- a 2 cm wide quartz/calcite vein @ 45° to C.A. with coarse galena, sphalerite & pyrite and disseminated chalcopyrite as inclusions in sphalerite. For 15 cm on either side of vein, intense sericite alteration and weak to moderate pervasive calcite.	91.50 92.35 92.70	92.35 92.70 93.70	23566 23567 23568	0.85 m 0.35 m 1.00 m
			@ 95.0, 96.8, & 97.4 m	- zones up to 30 cm of strong pervasive sericite ± calcite in very narrow veinlets (<<1 mm) or fractures. No visible sulphides. These zones have definable contacts @ 25°, 35° & 15° respectively.				
			@ 112.78 m	- a 1 cm wide quartz/calcite vein @ 18° to C.A.; vein contains disseminated pyrite & possible fracture-controlled sphalerite. Vein is partially oxidized with coarse limonite. Vein has a sericite/calcite alteration selvage for 4 cm on either side of vein.	112.60	113.00	23569	0.40 m
			@ 120.80 m	- a 1 cm wide quartz/calcite vein with 3% disseminated pyrite and trace very fine grained galena. Vein @ 45° to C.A. Vein flanked by a 7 cm zone on either side of strong sericite and calcite in very narrow << 0.5 mm fractures. Alteration selvage has 1-2% disseminated pyrite and possible trace sphalerite.	120.00 120.70 121.00	120.70 121.00 122.00	23570 23571 23572	0.70 m 0.30 m 1.00 m

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG			
				SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANODIORITE (cont'd)	From (m)	To (m)		
			From 125.50 to 128.65 - granodiorite is bleached/altered to a quartz/sericite rock with local pervasive patches of limonite *Note:* May be a fine grained, leucocratic phase of granodiorite; also local strong calcite veinlets (1-2 mm) with sphalerite and pyrite @ 126.0 @ 126.50 - a 2 cm quartz vein @ 50° to C.A. @ 127.75 - a 2 mm quartz veinlet with trace pyrite and trace fine grained galena. @ 125.50 - U.C. @ 60° to C.A. and abrupt; L.C. appears gradational.	124.50 125.50 126.50 127.50 128.65	125.50 126.50 127.50 128.65 129.50	23573 23574 23575 23576 23577	1.00 m 1.00 m 1.00 m 1.15 m 0.85 m
			From 143.65 to 145.60 - light green altered zone of granodiorite altered to a sericite/quartz rock with strong local pervasive calcite. Minor narrow quartz veinlets (1-3 mm). Local well-developed limonite on fractures (but not extensive). L.C. of altered zone @ 20° to C.A. U.C. not clear due to rubble.	142.50 143.65 144.50 145.50	143.65 144.50 145.50 146.50	23578 23579 23580 23581	1.15 m 0.85 m 1.0 m 1.00 m
			@ 152.90 - a 1 cm wide quartz vein with heavy (10% pyrite), predominantly as selvage to vein. Vein @ 45° to C.A.	151.00 152.00 153.00	152.00 153.00 154.00	23582 23583 23584	1.00 m 1.00 m 1.00 m
			Hole shut down in weakly propylitized, massive granodiorite.				

BLUEBIRD MINERALS LTD. NORTH FORTY PROJECT Geological Log Hole-ID: N4097-3

SURVEY DATA

SURVEY	DEPTH (ft.)	DEPTH (m)	DIP True		TRUE AZIMUTH Degrees	TRUE AZIMUTH Minutes	Seconds
Collar			-45°		000°		
Down Hole	(ft.)	(m)	Read	True	Read	True	

GRID

SYSTEM	NORTHING (m)	EASTING (m)	ELEVATION (m)
UTM	5446941.30	504056.0	

DRILLING DATA

GRID SYSTEM	MINE	
APPROX. NORTHING (m)	44 + 50	
APPROX. EASTING (m)	30 + 50	
APPROX. ELEVATION (m)	1820	
DATE DRILLING STARTED	July 6, 1997	
DATE DRILLING ENDED	July 12, 1997	
	(ft.)	(m)
TOTAL DEPTH	730	222.50
CASING DEPTH	9	2.74
CASING		OUT
STEEL IN HOLE	NO	Ft.
LOGGED BY	B. Augsten	
LOGGING DATE	July 10-12, 1997	

GEOLOGICAL INTERVAL From (m)	GEOLOGICAL INTERVAL To (m)	LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE INTERVAL From (m)	SAMPLE INTERVAL To (m)	SAMPLE NUMBER	SAMPLE DESCRIPTION
			<u>OVERBURDEN</u> - mixed till, boulders, gravel & soil				
0	2.74		<u>GRANODIORITE</u> - medium grained, mesocratic, equigranular granodiorite. Overall colour is a light grey speckled appearance; massive. Modal Composition Plag: 60-65% Qtz: 15% Ksp: 10% Biot: 10-15% - *weak propylitic alteration manifested by epidote replacement of biotite.*				
2.74	24.38		@ 12.43 m - a 1 cm quartz/calcite vein @ 55° to C.A.; strong peripheral limonite alteration for 5cm on either side of vein. Vein contains drusy limonite-stained cavities. Trace galena, sphalerite. *Note:* from 10.25 to 18.30, epidote replacement of biotite stronger. From 12.43 to 14.35 - strong pervasive limonite alteration of mafics & locally patchy pervasive calcite. @ 13.65 m - a 10 cm white quartz vein @ 55° to C.A. with fracture-controlled sphalerite, galena & pyrite & well-developed limonite on fractures.	12.0 13.0 14.0	13.0 14.0 15.0	23585 23586 23587	1.0 m 1.0 m 1.0 m

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG			
				SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANODIORITE (cont'd)	From (m)	To (m)		
24.38	26.65		Biotite Lamprophyre - fine grained, black lamprophyre with moderate pervasive calcite. - contains a 7 cm long clast of strained (foliated) marzonite. - progressively finer-grained toward lower contact. - U.C. obscured. - L.C. @ 30° to C.A. and sharp. - no visible sulphides.				
			GRANODIORITE:	38.0	38.5	23588	0.5 m
			@ 38.24 m - a 0.5 cm quartz/calcite vein with coarse sphalerite & pyrite and chalcopyrite @ 55° to C.A. Has a 3-5 cm alteration envelope of pervasive sericite and calcite giving the granodiorite a light green look. *Note:* Altered vein selvage contains < 1% disseminated pyrite and trace disseminated sphalerite.				
			@ 47.36 m - a 1.0 cm quartz/calcite vein @ 45° to C.A.; no visible sulphides but strong fracture-controlled limonite in vein and well-developed pervasive limonite for 40 cm below vein. Pervasive limonite emanates from narrow < 1 mm fractures typically @ 45-60° to C.A. Also, 1-2% narrow <1 mm calcite veinlets / fracture-fillings.	47.2	47.75	23589	0.55 m
			From 50.45 to 51.52 - a more mafic phase of granodiorite with 15-18% biotite. - U.C. contact gradational - L.C. quite abrupt @ 80° to C.A.; however, contact does not appear intrusive-no chill margins (probably just a phase change). - 1-2% fracture-controlled calcite. - moderate to strongly magnetite due to disseminated magnetite.	54.0 54.3 55.0 56.0 56.75 57.60	54.3 55.0 56.0 56.75 57.60 58.60	23590 23591 23592 23593 23594 23595	0.30 m 0.70 m 1.00 m 0.75 m 0.85 m 1.00 m
			From 53.97 to 54.28 - strongly sericitized zone with moderate to strong pervasive calcite. Also encloses a 1 cm wide quartz/calcite veinlet @ 45° to C.A. Veinlet contains <1% disseminated pyrite and trace galena and sphalerite. Altered zone contains <<0.5% disseminated pyrite.	58.60	59.80	23596	1.2 m
			From 56.0 to 56.45 - another strongly sericitized zone bleached the granodiorite to a light yellow/green colour with very minor calcite; 1% disseminated pyrite.				
			From 56.75 to 57.60 - another bleached, sericitized zone with a 5 cm quartz vein @ 56.93. Vein contains well-developed fracture-controlled limonite and < 1% fracture-controlled galena, pyrite and possible sphalerite. - vein @ 40° to C.A.; well-developed pervasive limonite for 10 cm above vein and 2 cm below vein. *Note:* This limonite alteration, as seen elsewhere, appears to overprint the sericite ± calcite alteration.				

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION		SAMPLE LOG			
					SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANDIORITE (cont'd)		From (m)	To (m)		
			@ 58.15 m	- a 0.5 cm quartz/calcite/limonite veinlet @ 30° to C.A. surrounded by a pervasive limonitized alteration envelope for 10 cm above veinlet and 5 cm below. - from 60.0 to 60.18 m, an 18 cm bull-white quartz vein with broken contacts. Vein contains coarse fracture-controlled galena (2%), sphalerite (<1%) and pyrite (3%). - vein fracture @ 40-55° to C.A. - vein has an alteration envelope from 59.8 to 60.5 with pervasive limonite overprinting a pervasive sericite alteration. - variably altered granodiorite continues to 61.35 m with a narrow < 0.5 cm galena and sphalerite and pyrite bearing quartz veinlet @ 62m. Veinlet @ 60 to C.A. *Note:* Widespread altered/mineralized zone extends from about 54.0 to 61.35 m.	59.8 60.5 69.0	60.5 61.35 70.0	23597 23598 23599	0.7 m 0.85 m 1.0 m
			From 70.8 to 73.0	- zone of more or less pervasive sericite with locally pervasive calcite. Overprinted by local zones of pervasive limonite, ultimately fracture-controlled. Within this zone numerous small <0.5 cm calcite and quartz/calcite stringers with no visible sulphides (2-3% stringers). These stringers typically @ 45° to C.A. - alteration zone contains about <1% pyrite (disseminated) & trace disseminated galena & possible trace sphalerite. Also within this *alteration zone @ 70.9 m a 5 cm quartz/limonite vein @ 40° to C.A.* Vein contains coarse fracture-controlled pyrite (5%), galena(2%) and possible sphalerite.	70.0 70.8 71.10 72.00 73.00	70.8 71.10 72.0 73.00 74.00	23600 23601 23602 23603 23604	0.8 m 0.3 m 0.9 m 1.0 m 1.0 m
			From 77.90 to 78.9 From 86.2 to 91.0	- a 3-4 mm wide calcite vein parallels core with weak to moderate peripheral sericitization & locally pervasive limonite; also < 0.5% disseminated pyrite. - 2-3% calcite veinlets with peripheral sericitization. Minor associated disseminated pyrite, locally coarse magnetite in veinlet. - *stronger than usual epidote replacement of biotite.* - minor fracture-controlled limonite. - @ 91.6 a 0.4 cm calcite/magnetite/pyrite veinlet @ 35° to C.A.	77.90 90.0	78.90 91.0	23605 23606	1.0 m 1.0 m
			From 109.4 to 111.68	- zone of very strong pervasive limonite within this zone. - @ 110.55m, a 2 cm quartz vein @ 15° to C.A. - vein contains strong fracture-controlled limonite and trace pyrite.	108.4 109.4 110.55	109.4 110.55 111.68	23607 23608 23609	1.0 m 1.15 m 1.13 m

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG			
				SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANODIORITE (cont'd)	From (m)	To (m)		
111.68	115.55		Altered Fine-grained Aplite Dike: - massive, light green/beige rock, fine-grained, leucocratic, composed of sericitized plag and quartz. - <3% biotite. - U.C. @ 45° to C.A. - L.C. @ 45° to C.A. - small <1 cm wide quartz vein @ upper contact. - weak to moderate pervasive calcite. - trace disseminated pyrite. - <1% fracture-controlled calcite. - patchy & pervasive limonite throughout overprinting sericite/calcite alteration. @ 112.65 - a 1 cm quartz vein @ 40° to C.A. with coarse fracture-controlled galena and pyrite & ± sphalerite. @ 114.65 - a 1 cm quartz vein @ 45° to C.A. with oxidized fracture-controlled pyrite and possible trace galena sphalerite. @ 114.80 - a 0.5 cm quartz vein @ 45° to C.A. with F.C. pyrite, galena ± sphalerite.	111.68 112.50 113.50 114.50 115.55	112.50 113.50 114.50 115.55 116.50	23610 23611 23612 23613 23614	0.82 m 1.00 m 1.00 m 1.05 m 0.95 m
115.55			@ 129.85 - a 10 cm quartz vein @ 45° to C.A. with coarse galena (5%), pyrite (8%) and sphalerite (<1%). Peripheral to vein, granodiorite is sericitized and calcite-altered for 20 cm above vein and 35 cm below vein. Altered rock peripheral to vein contains 2-3% disseminated pyrite. @ 131.55 - a 2 cm quartz vein @ 35° to C.A. with fracture-controlled limonite, galena, possibly sphalerite & trace pyrite. Vein has pervasive limonite peripheral to it for 10 cm on either side of it.	129.0 129.7 131.4 132.0	129.7 131.4 132.0 133.0	23615 23616 23617 23618	0.7 m 1.7 m 0.6 m 1.0 m
			@ 141.0 - a 2.5 cm wide quartz vein @ 40° to C.A. with strong pervasive limonite for 25 cm above vein and 10 cm below vein. - vein contains strong fracture-controlled limonite, trace fracture-controlled chalcopyrite, trace fracture-controlled pyrite.	140.75	141.25	23619	0.50 m
			@ 155.0 - a 1 cm quartz/calcite vein @ 30° to C.A. with pervasive sericite peripheral to vein & 5% fracture-controlled calcite. Coarse pyrite aggregates to 0.5 cm peripheral to vein.	154.5	155.45	23620	0.95 m
			@ 158.21 - a 1 cm quartz/calcite vein @ 45° to C.A. Vein contains fracture-controlled galena, sphalerite & pyrite. Immediate selvage to vein has well-developed light silvery/green muscovite/sericite. A widespread sericite alteration halo extends out from vein for 25 cm above vein and below vein.				

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG			
				SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANODIORITE (cont'd)	From (m)	To (m)		
159.55	159.80		- a leucocratic, biotite poor granodiorite dike - contact @ 25° to C.A. Fine to medium grained.				
			From 166.05 to 167.30 - granodiorite is variably sericitized & carbonatized with weak to moderate pervasive calcite.	166.00	167.30	23622	1.30 m
			@ 176.50 - a 3.5 cm quartz/calcite vein @ 50° to C.A. with trace pyrite vein enclosed within a sericite altered zone from 176.10 to 176.95.				
			From 199.8 to 203.80 - strong sericite ± calcite altered zone - altered rock has a yellowish/beige to light green colour - minor quartz/calcite veinlets < 0.5 cm wide - overall contains trace disseminate pyrite Within this altered zone is a bull-white quartz vein from 202.65 to 203.23 (0.58m) Vein contains <<0.5% fracture-controlled pyrite, trace fracture-controlled galena, possible trace sphalerite L.C. @ to C.A. From 203.8 to 219.46 - granodiorite is weakly sericitized with weak to moderate epidote replacement of biotite. Gives the rock a greenish tone. Also see some weak chlorite development on fractures & local hematite on fractures. - minor leucocratic fine to medium grained aplite dikes @ 206.3 (70 cm) and 207.48 (5 cm) @ 30° and 55° to C.A. respectively.	199.8 201.00 202.00 202.65 203.23 203.80	201.00 202.00 202.65 203.23 203.80 240.80	23624 23625 23626 23627 23628 23629	1.2 m 1.0 m 0.65 m 0.58 m 0.57 m 1.0 m
			From 216.0 to 217.0 - zone of strong pervasive sericite with moderate to strong pervasive calcite; within this zone a 2 cm quartz/calcite vein @ 10° to C.A. with no visible sulphides. - altered rock contains <<0.5% disseminated pyrite.	216.0	217.0	23630	1.0 m
			From 219.46 to 222.50 (E.O.H.) relatively unaltered granodiorite.				

BLUEBIRD MINERALS LTD. NORTH FORTY PROJECT Geological Log Hole-ID: N4097-4

SURVEY DATA											
SURVEY	DEPTH		DIP		TRUE AZIMUTH			GRID			
	(ft.)	(m)	True		Degrees	Minutes	Seconds	SYSTEM	NORTHING (m)	EASTING (m)	ELEVATION (m)
Collar			-45°		135°	0°	00	UTM	5446929.5	504056.5	1809.57
Down Hole	(ft.)	(m)	Read	True	Read	True					

DRILLING DATA		
GRID SYSTEM	MINE	
APPROX. NORTHING (m)	44 + 39	
APPROX. EASTING (m)	30 + 50	
APPROX. ELEVATION (m)		
DATE DRILLING STARTED	July 12, 1997	
DATE DRILLING ENDED	July 15, 1997	
	(ft.)	(m)
TOTAL DEPTH	503	153.31
CASING DEPTH	5	1.52
CASING		OUT
STEEL IN HOLE	NO	Ft.
LOGGED BY	B. Augsten	
LOGGING DATE	July 14 -/97	

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION		SAMPLE LOG			
					SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
From (m)	To (m)		OVERBURDEN	- boulder/gravel fill	From (m)	To (m)		
0	1.52							
1.52			GRANODIORITE:	Massive, equigranular, leucocratic to mesocratic granodiorite. CI = 10 Modal Composition: Plag: 60-65% Qtz: 15-20% Biot: 10-12% Ksp: ~10%? - non-magnetic. - no sulphides. - very weak epidote development as partial replacement of biotite. - locally may develop a very weak foliation. - minor oxidation of fractures at top of hole for ^2m. - <1% F.C. calcite overall.				
			@79.56	- a 5cm leucocratic granodiorite dikelet @ 70° to C.A. - CI = 1-2				
			@83.65	- a 4.5cm leucocratic granodiorite dikelet @ 30° to C.A. - CI = 1 : similar to above.				

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG			
				SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANODIORITE cont'd:	From (m)	To (m)		
83.83	84.40		BIOTITE LAMPROPHYRE: - dark green aphonitic rock with 5% biotite phenocrysts giving the rock a porphyritic appearance. - Moderate to strong pervasive calcite. - moderate magnetite due to disseminated magnetite. - trace disseminated pyrite. - U.C. @ 25° to C.A. - L.C. @45° to C.A. #				
			@92.34m - a 1cm quartz/calcite @45° to C.A. (contains 2% pyrite, 1-2% galena, trace chalcopyrite. - has a strong sericite/carbonate altered zone for 20cm above veinlet. This altered zone is overprinted by pervasive patchy limonite.	92.0	92.5	23631	
			Also note: From 90.85m to ______ strong epidote alteration of biotite giving the rock a much more greenish appearance. Within this zone 5% F.C. calcite.				
			From 93.6 to 96.34 - leucocratic phase of granodiorite; *CI* = 2. - U.C. sharp @ 60° to C.A. - L.C. sharp @ 55° to C.A. - contains xenolith of more mesocratic granodiorite. - fine to medium grained. - Aplite??				
			From 97.62 to 98.95 - leucocratic granodiorite? (Aplite) appears to be composed of fine grained, weakly sericitized plag & quartz with <1-2% mafics. - overall colour a very pale green to beige. - U.C. sharp @60° to C.A. - L.C. somewhat gradational? Obscured by alteration and vein nearby.				
			@98.97 - a 1.5cm quartz/calcite vein @ 20° to C.A. – no visible sulphides. - Host (GD) is pervasively limonitized for ~30cm below vein. Numerous small leucocratic granodioritic dikelets from 99.0m to generally less than 10cm wide and all similar in composition to large leucocratic granodiorite @ 93.6 to 96.34m. - minor fracture-controlled limonite throughout the hole.				

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION		SAMPLE LOG			
					SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANODIORITE cont'd:		From (m)	To (m)		
			@115.92	- a 1cm quartz/calcite vein @45° to C.A. No visible sulphides. - veinlet has typical peripheral pervasive limonite ±5cm on either side of veinlet.				
			@125.53	- a 1cm quartz/calcite vein @45° to C.A. This veinlet has coarse galena (5-7%), pyrite (10%), chalcopyrite (1%), sphalerite (<1%). Veinlet has a 1-2mm limonite selvage on the lower contact and has a sericitized alteration halo for 10cm above veinlet and ~2cm below veinlet. Sericitized alteration halo is a pervasive sericitization of granodiorite producing a pale yellow/green/beige-coloured rock.	125.40	125.75	23632	0.35m
			@135.20	- a 1-2cm wide white quartz vein. Fracture-controlled limonite along selvages @10° to C.A. No visible sulphides. - Moderate to strong pervasive limonite from 135.20 to 135.70m. - Granodiorite is visible sericitized (from moderate to strong) from 134.70 to 138.00. This sericitized zone has <0.5% disseminated pyrite. *Note:* These sorts of zones if wide enough could produce an I.P. effect.	135.00	136.00	23633	1.0m
			@136.68	- a 3cm light grey quartz/calcite vein with no visible sulphides. Vein @50° to C.A.	136.00	137.00	23634	1.0m
			@136.70	- a 2-3cm quartz/calcite vein that runs parallel to core for about 65 cm. No visible sulphides.	137.00	138.00	23635	1.0m
			From 138.0 to 150.0	- granodiorite is cut by 2-3% fracture-controlled calcite. - weak propylitic alteration especially manifested by weak epidote replacement of biotite.				
			From 150.0 to E.O.H.	- pretty much unaltered granodiorite.				
				E.O.H. @ 153.31				

BLUEBIRD MINERALS LTD. NORTH FORTY PROJECT Geological Log Hole-ID: N4097-5

SURVEY DATA

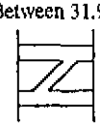
SURVEY	DEPTH		DIP		TRUE AZIMUTH			GRID			
	(ft.)	*(m)*	*True*		*Degrees*	*Minutes*	*Seconds*	*SYSTEM*	*NORTHING (m)*	*EASTING (m)*	*ELEVATION (m)*
Collar			-50°		000°			UTM	5446986.8	504107.0	
Down Hole	(ft.)	(m)	Read	True	Read	True					

DRILLING DATA

GRID SYSTEM	MINE	
APPROX. NORTHING (m)	45 + 02	
APPROX. EASTING (m)	3100 E	
APPROX. ELEVATION (m)		
DATE DRILLING STARTED	July 17/97	
DATE DRILLING ENDED	July 23/97	
	(ft.)	(m)
TOTAL DEPTH	730	222.50
CASING DEPTH	8	2.44
CASING		OUT
STEEL IN HOLE	NO	Ft.
LOGGED BY	B. Augsten	
LOGGING DATE	July 18, /97	

GEOLOGICAL INTERVAL From (m)	To (m)	LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE INTERVAL From (m)	To (m)	SAMPLE NUMBER	SAMPLE DESCRIPTION
0	2.44		CASING				
			GRANODIORITE: Medium grained, leucocratic to mesocractic, massive granodiorite: CI=15; Rock is non-magnetic. Overall colour a white to light gray (salt/pepper texture). Overall Modal Composition: Plag: 60? Qtz: 15-20% Kspar: 10%? Biot: 15% Mt: 0 - relatively unaltered overall with very weak epidote development as *replacement of biotite (2%), (propylitic alteration)* - locally pervasive sericite ± stronger epidote replacement of mafics, ± fracture-controlled calcite exists. Also fracture-controlled limonite, Feox occurs sporadically and occasionally accompanied by quartz and/or quartz/calcite veining. In addition, especially peripheral to quartz and/or quartz/calcite veins, pervasive iron oxide occurs.				

BLUEBIRD MINERALS LTD. NORTH FORTY PROJECT Geological Log Hole-ID: N4097-5

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG: SAMPLE INTERVAL From (m)	To (m)	SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANODIROITE (cont'd)				
			@ 9.10 - a 1cm wide calcite/quartz veinlet @ 0-15° to C.A.; no visible sulphides. Vein is enveloped by a light grey/pale green alteration halo consisting of pervasive sericite and weak calcite replacement of mafics? This is a typical alteration assemblage seen before.				
			From 25.4m to 27.80m - zone of strong pervasive sericite alteration manifested as a pale beige/green colour. Competency of rock has not been effected. Within this zone are several, narrow (<1cm) calcite/quartz veinlets typically @ 25-35° to C.A. These don't carry any sulphides. Also, within this alteration zone, are three narrow quartz ± calcite veinlets that do carry sulphides. All of these veinlets are strongly oxidized, with visible pyrite, trace galena and possible trace chalcopyrite, sphalerite.	22.40 23.40 24.40 25.40 26.40 27.00	23.40 24.40 25.40 26.40 27.00 27.80	23637 23638 23639 23640 23641 23642	1.0 m 1.0 m 1.0 m 1.0 m 0.6 m 0.8 m
			Veinlets @ 25.8 m @ 10° to C.A. (1.0 cm) @ 25.93 m @ 45° to C.A. (0.5 cm) @ 27.40 m @ 15° to C.A. (1.0 cm) These veinlets all have strong peripheral, pervasive limonite alteration of the granodiorite which appears to be superimposed on the pervasive sericitization.				
			From 30.20 to 30.70 - zone of pervasive ± fracture-controlled iron oxide (limonite) with no visible sulphides and no veining.				
			Between 31.96 & 32.04  - three (3) narrow (4cm) quartz ± calcite veinlets, two @ 80° to C.A. connected by a third @ 35° to C.A., forming a small stockwork. *All veinlets contain pyrite, galena, possible sphalerite.* This small "stockwork" has a strongly sericitized envelope which extends from 31.73 to 32.35. - sericitized envelope contains <<0.3% disseminated pyrite. - small zone of pervasive iron oxide @ 32.30 to 32.35.	31.73	32.35	23643	0.62 m
			From 34.85 to 41.00 - zone of strongly sericitized (± carbonatized) granodiorite overprinted locally by smaller zones (5-30 cm) of pervasive iron oxide (limonite). Alteration zone contains several calcite veinlets usually < 1 cm, and several quartz/± calcite veinlets which often carry sulphides. Possible fault within alteration zone. @ 35.00 - a 1 cm wide quartz/limonite/calcite veinlet @ 35° to C.A. Trace visible pyrite in vein. @ 35.90 - a 0.5 cm quartz/limonite veinlet @ 30° to C.A.; no visible sulphides.	34.00 34.85 36.00 37.00 38.00 39.00 70.00 41.00	34.85 36.00 37.00 38.00 39.00 40.00 41.00 42.00	23644 23645 23646 23647 23648 23649 23650 23651	0.85 m 1.15 m 1.00 m 1.00 m 1.00 m 1.00 m 1.00 m 1.00 m

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG			
				SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
From (m)	To (m)		GRANODIROITE (cont'd)	From (m)	To (m)		
			@ 36.10 - a 0.5 cm quartz/limonite veinlet @ 30° to C.A.; no visible sulphides. FAULT @ 37.10 - 2-3 cm clay gouge fault? Light to medium khaki-coloured gouge. No good angle on it. @ 37.30 - a 2 cm quartz/limonite vein @ 80° to C.A.; no visible sulphides. Lower edge of vein marks contact with an equally sericitized, but finer grained intrusive dike? Upper vein contact in rubble with fragments of sericite schist.				
37.32	39.62		Leucocratic Altered Granodiorite dike? - fine grained, altered leucocratic granodiorite dike. Alteration pattern as described above continues through this rock unit. - may be just a mere leucocratic phase of the same granodiorite. - weak to moderate pervasive calcite; strongly sericitized.				
			Note: 71% recovery between 39.63 and 42.67 m. Between 39.62 and 40.28 - two zones of rubble and possible sheared granodiorite. Sheer/fault fabric @ 20° to C.A. - sheared granodiorite has chloritic folation surfaces.				
			@ 40.00 m - an 11 cm quartz/limonite/calcite vein; coarse aggregates of pyrite (3%); no other visible sulphides. - no angle to C.A.				
			@ 67.70 m - 3 1-2 mm wide calcite veinlets with trace galena veinlets @ 50-60° to C.A. @ 71.45 m - a 2-3 cm quartz vein @ 20° to C.A. Contains coarse F.C. pyrite, galena, sphalerite ± trace chalcopyrite. - vein has a strong envelope of pervasive iron oxide (limonite).	67.60 71.35 71.75	68.00 71.75 72.60	23652 23653 23654	0.40 m 0.40 m 0.85 m
			@ 72.70 m - a couple of narrow 1 mm iron oxide (limonite)-coated fractures with traces pyrite, sphalerite?. Fractures @ 40-45° to C.A.	72.60	72.90	23655	0.30 m
			@ 73.55 m - a 1 cm quartz/pyrite/galena/± sphalerite veinlet @ 25° to C.A. with about 12 m of pervasive limonite above vein and pervasive sericite below vein persisting for ~50 cm below vein encompassing a couple of other small veinlets.	72.90	73.40	23656	0.50 m

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG			
				SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANODIROITE (cont'd)	From (m)	To (m)		
			@ 73.73 m - a small quartz "stockwork" for about 15 cm consisting of 3 or 4 interconnected light grey quartz veinlets (<0.5 cm) with coarse pyrite, galena, ± sphalerite. - bounding veins trend @ 45-50± to C.A. "Stockwork" exists within a zone of sericitized granodiorite. Note: Host granodiorite where otherwise not sericitized in the area near veins, above and below, displays an increase in epidote replacement of biotite, giving the rock a greener appearance. This is noted elsewhere.	73.40	74.00	23657	0.60 m
			@ 75.25 m - a 1 cm white quartz vein @ 50° to C.A. with 2% coarse pyrite.	74.0 75.0	75.0 76.0	23658 23569	1.0 m 1.0 m
			@ 76.50 m - a 2 cm bull-white quartz vein @ 60° to C.A. No visible sulphides. Does have ~5 cm of pervasive sericite alteration on either side of it.				
	79.25	80.00	Biotite Lamprophyre - fine grained, black, weakly calcareous, non-porphyritic, weakly magnetic lamprophyre; no visible sulphides. - U.C. observed by rubble. - L.C. @ 20° to C.A. and sharp. - some strongly chloritized fractures/slips @ 20° to C.A. # Note: @ 81.47 narrow < 1 mm fracture-controlled calcite with 2° magnetite on selvage. @ 82.90 a 0.75 cm quartz/calcite veinlet @ 45° to C.A.; no visible sulphides.				
87.90	88.50		Aplite?/Leucocratic Granodiorite Dike: - white fine to medium grained equigranular granodiorite U.C. and L.C. @ 10° to C.A. - has a mafic selvage consisting of coarse grained biotite, plag, kspar ± hornblende, ± magnetite.				
			@ 91.90 - three narrow calcite/quartz veinlets @ 35 to 45° to C.A. with a 5 cm wide sericite/calcite alteration envelope. Alteration envelope contains ~ 1-2% disseminated pyrite.				
			@ 96.41 - a 1.5 cm quartz/calcite vein @ 45° to C.A. Contains < 1% galena, sphalerite, pyrite; calcite forms a selvage to vein 1-2 mm wide. - vein also has a 5 cm (on either side) sericite/calcite alteration halo. Minor fracture controlled iron oxide in adjacent fracture.	96.20 96.60	96.60 97.30	23660 23661	0.40 m 0.60 m

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION		SAMPLE LOG			
					SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
From (m)	To (m)		GRANODIROITE (cont'd)		From (m)	To (m)		
			From 97.30 to 98.20	- zone of strong pervasive sericite imparting a pale green/yellow to beige colour to the granodiorite. Alteration zone includes 3% fracture controlled calcite. In addition, within this zone are four narrow (1-2 cm) quartz calcite veins @ 97.44, 97.64, 97.86 & 98.0 m. These veinlets cut the C.A. @ 40°, 40°, 30° & 35° respectively. The alteration halo contains about 1% disseminated pyrite. The quartz/calcite veinlets contain variable amounts of galena, sphalerite, pyrite and trace chalcopyrite.	97.30 98.20	98.20 99.20	23662 23663	0.90 m 1.00 m
106.60	107.40		Biotite Lamprophyre	- fine-grained black, non-porphyritic, calcareous, weakly magnetic, biotite-rich lamprophyre. - U.C. @ 50° to C.A. - L.C. @ 40° to C.A. - no visible sulphides.				
			@ 117.84	- a 5 cm zone of pervasive limonite – iron oxide emanating from a central fracture. No vein associated and no sulphides.				
			@ 118.64	- a 3 mm calcite/quartz veinlet @ 45° to C.A. with a relatively wide sericitized alteration halo of ~ 5 cm on either side.				
			@ 119.10 @ 119.23	- a 3.5 cm quartz ± calcite vein @ 45° to C.A. Contains coarse aggregates of sphalerite (2 cm long by 0.5 cm), galena, pyrite. - a 0.5 cm quartz/calcite veinlet @ 30° to C.A. No visible sulphides in this veinlet. These veinlets are encompassed by a yellow-beige, sericite/calcite alteration halo from 118.92 to 119.40. *Note:* Pervasive calcite continues well beyond 119.40 as a light grey cloudy alteration.		117.50 118.50 119.50	118.50 119.50 120.50	23664 23665 23666	1.00 m 1.00 m 1.00 m
			@ 120.06 @ 120.30 @ 121.20	- a 1 cm quartz/calcite vein @ 30° to C.A.; contains heavy concentrations of coarse galena, pyrite and trace sphalerite and chalcopyrite. - a 3.5 cm quartz/calcite vein @ 45° to C.A.; contains fracture-controlled pyrite, galena and trace sphalerite. - a 1.5 cm banded quartz/calcite vein @ 40° to C.A. contains < 1% disseminated pyrite and trace disseminated very fine grained galena. *Note:* these latter three veins are encompassed by a more or less continuous pervasive sericite/calcite alteration which imparts a light yellow/beige colour to the rock.		120.50 121.50 122.50	121.50 122.50 123.50	23667 23668 23669	1.00 m 1.00 m 1.00 m

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION		SAMPLE LOG			
					SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
From (m)	To (m)		GRANODIROITE (cont'd)		From (m)	To (m)		
			@ 122.63 @ 127.90	- a 2 cm wide quartz/calcite vein @ 30° to C.A. Vein contains small *(3mm x 3mm) aggregates of brown sphalerite, minor very fine* grained galena and minor disseminated pyrite. Vein has a sericite/calcite alteration halo for ~20 cm above vein and 10 cm below vein. - a 7.5 cm quartz/calcite vein @ 45° to C.A. Vein contains 1-2% fracture-controlled galena, 2.3% pyrite, possible trace sphalerite. - This vein has a strong sericite ± calcite/pyrite alteration halo for ^6 cm above vein and 25cm below vein. Halo contain 3-5% disseminated pyrite.				
			@ 130.14	- a 4 cm quartz/calcite vein @ 35° to C.A. Contains <1% galena, ¯1% pyrite, < 0.3% sphalerite and trace chalcopyrite. Sericite alteration halo from 16 cm above vein to 10 cm below vein. Alteration halo contains < 0.3% disseminate pyrite.	129.80	130.40	23671	0.60 m
133.20	134.42		Biotite Lamprophyre Dike:	- black, fine-grained, non-porphyritic, strongly calcareous biotite-rich, weakly magnetic lamprophyre. - U.C. @ 20° to C.A. - L.C. @ 60° to C.A.				
			@ 134.83m @ 135.15 Note: At lower contact of vein a 3.5 cm lamprophyre dikelet identical in composition to that above.	- a 2.5 cm quartz/calcite vein @ 55° to C.A.; vein contains 3% pyrite & < 1% galena. - a 2.5 cm quartz/calcite vein @ 45° to C.A.; vein contains 5% galena, 2% pyrite, 2-3% sphalerite. - strong pervasive and fracture-controlled calcite between 134.50 to 135.50 plus locally (adjacent to veins) strong pervasive sericite.	134.50	135.50	23672	1.00 m
			Note: From 136.0 on, relatively unaltered granodiorite with occasional calcite veinlets / fracture-fillings and variable epidote replacement of biotite. Very typically, you will see fracture-controlled calcite with a 1 cm (on either side of fracture) alteration envelope which is calcite-rich and has a grey cloudy diffuse appearance, tending to obliterate the igneous texture of the granodiorite. Usually, these are unmineralized and may represent or be part of a weak propylitic alteration.					
			@ 183.7 m @ 183.8 m	- a 1 cm quartz/calcite vein @ 15° to C.A.; vein contains traces of galena and pyrite. - a 1 cm quartz/calcite vein @ 20° to C.A.; vein is connected with above vein. Both veins are encompassed by a pervasive sericite/calcite alteration zone which extends from 183.43 to 184.2.	183.40	184.20	23673	.80 m

BLUEBIRD MINERALS LTD. NORTH FORTY PROJECT Geological Log Hole-ID: N4097-5

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG			
				SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
From (m)	To (m)		GRANODIROITE (cont'd)	From (m)	To (m)		
			@ 187.84 - a 3 mm quartz/calcite veinlet @ 50° to C.A. with pyrite and galena. @ 190.74 m - A 2 cm quartz/calcite with disseminated pyrite (1%). Adjacent calcite-lined fractures or narrow veinlets carry galena and pyrite. Vein @ 30° to C.A. Both of these veins are encompassed by a more or less continuous pervasive sericite ± calcite alteration envelope between 187.72 and 191.00.	187.72 189.00 190.00	189.00 190.00 191.00	23674 23675 23676	1.28 m 1.00 m 1.00 m
			Between 194.3 and 195.10 - 'spotty' creamy/yellow alteration in small aggregates of 3-4 mm x 3-4 mm – possible saussurrite alteration of plag.				
			@ 205.37 m - a 4 cm quartz/calcite vein @ 45° to C.A.; vein contains 3% pyrite, < 0.5% sphalerite and < 0.1% galena. - vein is encompassed by sericite/calcite alteration envelope extending from 205.10 to 205.70 m. Calcite alteration is part pervasive and part fracture-controlled by a large number of minute fractures. - minor fracture-controlled limonite (iron oxide). *Note*: Also some 'spotty' saussurrite alteration @ 205.85 m.	205.10	205.70	23677	0.60 m
			Between 213.95 and 215.10 - zone of pervasive sericite ± calcite probably enveloping mostly a narrow 1-3 mm calcite vein @ 214.25 m, which almost parallels core axis @ 8° to C.A. - <0.3% disseminated pyrite in alteration zone. - several other small calcite veinlets within zone.	213.95	215.10	23678	1.15 m
			@ 216.41 m - a 2 cm quartz vein @ 50° to C.A. *Contains 2% disseminated* pyrite mostly along vein edges. No base metals.				
			Hole ends @ 222.50 m in relatively unaltered granodiorite. Minor epidote replacement of biotite, occasional chlorite on fractures; minor fracture-controlled calcite. No visible sulphides.				

BLUEBIRD MINERALS LTD. NORTH FORTY PROJECT Geological Log Hole-ID: **N4097-6**

SURVEY DATA											
SURVEY	DEPTH		DIP		TRUE AZIMUTH			GRID			
	(ft.)	(m)	True		Degrees	Minutes	Seconds	SYSTEM	NORTHING (m)	EASTING (m)	ELEVATION (m)
Collar			-50°		000°			UTM	5447111.40	504194.9	
Down Hole	(ft.)	(m)	Read	True	Read	True					

DRILLING DATA		
GRID SYSTEM	MINE	
APPROX. NORTHING (m)	46 + 27	
APPROX. EASTING (m)	31 + 88	
APPROX. ELEVATION (m)		
DATE DRILLING STARTED	July 23, 1997	
DATE DRILLING ENDED	July 27, 1997	
	(ft.)	(m)
TOTAL DEPTH	684	208.48
CASING DEPTH	5	1.52
CASING		OUT
STEEL IN HOLE	NO	Ft.
LOGGED BY	B. Augsten	
LOGGING DATE	July 25, /97	

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG: SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
From (m)	To (m)			From (m)	To (m)		
0	1.52	8	Overburden (boulders, soil)				
			GRANODIORITE: - leucocratic to mesocratic, equigranular, massive biotite granodiorite CI = 15 Modal Composition: Plag: 55-60 Qtz: 15 Biot: 15% Kspar: 12% Acc. Hbld: 2% Trace magnetite - weak epidote development as replacement of biotite manifesting a weak propylitic alteration. Locally epidote replacement of biotite becomes strong. This is sometimes coupled with a light grey to pink patchy ghost-like alteration—possible 2° Kspar or silicification. No sulphide mineralization is usually associated with this alteration.				

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION	SAMPLE LOG			
				SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
From (m)	To (m)		GRANODIORITE (cont'd)	From (m)	To (m)		
			@ 20.0 m - a 12 cm white quartz vein @ 45° to C.A.; vein contains coarse fracture-controlled galena (1%), fracture-controlled limonite; possible trace sphalerite; vein is enveloped by a zone of strong pervasive limonite and earlier pervasive sericite/calcite. The pervasive limonite (iron oxide) which is ultimately fracture-controlled appears to be later than the sericite/calcite alteration. This pattern is seen repeatedly in other holes. The pervasive limonite and/or sericite/calcite extends from 19.40 m to 23.42 m. Another alteration pattern, seen previously, is that the pervasive calcite appears to extend beyond the limits of the pervasive sericite, in this particular case only on the downhole side of vein.	19.40 20.00 20.50 21.50 22.50	20.00 20.50 21.50 22.50 23.42	23679 23680 23681 23682 23683	0.60 m 0.50 m 1.00 m 1.00 m 0.92 m
			@ 25.60 m - 15 cm wide zone of pervasive sericite/calcite ± strong fracture-controlled calcite. Contains 1-2% disseminated pyrite and trace fracture-controlled galena.	25.60	26.00	23684	0.40 m
			@ 29.95 m - two narrow < 0.5 cm quartz/calcite/limonite veinlets @ 50-70° to C.A. Veins contain trace pyrite; most sulphides oxidized to limonite. Veinlets enveloped by pervasive sericite/calcite alteration, which extends from 27.85 to 30.20.	29.85	30.20	23685	0.35 m
			@ 30.25 m - small patch of cream/yellow 'spotty' alteration of plag?? – possible saussurite. @ 35.60 m - a 0.5 cm quartz/calcite/limonite veinlet @ 35° to C.A. Trace visible pyrite; most sulphides oxidized. Narrow alteration selvage of limonite/sericite/calcite. Two other narrow limonite/sericite alteration zones @ 35.95 & 36.10. These are clearly fracture-controlled.	35.50	36.20	23686	0.70 m
			@ 47.35 m - a 2 cm quartz/calcite/limonite vein @ 35° to C.A.; rock has pervasive limonite/sericite/calcite alteration from 46.97 to 47.80. alteration is somewhat zoned away from vein in order of limonite/sericite/calcite. All sulphides oxidized in vein.	46.97 47.80	47.80 48.80	23687 23688	0.83 m 1.00 m
			@ 49.50 m - a 2 cm quartz/limonite/sulphide vein @ ~45° to C.A. Vein contains coarse fracture-controlled pyrite, galena ± sphalerite. Vein is enveloped by a limonite/sericite/calcite alteration halo from 48.80 to 50.00. *Note*: Pervasive limonite occurs immediately adjacent to vein with sericite/calcite peripheral to that and calcite only at the periphery. Sericite/calcite alteration phase contains < 1% disseminated pyrite.	48.80	50.00	23689	1.20 m

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION		SAMPLE LOG: SAMPLE INTERVAL From (m)	To (m)	SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANODIORITE (cont'd)					
			From 56.80 to ______	- 3-5% fracture-controlled calcite at variable angles to C.A. (10-65°) to core axis. These calcite-lined fractures have a grey diffuse calcite alteration halo peripheral to fractures. Typically, no sulphides associated with these. However, @ 59.50 m, a 1-3 mm pyrite veinlet associated with fracture-controlled calcite.				
			From 98.90 to 99.80	- zone of pervasive calcite ± sericite with a couple of narrow quartz/calcite stringers @ 45° to C.A. - local coarse magnetite. - minor pyrite in veinlets.	98.90	99.80	23690	0.90 m
			@ 115.40 m	- a 2-3 mm quartz/limonite/calcite veinlet @ 45° to C.A.				
			@ 116.60 m	- a 3 cm feldspar/quartz/calcite vein @ 40° to C.A. with chlorite/epidote alteration of mafics for 5 cm on either side. Minor pyrite selvage to vein.				
			@ 119.50 m	- a 0.5 cm quartz/calcite veinlet @ 65° to C.A. Vein contains 2% pyrite and < 0.3% yellow/brown sphalerite. Veinlet has characteristic sericite/calcite alteration envelope.	119.40	119.60	23691	0.20 m
			@ 121.25 m	- a 2 cm wide quartz/calcite/limonite vein @ 40° to C.A. No visible sulphides. Vein has an immediate limonite alteration halo surrounded by a sericite/calcite envelope (as seen previously).	121.15	121.50	23692	0.35 m
			@ 134.35 m	- a 2.5 cm quartz/calcite/chlorite vein @ 40° to C.A. No visible sulphides in vein but sericite/calcite alteration halo has trace or << 0.1% disseminated pyrite.	134.10	134.80	23693	0.70 m
169.08	169.37		BIOTITE LAMPROPHYRE:	- dark grey to black, aphanitic, calcareous, weakly magnetic non-porphyritic biotite lamprophyre. - U.C. @ 25° to C.A. (sharp). - L.C. @ 45° to C.A.				
169.71	172.52		BIOTITE LAMPROPHYRE:	- similar to above; center of dike is slightly coarser with biotite forming a sub-porphyritic texture. - U.C. @ 35° to C.A. - L.C. @ 25° to C.A. - Minor chlorite development on fractures.				

GEOLOGICAL INTERVAL		LITHO CODE	LITHOLOGICAL DESCRIPTION		SAMPLE LOG			
					SAMPLE INTERVAL		SAMPLE NUMBER	SAMPLE DESCRIPTION
			GRANODIORITE (cont'd)		From (m)	To (m)		
174.72	174.82		BIOTITE LAMPROPHYRE: ?	- strongly chloritized lamprophyre. - Dark green colour. - Contact @ 25° to C.A.				
			@ 175.63	- a 2 cm quartz ± calcite vein @ 35° to C.A. Vein contains coarse fracture-controlled galena, sphalerite, pyrite and trace chalcopyrite.	175.56	175.80	23694	0.24 m
			@ 191.05 m	- a 6 cm quartz/calcite vein @ 50° to C.A. Vein contains 5% pyrite, < 1% galena, << 1% sphalerite.	190.95	191.25	23695	0.30 m
			From 191.25 to 194.90 m	- several small calcite veinlets typically @ 40-55° to C.A. and patchy pervasive calcite alteration. Also local 'spotty' saussurite and stronger than normal epidote replacement of mafics.	191.25 192.00 193.00 194.00	192.00 193.00 194.00 194.90	23696 23697 23698 23699	0.75 m 1.00 m 1.00 m 0.90 m
			Hole ends in relatively unaltered granodiorite.					

NORTH 42
325570
NORTH 40
324215
YVONNE 4
326885
YVONNE 3
326884
YVONNE 2
326883
YVONNE 1
326882
326886
ARK 1
340605
ARK 2
340606
ARK 3
340607
ARK 4
340608
ARK 5
340609
MAY 1
306363
MAY 2
306371
MAY 3
306372
BLA
340
50+00N
45+00N
40+00N
34+00E
36+00E
38+00E
40+00E
42+00E
BRUCE 1
BRUCE 2
L. 5084
232647
L. 5083
C.G.
L. 3961
C.G.
L. 3962
C.G.
Bayonne Mine
L. 5960
232648
L. 3967
C.G.
L. 6887
C.G.
L. 9360
C.G.
MAYFLOWER
314001
BLUEBIRD
314002
LAST CHANCE
314000
L. 10775
C.G.
L. 10776
C.G.
L. 10777
C.G.
Summit Belle Property
Bluebird
Bayonne
Datum: NAD83
Projection: UTM
Zone: 11
KEY MAP
Pb Assay Legend (ppm)
0 - 200 ppm
200 - 400 ppm
400 - 600 ppm
+ 600 ppm
N
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,428
0 m
100 m
300 m
500 m
Bluebird Minerals Ltd.
North 40 Property
Figure 6:
Lead Soil Geochemistry (ppm)
Drawn By: EWH
NTS: 082F/02
Fig#:
Scale: 1:5000
Date: FEB - 1998
File#: samples5k.aml
PREPARED FOR: BLUEBIRD MINERALS LTD.
PREPARED BY: KOKANEE INFORMATION SERVICES LTD.


NORTH 42
325570
NORTH 40
324215
50+00N
45+00N
40+00N
34+00E
36+00E
38+00E
40+00E
42+00E
YVONNE 4
326885
YVONNE 3
326884
YVONNE 2
326883
YVONNE 1
326882
326886
ARK 1
340605
ARK 2
340606
ARK 3
340607
ARK 4
340608
ARK 5
340609
MAY 1
306363
MAY 2
306371
MAY 3
306372
BRUCE 1
BRUCE 2
L. 5084
232647
L. 5083
C.G.
L. 3961
C.G.
L. 3962
C.G.
Bayonne Mine
L. 5960
232648
L. 3967
C.G.
L. 6887
C.G.
L. 9360
C.G.
MAYFLOWER
314001
LAST CHANCE
314000
BLUEBIRD
314002
L. 10775
C.G.
L. 10776
C.G.
L. 10777
C.G.
Summit Belle Property
Bluebird
Bayonne
BLA
340
Datum: NAD83
Projection: UTM
Zone: 11
KEY MAP
Au Assay Legend (ppb)
< 5 ppb
5 - 10 ppb
10 - 50 ppb
+ 50 ppb
N
25,428
0 m
100 m
300 m
500 m
Bluebird Minerals Ltd.
North 40 Property
Figure 5:
Gold Soil Geochemistry (ppb)
Drawn By: EWH
NTS: 082F/02
Fig#:
Scale: 1:5000
Date: FEB - 1998
File#: samples5k.aml
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