1995 GEOCHEMISTRY ON THE

LOON PROPERTY

OMINECA MINING DIVISION
NTS: O93 F/12

LATITUDE: 53° 38' N
LONGITUDE: 125°59'W

December 1995

Owner/Operator: Hudson Bay Exploration
& Development Co. Ltd.
405-470 Granville St.
Vancouver, B.C.
V6C 1V5

Authors: G.Duso
E. Yarrow

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Summary

The Loon property is located 70km south of Burns Lake, B.C. in the Omineca Mining Division. The property consists of two 4-post claims and thirteen 2-post claims for a total of 51 units owned by Hudson Bay Exploration and Development. The claims are underlain by Eocene Ootsa Lake Group, felsic, flows and tuffs. Gold and silver mineralization in the rhyolites is found within steeply dipping hydrothermal breccia zones, silicification and argillic alteration. In early May 1995, HBED personnel staked a total of 28 units to the north and west of the Loon 2 claim. A 22.5 km grid extension was added to the new claims using tight chain and compass. Geological mapping and geochemical soil sampling was then conducted on the Loon group from May 15-June 06, 1995. The purpose of this program was to determine the extent of gold/silver mineralization to the north of previously found mineralization. A total of 330 soil samples were collected along 200m spaced lines at 25m spacings. The soils were sent to Echo-Tech Labs for 30 element I.C.P. plus gold. Results failed to delineate any strong anomalies that might warrant trenching.

From Sept 6-15th, 1995 a trenching program was conducted on the Loon Group. The plan was to test several I.P. anomalies from a survey done earlier in the year. Four of the eight trenches reached epithermally altered felsic volcanics but the other trenching efforts were thwarted by deep >20ft overburden. Sixty-four samples (mostly 2m chip samples) were collected and sent to Eco-Tech Labs for 30 element I.C.P. plus gold. The results were mixed; the highest value was from a two meter chip containing 230ppb Au in TR95-04. A float boulder in TR95-05 ran 2.94 g/t Au and 29.4 ppm Ag.

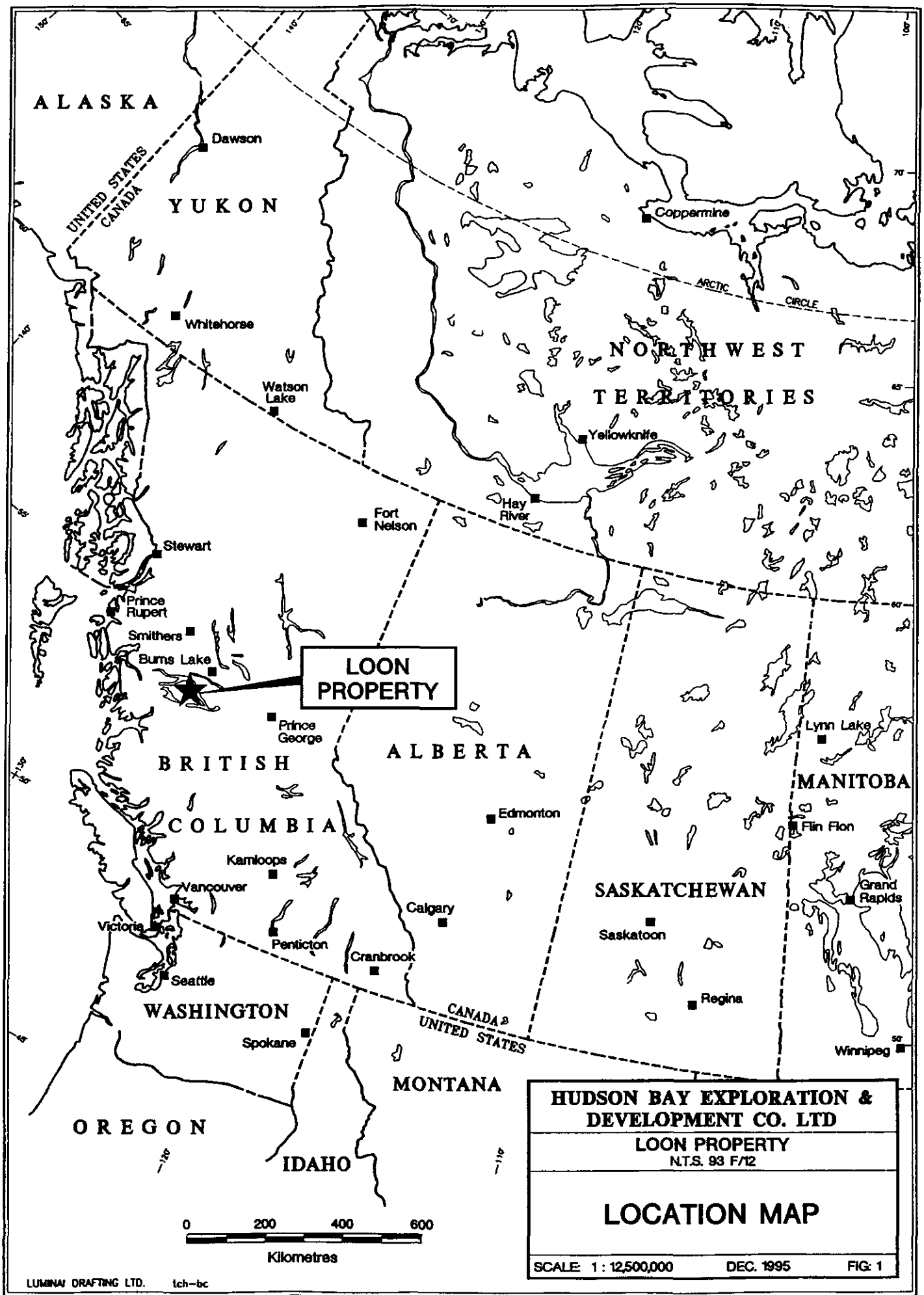
Introduction

This report is a description of soil geochemistry and backhoe trenching conducted for and by Hudson Bay Exploration & Development during the period May 15-June 6 and Sept 06-15, 1995. The first program consisted of linecutting and soil sampling and the second phase was trenching.

Location, Access and Physiography

The Loon claims are located approximately 70 km south of Burns Lake B.C. in the Omineca Mining Division. The claims are centered at a latitude 53 degrees 38 minutes north and a longitude of 125 degrees 59 minutes west, covered by NTS map sheet 93F/12. The claims lie in the Windfall Hills northeast of Uduk Lake, just east of the boundary of Tweedsmuir Provincial Park, and are bounded on the east side by a small lake locally known as Wolf lake. Access to the claims is via the Chief Louis spur of the Ootsa Main logging road. This spur passes through Loon 8 at kilometer 8.

The Loon claim block features gentle topography, with elevations ranging from 1190-1220 meters. Vegetation consists chiefly of pine flats with lesser spruce and fir, and open marshy meadows. Two lakes bound the property on east and west sides, and a small pond is situated in the southern portion of the claim block.


ALASKA
Dawson
UNITED STATES
CANADA
YUKON
Whitehorse
Watson Lake
Coppermine
ARCTIC CIRCLE
NORTHWEST TERRITORIES
Yellowknife
Hay River
Fort Nelson
Stewart
Prince Rupert
Smithers
Burns Lake
LOON PROPERTY
Prince George
BRITISH COLUMBIA
ALBERTA
Edmonton
Lynn Lake
MANITOBA
Flin Flon
Kamloops
Vancouver
Victoria
Calgary
Penticton
Cranbrook
Seattle
WASHINGTON
SASKATCHEWAN
Saskatoon
Grand Rapids
Regina
Spokane
CANADA
UNITED STATES
Winnipeg
MONTANA
OREGON
IDAHO
0 200 400 600
Kilometres
LUMINAI DRAFTING LTD. tch-bc
HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD
LOON PROPERTY
N.T.S. 93 F/12
LOCATION MAP
SCALE: 1 : 12,500,000
DEC. 1995
FIG: 1

Claim Information

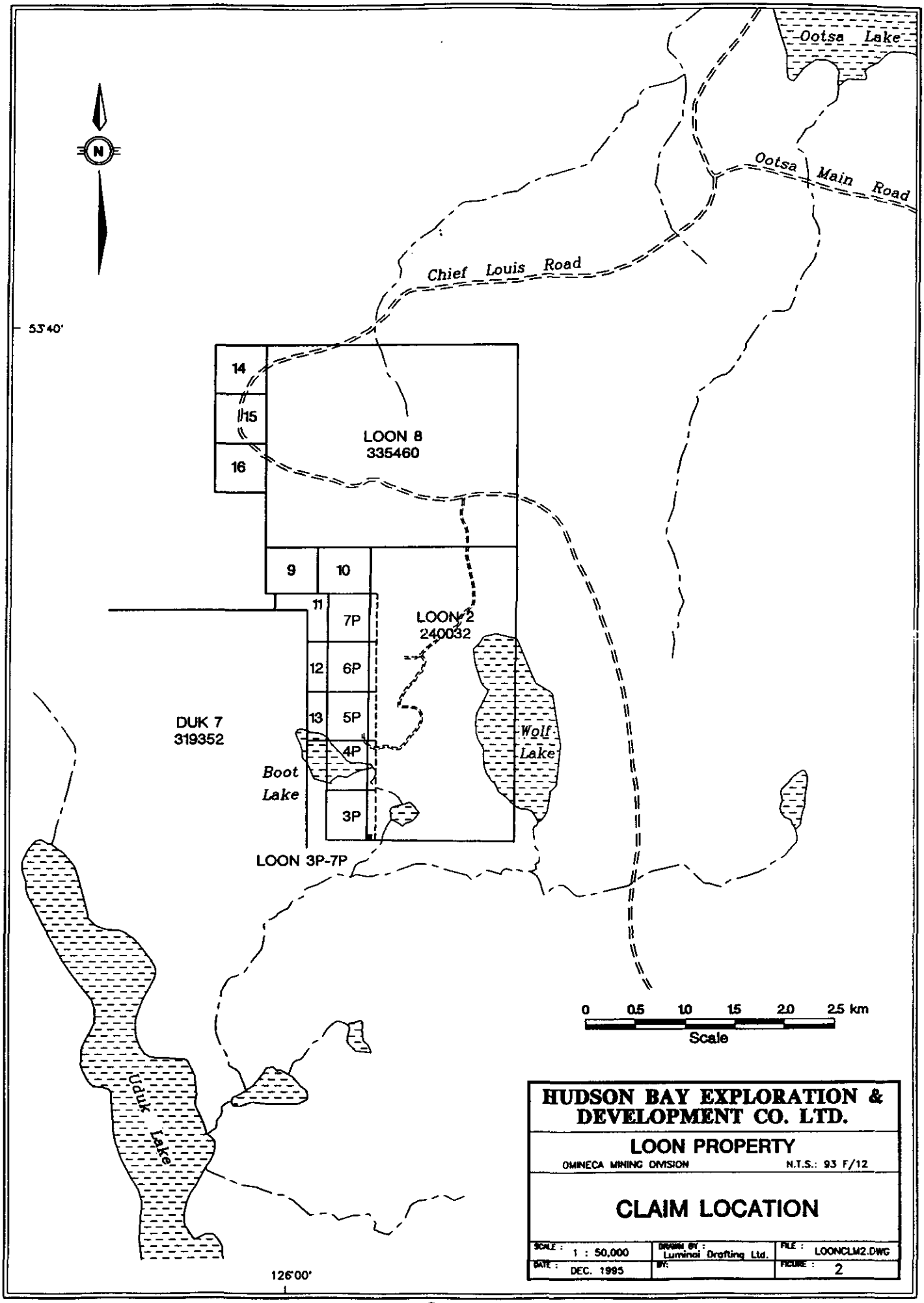
Twenty-eight claim units were added to the Loon group in 1995 to bring the total to **51** units in 15 claims.

Claim name	# of units	record #	good to date	owner
Loon2	18	240032	July 19, 2004	HBED
Loon3p	1	318551	June 23, 2004	HBED
Loon4p	1	318552	June 23, 2004	HBED
Loon5p	1	318553	June 23, 2004	HBED
Loon6p	1	331041	Sept 23, 2004	HBED
Loon7p	1	331042	Sept 23, 2004	HBED
Loon8	20	335460	May 05, 1999*	HBED
Loon9	1	335461	May 05, 1999*	HBED
Loon10	1	335462	May 05, 1999*	HBED
Loon11	1	336649	May 27, 2000*	HBED
Loon12	1	336650	May 27, 2000*	HBED
Loon13	1	336651	May 27, 2000*	HBED
Loon14	1	336736	May 31, 2000*	HBED
Loon15	1	336737	May 31, 2000*	HBED
Loon16	1	336738	May 31, 2000*	HBED

* pending acceptance of this report.

Work Performed

During the period May 15-June 06, 1995, a crew of six people conducted a linecutting and soil sampling program. Firstly, 22.5 km of grid was added north of the previous grid using tight chain and compass. The base line was cut one meter wide and tie lines were brushed out and marked at 25m spacings, secondly, 330 soil samples were collected from the "B" horizon on these new lines and sent to Eco-tech Labs in Kamloops for analysis.


Ootsa Lake
Ootsa Main Road
Chief Louis Road
53°40'
14
15
16
LOON 8
335460
9
10
11
7P
12
6P
13
5P
4P
3P
LOON 2
240032
DUK 7
319352
Boot Lake
Wolf Lake
LOON 3P-7P
Uduk Lake
126°00'
0 0.5 1.0 1.5 2.0 2.5 km
Scale
HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.
LOON PROPERTY
OMINECA MINING DIVISION
N.T.S.: 93 F/12
CLAIM LOCATION
SCALE : 1 : 50,000
DRAWN BY : Luminai Drafting Ltd.
FILE : LOONCLM2.DWG
DATE : DEC. 1995
BY:
FIGURE : 2

During the period Sept 6-15, 1995, Greg Duso and Arnd Burgert conducted a trenching program with a backhoe and operator provided by Ambroy Equipment of Fraser Lake, B.C. A 2.5 km backhoe trail was prepared and eight trenches were dug. A total of sixty-four rock samples (mostly 2m channels) were collected and sent to Eco-tech labs for analysis. The trenches and trail were reclaimed in accordance with government regulations.

Exploration History

In 1980 Amax Eploration staked claims in the Uduk Lake area just southeast of the Loon property. These claims, now known as the Duk claims are presently held by Pacific Comox Resources under option to Pioneer Metals. In 1988, Mingold Resources exploration crews discovered epithermal vein and breccia float boulders south of Ootsa Lake. The boulder train was followed up ice to similar rock in outcrop, and the ground was staked as the Loon claims. Mingold Resources carried out resistivity surveys, soil sampling, mapping and hand trenching in 1989 and 1990. Mingold ceased operations in 1990, and the Loon 2 claim was transferred to HBED in June 1993. The Loon 3p, 4p and 5p claims were staked the same month, and the Loon 6p and 7p claims were staked in September 1994. In 1994 an IP survey was carried out over the property after good results on test lines were obtained. In October 1994, five diamond drill holes tested several IP anomalies, all of which intercepted epithermal alteration/mineralization.

Geology

The Loon claims occur in the south-central part of the Intermontane Belt of the Canadian Cordillera. The oldest rocks exposed in the area are the Upper Triassic Takla Group consisting of intermediate to basic flows and tuffs. The Takla Group is overlain by early to middle Jurassic Hazelton Group Volcanics. The Hazelton Group is uncomformably overlain by Ootsa Lake Volcanics of Eocene age. These rocks consist of flows and tuffs of felsic to intermediate composition. The Ootsa Lake Group often hosts epithermal style gold-silver mineralization in the area. The Ootsa Lake Group is overlain and intruded by andesitic to basaltic flows and dykes of the middle Tertiary Endako Group. These rocks are typically basaltic in composition and have probably resulted from "plateau type" extrusion into the area. The claims are underlain by grey to buff colored rhyolite that becomes bleached and brecciated in the main trench areas. Mineralization consists of quartz-chalcedony veinlets and breccias with disseminated pyrite.

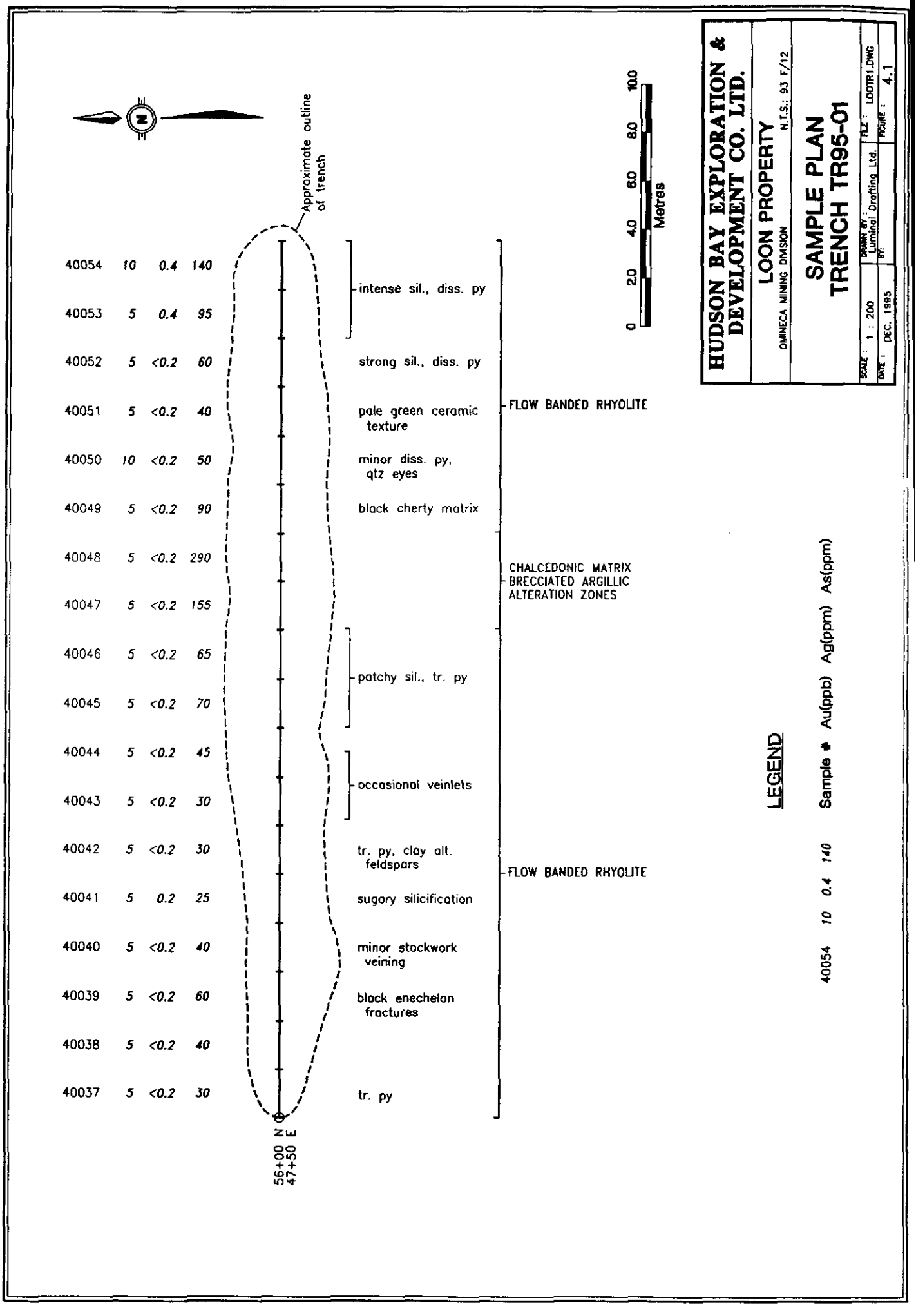
Soil Geochem Survey & Results

The grid baseline was extended to 94+00 N and east/west tie lines were added. A total of 330 soil samples were collected at 25m spacings on these grid lines. Samples were collected using long handled shovels at "B" horizon depths ranging from 10-50cm. The samples were placed in kraft wet strength paper bags and sent to Eco-tech labs in Kamloops, B.C.. A 30 element ICP and AA for gold was conducted on each soil sample. Sample locations and plotted values for the elemental pairs Au, Ag; As, Sb; Pb, Zn are presented in Figures 3.1, 3.2, and 3.3 respectively. Full analytical results are contained in appendix III.

No geochemical anomalies were delineated from this survey. Gold and silver values were at or below detection limits (5ppb and 0.2ppm respectively). Some of the more mobile elements in epithermal systems such as arsenic and antimony were also inconclusive in producing anomalies. Trenching in September revealed very thick, hard, impervious till, exceeding 6m over much of the area in which soil sampling took place. This fact might explain the lack of any geochemical signature from the soil survey despite hydrothermal structures in the area as indicated by I.P. surveys and diamond drilling.

Trenching

A crew consisting of Greg Duso and Arnd Burgert was mobilized to the Loon property for trenching. Ambroy Equipment of Fraser Lake B.C. provided a Hyundai Robex 200 Lc backhoe and an operator. Eight trenches of 5-40 meters length were dug to test several IP anomalies within the property. Each trench was mapped, channel sampled, and reclaimed in accordance with government regulations. Unfortunately, deep overburden meant that five of the eight trenches reached only partial or no bedrock. Samples were sent to Eco-tech Labs in Kamloops B.C. for multi-element ICP and AA for gold. Trench outline and sample plans for those trenches that encountered bedrock or significant float are presented in figures 4.1 through 4.5 . Full analytical results are presented in appendix IV and discussed in the following section.


HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.
LOON PROPERTY
OMINECA MINING DIVISION
N.T.S.: 93 F/12
SAMPLE PLAN
TRENCH TR95-01
SCALE : 1 : 200
DATE : DEC. 1995
DRAWN BY : Luminal Drafting Ltd.
BY:
FILE : LOOTR1.DWG
FIGURE : 4.1
0 2.0 4.0 6.0 8.0 10.0
Metres
Approximate outline of trench
56+00 N
47+50 E
40054 10 0.4 140
40053 5 0.4 95
40052 5 <0.2 60
40051 5 <0.2 40
40050 10 <0.2 50
40049 5 <0.2 90
40048 5 <0.2 290
40047 5 <0.2 155
40046 5 <0.2 65
40045 5 <0.2 70
40044 5 <0.2 45
40043 5 <0.2 30
40042 5 <0.2 30
40041 5 0.2 25
40040 5 <0.2 40
40039 5 <0.2 60
40038 5 <0.2 40
40037 5 <0.2 30
intense sil., diss. py
strong sil., diss. py
pale green ceramic texture
minor diss. py, qtz eyes
black cherty matrix
patchy sil., tr. py
occasional veinlets
tr. py, clay alt. feldspars
sugary silicification
minor stockwork veining
black enechelon fractures
tr. py
FLOW BANDED RHYOLITE
CHALCEDONIC MATRIX BRECCIATED ARGILLIC ALTERATION ZONES
FLOW BANDED RHYOLITE
LEGEND
40054 10 0.4 140 Sample # Au(ppb) Ag(ppm) As(ppm)

40061	5	0.6	215	clay alt. feldspar crystals
40060	5	0.6	80	grey green, 20 cm breccia zone
40059	5	0.4	50	grey silicified
40058	5	0.8	50	stockwork black–grey matrix breccia
40057	15	1.0	285	30 cm breccia zone
40056	5	0.2	85	minor chalcedony stringers, white matrix
40055	5	0.4	185	white chalcedonic matrix

FLOW BANDED RHYOLITE

OVERBURDEN

LEGEND

40054 10 0.4 140 Sample # Au(ppb) Ag(ppm) As(ppm)

HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

LOON PROPERTY

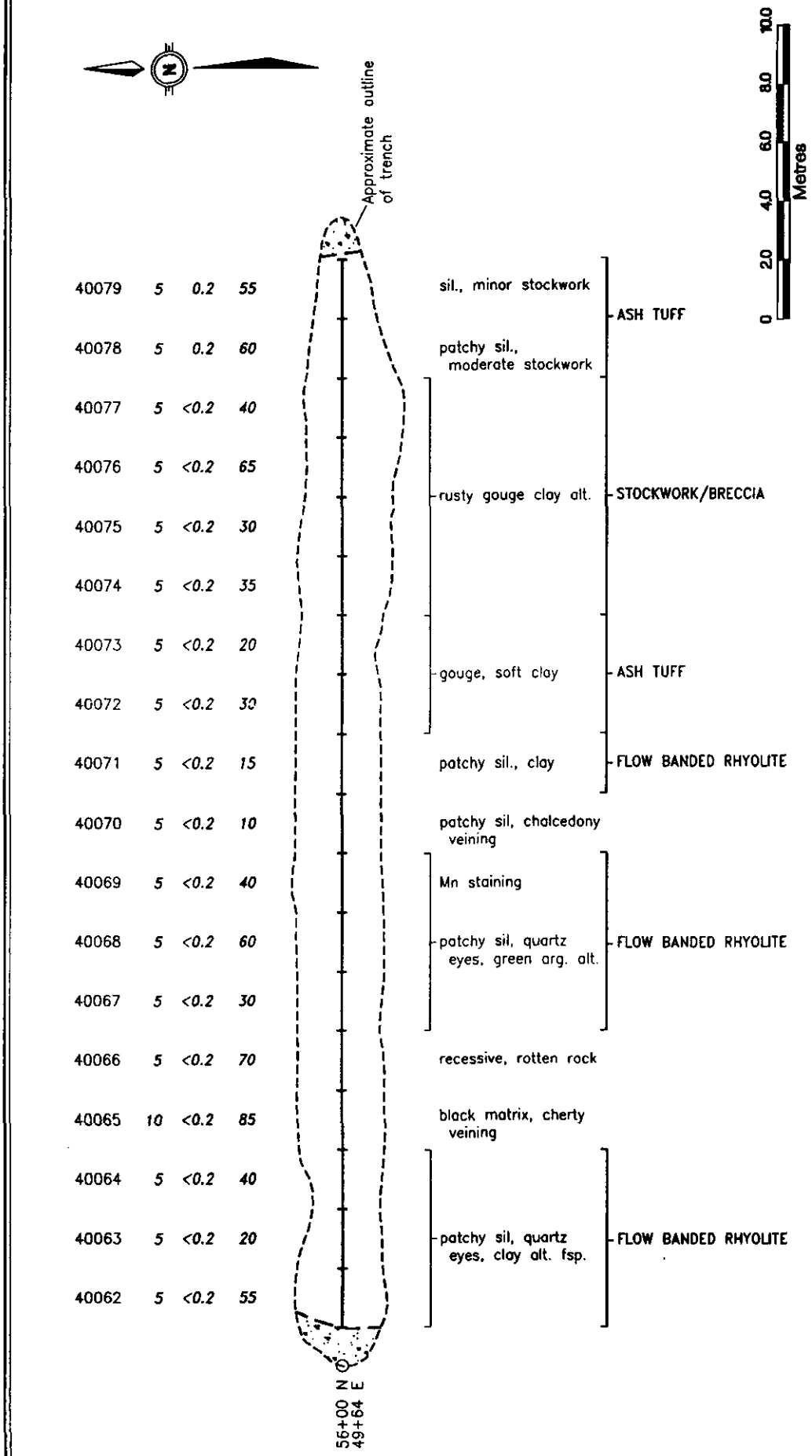
OMINECA MINING DIVISION

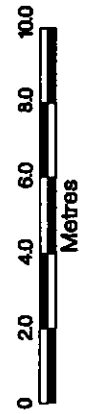
N.T.S.: 93 F/12

SAMPLE PLAN
TRENCH TR95-02

SCALE : 1 : 200 | DRAWN BY : Luminal Drafting Ltd. | FILE : LOOTR2.DWG

DATE : DEC. 1995 | BY: | FIGURE : 4.2


N
Approximate outline of trench
0
2.0
4.0
6.0
8.0
10.0
Metres
40079 5 0.2 55
40078 5 0.2 60
40077 5 <0.2 40
40076 5 <0.2 65
40075 5 <0.2 30
40074 5 <0.2 35
40073 5 <0.2 20
40072 5 <0.2 30
40071 5 <0.2 15
40070 5 <0.2 10
40069 5 <0.2 40
40068 5 <0.2 60
40067 5 <0.2 30
40066 5 <0.2 70
40065 10 <0.2 85
40064 5 <0.2 40
40063 5 <0.2 20
40062 5 <0.2 55
sil., minor stockwork
patchy sil., moderate stockwork
rusty gouge clay alt.
gouge, soft clay
patchy sil., clay
patchy sil, chalcedony veining
Mn staining
patchy sil, quartz eyes, green arg. alt.
recessive, rotten rock
black matrix, cherty veining
patchy sil, quartz eyes, clay alt. fsp.
ASH TUFF
STOCKWORK/BRECCIA
ASH TUFF
FLOW BANDED RHYOLITE
FLOW BANDED RHYOLITE
FLOW BANDED RHYOLITE
56+00 N
49+64 E
LEGEND
40054 10 0.4 140 Sample # Au(ppb) Ag(ppm) As(ppm)
HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.
LOON PROPERTY
OMINECA MINING DIVISION
N.T.S.: 93 F/12
SAMPLE PLAN
TRENCH TR95-03
SCALE : 1 : 200
DATE : DEC. 1995
DRAWN BY : Luminai Drafting Ltd.
FILE : LOOTR3.DWG
FIGURE : 4.3

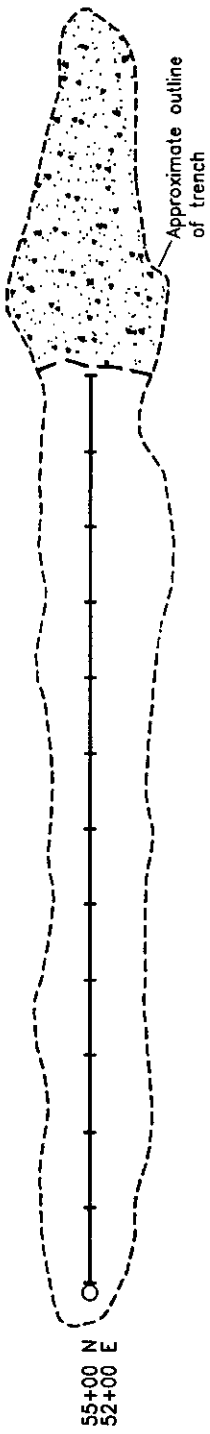


HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

LOON PROPERTY
OMINECA MINING DIVISION
N.T.S.: 93 F/12

SAMPLE PLAN
TRENCH TR95-04

SCALE : 1 : 200 | DRAWN BY : Luminal Drafting Ltd. | FILE : LOOTR4.DWG
DATE : DEC. 1995 | INIT. | MGUNE : 4.4

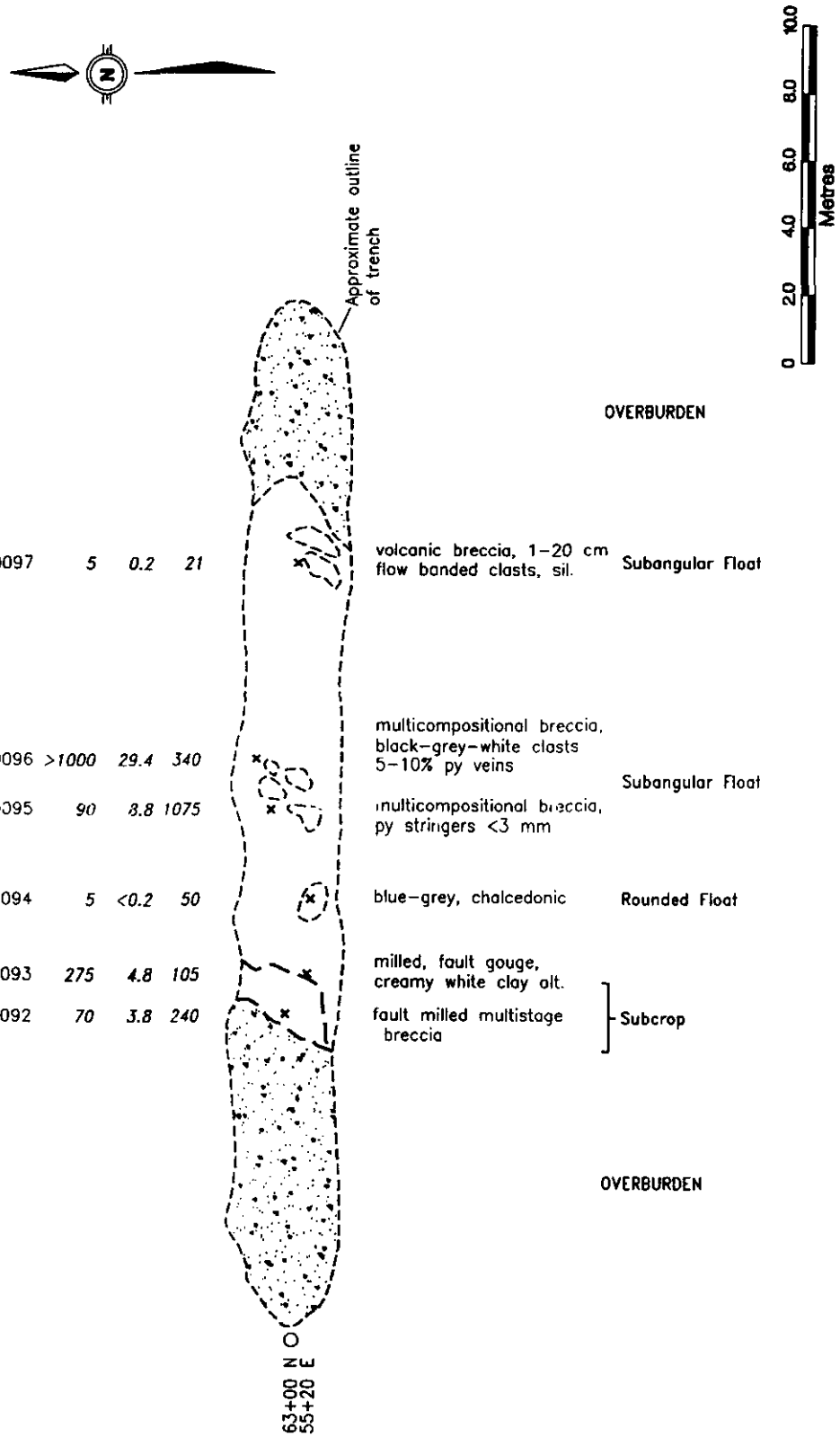


40091	5	<0.2	80	chalcedonic breccia, minor diss. py	OVERBURDEN
40090	5	0.2	135	sil., minor black matrix breccia pods	
40089	5	0.4	80	yellow–white clay alt.	
40088	5	0.2	105	rotten, jarosite, 30 cm sil. zone	
40087	10	0.6	65	rotten, jarosite	RHYOLITE, UNDIFF.
40086	50	1.2	330	sil, 10 cm black matrix	
40085	25	0.8	105	mod. stockwork, late black qtz stringers	
40084	10	0.4	85	white breccia, stockwork	
40083	5	0.4	105	stockwork, minor breccia, intense sil.	
40082	5	1.0	180	patchy stockwork grey chalcedony	
40081	40	0.6	210	stockwork	ASH TUFF
40080	230	1.6	535	white–grey breccia, intense sil.	RHYOLITE, UNDIFF.

LEGEND

40054 10 0.4 140

Sample # Au(ppb) Ag(ppm) As(ppm)


N
Approximate outline of trench
0
2.0
4.0
6.0
8.0
10.0
Metres
OVERBURDEN
40097 5 0.2 21
volcanic breccia, 1–20 cm flow banded clasts, sil.
Subangular Float
40096 >1000 29.4 340
multicompositional breccia, black–grey–white clasts 5–10% py veins
Subangular Float
40095 90 8.8 1075
multicompositional breccia, py stringers <3 mm
40094 5 <0.2 50
blue–grey, chalcedonic
Rounded Float
40093 275 4.8 105
milled, fault gouge, creamy white clay alt.
40092 70 3.8 240
fault milled multistage breccia
Subcrop
OVERBURDEN
63+00 N
55+20 E
LEGEND
Sample location
40054 10 0.4 140
Sample # Au(ppb) Ag(ppm) As(ppm)
HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.
LOON PROPERTY
OMINECA MINING DIVISION
N.T.S.: 93 F/12
SAMPLE PLAN
TRENCH TR95-05
SCALE : 1 : 200
DRAWN BY : Luminai Drafting Ltd.
FILE : LOOTR5.DWG
DATE : DEC. 1995
BY:
FIGURE : 4.5

Trench Results

TR95-01: location L56+00N, 47+50E. Samples #40037-40054.

This trench was dominantly well silicified, sugary, bleached white/grey, flow banded rhyolite with traces of disseminated pyrite throughout, and occasional intervals of black/grey, chalcedony matrix breccia/stockwork. Silicification varied from sugary to almost ceramic like textures. Relict flowbanding was still visible and the rocks were peppered with green, clay altered feldspars. Pyrite occurs as disseminated flakes and/or small <1mm cubes often oxidized along fracture planes. There is the oocasional qtz stringer <1cm wide throughout the entire trench. Flow banding orientations are coincident with a dominant fracture set that dips shallowly to the west. Geophysically this trench was intended to explore chargeability highs up to 33 mV/V and resistivity readings exceeding 3000 ohm-ms. These readings are part of a large north/south striking IP anomaly on the west side of the property that until now had not been trenched. Geochemical results were poor with all gold and silver values at or below 10 ppb and 0.2ppm respectively.

TR95-02: location L58+00N, 46+75. Samples #40055-40061.

This trench could reach bedrock only at the east end. The rocks wre similar to TR95-01, consisting of silicified/bleached, flow banded rhyolites with up to 50% stockwork and patchy chalcedony matrix breccias. The trench was intended to uncover chargeability highs up to 49mV/V and moderate resistivities in the 400 ohm-ms range. This is also part of the north/south trending, western IP anomaly. Geochem results were barely anomalous for gold and silver with the highest assay #40057 (15ppb Au, 1ppm Ag) containing a 30cm breccia zone.

TR95-03: location L56+00N,49+64E. Samples #40061-40079.

This trench was placed because of abundant silicified subcrop. Chargeabilities were in the 25mV/V range at the n=1 layer with resistivities varying around the 400 ohm-ms range. Lithologically, this trench was dominantly moderate to intensely silicified, bleached white, flow-banded rhyolite with occasional rotten gougy reccesive zones <2m wide and small intervals of stockworking or black matrix breccia. Original flow banding textures are preserved. Geochem results were sub anomalous with only one sample achieving 10ppb Au over 2m.

banded rhyolite with occasional rotten gougy reccesive zones <2m wide and small intervals of stockworking or black matrix breccia. Original flow banding textures are preserved. Geochem results were sub anomalous with only one sample achieving 10ppb Au over 2m.

TR95-04: location L55+00N,52+00E. Samples #40080-40091.

This trench was placed to catch the north end of a north/south ovoid chargeability high around 36mV/V and moderate resisitivities in the 700 ohm-ms range. Bedrock could only be reached for 24m before plunging steeply beneath deep overburden. The rocks were intensely stockworked and brecciated, rhyolitic tuffs. Intermittent pods of black matrix breccia were intermixed with rotten, fault milled zones and/or intense silicification.The best assay was 230ppb Au,1.6ppm Ag over 2m. This sample was a white to grey chalcedony matrix breccia with secondary black stringers.

TR95-05: location L56+00N, 52+50E. Samples #40092-40097.

Trench five was placed to expose a 32mV/V chargeability high and an easterly dipping resistivity flank in the 600 ohm/ms range. True bedrock was never reached but several float boulders from up ice were sampled with interesting results. Four of the six samples were anomalous in gold and silver. One semi-rounded boulder of multi-episodic breccia assayed at 2.94 g/t gold and 29.4 ppm silver.

TR95-06-08 were to test chargeabilities to the north, but all failed to reach bedrock. No significant floatboulders were found in these trenches.

Discussion and recommendations

The relatively quiet geochem results from the 1995 soil survey are probably a function of the deep impervious till that covers the north portion of the property. Although geochemistry did not work on this particular area, this should not discourage the future use of soil sampling in the region for epithermal exploration; especially for some of the more mobile elements like arsenic, mercury and antimony.

The 1995 trenching program was successful in unearthing more epithermal alteration over IP chargeability anomalies but was hampered by deep overburden. Trench samples returned anomalous values for gold and silver but the best grade (2.95 g/t Au and 29.4 ppm Ag) was in a float boulder that has come from the southwest. The abundance of alteration suggests that there is a very large (almost vertical) structure/conduit fedding this system that might be intercepted at depth with drilling.

References

Gal, L. (1994) : Diamond Drilling Report on the Loon Property. Omineca Mining Division, B.C. Assessment report dated December 1994.

Reynolds, P. (1993) : Geochemical and Geophysical Report on the Loon Claims. Unreleased B.C. Assessment Report dated July 21, 1993.

Taylor, K.J. (1990) : Geochemical and Geophysical Surveys, Mapping, Rock Sampling and Trenching on the Loon 1-3 Claims, Omineca Mining Division, B.C. Assessment Report #20123.

Tipper, H. (1963) : Nechako River Map Area (93 F), B.C., G.S.C. Memoir 324.

APPENDIX I

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
LOON PROPERTY

MAY 15-JUNE 06,1995

Personnel	
Four geologists for 80 man days @ 200/day	16000.00
G. Duso 05/15 - 06/06	
M. Buchanan 05/15 - 06/06	
G. Vernon 05/17 - 06/28	
A. Burgert 05/17 - 06/28	
S. Sears 05/15,16; 06/4,5,6	
P. Walcot 05/15-05/19	
Cook for 20 days @ 175/day	3500.00
Cook 05/17 - 06/05	
Camp costs	
Food	2000.00
Camp/field supplies	1000.00
Analytical charges	
330 soil samples (32 element ICP+ Au)	4950.00
Mob/demob	
Vancouver-Burns Lake-property	600.00
Report preparation	
4 days @ 152/day	608.00
Drafting-secretarial	200.00
TOTAL EXPENDITURES	28858.00

STATEMENT OF EXPENDITURES
LOON PROPERTY

SEPTEMBER 06-15, 1995

Trenching	
Backhoe & operator (Ambroy Equipment)	4776.48
Personnel	
18 man days @ $200/day	3600.00
G. Duso	
Arnd Burgert	
Analytical charges	
64 rock samples	950.00
Room/board	
West Fraser Mills crewhouse, 20 man days	1100.00
Miscellaneous	
Geological supplies	200.00
Truck rental @ $60/day	540.00
Mob/demob-(Vancouver-Burns Lake-property)	300.00
Report preparation	
2 days @ $200/day	400.00
Drafting, secretarial	200.00
TOTAL EXPENDITURES	12066.48

APPENDIX II

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Edward W. Yarrow, of White Rock, British Columbia hereby certify that:

1) I am a graduate of the University of British Columbia, with a B.Sc. in Geology (1970).

2) I have practiced my profession continuously since 1970.

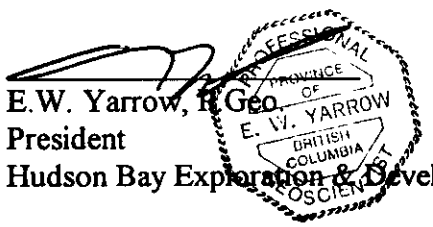
3) I am currently employed as President of Hudson Bay Exploration & Dev. Co. Ltd

4) I am a Fellow of the Geological Association of Canada.

5) I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.

6) I provided overall supervision and guidance in compiling and interpreting the results of the fieldwork on the Loon property.

Signed this day 27 of November, 1995.



E.W. Yarrow, P.Geo.
President
Hudson Bay Exploration & Development Co. Ltd.

STATEMENT OF QUALIFICATIONS

I, Greg Duso, of Burnaby, B.C. hereby certify that:

1) I am a graduate of the University of British Columbia, with a B.Sc. in geology (1992).

2) I have practiced my profession continuously since 1992.

3) I am currently employed as a Geologist for Hudson Bay Exploration & Dev. Co. Ltd.

4) The information in this report is based on published and unpublished reports on the property, and by work conducted on the Loon property by myself for HBED.

5) I have no interest in the property or any other within a 10 km radius.

Signed this day 27 of November, 1995.

G Duso

Greg Duso
Geologist
Hudson Bay Exploration & Development.

APPENDIX III

SOIL GEOCHEM RESULTS

n-95

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

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

HUDSON BAY EXPLORATION & DEVELOPMENT LTD. AK 95-317
405-470 Granville St.
VANCOUVER, B.C.
V6C 1V5

ATTENTION: ED YARROW/ SANDY SEARS

346 soil samples received June 8, 1995
Project #:2309

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	LNABX01	<5	<.2	1.01	<5	120	5	0.49	<1	9	18	10	2.67	<10	0.37	672	<1	0.02	12	580	6	<5	<20	54	0.07	<10	48	<10	7	54
2	LNABX02	<5	<.2	0.80	<5	90	5	0.39	<1	8	17	8	2.61	<10	0.31	480	<1	0.02	9	540	4	<5	<20	41	0.07	<10	50	<10	6	46
3	LNABX03	<5	<.2	2.09	10	150	<5	1.14	<1	7	21	18	2.71	10	0.53	521	<1	0.02	21	720	6	<5	<20	97	0.04	<10	38	<10	23	52
4	LNABX04	<5	<.2	0.75	<5	95	<5	0.35	<1	10	13	12	2.83	<10	0.38	784	<1	0.02	11	590	4	<5	<20	33	0.07	<10	50	<10	5	51
5	LNABX05	<5	<.2	0.80	<5	95	<5	0.38	<1	8	16	23	2.77	<10	0.32	581	<1	0.02	10	530	10	<5	<20	42	0.07	<10	52	<10	5	53
6	LNABX06	5	<.2	0.77	<5	90	<5	0.38	<1	8	14	9	2.22	<10	0.31	534	<1	0.02	10	520	4	<5	<20	42	0.06	<10	40	<10	5	46
7	LNABX07	<5	<.2	0.75	<5	100	5	0.39	<1	7	15	9	2.25	<10	0.28	493	<1	0.02	10	540	4	<5	<20	43	0.07	<10	43	<10	6	47
8	LNABX08	<5	<.2	0.77	<5	100	5	0.39	<1	7	15	7	2.16	<10	0.28	494	<1	0.02	9	540	4	<5	<20	44	0.07	<10	40	<10	6	46
9	LNABX09	5	<.2	1.45	<5	125	<5	0.58	<1	10	22	17	3.46	<10	0.45	630	<1	0.02	15	720	6	<5	<20	52	0.06	<10	62	<10	9	68
10	LNABX10	<5	<.2	0.83	<5	105	<5	0.40	<1	8	13	7	2.16	<10	0.31	656	<1	0.02	10	500	4	<5	<20	44	0.06	<10	38	<10	6	49
11	LNABX11	<5	<.2	0.71	<5	85	<5	0.36	<1	7	14	6	2.12	<10	0.27	472	<1	0.02	9	500	4	<5	<20	38	0.07	<10	40	<10	5	44
12	LNABX12	<5	<.2	0.75	<5	90	<5	0.38	<1	7	13	6	2.02	<10	0.28	450	<1	0.02	9	510	4	<5	<20	43	0.07	<10	38	<10	6	43
13	LNABX13	5	<.2	0.67	<5	85	5	0.34	<1	7	13	6	2.01	<10	0.26	411	<1	0.02	8	480	4	<5	<20	37	0.07	<10	39	<10	5	41
14	LNABX14	<5	<.2	0.60	<5	70	<5	0.34	<1	7	16	5	2.50	<10	0.25	453	<1	0.02	8	510	4	<5	<20	33	0.08	<10	53	<10	5	44
15	LNABX15	5	<.2	0.66	<5	80	<5	0.34	<1	7	12	6	2.01	<10	0.28	338	<1	0.02	9	480	4	<5	<20	39	0.07	<10	39	<10	5	42
16	LNABX16	<5	<.2	1.24	45	100	<5	0.48	<1	6	10	14	2.67	10	0.20	1382	2	0.02	10	820	6	<5	<20	44	0.02	<10	20	<10	24	111
17	LNL66N45+00E	<5	<.2	0.85	<5	60	5	0.13	<1	5	13	6	1.51	<10	0.18	145	<1	0.01	6	300	10	<5	<20	13	0.11	<10	31	<10	3	41
18	LNL66N45+25E	5	<.2	0.78	10	55	<5	0.14	<1	6	14	6	1.74	<10	0.20	156	<1	0.01	7	230	8	<5	<20	13	0.10	<10	38	<10	2	39
19	LNL66N45+50E	<5	<.2	1.00	15	80	<5	0.14	<1	6	14	7	1.91	<10	0.23	169	<1	0.03	8	340	10	<5	<20	15	0.10	<10	39	<10	2	38
20	LNL66N45+75E	5	<.2	1.83	<5	90	10	0.09	<1	9	20	8	3.24	<10	0.18	197	<1	0.01	11	1470	10	<5	<20	11	0.09	<10	62	<10	<1	70
21	LNL66N46+00E	<5	<.2	3.86	20	185	5	0.30	<1	13	25	23	4.68	<10	0.48	499	<1	0.05	24	1440	18	<5	<20	38	0.04	<10	66	<10	4	114
22	LNL66N46+25E	<5	<.2	1.49	<5	90	<5	0.20	<1	10	16	9	2.38	<10	0.31	675	<1	0.02	11	490	10	<5	<20	23	0.08	<10	43	<10	3	52
23	LNL66N46+50E	<5	<.2	1.26	<5	75	5	0.19	<1	8	17	9	2.18	<10	0.29	264	<1	0.01	10	310	10	<5	<20	22	0.10	<10	42	<10	2	47
24	LNL66N46+75E	<5	<.2	1.60	5	110	5	0.26	<1	10	18	11	2.66	<10	0.42	365	<1	0.01	14	480	10	<5	<20	27	0.08	<10	50	<10	3	64
25	LNL66N47+00E	<5	<.2	1.86	<5	105	5	0.20	<1	10	19	8	3.44	<10	0.26	221	<1	0.01	12	1150	10	<5	<20	20	0.08	<10	68	<10	<1	44
26	LNL66N47+25E	<5	<.2	1.32	<5	100	<5	0.33	<1	8	18	10	2.28	<10	0.34	318	<1	0.02	10	340	10	<5	<20	32	0.09	<10	45	<10	5	52
27	LNL66N47+50E	5	<.2	0.61	<5	55	<5	0.18	<1	5	10	5	1.38	<10	0.16	214	<1	0.01	5	190	10	<5	<20	18	0.09	<10	31	<10	3	35
28	LNL66N47+75E	<5	<.2	1.59	<5	120	<5	0.43	<1	10	18	12	2.70	10	0.43	1048	<1	0.01	14	330	12	<5	<20	44	0.08	<10	50	<10	8	50
29	LNL66N48+00E	<5	<.2	2.45	<5	175	5	0.18	<1	10	19	13	3.21	<10	0.28	210	<1	0.01	19	700	12	<5	<20	24	0.08	<10	57	<10	2	42
30	LNL66N48+25E	<5	<.2	1.32	<5	110	<5	0.32	<1	7	18	11	2.23	10	0.30	285	<1	0.02	10	300	12	<5	<20	38	0.09	<10	45	<10	10	38

HUDSON BAY EXPLORATION & DEVELOPMENT LTD. AK 95-317

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	Tl %	U	V	W	Y	Zn
31	LNL66N48+50E	<5	<.2	0.74	<5	75	5	0.23	<1	6	15	7	2.29	<10	0.27	234	<1	0.01	7	200	8	<5	<20	24	0.11	<10	52	<10	3	43
32	LNL66N48+75E	<5	<.2	2.38	5	125	5	0.10	<1	11	24	11	4.36	<10	0.23	278	<1	0.01	14	2250	12	<5	<20	14	0.08	<10	83	<10	<1	90
33	LNL66N49+00E	<5	<.2	0.76	<5	65	<5	0.21	<1	6	13	6	1.71	<10	0.23	174	<1	0.01	7	190	8	<5	<20	21	0.09	<10	36	<10	3	42
34	LNL66N49+25E	<5	<.2	1.15	<5	65	<5	0.12	<1	7	16	7	2.52	<10	0.16	281	<1	0.01	8	780	8	<5	<20	13	0.06	<10	53	<10	2	49
35	LNL66N50+00E	<5	<.2	2.25	<5	120	<5	0.13	<1	8	21	10	3.11	<10	0.29	141	<1	0.01	14	1070	16	<5	<20	16	0.05	<10	55	<10	1	94
36	LNL66N50+25E	<5	<.2	1.23	<5	95	<5	0.15	<1	8	14	8	2.22	<10	0.24	194	<1	0.01	9	410	10	<5	<20	13	0.09	<10	48	<10	2	45
37	LNL66N51+00E	5	<.2	0.95	<5	115	5	0.41	<1	8	17	7	1.77	<10	0.27	296	<1	0.02	7	520	10	<5	<20	39	0.10	<10	41	<10	6	50
38	LNL66N53+00E	<5	<.2	1.31	<5	130	5	0.57	<1	9	19	10	2.34	<10	0.39	251	<1	0.02	10	430	10	<5	<20	50	0.09	<10	52	<10	6	54
39	LNL66N53+25E	<5	<.2	1.54	<5	80	5	0.25	<1	8	17	11	2.55	<10	0.31	198	<1	0.01	10	640	10	<5	<20	22	0.09	<10	53	<10	4	54
40	LNL66N53+50E	5	<.2	1.83	<5	120	<5	0.29	<1	8	18	11	2.15	<10	0.33	481	<1	0.01	11	330	10	<5	<20	26	0.05	<10	43	<10	4	62
41	LNL66N53+75E	10	<.2	2.62	<5	150	5	0.24	<1	10	26	16	3.23	<10	0.51	319	<1	0.01	18	760	14	<5	<20	27	0.08	<10	55	<10	3	94
42	LNL66N54+00E	<5	<.2	1.34	<5	120	<5	0.19	<1	6	16	9	1.96	<10	0.26	173	<1	0.01	10	440	10	<5	<20	23	0.08	<10	37	<10	4	50
43	LNL66N54+25E	<5	<.2	1.21	<5	115	5	0.27	<1	7	16	8	1.84	<10	0.32	300	<1	0.02	10	340	12	<5	<20	28	0.09	<10	36	<10	4	49
44	LNL66N54+50E	<5	<.2	1.92	<5	115	5	0.12	<1	10	19	9	2.88	<10	0.24	183	<1	0.01	11	1040	12	<5	<20	14	0.08	<10	55	<10	2	59
45	LNL66N54+75E	<5	<.2	2.41	<5	130	<5	0.15	<1	10	22	10	3.26	<10	0.26	193	<1	0.01	13	1320	12	<5	<20	16	0.10	<10	59	<10	2	76
46	LNL66N55+00E	<5	<.2	1.81	<5	120	<5	0.21	<1	9	17	9	2.12	<10	0.32	188	<1	0.01	11	490	10	<5	<20	18	0.11	<10	38	<10	3	56
47	LNL66N55+25E	5	<.2	2.32	<5	130	<5	0.11	<1	11	22	10	3.07	<10	0.27	208	<1	0.01	14	1040	12	<5	<20	13	0.12	<10	59	<10	1	56
48	LNL66N55+50E	<5	<.2	1.55	<5	115	<5	0.13	<1	3	13	7	1.18	<10	0.13	80	<1	0.01	6	160	14	<5	<20	17	0.03	<10	26	<10	3	35
49	LNL66N55+75E	<5	<.2	1.58	<5	125	<5	0.15	<1	8	16	8	2.46	<10	0.22	190	<1	0.01	9	800	12	<5	<20	18	0.08	<10	47	<10	2	59
50	LNL66N56+00E	<5	<.2	3.19	30	190	<5	0.14	<1	9	25	12	3.86	<10	0.30	235	<1	0.01	20	1900	14	<5	<20	16	0.04	<10	58	<10	1	99
51	LNL66N56+25E	<5	<.2	1.96	10	150	<5	0.23	<1	7	20	10	2.65	<10	0.28	261	<1	0.01	15	860	12	<5	<20	26	0.05	<10	46	<10	4	73
52	LNL66N56+50E	<5	<.2	0.83	5	85	<5	0.22	<1	5	13	7	1.40	<10	0.31	154	<1	0.01	10	350	8	<5	<20	25	0.06	<10	27	<10	4	31
53	LNL66N57+00E	5	<.2	1.47	<5	135	<5	0.18	<1	8	18	9	2.37	<10	0.36	184	<1	0.02	14	430	10	<5	<20	24	0.05	<10	45	<10	2	42
54	LNL66N57+25E	<5	<.2	1.15	<5	115	<5	0.23	<1	6	14	8	1.96	<10	0.31	188	<1	0.01	13	370	8	<5	<20	30	0.06	<10	37	<10	4	36
55	LNL66N57+50E	<5	<.2	1.25	<5	120	<5	0.30	<1	7	16	10	2.08	<10	0.40	211	<1	0.02	12	600	8	<5	<20	30	0.07	<10	38	<10	5	54
56	LNL66N57+75E	<5	<.2	1.11	<5	85	<5	0.19	<1	6	13	8	1.83	<10	0.29	173	<1	0.02	9	500	8	<5	<20	22	0.06	<10	34	<10	3	48
57	LNL66N58+00E	<5	<.2	1.56	10	170	<5	0.26	<1	7	18	13	2.53	<10	0.37	194	<1	0.02	13	780	10	<5	<20	42	0.05	<10	47	<10	3	58
58	LNL66N58+25E	<5	<.2	1.23	10	115	<5	0.27	<1	6	15	10	1.72	10	0.37	192	<1	0.02	12	570	10	<5	<20	29	0.07	<10	32	<10	5	42
59	LNL66N58+50E	5	<.2	1.53	10	125	<5	0.26	<1	8	18	13	2.19	<10	0.36	197	<1	0.01	15	830	10	<5	<20	30	0.06	<10	41	<10	5	50
60	LNL66N58+75E	<5	<.2	1.15	<5	90	<5	0.12	<1	6	14	6	2.06	<10	0.12	170	<1	0.01	7	1140	8	<5	<20	16	0.05	<10	38	<10	1	48
61	LNL66N59+00E	<5	<.2	1.06	<5	95	5	0.20	<1	6	13	7	1.75	<10	0.26	180	<1	0.02	8	420	8	<5	<20	20	0.08	<10	35	<10	4	43
62	LNL66N59+25E	5	<.2	1.50	<5	90	<5	0.12	<1	8	17	9	2.68	<10	0.19	371	<1	0.01	10	1080	10	<5	<20	16	0.06	<10	50	<10	1	69
63	LNL66N59+50E	<5	<.2	1.93	<5	110	10	0.14	<1	11	21	9	3.01	<10	0.24	203	<1	0.01	14	1240	12	<5	<20	15	0.10	<10	57	<10	2	66
64	LNL66N59+75E	<5	<.2	1.61	<5	110	<5	0.13	<1	8	20	8	2.79	<10	0.22	199	<1	0.01	17	920	12	<5	<20	17	0.05	<10	52	<10	2	59
65	LNL66N60+00E	<5	<.2	1.65	<5	140	<5	0.12	<1	9	20	8	2.78	<10	0.26	275	<1	0.01	14	770	12	<5	<20	15	0.07	<10	50	<10	1	68
66	LNL68N47+50E	10	<.2	1.69	10	85	5	0.18	<1	9	21	8	3.09	<10	0.27	231	<1	0.01	14	1270	12	<5	<20	15	0.08	<10	58	<10	1	73
67	LNL68N47+75E	<5	<.2	0.82	<5	65	5	0.22	<1	6	14	5	1.54	<10	0.20	166	<1	0.01	7	380	12	<5	<20	12	0.11	<10	33	<10	3	56
68	LNL68N48+00E	5	<.2	1.10	<5	100	<5	0.16	<1	8	18	8	2.56	<10	0.23	232	<1	0.02	10	670	8	<5	<20	17	0.09	<10	52	<10	6	35
69	LNL68N48+25E	5	<.2	0.90	<5	95	<5	0.20	<1	6	15	5	1.57	<10	0.19	142	<1	0.27	8	490	8	<5	<20	17	0.10	<10	35	<10	8	28
70	LNL68N48+50E	<5	<.2	1.72	<5	85	<5	0.11	<1	10	18	8	2.94	<10	0.25	207	<1	0.01	10	1080	8	<5	<20	8	0.09	<10	58	<10	4	63

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
71	LNL68N48+75E	<5	<.2	1.50	<5	70	<5	0.17	<1	7	15	9	2.17	<10	0.24	164	<1	0.02	7	670	10	<5	<20	13	0.09	<10	44	<10	5	42
72	LNL68N49+00E	<5	<.2	2.52	<5	155	10	0.12	<1	11	23	10	3.26	<10	0.24	202	<1	0.01	15	1240	10	<5	<20	13	0.10	<10	63	<10	3	80
73	LNL68N49+25E	<5	<.2	2.39	<5	205	<5	0.13	<1	10	19	8	2.65	<10	0.26	192	<1	0.01	14	850	10	<5	<20	14	0.10	<10	49	<10	4	50
74	LNL68N49+50E	5	<.2	1.97	<5	105	<5	0.15	<1	8	16	8	2.78	<10	0.25	174	<1	0.01	9	1150	12	<5	<20	14	0.09	<10	53	<10	3	63
75	LNL68N49+75E	<5	<.2	1.15	<5	75	<5	0.21	<1	7	12	6	1.74	<10	0.29	185	<1	0.01	7	350	8	<5	<20	15	0.10	<10	40	<10	5	33
76	LNL68N50+00E	<5	<.2	1.82	<5	100	5	0.25	<1	9	22	10	2.50	<10	0.41	208	<1	0.01	15	330	8	<5	<20	54	0.10	<10	53	<10	5	42
77	LNL68N50+25E	<5	<.2	1.46	<5	105	<5	0.23	<1	8	20	9	2.31	<10	0.41	195	<1	0.01	13	430	8	<5	<20	52	0.11	<10	50	<10	5	42
78	LNL68N50+50E	5	<.2	1.48	<5	75	<5	0.12	<1	9	19	7	3.04	<10	0.23	210	<1	0.01	8	520	8	<5	<20	10	0.11	<10	66	<10	3	39
79	LNL68N50+75E	<5	<.2	1.65	<5	85	<5	0.21	<1	10	18	9	2.92	<10	0.29	431	<1	0.03	10	920	8	<5	<20	16	0.10	<10	60	<10	4	59
80	LNL68N51+00E	<5	<.2	1.39	<5	65	5	0.18	<1	8	17	8	2.60	<10	0.27	226	<1	0.01	7	710	10	<5	<20	11	0.11	<10	55	<10	5	48
81	LNL68N51+25E	<5	<.2	1.64	<5	75	10	0.14	<1	9	18	9	2.99	<10	0.28	241	<1	0.01	10	1000	10	<5	<20	13	0.10	<10	60	<10	4	56
82	LNL68N51+50E	<5	<.2	1.48	<5	75	<5	0.15	<1	7	15	7	2.29	<10	0.23	191	<1	0.01	7	560	10	<5	<20	11	0.10	<10	50	<10	4	44
83	LNL68N51+75E	<5	<.2	1.14	<5	70	<5	0.15	<1	8	14	7	2.47	<10	0.24	207	<1	0.01	7	400	10	<5	<20	11	0.11	<10	54	<10	4	46
84	LNL68N52+00E	10	<.2	2.51	<5	100	<5	0.12	<1	10	20	7	3.27	<10	0.19	163	<1	<.01	13	1390	12	<5	<20	12	0.07	<10	63	<10	2	61
85	LNL68N52+25E	5	<.2	2.41	<5	105	<5	0.19	<1	10	17	9	2.90	<10	0.27	215	<1	0.01	13	1470	12	<5	<20	17	0.08	<10	50	<10	4	78
86	LNL68N52+50E	<5	<.2	1.87	<5	80	<5	0.19	<1	9	18	12	3.09	<10	0.30	220	<1	0.01	11	910	10	<5	<20	17	0.08	<10	60	<10	4	58
87	LNL68N52+75E	<5	<.2	1.99	<5	115	<5	0.23	<1	9	20	10	2.90	<10	0.35	237	<1	0.01	13	820	10	<5	<20	18	0.11	<10	58	<10	6	58
88	LNL68N53+00E	5	<.2	1.47	<5	80	5	0.18	<1	8	18	7	2.58	<10	0.21	176	<1	0.01	8	700	10	<5	<20	14	0.11	<10	55	<10	4	54
89	LNL68N53+25E	5	<.2	2.56	<5	85	5	0.14	<1	13	27	9	3.63	<10	0.33	237	<1	0.01	17	1710	12	<5	<20	12	0.12	<10	63	<10	3	74
90	LNL68N53+50E	<5	<.2	1.86	<5	105	<5	0.20	<1	8	17	8	2.24	<10	0.28	185	<1	0.01	10	620	10	<5	<20	16	0.10	<10	44	<10	5	42
91	LNL68N53+75E	<5	<.2	2.96	<5	140	5	0.17	<1	13	23	10	3.61	<10	0.27	378	<1	0.01	20	1780	10	<5	<20	15	0.10	<10	64	<10	3	82
92	LNL68N54+00E	<5	<.2	1.22	<5	70	<5	0.20	<1	7	15	7	1.95	<10	0.27	182	<1	0.01	8	430	10	<5	<20	15	0.11	<10	41	<10	5	45
93	LNL68N54+50E	<5	<.2	1.50	<5	80	<5	0.28	<1	6	15	8	2.21	<10	0.29	186	<1	0.01	7	360	10	<5	<20	19	0.08	<10	47	<10	4	52
94	LNL68N54+75E	<5	0.2	3.81	<5	235	<5	1.11	<1	16	25	31	4.00	30	0.48	1858	<1	0.02	25	900	12	<5	<20	84	0.01	<10	59	<10	17	90
95	LNL68N55+00E	<5	<.2	0.79	<5	60	<5	0.15	<1	5	10	5	1.36	<10	0.14	149	<1	0.01	5	250	10	<5	<20	14	0.09	<10	31	<10	3	35
96	LNL68N55+25E	<5	<.2	1.03	<5	85	<5	0.19	<1	7	14	6	1.92	<10	0.20	184	<1	0.01	6	250	14	<5	<20	17	0.10	<10	43	<10	5	46
97	LNL68N55+50E	<5	<.2	2.50	<5	165	5	0.21	<1	9	20	10	2.85	<10	0.28	210	<1	0.01	14	1080	14	<5	<20	22	0.10	<10	53	<10	5	78
98	LNL68N55+75E	<5	<.2	1.10	<5	80	5	0.20	<1	8	18	7	2.07	<10	0.26	218	<1	0.01	8	390	10	<5	<20	17	0.13	<10	46	<10	5	46
99	LNL68N56+00E	<5	<.2	1.69	<5	115	<5	0.28	<1	7	18	10	2.29	<10	0.37	230	<1	0.02	13	660	12	<5	<20	27	0.09	<10	43	<10	5	69
100	LNL68N56+25E	<5	<.2	1.92	<5	140	5	0.22	<1	9	21	10	2.66	<10	0.38	305	<1	0.01	18	1230	8	<5	<20	27	0.08	<10	51	<10	3	98
101	LNL68N56+50E	<5	<.2	2.73	<5	150	<5	0.18	<1	13	28	14	3.79	<10	0.40	277	<1	0.02	24	1940	10	<5	<20	26	0.07	<10	65	<10	3	80
102	LNL68N56+75E	<5	<.2	2.79	5	175	<5	0.20	<1	12	24	13	3.24	<10	0.38	202	<1	0.02	24	1440	10	<5	<20	30	0.06	<10	55	<10	2	78
103	LNL68N57+00E	<5	<.2	1.29	<5	90	<5	0.23	<1	9	16	8	2.20	<10	0.32	382	<1	0.01	12	350	10	<5	<20	22	0.10	<10	45	<10	4	46
104	LNL68N57+25E	<5	<.2	2.74	<5	185	<5	0.20	<1	11	23	13	3.38	<10	0.38	221	<1	0.01	21	940	12	<5	<20	23	0.08	<10	61	<10	3	98
105	LNL68N57+50E	<5	<.2	1.84	5	125	<5	0.11	<1	9	22	9	2.77	<10	0.25	201	<1	0.01	13	890	8	<5	<20	13	0.08	<10	54	<10	3	40
106	LNL68N57+75E	<5	<.2	1.78	<5	125	<5	0.39	<1	9	21	15	2.56	<10	0.52	208	<1	0.03	16	610	10	<5	<20	38	0.06	<10	45	<10	5	50
107	LNL68N58+00E	5	<.2	3.17	20	155	<5	0.16	<1	17	27	16	4.17	<10	0.45	624	<1	0.02	33	1830	12	<5	<20	20	0.07	<10	68	<10	1	99
108	LNL68N58+25E	<5	<.2	1.48	10	110	<5	0.38	<1	8	19	12	2.35	10	0.38	208	<1	0.02	13	470	10	<5	<20	36	0.06	<10	49	<10	7	46
109	LNL68N58+50E	5	<.2	0.85	<5	80	<5	0.43	<1	5	12	4	1.44	10	0.22	175	<1	0.02	6	1050	8	<5	<20	33	0.09	<10	30	<10	8	32
110	LNL68N58+75E	<5	<.2	1.83	5	105	<5	0.58	<1	10	22	15	2.62	<10	0.55	714	<1	0.02	17	650	10	<5	<20	52	0.06	<10	50	<10	4	106

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
111	LNL68N59+00E	<5	<.2	4.02	10	135	<5	0.96	<1	19	30	36	4.92	<10	1.53	1234	<1	0.07	52	770	12	<5	<20	75	0.05	<10	68	<10	8	94
112	LNL68N59+25E	<5	<.2	1.24	<5	95	<5	0.37	<1	7	17	10	1.99	<10	0.42	256	<1	0.03	13	380	8	<5	<20	39	0.10	<10	38	<10	6	40
113	LNL68N59+50E	<5	<.2	1.00	<5	75	<5	0.28	<1	7	14	8	1.83	<10	0.29	184	<1	0.02	8	260	10	<5	<20	22	0.11	<10	40	<10	5	51
114	LNL68N60+00E	<5	<.2	2.17	10	155	<5	0.23	<1	11	22	13	2.98	<10	0.34	222	<1	0.02	19	1290	10	<5	<20	28	0.06	<10	54	<10	4	83
115	LNL7040+00E	<5	<.2	1.14	<5	80	5	0.25	<1	7	16	6	1.99	<10	0.26	185	<1	0.01	8	650	8	<5	<20	19	0.11	<10	42	<10	5	51
116	LNL7040+75E	<5	<.2	1.74	<5	115	<5	0.21	<1	10	20	8	2.88	<10	0.25	205	<1	0.01	11	1060	8	<5	<20	19	0.12	<10	57	<10	4	47
117	LNL7041+00E	<5	<.2	2.10	<5	115	<5	0.36	<1	13	23	13	3.55	<10	0.40	229	<1	0.01	19	820	8	<5	<20	40	0.12	<10	67	<10	3	50
118	LNL7041+25E	<5	<.2	1.96	<5	125	<5	0.45	<1	10	22	12	3.09	<10	0.45	449	<1	0.02	14	620	8	<5	<20	45	0.10	<10	61	<10	8	74
119	LNL7041+50E	<5	<.2	1.14	<5	75	<5	0.22	<1	9	18	8	2.71	<10	0.27	229	<1	0.01	9	560	6	<5	<20	23	0.12	<10	60	<10	4	46
120	LNL7041+75E	<5	<.2	1.07	<5	95	5	0.31	<1	10	19	11	2.98	<10	0.33	324	<1	0.01	9	500	6	<5	<20	32	0.13	<10	66	<10	5	48
121	LNL7042+00E	5	<.2	1.73	<5	130	<5	0.27	<1	12	19	11	3.44	<10	0.34	345	<1	0.01	15	1170	8	<5	<20	31	0.10	<10	67	<10	4	72
122	LNL7042+25E	<5	<.2	1.40	<5	100	5	0.25	<1	12	21	10	3.26	<10	0.31	290	<1	0.01	12	680	6	<5	<20	28	0.13	<10	71	<10	4	50
123	LNL7042+50E	<5	<.2	1.35	<5	100	<5	0.21	<1	10	19	8	2.87	<10	0.26	243	<1	0.01	11	970	6	<5	<20	18	0.12	<10	61	<10	4	61
124	LNL7042+75E	<5	<.2	0.98	<5	75	<5	0.17	<1	6	12	5	1.78	<10	0.20	157	<1	0.01	6	370	8	<5	<20	14	0.10	<10	38	<10	4	51
125	LNL7043+00E	5	<.2	0.97	<5	80	<5	0.29	<1	7	13	7	1.92	<10	0.30	203	<1	0.01	7	360	8	<5	<20	26	0.12	<10	41	<10	5	45
126	LNL7043+25E	<5	<.2	1.10	<5	95	5	0.36	<1	11	18	10	2.45	<10	0.35	348	<1	0.02	10	650	8	<5	<20	31	0.13	<10	54	<10	6	46
127	LNL7043+50E	<5	<.2	1.23	<5	110	<5	0.48	<1	8	18	12	2.35	<10	0.32	289	<1	0.02	11	370	8	<5	<20	43	0.12	<10	50	<10	8	50
128	LNL7043+75E	<5	<.2	0.95	<5	95	<5	0.39	<1	9	17	9	2.24	<10	0.34	306	<1	0.02	9	550	16	<5	<20	32	0.14	<10	51	<10	6	43
129	LNL7044+00E	<5	<.2	1.25	<5	95	<5	0.46	<1	9	17	10	2.53	<10	0.35	264	<1	0.02	10	580	16	<5	<20	32	0.12	<10	56	<10	6	45
130	LNL7044+75E	5	<.2	1.24	<5	100	<5	0.24	<1	8	17	8	2.20	<10	0.32	223	<1	0.01	9	480	12	<5	<20	20	0.14	<10	48	<10	5	45
131	LNL7045+00E	<5	<.2	1.51	<5	105	5	0.26	<1	9	20	10	2.59	<10	0.30	228	<1	0.01	11	780	8	<5	<20	20	0.14	<10	56	<10	6	46
132	LNL7045+25E	<5	<.2	1.07	<5	105	<5	0.37	<1	9	21	9	2.18	<10	0.31	279	<1	0.02	10	720	8	<5	<20	32	0.15	<10	50	<10	8	35
133	LNL7045+50E	<5	<.2	1.35	<5	100	<5	0.27	<1	8	19	9	2.25	<10	0.28	207	<1	0.01	10	770	8	<5	<20	19	0.12	<10	49	<10	6	40
134	LNL7045+75E	5	<.2	2.33	<5	185	<5	0.27	<1	9	19	14	2.62	<10	0.36	427	<1	0.02	15	800	14	<5	<20	28	0.06	<10	45	<10	6	84
135	LNL7046+00E	<5	<.2	1.31	<5	80	<5	0.18	<1	7	15	8	2.19	<10	0.23	225	<1	0.01	8	410	10	<5	<20	16	0.10	<10	47	<10	4	44
136	LNL7046+25E	<5	<.2	1.26	<5	85	<5	0.22	<1	8	15	7	2.30	<10	0.26	398	<1	0.01	8	620	8	<5	<20	19	0.11	<10	49	<10	4	55
137	LNL7049+50E	<5	<.2	0.84	<5	80	<5	0.32	<1	7	20	6	1.83	<10	0.22	247	<1	0.02	7	600	6	<5	<20	23	0.13	<10	44	<10	8	32
138	LNL7049+75E	<5	<.2	0.80	<5	85	<5	0.30	<1	7	19	6	1.62	<10	0.20	192	<1	0.02	7	470	8	<5	<20	22	0.14	<10	38	<10	7	33
139	LNL7050+00E	<5	<.2	1.87	<5	125	<5	0.18	<1	10	18	11	3.16	<10	0.30	270	<1	0.01	10	920	10	<5	<20	16	0.10	<10	63	<10	3	65
140	LNL7050+25E	<5	<.2	1.12	<5	70	<5	0.21	<1	8	15	6	2.03	<10	0.26	284	<1	0.01	7	410	8	<5	<20	16	0.12	<10	46	<10	5	48
141	LNL7050+50E	<5	<.2	2.22	<5	100	<5	0.20	<1	8	16	12	2.74	<10	0.34	236	<1	0.01	9	640	12	<5	<20	18	0.09	<10	51	<10	4	63
142	LNL7050+75E	<5	<.2	1.77	<5	90	<5	0.12	<1	10	18	8	3.27	<10	0.21	218	<1	0.01	10	880	8	<5	<20	13	0.10	<10	66	<10	2	52
143	LNL7051+00E	<5	<.2	2.04	<5	145	<5	0.22	<1	11	20	12	3.14	<10	0.32	239	<1	0.01	15	740	6	<5	<20	19	0.10	<10	64	<10	4	53
144	LNL7051+25E	<5	<.2	4.10	<5	190	<5	0.17	<1	13	28	16	5.37	<10	0.38	242	<1	0.01	18	2080	12	<5	<20	21	0.09	<10	90	<10	2	103
145	LNL7051+50E	5	<.2	2.10	<5	100	<5	0.15	<1	11	20	8	3.01	<10	0.21	222	<1	0.01	11	1200	10	<5	<20	13	0.10	<10	60	<10	3	69
146	LNL7051+75E	<5	<.2	1.82	<5	100	5	0.15	<1	10	21	8	3.22	<10	0.27	242	<1	0.01	10	850	8	<5	<20	13	0.13	<10	69	<10	3	56
147	LNL7052+00E	5	<.2	1.48	<5	80	<5	0.16	<1	9	18	9	2.58	<10	0.30	254	<1	0.01	9	430	10	<5	<20	14	0.13	<10	57	<10	4	51
148	LNL7052+25E	<5	<.2	1.90	<5	105	<5	0.17	<1	9	20	9	2.61	<10	0.27	189	<1	0.02	12	680	10	<5	<20	17	0.11	<10	54	<10	3	49
149	LNL7052+50E	<5	<.2	1.67	<5	160	<5	0.37	<1	10	23	10	2.51	<10	0.45	240	<1	0.02	16	760	10	<5	<20	51	0.11	<10	52	<10	5	63

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
150	LNL7052+75E	<5	<.2	2.18	<5	145	<5	0.48	<1	9	23	14	2.80	<10	0.42	302	<1	0.03	15	570	12	<5	<20	40	0.09	<10	57	<10	6	65
151	LNL70N53+00E	5	<.2	1.62	<5	125	<5	0.22	<1	8	21	9	2.30	<10	0.33	188	<1	0.02	13	510	8	<5	<20	30	0.11	<10	48	<10	4	42
152	LNL70N53+25E	5	<.2	1.26	<5	95	<5	0.15	<1	6	16	6	1.88	<10	0.21	153	<1	0.01	9	310	8	<5	<20	19	0.07	<10	41	<10	3	37
153	LNL70N53+50E	<5	<.2	2.07	<5	110	<5	0.24	<1	7	20	10	2.12	<10	0.35	420	<1	0.02	12	350	10	<5	<20	31	0.05	<10	38	<10	4	52
154	LNL70N53+75E	<5	<.2	1.19	<5	90	<5	0.22	<1	6	16	6	1.72	<10	0.23	173	<1	0.02	9	180	8	<5	<20	26	0.08	<10	40	<10	3	35
155	LNL70N54+00E	<5	<.2	2.01	<5	105	<5	0.18	<1	8	23	9	2.51	<10	0.36	171	<1	0.02	15	650	8	<5	<20	29	0.08	<10	51	<10	3	45
156	LNL70N54+25E	5	<.2	1.08	<5	70	<5	0.12	<1	4	11	4	1.42	<10	0.17	129	<1	0.01	6	240	8	<5	<20	14	0.06	<10	30	<10	2	35
157	LNL70N54+50E	<5	<.2	1.12	<5	90	<5	0.25	<1	6	15	6	1.80	<10	0.26	233	<1	0.02	9	250	6	<5	<20	27	0.07	<10	38	<10	4	38
158	LNL70N55+75E	<5	<.2	1.45	<5	115	<5	0.35	<1	7	19	10	2.59	10	0.30	266	<1	0.02	9	440	16	<5	<20	51	0.07	<10	55	<10	8	36
159	LNL70N56+50E	5	<.2	1.20	<5	95	<5	0.23	<1	5	14	6	1.63	<10	0.26	155	<1	0.02	9	350	8	<5	<20	27	0.06	<10	36	<10	4	39
160	LNL70N56+75E	<5	<.2	2.24	10	100	<5	0.20	<1	9	24	9	3.49	<10	0.24	434	<1	0.01	14	1460	10	<5	<20	15	0.08	<10	66	<10	<1	84
161	LNL70N57+50E	<5	<.2	1.09	<5	80	<5	0.19	<1	7	17	6	2.14	<10	0.28	339	<1	0.01	11	520	8	<5	<20	21	0.09	<10	43	<10	3	57
162	LNL70N57+75E	<5	<.2	0.92	<5	65	<5	0.18	<1	7	18	5	1.88	<10	0.19	271	<1	0.02	10	320	8	<5	<20	15	0.10	<10	43	<10	2	63
163	LNL70N58+50E	5	<.2	1.32	<5	80	<5	0.31	<1	7	18	10	2.10	<10	0.45	259	<1	0.02	14	320	8	<5	<20	36	0.07	<10	37	<10	5	43
164	LNL70N58+75E	<5	<.2	1.57	<5	100	<5	0.31	<1	9	21	15	2.51	<10	0.49	343	<1	0.02	18	270	10	<5	<20	35	0.10	<10	46	<10	4	60
165	LNL70N59+00E	<5	<.2	1.09	<5	75	<5	0.24	<1	7	17	8	2.02	<10	0.34	318	<1	0.02	13	210	8	<5	<20	27	0.11	<10	39	<10	3	43
166	LNL70N59+25E	<5	<.2	1.08	<5	70	<5	0.24	<1	7	16	7	1.91	<10	0.29	243	<1	0.02	10	190	6	<5	<20	27	0.09	<10	37	<10	4	37
167	LNL70N59+50E	<5	<.2	1.33	<5	85	<5	0.21	<1	8	21	6	2.67	<10	0.23	261	<1	0.01	13	350	6	<5	<20	22	0.10	<10	58	<10	1	48
168	LNL70N59+75E	<5	<.2	1.31	10	95	<5	0.31	<1	8	20	9	2.38	<10	0.44	305	<1	0.02	16	310	6	<5	<20	32	0.10	<10	48	<10	4	45
169	LNL70N60+00E	<5	<.2	1.21	<5	85	<5	0.34	<1	9	20	8	2.50	<10	0.33	435	<1	0.02	13	510	6	<5	<20	32	0.11	<10	51	<10	3	49
170	LNL72N41+00E	<5	<.2	0.94	<5	70	<5	0.20	<1	7	14	6	1.83	<10	0.25	213	<1	0.01	7	230	8	<5	<20	17	0.14	<10	43	<10	4	34
171	LNL72N41+25E	<5	<.2	1.47	<5	85	<5	0.22	<1	8	16	9	2.38	<10	0.30	232	<1	0.01	8	500	8	<5	<20	18	0.12	<10	50	<10	4	40
172	LNL72N41+50E	5	<.2	1.49	<5	80	<5	0.21	<1	8	16	7	2.36	<10	0.23	213	<1	0.01	8	580	10	<5	<20	19	0.12	<10	48	<10	2	51
173	LNL72N41+75E	<5	<.2	2.36	<5	145	5	0.21	<1	9	16	10	2.74	<10	0.35	240	<1	0.01	12	570	10	<5	<20	19	0.09	<10	51	<10	3	52
174	LNL72N42+00E	<5	<.2	1.26	<5	70	<5	0.14	<1	14	13	8	2.37	<10	0.19	750	<1	0.01	6	450	8	<5	<20	12	0.09	<10	50	<10	1	47
175	LNL72N42+25E	<5	<.2	1.18	<5	65	<5	0.20	<1	8	14	7	2.29	<10	0.27	341	<1	0.01	7	490	8	<5	<20	15	0.12	<10	48	<10	3	50
176	LNL72N42+50E	<5	<.2	1.37	<5	95	<5	0.16	<1	8	17	8	2.73	<10	0.15	316	<1	<.01	7	1660	8	<5	<20	12	0.10	<10	55	<10	2	63
177	LNL72N42+75E	<5	<.2	2.51	<5	155	<5	0.33	<1	13	19	13	3.34	<10	0.42	1014	<1	0.01	15	730	12	<5	<20	38	0.08	<10	62	<10	5	88
178	LNL72N43+00E	<5	<.2	2.04	<5	90	<5	0.13	<1	10	19	8	2.85	<10	0.24	242	<1	0.01	11	1240	8	<5	<20	14	0.11	<10	54	<10	3	81
179	LNL72N43+25E	5	<.2	1.78	<5	75	<5	0.11	<1	9	17	6	2.59	<10	0.17	277	<1	<.01	9	1520	12	<5	<20	11	0.09	<10	48	<10	2	88
180	LNL72N43+50E	<5	<.2	2.09	<5	85	<5	0.11	<1	10	19	7	3.02	<10	0.20	255	<1	<.01	10	1930	10	<5	<20	10	0.09	<10	55	<10	2	122
181	LNL72N43+75E	<5	<.2	2.48	<5	115	<5	0.19	<1	14	20	9	3.54	<10	0.26	432	<1	0.01	17	2000	10	<5	<20	19	0.10	<10	61	<10	2	130
182	LNL72N44+00E	<5	<.2	2.06	<5	85	<5	0.13	<1	10	19	9	3.12	<10	0.21	327	<1	0.01	12	2050	10	<5	<20	11	0.09	<10	58	<10	2	70
183	LNL72N44+25E	5	<.2	1.47	<5	80	<5	0.13	<1	10	16	9	2.57	<10	0.27	399	<1	<.01	10	1140	8	<5	<20	10	0.08	<10	48	<10	2	68
184	LNL72N44+50E	<5	<.2	1.97	<5	100	<5	0.08	<1	7	17	5	2.56	<10	0.13	173	<1	0.01	9	1480	10	<5	<20	7	0.06	<10	48	<10	2	58
185	LNL72N44+75E	<5	<.2	1.31	<5	100	<5	0.18	<1	4	13	5	1.30	<10	0.19	128	<1	0.01	6	180	12	<5	<20	16	0.07	<10	29	<10	4	28

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	Tl %	U	V	W	Y	Zn
186	LNL72N45+00E	<5	<.2	2.05	<5	85	<5	0.13	<1	8	18	7	2.60	<10	0.20	230	<1	0.01	11	1310	10	<5	<20	11	0.05	<10	48	<10	2	65
187	LNL72N45+25E	<5	<.2	1.94	<5	80	5	0.11	<1	8	19	7	2.63	<10	0.19	193	<1	0.01	10	1320	10	<5	<20	8	0.11	<10	48	<10	2	72
188	LNL72N45+50E	<5	<.2	1.35	<5	85	<5	0.16	<1	7	16	6	1.98	<10	0.21	175	<1	0.01	8	550	10	<5	<20	14	0.10	<10	41	<10	3	46
189	LNL72N45+75E	<5	<.2	2.64	<5	180	5	0.15	<1	11	22	11	3.32	<10	0.31	237	<1	0.01	17	1090	10	<5	<20	17	0.09	<10	60	<10	3	66
190	LNL72N46+00E	5	<.2	1.10	<5	85	<5	0.24	<1	7	15	6	1.77	<10	0.25	193	<1	0.01	7	570	8	<5	<20	18	0.12	<10	38	<10	5	35
191	LNL72N46+25E	5	<.2	1.28	<5	85	<5	0.19	<1	6	13	7	1.83	<10	0.26	184	<1	0.01	8	340	8	<5	<20	17	0.08	<10	36	<10	3	42
192	LNL72N46+50E	<5	<.2	2.11	5	440	<5	0.32	<1	5	15	8	1.67	10	0.40	163	<1	0.02	12	430	14	<5	<20	27	0.03	<10	27	<10	4	51
193	LNL72N46+75E	<5	<.2	2.61	<5	115	<5	0.12	<1	10	22	11	2.81	<10	0.26	201	<1	0.01	15	1400	10	<5	<20	11	0.10	<10	53	<10	3	74
194	LNL72N47+00E	<5	<.2	2.48	<5	125	<5	0.10	<1	11	21	10	2.85	<10	0.25	194	<1	0.01	14	1270	10	<5	<20	11	0.11	<10	52	<10	3	57
195	LNL72N47+25E	<5	<.2	2.95	<5	150	<5	0.14	<1	14	23	11	3.39	<10	0.26	209	<1	0.01	17	1610	10	<5	<20	14	0.11	<10	58	<10	3	68
196	LNL72N47+50E	<5	<.2	1.86	<5	75	<5	0.10	<1	7	16	7	2.34	<10	0.17	148	<1	0.01	8	850	10	<5	<20	10	0.11	<10	44	<10	2	56
197	LNL72N47+75E	<5	<.2	2.26	<5	105	<5	0.14	<1	9	16	11	2.99	<10	0.28	219	<1	0.01	11	1000	10	<5	<20	13	0.07	<10	54	<10	2	88
198	LNL72N48+00E	<5	<.2	2.39	<5	135	5	0.18	<1	10	19	11	3.17	<10	0.31	226	<1	0.01	11	1010	10	<5	<20	16	0.08	<10	59	<10	3	53
199	LNL72N48+25E	5	<.2	0.99	<5	55	<5	0.13	<1	6	10	6	1.81	<10	0.19	189	<1	<.01	5	280	8	<5	<20	12	0.09	<10	39	<10	2	36
200	LNL72N48+50E	<5	<.2	1.74	<5	90	<5	0.20	<1	10	14	11	2.55	<10	0.35	472	<1	0.01	8	500	8	<5	<20	18	0.07	<10	50	<10	2	57
201	LNL72N48+75E	<5	<.2	0.98	<5	60	<5	0.15	<1	6	11	5	1.72	<10	0.17	193	<1	0.01	4	270	10	<5	<20	10	0.11	<10	40	<10	2	36
202	LNL72N49+00E	<5	<.2	1.91	<5	135	<5	0.31	<1	10	19	13	2.93	<10	0.44	267	<1	0.02	12	740	8	<5	<20	26	0.11	<10	51	<10	4	60
203	LNL72N49+25E	<5	<.2	2.03	<5	145	10	0.18	<1	9	15	11	2.62	<10	0.34	237	<1	0.01	12	750	16	<5	<20	13	0.09	<10	47	<10	5	64
204	LNL72N49+50E	5	<.2	1.07	<5	110	5	0.33	<1	9	18	8	2.19	10	0.30	248	<1	0.02	10	520	12	<5	<20	22	0.13	<10	45	<10	9	42
205	LNL72N49+75E	<5	<.2	1.29	<5	135	5	0.57	<1	8	18	9	2.22	10	0.35	289	<1	0.02	11	890	12	<5	<20	39	0.12	<10	42	<10	11	57
206	LNL72N50+00E	<5	<.2	1.93	<5	90	<5	0.16	<1	8	18	9	2.66	<10	0.27	195	<1	0.01	11	1100	16	<5	<20	10	0.10	<10	49	<10	5	69
207	LNL74N41+00E	<5	<.2	0.90	<5	65	<5	0.22	<1	6	13	8	1.58	<10	0.23	187	<1	0.02	7	260	12	<5	<20	17	0.12	<10	33	<10	7	37
208	LNL74N42+00E	<5	<.2	1.03	<5	85	<5	0.39	<1	7	16	7	1.85	10	0.28	315	<1	0.02	8	370	12	<5	<20	36	0.12	<10	41	<10	9	44
209	LNL74N42+25E	<5	<.2	2.12	<5	60	<5	0.66	<1	12	28	18	3.16	<10	0.62	208	<1	0.03	29	240	16	<5	<20	41	0.13	<10	59	<10	9	48
210	LNL74N42+50E	<5	<.2	3.57	<5	120	10	0.32	<1	19	49	18	6.02	<10	1.24	243	<1	0.02	60	1880	22	<5	<20	22	0.11	10	99	<10	<1	83
211	LNL74N42+75E	<5	<.2	4.02	<5	110	10	0.21	<1	20	23	19	4.96	<10	0.87	241	<1	0.02	45	2400	24	<5	<20	15	0.12	<10	59	<10	1	97
212	LNL74N43+00E	<5	<.2	3.48	<5	145	10	0.36	<1	19	29	17	3.77	<10	0.70	1568	<1	0.02	37	900	26	<5	<20	30	0.12	<10	56	<10	5	127
213	LNL74N43+50E	<5	<.2	5.36	<5	250	10	0.15	<1	11	24	13	4.22	<10	0.31	226	<1	0.01	25	1810	36	<5	<20	18	0.08	<10	71	<10	3	173
214	LNL74N43+75E	5	<.2	2.42	<5	90	10	0.12	<1	12	23	9	4.15	<10	0.23	290	<1	0.01	12	2500	18	<5	<20	6	0.13	<10	78	<10	3	171
215	LNL74N44+00E	5	<.2	2.88	<5	130	15	0.28	<1	21	48	15	5.23	<10	0.69	630	<1	0.03	36	2430	18	<5	<20	26	0.23	<10	79	<10	6	312
216	LNL74N44+25E	<5	<.2	1.31	15	105	5	0.25	<1	7	15	8	2.19	10	0.32	202	<1	0.01	11	400	20	<5	<20	22	0.12	<10	40	<10	7	103
217	LNL74N44+50E	<5	<.2	1.91	5	100	10	0.15	<1	9	19	7	2.66	<10	0.24	204	<1	0.01	15	930	16	<5	<20	13	0.12	<10	45	<10	5	90
218	LNL74N44+75E	<5	<.2	1.15	<5	90	5	0.24	<1	8	16	7	2.15	<10	0.29	208	<1	0.01	10	260	14	<5	<20	23	0.13	<10	44	<10	7	53
219	LNL74N45+00E	<5	<.2	0.52	<5	60	5	0.19	<1	6	16	4	1.52	<10	0.10	230	<1	0.01	4	210	12	<5	<20	15	0.16	<10	37	<10	6	55
220	LNL74N45+25E	<5	<.2	1.48	<5	100	<5	0.22	<1	7	18	7	2.19	<10	0.26	190	<1	0.01	12	790	12	<5	<20	21	0.11	<10	38	<10	5	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
221	LNL74N45+50E	<5	<.2	1.49	<5	95	<5	0.30	<1	8	17	6	2.22	10	0.39	273	<1	0.03	13	480	14	<5	<20	26	0.09	<10	37	<10	6	65
222	LNL74N45+75E	<5	<.2	2.62	<5	145	<5	0.18	<1	11	23	8	3.39	<10	0.26	243	<1	0.01	20	1380	22	<5	<20	15	0.10	<10	55	<10	3	95
223	LNL74N46+00E	<5	<.2	1.28	<5	95	<5	0.23	<1	8	16	6	1.99	10	0.20	684	<1	0.01	10	520	14	<5	<20	19	0.10	<10	39	<10	6	59
224	LNL74N46+25E	<5	<.2	1.99	<5	90	5	0.11	<1	8	17	7	2.25	10	0.19	226	<1	0.01	13	600	16	<5	<20	10	0.07	<10	40	<10	4	62
225	LNL74N46+50E	<5	<.2	1.33	<5	80	<5	0.17	<1	6	12	5	1.78	10	0.13	525	<1	0.01	6	600	14	<5	<20	12	0.06	<10	37	<10	4	67
226	LNL74N46+75E	<5	<.2	1.98	<5	110	<5	0.21	<1	8	17	8	2.81	10	0.20	219	<1	0.01	14	1930	14	<5	<20	16	0.05	<10	47	<10	3	119
227	LNL74N47+00E	<5	<.2	1.76	<5	95	5	0.18	<1	9	17	8	2.87	<10	0.22	248	<1	0.01	11	1670	16	<5	<20	13	0.10	<10	54	<10	4	78
228	LNL74N47+25E	<5	<.2	2.97	15	220	<5	0.16	<1	8	22	11	3.61	10	0.28	207	<1	0.01	19	2050	26	<5	<20	18	0.05	<10	54	<10	3	130
229	LNL74N47+50E	<5	<.2	2.45	<5	155	5	0.18	<1	7	20	10	2.68	10	0.30	164	<1	0.01	17	1050	18	<5	<20	19	0.05	<10	42	<10	4	64
230	LNL74N47+75E	<5	<.2	2.58	<5	105	<5	0.15	<1	8	23	9	2.95	<10	0.30	159	<1	0.03	15	1370	22	<5	<20	16	0.08	<10	52	<10	3	69
231	LNL74N48+00E	<5	<.2	2.62	<5	120	<5	0.19	<1	14	18	13	2.99	<10	0.35	230	<1	0.03	25	1190	18	<5	<20	14	0.10	<10	45	<10	5	70
232	LNL74N48+25E	<5	<.2	2.22	<5	110	5	0.09	<1	10	19	7	2.85	<10	0.21	201	<1	0.01	14	910	16	<5	<20	8	0.11	<10	52	<10	5	72
233	LNL74N48+50E	5	<.2	2.59	<5	135	<5	0.15	<1	10	20	10	2.85	10	0.27	397	<1	0.01	19	1050	20	<5	<20	14	0.08	<10	46	<10	5	107
234	LNL74N48+75E	<5	<.2	1.30	<5	85	5	0.16	<1	6	14	6	1.77	<10	0.22	193	<1	0.01	9	370	16	<5	<20	15	0.11	<10	35	<10	5	49
235	LNL74N49+00E	<5	0.6	4.63	<5	245	10	0.26	<1	32	31	21	5.65	10	0.52	4741	<1	0.01	24	1660	30	<5	<20	29	0.06	<10	91	<10	2	144
236	LNL74N49+25E	<5	<.2	3.08	<5	180	5	0.30	<1	15	29	18	3.95	10	0.65	1108	<1	0.02	24	900	24	<5	<20	30	0.09	<10	62	<10	4	114
237	LNL74N49+50E	<5	<.2	1.63	<5	95	5	0.24	<1	10	20	9	2.99	<10	0.36	319	<1	0.01	12	590	18	<5	<20	18	0.18	<10	62	<10	7	82
238	LNL74N49+75E	<5	<.2	2.30	<5	115	10	0.19	<1	10	23	10	3.16	<10	0.31	222	<1	0.01	13	1100	16	<5	<20	13	0.09	<10	57	<10	5	87
239	LNL84N45+00E	<5	<.2	1.05	<5	75	<5	0.23	<1	7	14	7	2.09	<10	0.28	211	<1	0.01	9	300	10	<5	<20	18	0.13	<10	43	<10	6	47
240	LNL84N45+25E	<5	<.2	2.22	<5	110	5	0.19	<1	11	19	8	3.42	<10	0.22	224	<1	0.01	13	1380	16	<5	<20	15	0.10	<10	59	<10	4	92
241	LNL84N45+50E	<5	<.2	1.03	<5	85	<5	0.23	<1	6	12	6	1.89	<10	0.23	198	<1	0.04	8	410	12	<5	<20	19	0.11	<10	38	<10	6	43
242	LNL84N45+75E	<5	<.2	1.08	<5	75	<5	0.21	<1	8	14	6	1.82	<10	0.18	168	<1	0.01	8	350	12	<5	<20	17	0.11	<10	37	<10	6	47
243	LNL84N46+00E	<5	<.2	2.52	<5	150	<5	0.39	<1	13	21	16	3.39	10	0.48	767	<1	0.02	16	470	20	<5	<20	40	0.07	<10	58	<10	8	77
244	LNL84N46+75E	<5	<.2	1.48	<5	130	<5	0.70	<1	5	12	12	1.73	20	0.25	257	<1	0.01	12	550	12	<5	<20	71	0.04	<10	28	<10	16	50
245	LNL84N46+00E	<5	<.2	1.62	<5	130	<5	0.45	<1	8	16	9	2.62	<10	0.29	277	<1	0.02	11	640	14	<5	<20	32	0.10	<10	52	<10	6	60
246	LNL84N46+25E	<5	<.2	1.51	<5	140	<5	0.22	<1	7	16	9	2.47	<10	0.32	207	<1	0.01	11	720	14	<5	<20	17	0.07	<10	46	<10	6	64
247	LNL84N46+50E	<5	<.2	1.32	<5	90	<5	0.16	<1	6	14	7	2.25	<10	0.20	232	<1	0.01	9	910	12	<5	<20	13	0.06	<10	39	<10	3	87
248	LNL84N46+75E	<5	<.2	0.67	<5	55	<5	0.15	<1	5	10	4	1.39	<10	0.19	153	<1	0.01	5	290	10	<5	<20	9	0.06	<10	27	<10	4	41
249	LNL84N49+00E	<5	<.2	2.19	<5	145	<5	0.15	<1	10	21	9	3.41	<10	0.25	191	<1	0.01	18	1740	16	<5	<20	13	0.08	<10	55	<10	3	54
250	LNL84N49+25E	5	<.2	0.80	<5	55	<5	0.16	<1	5	10	4	1.45	<10	0.18	142	<1	0.01	5	200	8	<5	<20	13	0.07	<10	29	<10	3	43
251	LNL8449+50E	<5	<.2	0.79	<5	70	<5	0.21	<1	6	13	4	2.09	<10	0.20	180	<1	<.01	7	700	8	<5	<20	14	0.08	<10	42	<10	3	50
252	LNL8449+75E	<5	<.2	0.69	<5	60	<5	0.16	<1	5	10	4	1.33	<10	0.17	135	<1	<.01	6	300	10	<5	<20	13	0.08	<10	26	<10	4	58
253	LNL8450+00E	<5	<.2	1.23	<5	80	<5	0.09	<1	6	13	5	2.38	<10	0.14	295	<1	<.01	10	1260	10	<5	<20	10	0.08	<10	41	<10	2	72
254	LNL8450+25E	<5	<.2	1.62	<5	70	5	0.15	<1	8	21	5	3.22	<10	0.13	158	<1	<.01	11	1950	12	<5	<20	13	0.13	10	52	<10	3	82
255	LNL8450+50E	<5	<.2	1.15	<5	80	<5	0.21	<1	7	14	7	2.25	<10	0.25	208	<1	0.01	10	640	10	<5	<20	19	0.07	<10	39	<10	4	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
256	LNL8450+75E	5	<.2	0.89	<5	80	5	0.21	<1	8	16	6	2.35	<10	0.24	348	<1	0.01	9	580	8	<5	<20	14	0.10	<10	47	<10	5	55
257	LNL8451+00E	<5	<.2	0.76	<5	70	<5	0.19	<1	5	10	6	1.47	<10	0.22	334	<1	0.01	7	290	10	<5	<20	16	0.07	<10	26	<10	4	50
258	LNL8451+25E	<5	<.2	1.46	<5	105	<5	0.28	<1	9	15	6	2.73	<10	0.26	170	<1	0.01	13	1450	12	<5	<20	24	0.07	<10	46	<10	4	54
259	LNL8451+50E	10	<.2	1.31	<5	105	<5	0.26	<1	8	16	6	2.59	<10	0.23	368	<1	0.01	13	1290	10	<5	<20	25	0.08	<10	43	<10	4	74
260	LNL8451+75E	5	<.2	1.19	<5	100	<5	0.17	<1	8	13	4	2.28	<10	0.14	811	<1	<.01	11	1090	10	<5	<20	18	0.06	<10	36	<10	3	94
261	LNL8452+00E	<5	<.2	1.50	<5	120	5	0.27	<1	7	15	6	2.77	<10	0.16	468	<1	<.01	10	1990	12	<5	<20	23	0.07	<10	46	<10	3	75
262	LNL8452+25E	<5	<.2	1.74	<5	110	<5	0.27	<1	9	15	6	2.54	<10	0.19	418	<1	0.01	18	1720	10	<5	<20	31	0.07	<10	39	<10	3	84
263	LNL8453+25E	<5	<.2	0.79	<5	175	<5	0.27	<1	3	7	4	1.08	10	0.26	92	<1	0.01	5	310	8	<5	<20	35	0.05	<10	16	<10	5	30
264	LNL8453+50E	<5	<.2	1.13	<5	100	<5	0.19	<1	6	13	6	2.12	<10	0.22	189	<1	0.01	9	720	10	<5	<20	20	0.06	<10	35	<10	4	59
265	LNL8453+75E	<5	<.2	2.07	<5	130	<5	0.22	<1	9	18	8	3.23	<10	0.25	228	<1	0.01	16	1750	14	<5	<20	18	0.06	<10	48	<10	3	73
266	LNL8454+00E	<5	<.2	0.82	<5	90	<5	0.19	<1	4	11	6	1.44	10	0.22	510	<1	0.01	8	290	8	<5	<20	23	0.05	<10	24	<10	6	33
267	LNL8454+25E	<5	<.2	1.78	<5	115	<5	0.15	<1	7	16	7	2.78	<10	0.20	145	<1	0.01	12	1170	14	<5	<20	20	0.06	10	46	<10	3	45
268	LNL8454+50E	<5	<.2	1.99	<5	135	<5	0.12	<1	8	19	8	3.48	<10	0.28	197	<1	0.01	16	1770	14	<5	<20	11	0.05	<10	55	<10	2	51
269	LNL8454+75E	5	<.2	0.92	<5	65	<5	0.19	<1	5	11	6	1.70	<10	0.25	141	<1	0.01	7	330	10	<5	<20	19	0.06	<10	30	<10	4	36
270	LNL8455+00E	<5	<.2	0.72	<5	70	<5	0.17	<1	8	15	5	2.03	<10	0.19	193	<1	0.01	7	310	8	<5	<20	14	0.11	<10	42	<10	4	45
271	LNL8455+25E	<5	<.2	1.36	<5	100	<5	0.19	<1	8	19	10	2.87	<10	0.29	252	<1	0.01	13	780	10	<5	<20	20	0.05	<10	51	<10	2	40
272	LNL8455+50E	<5	<.2	1.63	<5	100	<5	0.13	<1	7	17	7	2.95	<10	0.21	215	<1	<.01	12	1260	12	<5	<20	10	0.03	<10	49	<10	1	48
273	LNL8455+75E	<5	<.2	0.71	<5	70	<5	0.13	<1	5	11	4	1.32	<10	0.18	289	<1	0.01	6	250	10	<5	<20	15	0.09	<10	26	<10	4	36
274	LNL8456+00E	<5	<.2	1.63	<5	90	5	0.09	<1	9	18	7	3.40	<10	0.18	469	<1	<.01	10	2250	12	<5	<20	8	0.08	<10	61	<10	1	66
275	LNL8456+25E	<5	<.2	1.37	<5	115	<5	0.23	<1	8	14	8	2.36	<10	0.33	467	<1	0.01	13	450	12	<5	<20	27	0.07	<10	40	<10	4	57
276	LNL8456+50E	<5	<.2	1.56	<5	130	10	0.57	<1	11	18	13	3.57	<10	0.44	1618	<1	0.01	17	460	10	<5	<20	40	0.06	<10	53	<10	7	87
277	LNL8456+75E	<5	<.2	2.13	<5	160	5	0.38	<1	9	20	9	3.74	<10	0.23	515	<1	<.01	11	5010	14	<5	<20	34	0.09	<10	57	<10	2	107
278	LNL8457+00E	5	<.2	2.41	<5	90	5	0.10	<1	11	21	9	3.66	<10	0.25	451	<1	<.01	12	2830	16	<5	<20	8	0.10	<10	60	<10	3	131
279	LNL8457+25E	<5	<.2	1.70	<5	95	5	0.14	<1	10	19	7	3.63	<10	0.23	301	<1	0.01	12	2580	12	<5	<20	12	0.08	<10	59	<10	3	66
280	LNL8457+50E	<5	<.2	0.74	<5	55	<5	0.19	<1	5	10	5	1.55	<10	0.24	214	<1	0.01	8	220	6	<5	<20	17	0.05	<10	31	<10	4	24
281	LNL86+35N40+00E	<5	<.2	1.99	<5	90	<5	0.13	<1	7	15	7	2.22	<10	0.24	159	<1	<.01	14	830	16	<5	<20	10	0.07	<10	37	<10	3	89
282	LNL86+35N40+25E	<5	<.2	1.10	<5	55	<5	0.08	<1	6	15	5	2.44	<10	0.13	142	<1	<.01	7	720	10	<5	<20	7	0.08	<10	46	<10	3	47
283	LNL86+35N40+50E	<5	<.2	1.40	<5	75	<5	0.18	<1	7	14	5	2.60	<10	0.23	232	<1	<.01	10	1150	10	<5	<20	18	0.07	<10	45	<10	2	61
284	LNL86+35N40+75E	<5	<.2	1.78	<5	65	<5	0.08	<1	9	17	7	2.65	<10	0.18	157	<1	<.01	11	1470	12	<5	<20	7	0.08	<10	43	<10	3	70
285	LNL86+35N41+00E	<5	<.2	1.67	<5	70	<5	0.13	<1	9	17	7	2.99	<10	0.20	205	<1	<.01	13	1290	12	<5	<20	15	0.08	<10	53	<10	2	64
286	LNL86+35N41+25E	<5	<.2	1.45	<5	80	<5	0.09	<1	9	17	5	3.01	<10	0.19	167	<1	0.01	12	830	12	<5	<20	9	0.10	<10	54	<10	3	64
287	LNL86+35N41+50E	<5	<.2	1.33	<5	80	5	0.11	<1	8	14	6	2.58	<10	0.25	234	<1	<.01	11	730	10	<5	<20	10	0.09	<10	48	<10	3	56
288	LNL86+35N41+75E	<5	<.2	1.11	<5	60	<5	0.14	<1	7	14	5	2.71	<10	0.19	192	<1	<.01	9	820	10	<5	<20	14	0.09	<10	51	<10	2	72
289	LNL86+35N42+00E	<5	<.2	1.02	<5	90	<5	0.22	<1	8	15	8	2.41	<10	0.31	259	<1	0.01	9	350	8	<5	<20	22	0.06	<10	48	<10	4	66
290	LNL86+35N43+75E	<5	<.2	2.02	<5	95	<5	0.48	<1	12	25	14	3.08	10	0.82	260	<1	0.02	30	290	14	<5	<20	50	0.08	<10	49	<10	10	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
291	LNL86+35N44+00E	<5	<.2	2.59	<5	145	<5	0.14	<1	9	16	9	2.73	<10	0.25	131	<1	<.01	14	1400	16	<5	<20	11	0.05	<10	42	<10	2	208
292	LNL86+35N44+25E	<5	<.2	1.05	<5	85	10	0.12	<1	9	22	8	3.08	<10	0.29	241	<1	0.01	12	460	10	<5	<20	12	0.16	10	69	<10	3	70
293	LNL86+35N44+50E	<5	<.2	1.15	<5	85	<5	0.19	<1	5	13	5	1.74	<10	0.23	134	<1	0.03	11	290	10	<5	<20	17	0.05	<10	34	<10	3	44
294	LNL86+35N44+75E	<5	<.2	1.27	<5	120	<5	0.44	<1	12	18	9	1.98	<10	0.39	717	<1	0.02	13	310	12	<5	<20	44	0.06	<10	41	<10	7	55
295	LNL86+35N45+00E	<5	<.2	0.86	<5	65	<5	0.28	<1	6	13	5	1.71	<10	0.27	168	<1	0.02	9	280	8	<5	<20	24	0.07	<10	32	<10	4	41
296	LNL86+35N45+25E	<5	<.2	1.70	<5	100	5	0.10	<1	7	20	7	3.28	<10	0.25	158	<1	0.01	12	1300	10	<5	<20	10	0.08	<10	56	<10	2	52
297	LNL86+35N45+50E	<5	<.2	0.72	<5	60	<5	0.22	<1	5	11	4	1.46	<10	0.24	159	<1	0.02	6	280	8	<5	<20	19	0.07	<10	29	<10	4	33
298	LNL86+35N45+75E	<5	<.2	1.35	<5	100	<5	0.38	<1	7	17	12	2.20	10	0.40	348	<1	0.02	12	400	10	<5	<20	38	0.07	<10	39	<10	9	48
299	LNL86+35N46+00E	<5	<.2	2.46	<5	170	<5	0.86	<1	10	23	20	3.33	10	0.61	522	<1	0.02	23	540	14	<5	<20	61	0.04	<10	50	<10	9	73
300	LNL86+35N46+25E	<5	<.2	1.03	<5	60	<5	0.31	<1	7	14	6	1.87	<10	0.33	231	<1	0.02	10	290	8	<5	<20	20	0.06	<10	34	<10	4	42
301	LNL86+35N46+75E	<5	<.2	1.55	5	95	<5	0.11	<1	8	15	9	2.53	<10	0.29	238	<1	<.01	12	950	14	<5	<20	8	0.05	<10	43	<10	3	68
302	LNL86+35N47+00E	<5	<.2	1.97	15	90	<5	0.06	<1	9	19	13	3.00	<10	0.33	241	<1	<.01	13	980	14	<5	<20	4	0.05	<10	55	<10	4	53
303	LNL86+35N47+25E	<5	<.2	1.52	<5	120	<5	0.07	<1	6	14	5	2.29	<10	0.18	141	<1	0.01	12	580	8	<5	<20	12	0.06	<10	41	<10	2	37
304	LNL86+35N47+50E	<5	<.2	1.81	15	70	<5	0.07	<1	9	17	8	3.03	<10	0.21	389	<1	<.01	15	910	14	<5	<20	6	0.07	<10	47	<10	2	93
305	LNL86+35N47+75E	<5	<.2	0.89	<5	70	<5	0.13	<1	5	10	5	1.52	<10	0.19	146	<1	0.01	6	320	8	<5	<20	15	0.06	<10	29	<10	3	33
306	LNL86+35N48+25E	<5	<.2	1.26	<5	80	<5	0.22	<1	8	15	6	2.37	<10	0.31	332	<1	0.01	10	790	10	<5	<20	17	0.06	<10	42	<10	4	58
307	LNL86+35N48+50E	<5	<.2	1.00	<5	100	<5	0.23	<1	6	14	7	1.98	<10	0.28	196	<1	0.01	10	300	10	<5	<20	22	0.06	<10	39	<10	6	43
308	LNL86+35N48+75E	<5	<.2	0.90	<5	60	<5	0.17	<1	5	12	5	1.72	<10	0.21	132	<1	0.01	7	300	10	<5	<20	17	0.06	<10	33	<10	4	41
309	LNL86+35N49+00E	<5	<.2	0.98	<5	75	<5	0.17	<1	6	14	6	2.21	<10	0.21	197	<1	<.01	8	480	8	<5	<20	16	0.06	<10	43	<10	3	47
310	LNL86+35N49+25E	<5	<.2	2.01	<5	135	<5	0.23	<1	14	19	11	3.15	10	0.39	1114	<1	0.01	17	710	14	<5	<20	25	0.06	<10	52	<10	5	72
311	LNL86+35N49+50E	<5	<.2	0.93	<5	65	<5	0.14	<1	6	13	5	2.02	<10	0.24	218	<1	<.01	8	350	10	<5	<20	12	0.06	<10	38	<10	4	44
312	LNL86+35N49+75E	<5	<.2	1.12	<5	70	<5	0.17	<1	8	15	6	2.22	<10	0.26	296	<1	0.01	10	650	10	<5	<20	16	0.07	<10	39	<10	3	61
313	LNL86+35N50+00E	<5	<.2	1.39	<5	80	5	0.18	<1	7	16	6	2.76	<10	0.19	304	<1	<.01	11	1210	12	<5	<20	18	0.07	<10	46	<10	2	76
314	LNL89N41+50E	<5	<.2	1.70	<5	135	<5	0.38	<1	18	18	16	3.52	<10	0.48	1177	<1	0.01	15	330	16	<5	<20	41	0.06	<10	69	<10	6	68
315	LNL89N41+75E	<5	<.2	1.08	<5	75	<5	0.18	<1	7	15	7	2.69	<10	0.24	194	<1	0.03	9	910	8	<5	<20	14	0.06	<10	51	<10	3	60
316	LNL89N42+00E	<5	<.2	1.54	<5	80	<5	0.20	<1	8	16	8	3.39	<10	0.26	207	<1	0.01	10	1200	12	<5	<20	16	0.06	<10	54	<10	2	89
317	LNL89N42+25E	<5	<.2	0.78	<5	65	<5	0.24	<1	6	12	6	1.95	<10	0.25	359	<1	<.01	8	490	8	<5	<20	18	0.07	<10	37	<10	4	52
318	LNL89N42+50E	<5	<.2	1.44	<5	85	5	0.16	<1	8	16	7	3.00	<10	0.28	252	<1	0.01	11	1490	12	<5	<20	11	0.07	<10	53	<10	3	62
319	LNL89N42+75E	<5	<.2	1.80	<5	95	<5	0.16	<1	8	16	7	2.88	<10	0.28	198	<1	0.01	13	1110	12	<5	<20	11	0.07	<10	50	<10	3	80
320	LNL89N43+00E	<5	<.2	2.15	<5	160	<5	0.91	<1	12	26	30	3.61	30	0.58	755	<1	0.02	21	500	16	<5	<20	83	0.04	<10	64	<10	30	78
321	LNL89N43+25E	<5	0.2	2.49	<5	170	<5	1.16	<1	7	18	30	3.33	20	0.40	307	<1	0.02	17	810	14	<5	<20	115	0.01	<10	42	<10	22	81
322	LNL89N43+75E	<5	<.2	0.89	30	100	<5	0.09	<1	5	14	7	2.80	<10	0.14	326	<1	0.01	8	630	10	<5	<20	11	0.06	<10	48	<10	1	105
323	LNL89N44+00E	<5	<.2	1.64	<5	75	<5	0.10	<1	8	16	7	2.84	<10	0.24	218	<1	<.01	14	610	12	<5	<20	10	0.06	<10	46	<10	2	90
324	LNL89N44+25E	<5	<.2	1.88	<5	105	<5	0.11	<1	9	18	9	2.97	<10	0.32	253	<1	<.01	17	390	14	<5	<20	12	0.06	<10	49	<10	2	63
325	LNL89N44+50E	<5	<.2	1.57	<5	70	<5	0.10	<1	9	15	6	2.57	<10	0.16	302	<1	<.01	13	580	12	<5	<20	11	0.07	<10	44	<10	2	94

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
326	LNL89N44+75E	<5	<.2	1.95	5	95	5	0.10	<1	10	18	7	2.93	<10	0.26	268	<1	<.01	17	720	14	<5	<20	11	0.08	<10	48	<10	2	71
327	LNL89N45+00E	<5	<.2	1.79	105	95	<5	0.20	<1	9	20	9	3.13	<10	0.31	305	<1	<.01	16	1130	12	<5	<20	23	0.07	<10	51	<10	2	93
328	LNL89N45+25E	<5	<.2	2.00	35	130	5	0.24	<1	10	20	9	3.41	<10	0.31	619	<1	<.01	18	1450	14	<5	<20	25	0.08	<10	55	<10	3	145
329	LNL89N45+50E	<5	<.2	0.85	<5	100	<5	0.20	<1	9	12	8	1.98	<10	0.13	1149	<1	<.01	9	1350	8	<5	<20	15	0.06	<10	34	<10	2	105
330	LNL89N45+75E	<5	<.2	0.86	<5	75	<5	0.24	<1	7	15	7	2.17	<10	0.25	191	<1	0.01	11	580	6	<5	<20	18	0.07	<10	40	<10	4	40
331	LNL89N46+00E	<5	<.2	0.87	<5	95	<5	0.36	<1	7	16	11	2.11	10	0.32	348	<1	0.01	10	390	10	<5	<20	29	0.09	<10	41	<10	12	62
332	LNL89N46+25E	<5	<.2	1.50	<5	85	<5	0.16	<1	9	16	7	2.84	<10	0.29	219	<1	<.01	13	1390	12	<5	<20	11	0.07	<10	49	<10	3	66
333	LNL89N46+50E	<5	<.2	0.84	<5	70	<5	0.12	<1	8	13	4	2.20	<10	0.13	573	<1	<.01	7	570	10	<5	<20	10	0.07	<10	43	<10	1	61
334	LNL89N46+75E	<5	<.2	3.31	<5	215	5	0.20	<1	14	24	13	3.85	<10	0.36	1348	<1	0.01	23	980	16	<5	<20	22	0.11	<10	71	<10	3	112
335	LNL89N47+00E	<5	<.2	4.18	<5	315	<5	0.13	<1	12	12	15	4.53	10	0.22	651	<1	<.01	18	1330	24	<5	<20	18	0.10	<10	72	<10	5	98
336	LNL89N47+25E	<5	<.2	2.74	15	145	10	0.15	<1	8	12	14	3.36	<10	0.17	873	<1	0.01	9	2720	12	<5	<20	17	0.08	<10	57	<10	2	95
337	LNL89N47+50E	<5	<.2	1.46	<5	85	5	0.13	<1	8	14	6	2.47	<10	0.21	347	<1	<.01	10	990	8	<5	<20	12	0.08	<10	46	<10	2	61
338	LNL89N47+75E	<5	<.2	2.21	<5	145	<5	0.13	<1	9	17	10	2.78	<10	0.31	205	<1	0.01	18	1070	8	<5	<20	17	0.06	<10	45	<10	2	60
339	LNL89N48+00E	<5	<.2	2.12	<5	155	5	0.29	<1	9	17	10	2.87	<10	0.28	568	<1	<.01	13	1440	8	<5	<20	33	0.04	<10	46	<10	<1	63
340	LNL89N48+25E	<5	<.2	1.50	<5	95	10	0.15	<1	9	16	8	2.85	<10	0.31	228	<1	0.01	13	1070	8	<5	<20	12	0.08	<10	53	<10	4	53
341	LNL89N48+50E	<5	<.2	1.05	<5	85	10	0.20	<1	9	16	9	2.45	<10	0.30	229	<1	0.01	11	650	8	<5	<20	24	0.09	<10	50	<10	3	53
342	LNL89N48+75E	<5	<.2	1.47	<5	105	5	0.17	<1	9	19	8	2.69	<10	0.22	241	<1	0.01	10	1630	8	<5	<20	18	0.08	<10	43	<10	2	84
343	LNL89N49+00E	<5	<.2	1.16	<5	95	5	0.19	<1	8	13	6	2.12	<10	0.25	525	<1	0.01	9	890	8	<5	<20	17	0.06	<10	38	<10	3	67
344	LNL89N49+25E	<5	<.2	1.71	<5	120	<5	0.11	<1	8	16	7	2.81	<10	0.23	159	<1	0.01	11	1330	8	<5	<20	13	0.08	<10	49	<10	2	53
345	LNL89N49+50E	<5	<.2	1.06	<5	95	5	0.17	<1	7	13	7	2.05	<10	0.30	217	<1	0.01	9	440	8	<5	<20	18	0.08	<10	41	<10	2	50
346	LNL89N49+75E	<5	<.2	1.69	<5	150	5	0.56	<1	8	19	15	2.81	10	0.45	489	<1	0.02	14	470	10	<5	<20	56	0.05	<10	49	<10	10	84
QC/DATA:																														
Repeat #:																														
1	LNABX01	<5	<.2	0.99	<5	110	<5	0.47	<1	8	17	11	2.62	<10	0.36	650	<1	0.02	12	560	8	<5	<20	49	0.07	<10	47	<10	7	53
10	LNABX10	<5	<.2	0.80	<5	105	<5	0.39	<1	7	13	7	2.11	<10	0.30	603	<1	0.02	10	510	4	<5	<20	46	0.06	<10	37	<10	6	48
19	LNL86N45+50E	<5	<.2	1.00	20	80	<5	0.14	<1	6	14	7	1.91	<10	0.23	168	<1	0.03	8	340	10	<5	<20	15	0.10	<10	39	<10	2	38
28	LNL86N47+75E	<5	<.2	1.67	<5	125	5	0.46	<1	10	18	13	2.71	10	0.42	1135	<1	0.01	13	360	10	<5	<20	48	0.07	<10	50	<10	9	50
36	LNL86N50+25E	<5	<.2	1.23	<5	100	5	0.14	<1	8	15	8	2.27	<10	0.24	195	<1	0.01	9	410	10	<5	<20	14	0.09	<10	48	<10	2	45
45	LNL86N54+75E	<5	<.2	2.34	<5	130	<5	0.14	<1	9	22	10	3.19	<10	0.25	188	<1	0.01	12	1330	12	<5	<20	17	0.10	<10	58	<10	1	74
54	LNL86N57+25E	<5	<.2	1.14	<5	115	5	0.23	<1	7	14	8	1.98	<10	0.31	189	<1	0.01	13	390	8	<5	<20	29	0.05	<10	37	<10	4	38
63	LNL86N59+50E	<5	<.2	1.93	<5	100	5	0.12	<1	11	19	8	2.90	<10	0.23	193	<1	0.01	13	1240	10	<5	<20	12	0.10	<10	55	<10	3	82
71	LNL86N48+75E	<5	<.2	1.55	<5	70	<5	0.16	<1	7	15	8	2.19	<10	0.24	168	<1	0.02	8	650	8	<5	<20	12	0.10	<10	45	<10	5	43
80	LNL86N51+00E	<5	<.2	1.39	<5	60	5	0.18	<1	8	17	8	2.58	<10	0.26	220	<1	0.01	8	710	10	<5	<20	14	0.11	<10	54	<10	5	48
89	LNL86N53+25E	5	<.2	2.84	<5	80	5	0.15	<1	13	28	9	3.71	<10	0.34	254	<1	0.01	16	1740	10	<5	<20	12	0.13	<10	65	<10	3	77
98	LNL86N55+75E	<5	<.2	1.13	<5	80	<5	0.21	<1	8	16	7	2.09	<10	0.26	222	<1	0.01	8	390	10	<5	<20	18	0.14	<10	46	<10	5	47
106	LNL86N57+75E	<5	<.2	1.82	5	125	<5	0.39	<1	9	21	15	2.59	<10	0.53	209	<1	0.03	16	620	10	<5	<20	38	0.06	<10	45	<10	5	47
115	LNL7040+00E	<5	<.2	1.16	<5	80	<5	0.25	<1	7	16	8	2.02	<10	0.28	189	<1	0.01	9	650	8	<5	<20	18	0.12	<10	43	<10	5	51
124	LNL7042+75E	<5	<.2	1.01	<5	80	<5	0.18	<1	6	13	8	1.80	<10	0.20	161	<1	0.01	7	380	8	<5	<20	14	0.11	<10	39	<10	4	53

APPENDIX IV

TRENCHING GEOCHEM RESULTS

AND BRIEF DESCRIPTIONS

1995 LOON TRENCH SAMPLE LOCATIONS AND BRIEF DESCRIPTIONS				
SAMPLE#	TRENCH	TRENCH LOCATION	METERAGE	BRIEF DESCRIPTION
40037	TR95-01	L56+00N 47+50E	0-2m	Silcified FBRhy grey/white, trace py, relict flowbanding, 2cm brx
40038	TR95-01	L56+00N 47+50E	2-4m	same FBR + minor patchy stockwork, no brx
40039	TR95-01	L56+00N 47+50E	4-6m	silcfd FBR, wht/grn, wispy black enechelon fractures, rare qtz strngr
40040	TR95-01	L56+00N 47+50E	6-8m	sil FBR with minor stkwk and a 2cm brx interval.
40041	TR95-01	L56+00N 47+50E	8-10m	sugary sil FBR + 5cm brx/stkwk of black matrix ccdy.
40042	TR95-01	L56+00N 47+50E	10-12m	sil FBR, trace py, minor ccdy matrix brx, grn clay altd feldspars.
40043	TR95-01	L56+00N 47+50E	12-14m	patchy silicified FBR. Minor brx at 12m, occasional veinlet.
40044	TR95-01	L56+00N 47+50E	14-16m	same as above with 10cm brx at 15.5m. silicification varies.
40045	TR95-01	L56+00N 47+50E	16-18m	plain FBR with patchy sil and trace pyrite.
40046	TR95-01	L56+00N 47+50E	18-20m	" " " "
40047	TR95-01	L56+00N 47+50E	20-22m	dominantly white ccdy matrix brx with soft arg altd zones.
40048	TR95-01	L56+00N 47+50E	22-24m	" " " "
40049	TR95-01	L56+00N 47+50E	24-26m	FBR, minor py, two cm scale zones of brx. Black cherty matrix.
40050	TR95-01	L56+00N 47+50E	26-28m	plain FBR with occasional qtz eyes and minor disseminated py.
40051	TR95-01	L56+00N 47+50E	28-30m	ceramic, pale green with trace py and the odd stringer.
40052	TR95-01	L56+00N 47+50E	30-32m	strong silfctn, relict banding and disseminated py throughout.
40053	TR95-01	L56+00N 47+50E	32-34m	intensely silicfd grey-green FBR/tuff, disseminated py.
40054	TR95-01	L56+00N 47+50E	34-36m	" " " "
40055	TR95-02	L58+00N 46+75E	0-2m	breccia of white ccdy matrix with occasional black matrix or veinlet.
40056	TR95-02	L58+00N 46+75E	2-4m	Hard white-grey rhyolite with minor ccdy stringers and stockwork.
40057	TR95-02	L58+00N 46+75E	4-6m	same as above but contains a 30 cm brx zone. Frags <2cm.
40058	TR95-02	L58+00N 46+75E	6-8m	very hard, 50% stockwork, minor black to grey matrix brx.
40059	TR95-02	L58+00N 46+75E	8-10m	Grey, very silcified rhy with the odd black stringer/veinlet.
40060	TR95-02	L58+00N 46+75E	10-12m	Hard, grey/green rhy with 20cm brx.
40061	TR95-02	L58+00N 46+75E	12-14m	White silicified, with green clay altd fldsprs, no veining.
40062	TR95-03	L56+00N 49+64E	0-2m	FBR with rusty fractures, patchy sil, qtz eyes and grn clay alt fldsprs
40063	TR95-03	L56+00N 49+64E	2-4m	" " " "
40064	TR95-03	L56+00N 49+64E	4-6m	" " " "
40065	TR95-03	L56+00N 49+64E	6-8m	abundant black matrix brx and cherty veining, gougy,rotton rock.
40066	TR95-03	L56+00N 49+64E	8-10m	recessive rotton rock, brx. hard to get good sample.
40067	TR95-03	L56+00N 49+64E	10-12m	FBR with rusty fractures, patchy sil, qtz eyes and green arg alt.
40068	TR95-03	L56+00N 49+64E	12-14m	" " " "
40069	TR95-03	L56+00N 49+64E	14-16m	same as above with 15cm zone of intense black staining (Mn?)

1995 LOON TRENCH SAMPLE LOCATIONS AND BRIEF DESCRIPTIONS				
40070	TR95-03	L56+00N 49+64E	16-18m	patchy silicifctn and a 20cm grey ccdy vn trending 320.
40071	TR95-03	L56+00N 49+64E	18-20m	relict flowbanding reappearing,patchy sil, grey/white/green,clay alt
40072	TR95-03	L56+00N 49+64E	20-22m	gougy, soft clay altd, ash tuff with odd stringer or brx pocket.
40073	TR95-03	L56+00N 49+64E	22-24m	" " " "
40074	TR95-03	L56+00N 49+64E	24-26m	domintly stkwk and brx with gougy clay alt zones and rusty.
40075	TR95-03	L56+00N 49+64E	26-28m	" " " "
40076	TR95-03	L56+00N 49+64E	28-30m	" " " "
40077	TR95-03	L56+00N 49+64E	30-32m	" " " "
40078	TR95-03	L56+00N 49+64E	32-34m	patchy sil, moderate stkwk and 20cm brx at 32m, gougy clay altrtn.
40079	TR95-03	L56+00N 49+64E	34-36m	silicified ash tuff, minor stockwk, ccdy stringers.
40080	TR95-04	L55+00N 51+25E	0-2m	white to grey brx with 2ndary black stringers and intense silicificatio
40081	TR95-04	L55+00N 51+25E	2-4m	mostly stockwk and some brx pods.
40082	TR95-04	L55+00N 51+25E	4-6m	silicified and patchy stckwk with grey chalcedony.
40083	TR95-04	L55+00N 51+25E	6-8m	stockwk zones, minor brx, intense silicfctn.
40084	TR95-04	L55+00N 51+25E	8-10m	White brx and stkwk. one or two 2cm black vns, intense sil.
40085	TR95-04	L55+00N 51+25E	10-12m	moderate stockwork with minor late black stringers.
40086	TR95-04	L55+00N 51+25E	12-14m	silicified rhy with 10cm black matrix brx and flanking stkwk.
40087	TR95-04	L55+00N 51+25E	14-16m	rotten altd rhy with 2- 30cm silicified zones, rusty yellow (jarosite?)
40088	TR95-04	L55+00N 51+25E	16-18m	same as above but only one 30cm silicified zone.
40089	TR95-04	L55+00N 51+25E	18-20m	yellow/white clay altd rhy. rotton/soft, weathered.
40090	TR95-04	L55+00N 51+25E	20-22m	very silicified rhy with minor black matrix brx pods.
40091	TR95-04	L55+00N 51+25E	22-24m	mostly ccdy brx. grey frags in a white cherty matrix, minor dissem p
40092	TR95-05	L56+00N 52+50E	float/grab	subcrop,fault milled multi-stage brx with late stage druzy qtz vns.
40093	TR95-05	L56+00N 52+50E	float/grab	milled fault gouge and frags of creamy white clay altd brx.
40094	TR95-05	L56+00N 52+50E	float/grab	fairly rounded blue-grey ccdy boulder .
40095	TR95-05	L56+00N 52+50E	float/grab	15cm subangular float, multi-compositional brx, py stringers<3mm
40096	TR95-05	L56+00N 52+50E	float/grab	multi-episode brx,black/grey/white clasts. ccdy and 5-10% py vns.
40097	TR95-05	L56+00N 52+50E	float/grab	volcanic brx with 1-20cm FBR clasts in felsic matrix. silicified, float.
40098	recce	km 37 on Chief Louis Rd	grab	Partly silcifd qtz eye rhy, weathered orange, trace py,odd stringer.
40099	recce	km 41 on Chief Louis Rd	grab	Green,calcitic, within shear zone, minor dissem py, odd calc vn.

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405-470 GRANVILLE STREET
VANCOUVER, BC
V6C 1V5

25-Sep-95

ATTENTION: ED YARROW/ SANDY SEARS

64 ROCK samples received Sept 19, 1995
PROJECT: # None given
SHIPMENT: # None given
Samples submitted by: None given

ET #.	Tag #	Au (g/t)	Au (oz/t)
61	040096	2.94	0.086

ECO-TECH LABORATORIES LTD.
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HUDSON BAY EXPLORATION & DEVELOPMENT AK 95-831
405-407 GRANVILLE STREET
VANCOUVER, BC
V6C 1V5

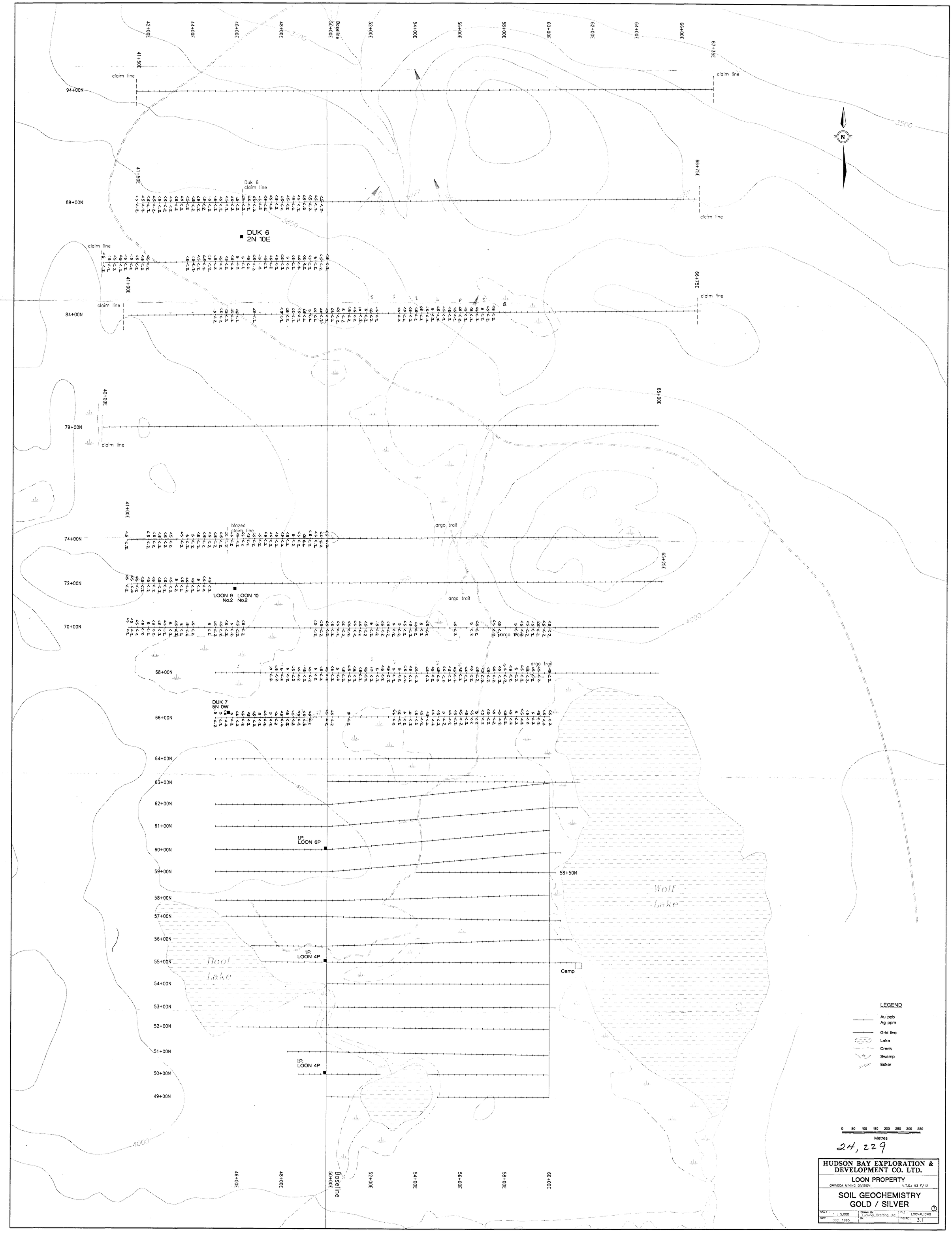
ATTENTION: ED YARROW/ SANDY SEARS

64 Rock samples received September 19, 1995
PROJECT: # None given
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	(L53+00N) 52+00E	5	0.2	0.38	40	65	<5	0.06	<1	<1	86	7	0.41	30	0.03	57	7	0.03	3	70	14	<5	<20	7	<.01	<10	2	<10	6	18
2	040037	5	<.2	0.32	30	60	<5	0.03	<1	<1	88	5	0.58	20	<.01	22	7	<.01	2	60	12	<5	<20	6	<.01	<10	<1	<10	4	19
3	040038	5	<.2	0.37	40	60	<5	0.04	<1	<1	38	4	0.63	30	0.01	18	4	<.01	2	90	14	<5	<20	8	<.01	<10	<1	<10	7	15
4	040039	5	<.2	0.38	60	45	<5	0.04	<1	<1	32	3	0.68	30	<.01	32	6	<.01	2	140	14	<5	<20	6	<.01	<10	<1	<10	7	22
5	040040	5	<.2	0.29	40	35	<5	0.03	<1	<1	51	2	0.33	30	<.01	15	4	<.01	2	80	12	<5	<20	5	<.01	<10	<1	<10	9	7
6	040041	5	0.2	0.27	25	40	<5	0.04	<1	<1	56	4	0.27	40	0.01	17	5	<.01	2	60	10	<5	<20	8	<.01	<10	<1	<10	9	11
7	040042	5	<.2	0.31	30	50	<5	0.03	<1	<1	38	3	0.34	20	<.01	10	3	<.01	1	50	10	<5	<20	8	<.01	<10	<1	<10	7	6
8	040043	5	<.2	0.22	30	40	<5	0.02	<1	<1	60	3	0.32	20	<.01	11	4	<.01	1	30	8	<5	<20	5	<.01	<10	<1	<10	5	4
9	040044	5	<.2	0.24	45	85	<5	0.02	<1	<1	66	1	0.40	20	<.01	19	4	<.01	2	40	8	<5	<20	5	<.01	<10	<1	<10	2	3
10	040045	5	<.2	0.23	70	120	<5	0.02	<1	<1	53	1	0.55	10	<.01	37	6	<.01	2	40	8	<5	<20	6	<.01	<10	1	<10	2	4
11	040046	5	<.2	0.29	65	105	<5	0.02	<1	<1	84	2	0.54	20	<.01	55	5	<.01	3	60	8	<5	<20	5	<.01	<10	<1	<10	4	6
12	040047	5	<.2	0.24	155	100	<5	0.02	<1	<1	104	2	1.05	20	<.01	36	14	<.01	2	80	12	<5	<20	12	<.01	<10	1	<10	2	8
13	040048	5	<.2	0.27	290	90	<5	0.02	<1	2	80	2	1.48	20	<.01	19	13	<.01	2	90	14	<5	<20	13	<.01	<10	1	<10	4	5
14	040049	5	<.2	0.22	90	55	<5	0.02	<1	<1	81	1	0.58	20	<.01	19	12	<.01	2	60	10	<5	<20	5	<.01	<10	<1	<10	3	4
15	040050	10	<.2	0.29	50	85	<5	0.02	<1	<1	62	2	0.51	30	<.01	15	7	<.01	2	60	8	<5	<20	8	<.01	<10	1	<10	4	5
16	040051	5	<.2	0.19	40	50	<5	<.01	<1	<1	60	2	0.51	20	<.01	17	5	<.01	2	40	10	<5	<20	5	<.01	<10	<1	<10	4	8
17	040052	5	<.2	0.23	60	80	<5	0.01	<1	<1	76	3	0.88	20	<.01	18	6	<.01	6	40	10	<5	<20	8	<.01	<10	<1	<10	5	20
18	040053	5	0.4	0.24	95	35	<5	<.01	<1	<1	55	3	1.34	20	<.01	19	7	<.01	2	60	12	<5	<20	8	<.01	<10	1	<10	5	14
19	040054	10	0.4	0.29	140	60	<5	0.02	<1	<1	61	2	0.74	20	<.01	24	33	<.01	3	70	12	<5	<20	3	<.01	<10	2	<10	4	5
20	040055	5	0.4	0.24	185	30	<5	0.06	<1	<1	63	2	0.73	20	0.02	16	7	0.01	2	40	6	<5	<20	13	<.01	<10	<1	<10	2	6
21	040056	5	0.2	0.32	85	50	<5	0.06	<1	<1	66	2	0.55	30	0.03	42	6	<.01	3	70	12	<5	<20	5	<.01	<10	2	<10	3	12
22	040057	15	1.0	0.23	285	70	<5	0.06	<1	<1	64	2	1.25	20	0.01	15	10	0.02	2	70	6	5	<20	37	<.01	<10	1	<10	<1	7
23	040058	5	0.8	0.23	50	40	<5	0.04	<1	<1	103	2	0.40	20	0.02	23	5	<.01	3	40	6	<5	<20	4	<.01	<10	1	<10	3	16
24	040059	5	0.4	0.30	50	35	<5	0.05	<1	<1	50	1	0.36	40	0.02	22	3	<.01	2	60	6	<5	<20	4	<.01	<10	<1	<10	4	13
25	040060	5	0.6	0.26	80	40	<5	0.05	<1	<1	79	2	0.63	20	0.01	19	5	<.01	3	30	8	<5	<20	6	<.01	<10	<1	<10	2	15

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
26	040061	5	0.6	0.42	215	60	<5	0.08	<1	1	46	4	1.02	30	0.03	34	7	0.02	3	110	10	<5	<20	17	<.01	<10	4	<10	4	23
27	040062	5	<.2	0.29	55	35	<5	0.01	<1	<1	55	1	1.21	20	<.01	23	7	<.01	2	120	12	<5	<20	1	<.01	<10	<1	<10	5	43
28	040063	5	<.2	0.30	20	45	<5	0.02	<1	<1	61	4	0.83	20	<.01	35	4	<.01	2	110	12	<5	<20	4	<.01	<10	<1	<10	4	28
29	040064	5	<.2	0.27	40	55	<5	<.01	<1	<1	60	2	0.81	30	<.01	43	5	<.01	3	110	14	<5	<20	7	<.01	<10	<1	<10	4	16
30	040065	10	<.2	0.26	85	50	<5	0.02	<1	<1	80	3	0.88	20	<.01	26	6	<.01	2	80	12	<5	<20	4	<.01	<10	<1	<10	2	15
31	040066	5	<.2	0.25	70	35	<5	0.02	<1	<1	79	1	0.33	30	<.01	14	4	<.01	2	50	10	<5	<20	3	<.01	<10	<1	<10	4	5
32	040067	5	<.2	0.31	30	65	<5	<.01	<1	<1	38	2	0.66	30	<.01	24	3	<.01	2	120	14	<5	<20	3	<.01	<10	<1	<10	8	15
33	040068	5	<.2	0.30	60	80	<5	0.02	<1	<1	45	4	1.39	20	<.01	200	6	<.01	2	120	16	<5	<20	4	<.01	<10	<1	<10	5	37
34	040069	5	<.2	0.37	40	60	<5	0.01	<1	<1	55	3	1.69	20	<.01	427	5	<.01	2	120	12	<5	<20	4	<.01	<10	<1	<10	6	51
35	040070	5	<.2	0.39	10	45	<5	0.02	<1	1	85	5	2.07	20	<.01	234	3	<.01	3	160	12	<5	<20	3	<.01	<10	<1	<10	2	110
36	040071	5	0.2	0.33	15	45	<5	0.01	<1	<1	26	3	1.47	20	<.01	79	3	<.01	2	160	12	<5	<20	2	<.01	<10	<1	<10	4	52
37	040072	5	<.2	0.32	30	50	<5	0.01	<1	<1	38	2	1.05	20	<.01	38	3	<.01	<1	120	12	<5	<20	3	<.01	<10	<1	<10	3	34
38	040073	5	<.2	0.33	20	45	<5	0.02	<1	<1	64	4	1.05	20	<.01	101	2	<.01	2	100	10	<5	<20	5	<.01	<10	<1	<10	5	38
39	040074	5	<.2	0.35	35	40	<5	0.01	<1	2	45	3	2.66	10	<.01	250	6	<.01	2	120	10	<5	<20	2	<.01	<10	<1	<10	2	92
40	040075	5	<.2	0.23	30	45	<5	0.02	<1	1	53	3	2.33	20	<.01	461	3	<.01	2	110	10	<5	<20	3	<.01	<10	<1	<10	3	55
41	040076	5	<.2	0.23	65	45	<5	0.01	<1	<1	80	4	1.49	20	<.01	33	5	<.01	2	70	12	<5	<20	7	<.01	<10	<1	<10	3	26
42	040077	5	<.2	0.19	40	40	<5	0.01	<1	<1	79	2	0.34	20	<.01	23	<1	<.01	3	50	10	<5	<20	4	<.01	<10	<1	<10	4	6
43	040078	5	0.2	0.15	60	45	<5	0.01	<1	<1	90	3	0.41	20	<.01	29	3	<.01	3	30	8	<5	<20	4	<.01	<10	<1	<10	3	6
44	040079	5	0.2	0.22	55	85	<5	<.01	<1	<1	103	2	0.46	30	<.01	19	4	<.01	2	50	12	<5	<20	6	<.01	<10	<1	<10	7	4
45	040080	230	1.6	0.21	535	70	<5	0.51	<1	<1	110	7	1.41	10	<.01	29	31	<.01	4	2230	10	15	<20	21	<.01	<10	2	<10	4	22
46	040081	40	0.6	0.21	210	110	<5	0.03	<1	<1	112	6	0.94	20	0.01	24	21	<.01	3	50	8	<5	<20	11	<.01	<10	1	<10	2	8
47	040082	5	1.0	0.18	180	90	<5	0.03	<1	<1	105	4	0.89	20	0.01	23	16	<.01	4	60	8	<5	<20	10	<.01	<10	2	<10	2	10
48	040083	5	0.4	0.18	105	50	<5	0.02	<1	<1	104	3	0.57	20	<.01	20	7	<.01	3	40	8	<5	<20	5	<.01	<10	<1	<10	3	8
49	040084	10	0.4	0.18	85	55	<5	0.02	<1	<1	110	4	0.61	20	<.01	20	8	<.01	4	40	10	<5	<20	9	<.01	<10	<1	<10	3	12
50	040085	25	0.8	0.19	105	160	<5	0.02	<1	<1	115	3	0.62	20	0.01	25	7	<.01	3	50	8	<5	<20	15	<.01	<10	1	<10	3	8
51	040086	50	1.2	0.18	330	115	<5	0.02	<1	<1	77	4	1.10	20	<.01	16	12	<.01	3	50	10	10	<20	15	<.01	<10	2	<10	2	6
52	040087	10	0.6	0.16	65	65	<5	0.03	<1	<1	129	3	0.79	10	<.01	24	14	<.01	4	60	8	<5	<20	14	<.01	<10	3	<10	2	5
53	040088	5	0.2	0.16	105	85	<5	0.02	<1	<1	99	3	0.82	10	<.01	20	6	<.01	4	40	8	<5	<20	14	<.01	<10	<1	<10	2	9
54	040089	5	0.4	0.19	80	70	<5	0.02	<1	<1	87	4	0.86	20	<.01	23	6	<.01	4	80	10	<5	<20	19	<.01	<10	1	<10	3	9
55	040090	5	0.2	0.22	135	80	<5	0.01	<1	<1	87	4	0.93	20	<.01	23	6	<.01	4	80	12	<5	<20	14	<.01	<10	2	<10	3	6
56	040091	5	<.2	0.21	80	140	<5	0.02	<1	<1	90	5	0.76	10	<.01	23	3	<.01	4	50	6	<5	<20	12	<.01	<10	2	<10	2	11
57	040092	70	3.8	0.12	240	40	<5	0.02	<1	<1	115	5	0.90	10	<.01	41	36	<.01	4	30	8	5	<20	11	<.01	<10	2	<10	2	12
58	040093	275	4.8	0.14	105	35	<5	0.03	<1	<1	124	5	0.62	20	0.01	24	17	<.01	5	40	6	<5	<20	7	<.01	<10	<1	<10	2	14
59	040094	5	<.2	0.10	50	45	<5	0.04	<1	<1	77	51	0.36	20	<.01	25	2	0.03	3	90	22	<5	<20	10	<.01	<10	<1	<10	6	9
60	040095	90	8.8	0.13	1075	30	<5	0.02	<1	2	116	12	2.84	<10	<.01	38	94	<.01	5	60	12	45	<20	9	<.01	<10	3	<10	<1	26
61	040096	>1000	29.4	0.10	340	40	<5	0.02	<1	1	121	8	1.23	<10	<.01	41	79	<.01	5	20	16	15	<20	7	<.01	<10	2	<10	<1	10
62	040097	5	0.2	0.21	65	45	<5	0.05	<1	<1	46	3	0.41	20	0.01	29	2	<.01	2	50	12	<5	<20	5	<.01	<10	<1	<10	8	22
63	040098	10	0.4	0.29	50	185	<5	0.04	<1	<1	77	3	1.56	40	<.01	92	7	0.02	3	90	6	<5	<20	8	<.01	<10	<1	<10	7	32
64	040099	5	0.4	0.21	5	220	<5	0.38	<1	<1	130	7	0.55	<10	0.04	1067	1	0.02	4	130	26	<5	<20	21	<.01	<10	1	<10	5	21


42+00E
44+00E
46+00E
48+00E
Baseline
50+00E
52+00E
54+00E
56+00E
58+00E
60+00E
62+00E
64+00E
66+00E
67+35E
41+50E
claim line
94+00N
66+75E
89+00N
Duk 6
claim line
DUK 6
2N 10E
41+00E
84+00N
65+00E
40+00E
79+00N
blazed
claim line
argo trail
74+00N
65+25E
72+00N
LOON 9
No.2
LOON 10
No.2
70+00N
68+00N
DUK 7
5N 0W
66+00N
64+00N
63+00N
62+00N
61+00N
I.P.
LOON 6P
60+00N
59+00N
58+50N
58+00N
57+00N
56+00N
I.P.
LOON 4P
55+00N
Camp
54+00N
53+00N
52+00N
51+00N
I.P.
LOON 4P
50+00N
49+00N
Boot
Lake
Wolf
Lake
4000
3600
N
LEGEND
Au ppb
Ag ppm
Grid line
Lake
Creek
Swamp
Esker
0 50 100 150 200 250 300 350
Metres
24, 229
HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.
LOON PROPERTY
OMINECA MINING DIVISION
N.T.S.: 93 F/12
SOIL GEOCHEMISTRY
GOLD / SILVER
SCALE: 1 : 5,000
DRAWN BY: Luminex Drafting Ltd.
FILE: LOONAU.DWG
DATE: DEC. 1995
BY:
FIGURE: 3.1

126° 00'

53° 40'

Chief Lewis Road

Quesa Main Road

Wolf Lake

Boot Lake

Camp

DUK 6
2N 10E

DUK 7
5N 0W

QUARRY ZONE

LOON 9 No.2 | LOON 10 No.2

LP. LOON 6P

LP. LOON 4P

LP. LOON 3P

LCP. LOON 2

Baseline 54+00E

LNABX01

LNABX15

TR9508 TR9507 TR9506 TR9505 TR9504 TR9503 TR9502 TR9501

94-1 94-2 94-3 94-4 94-5

SL93F12 009R SL93F12 011R SL93F12 002R SL93F12 010R SL93F12 001R

ML93F12 001R-008R
SL93F12 003R-009R
SL93F12 015R-029R

claim line

No o/c

orgo trail

LEGEND

Upper Cretaceous to Eocene

1 OOTSA LAKE GROUP - Rhyolite

Eocene to Miocene

2 ENDAKO GROUP - Basit, dacite

- Outline of outcrop or area of abundant subcrop and angular float
- Subcrop
- Angular float
- Float
- Layering (bedding) with parallel fracture set
- Closely spaced fracture set
- Veinlet, fracture filling (average attitude)
- Flow banding
- Trenches
- 1994 diamond dril holes
- SL93F12 010R Rock sample
- Silt sample
- Grid line
- Lake
- Creek
- Swamp
- Esker

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,229

0 100 200 300 400 500 600 700
Metres

HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

LOON PROPERTY

OMINECA MINING DIVISION N.T.S.: 93 F/12

COMPILATION MAP

2

SCALE : 1 : 10,000	DRAWN BY : Luminai Drafting Ltd.	FILE : LOONCOM.DWG
DATE : DEC. 1995	BY:	FIGURE :

Baseline
42+00E
44+00E
46+00E
48+00E
50+00E
52+00E
54+00E
56+00E
58+00E
60+00E
62+00E
64+00E
66+00E
67+35E
65+00E
65+25E
66+75E
41+50E
40+00E
41+00E
94+00N
89+00N
84+00N
79+00N
74+00N
72+00N
70+00N
68+00N
66+00N
64+00N
63+00N
62+00N
61+00N
60+00N
59+00N
58+00N
57+00N
56+00N
55+00N
54+00N
53+00N
52+00N
51+00N
50+00N
49+00N
58+50N
claim line
Duk 6
claim line
DUK 6
2N 10E
blazed
claim line
argo trail
LOON 9
No.2
LOON 10
No.2
DUK 7
5N 0W
I.P.
LOON 6P
I.P.
LOON 4P
I.P.
LOON 4P
Camp
Boot
Lake
Wolf
Lake
3500
4000
4000
N

LEGEND

Pb ppm
Zn ppm
Grid line
Lake
Creek
Swamp
Esker

0 50 100 150 200 250 300 350
Metres

24,229

HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

LOON PROPERTY

OMINECA MINING DIVISION N.T.S.: 93 F/12

SOIL GEOCHEMISTRY
LEAD / ZINC

SCALE : 1 : 5,000	DRAWN BY: Luminal Drafting Ltd.	FILE :	LOOPB.DWG
DATE : DEC. 1995	BY:	FIGURE :	3.3

3

42+00E
44+00E
46+00E
48+00E
Baseline
50+00E
52+00E
54+00E
56+00E
58+00E
60+00E
62+00E
64+00E
66+00E
67+35E
41+50E
claim line
94+00N
3500
N
66+75E
Duk 6
claim line
89+00N
DUK 6
2N 10E
84+00N
40+00E
65+00E
79+00N
41+00E
74+00N
blazed
claim line
argo trail
65+25E
72+00N
LOON 9
No.2
LOON 10
No.2
70+00N
68+00N
DUK 7
5N 0W
66+00N
64+00N
63+00N
62+00N
61+00N
I.P.
LOON 6P
60+00N
59+00N
58+50N
58+00N
57+00N
56+00N
I.P.
LOON 4P
55+00N
Boot
Lake
Camp
54+00N
53+00N
52+00N
51+00N
I.P.
LOON 4P
50+00N
49+00N
4300

LEGEND

As ppm
Sb ppm
Grid line
Lake
Creek
Swamp
Esker

0 50 100 150 200 250 300 350
Metres

24,229

HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD.

LOON PROPERTY

OMINECA MINING DIVISION N.T.S.: 93 F/12

SOIL GEOCHEMISTRY
ARSENIC / ANTIMONY

SCALE:	1 : 5,000	DRAWN BY:	Luminal Drafting Ltd.	FILE:	LOONAS.DWG
DATE:	DEC. 1995	BY:		FIGURE:	3.2

4