

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Soil Geochemistry

TOTAL COST: \$18,106.00

AUTHOR(S): David G Mark

SIGNATURE(S): *David Mark*

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): YEAR OF WORK: 2023

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): SOW #6002368 dated October 27, 2023

PROPERTY NAME: Peacock

CLAIM NAME(S) (on which the work was done):

1058807

COMMODITIES SOUGHT: Copper, Gold, Silver

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092I SE 055, 092I SE 123-125, 092I SE 132

MINING DIVISION: Nicola

NTS/BCGS: 92I/02 /// 092I.017, 092I.018, 092I.027, 092I.028

LATITUDE: 50 ° 12 '16.9 " LONGITUDE: 120 ° 37 '11.2 " (at centre of work)

OWNER(S):

1) Lionheart Exploration Inc.

2)

MAILING ADDRESS:

1000 - 355 Burrard Street

Vancouver, BC, V6C 2G8

OPERATOR(S) [who paid for the work]:

1) Lionheart Exploration Inc.

2)

MAILING ADDRESS:

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PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

The central part of the property is underlain by northwest trending medium to coarse grained chlorite-sericite altered,

foliated diorite and granodiorite up to 1000 metres thick. The diorite hosts a series of multiple and stacked quartz

and quartz-feldspar veins and veinlets. North of the diorite is an equi-granular medium to coarse grained granite which in part

has intruded the altered diorite. Both rock types make up part of the Nicola Batholith.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 2460, 2970, 3936, 4409, 6119, 6441, 6742,

7488, 8036, 12386, 15318, 16625, 18583, 22900, 24600, 25283, 28271, 32465, 33375, 35153, 35848, 39647, 39539

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil 80		1058807	\$18,106.00
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	\$18,106.00

GEOCHEMISTRY REPORT
on a
2023 MMI SOIL GEOCHEMISTRY SURVEY
WITHIN THE
PEACOCK PROPERTY
PEACOCK MOUNTAIN, MERRIT AREA
NICOLA MINING DIVISION, BRITISH COLUMBIA

LOCATED: 16 km northeast of the town of Merritt, BC
50° 12' North Latitude, and 120° 37' West Longitude
NTS: 92I/02
BCGS: 92I.017, '.018, '.027, '.028

WRITTEN FOR: **LIONHEART EXPLORATION INC.**
1000 – 355 Burrard Street
Vancouver, British Columbia

WRITTEN BY: David G. Mark, P.Geo.
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DATED: April 30, 2024

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<u>Line</u>	<u>Copper, Silver, Gold, Molybdenum, Cadmium</u>	<u>Lead, Zinc, Nickel, Cobalt, Cerium, Uranium</u>
5564000 N	H1A	H1B
5564100 N	H2A	H2B
669700 E	H3A	H3B
669800 E	H4A	H4B
669900 E	H5A	H5B
667000 E	H6A	H6B
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Sample Location	GC-00	
Silver	GC-01	
Gold	GC-02	
Cadmium	GC-03	
Cerium	GC-04	
Cobalt	GC-05	
Copper	GC-06	
Iron	GC-07	
Potassium	GC-08	
Lithium	GC-09	
Molybdenum	GC-10	
Nickel	GC-11	
Lead	GC-12	
Uranium	GC-13	
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1 SUMMARY

The Peacock property is comprised of 5 contiguous mineral claims located approximately 16 km northeast of Merritt, B.C.

The property has been explored in the past by several individuals and companies; Mineral exploration has been conducted on the Peacock since the early part of the century. At least 3 small shafts and pits occur around the property. The area of the claims has been intermittently explored since the late 1920s, focusing mainly on developing the Turlight quartz-copper vein system, or discovering a similar deposit nearby. The Turlight reverted Crown Grant is surrounded by the Peacock claims.

The central part of the property is underlain by northwest trending medium to coarse grained chlorite-sericite altered, foliated diorite and granodiorite up to 1000 metres thick. The diorite hosts a series of multiple and stacked quartz and quartz-feldspar veins and veinlets.]

North of the diorite is an equigranular medium to coarse grained granite which in part has intruded the altered diorite. Both rock types make up part of the Nicola Batholith. The Nicola Batholith has intruded Nicola Group volcanic and sedimentary rocks (or their metamorphic equivalents) underlying the southern and eastern parts of the property.

There are (5) MinFile occurrences mapped within the perimeter of the claim group, including the past producing Turlight deposit which is reported as a Cu +/- Mo +/- Au hydrothermal vein showing. Previous exploration has identified two primary exploration target zones that indicate good potential for copper mineralization.

The current objective is to investigate the Peacock property for its bulk tonnage copper potential.

In 2022, two east-west lines of MMI soil sampling were carried out a few hundred meters west of the Copperado-P66 showing. A total of 29 samples were picked up along a survey length of 1,350 meters. The sampling revealed copper anomalies and a strong lithium anomalous zone.

The MMI survey in 2023 consisted of an additional 80 samples that were picked up along 4 north-south survey lines located at the Copperado-P66 showing. The total survey length was 2,000 meters with a line spacing of 100 meters and a sampling interval of 25 meters. The purpose of the sampling was to determine the possible extent of the copper mineralization associated with the Copperado-P66 showing.

These samples were bagged and sent to SGS Laboratories in Burnaby, BC, for analysis where they were tested for 53 elements. The laboratory data results were processed with that of the 2022 soil sampling in order to obtain a more accurate background of the metals of exploration interest. The results for 11 of these were divided by their respected mean background values to obtain a value called a response ratio. Two stacked histograms for each line were then made of the response ratios. Fourteen plan maps were also made, respectively for 14 elements using the laboratory results.

The MMI soil sampling revealed a very strong copper anomaly that covered almost the entire 2023 grid. This anomaly, labeled A, also consists of gold and silver anomalies with smaller sizes of cobalt and molybdenum anomalies. It is about 450 meters in a north-south direction and a minimum 300 meters in an east-west direction with it being totally open to the west. There is MMI evidence that anomaly A could be reflecting a porphyry copper deposit.

Also, of exploration interest is anomaly B which is a strong lithium anomaly, and anomaly C which is a rare earth and uranium anomaly probably occurring within a pegmatite.

It is recommended to expand the MMI soil sampling grids in all directions, especially to the west of anomaly A, which is then to be followed by IP and resistivity surveying.

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2 INTRODUCTION and GENERAL REMARKS

This report discusses survey procedure, compilation of data, interpretation methods, and the results of MMI soil sampling that was carried out within the Peacock Property, which is located northeast of the town of Merritt within southern BC. The property is owned by Lionheart Exploration Inc of Vancouver, BC.

The MMI soil sampling was carried out by a Geotronics Consulting crew of two men under field supervision of Chris Delorme a mineral exploration technician during the period of October 02nd to 17th, 2023. The amount of work consisted of 80 samples along four north-south lines for a total survey distance of 2,000 meters.

The main purpose of exploration on this property is to locate porphyry copper style sulphide mineralization or some other type of bulk tonnage of copper mineralization.

The purpose of the MMI soil sampling is to look for mineralization directly. MMI stands for *mobile metal ions* and describes ions, which have moved into the weathering zone and are weakly or loosely attached to near surface soil particles. MMITM uses patented sampling and testing techniques that are particularly useful in detecting mineralization at depth- in excess of 700 meters. The MMI procedure benefits the Property by not being affected by thick surficial cover such as glacial till, whereas standard soil sample techniques are affected by glacial drift. MMI is characterized as having a high signal to noise ratio and therefore can provide accurate drill targets. However mobile metal ions may also move along fault lines

and therefore could show the causative source to be laterally moved from where the actual source of mineralization is located.

3 PROPERTY and OWNERSHIP

The Peacock Property is a mineral exploration property that is comprised of 5 mineral claims covering a total area of 1,427 hectares as tabulated below and as shown on fig. 3.

TABLE 1 - PEACOCK MINERAL CLAIMS				
<u>Tenure Number</u>	<u>Issue Date</u>	<u>Claim Name</u>	<u>Good Until</u>	<u>Area (ha)</u>
1058807	2018/Feb/24	Peacock	2024/Jul/31	1,220.17
1063801	2018/Oct/15	Creek	2024/Jul/31	103.41
1070420	2019/Aug/16	Peacock East	2024/Jul/31	62.06
1075442	2020/Mar/25	Peacock	2024/Jul/31	20.68
1104467	2020/Mar/25	Peacock	2024/Jul/31	20.68
TOTAL AREA				1,427.00

The “Good Until” date assumes that the work described within this report will be accepted for assessment credits.

The Peacock Property is 100 % owned by Lionheart Exploration Inc of Vancouver, British Columbia.

4 LOCATION AND ACCESS

The Peacock project claims are located along the western flank of Peacock Mountain, approximately 16 kilometres northeast of Merritt, BC and 4 kilometres north of the west end of Nicola Lake. The approximate geographical coordinates of the centre of the study area are 50° 12’ 30”N and 120° 37’ 04”W. The property lies in the Nicola Mining Division within NTS map sheet 92I/02E and BCGS map sheets 92I.017, 92I.018, 92I.027, and 92I.028

Access to the property is from Merritt heading east on the Princeton Kamloops Highway(5A) until reaching Mill Creek Road, approximately 7.7 km from the junction off Highway 5. Turn left onto Mill Creek FSR and continue for approximately 6.2 km. At this junction there are two routes to enter the property which are either by Dog Forest Service Road (right) or left onto Coyote Forest service Road. Turn right and continue for 3.9 km until coming to a junction, then make a left for 750 meters to go to the Turlight mine site.

LIONHEART EXPLORATION INC.

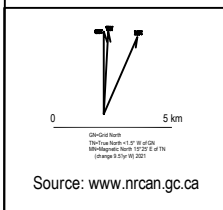
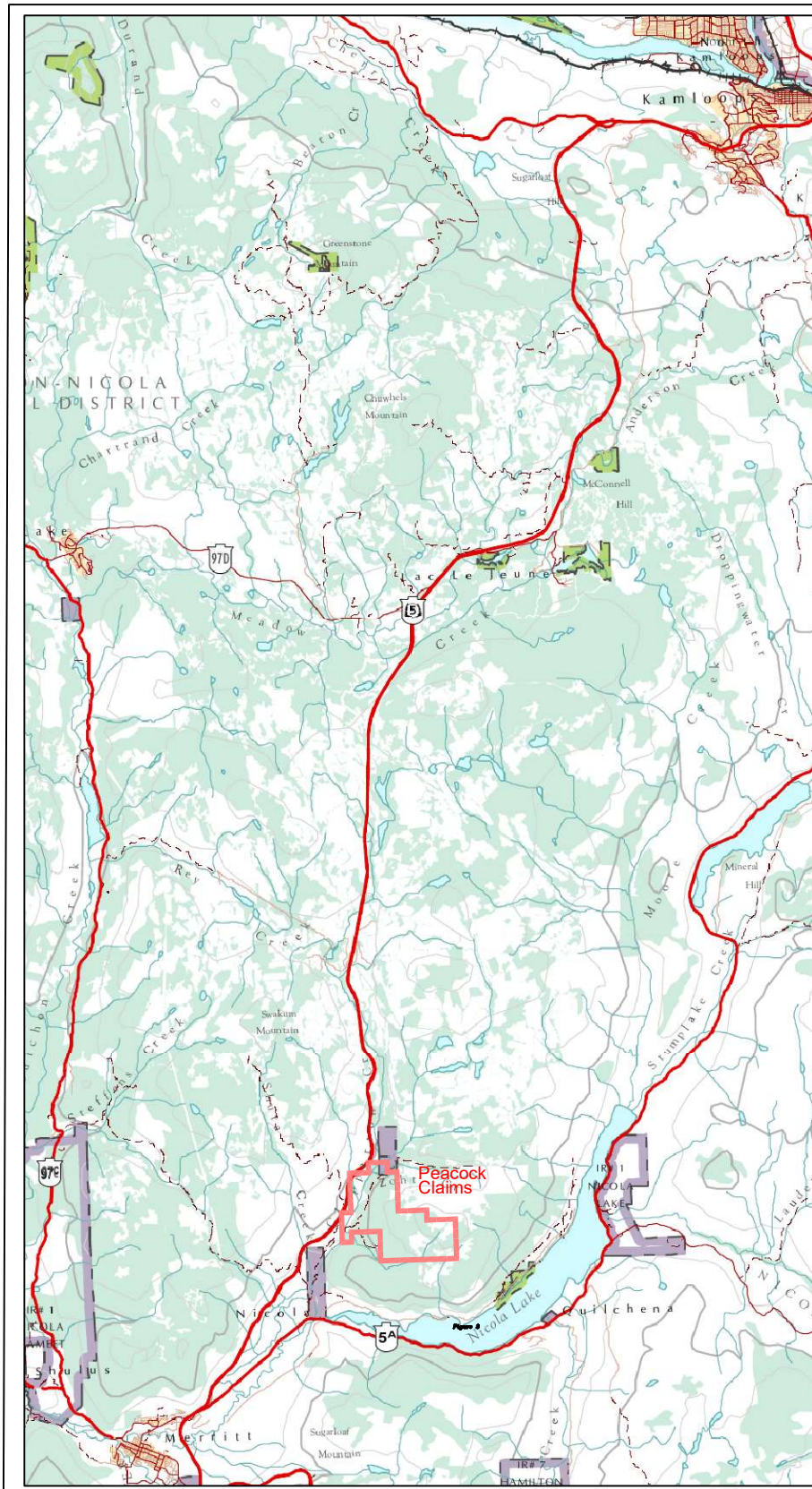
PEACOCK PROPERTY

PEACOCK MOUNTAIN, MERRITT AREA, NICOLA MD, BC

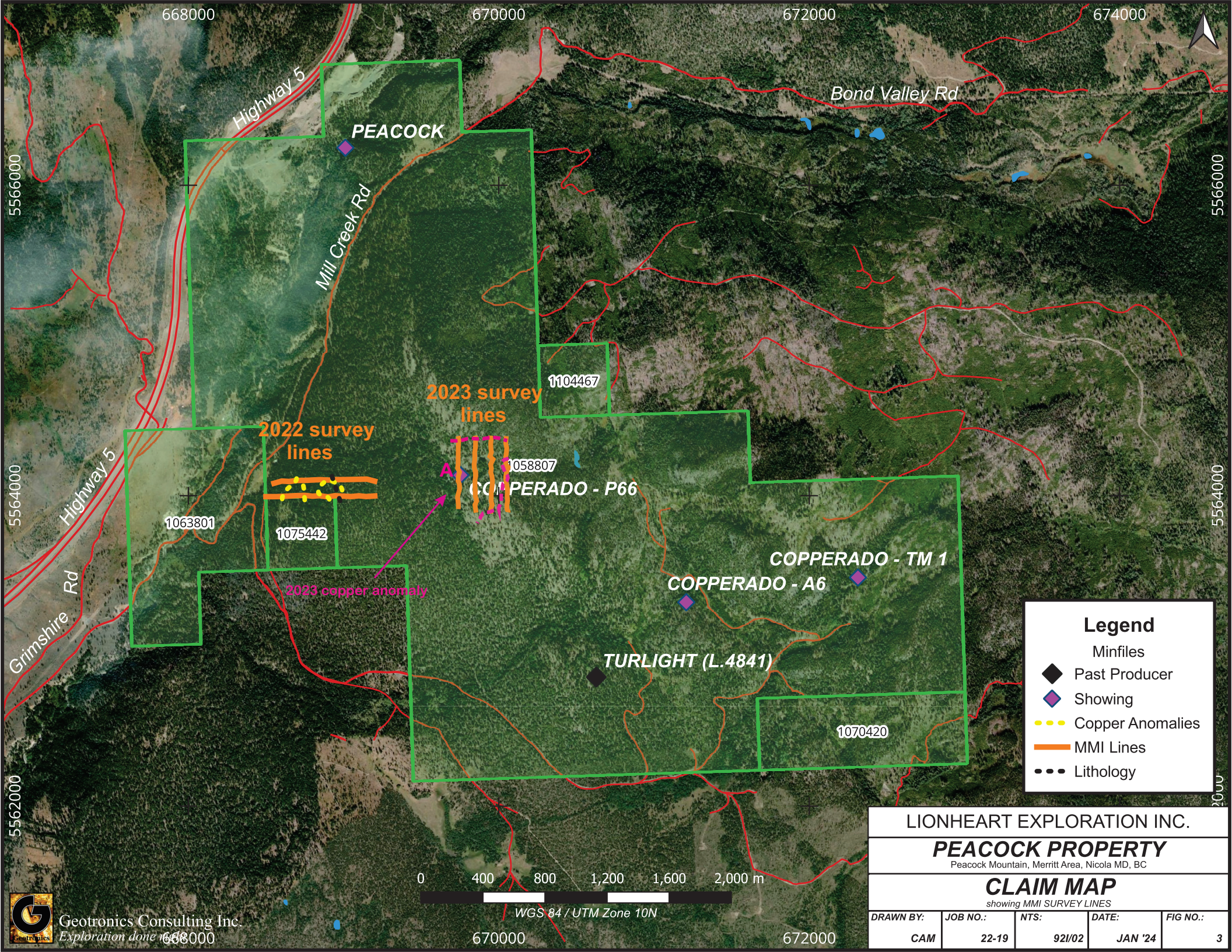
BC LOCATION MAP

DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	23-27	921/02	APR '24	1





LIONHEART EXPLORATION	
PEACOCK PROPERTY	
Nicola Mining Division British Columbia	
Location Map Peacock Property	
Universal Transverse Mercator Zone 10 NAD 83 Datum	<i>Figure 2</i> <i>James A Turner, P.Geo</i>



Legend

Minfiles

◆ Past Producer

◆ Showing

● Copper Anomalies

— MMI Lines

--- Lithology

LIONHEART EXPLORATION INC.

PEACOCK PROPERTY

Peacock Mountain, Merritt Area, Nicola MD, BC

CLAIM MAP

showing MMI SURVEY LINES

DRAWN BY:	JOB NO.:	NTS:	DATE:	FIG NO.:
CAM	22-19	921/02	JAN '24	3

0 400 800 1,200 1,600 2,000 m

WGS 84 / UTM Zone 10N

The remainder of the property is covered by logging and old exploration roads providing good access to all regions. A 4-wheel drive vehicle is recommended.

5 PHYSIOGRAPHY

The Peacock Property is found within the Thomson Plateau, which is a physiographic unit of the Interior Plateau System. The Thompson Plateau consists of gently rolling upland of low relief for the most part. On the Peacock Property the elevations vary from 790 meters along the western side of the property at Clapperton Creek to 1,560 meters within the eastern side of the property at the top of Peacock Mountain. Moderate to steep slopes with variable soil cover blanket much of the property.

The main water source is Clapperton Creek, which flows south-southwesterly along the western side of the claims, as well as its tributaries.

Tree cover is generally that of coniferous forest, varying from open to thick, with grasslands as well as some thick second growth.

Glaciers occupied the Thompson Plateau and thus much of the claim area is covered by glacial drift, which can become quite deep over the flatter areas.

The climate in the area is semi-arid, and thus the precipitation is low, about 25 to 28 centimeters (10 to 11 inches). Temperatures vary from the high extreme in summer of around 40°C to the low in winter of around -30°C, though the usual temperature during the summer days would be 15°C to 25°C and that in winter would be -10°C to 5°C.

6 PREVIOUS WORK

This was taken from Turner's report on the property.

In the 1920's copper mineralization consisting of chalcopyrite and bornite was discovered in a high-grade quartz vein known as the Turlight Mine. In 1929, Turlight Mines Ltd. sank a shaft to 60 feet (18 metres) in order to follow the prospective quartz vein. The workings were inactive until 1947 when they were put back into production by Guichon Mines Ltd.

During 1947 and 1948, the property was under option to Anaconda Copper Mining Co. They drilled seven holes for a total of 2,578 feet (786 metres) to test the ore-bearing structure. After the drilling program, the option was dropped. Guichon Mines Ltd. continued operations until the mine was closed in 1951.

The Turlight workings are located within a Crown grant and legacy claim which lies internal to the Peacock property. The Crown Grant has lapsed and the Turlight workings are now part of the Peacock property. Several exploration programs have run on the property since the mine closure.

In 1962, Toluma Mining and Development Co. performed in-field geochemical analysis of soil samples obtained from the area (Montgomery, 1962). The results were approximations of copper enrichment using assay colour-matching techniques. Almost every sample was noted to contain copper. The strongest and most widespread geochemical reactions were from the southeast section of the Property.

Toluma returned in 1963 to conduct geophysical surveying using Induced Polarization (IP) and Resistivity surveys. The survey was intended to test areas of previous drilling and stripping and locate conductors on the property that might be a consequence of metallic mineral deposits.

Pacific Petroleum Ltd. worked on the Smith claim group in 1972 (Rowe & Cowan, 1972). Soil sample assay results identified a zone of anomalous copper enrichment trending northwest and covering an area 701 metres wide and 1,219 metres long. Copper anomalies of up to 7,300 ppm were recorded from this area.

Copperstar Mine Ltd. conducted exploration drilling in the area in 1977 (Lorimer, 1977a). Three holes were drilled for a total of 350 feet (106 metres) to determine the extent of mineralized surface exposure. Copper, molybdenum, and silver were slightly above background in all 3 holes. There were some narrow zones of stronger enrichment, but it was determined that there was little economic interest in the results. During the same program, drill testing of the old Turlight workings was undertaken with three holes totaling 263.6 metres where low-level copper enrichment was encountered.

CRC Explorations conducted two exploration programs during the year of 1998 and 2006. In 1998 under the supervision of Craig Payne a total of 1,188 soil samples were collected as well as 33.7 km of line cut and flagged in the Turlight Area in a northwest southeast direction above the claim area of the shaft mostly and as well as on the Turlight Shaft. This survey found two new zones of potential areas of interest, the Northwest Zone and the Southeast Zone. IP was conducted at one time or another over a certain portion of the claim block but attempts to find this information have come up with no success.

In 2006 CRC Exploration and COLUMBIA YUKON EXPLORATIONS INC conducted a drilling program consisting of 967 meters in 5 holes as well as other geophysics in the area.

During 2006, five core holes were drilled to test coincident Cu-Ag-Au soil anomalies and IP chargeability-resistivity anomalies. Four of the holes tested the coincident soil geochemical and geophysical anomalies in the West Zone or Peacock and one hole in the East Zone.

West Zone drilling encountered weakly chlorite-sericite altered diorite body containing a modest fine to coarse stockwork of quartz-feldspar veins containing

disseminated and clots chalcopyrite, chalcocite and minor bornite. Disseminated native copper was encountered in three of the four drill holes.

Drill hole COP06-01 encountered a 3.04m intersection averaging 2596.8ppm Cu followed by 16.00m of 1631.3ppm Cu. These anomalous geochemical values are caused by disseminated native copper within the altered diorite associated with chalcopyrite-chalcocite- bornite mineralized quartz-feldspar veins.

Drill hole COP06-02 encountered 4.00m grading 1880.30ppm Cu caused by disseminated native copper and mineralized quartz-feldspar veining.

COP06-03 cut 13.00m averaging 1843.0 ppm Cu caused by disseminated native copper and a moderately mineralized quartz-feldspar stockwork.

COP06-04 cut foliated diorite throughout its entire length with spotty copper mineralization ranging up to 3432.0 ppm Cu over 2.00m. Clots and stringers of chalcopyrite-chalcocite hosted in quartz-feldspar veins are the cause of the anomalous geochemical values.

One drill hole COP06-05 was drilled to test anomalous Cu-Ag soil geochemical results within the East Zone target. The drill hole encountered granite followed by foliated diorite and then a 16.00m thick fault zone and ended in unaltered granite. Geochemical results show spotty, weakly anomalous copper values up to 1982.5ppm Cu with one interval from 118.50 to 122.00m (3.50m) returning 1914.4ppm Cu. Based on the results from the 2006 drilling campaign no further work was warranted at the time. Two historical exploration assessment reports describe the geology and mineralization of the strongly mineralized areas and are suggestive of a common link to a buried system.

The claims were allowed to lapse and were acquired by Chris and Guy Delorme.

In 2011 the Delormes hired Terry Garrow to conduct a geophysical survey over a portion of the claim block. The program consisted of a VLF and Proton Magnetometer Survey to encompass a prospective region of the claim block north of the Turlight Shaft. Eight line -km were surveyed. The survey delineated two areas of high magnetics, each being in the most western portion of the survey area and the other on the western portion of the survey area. The Geophysicist (Jason Garrow) found several locations of interest which were expressed to Delorme to prospect later. The VLF also delineated several areas of changes in composition of geological contacts which were subsequently prospected.

In 2012 Chris Delorme conducted a prospecting program with Peter Palikot/Guy Delorme to evaluate other potential areas of highly mineralized quartz veins in the vicinity of the Turlight Shaft and in the Southeast and Northwest areas, and in Clapperton Creek. The program was successful in finding high grade copper and enriched silver and gold values as well as some intriguing molybdenum values

sporadically. The samples were done by ICP, which was not included in the previous reports.

In 2013 Dot Resources which optioned the property (Option has now been dropped) contracted out Aurora Geosciences (Robin Wylie) to conduct an ELF survey of 4.6 line-km over a portion of the property approximately Northwest of the Turlight Shaft. The survey completed has delineated one target area about 500 meters northwest of the Turlight Shaft.

In 2014, Chris Delorme contracted Laurence Sookochoff to conduct a Structural Analysis over a portion of the property to ascertain the possibilities of hosting a potential deposit.

Between 2014 and current date the Delormes conducted several work programs over the Peacock Claim Group. The ARIS reports are 35848 and 35529.

In August 2019, Lionheart entered an agreement with the owners of the Peacock to conduct work on the Property.

In 2021 Lionheart funded an airborne geophysical survey over the property.

In 2022, Geotronics Consulting carried out MMI soil sampling along two east-west lines 600 meters to the west of the Copperado–P66 showing. The line separation was 100 meters and the sample interval, 50 meters with the resulting number of samples being 29. The survey revealed two moderate copper anomalies and a significant lithium anomaly.

7 GEOLOGY

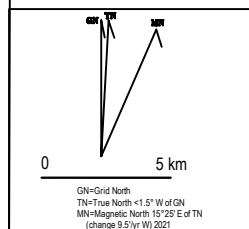
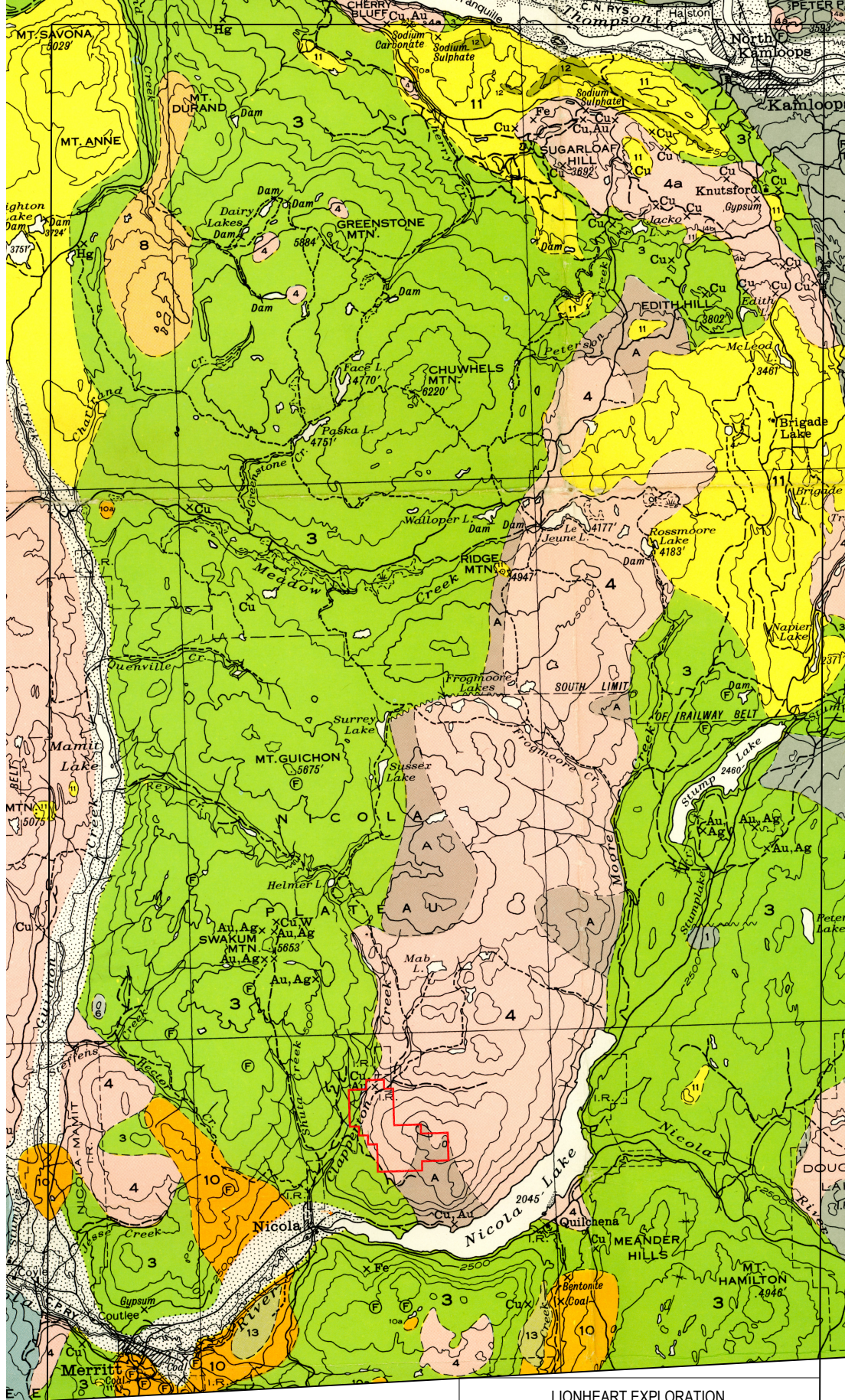
This entire section is taken from Turner's 2021 report on the property.

7.1 REGIONAL

The Regional Geology Figure 4 and Figure 4a (legend) is summarized after Moore and Pettipas 1990, and Payne 2006.

The area in Figure 4 lies in the Intermontane Belt and is part of Quesnellia, the eastern part is in contact with the high-grade metamorphic rocks of the Omineca Belt. Late Triassic calc-alkaline, arc-volcanic rocks and sediments of the Nicola Group underlie the northwestern part. They have been intruded by Tertiary volcanics, dikes, sills (?) and around Rey Lake by granitic rocks of variable composition.

Reconnaissance mapping and compilation by Monger and McMillan (1989) placed the rocks in the area as central volcanic facies. However, subsequent detailed mapping by Moore (1990) described the rocks as belonging to the western volcanic facies of the Nicola Group. This unit is characterized by mafic to felsic, plagioclase-phyric flows, pyroclastic and epiclastic breccia's, tuff, wacke with minor limestone (Moore et al., 1990). Figure 3 shows the regional geological setting of the property.



source: The Map Place

Geology by: Cockfield 1961

LIONHEART EXPLORATION

PEACOCK PROPERTY

Nicola Mining Division

British Columbia

Regional Geology

Universal Transverse Mercator

Zone 10

NAD 83 Datum

Figure 4

James A Turner, P.Geo

LEGEND



The Nicola Group is a north–south belt that extends from the Canada-US border to just north of Kamloops. Within the local region, the Nicola rocks are fault bounded and are believed to occupy a roof pendant structure. Intrusive rocks of the Triassic age lie to the east and west of the Nicola rocks.

The volcanic and sedimentary rocks of the Nicola Group in this area are steeply dipping, with the top of beds facing east to northeast. They have been regionally metamorphosed to lower greenschist facies (Moore et al., 1990).

Locally, outcropping bedrock is scarce, particularly around the Peacock Property. Within this area overburden depth reaches as much as 50 m on the north side of the property but is commonly only a few meters on the southern side where sporadic outcrop occurs.

The regional geology is dominated by the Nicola Group of volcanic rocks ranging from andesite to basalt as agglomerates, breccia's and tuffs that have been affected by younger intrusions, such as, the three north-south trending batholiths: the eastern Wild horse Mountain, central Nicola and western Guichon Creek batholiths.

The batholiths are of Jurassic age and compositionally zoned from an exterior rim of diorite through to a core of quartz monzonite. They intrude Nicola Group volcanic and pyroclastic rocks with minor limestone, argillite and conglomerate. The Guichon Creek batholith hosts several world class porphyry copper-molybdenum deposits including Valley Copper, Bethlehem Lornex, Highmont, and Craigmont.

7.2 PROPERTY GEOLOGY

The Property is located at the southern end of the Nicola Batholith on a regional topographic high known as the Nicola Horst. The batholith is comprised of predominantly coarse-grained granitic rocks, with the central portion being granodiorite. This granodiorite ranges in composition from biotite granite to hornblende biotite tonalite. In addition to the granitoid phases, metamorphosed supracrustal rocks from several ages, and Mesozoic to Tertiary plutonic rocks, occupy the Nicola Horst (Moore, 1989)

Intrusion by the Nicola Batholith has produced strong local metamorphism of the Nicola Group volcano sedimentary package. Metasediments, tonalite and tonalite porphyry are found in conjunction with the granodiorite. Metamorphic grade is up to lower amphibolite facies.

There are subsequent intrusions of Jurassic to Paleocene granitoids (Moore and Pettipas, 1989). Rocks in the northern third of the horst are Jurassic in age, overlain by Tertiary basalt, while similar intrusive rocks in the south are Paleocene (Moore, 1989).

Steep brittle faults separate the Nicola Batholith from surrounding Nicola Group supracrustals. West of the Nicola Batholith is the Coldwater- Clapperton Creek fault zone, to the east is the Quilchena Creek-Stump Lake fault zone, and there is an

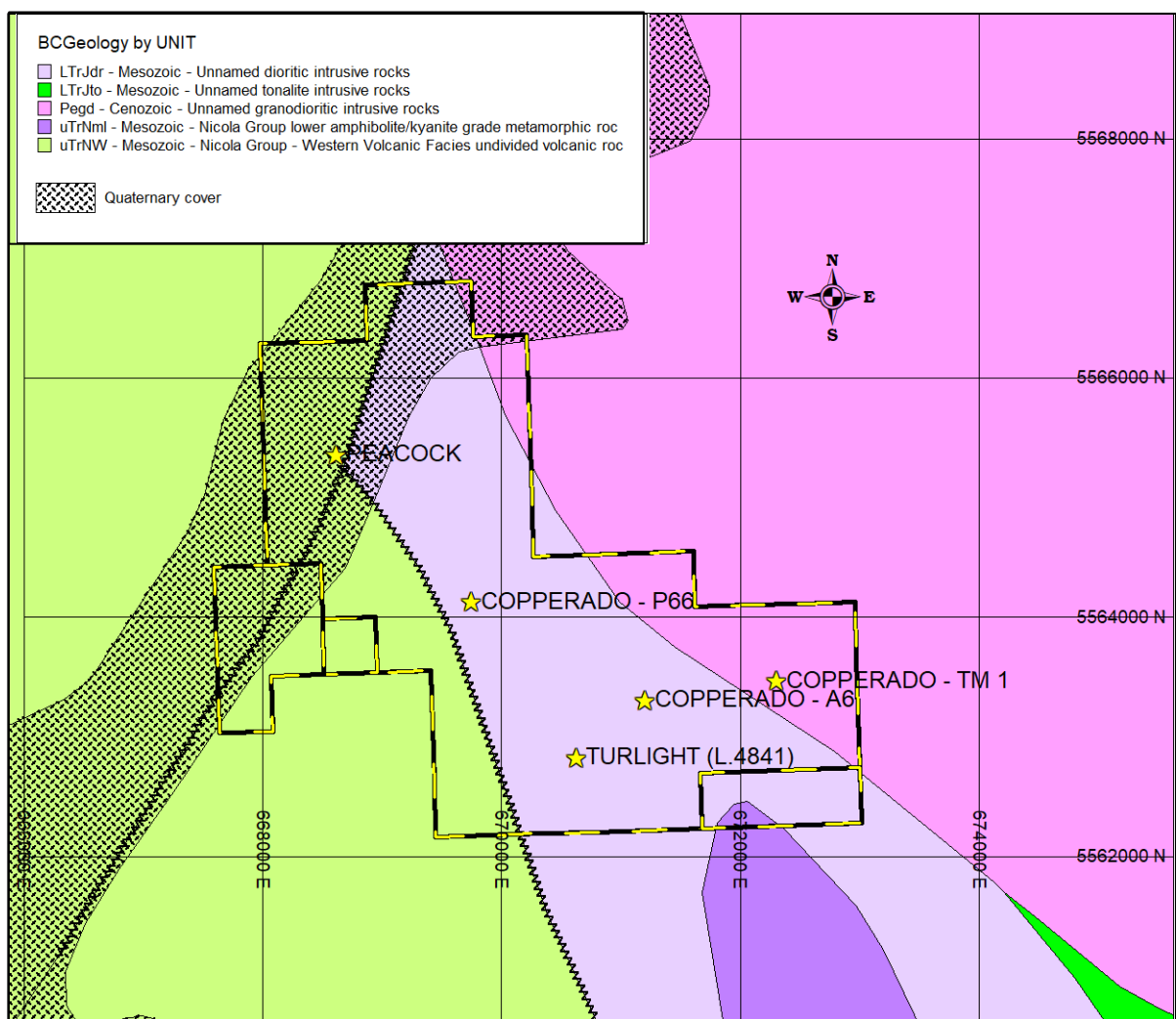


Figure 5: Peacock Property Geology Map (from BCGS)
Peacock project claims outlined in yellow-black lines.

unnamed fault zone to the south (Moore, 1989). Fault zones are characterized by closely spaced fracturing, slickenside lineation's and local hydrothermal alteration. Sparse evidence of ductile deformation features was noted (Moore, *ibid.*).

Quartz veins broadly associated with regional deformation events tend to be mineralized with bornite, chalcopyrite and molybdenite. These veins are in turn crosscut by quartz-feldspar porphyry units which are assumed to be related to Paleocene emplacement of granitoids (Moore, 1989). Mineralisation on the Property tends to be associated with quartz veins hosted in granodiorite.

The central Nicola Horst is interpreted as a metamorphic core complex (Ewing, 1980) resulting from extension of the southern Cordillera in early Tertiary time. The contrast in metamorphic grade between the horst and its surroundings, and the age of bounding faults, are consistent with this interpretation.

However, most of the strain in the horst is not spatially related to the Tertiary bounding faults, is no younger than Paleocene, and, based upon kinematic evidence, is compressive as opposed to extensional (Moore, 1989). The Paleocene granodiorite is megascopically unstrained except for one locality noted on the west contact where gently west-dipping shear banding has been recorded (Moore, 1989).

The contact with the Jurassic granodiorite is poorly defined. The Nicola Horst appears to be a fenster, exposing a deformed terrane that lies below the current erosional level of the enclosing Nicola Group rocks. This may represent the actual root of the Nicola volcanic arc and its deformation related to arc collisional tectonics and subduction/obduction, as opposed to extensional Eocene tectonics of the Cordilleran Mountain belt. Mineral thermal reset dates imply uplift and cooling in Eocene times (Moore, 1989)

7.2.1 Mineralization - Synopsis

There are 5 MinFile occurrences within the Peacock property. The Turlight (past producer), Peacock, Copperado-P66, and Copperado-TM1 are reported as Cu +/- Mo +/- Au hydrothermal vein showings. The fifth occurrence is the Copperado-A6 which is listed as containing uranium in a disseminated pegmatite.

Nicola Group volcano-sedimentary rocks have undergone weak regional metamorphism which is manifested by chloritization and epidotization of mafic minerals in porphyritic andesite flows. Sedimentary rocks appear relatively unaltered except in and around old showings in the central part of the property (Fig. 5)

Sedimentary rocks, especially argillite interbedded with lesser siliceous limestone, have been subjected to hydrothermal alteration associated with the emplacement of massive sulphide mineralization. They are extremely hard, exhibit some conchoidal fracture due to pervasive silicification and have also undergone weak calc-silicate alteration with most of the carbonate being lost from the limestone (weak response to HC1).

These sedimentary rocks are cut by milky quartz veins and irregular masses. Fe-oxide alteration is very intense in areas of mineralization.

Highly anomalous copper, silver, gold, and molybdenum values are found in three styles of mineralization on the property.

The most common style is chalcopyrite, chalcocite, bornite and molybdenite stringers and pods in multiple series of anastomosing quartz and quartz-feldspar veins and veinlets in foliated diorite. Abundant malachite, azurite and minor chrysocolla coat fractures and vugs within fractured vein sets

The second style of mineralization is disseminated fine grained chalcopyrite, minor bornite, pyrite and native copper in foliated diorite usually associated with quartz and/or quartz-feldspar veining. Locally abundant malachite and azurite coat foliation planes. Minor stringers and disseminated chalcopyrite and pyrite are found within felsite dikes throughout the property. The East Zone is a series of multiple quartz and quartz-feldspar veins and coarse quartz stockwork in quartz diorite which extends some 1.7km to the northwest and is exposed over a width of 200m.

Mineralization of the veins consists of chalcopyrite, chalcocite and locally bornite with trace molybdenite. Malachite and azurite are common and locally chrysocolla. Generally, the sulphides occur as stringers and crystal aggregates in fractures within quartz or quartz-feldspar veins, linings of vugs and along contacts between veins and host rock.

All three vein sets in this area contain significant copper, silver and gold mineralization with the eastern part of the East Zone containing highly anomalous molybdenum values. Anomalous copper values of rock grab samples from quartz veins (all vein sets) range from 1,051.1ppm Cu to 98,607.2ppm Cu; silver values range from 1079ppb Ag to 99,999ppb Ag; gold values from 517ppb to 4669.8ppb Au and molybdenum from trace to 23,166.7ppm Mo.

Similar mineralogy (no molybdenite) is found throughout the West Zone consisting of a series of multiple orientated quartz and quartz-feldspar veins and veinlets exposed over an area some 1.1km by 500m wide and remains open to the northwest.

Anomalous (all vein sets) metal values from rock grab samples of the quartz and quartz-feldspar veins range from 2,798.8ppm Cu to 93,882.4ppm Cu; silver from 1,004ppb Ag to 99,999ppb Ag; weakly anomalous molybdenum from trace to 37ppm Mo and gold from trace to 1,433ppb Au.

Disseminated, fine to medium grained chalcopyrite and fine-grained native copper occurs within foliated diorite commonly within proximity to veins. However very fine-grained disseminated chalcopyrite, malachite and azurite is found along micaceous foliation planes within weakly silicified, and chlorite-sericite altered diorite.

Disseminated mineralization within foliated granodiorite/diorite ranges from trace to 3,723.9ppm Cu; trace to 1,881ppb Ag; trace to 11.5ppm Mo and trace gold. Mineralization within felsic dikes range from trace to 3,770.7ppm Cu; trace to 2,931ppb Ag; trace to 12.3ppm Mo and trace to 65ppb Au.

7.2.2 Mineralization – Copperado-P66

The following is taken from the BC government Minfile website on the Copperado-P66 showing and is singled out since the current work is being carried out on and around this showing.

The area is situated at the southwestern margin of the Lower Jurassic Nicola Batholith. Locally, the intrusive rocks consist of gneissic hornblende-biotite granodiorite to quartz monzonite and exhibit widespread chloritization. A thin section of the sheared gneissic rock lacked plagioclase but showed a development of clinozoisite. Foliation strikes northwest with moderate to steep west dips. The granodiorite intrudes intermediate volcanoclastic rocks and sediments of the Upper Triassic Nicola Group. The contact strikes east. Aplite dikes occupy north-northwest-trending fracture sets that dip moderately to the east and west. A major fault striking 325 degrees and dipping 65 degrees west displaces the Nicola Group contact approximately 18.3 metres in a right-lateral sense.

Locally, narrow quartz veins and scattered stringers in a shear zone carry sparse copper mineralization. Chalcopyrite, bornite and minor pyrite occur as disseminations; malachite staining is also evident. The veins strike 325 degrees and dip 30 degrees east.

A 2006 drill program encountered quartz and quartz-feldspar veins hosting coarse disseminated stringers and clots of chalcopyrite, chalcocite and minor bornite, along with fine laths and clots of native copper. Disseminated native copper and minor chalcopyrite occur within foliated diorite surrounding the veins. Mineralization within the veins consists of quartz-feldspar dikes contain clots and stringers of chalcopyrite and chalcocite lining vugs. Assay results indicated that mineralization was sporadic with no continuation over significant lengths of core.

In 1977, a rock sample of chlorite-altered andesite from an area of trenching, located south of the P66 occurrence, yielded 0.123 per cent copper (Assessment Report 6264).

In 1992, a 0.6-metre chip sample (965) assayed 4.98 per cent copper, 74.3 grams per tonne silver and 0.53 gram per tonne gold (Assessment Report 22445).

The best result from the 2006 drill program was 6.5 grams per tonne silver and 0.57 per cent copper from drillhole COP06-03 (Assessment Report 28721, page 13). Drillhole COP06-01 yielded 3.04 metres averaging 0.26 per cent copper and 16 metres averaging 0.38 per cent copper; drillhole COP06-02 yielded 4 metres averaging 0.16 per cent copper (Assessment Report 28721, page 13).

In 2012, samples (35 through 40) from the West zone all yielded greater than 1 per cent copper with values of up to 64.9 grams per tonne silver and 1.08 grams per tonne gold (Sample 39; Assessment Report 33375). These samples were later re-assayed and yielded from 2.55 to 4.56 per cent copper (Assessment Report 35529).

In 2015, two samples (PC5 and PC6) from a historical trench yielded values of up to 0.40 per cent copper and 8.6 grams per tonne silver (Assessment Report 35848).

In 2018, a sample (PC-2018-05) from a historical trench exposing a 1.2-metre-wide mineralized quartz vein yielded 1.72 per cent copper, 65 grams per tonne silver and 1.17 grams per tonne gold (Assessment Report 38095).

7.2.3 Alteration

Moderate hydrothermal alteration is generally confined to envelopes around quartz veins or fault zones. The alteration envelope grades outward within a short distance into weakly propylitic to unaltered rock.

Weak to moderate potassic alteration is observed locally where potash feldspar halos have partially replaced plagioclase. Locally less than 1mm wide potash feldspar veinlets cut the rock. Weak to locally intense propylitic alteration is characterized by the development of chlorite, epidote+/-carbonate+/-sericite and is irregularly distributed throughout the diorite.

Generally, the eastern part of the property exhibits weak to locally moderate epidote alteration while the central part exhibits weak to no alteration. The western part of the property exhibits moderate to locally intense propylitic and sericite alteration.

7.2.4 Structure

The relationship between volcanic and sedimentary rocks is not well understood because of the limited exposure and heavy lichen-covered nature of the outcrops on the property. Rocks generally trend 355 to 30 degrees and dip 70 to 76 degrees to the west. All rock types are moderately fractured. The fracture density is higher in the areas of mineralization. The dominant fracture orientation in the sedimentary rocks is parallel to subparallel to bedding at 20 to 30 degrees and steeply dipping. Altered quartz masses and massive sulphide lenses are controlled by this fracture trend.

8 MMI SOIL SAMPLING

8.1 SAMPLING PROCEDURE

The work was carried out by a 2-man crew, under supervision of the writer, using UTM-based coordinates by using GPS hand-held instruments during the period of October 2nd to 17th, 2023. The MMI survey consisted of 80 samples that were picked up along 4 north-south lines with each being 500 meters in length for a total survey

length of 2,000 meters. The line spacing was 100 meters and a sampling interval of 25 meters.

The sampling procedure was to first remove the organic material from the sample site (A₀ layer) and then dig a pit over 25 cm deep with a shovel. Sample material was then scraped from the sides of the pit over the measured depth interval of 10 centimeters to 25 centimeters. About 250 grams of sample material were collected and then placed into a plastic Zip-loc sandwich bag with the sample location marked thereon. The 29 samples were then packaged and sent to SGS Minerals located at Production Way, Burnaby, BC.

8.2 ANALYTICAL METHODS

At SGS Minerals, the testing procedure begins with weighing 50 grams of the sample into a plastic vial fitted with a screw cap. Next is added 50 ml of the MMI-M solution to the sample, which is then placed in trays and put into a shaker for 20 minutes. (The MMI-M solution is a neutral mixture of reagents that are used to detach loosely bound ions of any of the 53 elements from the soil substrate and formulated to keep the ions in solution.) These are allowed to sit overnight and subsequently centrifuged for 10 minutes. The solution is then diluted 20 times for a total dilution factor of 200 times and then transferred into plastic test tubes, which are then analyzed on ICP-MS instruments.

Results from the instruments for the 53 elements are processed automatically, loaded into the LIMS (laboratory information management system which is computer software used by laboratories) where the quality control parameters are checked before final reporting.

8.3 COMPILATION OF DATA

The 2022 and 2023 MMI results, which are given in Appendix I, have been compiled together in order to give a more accurate value as to what the background is since the 2023 grid is almost entirely anomalous in copper and since the 2022 and 2023 grids are only 500 meters apart.

The MMI results have been reduced and displayed on 14 colour contour maps using Geosoft software and these have been labeled GC-1 to GC-14, respectively and are given in Appendix II. The first 13 maps, that is, GC-1 to GC-13, are for 13 elements, and these are silver, gold, cadmium, cerium, cobalt, copper, potassium, lithium, molybdenum, nickel, lead, uranium, and zinc. Most of these maps are of metals that are of moderate to strong exploration interest on the Peacock Property. Four of these maps are of metals that are created to assist in mapping/understanding the geology and these are potassium, cerium, nickel, and uranium. Cerium, besides indicating possible rare earth mineralization, can indicate acidic rock-types. Nickel, on the other hand, besides indicating possible nickel mineralization, which is not expected on this property, can indicate more basic rock-types. Uranium, which is not of exploration interest since exploration for it was banned in BC, is often

indicative of granitic-type intrusives. Potassium may indicate potassic alteration which often occurs within and around mineralization.

In addition, histograms were created of 11 of the metals which are shown in Appendix III. The purpose is to show the relative strength of a metal at one sample site to the next as well as to show the correlation between different metals. This was first done by calculating the mean background value for each metal, and this number was then divided into the reported value for that metal for each soil station to obtain a figure called the response ratio.

Two stacked histograms were then made of the response ratios for each of the 6 lines as shown on figures #H1A to #H6A as well as #H1B to #H6B, inclusive, for a total of 12. The first stacked histogram, which ends in 'A', includes copper, silver, gold, molybdenum; and cadmium, and the second one, which ends in 'B', includes lead, zinc, nickel, cobalt, cerium, and uranium.

The calculated background values in parts per billion (ppb) are as follows:

TABLE 2 - PEACOCK MMI BACKGROUND VALUES										
Ag	Au	Cd	Ce	Co	Cu	Mo	Ni	Pb	U	Zn
5.8	0.05	7.1	32.0	25.9	998	3.7	74	7.8	20.3	36.9

9 DISCUSSION OF RESULTS

The MMI soil sampling carried out to date on and around the Copperado-P66 showing within the Peacock Property has revealed some very strong anomalies, especially within the 2023 grid. For ease of discussion, these have been labelled by the upper case letters, A to C.

Anomaly A is by far the strongest MMI anomaly within the two grid areas and thus has the strongest exploration potential. The strong MMI values are due to copper with many of the values well above 10,000 ppb, which for MMI is considered very strong. The anomaly, as defined by the copper anomalous values, covers almost the entire 2023 grid, but gold and silver anomalous values cover almost the same area and therefore, anomaly A is defined as a copper-gold-silver anomaly. Anomaly A also contains anomalous values in molybdenum, cobalt, and cadmium.

The anomaly is 450 meters in a north-south direction and a minimum 300 meters in an east-west direction with it being widely open to the west. Lead and zinc anomalous results occur around the western perimeter of anomaly A, which is typical of some porphyry copper deposits. Anomalous lead and zinc values also occur within the eastern area of the 2022 grid which suggests the possibility of anomaly A extending up to an additional 400 meters toward the west so that the east-west dimension becomes a possible 700 meters.

Anomalous MMI iron values occur along the eastern and northern borders of A which could be due to a pyrite halo. Also, anomalous potassium values occur along the southern, eastern, and northern borders which may be due to potassic alteration which has been noted on the property and which occurs with porphyry copper deposits.

Anomaly B is first and foremost a very strong lithium anomaly but correlates also with cobalt, nickel, and potassium anomalies. It occurs within the western part of the 2022 grid which consists of only two east-west lines. It is assumed therefore that it strikes northerly and therefore has a minimum strike length of 100 meters and a width of 250 meters. Lithium mineralization often occurs within pegmatite dykes which are known to occur on the property. The anomalous potassium values could be due to potassic alteration.

Anomaly C is a rare earth anomaly that occurs within the northern part of anomaly A which is within the 2023 grid. It is best seen on the plan map for cerium, which is a light rare earth, but the 11 other rare earth elements within the MMI data are anomalous as well, though plan maps were not made for these 11. It strikes east-west with a minimum strike length of 300 meters being open to both east and west. Its width averages about 120 meters.

The cerium and nickel values suggest a possible lithologic contact on the 2022 grid. The higher cerium to the east suggests an acidic rock-type, perhaps dioritic intrusives as indicated by the geology map. The higher nickel values to the west suggest the underlying rock-type to be a more basic type, probably of the Nicola volcanics.

10 CONCLUSIONS

The MMI soil sampling has revealed very strong anomalies with the best one being anomaly A. It appears to be reflecting copper-gold-silver mineralization of significant size which is 450 meters in a north direction and a minimum 300 meters in a west direction where it is completely open. MMI iron, zinc, and lead anomalies suggest that the style of mineralization could be porphyry copper.

Anomaly B is a significant lithium anomaly and anomaly C is a significant rare earth anomaly.

11 RECOMMENDATIONS

The MMI soil sampling should be extended in all directions since all four anomalies are open in all directions. The priority is anomaly A to the west. Also, it would be desirable to extend the MMI grid far enough away from anomaly A in order to obtain a more accurate value for the background.

The MMI soil sampling should then be followed up with IP/resistivity surveying. Correlation of IP anomalies with MMI anomalies automatically become drill targets since IP anomalies are almost always caused by sulphides and the correlating MMI anomalies determine what the sulphides are.

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13 GEOSCIENTIST'S CERTIFICATE

I, DAVID G. MARK, of the community of Kaleden, in the Province of British Columbia, do hereby certify that:

I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

I am a Consulting Geophysicist of Geotronics Consulting Inc., with offices at 132 – Saddlehorn Drive, British Columbia.

I further certify that:

1. I am a graduate of the University of British Columbia (1968) and hold a B.Sc. degree in Geophysics.
2. I have been practicing my profession for the past 56 years and have been active in the mining industry for the past 59 years.
3. This report is compiled from data obtained from MMI soil sampling carried out by a 2-man crew of Geotronics Consulting within the Peacock Property October 02nd, to the 17th, 2023, under my direction.
4. I do not hold any interest within Lionheart Exploration Inc, not in any of its properties, nor do I expect to receive any interest as a result of writing this report.

David Mark

David G. Mark, P.Geo.
Geophysicist

April 30, 2024

14 AFFIDAVIT OF EXPENSES

MMI soil sampling was carried out within the Peacock Property, located 16 km northeast of the town of Merritt, B.C, during the period of October 02nd to 17th, 2023 to the value of the following:

FIELD:		
MMI, 2-man crew, 3 days @ \$2,500/day	\$7,500.00	\$7,500.00
LABORATORY:		
MMI soil analysis, 80 samples @ \$55/sample	\$4,400.00	\$4,400.00
DATA REDUCTION and REPORT:		
Senior Geoscientist, 20 hr @ \$120/hr	\$2,400.00	
Geo-technician with computer, 18 hr @ \$120/hr	\$2,160.00	
TOTAL	\$4,560.00	\$4,560.00
GRAND TOTAL		\$16,460.00
Administration costs @ 10%		\$1,646.00
GRAND TOTAL plus administration costs		\$18,106.00

Respectfully submitted,
Geotronics Consulting Inc.

David Mark

David G. Mark, P.Geo,
Geoscientist

April 30, 2024

15 APPENDIX I – MMI GEOCHEMISTRY DATA

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>		<u>Ag</u>	<u>Al</u>	<u>As</u>	<u>Au</u>	<u>Ba</u>	<u>Bi</u>	<u>Ca</u>	<u>Cd</u>	<u>Ce</u>	<u>Co</u>
		DETECTION>>		0.5	1	10	0.1	10	0.5	2	1	2	1
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
4000N-8500E	668500	5563994		7.7	52	<10	<0.1	6490	<0.5	597	15	200	61
4000N-8550E	668549	5563994		19.4	32	<10	<0.1	4310	<0.5	454	14	169	77
4000N-8600E	668590	5563995		18.6	43	<10	0.1	4540	<0.5	509	10	252	141
4000N-8650E	668648	5563997		31.7	6	<10	0.2	1680	<0.5	596	7	3	69
4000N-8700E	668697	5564001		23.7	6	<10	0.1	3220	<0.5	703	3	<2	26
4000N-8750E	668747	5564003		17	30	<10	<0.1	7100	<0.5	505	11	89	54
4000N-8800E	668801	5563997		8.7	37	<10	<0.1	3990	<0.5	509	8	85	65
4000N-8850E	668845	5564001		22.7	42	<10	0.1	3530	<0.5	423	8	291	73
4000N-8900E	668901	5563993		23.3	35	<10	<0.1	6780	<0.5	663	11	148	123
4000N-8950E	668947	5564001		16.6	32	<10	<0.1	9710	<0.5	784	9	174	150
4000N-9000E	669000	5563999		6.4	71	<10	<0.1	8420	<0.5	463	10	320	66
4000N-9050E	669052	5563995		6.9	66	<10	0.1	10700	<0.5	713	76	269	31
4000N-9100E	669100	5564000		10.1	37	<10	0.5	5830	<0.5	518	9	387	100
4000N-9150E	669148	5563995		13.5	32	<10	<0.1	5190	<0.5	580	12	272	100
4000N-9200E	669202	5563999		9.1	48	<10	<0.1	8950	<0.5	595	13	291	167
4100N-8550E	668552	5564080		12.3	18	<10	<0.1	2630	<0.5	305	18	72	151
4100N-8600E	668603	5564095		19.5	56	<10	0.1	3680	<0.5	284	7	583	116
4100N-8650E	668654	5564092		10.1	25	10	<0.1	2790	<0.5	282	15	66	89
4100N-8700E	668701	5564099		16.2	33	<10	0.2	3670	<0.5	452	13	189	135
4100N-8750E	668752	5564099		11.4	67	<10	<0.1	3170	<0.5	375	16	94	25
4100N-8800E	668800	5564100		3.7	81	<10	<0.1	2800	<0.5	371	13	359	184
4100N-8850E	668848	5564104		8.9	70	<10	<0.1	2240	<0.5	409	14	147	79
4100N-8900E	668903	5564101		26.1	57	<10	<0.1	3320	<0.5	477	11	223	79
4100N-8950E	668954	5564104		10.5	61	<10	<0.1	4090	<0.5	436	12	327	59
4100N-9000E	669005	5564104		6.1	56	<10	0.2	6670	<0.5	451	6	494	123
4100N-9050E	669050	5564107		7.1	76	10	<0.1	8620	<0.5	532	12	271	124
4100N-9100E	669100	5564104		16.5	22	<10	0.3	8850	<0.5	779	8	12	140
4100N-9150E	669151	5564107		13.3	46	<10	<0.1	5140	<0.5	568	25	193	104
4100N-9200E	669201	5564094		17	38	<10	0.1	7000	<0.5	450	10	295	79
69700E 3900N	669697	5563900		28.6	15	10	0.7	2390	<0.5	833	12	25	99
69700E 3925N	669696	5563924		34.5	58	<10	<0.1	2270	<0.5	607	20	175	79
69700E 3950N	669697	5563950		29.8	29	<10	0.1	3300	<0.5	714	18	105	101
69700E 3975N	669694	5563976		24.9	39	<10	0.3	2150	<0.5	525	17	78	33
69700E 4000N	669691	5563998		92.3	8	10	0.3	490	<0.5	795	14	<2	15
69700E 4025N	669699	5564025		151	31	<10	0.2	7330	<0.5	830	9	124	73
69700E 4050N	669703	5564049		147	7	<10	1.3	2030	<0.5	1027	18	16	58
69700E 4075N	669703	5564077		55.1	17	<10	1.5	2260	<0.5	790	28	20	138
69700E 4100N	669695	5564099		54.7	10	20	1.2	1380	<0.5	794	24	9	52
69700E 4125N	669697	5564126		44.5	45	<10	0.2	4860	<0.5	561	21	304	260
69700E 4150N	669704	5564151		19.8	12	<10	0.2	2200	<0.5	776	17	22	84
69700E 4175N	669692	5564177		36.7	14	<10	1.2	1290	<0.5	704	9	14	109
69700E 4200N	669695	5564201		255	9	<10	1.6	1910	<0.5	709	10	46	206
69700E 4225N	669697	5564225		32.1	18	<10	0.3	5710	<0.5	567	15	122	193
69700E 4250N	669696	5564248		71.8	29	<10	0.7	3950	<0.5	689	27	110	59

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>		<u>Cr</u>	<u>Cs</u>	<u>Cu</u>	<u>Dy</u>	<u>Er</u>	<u>Eu</u>	<u>Fe</u>	<u>Ga</u>	<u>Gd</u>
		DETECTION>>		100	0.2	10	0.5	0.2	0.2	1	0.5	0.5
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb
4000N-8500E	668500	5563994		<100	0.4	640	48.3	28.3	12.1	27	2.2	56.5
4000N-8550E	668549	5563994		<100	<0.2	1190	54.7	33.3	13.5	22	1.5	66.1
4000N-8600E	668590	5563995		<100	0.3	1560	72.6	46.2	17.9	17	1.5	87.1
4000N-8650E	668648	5563997		<100	0.3	2790	1.2	0.8	0.3	10	<0.5	1.3
4000N-8700E	668697	5564001		<100	0.5	5210	<0.5	<0.2	<0.2	16	<0.5	<0.5
4000N-8750E	668747	5564003		<100	0.5	1500	37.5	20.6	10.4	20	1	50.4
4000N-8800E	668801	5563997		<100	0.3	620	36.7	21.1	9.2	18	1.3	45
4000N-8850E	668845	5564001		<100	0.2	1490	61	34.7	17.6	38	2.1	80.1
4000N-8900E	668901	5563993		<100	<0.2	1740	73.3	42.5	16.5	24	1.3	84.5
4000N-8950E	668947	5564001		<100	<0.2	4000	64.9	38.1	16.5	28	1.1	76.8
4000N-9000E	669000	5563999		<100	0.2	480	40.6	23.2	10.8	42	1.8	46.8
4000N-9050E	669052	5563995		<100	0.5	400	28.2	16.6	8.6	48	2.4	34.4
4000N-9100E	669100	5564000		<100	<0.2	890	45.3	25	12	43	1.4	50.6
4000N-9150E	669148	5563995		<100	<0.2	1120	71.9	43.2	17.1	26	1.5	83.1
4000N-9200E	669202	5563999		<100	<0.2	1140	44.8	27.1	12.4	37	1.7	52.3
4100N-8550E	668552	5564080		<100	<0.2	2200	27.3	16.7	6.7	8	0.9	31.7
4100N-8600E	668603	5564095		<100	<0.2	750	89.3	49.1	22.9	40	2	101
4100N-8650E	668654	5564092		<100	<0.2	590	25	14.9	5.7	9	1.1	28.6
4100N-8700E	668701	5564099		<100	0.2	1730	63.8	37.8	16.5	16	1.4	77
4100N-8750E	668752	5564099		<100	0.3	1090	33.4	20.2	8.5	43	1.8	39.2
4100N-8800E	668800	5564100		<100	0.5	880	85.2	56.6	19.4	33	2.4	91.9
4100N-8850E	668848	5564104		<100	0.3	810	33.3	20.2	8.2	33	2.1	37.6
4100N-8900E	668903	5564101		<100	0.2	1620	70.9	42.5	16.9	38	1.9	84
4100N-8950E	668954	5564104		<100	0.3	940	55.5	33.4	15	40	2.6	69.6
4100N-9000E	669005	5564104		<100	<0.2	750	57	33.5	14.7	54	2.3	65.9
4100N-9050E	669050	5564107		<100	<0.2	1030	52.2	30.9	13.5	42	2	59
4100N-9100E	669100	5564104		<100	<0.2	1980	16.4	11.5	3.3	20	0.5	15.3
4100N-9150E	669151	5564107		<100	<0.2	1220	41.3	24	10.7	35	1.9	48.1
4100N-9200E	669201	5564094		<100	<0.2	1350	49.6	27.9	13.9	36	1.8	64.1
69700E 3900N	669697	5563900		<100	<0.2	29300	9.3	5.5	2.6	23	<0.5	10.6
69700E 3925N	669696	5563924		<100	<0.2	15100	30.9	20.5	9.1	35	2	34.2
69700E 3950N	669697	5563950		<100	<0.2	6390	26.2	16.4	7.3	23	1.2	31.8
69700E 3975N	669694	5563976		<100	<0.2	7550	30.7	16.7	8.3	32	1.8	37.2
69700E 4000N	669691	5563998		<100	0.6	38800	<0.5	0.4	<0.2	16	<0.5	<0.5
69700E 4025N	669699	5564025		<100	0.8	30100	51.3	30.8	15.1	28	1.5	64.6
69700E 4050N	669703	5564049		<100	0.4	63700	18	16.3	3.8	17	<0.5	14.5
69700E 4075N	669703	5564077		<100	<0.2	51600	7.1	5.4	2.1	21	0.7	7.9
69700E 4100N	669695	5564099		<100	<0.2	55100	5.4	4.3	1.4	16	<0.5	5.3
69700E 4125N	669697	5564126		<100	0.6	26800	26.4	15.3	8.3	30	2.1	31.4
69700E 4150N	669704	5564151		<100	1	42300	11.4	7.6	3.9	16	0.6	15.1
69700E 4175N	669692	5564177		<100	<0.2	49600	14.2	9.2	4.2	18	0.5	18.3
69700E 4200N	669695	5564201		<100	<0.2	51200	12.4	8.1	3.4	15	<0.5	13.3
69700E 4225N	669697	5564225		<100	0.3	20000	33.6	16.5	11.4	13	1.3	47.1
69700E 4250N	669696	5564248		<100	0.6	29100	27.3	19.1	8.5	17	1.7	33

MMI DATA
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		ANALYTE >>		<u>Hg</u>	<u>In</u>	<u>K</u>	<u>La</u>	<u>Li</u>	<u>Mg</u>	<u>Mn</u>	<u>Mo</u>	<u>Nb</u>	<u>Nd</u>
		DETECTION>>		1	0.1	0.5	1	1	0.5	100	2	0.5	1
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb
4000N-8500E	668500	5563994		<1	<0.1	43.8	83	8	127	16200	11	2	155
4000N-8550E	668549	5563994		<1	<0.1	156	84	13	186	13000	6	0.9	179
4000N-8600E	668590	5563995		<1	<0.1	91.2	124	77	283	11600	7	0.8	223
4000N-8650E	668648	5563997		<1	<0.1	144	<1	66	396	3800	16	<0.5	2
4000N-8700E	668697	5564001		<1	<0.1	158	<1	13	175	2400	11	<0.5	<1
4000N-8750E	668747	5564003		<1	<0.1	60	54	16	230	6300	8	0.8	132
4000N-8800E	668801	5563997		<1	<0.1	184	44	40	249	13600	24	<0.5	103
4000N-8850E	668845	5564001		<1	<0.1	85.8	145	18	89.7	9500	8	1.4	276
4000N-8900E	668901	5563993		<1	<0.1	83.4	87	16	194	11800	6	0.9	189
4000N-8950E	668947	5564001		<1	<0.1	57.9	69	11	202	7900	7	1.1	166
4000N-9000E	669000	5563999		<1	<0.1	38.7	106	10	108	10300	3	1.1	163
4000N-9050E	669052	5563995		<1	<0.1	72.7	73	4	105	23800	15	3.5	131
4000N-9100E	669100	5564000		<1	<0.1	44.8	126	5	163	6200	7	1.9	185
4000N-9150E	669148	5563995		<1	<0.1	85.3	98	9	170	9000	9	1.2	211
4000N-9200E	669202	5563999		<1	<0.1	49.5	100	8	195	17900	6	1.6	159
4100N-8550E	668552	5564080		<1	<0.1	196	35	59	603	11500	47	0.9	71
4100N-8600E	668603	5564095		<1	<0.1	45.3	238	12	236	8400	9	2	371
4100N-8650E	668654	5564092		<1	<0.1	234	36	28	454	13900	22	0.8	68
4100N-8700E	668701	5564099		<1	<0.1	141	90	51	256	17100	16	0.5	201
4100N-8750E	668752	5564099		<1	<0.1	88.3	52	4	105	9900	7	2	110
4100N-8800E	668800	5564100		<1	<0.1	66.4	141	45	156	21800	6	0.5	275
4100N-8850E	668848	5564104		<1	<0.1	103	56	7	85.9	10100	8	1.8	112
4100N-8900E	668903	5564101		<1	<0.1	86.3	123	17	139	9500	8	1.9	235
4100N-8950E	668954	5564104		<1	<0.1	92.4	128	17	65.3	10500	8	1.9	229
4100N-9000E	669005	5564104		<1	<0.1	43.8	153	8	115	8700	4	2.4	237
4100N-9050E	669050	5564107		<1	<0.1	157	114	8	123	20700	4	1.8	191
4100N-9100E	669100	5564104		<1	<0.1	171	5	7	143	8200	8	2.7	17
4100N-9150E	669151	5564107		<1	<0.1	86.7	80	7	108	15400	9	1.6	144
4100N-9200E	669201	5564094		<1	<0.1	118	139	6	112	9900	10	2.2	220
69700E 3900N	669697	5563900		<1	<0.1	72.7	7	3	61.5	6900	39	1.3	25
69700E 3925N	669696	5563924		<1	<0.1	103	69	6	89.9	20600	26	1.2	131
69700E 3950N	669697	5563950		<1	<0.1	209	43	6	75.7	19700	57	1.4	97
69700E 3975N	669694	5563976		<1	<0.1	207	54	2	102	5100	23	1.1	113
69700E 4000N	669691	5563998		<1	<0.1	183	<1	12	43.3	2400	64	<0.5	<1
69700E 4025N	669699	5564025		<1	<0.1	22.5	67	<1	60.1	6800	5	2	165
69700E 4050N	669703	5564049		<1	<0.1	51.6	10	<1	48.9	5600	11	<0.5	35
69700E 4075N	669703	5564077		<1	<0.1	133	9	<1	64	12900	40	1.3	25
69700E 4100N	669695	5564099		<1	<0.1	108	5	<1	46	7200	24	0.7	14
69700E 4125N	669697	5564126		<1	<0.1	46.8	102	4	60.7	22800	13	1.6	148
69700E 4150N	669704	5564151		<1	<0.1	76.9	20	1	85.7	12400	28	0.7	49
69700E 4175N	669692	5564177		<1	<0.1	97.5	12	<1	81.3	5500	9	<0.5	38
69700E 4200N	669695	5564201		<1	<0.1	56.6	19	3	44.1	6900	12	0.5	45
69700E 4225N	669697	5564225		<1	<0.1	57.3	73	4	107	14400	6	<0.5	158
69700E 4250N	669696	5564248		<1	<0.1	46.9	54	1	119	20500	11	<0.5	131

MMI DATA
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		ANALYTE >>			<u>Ni</u>	<u>P</u>	<u>Pb</u>	<u>Pd</u>	<u>Pr</u>	<u>Pt</u>	<u>Rb</u>	<u>Sb</u>	<u>Sc</u>	<u>Sm</u>	<u>Sn</u>
		DETECTION>>			5	0.1	5	1	0.5	0.1	1	0.5	5	1	1
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
4000N-8500E	668500	5563994		313	2.2	80	<1	30.9	<0.1	27	<0.5	41	43	<1	
4000N-8550E	668549	5563994		527	3.4	60	<1	34.2	<0.1	15	<0.5	37	50	<1	
4000N-8600E	668590	5563995		661	2.2	97	<1	43.4	<0.1	26	<0.5	32	64	<1	
4000N-8650E	668648	5563997		466	2.7	17	<1	<0.5	<0.1	44	<0.5	22	<1	<1	
4000N-8700E	668697	5564001		441	1.5	6	1	<0.5	<0.1	57	<0.5	14	<1	<1	
4000N-8750E	668747	5564003		248	1.9	42	<1	23.8	<0.1	52	<0.5	29	40	<1	
4000N-8800E	668801	5563997		506	4.2	52	<1	18.7	<0.1	76	<0.5	28	32	<1	
4000N-8850E	668845	5564001		399	3.8	49	<1	54.7	<0.1	32	<0.5	44	68	<1	
4000N-8900E	668901	5563993		526	2.2	60	<1	34.3	<0.1	28	<0.5	37	57	<1	
4000N-8950E	668947	5564001		383	1.4	63	<1	29.6	<0.1	12	<0.5	41	53	<1	
4000N-9000E	669000	5563999		219	2.5	71	<1	34.7	<0.1	40	<0.5	73	40	<1	
4000N-9050E	669052	5563995		471	3.3	20	<1	27.5	<0.1	103	<0.5	65	32	<1	
4000N-9100E	669100	5564000		165	1.8	57	<1	40	0.5	17	<0.5	61	44	<1	
4000N-9150E	669148	5563995		325	1.8	59	<1	40.3	<0.1	18	<0.5	36	59	<1	
4000N-9200E	669202	5563999		324	1.2	76	<1	34	<0.1	21	<0.5	71	42	<1	
4100N-8550E	668552	5564080		720	7.5	76	<1	13	<0.1	23	<0.5	20	22	<1	
4100N-8600E	668603	5564095		355	2.9	103	<1	80	<0.1	17	<0.5	93	91	<1	
4100N-8650E	668654	5564092		306	9	88	<1	13	<0.1	39	<0.5	29	21	<1	
4100N-8700E	668701	5564099		869	2.4	68	<1	37	<0.1	37	<0.5	26	59	<1	
4100N-8750E	668752	5564099		211	5.2	33	<1	21.2	<0.1	33	<0.5	43	30	<1	
4100N-8800E	668800	5564100		445	2.8	189	<1	55.7	<0.1	64	<0.5	59	74	<1	
4100N-8850E	668848	5564104		235	4.1	76	<1	22.5	<0.1	38	<0.5	49	31	<1	
4100N-8900E	668903	5564101		448	5.9	86	<1	46.8	<0.1	33	<0.5	54	64	<1	
4100N-8950E	668954	5564104		432	4.9	59	<1	48.4	<0.1	40	<0.5	55	60	<1	
4100N-9000E	669005	5564104		157	2.1	52	<1	51.8	<0.1	45	<0.5	91	58	<1	
4100N-9050E	669050	5564107		449	4.9	113	<1	40.9	<0.1	5	<0.5	69	50	<1	
4100N-9100E	669100	5564104		284	2.2	43	<1	2.9	<0.1	4	<0.5	22	7	<1	
4100N-9150E	669151	5564107		396	2.8	88	<1	28.6	<0.1	38	<0.5	46	38	<1	
4100N-9200E	669201	5564094		274	3	109	<1	45.9	<0.1	21	<0.5	43	53	<1	
69700E 3900N	669697	5563900		251	1.9	10	<1	3.9	<0.1	19	3.3	14	7	<1	
69700E 3925N	669696	5563924		573	0.8	46	<1	26.6	<0.1	138	1.8	56	30	<1	
69700E 3950N	669697	5563950		490	1.4	58	<1	18.1	<0.1	58	1.3	25	24	<1	
69700E 3975N	669694	5563976		270	4.3	24	<1	21.6	<0.1	54	1.2	31	29	<1	
69700E 4000N	669691	5563998		163	2.2	6	<1	<0.5	<0.1	76	1.3	13	<1	<1	
69700E 4025N	669699	5564025		77	0.8	58	<1	29.1	<0.1	52	1	20	48	<1	
69700E 4050N	669703	5564049		162	0.8	<5	<1	5.8	<0.1	13	1.2	22	10	<1	
69700E 4075N	669703	5564077		203	2.9	22	<1	4.2	<0.1	11	1	19	7	<1	
69700E 4100N	669695	5564099		133	2.5	12	<1	2.3	<0.1	5	0.9	20	4	<1	
69700E 4125N	669697	5564126		398	0.9	91	<1	34.5	<0.1	115	1	42	31	<1	
69700E 4150N	669704	5564151		272	0.9	18	<1	9.5	<0.1	121	0.8	24	12	<1	
69700E 4175N	669692	5564177		193	5	14	<1	5.4	<0.1	6	0.6	13	12	<1	
69700E 4200N	669695	5564201		213	0.9	10	<1	8.7	<0.1	7	0.8	13	11	<1	
69700E 4225N	669697	5564225		296	0.6	20	<1	28.5	<0.1	46	<0.5	17	42	<1	
69700E 4250N	669696	5564248		575	0.2	<5	<1	25.7	<0.1	78	0.7	22	30	<1	

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>		<u>Sr</u>	<u>Ta</u>	<u>Tb</u>	<u>Te</u>	<u>Th</u>	<u>Ti</u>	<u>Tl</u>	<u>U</u>	<u>W</u>	<u>Y</u>
		DETECTION>>		10	1	0.1	10	0.5	10	0.1	0.5	0.5	1
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
4000N-8500E	668500	5563994		2980	<1	8.7	10	22.3	40	0.2	31.2	1	256
4000N-8550E	668549	5563994		4590	<1	9.7	10	27.8	40	0.1	36.7	<0.5	294
4000N-8600E	668590	5563995		9390	<1	12.9	<10	59	50	0.1	28.5	<0.5	372
4000N-8650E	668648	5563997		15200	<1	0.2	<10	1.7	30	0.1	12.5	<0.5	7
4000N-8700E	668697	5564001		13100	<1	<0.1	<10	<0.5	20	<0.1	8.7	<0.5	2
4000N-8750E	668747	5564003		9560	<1	7	<10	25.4	40	0.1	36.4	<0.5	210
4000N-8800E	668801	5563997		7910	<1	6.3	<10	25.2	60	0.1	19.4	<0.5	183
4000N-8850E	668845	5564001		4310	<1	11.4	<10	47.3	50	0.1	30.3	<0.5	310
4000N-8900E	668901	5563993		5720	<1	12.3	<10	26.9	30	0.1	47.5	<0.5	405
4000N-8950E	668947	5564001		4270	<1	11.3	<10	25.1	20	<0.1	35.2	<0.5	370
4000N-9000E	669000	5563999		2630	<1	7.3	<10	24.9	30	0.1	17	<0.5	198
4000N-9050E	669052	5563995		3900	<1	5.5	<10	27.1	110	0.3	12.4	<0.5	145
4000N-9100E	669100	5564000		3030	<1	8.2	<10	30.9	30	0.2	29.7	<0.5	220
4000N-9150E	669148	5563995		2900	<1	12.6	<10	21.2	20	<0.1	36.6	<0.5	378
4000N-9200E	669202	5563999		3240	<1	7.8	<10	28.5	30	<0.1	27.6	<0.5	240
4100N-8550E	668552	5564080		11100	<1	4.7	<10	29.5	60	<0.1	51.6	<0.5	149
4100N-8600E	668603	5564095		3920	<1	15.9	<10	42.1	70	<0.1	87.1	<0.5	442
4100N-8650E	668654	5564092		9050	<1	4.6	<10	19.3	90	0.2	36.5	<0.5	132
4100N-8700E	668701	5564099		8720	<1	11.4	<10	53.7	30	0.2	25.8	<0.5	336
4100N-8750E	668752	5564099		5070	<1	5.7	<10	14.8	60	0.1	31.1	<0.5	194
4100N-8800E	668800	5564100		6000	<1	14.3	<10	42.9	70	0.2	51.1	<0.5	447
4100N-8850E	668848	5564104		3130	<1	5.9	<10	22.8	70	<0.1	33.6	<0.5	174
4100N-8900E	668903	5564101		3960	<1	12.3	<10	28.8	70	0.2	58.7	<0.5	389
4100N-8950E	668954	5564104		2870	<1	10.3	<10	39.5	120	0.1	36.5	<0.5	286
4100N-9000E	669005	5564104		2330	<1	10.2	<10	33.3	40	0.1	29.2	<0.5	301
4100N-9050E	669050	5564107		2690	<1	9	<10	27.3	70	<0.1	26.6	<0.5	274
4100N-9100E	669100	5564104		3320	<1	2.5	<10	4.4	30	<0.1	31.9	<0.5	87
4100N-9150E	669151	5564107		2460	<1	7.7	<10	22	40	<0.1	27.2	<0.5	225
4100N-9200E	669201	5564094		2080	<1	8.9	<10	37.3	40	0.2	38.2	<0.5	275
69700E 3900N	669697	5563900		2670	<1	1.5	<10	2.9	20	<0.1	91	<0.5	51
69700E 3925N	669696	5563924		2140	<1	5.5	<10	17.8	50	0.1	127	<0.5	189
69700E 3950N	669697	5563950		2490	<1	4.9	<10	21.5	40	0.2	85	<0.5	144
69700E 3975N	669694	5563976		1790	<1	5.6	<10	11.4	70	<0.1	16.7	<0.5	167
69700E 4000N	669691	5563998		2150	<1	<0.1	<10	<0.5	20	<0.1	9.2	<0.5	3
69700E 4025N	669699	5564025		4600	<1	9.3	<10	11.6	10	0.2	87.5	<0.5	325
69700E 4050N	669703	5564049		2960	<1	2.4	<10	10.3	<10	<0.1	68.8	<0.5	146
69700E 4075N	669703	5564077		2520	<1	1.2	<10	4.8	30	<0.1	67.5	0.6	46
69700E 4100N	669695	5564099		2300	<1	0.9	<10	2.5	30	<0.1	64.7	<0.5	42
69700E 4125N	669697	5564126		2540	<1	4.8	<10	48	40	0.1	34.7	<0.5	145
69700E 4150N	669704	5564151		2550	<1	1.9	<10	7	20	0.1	112	<0.5	88
69700E 4175N	669692	5564177		2610	<1	2.4	<10	3.7	30	<0.1	99.9	0.6	91
69700E 4200N	669695	5564201		3180	<1	2	<10	14.9	<10	<0.1	24.3	0.8	78
69700E 4225N	669697	5564225		3410	<1	6	<10	41.4	10	0.2	30.8	0.5	173
69700E 4250N	669696	5564248		3690	<1	4.7	<10	15.7	10	0.4	167	<0.5	163

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>		<u>Yb</u>	<u>Zn</u>	<u>Zr</u>
		DETECTION>>		0.2	10	2
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppb	ppb
4000N-8500E	668500	5563994		23.3	740	131
4000N-8550E	668549	5563994		26.9	550	125
4000N-8600E	668590	5563995		36.3	180	132
4000N-8650E	668648	5563997		0.7	50	19
4000N-8700E	668697	5564001		<0.2	40	9
4000N-8750E	668747	5564003		16	240	69
4000N-8800E	668801	5563997		17.5	300	46
4000N-8850E	668845	5564001		28.1	180	127
4000N-8900E	668901	5563993		35	250	80
4000N-8950E	668947	5564001		31.6	160	92
4000N-9000E	669000	5563999		20.5	930	154
4000N-9050E	669052	5563995		14.6	7480	168
4000N-9100E	669100	5564000		20.6	260	175
4000N-9150E	669148	5563995		35.5	390	114
4000N-9200E	669202	5563999		23.2	460	160
4100N-8550E	668552	5564080		13.7	480	67
4100N-8600E	668603	5564095		41.9	450	278
4100N-8650E	668654	5564092		12.7	1300	91
4100N-8700E	668701	5564099		29.5	80	65
4100N-8750E	668752	5564099		17	930	116
4100N-8800E	668800	5564100		53.2	510	209
4100N-8850E	668848	5564104		17.9	690	178
4100N-8900E	668903	5564101		35.7	610	172
4100N-8950E	668954	5564104		28.2	420	197
4100N-9000E	669005	5564104		29.3	340	272
4100N-9050E	669050	5564107		27.7	700	214
4100N-9100E	669100	5564104		10.4	100	72
4100N-9150E	669151	5564107		20.8	510	161
4100N-9200E	669201	5564094		22.7	300	179
69700E 3900N	669697	5563900		4.5	40	35
69700E 3925N	669696	5563924		17.9	510	78
69700E 3950N	669697	5563950		12.6	270	93
69700E 3975N	669694	5563976		13.6	270	70
69700E 4000N	669691	5563998		0.4	10	6
69700E 4025N	669699	5564025		26.4	70	71
69700E 4050N	669703	5564049		16.8	20	29
69700E 4075N	669703	5564077		5.2	70	41
69700E 4100N	669695	5564099		4.6	70	31
69700E 4125N	669697	5564126		13	190	160
69700E 4150N	669704	5564151		7.2	60	22
69700E 4175N	669692	5564177		7.7	80	34
69700E 4200N	669695	5564201		7.3	<10	43
69700E 4225N	669697	5564225		12.6	60	44
69700E 4250N	669696	5564248		18.4	250	115

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>		<u>Ag</u>	<u>Al</u>	<u>As</u>	<u>Au</u>	<u>Ba</u>	<u>Bi</u>	<u>Ca</u>	<u>Cd</u>	<u>Ce</u>	<u>Co</u>
		DETECTION>>		0.5	1	10	0.1	10	0.5	2	1	2	1
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
69700E 4275N	669695	5564276		69.3	39	10	2	2360	<0.5	732	8	153	101
69700E 4300N	669696	5564299		26.3	32	<10	1.3	3290	<0.5	1023	9	266	124
69700E 4325N	669698	5564327		46.9	19	<10	0.2	4200	<0.5	664	15	37	77
69700E 4350N	669700	5564348		11.8	52	<10	<0.1	1850	<0.5	455	17	49	23
69700E 4375N	669695	5564374		6.7	69	<10	<0.1	2640	<0.5	326	9	377	56
69800E 3900N	669806	5563902		38.5	21	<10	0.2	4620	<0.5	679	32	54	60
69800E 3925N	669803	5563927		15.5	56	<10	<0.1	2020	<0.5	721	29	123	81
69800E 3950N	669799	5563949		165	21	<10	1.7	2410	<0.5	694	24	34	70
69800E 3975N	669811	5563973		41	25	<10	0.2	8230	<0.5	508	10	170	113
69800E 4000N	669801	5564002		48.9	13	<10	0.7	3060	<0.5	685	24	56	110
69800E 4025N	669798	5564026		438	110	<10	5.4	2300	<0.5	329	21	35	11
69800E 4050N	669800	5564050		39.5	47	<10	0.8	2820	<0.5	555	15	34	36
69800E 4075N	669798	5564075		28.8	45	<10	<0.1	5770	<0.5	549	16	259	80
69800E 4100N	669800	5564101		41.8	29	<10	0.3	1930	<0.5	789	43	86	100
69800E 4125N	669805	5564126		109	11	<10	1.2	3010	<0.5	890	22	31	110
69800E 4150N	669804	5564151		36.5	30	<10	1	2590	<0.5	928	29	95	119
69800E 4175N	669795	5564175		21.7	17	<10	0.2	3950	<0.5	570	22	88	99
69800E 4200N	669794	5564201		13.8	60	<10	<0.1	1840	<0.5	485	19	132	25
69800E 4225N	669797	5564227		14.7	57	<10	0.1	5180	<0.5	440	13	108	37
69800E 4250N	669799	5564251		23.9	197	<10	<0.1	840	<0.5	276	31	33	78
69800E 4275N	669796	5564273		6.2	74	10	0.7	3640	<0.5	571	25	581	333
69800E 4300N	669803	5564301		12.6	47	<10	1.9	2340	<0.5	749	11	158	73
69800E 4325N	669803	5564325		21.6	77	10	0.3	1710	<0.5	481	8	630	50
69800E 4350N	669803	5564352		13.2	33	<10	0.1	3130	<0.5	386	5	1570	216
69800E 4375N	669801	5564375		6.9	27	<10	<0.1	1480	<0.5	304	6	1490	50
69900E 3900N	669896	5563895		12.6	45	<10	0.1	2350	<0.5	571	23	175	92
69900E 3925N	669896	5563926		19.1	42	<10	0.2	3000	<0.5	447	24	205	107
69900E 3950N	669905	5563950		16.9	77	<10	<0.1	1540	<0.5	664	36	84	112
69900E 3975N	669899	5563974		124	36	<10	0.3	5240	<0.5	616	25	169	100
69900E 4000N	669898	5563999		51.6	72	<10	0.2	2520	<0.5	486	11	268	22
69900E 4025N	669900	5564025		37.6	79	<10	0.3	2590	<0.5	478	10	276	34
69900E 4050N	669903	5564051		36	41	<10	0.2	5080	<0.5	616	28	129	69
69900E 4075N	669906	5564074		45.5	36	<10	0.7	3850	<0.5	751	25	148	49
69900E 4100N	669908	5564096		37.3	134	<10	0.1	4050	<0.5	374	20	299	82
69900E 4125N	669903	5564127		77.2	193	<10	0.7	1360	<0.5	92	13	148	22
69900E 4150N	669897	5564150		64.5	16	<10	0.7	2140	<0.5	1042	57	58	91
69900E 4175N	669900	5564174		18.1	72	<10	<0.1	4240	<0.5	597	31	96	86
69900E 4200N	669896	5564201		7.7	120	<10	0.2	3870	<0.5	521	34	220	244
69900E 4225N	669908	5564231		2.6	79	<10	0.2	1950	<0.5	624	18	904	191
69900E 4250N	669891	5564248		18.9	69	<10	0.1	970	2	256	4	343	46
69900E 4275N	669901	5564274		14.5	63	<10	0.4	3570	<0.5	657	28	1600	81
69900E 4300N	669897	5564298		13.3	48	<10	3.8	2300	<0.5	810	8	1050	64
69900E 4325N	669895	5564325		6.8	39	<10	0.6	1090	<0.5	464	9	1780	128
69900E 4350N	669901	5564349		4.1	102	<10	0.3	2150	<0.5	602	13	1060	248

MMI DATA
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		ANALYTE >>		<u>Cr</u>	<u>Cs</u>	<u>Cu</u>	<u>Dy</u>	<u>Er</u>	<u>Eu</u>	<u>Fe</u>	<u>Ga</u>	<u>Gd</u>
		DETECTION>>		100	0.2	10	0.5	0.2	0.2	1	0.5	0.5
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb
69700E 4275N	669695	5564276		<100	0.5	74000	97.7	88.8	21.4	25	2.2	82.5
69700E 4300N	669696	5564299		<100	<0.2	33600	128	111	34.7	21	2.5	150
69700E 4325N	669698	5564327		<100	<0.2	13500	14.5	7.5	4.5	18	1	19.7
69700E 4350N	669700	5564348		<100	1.4	1060	8.9	4.8	2.5	22	1.7	11
69700E 4375N	669695	5564374		<100	0.8	640	23.3	12	7.2	44	3.4	29.3
69800E 3900N	669806	5563902		<100	0.8	37100	19.4	11.7	6.1	16	1.2	25.7
69800E 3925N	669803	5563927		<100	0.4	12200	20.3	11.9	6.5	31	1.8	26.3
69800E 3950N	669799	5563949		<100	0.2	55600	17.4	14.4	5.3	21	1.4	20.2
69800E 3975N	669811	5563973		<100	0.3	27000	32.7	17.8	11.8	19	1.8	46.8
69800E 4000N	669801	5564002		<100	0.3	51900	12.5	9.6	3.3	15	1	11.9
69800E 4025N	669798	5564026		<100	6.3	140000	14.5	11.1	3.8	41	4.1	13.9
69800E 4050N	669800	5564050		<100	2.3	84000	11.4	11.4	2.1	19	2.3	8.4
69800E 4075N	669798	5564075		<100	0.4	18000	45.7	27.9	14.3	23	2.6	59.6
69800E 4100N	669800	5564101		<100	0.6	45700	14	10	5.1	26	1.7	19.7
69800E 4125N	669805	5564126		<100	0.2	50000	16.8	10.9	5	16	0.9	21.8
69800E 4150N	669804	5564151		<100	<0.2	39800	37.7	32.4	10.4	20	1.3	40.2
69800E 4175N	669795	5564175		<100	0.2	21800	22.6	11.7	8.3	21	1.6	32.1
69800E 4200N	669794	5564201		<100	0.3	17400	28.8	14.7	11.4	23	4	41.1
69800E 4225N	669797	5564227		<100	1.1	12200	34.3	19.6	9.6	25	4.6	40.8
69800E 4250N	669799	5564251		<100	4.8	28200	11.5	9	2.3	76	7.6	8.3
69800E 4275N	669796	5564273		<100	0.4	37100	113	81.3	35.6	30	4.4	142
69800E 4300N	669803	5564301		<100	4.7	88500	84	85.1	16.1	37	1.9	69.5
69800E 4325N	669803	5564325		<100	0.3	83600	89.5	60.1	26.3	45	5.2	106
69800E 4350N	669803	5564352		<100	0.4	7930	119	60.5	38.9	37	6.9	159
69800E 4375N	669801	5564375		<100	0.3	3830	77.8	40.7	27.4	34	6.4	118
69900E 3900N	669896	5563895		<100	0.3	9230	28	15.8	8.2	28	2.2	37.1
69900E 3925N	669896	5563926		<100	0.3	13300	39.4	21	11.7	23	3	47.6
69900E 3950N	669905	5563950		<100	0.8	21700	15.2	10.3	4.5	26	2.2	18.3
69900E 3975N	669899	5563974		<100	0.4	20200	34.5	18.6	11.4	21	2.3	44.9
69900E 4000N	669898	5563999		<100	1.9	28200	105	55.8	40.8	32	6.9	154
69900E 4025N	669900	5564025		<100	2	28800	114	64.4	42	36	6.9	162
69900E 4050N	669903	5564051		<100	0.3	17400	32.5	18.2	11	27	2.6	44.2
69900E 4075N	669906	5564074		<100	1	60500	33.7	25.3	8.5	26	3	33.4
69900E 4100N	669908	5564096		<100	3	16700	37.6	19.9	9.7	45	4.3	42.5
69900E 4125N	669903	5564127		<100	9.6	116000	30.3	18.2	7.7	81	8.8	28.4
69900E 4150N	669897	5564150		<100	1.1	74500	12	9.6	3.5	19	1.5	13.6
69900E 4175N	669900	5564174		<100	4.2	36200	7.8	4	2.8	34	2.7	10
69900E 4200N	669896	5564201		<100	2.1	37900	43.2	28.7	12.3	93	3.6	48.5
69900E 4225N	669908	5564231		<100	1.3	24600	233	174	67.3	57	7.7	307
69900E 4250N	669891	5564248		<100	1	27000	30.1	15.4	10.4	54	4.6	44
69900E 4275N	669901	5564274		<100	0.8	25200	268	188	83.9	25	9.3	348
69900E 4300N	669897	5564298		<100	0.5	28300	151	92.8	45.3	28	5.3	179
69900E 4325N	669895	5564325		<100	0.3	17000	265	135	84.6	23	8.6	389
69900E 4350N	669901	5564349		<100	<0.2	14400	133	89.3	30.3	48	4.5	145

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>		<u>Hg</u>	<u>In</u>	<u>K</u>	<u>La</u>	<u>Li</u>	<u>Mg</u>	<u>Mn</u>	<u>Mo</u>	<u>Nb</u>	<u>Nd</u>
		DETECTION>>		1	0.1	0.5	1	1	0.5	100	2	0.5	1
Sample ID.	Easting	Northing	UNITS>>	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb
69700E 4275N	669695	5564276		<1	<0.1	49.1	129	13	169	15700	19	<0.5	313
69700E 4300N	669696	5564299		<1	<0.1	58.9	168	10	242	13400	12	<0.5	508
69700E 4325N	669698	5564327		<1	<0.1	59.6	25	<1	67	6000	9	0.7	57
69700E 4350N	669700	5564348		<1	<0.1	313	24	2	69.9	7200	16	1.4	39
69700E 4375N	669695	5564374		<1	<0.1	41.9	103	9	45.4	9200	6	2	134
69800E 3900N	669806	5563902		<1	<0.1	62	36	<1	40.7	13200	9	1.2	84
69800E 3925N	669803	5563927		<1	<0.1	105	61	<1	50	21900	20	2.1	102
69800E 3950N	669799	5563949		<1	<0.1	121	23	<1	52.8	14400	24	1	65
69800E 3975N	669811	5563973		<1	<0.1	73.9	120	4	73.8	12300	15	1	213
69800E 4000N	669801	5564002		<1	<0.1	74.3	21	2	51.9	18600	9	1.2	47
69800E 4025N	669798	5564026		<1	<0.1	83.7	24	<1	43	7900	6	0.9	59
69800E 4050N	669800	5564050		<1	<0.1	45.9	12	<1	37.9	15800	7	0.8	28
69800E 4075N	669798	5564075		<1	<0.1	49.2	130	2	87.5	14400	14	0.9	237
69800E 4100N	669800	5564101		<1	<0.1	42.7	43	1	34.8	16800	16	2	89
69800E 4125N	669805	5564126		<1	<0.1	35.6	27	3	26.5	10600	5	1	66
69800E 4150N	669804	5564151		<1	<0.1	289	53	8	125	17000	7	0.8	154
69800E 4175N	669795	5564175		<1	<0.1	77.1	53	<1	64	13800	9	0.9	118
69800E 4200N	669794	5564201		<1	<0.1	48.7	67	<1	26.7	4400	4	<0.5	143
69800E 4225N	669797	5564227		<1	<0.1	60.1	81	<1	29.5	4300	3	<0.5	150
69800E 4250N	669799	5564251		<1	<0.1	53.9	11	<1	28	6500	<2	0.8	24
69800E 4275N	669796	5564273		2	0.1	169	320	19	160	31300	6	0.7	593
69800E 4300N	669803	5564301		<1	<0.1	59.1	77	22	167	27900	3	<0.5	225
69800E 4325N	669803	5564325		<1	<0.1	86.6	301	5	78.3	8600	7	1.3	515
69800E 4350N	669803	5564352		<1	<0.1	35.6	494	7	36.3	4200	2	1.4	754
69800E 4375N	669801	5564375		<1	<0.1	50.9	434	2	47.2	4900	5	1.9	677
69900E 3900N	669896	5563895		<1	<0.1	162	72	1	63	13000	31	2.3	133
69900E 3925N	669896	5563926		<1	<0.1	319	98	4	102	21100	20	1.2	187
69900E 3950N	669905	5563950		<1	<0.1	99.5	46	2	44.9	26700	13	1.2	75
69900E 3975N	669899	5563974		<1	<0.1	109	92	2	58.9	15400	9	1.8	180
69900E 4000N	669898	5563999		<1	<0.1	42	406	<1	25	1800	3	0.9	692
69900E 4025N	669900	5564025		<1	<0.1	39.5	435	<1	24.4	2800	4	1.2	701
69900E 4050N	669903	5564051		<1	<0.1	56.1	89	<1	66.2	15900	10	1.1	168
69900E 4075N	669906	5564074		<1	<0.1	50.3	87	<1	28	23000	28	1.7	159
69900E 4100N	669908	5564096		<1	<0.1	70.4	117	<1	33.2	7300	5	2.1	170
69900E 4125N	669903	5564127		<1	0.1	42.1	73	4	6.3	5300	2	2.7	111
69900E 4150N	669897	5564150		<1	<0.1	47.7	18	3	20.5	15700	7	1.9	43
69900E 4175N	669900	5564174		<1	<0.1	112	30	1	49.4	21600	9	1.5	43
69900E 4200N	669896	5564201		<1	<0.1	62.3	107	6	82.2	45900	6	3.2	184
69900E 4225N	669908	5564231		<1	<0.1	54.3	608	8	145	32300	11	0.7	1380
69900E 4250N	669891	5564248		<1	<0.1	34.2	140	2	35.7	800	5	2.1	208
69900E 4275N	669901	5564274		<1	<0.1	45.3	639	15	134	28200	4	<0.5	1460
69900E 4300N	669897	5564298		<1	<0.1	56	401	10	202	14800	6	<0.5	775
69900E 4325N	669895	5564325		<1	<0.1	60.8	464	7	91.6	14100	7	<0.5	1250
69900E 4350N	669901	5564349		<1	<0.1	151	275	10	136	16500	9	0.6	495

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		ANALYTE >>		<u>Ni</u>	<u>P</u>	<u>Pb</u>	<u>Pd</u>	<u>Pr</u>	<u>Pt</u>	<u>Rb</u>	<u>Sb</u>	<u>Sc</u>	<u>Sm</u>	<u>Sn</u>
		DETECTION>>		5	0.1	5	1	0.5	0.1	1	0.5	5	1	1
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
69700E 4275N	669695	5564276		481	0.2	<5	<1	63.7	<0.1	57	0.5	63	77	<1
69700E 4300N	669696	5564299		907	0.3	<5	<1	90.2	<0.1	31	0.5	29	132	<1
69700E 4325N	669698	5564327		166	0.3	39	<1	10.6	<0.1	31	<0.5	11	16	<1
69700E 4350N	669700	5564348		124	10.7	82	<1	8.4	<0.1	168	<0.5	54	10	<1
69700E 4375N	669695	5564374		190	3.8	91	<1	31.5	<0.1	116	<0.5	49	29	<1
69800E 3900N	669806	5563902		122	0.7	10	<1	15	<0.1	60	<0.5	13	22	<1
69800E 3925N	669803	5563927		197	1.3	69	<1	21.9	<0.1	68	0.6	48	24	<1
69800E 3950N	669799	5563949		228	3.7	7	<1	10.8	<0.1	19	0.6	22	16	<1
69800E 3975N	669811	5563973		128	0.5	38	<1	41.2	<0.1	60	<0.5	16	46	<1
69800E 4000N	669801	5564002		261	0.6	8	<1	9.7	<0.1	42	<0.5	20	10	<1
69800E 4025N	669798	5564026		39	1.7	<5	<1	12	<0.1	116	<0.5	32	13	<1
69800E 4050N	669800	5564050		56	0.6	5	<1	5.5	<0.1	73	<0.5	27	6	<1
69800E 4075N	669798	5564075		193	0.4	35	<1	46.7	<0.1	29	<0.5	21	52	<1
69800E 4100N	669800	5564101		198	0.7	16	<1	18.2	<0.1	95	<0.5	21	18	<1
69800E 4125N	669805	5564126		202	0.6	12	<1	11.6	<0.1	24	<0.5	13	18	<1
69800E 4150N	669804	5564151		573	1.7	13	<1	29.2	<0.1	32	<0.5	36	38	<1
69800E 4175N	669795	5564175		218	0.6	14	<1	22.8	<0.1	54	<0.5	15	30	<1
69800E 4200N	669794	5564201		77	0.8	15	<1	28.3	<0.1	57	<0.5	10	37	<1
69800E 4225N	669797	5564227		51	0.4	26	<1	31.2	<0.1	150	<0.5	20	36	<1
69800E 4250N	669799	5564251		61	1.7	30	<1	5.1	<0.1	204	<0.5	43	6	<1
69800E 4275N	669796	5564273		529	1	59	<1	135	<0.1	110	0.6	55	139	<1
69800E 4300N	669803	5564301		158	0.5	<5	<1	41.8	<0.1	53	<0.5	126	61	<1
69800E 4325N	669803	5564325		238	1.1	<5	<1	111	<0.1	26	<0.5	84	109	<1
69800E 4350N	669803	5564352		331	3.3	143	<1	168	<0.1	50	<0.5	48	162	<1
69800E 4375N	669801	5564375		172	3.3	40	<1	152	<0.1	29	<0.5	32	138	<1
69900E 3900N	669896	5563895		215	2.3	100	<1	26.5	<0.1	128	<0.5	37	34	<1
69900E 3925N	669896	5563926		455	3	62	<1	40.5	<0.1	111	<0.5	30	45	<1
69900E 3950N	669905	5563950		221	1.5	56	<1	16.9	<0.1	92	<0.5	80	17	<1
69900E 3975N	669899	5563974		292	1.5	41	<1	38.3	<0.1	87	<0.5	17	43	<1
69900E 4000N	669898	5563999		39	1.3	24	<1	142	<0.1	70	<0.5	28	158	<1
69900E 4025N	669900	5564025		47	1.5	33	<1	154	<0.1	74	<0.5	34	157	<1
69900E 4050N	669903	5564051		169	0.6	25	<1	36.8	<0.1	72	<0.5	15	41	<1
69900E 4075N	669906	5564074		130	0.5	<5	<1	34.9	<0.1	95	<0.5	59	35	<1
69900E 4100N	669908	5564096		75	2.3	166	<1	38.4	<0.1	194	<0.5	42	40	<1
69900E 4125N	669903	5564127		25	3.6	14	<1	27	<0.1	182	1	73	29	<1
69900E 4150N	669897	5564150		180	0.8	13	<1	8.5	<0.1	98	0.8	32	11	<1
69900E 4175N	669900	5564174		148	2.5	59	<1	10.2	<0.1	210	0.7	63	10	<1
69900E 4200N	669896	5564201		174	1.3	57	<1	40.5	<0.1	142	0.8	101	46	<1
69900E 4225N	669908	5564231		553	0.8	40	<1	281	<0.1	104	0.9	137	340	<1
69900E 4250N	669891	5564248		54	5.2	83	<1	45	<0.1	60	0.8	44	47	<1
69900E 4275N	669901	5564274		966	0.3	24	<1	306	<0.1	67	0.8	79	372	<1
69900E 4300N	669897	5564298		887	0.4	5	<1	185	<0.1	43	0.9	69	202	<1
69900E 4325N	669895	5564325		471	0.6	34	<1	256	<0.1	44	0.8	55	399	<1
69900E 4350N	669901	5564349		613	0.8	257	<1	110	<0.1	28	0.9	115	146	<1

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>		<u>Sr</u>	<u>Ta</u>	<u>Tb</u>	<u>Te</u>	<u>Th</u>	<u>Ti</u>	<u>Tl</u>	<u>U</u>	<u>W</u>	<u>Y</u>
		DETECTION>>		10	1	0.1	10	0.5	10	0.1	0.5	0.5	1
Sample ID.	Easting	Northing	UNITS>>	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
69700E 4275N	669695	5564276		3770	<1	13.9	<10	23.7	10	0.2	607	0.6	764
69700E 4300N	669696	5564299		5530	<1	20.8	<10	33.6	10	0.1	875	1.1	957
69700E 4325N	669698	5564327		2660	<1	2.6	<10	18.3	20	<0.1	37.3	<0.5	83
69700E 4350N	669700	5564348		1970	<1	1.7	<10	12.9	160	<0.1	9.3	<0.5	44
69700E 4375N	669695	5564374		1630	<1	4.2	<10	45.8	140	0.2	10.8	<0.5	108
69800E 3900N	669806	5563902		2440	<1	3.5	<10	16.6	20	0.3	43.5	<0.5	123
69800E 3925N	669803	5563927		2340	<1	3.6	<10	19.6	60	0.2	113	<0.5	117
69800E 3950N	669799	5563949		2780	<1	2.8	<10	10.9	30	0.1	70.4	2.1	131
69800E 3975N	669811	5563973		2660	<1	6.3	<10	42.5	20	0.3	39.1	0.5	177
69800E 4000N	669801	5564002		2510	<1	1.9	<10	21.3	20	<0.1	41.6	<0.5	95
69800E 4025N	669798	5564026		1490	<1	2.4	<10	5.6	40	0.4	97.3	<0.5	98
69800E 4050N	669800	5564050		2520	<1	1.6	<10	7	20	0.2	56.4	<0.5	105
69800E 4075N	669798	5564075		2810	<1	8.6	<10	28.3	30	0.2	71.7	<0.5	244
69800E 4100N	669800	5564101		2260	<1	2.6	<10	23.1	30	0.3	93.7	<0.5	89
69800E 4125N	669805	5564126		2700	<1	2.8	<10	14.6	20	<0.1	25.5	<0.5	113
69800E 4150N	669804	5564151		3490	<1	5.9	<10	28.8	30	0.1	223	<0.5	300
69800E 4175N	669795	5564175		2420	<1	4	<10	27.2	30	0.1	77.8	<0.5	122
69800E 4200N	669794	5564201		1450	<1	5.4	<10	11.9	30	0.2	46.4	<0.5	165
69800E 4225N	669797	5564227		2010	<1	6	<10	13.4	20	0.3	40.8	<0.5	186
69800E 4250N	669799	5564251		1140	<1	1.6	<10	10.8	140	0.2	21.2	<0.5	73
69800E 4275N	669796	5564273		3080	<1	19.2	<10	47.6	50	0.4	244	1.1	800
69800E 4300N	669803	5564301		4060	<1	12.5	<10	37.7	30	0.3	915	0.5	604
69800E 4325N	669803	5564325		2410	<1	15.6	<10	35.7	50	0.2	529	<0.5	560
69800E 4350N	669803	5564352		2840	<1	22.7	<10	134	90	0.1	150	0.5	569
69800E 4375N	669801	5564375		1790	<1	16.4	<10	97.5	130	<0.1	124	<0.5	372
69900E 3900N	669896	5563895		1980	<1	5.1	<10	26.9	70	0.1	76.3	<0.5	153
69900E 3925N	669896	5563926		1490	<1	6.6	<10	44.8	80	0.2	53.3	<0.5	190
69900E 3950N	669905	5563950		1880	<1	2.5	<10	17.9	80	0.1	123	<0.5	111
69900E 3975N	669899	5563974		3140	<1	6.2	<10	38.3	30	0.4	73.5	<0.5	172
69900E 4000N	669898	5563999		2270	<1	19.2	<10	11.3	30	0.2	123	<0.5	604
69900E 4025N	669900	5564025		2270	<1	20.8	<10	15.8	50	0.2	142	<0.5	664
69900E 4050N	669903	5564051		2540	<1	5.8	<10	25.6	30	0.2	58.8	<0.5	183
69900E 4075N	669906	5564074		2320	<1	5.3	<10	29.9	20	0.4	195	<0.5	253
69900E 4100N	669908	5564096		2070	<1	6.3	<10	24.9	130	0.3	52.2	<0.5	201
69900E 4125N	669903	5564127		480	<1	4.4	<10	29	470	0.3	81.8	0.7	181
69900E 4150N	669897	5564150		2600	<1	1.8	<10	17.1	20	0.2	24.2	0.5	128
69900E 4175N	669900	5564174		1940	<1	1.3	<10	12.1	60	0.3	15.3	<0.5	49
69900E 4200N	669896	5564201		2270	<1	6.8	<10	38.2	150	0.4	181	0.6	306
69900E 4225N	669908	5564231		3020	<1	41.9	<10	57.1	40	0.4	558	1.8	1500
69900E 4250N	669891	5564248		1100	<1	5.4	<10	55.1	290	<0.1	46.9	0.8	173
69900E 4275N	669901	5564274		3790	<1	46.9	<10	47.9	10	0.3	516	1.7	1680
69900E 4300N	669897	5564298		4430	<1	24	<10	40.7	<10	0.1	943	0.9	842
69900E 4325N	669895	5564325		2300	<1	45.7	<10	167	30	0.1	610	1	1340
69900E 4350N	669901	5564349		3890	<1	20.6	<10	85.9	30	<0.1	359	0.7	769

MMI DATA
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		ANALYTE >>		<u>Yb</u>	<u>Zn</u>	<u>Zr</u>
		DETECTION>>		0.2	10	2
Sample ID.	Easting	Northing	UNITS>>	ppb	ppb	ppb
69700E 4275N	669695	5564276		102	20	281
69700E 4300N	669696	5564299		119	40	202
69700E 4325N	669698	5564327		5.7	50	36
69700E 4350N	669700	5564348		3.6	110	51
69700E 4375N	669695	5564374		9.9	570	119
69800E 3900N	669806	5563902		11.1	60	35
69800E 3925N	669803	5563927		10.8	70	61
69800E 3950N	669799	5563949		14.4	90	57
69800E 3975N	669811	5563973		14.1	30	77
69800E 4000N	669801	5564002		10.5	60	58
69800E 4025N	669798	5564026		11.1	40	74
69800E 4050N	669800	5564050		13.2	100	63
69800E 4075N	669798	5564075		21.9	70	83
69800E 4100N	669800	5564101		9	20	73
69800E 4125N	669805	5564126		10	10	39
69800E 4150N	669804	5564151		36.2	50	103
69800E 4175N	669795	5564175		10	140	77
69800E 4200N	669794	5564201		11.7	140	81
69800E 4225N	669797	5564227		14.3	90	104
69800E 4250N	669799	5564251		8.9	220	95
69800E 4275N	669796	5564273		81	170	149
69800E 4300N	669803	5564301		114	40	147
69800E 4325N	669803	5564325		56.6	60	288
69800E 4350N	669803	5564352		45.6	360	216
69800E 4375N	669801	5564375		32.5	80	147
69900E 3900N	669896	5563895		12.7	110	87
69900E 3925N	669896	5563926		16.7	200	132
69900E 3950N	669905	5563950		10.3	80	65
69900E 3975N	669899	5563974		14.9	300	96
69900E 4000N	669898	5563999		44.9	60	62
69900E 4025N	669900	5564025		51.5	60	93
69900E 4050N	669903	5564051		14.9	320	100
69900E 4075N	669906	5564074		26.5	<10	188
69900E 4100N	669908	5564096		16.5	520	173
69900E 4125N	669903	5564127		17.7	60	291
69900E 4150N	669897	5564150		11.3	20	41
69900E 4175N	669900	5564174		3.9	130	51
69900E 4200N	669896	5564201		29.5	450	257
69900E 4225N	669908	5564231		196	40	269
69900E 4250N	669891	5564248		13.4	110	182
69900E 4275N	669901	5564274		194	190	147
69900E 4300N	669897	5564298		97.8	100	207
69900E 4325N	669895	5564325		128	370	167
69900E 4350N	669901	5564349		97.9	300	109

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>		<u>Ag</u>	<u>Al</u>	<u>As</u>	<u>Au</u>	<u>Ba</u>	<u>Bi</u>	<u>Ca</u>	<u>Cd</u>	<u>Ce</u>	<u>Co</u>
		DETECTION>>		0.5	1	10	0.1	10	0.5	2	1	2	1
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
69900E 4375N	669895	5564375		7.5	30	<10	<0.1	2920	<0.5	471	6	136	32
70000E 3900N	670001	5563903		15.5	46	<10	<0.1	3130	<0.5	536	18	124	23
70000E 3925N	669997	5563925		12.9	36	<10	<0.1	2750	<0.5	500	10	82	19
70000E 3950N	669995	5563949		8.2	24	<10	<0.1	3380	<0.5	498	26	128	42
70000E 3975N	669999	5563975		2.8	298	<10	<0.1	1080	0.6	108	11	138	133
70000E 4000N	669996	5564002		4.1	97	30	<0.1	1960	<0.5	1022	62	65	72
70000E 4025N	669999	5564025		10.5	128	<10	<0.1	2570	<0.5	308	11	209	18
70000E 4050N	669998	5564050		6.6	203	<10	<0.1	3030	<0.5	286	27	104	28
70000E 4075N	669994	5564076		12.5	37	<10	<0.1	4460	<0.5	392	13	481	27
70000E 4100N	669990	5564103		10.3	196	<10	<0.1	1680	<0.5	244	14	188	24
70000E 4125N	669989	5564123		30.7	25	<10	0.3	650	<0.5	762	31	32	42
70000E 4150N	669993	5564148		34.2	52	<10	<0.1	3510	<0.5	655	19	53	14
70000E 4175N	670003	5564178		9.3	80	<10	<0.1	3380	<0.5	511	11	454	25
70000E 4200N	669990	5564200		9.9	34	<10	0.1	2050	<0.5	661	18	97	29
70000E 4225N	669990	5564225		27.8	22	<10	0.2	2350	<0.5	591	14	66	38
70000E 4250N	669990	5564251		2.8	112	<10	0.2	2170	<0.5	495	17	4890	271
70000E 4275N	669994	5564275		3.5	81	<10	<0.1	2730	<0.5	518	38	316	35
70000E 4300N	669994	5564298		4.2	52	<10	<0.1	1660	<0.5	432	5	436	61
70000E 4325N	669989	5564328		15.3	72	<10	1.7	730	<0.5	422	10	1750	242
70000E 4350N	669990	5564350		0.7	84	<10	0.3	1000	0.9	128	<1	305	22
70000E 4375N	669993	5564373		4.6	100	<10	<0.1	1610	<0.5	342	5	736	52

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>		<u>Cr</u>	<u>Cs</u>	<u>Cu</u>	<u>Dy</u>	<u>Er</u>	<u>Eu</u>	<u>Fe</u>	<u>Ga</u>	<u>Gd</u>
		DETECTION>>		100	0.2	10	0.5	0.2	0.2	1	0.5	0.5
Sample ID.	Easting	Northing	UNITS>>	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb
69900E 4375N	669895	5564375		<100	0.4	480	19.4	8.6	7	31	2.3	28.5
70000E 3900N	670001	5563903		<100	0.4	4330	38.1	20	11.6	30	3.5	52.6
70000E 3925N	669997	5563925		<100	0.7	4440	30.6	15.3	10.3	25	2.6	41.9
70000E 3950N	669995	5563949		<100	0.5	8460	26.2	14.1	8.4	25	3	36
70000E 3975N	669999	5563975		<100	3.9	8830	19.4	13.3	3.6	118	26	15.5
70000E 4000N	669996	5564002		<100	2.5	8440	19.2	13.1	5.7	34	5.2	22.3
70000E 4025N	669999	5564025		<100	5.2	2970	54	31.3	12.8	40	5.5	57.3
70000E 4050N	669998	5564050		<100	9.2	3570	29.4	20.3	5.7	60	16	25.4
70000E 4075N	669994	5564076		<100	1.6	4860	94.8	46.8	28.5	19	5.4	136
70000E 4100N	669990	5564103		<100	6.6	1260	36.4	22.5	7.6	66	14	34
70000E 4125N	669989	5564123		<100	1.7	23400	26.6	16.1	9.2	19	2.6	37.5
70000E 4150N	669993	5564148		<100	1.6	3730	25.6	14.7	8.6	21	3.9	35.3
70000E 4175N	670003	5564178		<100	1.4	2120	72.8	41	20.2	26	4.5	87.8
70000E 4200N	669990	5564200		<100	0.3	1890	43.7	26.1	13	24	2.7	61.5
70000E 4225N	669990	5564225		<100	0.3	6470	26.1	14.2	8.8	22	2.1	36.3
70000E 4250N	669990	5564251		<100	<0.2	27600	243	136	73	65	19	343
70000E 4275N	669994	5564275		<100	0.5	1210	99.7	70	25.2	30	4	114
70000E 4300N	669994	5564298		<100	0.3	1520	30.3	14.5	9.8	51	4.3	47.6
70000E 4325N	669989	5564328		<100	0.7	75500	58.5	33	21.2	68	7.8	101
70000E 4350N	669990	5564350		<100	1.3	1660	11.4	4.5	4	75	7.7	15.5
70000E 4375N	669993	5564373		<100	1.2	9650	41.9	20.9	14.9	67	7.9	74.1

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>			<u>Hg</u>	<u>In</u>	<u>K</u>	<u>La</u>	<u>Li</u>	<u>Mg</u>	<u>Mn</u>	<u>Mo</u>	<u>Nb</u>	<u>Nd</u>
		DETECTION>>			1	0.1	0.5	1	1	0.5	100	2	0.5	1
Sample ID.	Easting	Northing	UNITS>>	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
69900E 4375N	669895	5564375		<1	<0.1	72.4	78	4	60	1800	9	1.4	106	
70000E 3900N	670001	5563903		<1	<0.1	43.8	73	1	32.2	4500	7	0.6	166	
70000E 3925N	669997	5563925		<1	<0.1	38	67	<1	28	4100	5	<0.5	143	
70000E 3950N	669995	5563949		<1	<0.1	86.4	58	<1	51	12000	13	<0.5	117	
70000E 3975N	669999	5563975		<1	0.2	40.3	50	3	10.1	7700	5	4.2	65	
70000E 4000N	669996	5564002		<1	<0.1	757	55	6	136	47100	21	4.4	94	
70000E 4025N	669999	5564025		<1	<0.1	35.3	105	<1	11.8	4700	3	1	183	
70000E 4050N	669998	5564050		<1	<0.1	40.2	47	4	11.5	9200	4	2.7	77	
70000E 4075N	669994	5564076		<1	<0.1	49.8	265	<1	49.4	5000	4	<0.5	471	
70000E 4100N	669990	5564103		<1	<0.1	75.7	70	3	12.8	6700	5	2.7	113	
70000E 4125N	669989	5564123		<1	<0.1	40.1	36	2	38.8	8200	18	0.9	95	
70000E 4150N	669993	5564148		<1	<0.1	60.6	36	<1	20.9	3300	2	<0.5	98	
70000E 4175N	670003	5564178		<1	<0.1	29	142	7	57	10800	11	1.4	278	
70000E 4200N	669990	5564200		<1	<0.1	70.5	80	1	59	16700	7	0.9	178	
70000E 4225N	669990	5564225		<1	<0.1	60.2	48	<1	61.9	7500	4	0.7	113	
70000E 4250N	669990	5564251		<1	<0.1	102	1010	11	105	36900	3	1	1760	
70000E 4275N	669994	5564275		<1	<0.1	164	147	4	84.1	34100	7	1.3	330	
70000E 4300N	669994	5564298		<1	<0.1	118	189	3	64.6	8300	8	2.2	233	
70000E 4325N	669989	5564328		<1	<0.1	52.6	424	6	95.9	10800	11	1	654	
70000E 4350N	669990	5564350		<1	<0.1	20.8	158	2	21.3	900	5	6.5	101	
70000E 4375N	669993	5564373		<1	<0.1	44.6	280	3	39.4	3300	4	3.7	413	

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>			<u>Ni</u>	<u>P</u>	<u>Pb</u>	<u>Pd</u>	<u>Pr</u>	<u>Pt</u>	<u>Rb</u>	<u>Sb</u>	<u>Sc</u>	<u>Sm</u>	<u>Sn</u>
		DETECTION>>			5	0.1	5	1	0.5	0.1	1	0.5	5	1	1
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
69900E 4375N	669895	5564375		183	3	120	<1	24.7	<0.1	52	0.9	47	27	<1	
70000E 3900N	670001	5563903		97	1.5	21	<1	31.4	<0.1	70	0.9	33	51	<1	
70000E 3925N	669997	5563925		98	1.1	16	<1	28.2	<0.1	72	0.8	27	40	<1	
70000E 3950N	669995	5563949		94	0.8	15	<1	23	<0.1	256	1.1	36	32	<1	
70000E 3975N	669999	5563975		73	4.8	249	<1	14.7	<0.1	113	1.1	61	15	<1	
70000E 4000N	669996	5564002		178	6.6	48	<1	19.1	<0.1	539	2.1	66	22	<1	
70000E 4025N	669999	5564025		48	2	109	<1	39.9	<0.1	260	0.9	57	51	<1	
70000E 4050N	669998	5564050		61	3.9	183	<1	16.4	<0.1	272	1	62	21	<1	
70000E 4075N	669994	5564076		68	0.5	38	<1	93.5	<0.1	209	1.3	42	124	<1	
70000E 4100N	669990	5564103		63	4.2	140	<1	24.2	<0.1	198	1.1	62	29	<1	
70000E 4125N	669989	5564123		154	1.2	15	1	17.5	<0.1	106	1.1	29	30	<1	
70000E 4150N	669993	5564148		85	0.4	20	<1	17.3	<0.1	125	1	19	30	<1	
70000E 4175N	670003	5564178		274	1.5	90	<1	59	<0.1	74	1.3	66	79	<1	
70000E 4200N	669990	5564200		244	1.8	47	<1	32.2	<0.1	71	1	31	51	<1	
70000E 4225N	669990	5564225		157	0.6	22	<1	21.4	<0.1	59	1.1	24	32	<1	
70000E 4250N	669990	5564251		620	1.3	100	<1	409	<0.1	12	1.2	246	420	<1	
70000E 4275N	669994	5564275		427	1.4	135	<1	66.1	<0.1	98	0.9	54	98	<1	
70000E 4300N	669994	5564298		192	5.1	181	<1	53.7	<0.1	59	1.1	40	52	<1	
70000E 4325N	669989	5564328		172	2.1	56	<1	161	<0.1	48	1.1	66	138	<1	
70000E 4350N	669990	5564350		42	6.4	94	<1	28.6	<0.1	55	1.3	43	18	<1	
70000E 4375N	669993	5564373		90	2.4	179	<1	94.7	<0.1	94	1.3	42	90	<1	

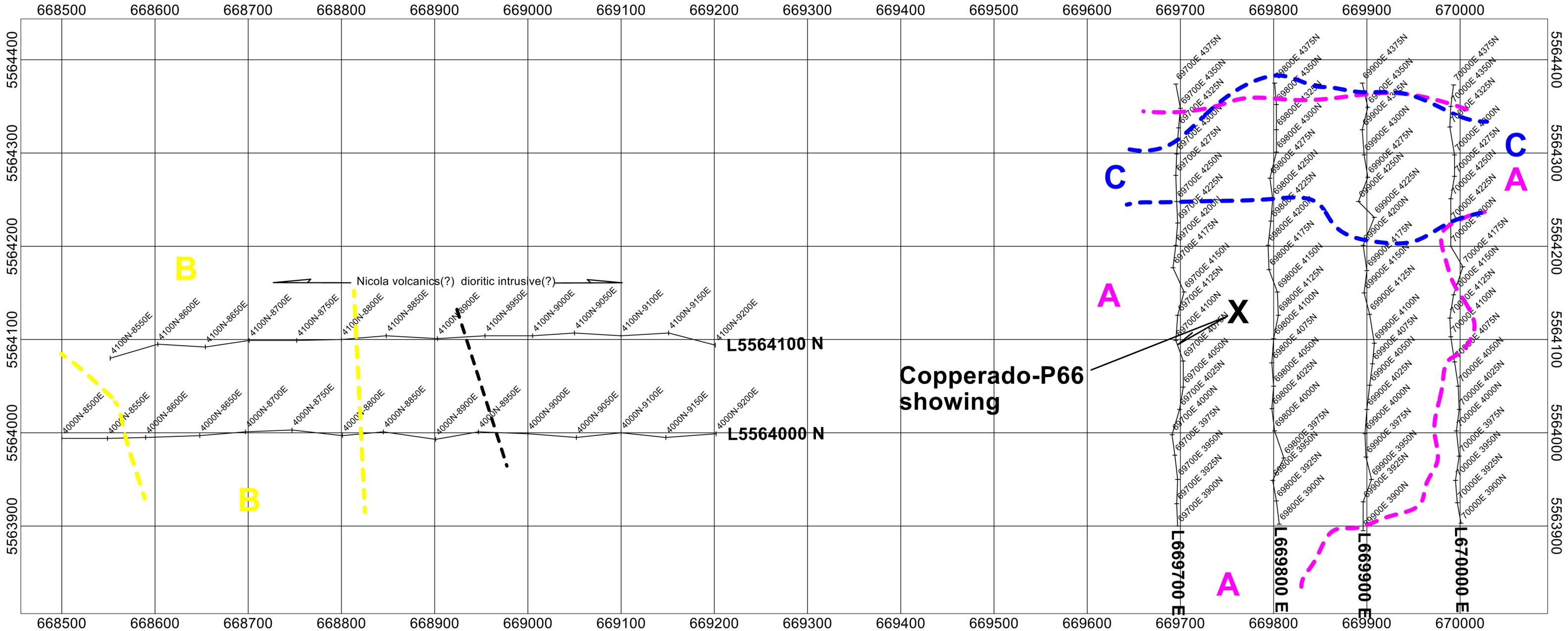
MMI DATA
PEACOCK PROPERTY

		ANALYTE >>		<u>Sr</u>	<u>Ta</u>	<u>Tb</u>	<u>Te</u>	<u>Th</u>	<u>Ti</u>	<u>Tl</u>	<u>U</u>	<u>W</u>	<u>Y</u>
		DETECTION>>		10	1	0.1	10	0.5	10	0.1	0.5	0.5	1
Sample ID.	Easting	Northing	UNITS>>	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
69900E 4375N	669895	5564375		2740	<1	3.5	<10	34.7	100	<0.1	17.6	<0.5	107
70000E 3900N	670001	5563903		2000	<1	6.5	<10	18.8	60	0.2	48.3	<0.5	241
70000E 3925N	669997	5563925		1660	<1	5.3	<10	28.6	20	0.3	41.9	<0.5	174
70000E 3950N	669995	5563949		2140	<1	4.6	<10	26	20	0.3	41	<0.5	158
70000E 3975N	669999	5563975		500	<1	3	<10	35.4	690	0.3	21.4	0.6	109
70000E 4000N	669996	5564002		3800	<1	3.1	<10	9.2	480	0.9	127	1.2	132
70000E 4025N	669999	5564025		1030	<1	8.4	<10	22	120	0.4	40.1	<0.5	316
70000E 4050N	669998	5564050		1270	<1	4.2	<10	14.1	470	0.3	22.2	0.6	204
70000E 4075N	669994	5564076		2200	<1	16.6	<10	36.6	20	0.4	60.4	<0.5	548
70000E 4100N	669990	5564103		1180	<1	5.6	<10	20	410	0.4	27.9	<0.5	218
70000E 4125N	669989	5564123		1970	<1	4.6	<10	4.9	70	0.3	77.6	0.5	209
70000E 4150N	669993	5564148		2330	<1	4.6	<10	7.4	30	0.2	57.6	<0.5	151
70000E 4175N	670003	5564178		2020	<1	11.8	<10	44.8	100	0.2	47.2	<0.5	379
70000E 4200N	669990	5564200		2160	<1	7.6	<10	23.7	40	0.1	74.9	<0.5	272
70000E 4225N	669990	5564225		2290	<1	4.4	<10	33.9	20	0.2	81.5	<0.5	158
70000E 4250N	669990	5564251		3410	<1	45.5	<10	170	120	0.1	435	1.1	1250
70000E 4275N	669994	5564275		2340	<1	15.6	<10	35.1	40	0.3	152	0.6	584
70000E 4300N	669994	5564298		2360	<1	6	<10	50	240	<0.1	31.9	0.6	153
70000E 4325N	669989	5564328		2490	<1	11.8	<10	60.8	100	0.2	134	<0.5	334
70000E 4350N	669990	5564350		890	<1	2	<10	88.9	1280	<0.1	16.8	0.8	55
70000E 4375N	669993	5564373		1590	<1	8.6	<10	53	370	0.1	43.3	<0.5	224

MMI DATA
PEACOCK PROPERTY

		ANALYTE >>		<u>Yb</u>	<u>Zn</u>	<u>Zr</u>
		DETECTION>>		0.2	10	2
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>	<u>UNITS>></u>	ppb	ppb	ppb
69900E 4375N	669895	5564375		7	210	71
70000E 3900N	670001	5563903		18.1	580	159
70000E 3925N	669997	5563925		12.1	290	119
70000E 3950N	669995	5563949		11.5	100	92
70000E 3975N	669999	5563975		12.5	310	308
70000E 4000N	669996	5564002		13.4	2880	138
70000E 4025N	669999	5564025		27.7	610	203
70000E 4050N	669998	5564050		18.9	400	127
70000E 4075N	669994	5564076		36.1	120	145
70000E 4100N	669990	5564103		19.2	250	180
70000E 4125N	669989	5564123		13.6	50	34
70000E 4150N	669993	5564148		11.9	280	73
70000E 4175N	670003	5564178		34.8	220	142
70000E 4200N	669990	5564200		22.1	960	67
70000E 4225N	669990	5564225		12.8	430	89
70000E 4250N	669990	5564251		133	260	258
70000E 4275N	669994	5564275		65.7	2870	127
70000E 4300N	669994	5564298		12.2	270	89
70000E 4325N	669989	5564328		35.3	130	68
70000E 4350N	669990	5564350		3.7	40	289
70000E 4375N	669993	5564373		19.1	80	102

16 APPENDIX II – MMI SURVEY COLOUR PLAN MAPS

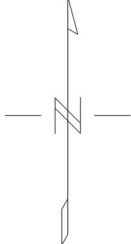
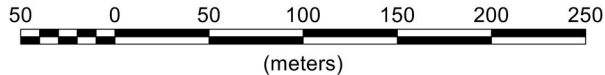


Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

Coordinate system:
NAD 83, Zone 10

- anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



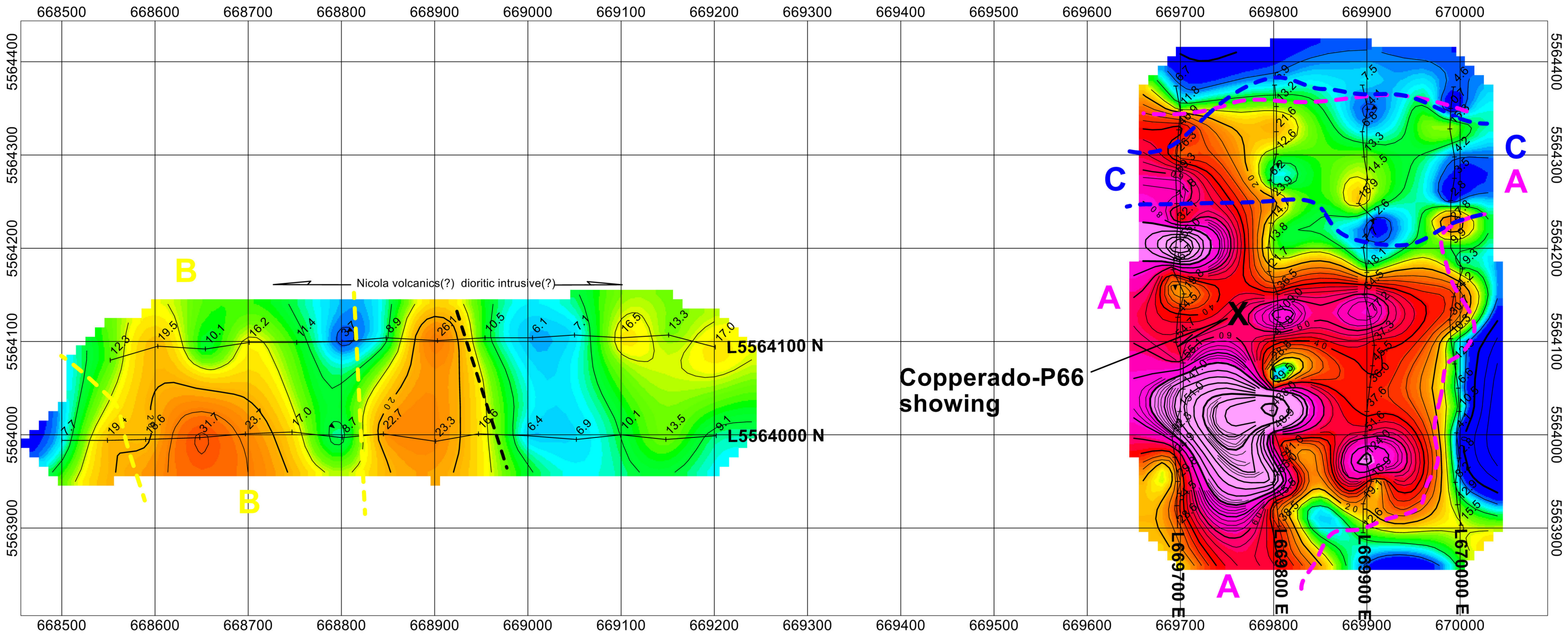
LIONHEART EXPLORATION INC.

PEACOCK PROPERTY
Peacock Mountain, Merritt Area, Nicola MD, BC

**MMI SOIL SAMPLING SURVEY
CONTOUR PLAN**

SAMPLE LOCATION MAP

DRAWN BY: DGM	JOB NO: 23-27	NTS: 921/02	DATE: APR '24	FIG NO: GC-0
------------------	------------------	----------------	------------------	-----------------

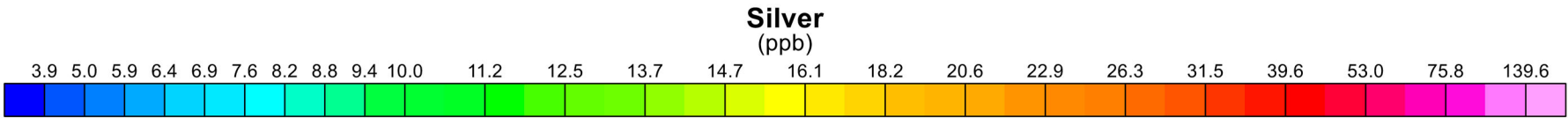


Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

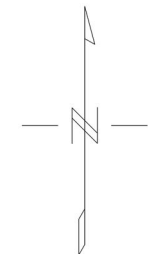
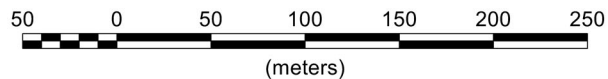
Laboratory soils tested by:
SGS Canada, Burnaby, BC

Coordinate system:
NAD 83, Zone 10

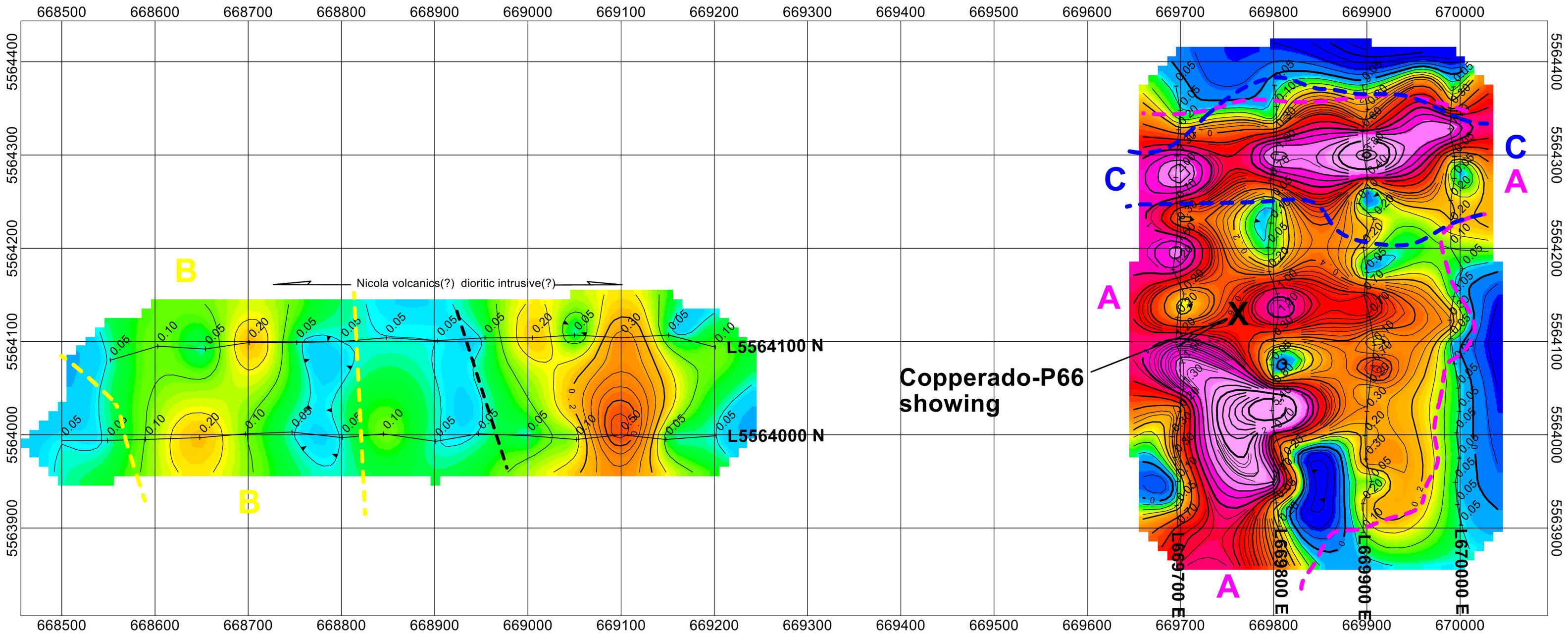
Units:
parts per billion (ppb)



- C** anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN SILVER				
DRAWN BY: DGM	JOB NO: 23-27	NTS: 921/02	DATE: APR '24	FIG NO: GC-01



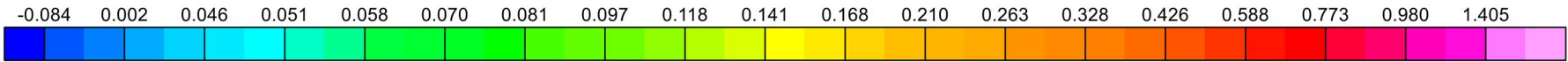
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

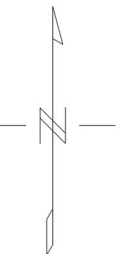
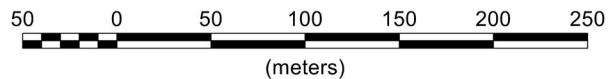
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

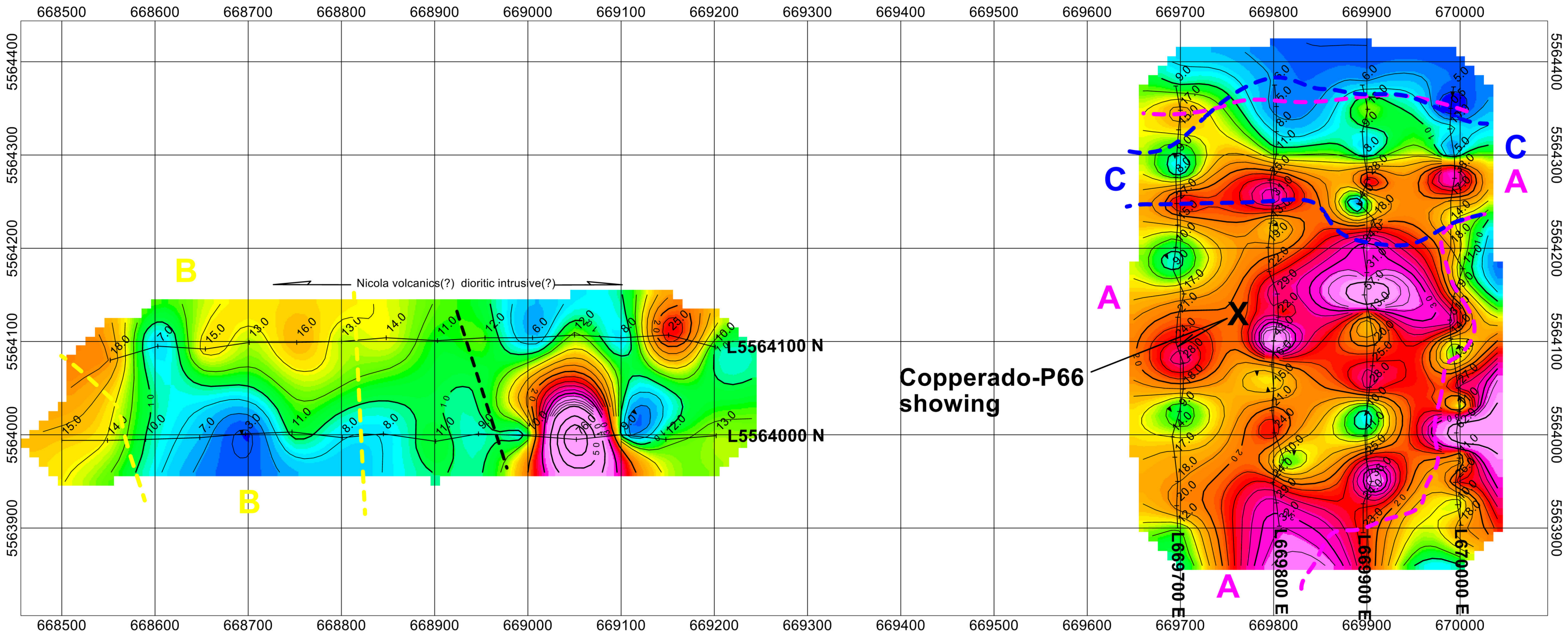
Gold
(ppb)



- C** anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN GOLD				
DRAWN BY: DGM	JOB NO: 23-27	NTS: 921/02	DATE: APR '24	FIG NO: GC-02



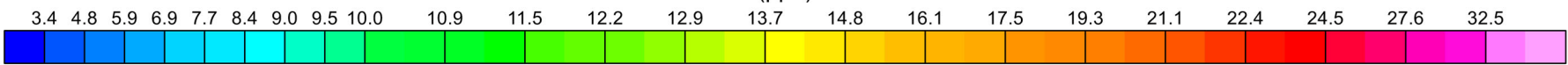
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

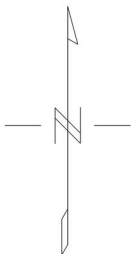
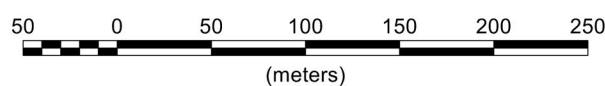
Coordinate system:
NAD 83, Zone 10

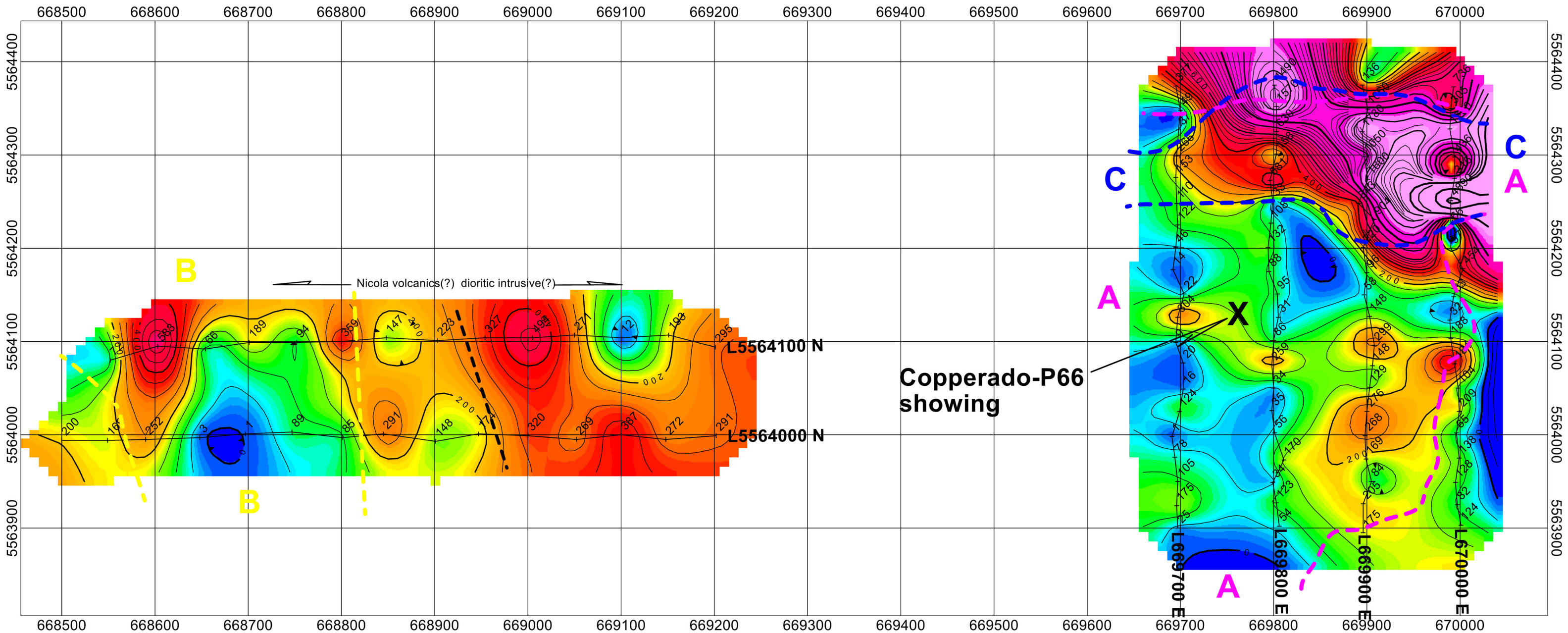
Units:
parts per billion (ppb)

Cadmium
(ppb)



- anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel





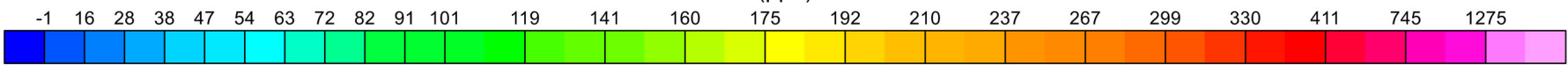
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

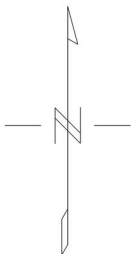
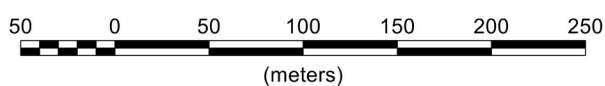
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

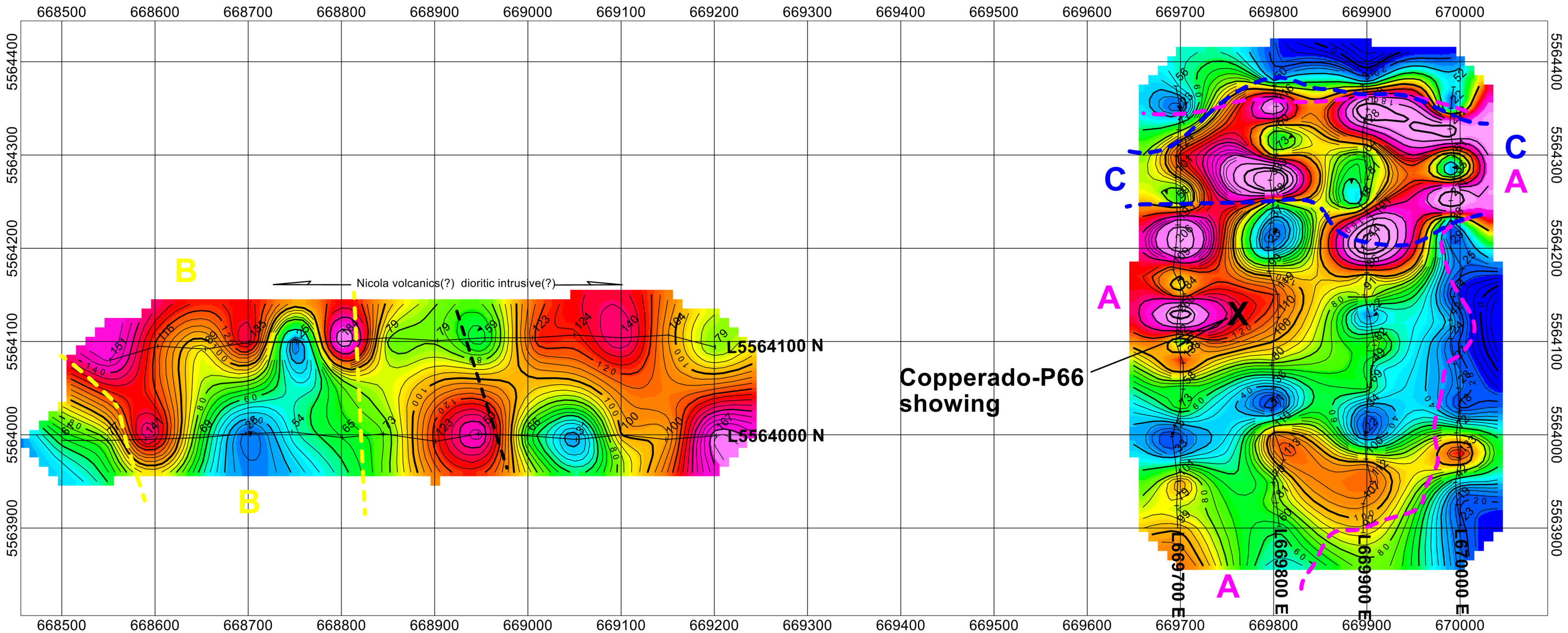
Cerium
(ppb)



- anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN CERIUM				
DRAWN BY: DGM	JOB NO: 23-27	NTS: 921/02	DATE: APR '24	FIG NO: GC-04



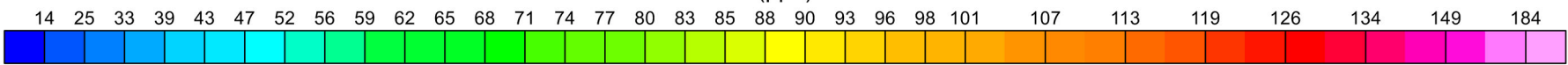
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

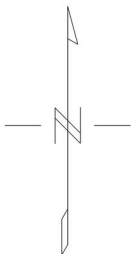
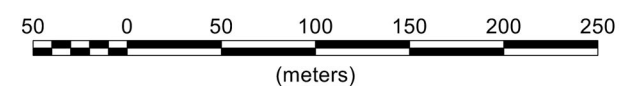
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

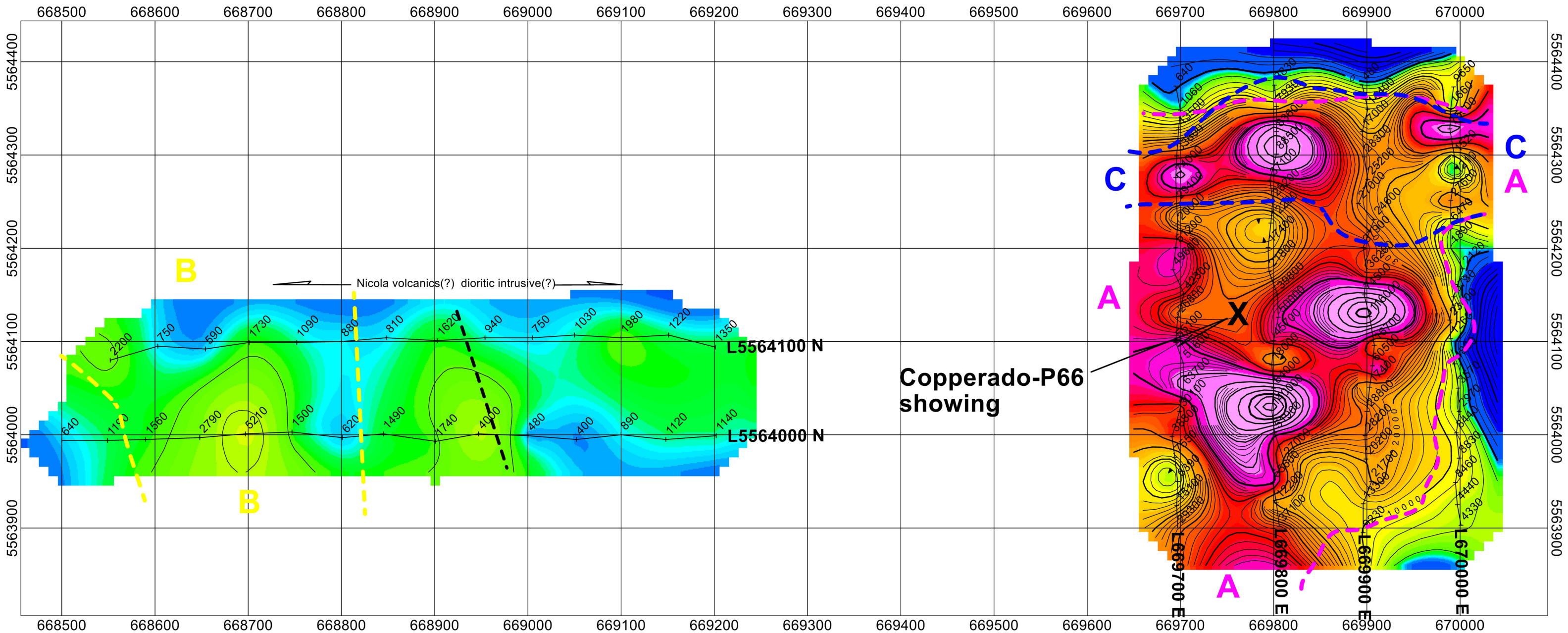
Cobalt
(ppb)



- anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN COBALT				
DRAWN BY: DGM	JOB NO: 23-27	NTS: 921/02	DATE: APR '24	FIG NO: GC-05



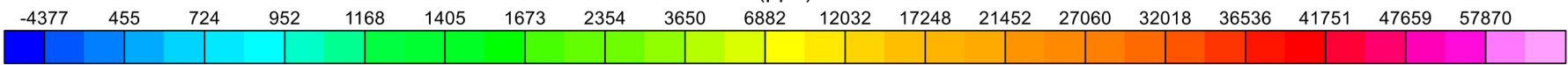
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

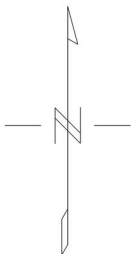
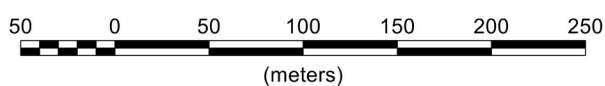
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

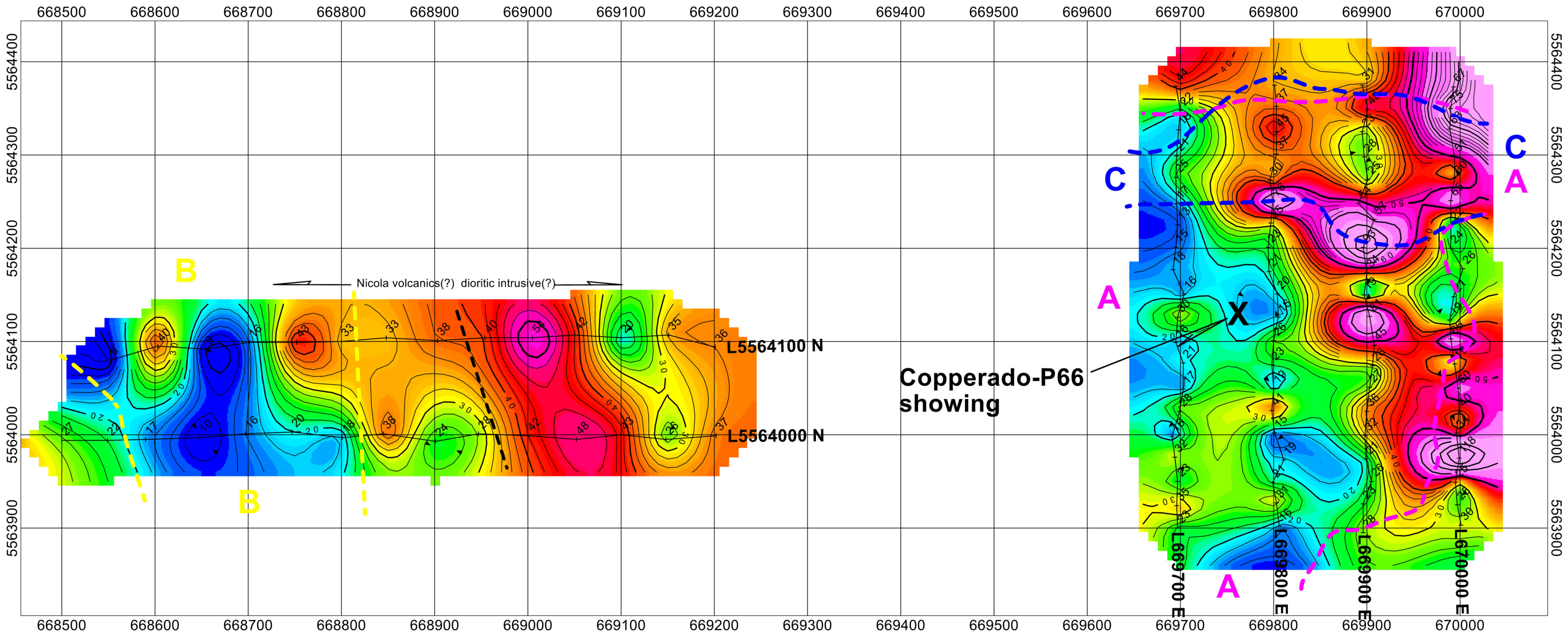
Copper
(ppb)



- anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN COPPER				
DRAWN BY: DGM	JOB NO: 23-27	NTS: 921/02	DATE: APR '24	FIG NO: GC-06

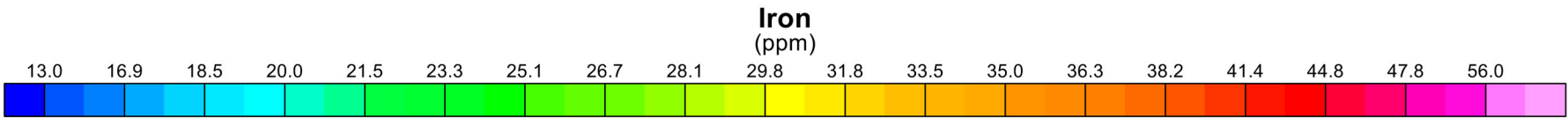


Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

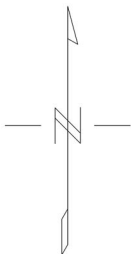
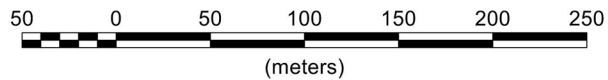
Laboratory soils tested by:
SGS Canada, Burnaby, BC

Coordinate system:
NAD 83, Zone 10

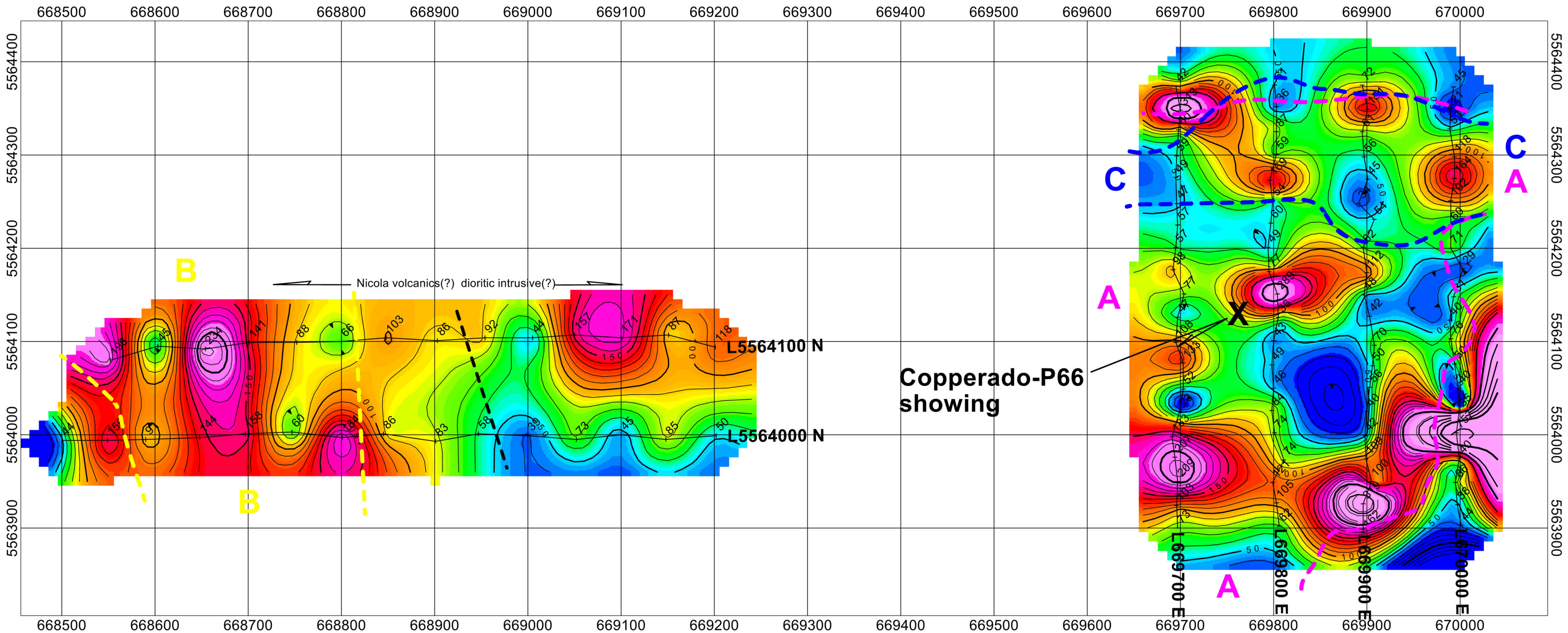
Units:
parts per million (ppm)



- anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN				
IRON				
DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	23-27	921/02	APR '24	GC-07



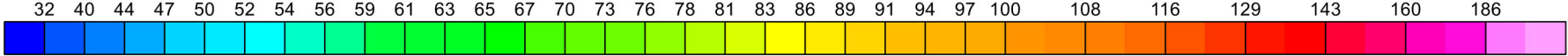
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

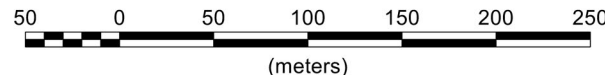
Coordinate system:
NAD 83, Zone 10

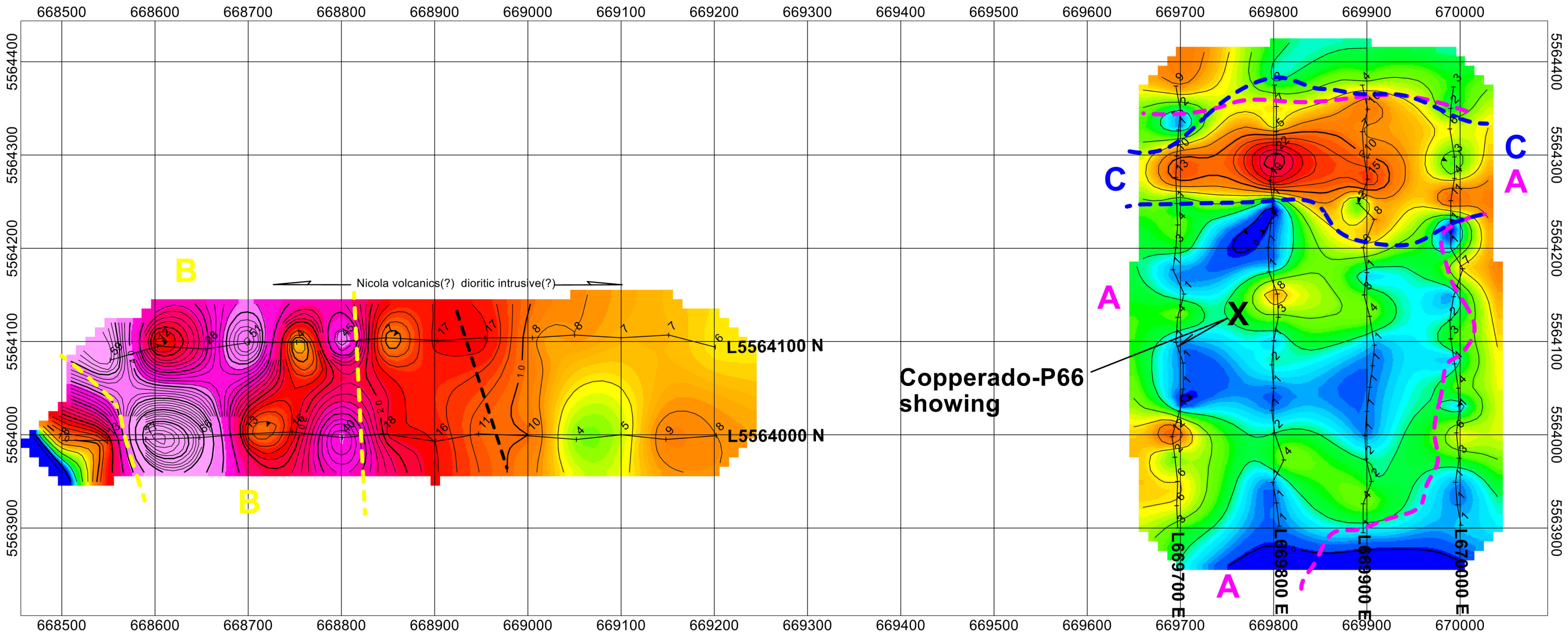
Units:
parts per million (ppm)

Potassium
(ppm)



- anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel





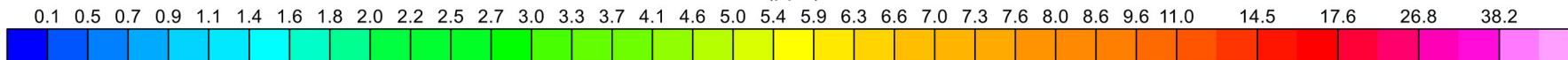
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

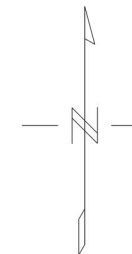
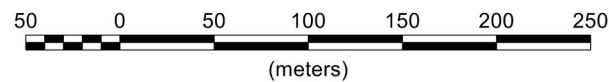
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

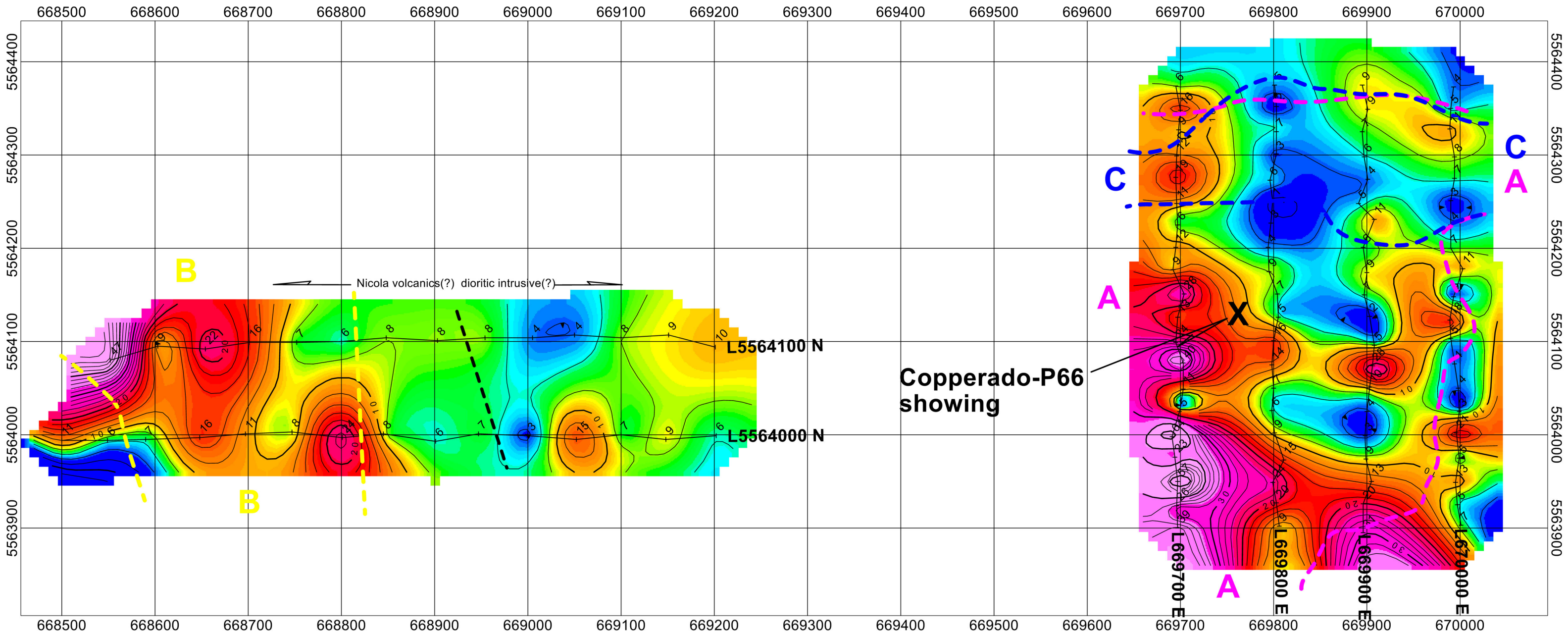
Lithium
(ppb)



- anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN LITHIUM				
DRAWN BY: DGM	JOB NO: 23-27	NTS: 921/02	DATE: APR '24	FIG NO: GC-09



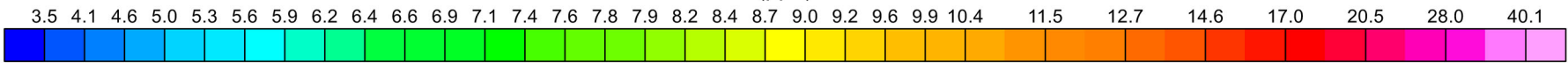
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

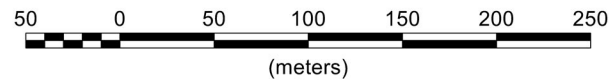
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

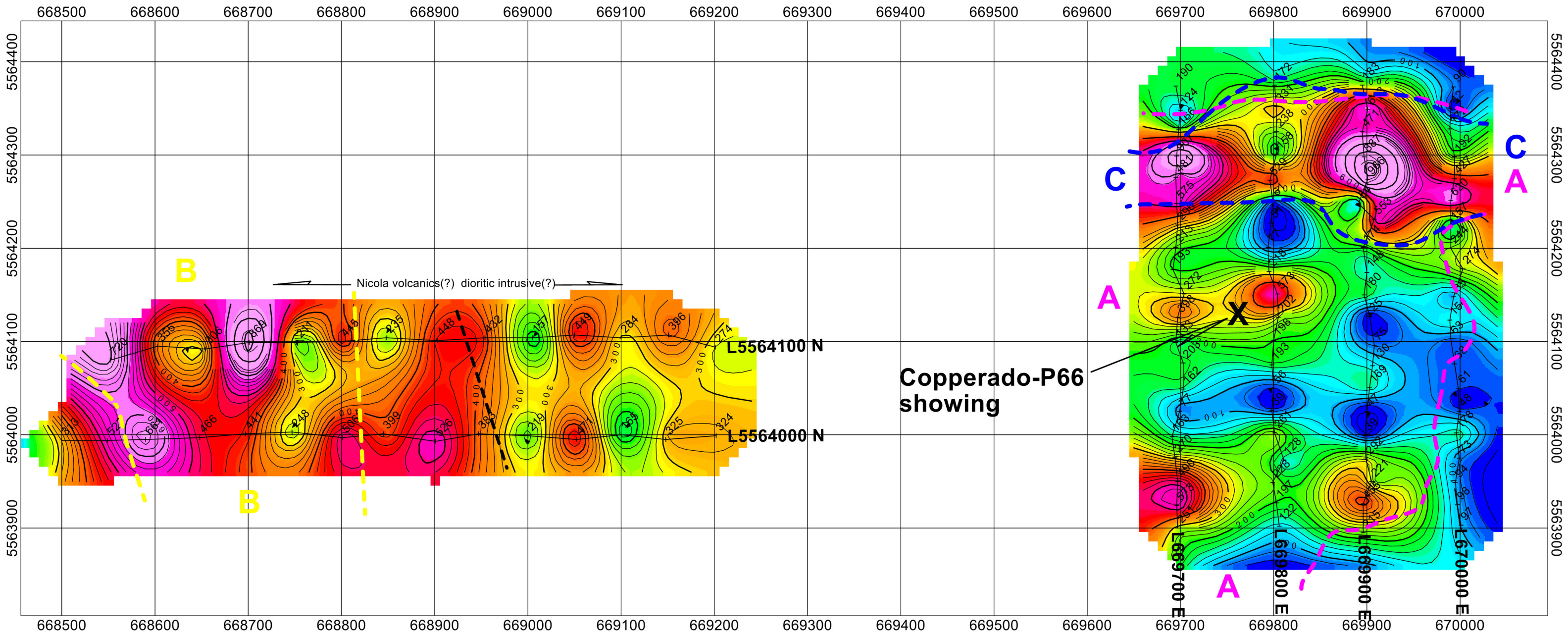
Molybdenum
(ppb)



- C** anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN MOLYBDENUM				
DRAWN BY: DGM	JOB NO: 23-27	NTS: 921/02	DATE: APR '24	FIG NO: GC-10



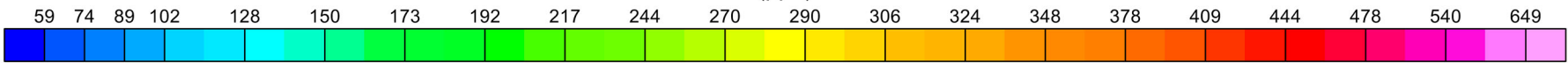
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

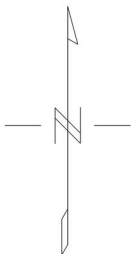
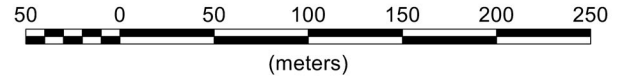
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

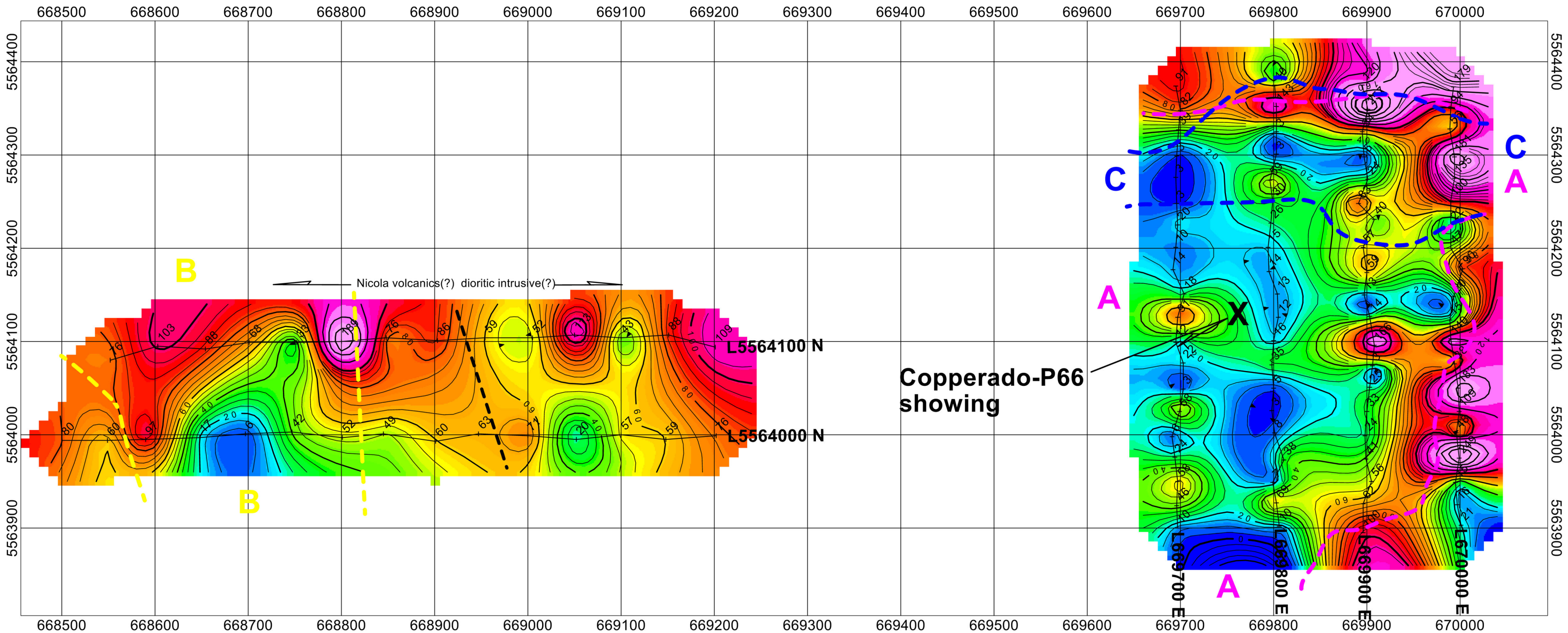
Nickel
(ppb)



- anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN NICKEL				
DRAWN BY: DGM	JOB NO: 23-27	NTS: 921/02	DATE: APR '24	FIG NO: GC-11



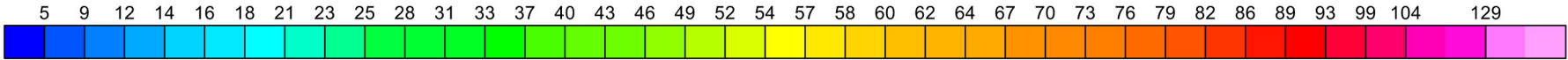
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

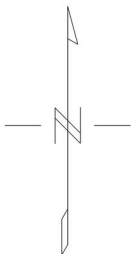
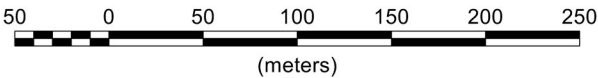
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

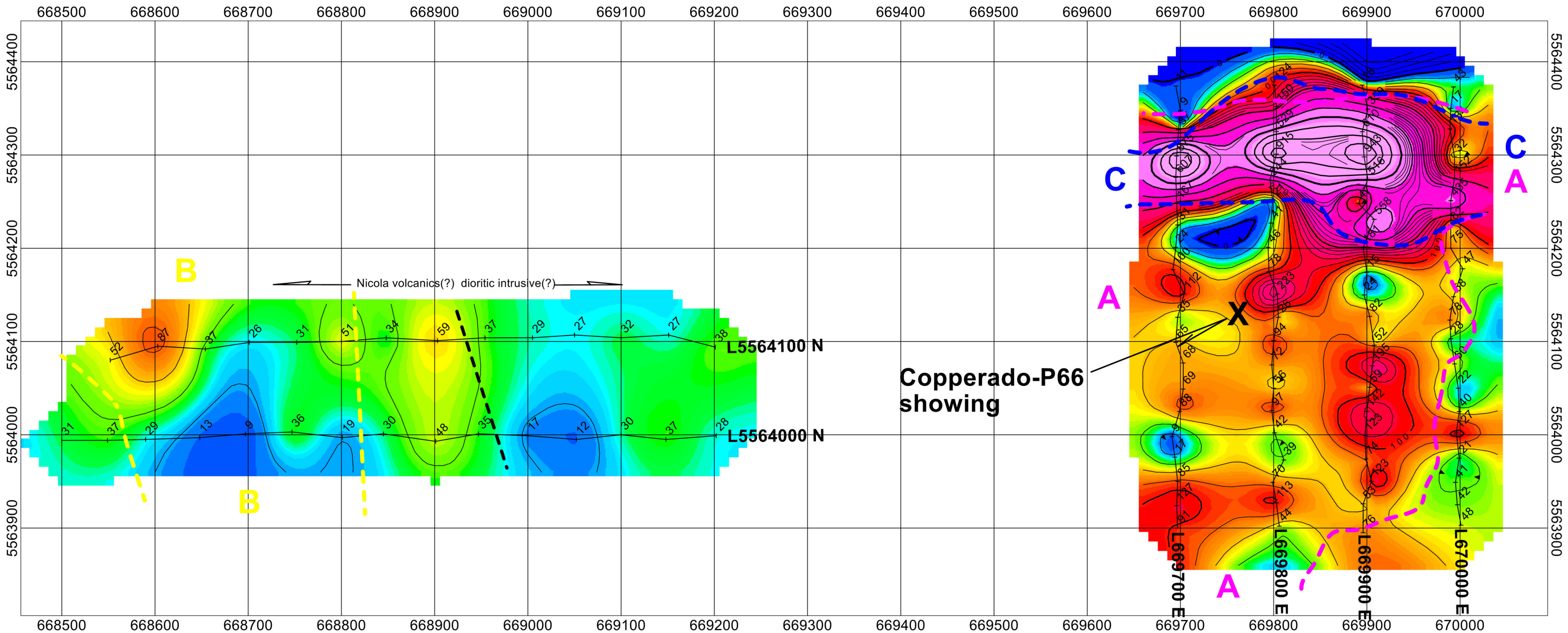
Lead
(ppb)



- anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact
as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN LEAD				
DRAWN BY: DGM	JOB NO: 23-27	NTS: 921/02	DATE: APR '24	FIG NO: GC-12



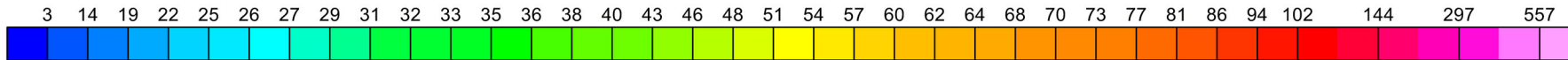
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

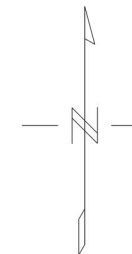
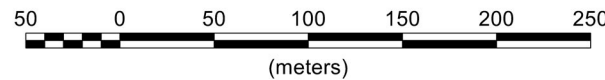
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

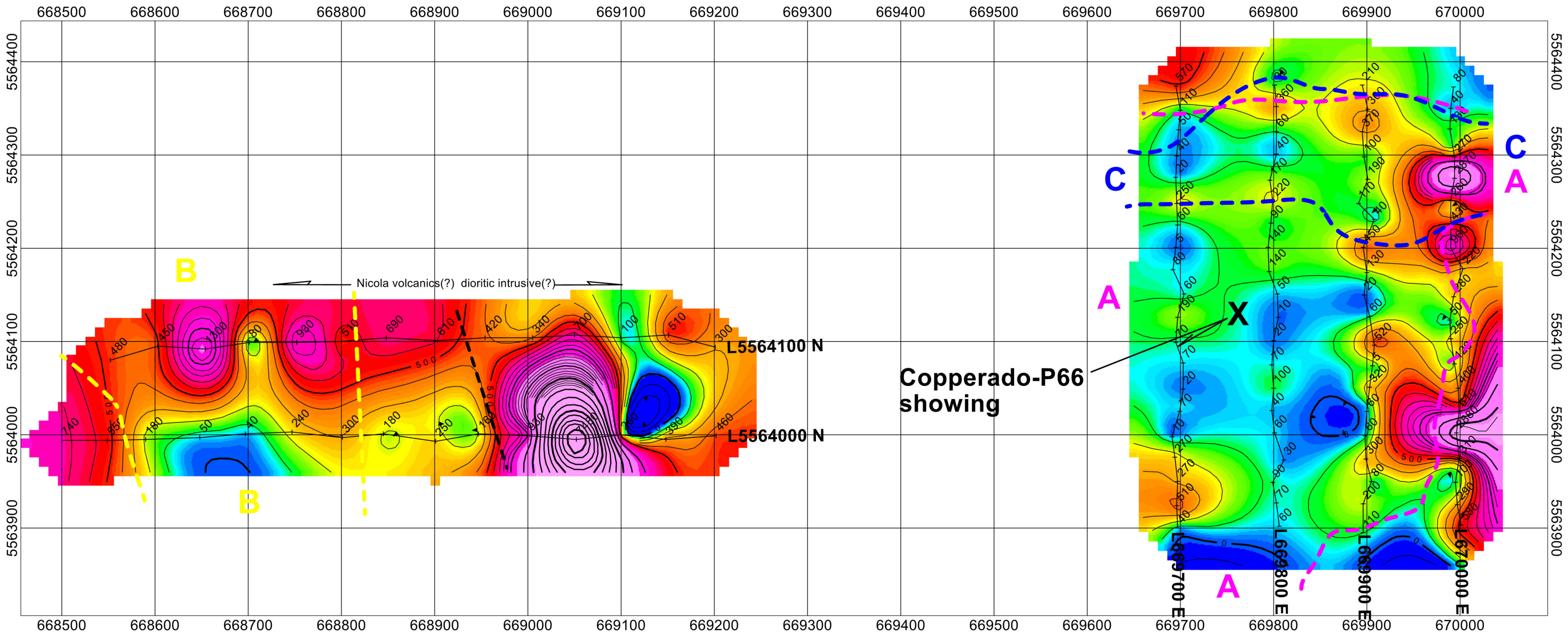
Uranium
(ppb)



- anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN				
URANIUM				
DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	23-27	921/02	APR '24	GC-13



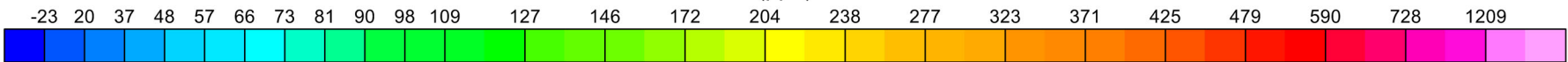
Date samples picked up:
Oct 15 to 21, 2022 for east-west lines
Oct 02 to 17, 2023 for north-south lines

Laboratory soils tested by:
SGS Canada, Burnaby, BC

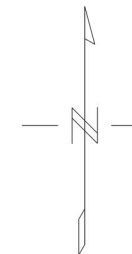
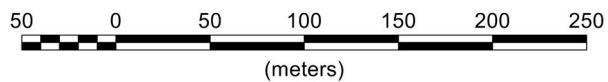
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

Zinc
(ppb)

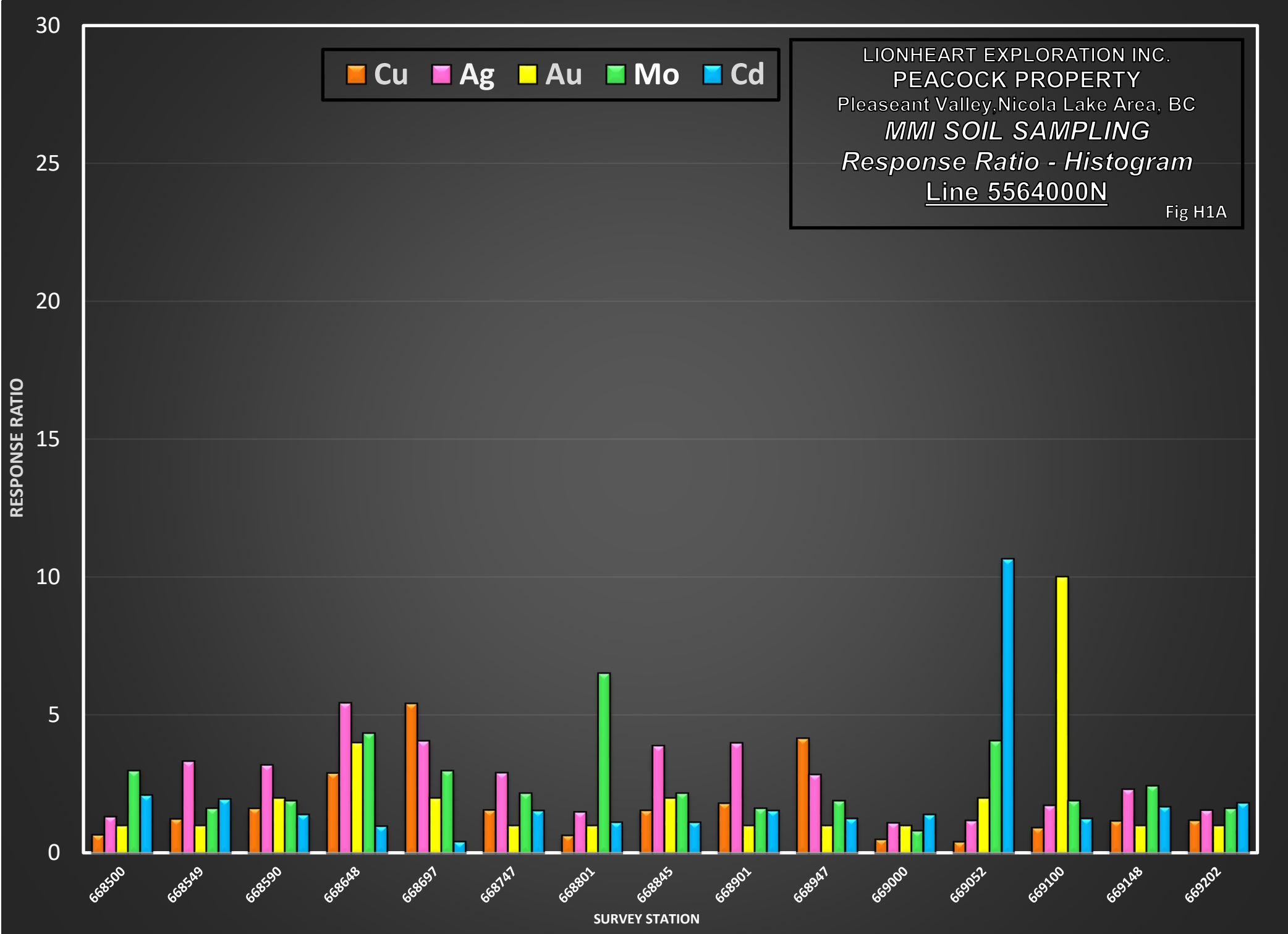


- C** anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN				
ZINC				
DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	23-27	921/02	APR '24	GC-14

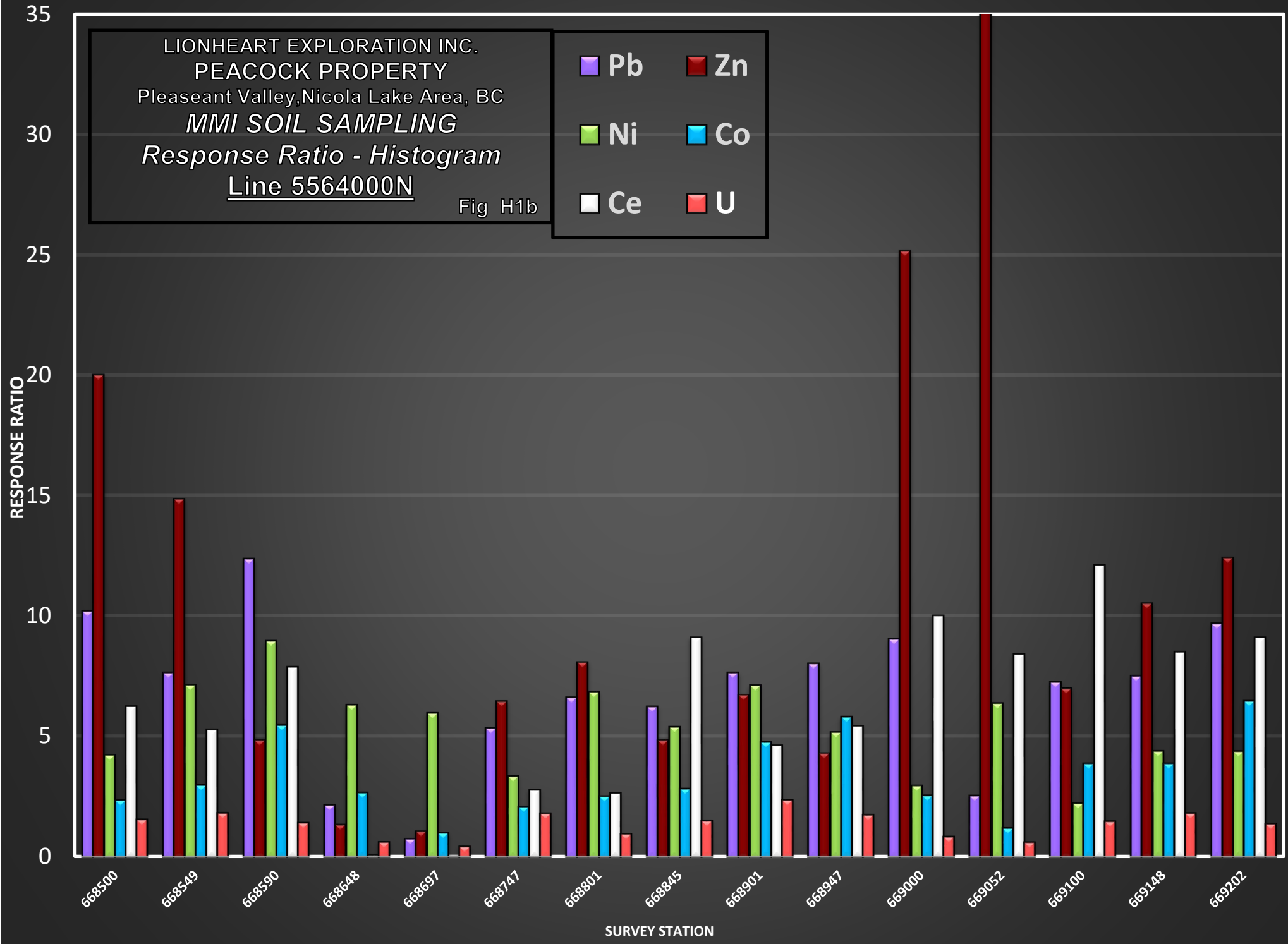
17 APPENDIX III – MMI HISTOGRAMS

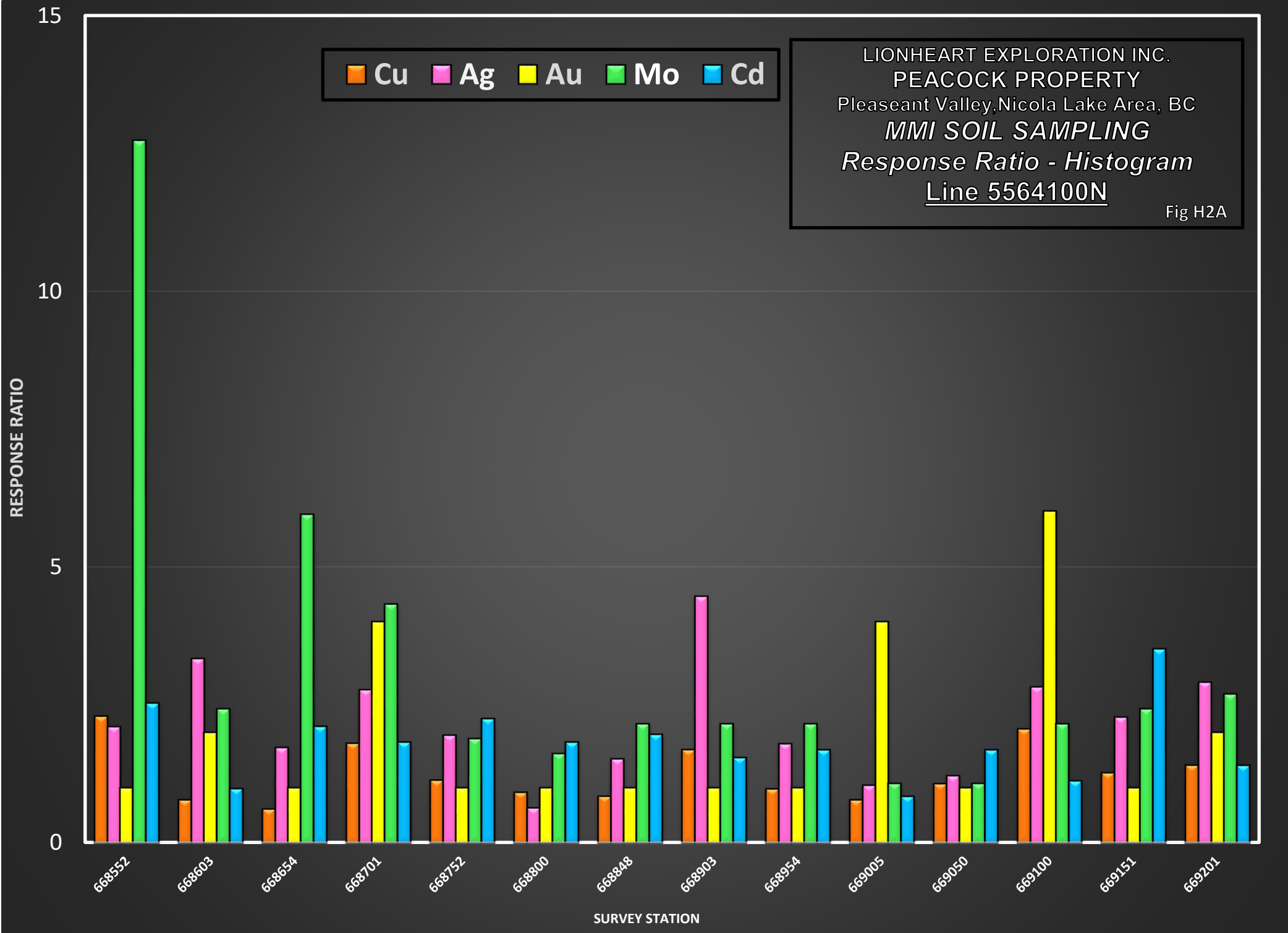


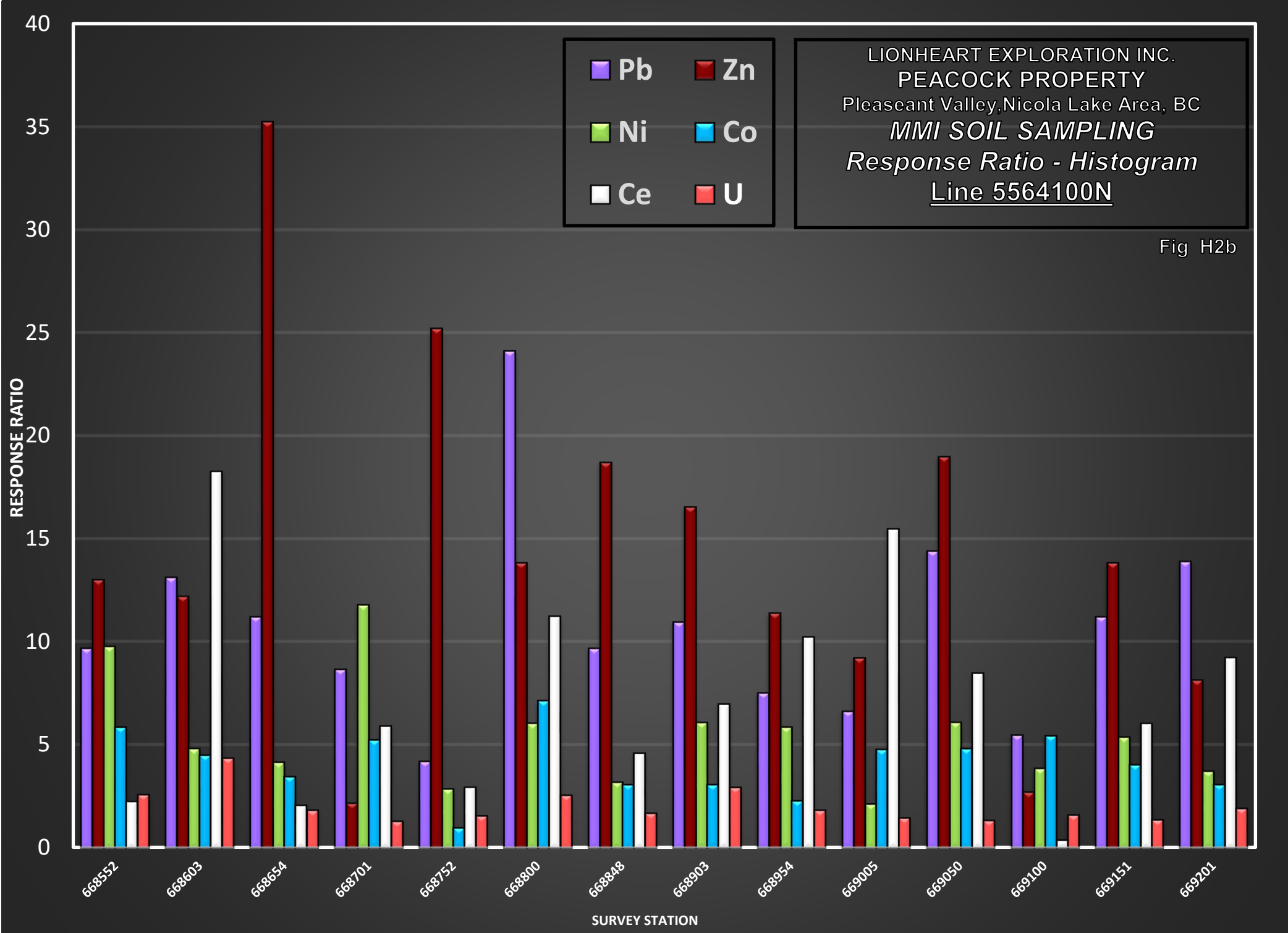
LIONHEART EXPLORATION INC.
PEACOCK PROPERTY
Pleasant Valley, Nicola Lake Area, BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 556400N

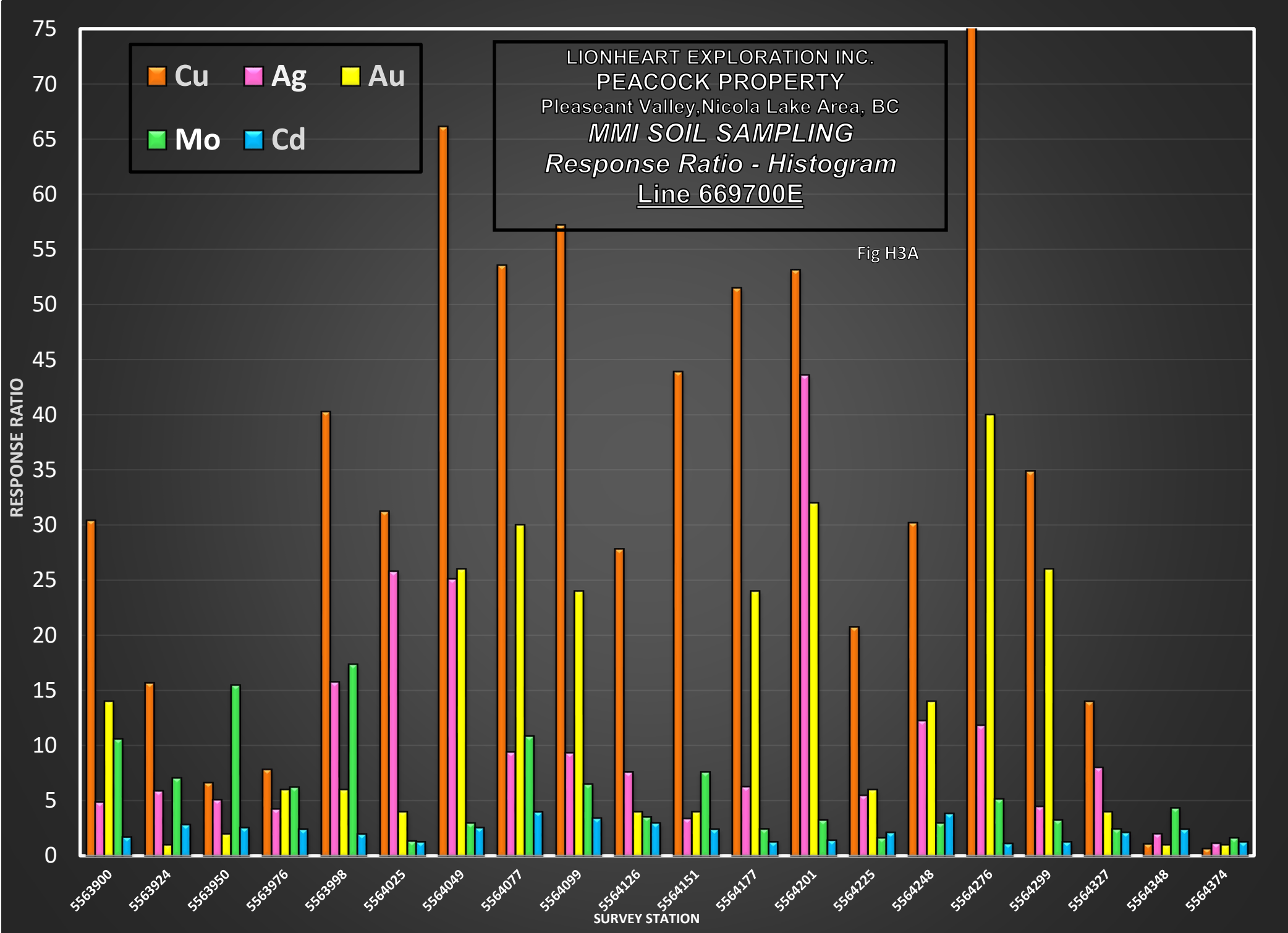
Fig H1b

Pb	Zn
Ni	Co
Ce	U





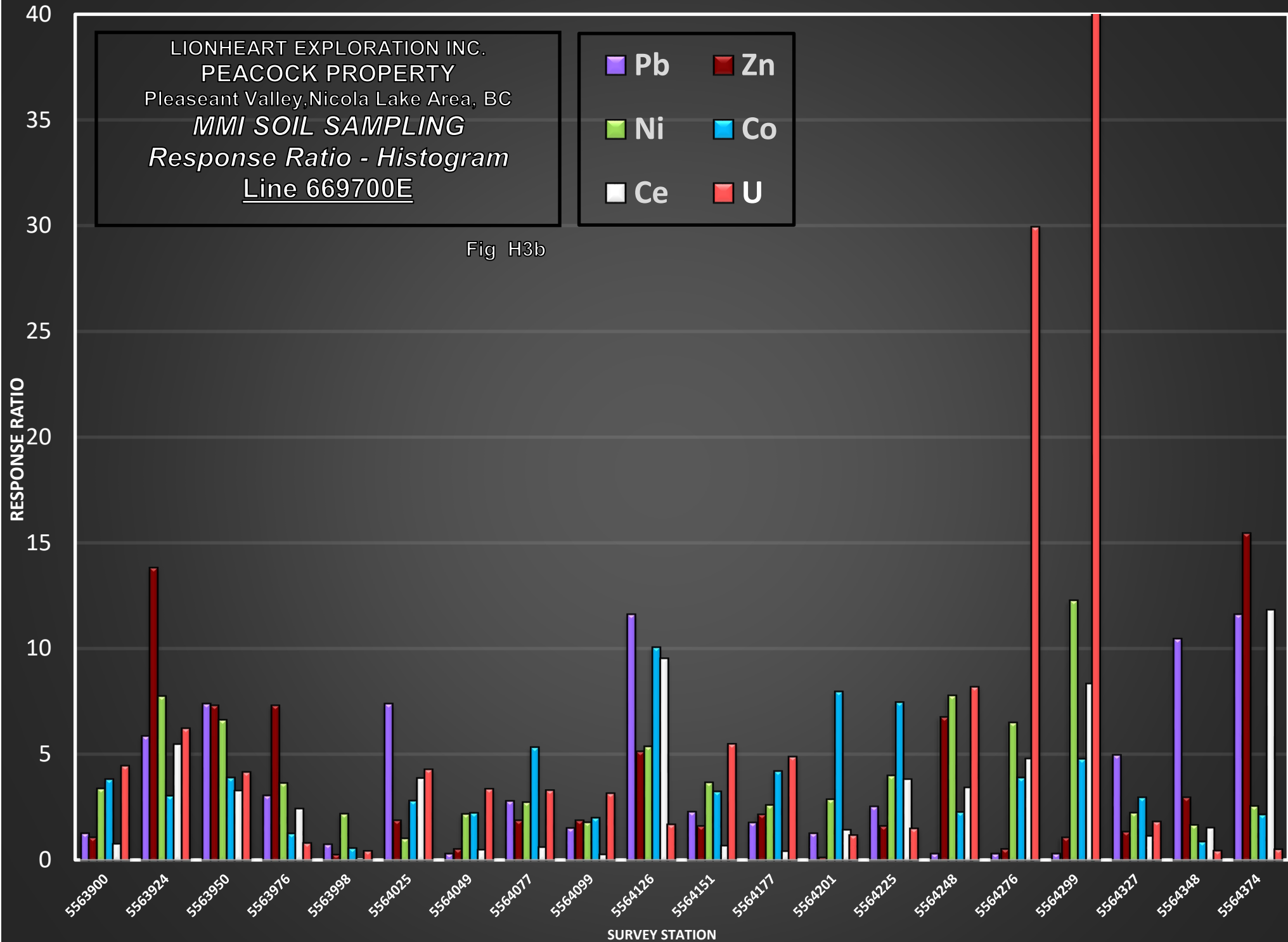


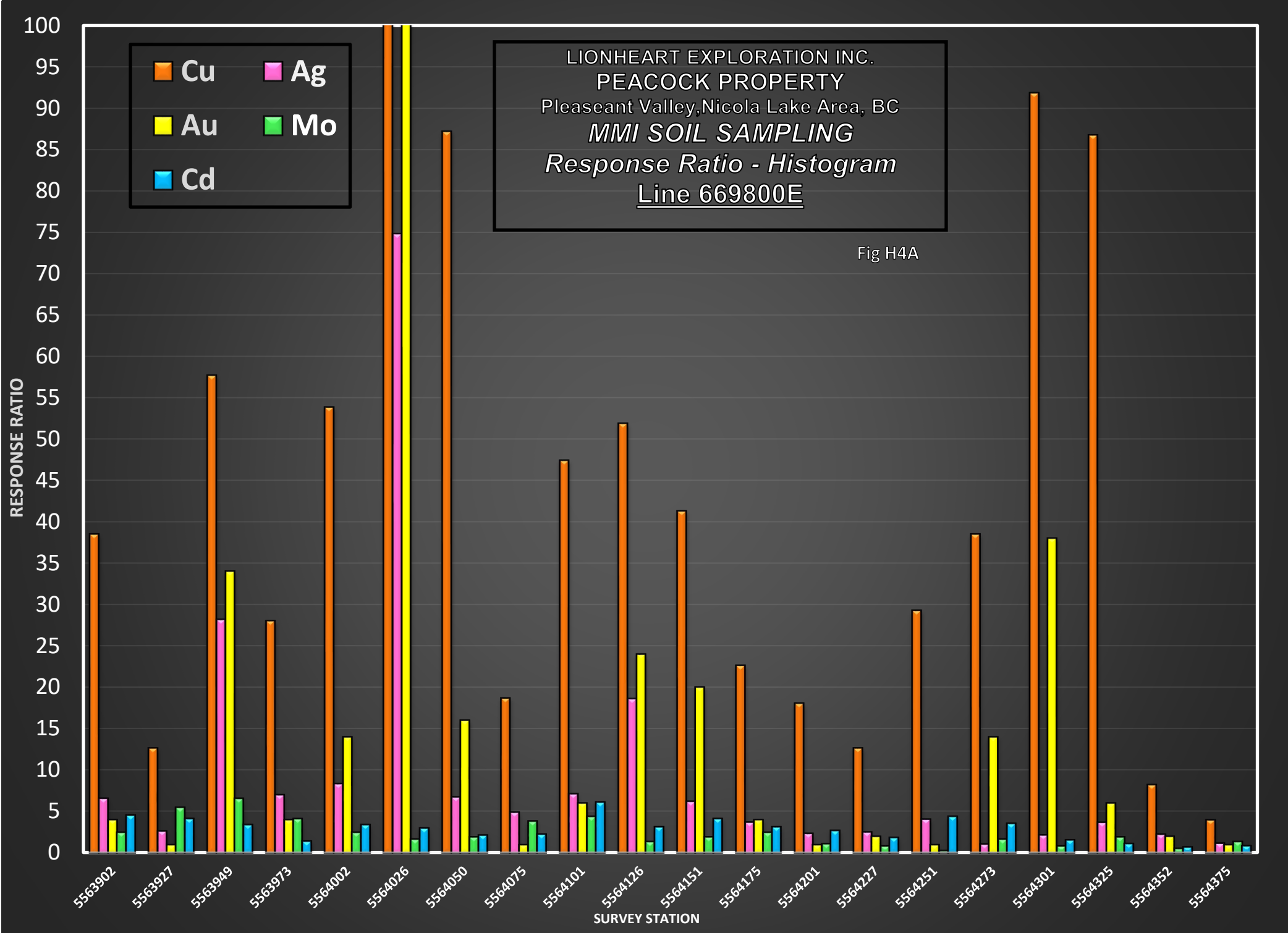


LIONHEART EXPLORATION INC.
PEACOCK PROPERTY
Pleasant Valley, Nicola Lake Area, BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 669700E

Pb Zn
Ni Co
Ce U

Fig H3b

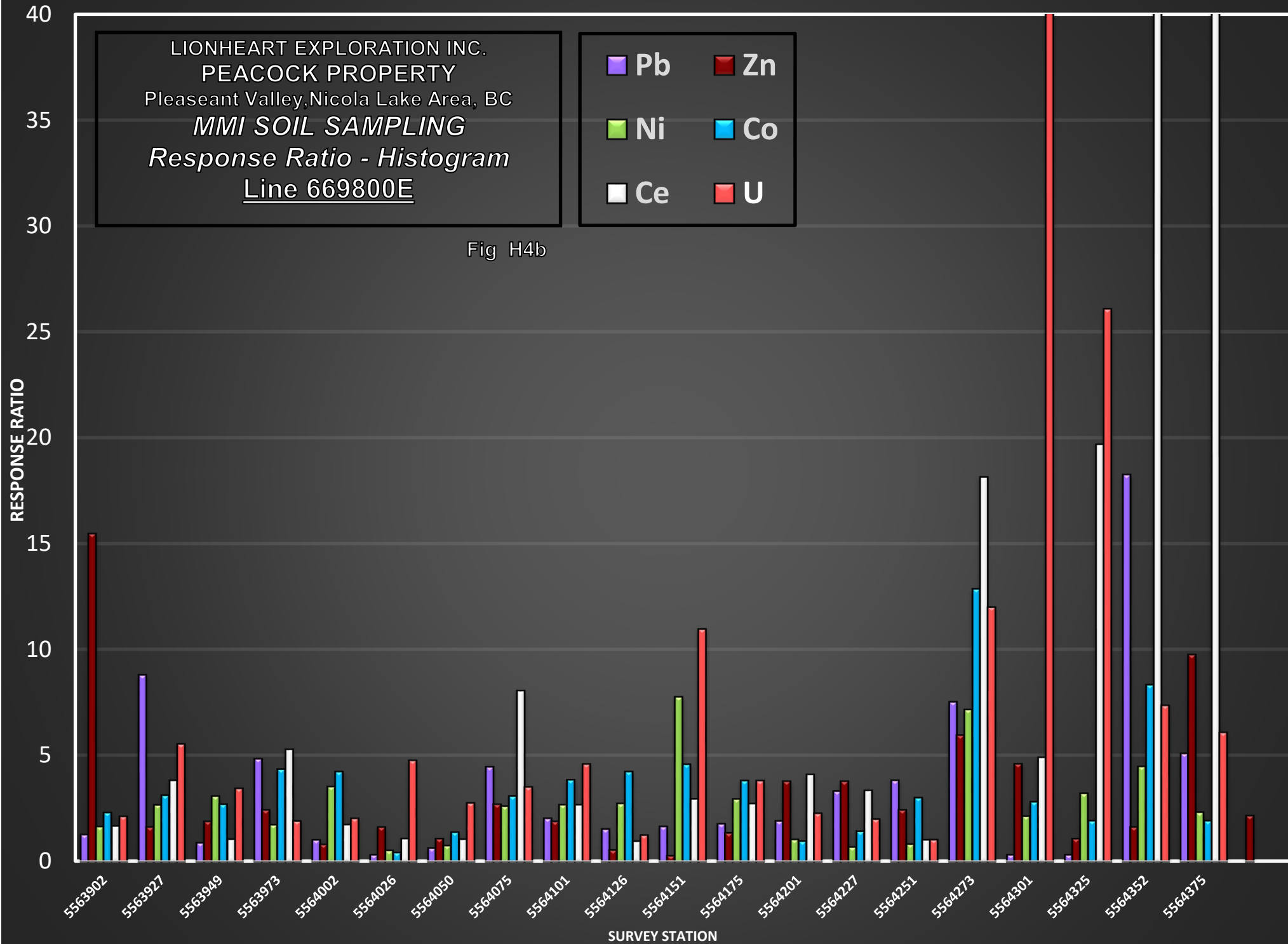


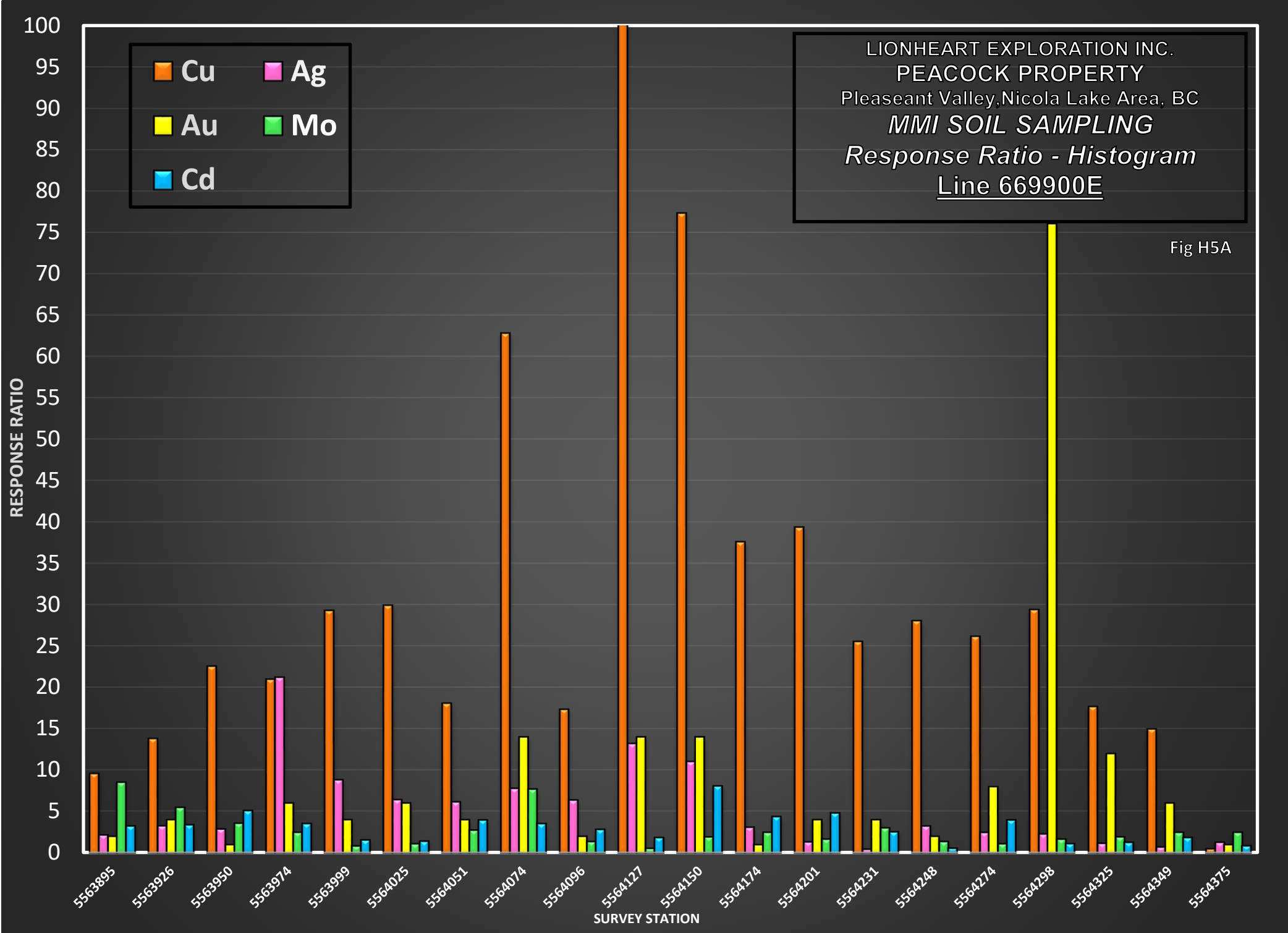


LIONHEART EXPLORATION INC.
PEACOCK PROPERTY
Pleasant Valley, Nicola Lake Area, BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 669800E

Pb Zn
Ni Co
Ce U

Fig H4b

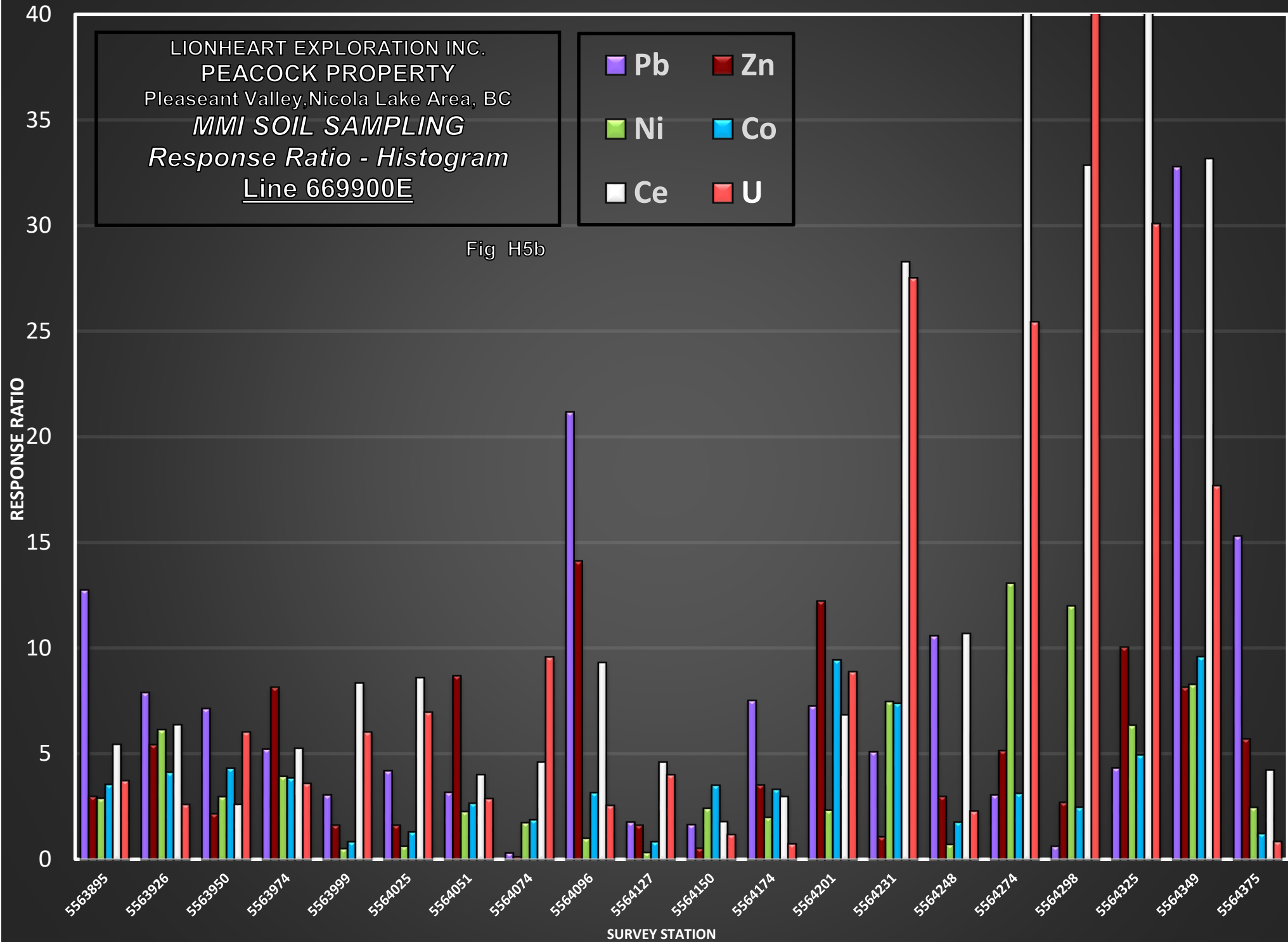




LIONHEART EXPLORATION INC.
 PEACOCK PROPERTY
 Pleasant Valley, Nicola Lake Area, BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 669900E

Pb **Zn**
Ni **Co**
Ce **U**

Fig H5b



LIONHEART EXPLORATION INC.
PEACOCK PROPERTY
Pleasant Valley, Nicola Lake Area, BC
MMI SOIL SAMPLING
Response Ratio - Histogram
Line 670000E

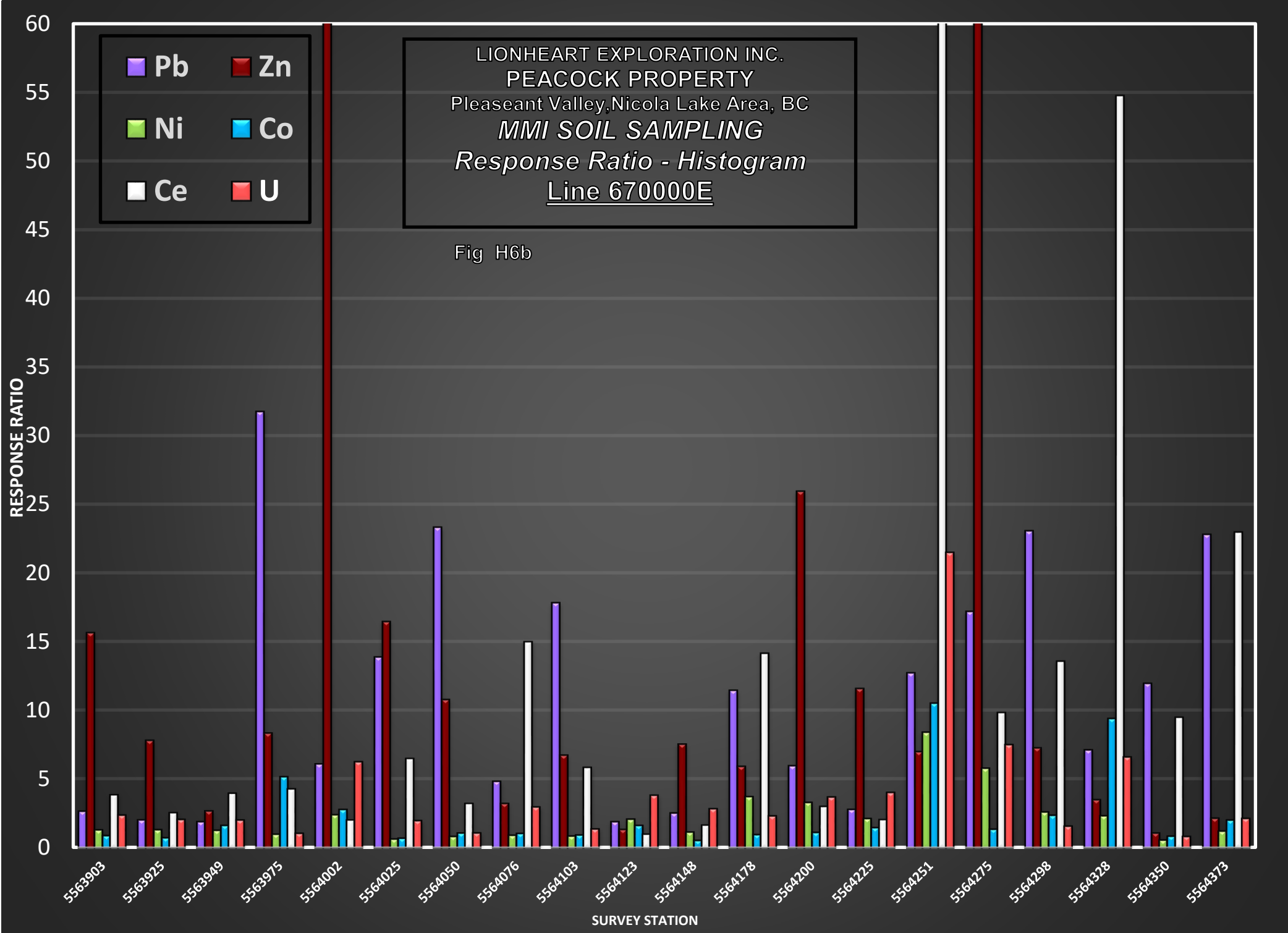
Cu **Ag**
Au **Mo**
Cd

Fig H6A

RESPONSE RATIO

5563903 5563925 5563949 5563975 5564002 5564025 5564050 5564076 5564103 5564123 5564148 5564178 5564200 5564225 5564251 5564275 5564298 5564328 5564350 5564373

SURVEY STATION





ANALYSIS REPORT BBM22-24409

To COD SGS MINERALS - GEOCHEM VANCOUVER
GEOTRONICS – DAVID MARK
SGS CANADA INC
3260 PRODUCTION WAY
BURNABY V5A 4W4
BC
CANADA

Order Number	GEOTRONICS	Date Received	15-Nov-2022
Project	Geotronics Consulting Inc.	Date Analysed	06-Dec-2022 - 11-Mar-2023
Submission Number	GEOTRONICS/ 321 Soils (197-321)	Date Completed	11-Mar-2023
Number of Samples	125	SGS Order Number	BBM22-24409

Methods Summary

Number of Sample	Method Code	Description
125	G_WGH_KG	Weight of samples received
125	GE_MMIM	Mobile Metal ION standard package, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received

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Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- ppb	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- ppb	Au GE_MMIM 0.1 -- ppb	Ba GE_MMIM 10 -- ppb
HC1500-2	0.27	12.1	225	10	<0.1	200
HC1500-3	0.26	11.2	255	20	<0.1	530
HC1500-4	0.25	6.4	190	20	<0.1	1070
HC1500-5	0.26	12.2	225	<10	<0.1	90
HC1500-6	0.24	8.9	272	10	<0.1	170
HC1500-7	0.30	9.0	285	10	<0.1	210
HC1500-9	0.24	5.5	226	<10	<0.1	90
HC1500-10	0.29	3.6	259	10	<0.1	130
HC1500-11	0.29	10.9	143	<10	0.4	90
HC1500-12	0.35	13.7	284	110	0.7	4180
HC1500-13	0.21	5.2	215	<10	<0.1	130
HC1500-14	0.21	15.6	171	10	0.1	300
HC1500-15	0.35	8.0	170	60	0.4	2080
HC1500-16	0.29	16.1	315	20	0.1	270
HC1600-1	0.21	26.5	197	50	0.2	400
HC1600-2	0.23	19.4	246	120	0.2	740
HC1600-3	0.24	4.9	193	<10	<0.1	360
HC1600-4	0.28	7.7	199	50	0.3	2660
HC1600-5	0.30	13.1	181	50	0.5	1890
HC1600-6	0.33	8.8	242	70	0.4	2070
HC1600-7	0.27	10.4	208	20	0.1	1060
HC1600-8	0.27	10.4	287	110	0.6	320
HC1600-9	0.34	8.8	155	110	0.8	2540
HC1600-9	0.27	7.7	234	100	0.5	2920
HC1600-10	0.30	10.4	225	120	0.8	3290
HC1600-11	0.29	4.8	221	60	0.4	1070
HC1600-12	0.25	24.5	208	20	0.2	150
HC1600-13	0.22	19.4	232	30	<0.1	420
HC1600-14	0.26	5.0	123	60	0.2	1920

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HC1700-1	0.22	12.5	271	20	<0.1	150
HC1700-2	0.29	16.3	321	80	0.4	780
HC1700-3	0.21	3.0	256	60	<0.1	560
HC1700-4	0.28	8.3	315	60	0.2	360
HC1700-5	0.24	10.3	263	80	0.2	420
HC1700-6	0.28	5.6	233	90	<0.1	460
HC1700-7	0.26	18.1	208	20	0.3	370
HC1700-8	0.20	12.6	170	100	0.4	1600
HC1700-9	0.25	6.1	248	90	0.2	1390
HC1700-10	0.19	9.6	274	60	0.3	950
HC1700-11	0.24	4.7	134	50	0.3	1250
HC1700-12	0.23	11.6	282	60	0.4	600
HC1700-13	0.24	14.0	331	110	0.2	1020
HC1800-1	0.29	13.2	245	30	<0.1	150
HC1800-2	0.25	8.0	256	40	<0.1	140
HC1800-3	0.23	15.0	151	20	<0.1	240
HC1800-4	0.27	8.0	221	10	0.1	80
HC1800-5	0.28	17.8	195	20	0.1	60
HC1800-6	0.27	11.1	270	80	0.3	230
HC1800-7	0.39	9.0	187	110	0.7	3130
HC1800-8	0.23	10.7	297	40	0.2	620
HC1800-9	0.22	9.1	309	30	<0.1	190
HC1800-10	0.18	13.1	316	30	0.2	470
HC1800-11	0.20	14.3	296	30	0.2	420
HC1800-12	0.19	15.2	320	80	0.2	240
HC1900-1	0.28	11.8	230	70	<0.1	470
HC1900-2	0.21	5.8	288	100	<0.1	510
HC1900-3	0.21	6.8	250	60	0.1	460
HC1900-4	0.20	5.1	266	120	0.3	470

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Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- ppb	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- ppb	Au GE_MMIM 0.1 -- ppb	Ba GE_MMIM 10 -- ppb
HC1900-5	0.39	19.8	162	420	0.5	1950
HC1900-6	0.25	15.2	245	30	0.4	1040
HC1900-7	0.23	18.2	241	150	<0.1	1080
HC1900-8	0.22	18.4	200	70	<0.1	690
HC1900-9	0.23	26.9	220	40	0.2	930
HC2000-1	0.34	7.7	158	90	0.1	1250
HC2000-2	0.28	7.6	269	60	<0.1	210
HC2000-3	0.26	4.4	357	150	0.2	420
HC2000-4	0.29	4.7	327	130	0.3	620
HC2000-5	0.19	2.6	165	50	0.2	1790
HC2000-6	0.24	14.8	272	50	0.1	710
HC2000-7	0.28	14.1	209	60	0.1	510
HC2000-9	0.33	10.4	217	130	0.4	2830
HC2100-1	0.35	5.3	225	80	0.4	3140
HC2100-2	0.35	17.8	222	40	0.3	1130
HC2100-3	0.33	10.3	176	100	0.4	2430
HC2100-4	0.25	19.8	239	90	0.2	1210
HC2100-5	0.28	18.6	374	80	0.3	4040
HC2100-6	0.22	10.0	237	10	<0.1	120
HC2100-7	0.29	33.0	231	40	0.1	910
HC2100-8	0.24	13.0	293	30	<0.1	250
HC2200-1	0.21	10.6	290	90	0.5	1760
HC2200-2	0.21	7.2	309	40	0.1	420
HC2200-3	0.22	8.9	339	70	<0.1	320
HC2200-4	0.20	5.4	228	40	<0.1	410
HC2200-5	0.15	9.5	216	10	<0.1	120
HC2200-6	0.19	0.5	268	30	<0.1	560
HC0100-25	0.27	22.4	225	<10	<0.1	970
HC0200-01	0.29	4.5	268	40	<0.1	700

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HC0200-12	0.27	5.6	338	90	<0.1	1100
HC0300-01	0.31	19.1	250	<10	<0.1	160
HC0300-10	0.22	17.7	321	30	<0.1	700
HC0400-01	0.32	20.9	317	<10	0.2	1940
HC0500-01	0.21	2.8	289	<10	<0.1	330
HC0700-01	0.28	5.6	417	50	<0.1	1780
HC1400-01	0.23	3.1	290	70	<0.1	1000
HC1500-08	0.27	4.7	293	70	<0.1	1110
HC2000-08	0.22	25.4	54	<10	0.4	40
4000N-8500E	0.29	7.7	52	<10	<0.1	6490
4000N-8550E	0.31	19.4	32	<10	<0.1	4310
4000N-8600E	0.27	18.6	43	<10	0.1	4540
4000N-8650E	0.28	31.7	6	<10	0.2	1680
4000N-8700E	0.27	23.7	6	<10	0.1	3220
4000N-8750E	0.29	17.0	30	<10	<0.1	7100
4000N-8800E	0.31	8.7	37	<10	<0.1	3990
4000N-8850E	0.28	22.7	42	<10	0.1	3530
4000N-8900E	0.30	23.3	35	<10	<0.1	6780
4000N-8950E	0.27	16.6	32	<10	<0.1	9710
4000N-9000E	0.29	6.4	71	<10	<0.1	8420
4000N-9050E	0.22	6.9	66	<10	0.1	10700
4000N-9100E	0.33	10.1	37	<10	0.5	5830
4000N-9150E	0.28	13.5	32	<10	<0.1	5190
4000N-9200E	0.29	9.1	48	<10	<0.1	8950
4100N-8550E	0.20	12.3	18	<10	<0.1	2630
4100N-8600E	0.31	19.5	56	<10	0.1	3680
4100N-8650E	0.26	10.1	25	10	<0.1	2790
4100N-8700E	0.31	16.2	33	<10	0.2	3670
4100N-8750E	0.34	11.4	67	<10	<0.1	3170

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4100N-8800E	0.35	3.7	81	<10	<0.1	2800
4100N-8850E	0.30	8.9	70	<10	<0.1	2240
4100N-8900E	0.32	26.1	57	<10	<0.1	3320
4100N-8950E	0.30	10.5	61	<10	<0.1	4090
4100N-9000E	0.38	6.1	56	<10	0.2	6670
4100N-9050E	0.30	7.1	76	10	<0.1	8620
4100N-9100E	0.28	16.5	22	<10	0.3	8850
4100N-9150E	0.28	13.3	46	<10	<0.1	5140
4100N-9200E	0.32	17.0	38	<10	0.1	7000
*Rep HC0400-01	-	18.8	329	<10	0.2	2070
*Rep 4000N-8900E	-	21.3	33	<10	<0.1	6700
*Rep 4100N-8800E	-	4.9	81	<10	<0.1	2710
*Rep HC2000-2	-	7.0	246	50	<0.1	200
*Rep HC2000-7	-	14.1	220	60	0.2	540
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Std MMISRM19	-	28.0	28	10	6.5	1520
*Rep HC1500-11	-	10.7	148	<10	0.3	70
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Rep HC1600-14	-	5.7	142	60	0.2	2060
*Std MMISRM24	-	18.5	36	<10	3.6	100
*Rep HC1800-5	-	15.4	156	<10	0.2	50

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
HC1500-2	<0.5	2	23	40	7	<100
HC1500-3	<0.5	<2	18	24	21	<100

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Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
HC1500-4	<0.5	51	43	56	24	<100
HC1500-5	<0.5	<2	21	23	32	<100
HC1500-6	<0.5	2	14	41	19	<100
HC1500-7	<0.5	5	17	59	49	<100
HC1500-9	<0.5	<2	28	9	27	<100
HC1500-10	<0.5	4	41	29	31	<100
HC1500-11	<0.5	3	4	86	21	<100
HC1500-12	<0.5	47	12	181	149	100
HC1500-13	<0.5	4	9	9	25	<100
HC1500-14	<0.5	5	31	88	124	<100
HC1500-15	<0.5	51	8	119	98	<100
HC1500-16	<0.5	<2	17	44	26	100
HC1600-1	<0.5	3	13	25	24	<100
HC1600-2	<0.5	34	11	90	80	<100
HC1600-3	<0.5	60	25	22	14	<100
HC1600-4	<0.5	86	8	318	108	<100
HC1600-5	<0.5	85	15	157	87	<100
HC1600-6	<0.5	38	14	197	159	<100
HC1600-7	<0.5	8	15	81	56	<100
HC1600-8	<0.5	<2	19	57	360	<100
HC1600-9	<0.5	57	5	169	170	<100
HC1600-9	0.8	53	14	132	207	<100
HC1600-10	<0.5	73	10	150	117	100
HC1600-11	0.6	60	12	101	184	<100
HC1600-12	<0.5	8	19	66	35	<100
HC1600-13	<0.5	11	31	60	233	<100
HC1600-14	<0.5	90	8	85	106	<100
HC1700-1	<0.5	6	32	39	54	<100
HC1700-2	<0.5	2	11	70	45	<100

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HC1700-3	4.1	35	24	49	46	100
HC1700-4	<0.5	3	11	46	45	200
HC1700-5	<0.5	7	17	135	406	<100
HC1700-6	1.1	3	9	106	52	<100
HC1700-7	<0.5	<2	18	36	41	<100
HC1700-8	<0.5	140	9	149	90	<100
HC1700-9	0.5	75	14	153	585	100
HC1700-10	<0.5	24	19	103	148	<100
HC1700-11	<0.5	215	17	37	90	<100
HC1700-12	<0.5	36	13	68	73	<100
HC1700-13	<0.5	10	16	139	286	100
HC1800-1	<0.5	11	18	46	30	<100
HC1800-2	0.5	6	28	18	31	<100
HC1800-3	<0.5	20	27	37	77	<100
HC1800-4	<0.5	8	18	19	48	<100
HC1800-5	<0.5	2	16	44	49	<100
HC1800-6	<0.5	10	13	147	33	100
HC1800-7	<0.5	19	5	181	98	<100
HC1800-8	<0.5	29	21	72	57	<100
HC1800-9	<0.5	9	17	28	32	<100
HC1800-10	<0.5	4	16	44	34	100
HC1800-11	<0.5	3	21	52	38	<100
HC1800-12	<0.5	3	22	78	20	100
HC1900-1	<0.5	25	31	29	86	<100
HC1900-2	<0.5	18	27	57	125	<100
HC1900-3	<0.5	8	31	30	688	<100
HC1900-4	<0.5	4	10	53	33	200
HC1900-5	0.6	55	6	337	114	100
HC1900-6	<0.5	43	6	66	45	<100

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HC1900-7	<0.5	78	16	54	111	<100
HC1900-8	<0.5	12	21	33	187	<100
HC1900-9	<0.5	55	12	29	87	<100
HC2000-1	0.6	162	12	37	286	<100
HC2000-2	1.0	3	19	31	81	<100
HC2000-3	<0.5	14	14	65	207	100
HC2000-4	<0.5	25	9	102	221	<100
HC2000-5	<0.5	84	90	38	63	<100
HC2000-6	<0.5	67	32	53	93	<100
HC2000-7	<0.5	41	11	62	33	<100
HC2000-9	<0.5	111	11	169	199	100
HC2100-1	0.8	97	11	250	204	<100
HC2100-2	<0.5	63	14	93	87	<100
HC2100-3	<0.5	119	8	197	413	100
HC2100-4	<0.5	72	9	132	78	<100
HC2100-5	<0.5	12	10	146	83	100
HC2100-6	<0.5	<2	7	19	7	<100
HC2100-7	<0.5	61	20	50	304	<100
HC2100-8	<0.5	<2	14	26	27	<100
HC2200-1	<0.5	45	15	151	186	100
HC2200-2	<0.5	15	15	42	85	<100
HC2200-3	<0.5	10	15	64	66	<100
HC2200-4	1.1	143	43	23	56	<100
HC2200-5	<0.5	<2	10	17	21	<100
HC2200-6	1.1	32	5	7	11	<100
HC0100-25	<0.5	3	21	44	59	<100
HC0200-01	1.5	2	4	19	39	100
HC0200-12	1.1	<2	2	91	27	600
HC0300-01	<0.5	7	11	22	20	<100

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HC0300-10	<0.5	4	15	37	47	100
HC0400-01	<0.5	7	10	17	44	100
HC0500-01	<0.5	<2	12	18	47	<100
HC0700-01	<0.5	12	23	86	148	100
HC1400-01	2.0	18	27	40	124	<100
HC1500-08	1.3	34	40	73	62	100
HC2000-08	<0.5	<2	9	10	12	<100
4000N-8500E	<0.5	597	15	200	61	<100
4000N-8550E	<0.5	454	14	169	77	<100
4000N-8600E	<0.5	509	10	252	141	<100
4000N-8650E	<0.5	596	7	3	69	<100
4000N-8700E	<0.5	703	3	<2	26	<100
4000N-8750E	<0.5	505	11	89	54	<100
4000N-8800E	<0.5	509	8	85	65	<100
4000N-8850E	<0.5	423	8	291	73	<100
4000N-8900E	<0.5	663	11	148	123	<100
4000N-8950E	<0.5	784	9	174	150	<100
4000N-9000E	<0.5	463	10	320	66	<100
4000N-9050E	<0.5	713	76	269	31	<100
4000N-9100E	<0.5	518	9	387	100	<100
4000N-9150E	<0.5	580	12	272	100	<100
4000N-9200E	<0.5	595	13	291	167	<100
4100N-8550E	<0.5	305	18	72	151	<100
4100N-8600E	<0.5	284	7	583	116	<100
4100N-8650E	<0.5	282	15	66	89	<100
4100N-8700E	<0.5	452	13	189	135	<100
4100N-8750E	<0.5	375	16	94	25	<100
4100N-8800E	<0.5	371	13	359	184	<100
4100N-8850E	<0.5	409	14	147	79	<100

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 Number of Samples 125

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Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
4100N-8900E	<0.5	477	11	223	79	<100
4100N-8950E	<0.5	436	12	327	59	<100
4100N-9000E	<0.5	451	6	494	123	<100
4100N-9050E	<0.5	532	12	271	124	<100
4100N-9100E	<0.5	779	8	12	140	<100
4100N-9150E	<0.5	568	25	193	104	<100
4100N-9200E	<0.5	450	10	295	79	<100
*Rep HC0400-01	0.5	7	9	16	46	100
*Rep 4000N-8900E	<0.5	640	9	180	106	<100
*Rep 4100N-8800E	<0.5	371	13	347	184	<100
*Rep HC2000-2	0.9	3	18	28	75	<100
*Rep HC2000-7	<0.5	40	12	63	37	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Std MMISRM19	<0.5	822	44	<2	526	<100
*Rep HC1500-11	<0.5	3	4	89	25	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Rep HC1600-14	<0.5	108	10	96	115	<100
*Std MMISRM24	<0.5	55	6	48	17	<100
*Rep HC1800-5	<0.5	<2	16	36	39	<100

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
HC1500-2	8.3	160	19.3	11.9	2.3	31
HC1500-3	21.3	260	4.1	3.8	0.5	119
HC1500-4	6.2	180	25.3	14.5	3.7	21
HC1500-5	8.7	140	8.7	6.4	0.9	54

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
HC1500-6	2.9	70	14.6	11.7	1.6	91
HC1500-7	10.2	170	15.1	8.4	2.7	29
HC1500-9	5.4	120	5.4	4.8	0.4	48
HC1500-10	12.4	450	13.6	8.6	1.5	23
HC1500-11	8.1	330	22.4	13.9	5.7	4
HC1500-12	6.3	1600	30.5	15.8	9.3	73
HC1500-13	3.8	190	2.8	2.5	0.4	62
HC1500-14	12.5	590	30.1	18.9	5.1	29
HC1500-15	4.1	570	14.9	7.5	4.8	43
HC1500-16	23.0	310	9.5	6.3	1.7	96
HC1600-1	9.0	310	13.1	8.1	2.0	60
HC1600-2	12.9	200	21.5	12.4	6.2	48
HC1600-3	3.0	130	7.0	3.6	0.9	70
HC1600-4	9.6	380	28.8	14.9	9.3	38
HC1600-5	3.8	510	31.0	17.1	9.0	46
HC1600-6	6.4	580	35.3	19.4	10.0	53
HC1600-7	9.0	430	41.4	27.6	6.8	19
HC1600-8	12.3	780	7.3	4.2	1.6	70
HC1600-9	9.4	530	25.5	12.0	8.1	40
HC1600-9	6.4	1240	30.6	16.2	8.6	88
HC1600-10	6.4	850	25.7	13.9	9.1	66
HC1600-11	3.9	630	20.3	10.9	5.3	80
HC1600-12	13.4	360	23.2	13.9	4.7	16
HC1600-13	10.2	450	19.8	11.4	3.2	51
HC1600-14	5.8	300	10.7	5.5	3.3	37
HC1700-1	19.1	390	15.9	10.0	1.9	57
HC1700-2	16.4	660	16.2	9.3	3.3	53
HC1700-3	2.4	230	10.0	5.9	2.2	129
HC1700-4	12.3	310	7.8	5.0	1.6	177

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
HC1700-5	13.8	520	26.1	14.7	4.9	68
HC1700-6	4.9	170	25.1	20.7	4.3	199
HC1700-7	10.0	180	12.1	7.5	2.0	28
HC1700-8	4.8	900	28.0	15.3	9.3	56
HC1700-9	6.2	650	37.2	19.8	8.1	119
HC1700-10	6.2	620	32.5	18.5	6.7	73
HC1700-11	2.0	450	15.0	9.9	3.7	77
HC1700-12	8.4	440	16.0	8.5	4.0	68
HC1700-13	10.8	600	41.4	23.6	10.4	47
HC1800-1	10.7	190	14.6	8.4	2.9	57
HC1800-2	6.3	200	9.3	6.3	1.1	98
HC1800-3	11.8	290	14.6	8.1	2.6	31
HC1800-4	9.4	180	7.8	5.0	1.3	43
HC1800-5	24.5	360	14.6	8.5	2.4	26
HC1800-6	15.3	260	23.3	12.3	5.8	80
HC1800-7	11.1	440	20.3	9.6	6.5	34
HC1800-8	12.4	310	16.6	9.0	3.8	49
HC1800-9	7.0	150	11.2	7.7	1.7	129
HC1800-10	9.6	280	6.5	4.3	1.4	117
HC1800-11	12.9	110	10.8	6.5	1.9	50
HC1800-12	6.4	270	13.8	8.9	2.9	169
HC1900-1	13.0	200	14.8	9.9	2.0	63
HC1900-2	14.5	150	14.8	9.8	1.9	86
HC1900-3	19.9	520	18.4	15.2	2.0	55
HC1900-4	8.5	250	6.6	5.7	1.3	171
HC1900-5	9.6	320	34.3	18.3	8.6	68
HC1900-6	18.6	680	15.5	9.1	3.7	29
HC1900-7	28.0	230	13.9	9.2	2.5	111
HC1900-8	22.5	330	22.6	15.0	3.4	36

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
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 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
HC1900-9	17.5	230	15.0	9.8	2.7	24
HC2000-1	11.2	180	11.2	7.5	2.5	131
HC2000-2	12.9	430	7.5	5.0	1.3	122
HC2000-3	9.2	350	12.2	6.3	2.2	102
HC2000-4	10.2	170	21.2	11.1	5.1	44
HC2000-5	3.3	1180	24.7	17.0	3.5	33
HC2000-6	12.1	360	15.4	8.8	2.9	118
HC2000-7	13.1	360	15.3	8.7	3.4	19
HC2000-9	10.0	510	23.0	12.2	6.7	81
HC2100-1	6.5	1080	45.5	22.6	12.4	84
HC2100-2	21.4	620	35.3	19.4	8.2	36
HC2100-3	15.8	3130	22.2	11.2	7.3	57
HC2100-4	21.3	880	29.1	18.6	6.1	101
HC2100-5	14.9	460	16.6	9.0	4.3	82
HC2100-6	6.4	170	5.9	5.0	1.0	71
HC2100-7	12.7	290	21.1	13.1	4.0	26
HC2100-8	12.1	240	7.6	5.6	1.4	101
HC2200-1	11.0	1130	27.3	15.4	7.2	66
HC2200-2	13.8	310	11.8	6.5	2.5	57
HC2200-3	14.3	200	13.1	7.3	2.4	109
HC2200-4	1.7	220	12.2	8.3	1.4	170
HC2200-5	8.0	100	4.3	3.7	0.7	66
HC2200-6	1.4	50	2.2	1.7	0.3	140
HC0100-25	15.9	310	22.1	11.0	5.6	23
HC0200-01	3.7	210	3.6	3.1	0.5	324
HC0200-12	29.0	630	6.8	3.4	2.5	244
HC0300-01	9.4	200	11.6	7.4	1.4	86
HC0300-10	24.9	340	7.2	4.6	1.6	108
HC0400-01	48.2	750	3.2	1.9	0.9	177

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
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 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
HC0500-01	14.6	330	6.3	6.5	0.7	103
HC0700-01	36.4	540	11.1	7.7	1.7	113
HC1400-01	9.4	360	9.0	9.0	0.8	258
HC1500-08	9.4	430	15.5	9.6	2.4	132
HC2000-08	17.3	140	10.1	9.8	1.2	6
4000N-8500E	0.4	640	48.3	28.3	12.1	27
4000N-8550E	<0.2	1190	54.7	33.3	13.5	22
4000N-8600E	0.3	1560	72.6	46.2	17.9	17
4000N-8650E	0.3	2790	1.2	0.8	0.3	10
4000N-8700E	0.5	5210	<0.5	<0.2	<0.2	16
4000N-8750E	0.5	1500	37.5	20.6	10.4	20
4000N-8800E	0.3	620	36.7	21.1	9.2	18
4000N-8850E	0.2	1490	61.0	34.7	17.6	38
4000N-8900E	<0.2	1740	73.3	42.5	16.5	24
4000N-8950E	<0.2	4000	64.9	38.1	16.5	28
4000N-9000E	0.2	480	40.6	23.2	10.8	42
4000N-9050E	0.5	400	28.2	16.6	8.6	48
4000N-9100E	<0.2	890	45.3	25.0	12.0	43
4000N-9150E	<0.2	1120	71.9	43.2	17.1	26
4000N-9200E	<0.2	1140	44.8	27.1	12.4	37
4100N-8550E	<0.2	2200	27.3	16.7	6.7	8
4100N-8600E	<0.2	750	89.3	49.1	22.9	40
4100N-8650E	<0.2	590	25.0	14.9	5.7	9
4100N-8700E	0.2	1730	63.8	37.8	16.5	16
4100N-8750E	0.3	1090	33.4	20.2	8.5	43
4100N-8800E	0.5	880	85.2	56.6	19.4	33
4100N-8850E	0.3	810	33.3	20.2	8.2	33
4100N-8900E	0.2	1620	70.9	42.5	16.9	38
4100N-8950E	0.3	940	55.5	33.4	15.0	40

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 Number of Samples 125

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Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
4100N-9000E	<0.2	750	57.0	33.5	14.7	54
4100N-9050E	<0.2	1030	52.2	30.9	13.5	42
4100N-9100E	<0.2	1980	16.4	11.5	3.3	20
4100N-9150E	<0.2	1220	41.3	24.0	10.7	35
4100N-9200E	<0.2	1350	49.6	27.9	13.9	36
*Rep HC0400-01	49.2	710	2.8	1.9	0.8	186
*Rep 4000N-8900E	<0.2	1700	73.5	43.3	18.2	25
*Rep 4100N-8800E	0.4	940	80.3	51.9	19.1	31
*Rep HC2000-2	12.4	420	7.0	5.0	1.2	116
*Rep HC2000-7	13.5	390	16.2	8.6	3.5	18
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Std MMISRM19	4.3	2240	10.1	7.6	0.9	12
*Rep HC1500-11	7.4	330	23.2	14.0	6.4	5
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Rep HC1600-14	5.9	340	12.3	6.1	3.8	41
*Std MMISRM24	8.9	240	4.0	1.8	1.4	10
*Rep HC1800-5	20.4	330	13.9	7.7	2.1	19

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
HC1500-2	23.0	12.0	2	0.1	5.8	19
HC1500-3	15.1	2.0	1	0.2	5.1	9
HC1500-4	8.1	20.2	<1	<0.1	8.1	35
HC1500-5	21.2	4.4	<1	0.2	2.3	9
HC1500-6	53.9	8.5	1	0.2	2.8	24
HC1500-7	17.5	12.8	1	0.1	5.4	29

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
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Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
HC1500-9	8.0	2.5	1	0.2	5.1	6
HC1500-10	14.5	8.1	1	0.1	8.4	13
HC1500-11	13.4	21.9	1	<0.1	4.3	31
HC1500-12	21.1	35.6	<1	0.1	16.9	80
HC1500-13	12.2	1.6	<1	0.2	3.6	5
HC1500-14	18.4	24.4	<1	0.1	11.4	39
HC1500-15	14.5	18.2	<1	0.1	12.0	55
HC1500-16	22.3	6.6	<1	0.2	3.3	21
HC1600-1	19.7	9.1	<1	0.2	14.4	13
HC1600-2	24.8	24.9	<1	<0.1	16.1	62
HC1600-3	11.6	4.2	<1	0.1	15.9	6
HC1600-4	15.4	37.9	<1	<0.1	24.1	142
HC1600-5	11.0	35.5	<1	0.1	19.9	109
HC1600-6	16.9	41.5	<1	0.1	18.5	129
HC1600-7	8.1	33.5	<1	<0.1	11.6	67
HC1600-8	15.5	6.5	2	0.2	9.4	21
HC1600-9	14.0	32.7	<1	<0.1	13.0	75
HC1600-9	14.9	34.0	1	0.2	14.8	57
HC1600-10	19.2	33.3	<1	0.1	15.7	78
HC1600-11	16.8	21.8	<1	0.2	19.4	48
HC1600-12	13.6	22.5	<1	<0.1	8.8	40
HC1600-13	14.5	15.6	<1	0.2	10.4	24
HC1600-14	12.9	13.0	<1	<0.1	11.5	40
HC1700-1	27.2	9.4	1	0.1	7.5	18
HC1700-2	23.6	13.8	1	0.2	5.4	28
HC1700-3	74.6	9.2	2	0.6	6.3	24
HC1700-4	41.2	5.7	1	0.3	2.8	19
HC1700-5	18.7	21.5	<1	0.2	7.1	41
HC1700-6	53.4	18.6	2	0.6	8.9	59

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
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 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
HC1700-7	9.8	8.6	<1	<0.1	3.1	14
HC1700-8	11.1	35.7	<1	0.1	20.7	100
HC1700-9	16.7	38.9	<1	0.2	12.7	61
HC1700-10	17.4	31.3	1	0.2	13.3	45
HC1700-11	3.7	15.9	<1	<0.1	13.4	27
HC1700-12	26.4	15.6	<1	0.1	16.6	32
HC1700-13	20.8	46.1	2	0.1	6.1	135
HC1800-1	33.2	12.8	1	0.2	5.2	22
HC1800-2	40.0	5.1	<1	0.4	6.0	6
HC1800-3	10.4	12.1	<1	0.1	5.8	18
HC1800-4	10.4	4.7	<1	0.1	11.8	8
HC1800-5	12.4	10.1	<1	0.1	6.9	16
HC1800-6	32.9	25.6	2	<0.1	8.4	67
HC1800-7	16.2	24.4	<1	<0.1	14.0	84
HC1800-8	21.5	16.1	1	0.1	10.9	33
HC1800-9	55.5	6.4	1	0.2	4.1	11
HC1800-10	25.8	5.3	3	0.2	5.1	17
HC1800-11	11.4	7.8	1	0.1	2.3	24
HC1800-12	62.0	11.0	<1	0.2	1.7	30
HC1900-1	26.5	9.7	<1	0.2	8.0	12
HC1900-2	22.3	8.3	2	0.2	7.7	13
HC1900-3	21.1	9.2	1	0.2	12.2	11
HC1900-4	32.6	5.6	2	0.3	5.1	29
HC1900-5	22.4	41.1	<1	0.1	14.2	104
HC1900-6	12.1	16.6	<1	<0.1	26.7	34
HC1900-7	35.6	11.0	<1	0.1	13.8	21
HC1900-8	13.9	16.3	<1	<0.1	6.9	23
HC1900-9	10.4	11.9	<1	<0.1	11.1	19
HC2000-1	37.5	10.9	<1	0.1	8.8	22

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Order Number GEOTRONICS
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 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
HC2000-2	37.9	5.9	2	0.5	5.4	11
HC2000-3	33.6	10.3	2	0.2	4.0	21
HC2000-4	19.5	20.9	<1	0.1	10.7	40
HC2000-5	6.6	16.6	<1	<0.1	23.8	19
HC2000-6	36.5	12.3	<1	0.2	7.7	25
HC2000-7	11.3	14.5	<1	<0.1	18.7	23
HC2000-9	15.5	27.0	1	0.1	32.2	84
HC2100-1	15.3	52.4	1	0.3	13.8	101
HC2100-2	9.6	37.8	1	<0.1	19.8	57
HC2100-3	13.7	28.4	<1	0.1	19.9	103
HC2100-4	16.6	27.6	1	0.1	11.3	59
HC2100-5	22.0	16.5	2	0.1	14.6	54
HC2100-6	12.9	3.7	<1	0.2	1.8	9
HC2100-7	10.0	18.9	<1	<0.1	6.8	41
HC2100-8	14.5	5.1	1	0.2	5.0	13
HC2200-1	17.2	28.3	<1	0.1	16.0	62
HC2200-2	17.4	9.4	1	0.1	6.0	15
HC2200-3	48.8	9.9	1	0.2	9.7	22
HC2200-4	72.0	8.1	1	0.4	9.5	10
HC2200-5	13.1	2.8	1	0.2	3.3	10
HC2200-6	59.2	1.2	<1	0.3	9.2	3
HC0100-25	8.6	21.4	1	0.1	16.5	23
HC0200-01	72.2	2.4	2	0.3	10.1	11
HC0200-12	45.4	9.4	<1	0.6	5.1	33
HC0300-01	34.8	7.1	<1	0.1	11.6	8
HC0300-10	14.1	5.2	1	0.2	8.5	12
HC0400-01	12.5	3.0	1	0.3	7.3	12
HC0500-01	29.3	3.3	<1	0.2	19.0	9
HC0700-01	23.7	8.8	3	0.2	9.7	34

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
HC1400-01	51.7	4.5	3	0.6	11.3	14
HC1500-08	46.0	13.6	4	0.4	8.9	30
HC2000-08	27.0	5.8	<1	0.1	16.2	4
4000N-8500E	2.2	56.5	<1	<0.1	43.8	83
4000N-8550E	1.5	66.1	<1	<0.1	156	84
4000N-8600E	1.5	87.1	<1	<0.1	91.2	124
4000N-8650E	<0.5	1.3	<1	<0.1	144	<1
4000N-8700E	<0.5	<0.5	<1	<0.1	158	<1
4000N-8750E	1.0	50.4	<1	<0.1	60.0	54
4000N-8800E	1.3	45.0	<1	<0.1	184	44
4000N-8850E	2.1	80.1	<1	<0.1	85.8	145
4000N-8900E	1.3	84.5	<1	<0.1	83.4	87
4000N-8950E	1.1	76.8	<1	<0.1	57.9	69
4000N-9000E	1.8	46.8	<1	<0.1	38.7	106
4000N-9050E	2.4	34.4	<1	<0.1	72.7	73
4000N-9100E	1.4	50.6	<1	<0.1	44.8	126
4000N-9150E	1.5	83.1	<1	<0.1	85.3	98
4000N-9200E	1.7	52.3	<1	<0.1	49.5	100
4100N-8550E	0.9	31.7	<1	<0.1	196	35
4100N-8600E	2.0	101	<1	<0.1	45.3	238
4100N-8650E	1.1	28.6	<1	<0.1	234	36
4100N-8700E	1.4	77.0	<1	<0.1	141	90
4100N-8750E	1.8	39.2	<1	<0.1	88.3	52
4100N-8800E	2.4	91.9	<1	<0.1	66.4	141
4100N-8850E	2.1	37.6	<1	<0.1	103	56
4100N-8900E	1.9	84.0	<1	<0.1	86.3	123
4100N-8950E	2.6	69.6	<1	<0.1	92.4	128
4100N-9000E	2.3	65.9	<1	<0.1	43.8	153
4100N-9050E	2.0	59.0	<1	<0.1	157	114

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Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
4100N-9100E	0.5	15.3	<1	<0.1	171	5
4100N-9150E	1.9	48.1	<1	<0.1	86.7	80
4100N-9200E	1.8	64.1	<1	<0.1	118	139
*Rep HC0400-01	13.5	2.4	1	0.3	8.4	11
*Rep 4000N-8900E	1.3	88.2	<1	<0.1	78.5	97
*Rep 4100N-8800E	2.3	89.8	<1	<0.1	66.0	138
*Rep HC2000-2	35.9	5.0	2	0.5	5.2	10
*Rep HC2000-7	11.3	15.1	<1	<0.1	19.4	23
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Std MMISRM19	0.5	6.6	2	<0.1	94.7	<1
*Rep HC1500-11	15.0	22.5	2	<0.1	4.1	32
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Rep HC1600-14	13.6	15.3	<1	<0.1	12.7	46
*Std MMISRM24	3.2	5.4	4	<0.1	10.4	19
*Rep HC1800-5	9.8	8.6	<1	<0.1	6.6	12

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- ppb	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- ppb	Mo GE_MMIM 2 -- ppb	Nb GE_MMIM 0.5 -- ppb	Nd GE_MMIM 1 -- ppb
HC1500-2	2	0.9	3300	13	2.1	32
HC1500-3	2	0.6	300	7	<0.5	7
HC1500-4	3	3.7	2100	4	<0.5	55
HC1500-5	1	<0.5	300	5	1.2	11
HC1500-6	<1	<0.5	300	8	6.6	24
HC1500-7	<1	<0.5	1900	4	<0.5	40
HC1500-9	<1	<0.5	500	4	<0.5	5
HC1500-10	1	0.7	2700	2	<0.5	21

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Order Number GEOTRONICS
Project Geotronics Consulting Inc.
Submission Number GEOTRONICS/ 321 Soils (197-321)
Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
HC1500-11	<1	<0.5	400	<2	<0.5	71
HC1500-12	12	13.8	3500	4	2.1	121
HC1500-13	<1	1.1	<100	<2	<0.5	5
HC1500-14	2	1.4	2900	4	0.8	78
HC1500-15	3	7.7	4600	4	0.8	71
HC1500-16	3	2.3	100	11	1.4	24
HC1600-1	2	0.5	800	9	0.6	25
HC1600-2	3	1.9	2000	29	1.3	110
HC1600-3	1	5.5	200	15	<0.5	11
HC1600-4	5	5.5	3000	28	<0.5	197
HC1600-5	3	6.3	4600	20	<0.5	167
HC1600-6	4	3.6	4900	24	0.9	182
HC1600-7	2	1.1	1000	6	<0.5	131
HC1600-8	2	0.9	600	5	1.0	25
HC1600-9	4	5.9	2700	8	0.9	119
HC1600-9	10	14.9	5200	6	0.9	108
HC1600-10	5	9.0	3100	9	1.7	121
HC1600-11	7	8.0	10100	7	1.2	78
HC1600-12	1	<0.5	1100	12	<0.5	75
HC1600-13	2	2.9	1400	4	<0.5	43
HC1600-14	3	10.8	3900	7	0.7	53
HC1700-1	2	0.9	1600	5	1.8	25
HC1700-2	4	1.9	800	7	1.7	41
HC1700-3	3	4.6	800	16	12.6	29
HC1700-4	2	1.2	500	10	3.9	18
HC1700-5	7	1.7	4800	20	1.3	69
HC1700-6	3	1.3	300	27	9.2	62
HC1700-7	1	0.7	300	3	<0.5	25
HC1700-8	4	8.4	3900	26	0.7	143

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Order Number GEOTRONICS
Project Geotronics Consulting Inc.
Submission Number GEOTRONICS/ 321 Soils (197-321)
Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- ppb	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- ppb	Mo GE_MMIM 2 -- ppb	Nb GE_MMIM 0.5 -- ppb	Nd GE_MMIM 1 -- ppb
HC1700-9	7	10.5	9600	19	1.1	117
HC1700-10	5	3.9	5100	16	0.6	86
HC1700-11	4	11.2	5500	16	<0.5	46
HC1700-12	1	2.8	1900	12	2.1	48
HC1700-13	4	1.8	2500	13	0.7	190
HC1800-1	2	0.9	1100	22	2.7	39
HC1800-2	2	2.6	600	18	6.9	12
HC1800-3	<1	3.5	1100	6	<0.5	34
HC1800-4	1	1.4	400	4	<0.5	12
HC1800-5	1	<0.5	900	4	<0.5	30
HC1800-6	3	0.9	300	14	4.3	102
HC1800-7	2	1.8	2600	16	<0.5	105
HC1800-8	2	2.1	1700	9	2.4	49
HC1800-9	<1	1.0	900	7	4.3	17
HC1800-10	2	0.6	200	12	2.7	17
HC1800-11	1	<0.5	200	6	0.9	23
HC1800-12	2	0.8	200	19	9.6	37
HC1900-1	5	4.9	2400	23	3.3	25
HC1900-2	8	2.1	1200	12	1.8	22
HC1900-3	7	3.3	2400	12	1.7	19
HC1900-4	5	1.8	200	23	5.1	21
HC1900-5	4	5.1	2100	19	1.7	150
HC1900-6	1	2.3	500	12	0.7	50
HC1900-7	4	4.2	1700	28	4.6	30
HC1900-8	5	1.0	2100	11	0.9	46
HC1900-9	2	3.4	1100	10	<0.5	33
HC2000-1	4	10.3	5800	81	7.0	33
HC2000-2	4	2.2	1000	24	3.1	15
HC2000-3	4	3.0	2000	19	3.9	30

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Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

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Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- ppb	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- ppb	Mo GE_MMIM 2 -- ppb	Nb GE_MMIM 0.5 -- ppb	Nd GE_MMIM 1 -- ppb
HC2000-4	3	2.7	3900	9	1.2	67
HC2000-5	4	20.4	3000	7	<0.5	40
HC2000-6	3	10.6	700	27	3.7	34
HC2000-7	3	3.6	400	25	1.3	44
HC2000-9	5	14.3	6000	38	1.5	112
HC2100-1	40	13.4	3000	20	1.4	188
HC2100-2	3	4.0	2500	10	0.8	98
HC2100-3	5	13.0	4700	21	1.0	122
HC2100-4	3	4.7	1800	25	1.8	88
HC2100-5	4	1.6	800	11	2.4	62
HC2100-6	<1	<0.5	<100	3	<0.5	12
HC2100-7	4	7.1	2300	13	<0.5	59
HC2100-8	2	0.6	100	11	0.7	15
HC2200-1	6	5.3	3700	19	1.5	95
HC2200-2	2	2.4	400	5	1.2	27
HC2200-3	2	0.9	600	27	4.3	32
HC2200-4	3	10.2	2100	25	15.4	17
HC2200-5	<1	1.1	<100	3	0.7	9
HC2200-6	2	12.8	100	8	10.1	4
HC0100-25	5	1.4	1200	<2	<0.5	59
HC0200-01	3	3.3	1300	3	14.2	8
HC0200-12	5	4.2	100	6	9.8	34
HC0300-01	<1	1.5	900	2	3.5	15
HC0300-10	5	2.3	800	9	0.7	15
HC0400-01	14	3.8	1200	5	<0.5	9
HC0500-01	2	1.2	1500	2	3.4	9
HC0700-01	10	4.9	800	2	2.1	28
HC1400-01	6	4.8	3700	37	5.3	13
HC1500-08	6	3.6	13500	26	5.0	37

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Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
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 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
HC2000-08	<1	<0.5	200	16	<0.5	13
4000N-8500E	8	127	16200	11	2.0	155
4000N-8550E	13	186	13000	6	0.9	179
4000N-8600E	77	283	11600	7	0.8	223
4000N-8650E	66	396	3800	16	<0.5	2
4000N-8700E	13	175	2400	11	<0.5	<1
4000N-8750E	16	230	6300	8	0.8	132
4000N-8800E	40	249	13600	24	<0.5	103
4000N-8850E	18	89.7	9500	8	1.4	276
4000N-8900E	16	194	11800	6	0.9	189
4000N-8950E	11	202	7900	7	1.1	166
4000N-9000E	10	108	10300	3	1.1	163
4000N-9050E	4	105	23800	15	3.5	131
4000N-9100E	5	163	6200	7	1.9	185
4000N-9150E	9	170	9000	9	1.2	211
4000N-9200E	8	195	17900	6	1.6	159
4100N-8550E	59	603	11500	47	0.9	71
4100N-8600E	12	236	8400	9	2.0	371
4100N-8650E	28	454	13900	22	0.8	68
4100N-8700E	51	256	17100	16	0.5	201
4100N-8750E	4	105	9900	7	2.0	110
4100N-8800E	45	156	21800	6	0.5	275
4100N-8850E	7	85.9	10100	8	1.8	112
4100N-8900E	17	139	9500	8	1.9	235
4100N-8950E	17	65.3	10500	8	1.9	229
4100N-9000E	8	115	8700	4	2.4	237
4100N-9050E	8	123	20700	4	1.8	191
4100N-9100E	7	143	8200	8	2.7	17
4100N-9150E	7	108	15400	9	1.6	144

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Order Number GEOTRONICS
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 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element	Li	Mg	Mn	Mo	Nb	Nd
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	100	2	0.5	1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
4100N-9200E	6	112	9900	10	2.2	220
*Rep HC0400-01	15	4.3	1200	5	<0.5	9
*Rep 4000N-8900E	15	182	10400	7	0.9	211
*Rep 4100N-8800E	41	159	22400	9	1.0	271
*Rep HC2000-2	4	2.1	900	23	3.1	13
*Rep HC2000-7	4	3.9	500	24	1.4	45
*Blk BLANK	<1	<0.5	<100	<2	0.5	<1
*Std MMISRM19	2	197	7600	9	<0.5	1
*Rep HC1500-11	<1	<0.5	500	<2	<0.5	76
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Rep HC1600-14	3	12.8	4700	7	0.7	62
*Std MMISRM24	1	9.7	200	24	<0.5	27
*Rep HC1800-5	<1	<0.5	700	2	<0.5	25

Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
HC1500-2	70	3.2	261	<1	7.1	<0.1
HC1500-3	93	2.2	64	<1	1.9	<0.1
HC1500-4	147	1.3	617	<1	12.3	<0.1
HC1500-5	62	0.9	134	<1	2.7	<0.1
HC1500-6	108	3.0	52	<1	5.8	<0.1
HC1500-7	100	1.8	208	<1	9.4	<0.1
HC1500-9	80	1.2	253	<1	1.2	<0.1
HC1500-10	184	2.5	532	<1	4.9	<0.1
HC1500-11	131	<0.1	95	<1	16.1	<0.1
HC1500-12	722	3.6	106	<1	28.4	<0.1

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 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
HC1500-13	156	0.7	84	<1	1.2	<0.1
HC1500-14	840	1.2	212	<1	17.7	<0.1
HC1500-15	459	2.8	118	<1	17.2	<0.1
HC1500-16	223	1.2	100	<1	5.9	<0.1
HC1600-1	105	0.7	131	<1	5.3	<0.1
HC1600-2	68	2.0	88	<1	26.3	<0.1
HC1600-3	112	1.1	156	<1	2.5	<0.1
HC1600-4	371	2.6	301	<1	51.1	<0.1
HC1600-5	515	2.3	132	<1	41.2	<0.1
HC1600-6	361	3.8	148	<1	46.1	<0.1
HC1600-7	68	0.7	132	<1	30.5	<0.1
HC1600-8	594	4.0	91	<1	6.2	<0.1
HC1600-9	524	2.9	57	<1	28.2	<0.1
HC1600-9	1770	4.2	726	<1	23.8	<0.1
HC1600-10	796	2.4	123	<1	27.7	<0.1
HC1600-11	538	7.2	607	<1	18.1	<0.1
HC1600-12	130	0.7	187	<1	16.9	<0.1
HC1600-13	636	1.3	512	<1	9.8	<0.1
HC1600-14	429	2.6	69	<1	12.9	<0.1
HC1700-1	208	2.8	206	<1	5.7	<0.1
HC1700-2	195	2.3	150	<1	9.4	<0.1
HC1700-3	181	5.3	973	<1	6.8	<0.1
HC1700-4	190	2.5	76	<1	4.5	<0.1
HC1700-5	185	1.7	134	<1	16.2	<0.1
HC1700-6	321	4.7	719	<1	15.2	<0.1
HC1700-7	163	0.4	140	<1	5.7	<0.1
HC1700-8	1390	2.4	172	<1	34.8	<0.1
HC1700-9	1310	6.3	227	<1	26.2	<0.1
HC1700-10	853	4.2	316	<1	19.4	<0.1

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Project Geotronics Consulting Inc.
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Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
HC1700-11	1760	1.0	56	<1	10.3	<0.1
HC1700-12	399	2.0	189	<1	11.3	<0.1
HC1700-13	517	5.3	83	<1	46.9	<0.1
HC1800-1	176	2.0	122	<1	8.4	<0.1
HC1800-2	298	2.2	143	<1	2.7	<0.1
HC1800-3	659	1.0	223	<1	7.2	<0.1
HC1800-4	236	0.9	155	<1	2.8	<0.1
HC1800-5	89	0.6	110	<1	6.9	<0.1
HC1800-6	177	1.1	83	<1	23.5	<0.1
HC1800-7	282	3.1	76	<1	27.1	<0.1
HC1800-8	411	1.8	349	<1	10.7	<0.1
HC1800-9	236	0.8	95	<1	3.5	<0.1
HC1800-10	203	2.9	52	<1	4.0	<0.1
HC1800-11	154	1.1	85	<1	5.4	<0.1
HC1800-12	107	0.9	112	<1	8.8	<0.1
HC1900-1	368	2.0	226	<1	4.8	<0.1
HC1900-2	307	2.2	205	<1	4.6	<0.1
HC1900-3	719	1.9	162	<1	3.9	<0.1
HC1900-4	206	1.5	50	<1	5.3	<0.1
HC1900-5	610	3.0	65	<1	34.9	<0.1
HC1900-6	489	0.9	119	<1	10.9	<0.1
HC1900-7	1880	1.2	107	<1	7.0	<0.1
HC1900-8	1550	1.0	100	<1	9.7	<0.1
HC1900-9	963	0.5	105	<1	6.7	<0.1
HC2000-1	255	2.9	136	<1	7.2	<0.1
HC2000-2	238	5.0	852	<1	3.2	<0.1
HC2000-3	382	4.2	222	<1	6.8	<0.1
HC2000-4	851	4.2	129	<1	14.4	<0.1
HC2000-5	1350	0.9	313	<1	7.9	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
HC2000-6	504	2.9	124	<1	7.9	<0.1
HC2000-7	651	0.9	59	<1	8.9	<0.1
HC2000-9	2970	2.5	137	<1	26.3	<0.1
HC2100-1	1230	3.2	466	<1	40.1	<0.1
HC2100-2	459	1.6	1420	<1	21.2	<0.1
HC2100-3	1780	2.8	121	<1	29.6	<0.1
HC2100-4	904	3.4	67	<1	19.9	<0.1
HC2100-5	127	2.1	92	<1	14.8	<0.1
HC2100-6	76	0.2	88	<1	2.5	<0.1
HC2100-7	1090	1.5	83	<1	12.9	<0.1
HC2100-8	142	0.7	68	<1	3.5	<0.1
HC2200-1	1370	3.8	183	<1	21.4	<0.1
HC2200-2	594	1.0	152	<1	5.6	<0.1
HC2200-3	161	1.7	95	<1	7.1	<0.1
HC2200-4	388	4.5	228	<1	3.4	<0.1
HC2200-5	125	1.0	61	<1	2.1	<0.1
HC2200-6	55	1.0	61	<1	0.8	<0.1
HC0100-25	181	1.0	222	<1	11.3	<0.1
HC0200-01	116	8.5	97	<1	1.9	<0.1
HC0200-12	151	6.3	52	<1	8.4	<0.1
HC0300-01	73	0.9	97	<1	2.8	<0.1
HC0300-10	156	1.7	120	<1	3.4	<0.1
HC0400-01	150	4.1	76	<1	2.1	<0.1
HC0500-01	96	2.9	119	<1	2.0	<0.1
HC0700-01	140	6.2	256	<1	7.1	<0.1
HC1400-01	168	6.6	1150	<1	3.2	<0.1
HC1500-08	273	9.6	793	<1	7.7	<0.1
HC2000-08	99	<0.1	111	<1	2.1	<0.1
4000N-8500E	313	2.2	80	<1	30.9	<0.1

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Order Number GEOTRONICS
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Submission Number GEOTRONICS/ 321 Soils (197-321)
Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
4000N-8550E	527	3.4	60	<1	34.2	<0.1
4000N-8600E	661	2.2	97	<1	43.4	<0.1
4000N-8650E	466	2.7	17	<1	<0.5	<0.1
4000N-8700E	441	1.5	6	1	<0.5	<0.1
4000N-8750E	248	1.9	42	<1	23.8	<0.1
4000N-8800E	506	4.2	52	<1	18.7	<0.1
4000N-8850E	399	3.8	49	<1	54.7	<0.1
4000N-8900E	526	2.2	60	<1	34.3	<0.1
4000N-8950E	383	1.4	63	<1	29.6	<0.1
4000N-9000E	219	2.5	71	<1	34.7	<0.1
4000N-9050E	471	3.3	20	<1	27.5	<0.1
4000N-9100E	165	1.8	57	<1	40.0	0.5
4000N-9150E	325	1.8	59	<1	40.3	<0.1
4000N-9200E	324	1.2	76	<1	34.0	<0.1
4100N-8550E	720	7.5	76	<1	13.0	<0.1
4100N-8600E	355	2.9	103	<1	80.0	<0.1
4100N-8650E	306	9.0	88	<1	13.0	<0.1
4100N-8700E	869	2.4	68	<1	37.0	<0.1
4100N-8750E	211	5.2	33	<1	21.2	<0.1
4100N-8800E	445	2.8	189	<1	55.7	<0.1
4100N-8850E	235	4.1	76	<1	22.5	<0.1
4100N-8900E	448	5.9	86	<1	46.8	<0.1
4100N-8950E	432	4.9	59	<1	48.4	<0.1
4100N-9000E	157	2.1	52	<1	51.8	<0.1
4100N-9050E	449	4.9	113	<1	40.9	<0.1
4100N-9100E	284	2.2	43	<1	2.9	<0.1
4100N-9150E	396	2.8	88	<1	28.6	<0.1
4100N-9200E	274	3.0	109	<1	45.9	<0.1
*Rep HC0400-01	143	4.3	83	<1	1.9	<0.1

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Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
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Element	Ni	P	Pb	Pd	Pr	Pt
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	5	0.1	5	1	0.5	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppm m / m	ppb	ppb	ppb	ppb
*Rep 4000N-8900E	528	2.1	57	<1	38.5	<0.1
*Rep 4100N-8800E	450	3.1	178	<1	55.3	<0.1
*Rep HC2000-2	234	4.6	827	<1	2.8	<0.1
*Rep HC2000-7	671	0.8	65	<1	9.3	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Std MMISRM19	2320	0.3	1210	<1	<0.5	<0.1
*Rep HC1500-11	114	<0.1	99	<1	17.1	<0.1
*Blk BLANK	<5	<0.1	<5	<1	<0.5	<0.1
*Rep HC1600-14	523	3.0	79	<1	15.0	<0.1
*Std MMISRM24	131	0.4	275	6	7.0	2.9
*Rep HC1800-5	83	0.4	110	<1	5.7	<0.1

Element	Rb	Sb	Sc	Sm	Sn	Sr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.5	5	1	1	10
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
HC1500-2	42	1.2	38	9	<1	20
HC1500-3	79	<0.5	18	2	<1	30
HC1500-4	77	0.9	21	14	<1	250
HC1500-5	28	<0.5	24	3	<1	10
HC1500-6	32	1.0	33	6	3	20
HC1500-7	33	<0.5	34	10	<1	20
HC1500-9	25	<0.5	13	2	<1	10
HC1500-10	83	<0.5	24	6	<1	20
HC1500-11	41	<0.5	60	19	<1	<10
HC1500-12	136	6.9	98	32	<1	150
HC1500-13	25	<0.5	15	2	<1	50
HC1500-14	57	0.8	34	18	<1	30

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ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
HC1500-15	95	3.7	41	17	<1	100
HC1500-16	76	<0.5	47	6	<1	40
HC1600-1	41	<0.5	26	6	<1	10
HC1600-2	82	0.8	37	24	<1	50
HC1600-3	21	<0.5	13	3	<1	240
HC1600-4	112	1.2	39	39	<1	110
HC1600-5	59	2.4	51	36	<1	120
HC1600-6	80	2.4	58	41	<1	80
HC1600-7	84	<0.5	51	29	<1	20
HC1600-8	64	<0.5	28	6	<1	30
HC1600-9	114	2.8	43	29	<1	150
HC1600-9	114	5.7	66	30	<1	190
HC1600-10	99	5.2	72	31	<1	160
HC1600-11	117	3.5	53	20	<1	110
HC1600-12	66	1.5	31	18	<1	10
HC1600-13	54	1.6	29	12	<1	80
HC1600-14	80	3.1	32	12	<1	290
HC1700-1	73	0.8	32	7	<1	20
HC1700-2	89	2.3	51	11	<1	<10
HC1700-3	40	3.2	54	8	4	160
HC1700-4	35	1.7	46	5	<1	40
HC1700-5	42	2.0	43	17	<1	40
HC1700-6	40	6.3	47	15	5	40
HC1700-7	46	0.6	31	6	<1	10
HC1700-8	87	4.0	51	34	<1	200
HC1700-9	71	3.1	55	33	<1	160
HC1700-10	75	2.4	50	24	<1	50
HC1700-11	53	0.9	29	13	<1	490
HC1700-12	66	2.1	43	13	<1	90

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
HC1700-13	66	4.0	50	43	<1	50
HC1800-1	44	1.3	32	10	1	30
HC1800-2	66	1.4	38	4	3	50
HC1800-3	32	<0.5	18	9	<1	90
HC1800-4	44	0.9	18	3	<1	30
HC1800-5	63	0.9	36	8	<1	<10
HC1800-6	60	2.4	53	23	1	20
HC1800-7	112	3.3	50	24	<1	70
HC1800-8	47	1.2	42	13	<1	120
HC1800-9	28	0.6	44	5	<1	60
HC1800-10	44	0.7	37	4	<1	60
HC1800-11	23	0.6	33	6	<1	30
HC1800-12	19	1.3	59	10	3	40
HC1900-1	41	1.2	27	7	<1	120
HC1900-2	48	0.5	38	7	<1	90
HC1900-3	68	<0.5	39	6	<1	90
HC1900-4	31	0.7	36	4	1	50
HC1900-5	93	1.7	47	36	<1	90
HC1900-6	122	0.8	36	13	<1	60
HC1900-7	67	1.0	29	9	<1	220
HC1900-8	34	<0.5	27	12	<1	90
HC1900-9	52	0.5	25	9	<1	150
HC2000-1	50	1.6	32	8	2	370
HC2000-2	40	2.2	42	4	<1	40
HC2000-3	29	0.9	37	9	<1	100
HC2000-4	67	0.5	42	17	<1	90
HC2000-5	92	0.8	27	11	<1	430
HC2000-6	43	0.8	27	10	<1	270
HC2000-7	69	0.7	26	12	<1	110

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
HC2000-9	123	2.5	56	25	<1	150
HC2100-1	118	4.3	76	48	<1	240
HC2100-2	162	0.8	55	30	<1	70
HC2100-3	118	2.2	49	28	<1	170
HC2100-4	86	0.9	47	22	<1	150
HC2100-5	54	1.4	69	16	<1	110
HC2100-6	15	<0.5	44	3	<1	<10
HC2100-7	46	0.8	26	15	<1	230
HC2100-8	56	<0.5	63	5	<1	30
HC2200-1	107	1.5	63	25	<1	110
HC2200-2	51	<0.5	41	8	<1	80
HC2200-3	40	1.1	44	8	<1	40
HC2200-4	53	1.9	67	7	7	260
HC2200-5	27	<0.5	23	2	<1	30
HC2200-6	41	1.3	45	1	4	350
HC0100-25	165	<0.5	43	17	<1	20
HC0200-01	115	1.7	45	2	6	50
HC0200-12	66	1.6	70	9	2	70
HC0300-01	76	<0.5	37	5	1	20
HC0300-10	113	<0.5	47	5	<1	60
HC0400-01	96	<0.5	41	3	<1	90
HC0500-01	125	<0.5	40	2	1	20
HC0700-01	126	0.8	46	7	<1	120
HC1400-01	62	1.3	58	3	2	100
HC1500-08	58	1.7	58	10	3	140
HC2000-08	71	<0.5	21	4	<1	<10
4000N-8500E	27	<0.5	41	43	<1	2980
4000N-8550E	15	<0.5	37	50	<1	4590
4000N-8600E	26	<0.5	32	64	<1	9390

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
4000N-8650E	44	<0.5	22	<1	<1	15200
4000N-8700E	57	<0.5	14	<1	<1	13100
4000N-8750E	52	<0.5	29	40	<1	9560
4000N-8800E	76	<0.5	28	32	<1	7910
4000N-8850E	32	<0.5	44	68	<1	4310
4000N-8900E	28	<0.5	37	57	<1	5720
4000N-8950E	12	<0.5	41	53	<1	4270
4000N-9000E	40	<0.5	73	40	<1	2630
4000N-9050E	103	<0.5	65	32	<1	3900
4000N-9100E	17	<0.5	61	44	<1	3030
4000N-9150E	18	<0.5	36	59	<1	2900
4000N-9200E	21	<0.5	71	42	<1	3240
4100N-8550E	23	<0.5	20	22	<1	11100
4100N-8600E	17	<0.5	93	91	<1	3920
4100N-8650E	39	<0.5	29	21	<1	9050
4100N-8700E	37	<0.5	26	59	<1	8720
4100N-8750E	33	<0.5	43	30	<1	5070
4100N-8800E	64	<0.5	59	74	<1	6000
4100N-8850E	38	<0.5	49	31	<1	3130
4100N-8900E	33	<0.5	54	64	<1	3960
4100N-8950E	40	<0.5	55	60	<1	2870
4100N-9000E	45	<0.5	91	58	<1	2330
4100N-9050E	5	<0.5	69	50	<1	2690
4100N-9100E	4	<0.5	22	7	<1	3320
4100N-9150E	38	<0.5	46	38	<1	2460
4100N-9200E	21	<0.5	43	53	<1	2080
*Rep HC0400-01	100	<0.5	41	2	<1	100
*Rep 4000N-8900E	29	<0.5	36	61	<1	5480
*Rep 4100N-8800E	60	<0.5	52	70	<1	5820

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Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
*Rep HC2000-2	40	1.8	40	4	<1	40
*Rep HC2000-7	71	0.6	28	12	<1	120
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Std MMISRM19	196	1.2	20	2	<1	4090
*Rep HC1500-11	37	<0.5	63	21	<1	<10
*Blk BLANK	<1	0.5	<5	<1	<1	<10
*Rep HC1600-14	84	3.1	35	14	<1	340
*Std MMISRM24	121	0.5	8	6	<1	1130
*Rep HC1800-5	56	0.5	30	7	<1	<10

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
HC1500-2	<1	2.9	<10	6.7	1890	1.2
HC1500-3	<1	0.5	<10	9.6	940	0.8
HC1500-4	<1	3.7	<10	6.6	820	0.6
HC1500-5	<1	1.1	<10	4.0	1320	0.3
HC1500-6	<1	1.9	<10	5.5	6520	0.3
HC1500-7	<1	2.5	<10	14.8	620	0.9
HC1500-9	<1	0.6	<10	3.9	270	0.3
HC1500-10	<1	1.9	<10	5.9	610	0.8
HC1500-11	<1	3.9	<10	3.9	30	0.5
HC1500-12	<1	5.8	<10	19.3	1820	1.6
HC1500-13	<1	0.4	<10	2.3	450	0.2
HC1500-14	<1	4.7	<10	3.4	1220	0.8
HC1500-15	<1	2.8	<10	13.5	930	0.9
HC1500-16	<1	1.4	<10	9.9	1550	0.4

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Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
HC1600-1	<1	2.0	<10	5.6	1370	0.5
HC1600-2	<1	3.8	<10	22.0	1560	1.2
HC1600-3	<1	1.0	<10	6.8	860	0.3
HC1600-4	<1	5.5	<10	27.9	990	2.0
HC1600-5	<1	5.7	<10	22.7	800	1.1
HC1600-6	<1	6.4	<10	24.5	1140	1.5
HC1600-7	<1	6.4	<10	10.4	760	0.9
HC1600-8	<1	1.2	<10	6.1	870	0.4
HC1600-9	<1	5.1	<10	16.8	910	1.4
HC1600-9	<1	5.6	<10	15.0	1050	1.1
HC1600-10	<1	5.0	<10	14.4	1500	1.3
HC1600-11	<1	3.8	<10	13.7	980	0.7
HC1600-12	<1	3.9	<10	8.0	510	0.6
HC1600-13	<1	3.1	<10	6.7	720	0.5
HC1600-14	<1	2.0	<10	11.9	830	0.8
HC1700-1	<1	2.2	<10	8.1	1930	0.8
HC1700-2	<1	2.7	<10	14.4	1520	1.1
HC1700-3	<1	1.7	<10	9.4	8070	0.5
HC1700-4	<1	1.2	<10	12.6	2770	0.6
HC1700-5	<1	4.2	<10	7.6	1690	0.9
HC1700-6	<1	3.8	<10	8.8	6160	0.3
HC1700-7	<1	1.8	<10	4.1	350	0.3
HC1700-8	<1	5.4	<10	15.0	860	1.7
HC1700-9	<1	6.6	<10	22.3	1230	1.1
HC1700-10	<1	5.7	<10	18.3	1180	0.9
HC1700-11	<1	2.7	<10	6.3	310	1.6
HC1700-12	<1	2.8	<10	11.3	1760	0.8
HC1700-13	<1	7.5	<10	26.4	1080	1.7
HC1800-1	<1	2.5	<10	10.9	2830	0.5

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Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
HC1800-2	<1	1.2	<10	5.8	4640	0.4
HC1800-3	<1	2.3	<10	3.6	420	0.8
HC1800-4	<1	1.1	<10	2.7	480	0.4
HC1800-5	<1	2.2	<10	4.6	470	0.4
HC1800-6	<1	4.0	<10	11.7	3540	0.4
HC1800-7	<1	3.8	<10	14.1	670	1.6
HC1800-8	<1	2.8	<10	9.7	1550	0.5
HC1800-9	<1	1.5	<10	5.2	3310	0.3
HC1800-10	<1	1.0	<10	11.1	1960	0.3
HC1800-11	<1	1.6	<10	6.0	640	0.3
HC1800-12	<1	2.0	<10	10.7	7830	0.2
HC1900-1	<1	2.1	<10	6.4	2350	0.5
HC1900-2	<1	2.0	<10	8.9	1480	0.4
HC1900-3	<1	2.2	<10	5.3	1330	0.5
HC1900-4	<1	1.0	<10	6.6	3450	0.3
HC1900-5	<1	6.1	<10	30.2	1030	1.3
HC1900-6	<1	2.5	<10	12.0	690	1.1
HC1900-7	<1	2.1	<10	8.5	3470	0.7
HC1900-8	<1	3.2	<10	3.8	1080	0.7
HC1900-9	<1	2.2	<10	5.3	580	0.6
HC2000-1	<1	1.8	<10	9.5	5100	0.5
HC2000-2	<1	1.1	<10	13.3	2100	0.7
HC2000-3	<1	1.9	<10	9.6	2080	0.4
HC2000-4	<1	3.6	<10	10.2	680	0.5
HC2000-5	<1	3.3	<10	3.5	470	0.7
HC2000-6	<1	2.4	<10	7.7	3110	0.5
HC2000-7	<1	2.5	<10	7.6	1190	0.4
HC2000-9	<1	4.2	<10	21.5	1160	1.8
HC2100-1	<1	7.7	<10	25.6	1000	1.3

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
HC2100-2	<1	6.0	<10	17.5	850	1.5
HC2100-3	<1	4.1	<10	19.8	840	3.3
HC2100-4	<1	4.6	<10	13.4	1820	2.3
HC2100-5	<1	2.8	<10	24.7	2260	1.3
HC2100-6	<1	0.7	<10	4.9	510	<0.1
HC2100-7	<1	3.2	<10	6.4	470	0.7
HC2100-8	<1	1.0	<10	6.8	1010	0.2
HC2200-1	<1	4.6	<10	18.7	1120	1.6
HC2200-2	<1	1.8	<10	6.4	910	0.3
HC2200-3	<1	1.9	<10	12.3	3490	0.5
HC2200-4	<1	1.6	<10	10.0	13000	0.3
HC2200-5	<1	0.6	<10	4.7	700	0.1
HC2200-6	<1	0.2	<10	4.8	7100	0.2
HC0100-25	<1	4.0	40	2.9	480	0.8
HC0200-01	<1	0.5	20	10.7	14800	0.5
HC0200-12	<1	1.4	20	23.3	4550	1.0
HC0300-01	<1	1.6	10	6.3	3460	0.3
HC0300-10	<1	1.1	<10	6.8	960	0.5
HC0400-01	<1	0.5	<10	5.6	960	1.0
HC0500-01	<1	0.8	<10	6.3	3110	0.6
HC0700-01	<1	1.6	<10	40.8	2510	1.5
HC1400-01	<1	1.1	10	13.9	5650	1.1
HC1500-08	<1	2.6	<10	17.8	5050	1.1
HC2000-08	<1	1.2	<10	<0.5	10	<0.1
4000N-8500E	<1	8.7	10	22.3	40	0.2
4000N-8550E	<1	9.7	10	27.8	40	0.1
4000N-8600E	<1	12.9	<10	59.0	50	0.1
4000N-8650E	<1	0.2	<10	1.7	30	0.1
4000N-8700E	<1	<0.1	<10	<0.5	20	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
4000N-8750E	<1	7.0	<10	25.4	40	0.1
4000N-8800E	<1	6.3	<10	25.2	60	0.1
4000N-8850E	<1	11.4	<10	47.3	50	0.1
4000N-8900E	<1	12.3	<10	26.9	30	0.1
4000N-8950E	<1	11.3	<10	25.1	20	<0.1
4000N-9000E	<1	7.3	<10	24.9	30	0.1
4000N-9050E	<1	5.5	<10	27.1	110	0.3
4000N-9100E	<1	8.2	<10	30.9	30	0.2
4000N-9150E	<1	12.6	<10	21.2	20	<0.1
4000N-9200E	<1	7.8	<10	28.5	30	<0.1
4100N-8550E	<1	4.7	<10	29.5	60	<0.1
4100N-8600E	<1	15.9	<10	42.1	70	<0.1
4100N-8650E	<1	4.6	<10	19.3	90	0.2
4100N-8700E	<1	11.4	<10	53.7	30	0.2
4100N-8750E	<1	5.7	<10	14.8	60	0.1
4100N-8800E	<1	14.3	<10	42.9	70	0.2
4100N-8850E	<1	5.9	<10	22.8	70	<0.1
4100N-8900E	<1	12.3	<10	28.8	70	0.2
4100N-8950E	<1	10.3	<10	39.5	120	0.1
4100N-9000E	<1	10.2	<10	33.3	40	0.1
4100N-9050E	<1	9.0	<10	27.3	70	<0.1
4100N-9100E	<1	2.5	<10	4.4	30	<0.1
4100N-9150E	<1	7.7	<10	22.0	40	<0.1
4100N-9200E	<1	8.9	<10	37.3	40	0.2
*Rep HC0400-01	<1	0.4	<10	5.2	1100	1.1
*Rep 4000N-8900E	<1	12.7	<10	30.2	30	0.2
*Rep 4100N-8800E	<1	13.7	<10	43.7	60	0.2
*Rep HC2000-2	<1	1.0	<10	12.3	2000	0.7
*Rep HC2000-7	<1	2.6	<10	7.1	1240	0.4

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	1	0.1	10	0.5	10	0.1
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Std MMISM19	<1	1.3	<10	12.9	<10	0.9
*Rep HC1500-11	<1	4.0	<10	4.5	40	0.5
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Rep HC1600-14	<1	2.4	<10	12.4	940	1.0
*Std MMISM24	<1	0.8	<10	18.6	40	0.2
*Rep HC1800-5	<1	1.9	<10	3.4	270	0.4

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
HC1500-2	35.1	<0.5	102	9.7	450	37
HC1500-3	8.7	<0.5	20	4.0	150	10
HC1500-4	428	<0.5	174	10.7	1950	10
HC1500-5	31.9	<0.5	47	5.5	440	41
HC1500-6	7.9	0.6	98	10.3	150	32
HC1500-7	70.1	<0.5	80	7.5	260	36
HC1500-9	19.6	<0.5	28	4.5	330	9
HC1500-10	12.6	<0.5	75	7.0	860	25
HC1500-11	8.6	<0.5	124	11.4	80	46
HC1500-12	20.7	<0.5	154	13.1	330	58
HC1500-13	1.9	<0.5	13	2.6	400	26
HC1500-14	16.4	<0.5	215	14.9	330	18
HC1500-15	13.1	<0.5	71	6.2	630	39
HC1500-16	8.9	<0.5	50	5.8	150	42
HC1600-1	497	1.2	81	6.5	120	12
HC1600-2	722	4.0	115	11.3	240	59

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
HC1600-3	42.9	<0.5	30	2.6	230	27
HC1600-4	573	1.3	149	12.1	100	38
HC1600-5	1150	0.8	176	14.5	200	34
HC1600-6	344	1.0	204	16.8	330	46
HC1600-7	1480	<0.5	277	23.2	230	40
HC1600-8	11.1	<0.5	30	3.9	490	16
HC1600-9	40.0	0.5	123	9.5	70	26
HC1600-9	50.9	<0.5	173	12.7	780	23
HC1600-10	86.9	0.6	145	10.8	310	42
HC1600-11	96.5	<0.5	105	8.8	1160	26
HC1600-12	145	<0.5	146	11.2	140	38
HC1600-13	42.0	<0.5	113	8.7	360	9
HC1600-14	22.1	<0.5	54	4.4	270	29
HC1700-1	26.4	<0.5	84	7.7	530	46
HC1700-2	22.9	<0.5	81	7.4	220	56
HC1700-3	7.6	0.7	57	5.5	980	42
HC1700-4	8.9	<0.5	34	5.2	200	47
HC1700-5	111	1.0	143	10.8	470	17
HC1700-6	33.3	1.8	178	16.4	70	35
HC1700-7	50.9	<0.5	76	6.5	210	24
HC1700-8	1140	0.9	158	11.6	210	34
HC1700-9	560	1.1	182	16.1	360	23
HC1700-10	1180	0.6	182	15.2	430	23
HC1700-11	3420	<0.5	96	7.8	2210	12
HC1700-12	102	0.5	83	6.5	240	47
HC1700-13	805	3.0	241	19.0	290	50
HC1800-1	376	0.9	81	6.4	90	31
HC1800-2	22.7	2.6	44	5.9	210	50
HC1800-3	221	<0.5	88	5.7	200	8

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
HC1800-4	43.5	<0.5	34	3.9	320	28
HC1800-5	37.8	<0.5	71	6.8	200	33
HC1800-6	67.1	1.4	124	9.4	90	44
HC1800-7	85.7	1.6	92	7.7	120	28
HC1800-8	28.3	0.8	97	7.2	270	31
HC1800-9	4.8	<0.5	59	6.0	170	23
HC1800-10	17.9	1.0	29	4.0	150	23
HC1800-11	11.0	<0.5	55	5.5	210	23
HC1800-12	15.3	1.8	78	8.2	220	36
HC1900-1	4110	2.1	95	7.9	640	21
HC1900-2	905	1.8	73	8.5	690	36
HC1900-3	3520	2.4	124	14.5	670	18
HC1900-4	199	3.6	40	6.2	130	29
HC1900-5	883	5.6	187	15.2	60	51
HC1900-6	490	0.6	91	7.6	110	29
HC1900-7	791	1.8	89	7.5	330	28
HC1900-8	2550	2.0	159	12.2	330	10
HC1900-9	1200	0.9	102	8.0	220	16
HC2000-1	3110	5.2	76	6.2	220	31
HC2000-2	362	2.1	37	4.9	410	11
HC2000-3	607	2.7	50	4.6	410	26
HC2000-4	2510	1.2	116	8.6	100	29
HC2000-5	1940	3.4	178	12.3	1350	4
HC2000-6	235	2.7	84	6.4	270	23
HC2000-7	2450	4.7	90	6.5	80	24
HC2000-9	2060	3.8	134	10.7	190	30
HC2100-1	2900	5.1	244	18.7	160	21
HC2100-2	843	0.9	192	15.0	200	22
HC2100-3	940	2.5	117	9.2	370	31

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
HC2100-4	1550	2.9	179	15.9	460	23
HC2100-5	64.6	1.7	82	7.1	770	29
HC2100-6	25.5	<0.5	33	5.7	60	26
HC2100-7	4280	1.6	144	10.1	210	16
HC2100-8	188	<0.5	36	6.0	110	21
HC2200-1	1600	2.5	151	12.9	420	50
HC2200-2	20.4	0.5	67	5.5	300	26
HC2200-3	215	1.9	66	6.3	230	42
HC2200-4	24.9	2.7	62	7.1	830	34
HC2200-5	3.4	<0.5	19	4.4	130	26
HC2200-6	3.1	0.8	10	2.9	170	33
HC0100-25	7.8	<0.5	118	8.2	210	19
HC0200-01	6.3	1.4	19	4.3	270	28
HC0200-12	11.3	2.2	25	3.2	110	21
HC0300-01	5.1	<0.5	63	6.4	280	30
HC0300-10	9.4	<0.5	31	4.4	400	16
HC0400-01	4.2	<0.5	13	2.1	380	11
HC0500-01	5.7	<0.5	37	7.2	280	36
HC0700-01	15.1	<0.5	56	7.5	740	24
HC1400-01	28.4	2.6	55	9.4	670	20
HC1500-08	123	3.0	88	7.3	1270	27
HC2000-08	567	<0.5	84	9.5	30	3
4000N-8500E	31.2	1.0	256	23.3	740	131
4000N-8550E	36.7	<0.5	294	26.9	550	125
4000N-8600E	28.5	<0.5	372	36.3	180	132
4000N-8650E	12.5	<0.5	7	0.7	50	19
4000N-8700E	8.7	<0.5	2	<0.2	40	9
4000N-8750E	36.4	<0.5	210	16.0	240	69
4000N-8800E	19.4	<0.5	183	17.5	300	46

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
 Project Geotronics Consulting Inc.
 Submission Number GEOTRONICS/ 321 Soils (197-321)
 Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
4000N-8850E	30.3	<0.5	310	28.1	180	127
4000N-8900E	47.5	<0.5	405	35.0	250	80
4000N-8950E	35.2	<0.5	370	31.6	160	92
4000N-9000E	17.0	<0.5	198	20.5	930	154
4000N-9050E	12.4	<0.5	145	14.6	7480	168
4000N-9100E	29.7	<0.5	220	20.6	260	175
4000N-9150E	36.6	<0.5	378	35.5	390	114
4000N-9200E	27.6	<0.5	240	23.2	460	160
4100N-8550E	51.6	<0.5	149	13.7	480	67
4100N-8600E	87.1	<0.5	442	41.9	450	278
4100N-8650E	36.5	<0.5	132	12.7	1300	91
4100N-8700E	25.8	<0.5	336	29.5	80	65
4100N-8750E	31.1	<0.5	194	17.0	930	116
4100N-8800E	51.1	<0.5	447	53.2	510	209
4100N-8850E	33.6	<0.5	174	17.9	690	178
4100N-8900E	58.7	<0.5	389	35.7	610	172
4100N-8950E	36.5	<0.5	286	28.2	420	197
4100N-9000E	29.2	<0.5	301	29.3	340	272
4100N-9050E	26.6	<0.5	274	27.7	700	214
4100N-9100E	31.9	<0.5	87	10.4	100	72
4100N-9150E	27.2	<0.5	225	20.8	510	161
4100N-9200E	38.2	<0.5	275	22.7	300	179
*Rep HC0400-01	4.3	<0.5	12	2.0	380	11
*Rep 4000N-8900E	49.9	<0.5	416	34.1	220	89
*Rep 4100N-8800E	49.8	<0.5	422	47.6	510	202
*Rep HC2000-2	349	1.9	35	4.5	390	11
*Rep HC2000-7	2600	4.2	97	6.6	90	25
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Std MMISRM19	67.3	<0.5	49	6.8	2650	13

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number GEOTRONICS
Project Geotronics Consulting Inc.
Submission Number GEOTRONICS/ 321 Soils (197-321)
Number of Samples 125

ANALYSIS REPORT BBM22-24409

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM	GE_MMIM
Lower Limit	0.5	0.5	1	0.2	10	2
Upper Limit	--	--	--	--	--	--
Unit	ppb	ppb	ppb	ppb	ppb	ppb
*Rep HC1500-11	9.4	<0.5	119	11.0	90	55
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Rep HC1600-14	25.6	<0.5	63	5.1	290	32
*Std MMISRM24	11.4	<0.5	24	1.1	130	28
*Rep HC1800-5	33.2	<0.5	66	6.7	170	23

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



ANALYSIS REPORT BBM23-34237

To GEOTRONICS CONSULTING INC.
DAVID MARK
6204-125th ST
SURREY V3X 2E1
BC
CANADA

Order Number	PO:	Date Received	17-Oct-2023
Submission Number	PEACOCK/ 80 Soils	Date Analysed	29-Nov-2023 - 02-Jan-2024
Number of Samples	80	Date Completed	02-Jan-2024
		SGS Order Number	BBM23-34237

Methods Summary

Number of Sample	Method Code	Description
80	G_WGH_KG	Weight of samples received
80	GE_MMIM	Mobile Metal ION standard package, ICP-MS

Authorised Signatory

John Chiang
Laboratory Operations Manager

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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- ppb	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- ppb	Au GE_MMIM 0.1 -- ppb	Ba GE_MMIM 10 -- ppb
69700E 3900N	0.29	28.6	15	10	0.7	2390
69700E 3925N	0.24	34.5	58	<10	<0.1	2270
69700E 3950N	0.24	29.8	29	<10	0.1	3300
69700E 3975N	0.30	24.9	39	<10	0.3	2150
69700E 4000N	0.31	92.3	8	10	0.3	490
69700E 4025N	0.35	151	31	<10	0.2	7330
69700E 4050N	0.29	147	7	<10	1.3	2030
69700E 4075N	0.27	55.1	17	<10	1.5	2260
69700E 4100N	0.27	54.7	10	20	1.2	1380
69700E 4125N	0.22	44.5	45	<10	0.2	4860
69700E 4150N	0.19	19.8	12	<10	0.2	2200
69700E 4175N	0.33	36.7	14	<10	1.2	1290
69700E 4200N	0.31	255	9	<10	1.6	1910
69700E 4225N	0.28	32.1	18	<10	0.3	5710
69700E 4250N	0.28	71.8	29	<10	0.7	3950
69700E 4275N	0.23	69.3	39	10	2.0	2360
69700E 4300N	0.25	26.3	32	<10	1.3	3290
69700E 4325N	0.26	46.9	19	<10	0.2	4200
69700E 4350N	0.24	11.8	52	<10	<0.1	1850
69700E 4375N	0.30	6.7	69	<10	<0.1	2640
69800E 3900N	0.26	38.5	21	<10	0.2	4620
69800E 3925N	0.22	15.5	56	<10	<0.1	2020
69800E 3950N	0.30	165	21	<10	1.7	2410
69800E 3975N	0.28	41.0	25	<10	0.2	8230
69800E 4000N	0.28	48.9	13	<10	0.7	3060
69800E 4025N	0.23	438	110	<10	5.4	2300
69800E 4050N	0.25	39.5	47	<10	0.8	2820
69800E 4075N	0.29	28.8	45	<10	<0.1	5770
69800E 4100N	0.27	41.8	29	<10	0.3	1930
69800E 4125N	0.33	109	11	<10	1.2	3010

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- ppb	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- ppb	Au GE_MMIM 0.1 -- ppb	Ba GE_MMIM 10 -- ppb
69800E 4150N	0.21	36.5	30	<10	1.0	2590
69800E 4175N	0.32	21.7	17	<10	0.2	3950
69800E 4200N	0.29	13.8	60	<10	<0.1	1840
69800E 4225N	0.30	14.7	57	<10	0.1	5180
69800E 4250N	0.22	23.9	197	<10	<0.1	840
69800E 4275N	0.21	6.2	74	10	0.7	3640
69800E 4300N	0.20	12.6	47	<10	1.9	2340
69800E 4325N	0.32	21.6	77	10	0.3	1710
69800E 4350N	0.31	13.2	33	<10	0.1	3130
69800E 4375N	0.31	6.9	27	<10	<0.1	1480
69900E 3900N	0.27	12.6	45	<10	0.1	2350
69900E 3925N	0.32	19.1	42	<10	0.2	3000
69900E 3950N	0.20	16.9	77	<10	<0.1	1540
69900E 3975N	0.31	124	36	<10	0.3	5240
69900E 4000N	0.32	51.6	72	<10	0.2	2520
69900E 4025N	0.31	37.6	79	<10	0.3	2590
69900E 4050N	0.28	36.0	41	<10	0.2	5080
69900E 4075N	0.27	45.5	36	<10	0.7	3850
69900E 4100N	0.22	37.3	134	<10	0.1	4050
69900E 4125N	0.28	77.2	193	<10	0.7	1360
69900E 4150N	0.27	64.5	16	<10	0.7	2140
69900E 4175N	0.21	18.1	72	<10	<0.1	4240
69900E 4200N	0.24	7.7	120	<10	0.2	3870
69900E 4225N	0.23	2.6	79	<10	0.2	1950
69900E 4250N	0.35	18.9	69	<10	0.1	970
69900E 4275N	0.21	14.5	63	<10	0.4	3570
69900E 4300N	0.28	13.3	48	<10	3.8	2300
69900E 4325N	0.28	6.8	39	<10	0.6	1090
69900E 4350N	0.22	4.1	102	<10	0.3	2150
69900E 4375N	0.31	7.5	30	<10	<0.1	2920

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	WTKG G_WGH_KG 0.01 -- kg	Ag GE_MMIM 0.5 -- ppb	Al GE_MMIM 1 -- ppm m / m	As GE_MMIM 10 -- ppb	Au GE_MMIM 0.1 -- ppb	Ba GE_MMIM 10 -- ppb
70000E 3900N	0.26	15.5	46	<10	<0.1	3130
70000E 3925N	0.32	12.9	36	<10	<0.1	2750
70000E 3950N	0.32	8.2	24	<10	<0.1	3380
70000E 3975N	0.23	2.8	298	<10	<0.1	1080
70000E 4000N	0.15	4.1	97	30	<0.1	1960
70000E 4025N	0.28	10.5	128	<10	<0.1	2570
70000E 4050N	0.23	6.6	203	<10	<0.1	3030
70000E 4075N	0.27	12.5	37	<10	<0.1	4460
70000E 4100N	0.27	10.3	196	<10	<0.1	1680
70000E 4125N	0.21	30.7	25	<10	0.3	650
70000E 4150N	0.27	34.2	52	<10	<0.1	3510
70000E 4175N	0.23	9.3	80	<10	<0.1	3380
70000E 4200N	0.28	9.9	34	<10	0.1	2050
70000E 4225N	0.31	27.8	22	<10	0.2	2350
70000E 4250N	0.20	2.8	112	<10	0.2	2170
70000E 4275N	0.21	3.5	81	<10	<0.1	2730
70000E 4300N	0.34	4.2	52	<10	<0.1	1660
70000E 4325N	0.30	15.3	72	<10	1.7	730
70000E 4350N	0.32	0.7	84	<10	0.3	1000
70000E 4375N	0.31	4.6	100	<10	<0.1	1610
*Std AMIS0841	-	1.6	161	20	4.2	100
*Rep 69700E 4225N	-	34.5	18	<10	<0.1	5700
*Rep 69800E 3900N	-	34.8	21	<10	0.3	4720
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Rep 69900E 4000N	-	55.8	86	<10	0.2	2590
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Rep 69900E 4350N	-	4.7	106	<10	0.5	2070
*Rep 70000E 4375N	-	4.7	103	<10	<0.1	1470
*Std AMIS0841	-	2.0	163	20	4.6	90

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
69700E 3900N	<0.5	833	12	25	99	<100
69700E 3925N	<0.5	607	20	175	79	<100
69700E 3950N	<0.5	714	18	105	101	<100
69700E 3975N	<0.5	525	17	78	33	<100
69700E 4000N	<0.5	795	14	<2	15	<100
69700E 4025N	<0.5	830	9	124	73	<100
69700E 4050N	<0.5	1027	18	16	58	<100
69700E 4075N	<0.5	790	28	20	138	<100
69700E 4100N	<0.5	794	24	9	52	<100
69700E 4125N	<0.5	561	21	304	260	<100
69700E 4150N	<0.5	776	17	22	84	<100
69700E 4175N	<0.5	704	9	14	109	<100
69700E 4200N	<0.5	709	10	46	206	<100
69700E 4225N	<0.5	567	15	122	193	<100
69700E 4250N	<0.5	689	27	110	59	<100
69700E 4275N	<0.5	732	8	153	101	<100
69700E 4300N	<0.5	1023	9	266	124	<100
69700E 4325N	<0.5	664	15	37	77	<100
69700E 4350N	<0.5	455	17	49	23	<100
69700E 4375N	<0.5	326	9	377	56	<100
69800E 3900N	<0.5	679	32	54	60	<100
69800E 3925N	<0.5	721	29	123	81	<100
69800E 3950N	<0.5	694	24	34	70	<100
69800E 3975N	<0.5	508	10	170	113	<100
69800E 4000N	<0.5	685	24	56	110	<100
69800E 4025N	<0.5	329	21	35	11	<100
69800E 4050N	<0.5	555	15	34	36	<100
69800E 4075N	<0.5	549	16	259	80	<100
69800E 4100N	<0.5	789	43	86	100	<100
69800E 4125N	<0.5	890	22	31	110	<100

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Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
69800E 4150N	<0.5	928	29	95	119	<100
69800E 4175N	<0.5	570	22	88	99	<100
69800E 4200N	<0.5	485	19	132	25	<100
69800E 4225N	<0.5	440	13	108	37	<100
69800E 4250N	<0.5	276	31	33	78	<100
69800E 4275N	<0.5	571	25	581	333	<100
69800E 4300N	<0.5	749	11	158	73	<100
69800E 4325N	<0.5	481	8	630	50	<100
69800E 4350N	<0.5	386	5	1570	216	<100
69800E 4375N	<0.5	304	6	1490	50	<100
69900E 3900N	<0.5	571	23	175	92	<100
69900E 3925N	<0.5	447	24	205	107	<100
69900E 3950N	<0.5	664	36	84	112	<100
69900E 3975N	<0.5	616	25	169	100	<100
69900E 4000N	<0.5	486	11	268	22	<100
69900E 4025N	<0.5	478	10	276	34	<100
69900E 4050N	<0.5	616	28	129	69	<100
69900E 4075N	<0.5	751	25	148	49	<100
69900E 4100N	<0.5	374	20	299	82	<100
69900E 4125N	<0.5	92	13	148	22	<100
69900E 4150N	<0.5	1042	57	58	91	<100
69900E 4175N	<0.5	597	31	96	86	<100
69900E 4200N	<0.5	521	34	220	244	<100
69900E 4225N	<0.5	624	18	904	191	<100
69900E 4250N	2.0	256	4	343	46	<100
69900E 4275N	<0.5	657	28	1600	81	<100
69900E 4300N	<0.5	810	8	1050	64	<100
69900E 4325N	<0.5	464	9	1780	128	<100
69900E 4350N	<0.5	602	13	1060	248	<100
69900E 4375N	<0.5	471	6	136	32	<100

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Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Bi GE_MMIM 0.5 -- ppb	Ca GE_MMIM 2 -- ppm m / m	Cd GE_MMIM 1 -- ppb	Ce GE_MMIM 2 -- ppb	Co GE_MMIM 1 -- ppb	Cr GE_MMIM 100 -- ppb
70000E 3900N	<0.5	536	18	124	23	<100
70000E 3925N	<0.5	500	10	82	19	<100
70000E 3950N	<0.5	498	26	128	42	<100
70000E 3975N	0.6	108	11	138	133	<100
70000E 4000N	<0.5	1022	62	65	72	<100
70000E 4025N	<0.5	308	11	209	18	<100
70000E 4050N	<0.5	286	27	104	28	<100
70000E 4075N	<0.5	392	13	481	27	<100
70000E 4100N	<0.5	244	14	188	24	<100
70000E 4125N	<0.5	762	31	32	42	<100
70000E 4150N	<0.5	655	19	53	14	<100
70000E 4175N	<0.5	511	11	454	25	<100
70000E 4200N	<0.5	661	18	97	29	<100
70000E 4225N	<0.5	591	14	66	38	<100
70000E 4250N	<0.5	495	17	4890	271	<100
70000E 4275N	<0.5	518	38	316	35	<100
70000E 4300N	<0.5	432	5	436	61	<100
70000E 4325N	<0.5	422	10	1750	242	<100
70000E 4350N	0.9	128	<1	305	22	<100
70000E 4375N	<0.5	342	5	736	52	<100
*Std AMIS0841	0.8	34	9	612	732	<100
*Rep 69700E 4225N	<0.5	561	14	127	196	<100
*Rep 69800E 3900N	<0.5	700	32	61	60	<100
*Blk BLANK	<0.5	<2	<1	2	<1	<100
*Rep 69900E 4000N	<0.5	566	10	297	29	<100
*Blk BLANK	<0.5	4	<1	<2	<1	<100
*Rep 69900E 4350N	<0.5	587	12	1060	247	<100
*Rep 70000E 4375N	<0.5	339	6	756	53	<100
*Std AMIS0841	0.7	43	10	769	844	<100

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Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
69700E 3900N	<0.2	29300	9.3	5.5	2.6	23
69700E 3925N	<0.2	15100	30.9	20.5	9.1	35
69700E 3950N	<0.2	6390	26.2	16.4	7.3	23
69700E 3975N	<0.2	7550	30.7	16.7	8.3	32
69700E 4000N	0.6	38800	<0.5	0.4	<0.2	16
69700E 4025N	0.8	30100	51.3	30.8	15.1	28
69700E 4050N	0.4	63700	18.0	16.3	3.8	17
69700E 4075N	<0.2	51600	7.1	5.4	2.1	21
69700E 4100N	<0.2	55100	5.4	4.3	1.4	16
69700E 4125N	0.6	26800	26.4	15.3	8.3	30
69700E 4150N	1.0	42300	11.4	7.6	3.9	16
69700E 4175N	<0.2	49600	14.2	9.2	4.2	18
69700E 4200N	<0.2	51200	12.4	8.1	3.4	15
69700E 4225N	0.3	20000	33.6	16.5	11.4	13
69700E 4250N	0.6	29100	27.3	19.1	8.5	17
69700E 4275N	0.5	74000	97.7	88.8	21.4	25
69700E 4300N	<0.2	33600	128	111	34.7	21
69700E 4325N	<0.2	13500	14.5	7.5	4.5	18
69700E 4350N	1.4	1060	8.9	4.8	2.5	22
69700E 4375N	0.8	640	23.3	12.0	7.2	44
69800E 3900N	0.8	37100	19.4	11.7	6.1	16
69800E 3925N	0.4	12200	20.3	11.9	6.5	31
69800E 3950N	0.2	55600	17.4	14.4	5.3	21
69800E 3975N	0.3	27000	32.7	17.8	11.8	19
69800E 4000N	0.3	51900	12.5	9.6	3.3	15
69800E 4025N	6.3	140000	14.5	11.1	3.8	41
69800E 4050N	2.3	84000	11.4	11.4	2.1	19
69800E 4075N	0.4	18000	45.7	27.9	14.3	23
69800E 4100N	0.6	45700	14.0	10.0	5.1	26
69800E 4125N	0.2	50000	16.8	10.9	5.0	16

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
69800E 4150N	<0.2	39800	37.7	32.4	10.4	20
69800E 4175N	0.2	21800	22.6	11.7	8.3	21
69800E 4200N	0.3	17400	28.8	14.7	11.4	23
69800E 4225N	1.1	12200	34.3	19.6	9.6	25
69800E 4250N	4.8	28200	11.5	9.0	2.3	76
69800E 4275N	0.4	37100	113	81.3	35.6	30
69800E 4300N	4.7	88500	84.0	85.1	16.1	37
69800E 4325N	0.3	83600	89.5	60.1	26.3	45
69800E 4350N	0.4	7930	119	60.5	38.9	37
69800E 4375N	0.3	3830	77.8	40.7	27.4	34
69900E 3900N	0.3	9230	28.0	15.8	8.2	28
69900E 3925N	0.3	13300	39.4	21.0	11.7	23
69900E 3950N	0.8	21700	15.2	10.3	4.5	26
69900E 3975N	0.4	20200	34.5	18.6	11.4	21
69900E 4000N	1.9	28200	105	55.8	40.8	32
69900E 4025N	2.0	28800	114	64.4	42.0	36
69900E 4050N	0.3	17400	32.5	18.2	11.0	27
69900E 4075N	1.0	60500	33.7	25.3	8.5	26
69900E 4100N	3.0	16700	37.6	19.9	9.7	45
69900E 4125N	9.6	116000	30.3	18.2	7.7	81
69900E 4150N	1.1	74500	12.0	9.6	3.5	19
69900E 4175N	4.2	36200	7.8	4.0	2.8	34
69900E 4200N	2.1	37900	43.2	28.7	12.3	93
69900E 4225N	1.3	24600	233	174	67.3	57
69900E 4250N	1.0	27000	30.1	15.4	10.4	54
69900E 4275N	0.8	25200	268	188	83.9	25
69900E 4300N	0.5	28300	151	92.8	45.3	28
69900E 4325N	0.3	17000	265	135	84.6	23
69900E 4350N	<0.2	14400	133	89.3	30.3	48
69900E 4375N	0.4	480	19.4	8.6	7.0	31

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Cs GE_MMIM 0.2 -- ppb	Cu GE_MMIM 10 -- ppb	Dy GE_MMIM 0.5 -- ppb	Er GE_MMIM 0.2 -- ppb	Eu GE_MMIM 0.2 -- ppb	Fe GE_MMIM 1 -- ppm m / m
70000E 3900N	0.4	4330	38.1	20.0	11.6	30
70000E 3925N	0.7	4440	30.6	15.3	10.3	25
70000E 3950N	0.5	8460	26.2	14.1	8.4	25
70000E 3975N	3.9	8830	19.4	13.3	3.6	118
70000E 4000N	2.5	8440	19.2	13.1	5.7	34
70000E 4025N	5.2	2970	54.0	31.3	12.8	40
70000E 4050N	9.2	3570	29.4	20.3	5.7	60
70000E 4075N	1.6	4860	94.8	46.8	28.5	19
70000E 4100N	6.6	1260	36.4	22.5	7.6	66
70000E 4125N	1.7	23400	26.6	16.1	9.2	19
70000E 4150N	1.6	3730	25.6	14.7	8.6	21
70000E 4175N	1.4	2120	72.8	41.0	20.2	26
70000E 4200N	0.3	1890	43.7	26.1	13.0	24
70000E 4225N	0.3	6470	26.1	14.2	8.8	22
70000E 4250N	<0.2	27600	243	136	73.0	65
70000E 4275N	0.5	1210	99.7	70.0	25.2	30
70000E 4300N	0.3	1520	30.3	14.5	9.8	51
70000E 4325N	0.7	75500	58.5	33.0	21.2	68
70000E 4350N	1.3	1660	11.4	4.5	4.0	75
70000E 4375N	1.2	9650	41.9	20.9	14.9	67
*Std AMIS0841	68.2	20700	380	298	77.5	25
*Rep 69700E 4225N	0.2	19800	31.9	17.0	10.7	12
*Rep 69800E 3900N	1.0	38200	19.6	12.3	6.8	17
*Blk BLANK	<0.2	20	<0.5	<0.2	<0.2	<1
*Rep 69900E 4000N	2.0	31100	115	65.4	43.0	38
*Blk BLANK	<0.2	20	<0.5	<0.2	<0.2	<1
*Rep 69900E 4350N	<0.2	14700	140	94.6	30.6	51
*Rep 70000E 4375N	1.2	10300	45.9	22.6	16.5	71
*Std AMIS0841	78.3	23700	421	299	87.7	25

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
69700E 3900N	<0.5	10.6	<1	<0.1	72.7	7
69700E 3925N	2.0	34.2	<1	<0.1	103	69
69700E 3950N	1.2	31.8	<1	<0.1	209	43
69700E 3975N	1.8	37.2	<1	<0.1	207	54
69700E 4000N	<0.5	<0.5	<1	<0.1	183	<1
69700E 4025N	1.5	64.6	<1	<0.1	22.5	67
69700E 4050N	<0.5	14.5	<1	<0.1	51.6	10
69700E 4075N	0.7	7.9	<1	<0.1	133	9
69700E 4100N	<0.5	5.3	<1	<0.1	108	5
69700E 4125N	2.1	31.4	<1	<0.1	46.8	102
69700E 4150N	0.6	15.1	<1	<0.1	76.9	20
69700E 4175N	0.5	18.3	<1	<0.1	97.5	12
69700E 4200N	<0.5	13.3	<1	<0.1	56.6	19
69700E 4225N	1.3	47.1	<1	<0.1	57.3	73
69700E 4250N	1.7	33.0	<1	<0.1	46.9	54
69700E 4275N	2.2	82.5	<1	<0.1	49.1	129
69700E 4300N	2.5	150	<1	<0.1	58.9	168
69700E 4325N	1.0	19.7	<1	<0.1	59.6	25
69700E 4350N	1.7	11.0	<1	<0.1	313	24
69700E 4375N	3.4	29.3	<1	<0.1	41.9	103
69800E 3900N	1.2	25.7	<1	<0.1	62.0	36
69800E 3925N	1.8	26.3	<1	<0.1	105	61
69800E 3950N	1.4	20.2	<1	<0.1	121	23
69800E 3975N	1.8	46.8	<1	<0.1	73.9	120
69800E 4000N	1.0	11.9	<1	<0.1	74.3	21
69800E 4025N	4.1	13.9	<1	<0.1	83.7	24
69800E 4050N	2.3	8.4	<1	<0.1	45.9	12
69800E 4075N	2.6	59.6	<1	<0.1	49.2	130
69800E 4100N	1.7	19.7	<1	<0.1	42.7	43
69800E 4125N	0.9	21.8	<1	<0.1	35.6	27

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
69800E 4150N	1.3	40.2	<1	<0.1	289	53
69800E 4175N	1.6	32.1	<1	<0.1	77.1	53
69800E 4200N	4.0	41.1	<1	<0.1	48.7	67
69800E 4225N	4.6	40.8	<1	<0.1	60.1	81
69800E 4250N	7.6	8.3	<1	<0.1	53.9	11
69800E 4275N	4.4	142	2	0.1	169	320
69800E 4300N	1.9	69.5	<1	<0.1	59.1	77
69800E 4325N	5.2	106	<1	<0.1	86.6	301
69800E 4350N	6.9	159	<1	<0.1	35.6	494
69800E 4375N	6.4	118	<1	<0.1	50.9	434
69900E 3900N	2.2	37.1	<1	<0.1	162	72
69900E 3925N	3.0	47.6	<1	<0.1	319	98
69900E 3950N	2.2	18.3	<1	<0.1	99.5	46
69900E 3975N	2.3	44.9	<1	<0.1	109	92
69900E 4000N	6.9	154	<1	<0.1	42.0	406
69900E 4025N	6.9	162	<1	<0.1	39.5	435
69900E 4050N	2.6	44.2	<1	<0.1	56.1	89
69900E 4075N	3.0	33.4	<1	<0.1	50.3	87
69900E 4100N	4.3	42.5	<1	<0.1	70.4	117
69900E 4125N	8.8	28.4	<1	0.1	42.1	73
69900E 4150N	1.5	13.6	<1	<0.1	47.7	18
69900E 4175N	2.7	10.0	<1	<0.1	112	30
69900E 4200N	3.6	48.5	<1	<0.1	62.3	107
69900E 4225N	7.7	307	<1	<0.1	54.3	608
69900E 4250N	4.6	44.0	<1	<0.1	34.2	140
69900E 4275N	9.3	348	<1	<0.1	45.3	639
69900E 4300N	5.3	179	<1	<0.1	56.0	401
69900E 4325N	8.6	389	<1	<0.1	60.8	464
69900E 4350N	4.5	145	<1	<0.1	151	275
69900E 4375N	2.3	28.5	<1	<0.1	72.4	78

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Ga GE_MMIM 0.5 -- ppb	Gd GE_MMIM 0.5 -- ppb	Hg GE_MMIM 1 -- ppb	In GE_MMIM 0.1 -- ppb	K GE_MMIM 0.5 -- ppm m / m	La GE_MMIM 1 -- ppb
70000E 3900N	3.5	52.6	<1	<0.1	43.8	73
70000E 3925N	2.6	41.9	<1	<0.1	38.0	67
70000E 3950N	3.0	36.0	<1	<0.1	86.4	58
70000E 3975N	25.6	15.5	<1	0.2	40.3	50
70000E 4000N	5.2	22.3	<1	<0.1	757	55
70000E 4025N	5.5	57.3	<1	<0.1	35.3	105
70000E 4050N	15.8	25.4	<1	<0.1	40.2	47
70000E 4075N	5.4	136	<1	<0.1	49.8	265
70000E 4100N	13.6	34.0	<1	<0.1	75.7	70
70000E 4125N	2.6	37.5	<1	<0.1	40.1	36
70000E 4150N	3.9	35.3	<1	<0.1	60.6	36
70000E 4175N	4.5	87.8	<1	<0.1	29.0	142
70000E 4200N	2.7	61.5	<1	<0.1	70.5	80
70000E 4225N	2.1	36.3	<1	<0.1	60.2	48
70000E 4250N	19.0	343	<1	<0.1	102	1010
70000E 4275N	4.0	114	<1	<0.1	164	147
70000E 4300N	4.3	47.6	<1	<0.1	118	189
70000E 4325N	7.8	101	<1	<0.1	52.6	424
70000E 4350N	7.7	15.5	<1	<0.1	20.8	158
70000E 4375N	7.9	74.1	<1	<0.1	44.6	280
*Std AMIS0841	9.3	342	<1	0.2	110	376
*Rep 69700E 4225N	1.3	46.7	<1	<0.1	55.2	80
*Rep 69800E 3900N	1.2	28.6	<1	<0.1	64.5	39
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Rep 69900E 4000N	7.1	176	<1	<0.1	37.3	467
*Blk BLANK	0.6	<0.5	<1	<0.1	<0.5	<1
*Rep 69900E 4350N	5.4	149	<1	<0.1	148	286
*Rep 70000E 4375N	8.0	82.3	<1	<0.1	44.7	296
*Std AMIS0841	11.1	397	<1	0.3	116	403

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- ppb	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- ppb	Mo GE_MMIM 2 -- ppb	Nb GE_MMIM 0.5 -- ppb	Nd GE_MMIM 1 -- ppb
69700E 3900N	3	61.5	6900	39	1.3	25
69700E 3925N	6	89.9	20600	26	1.2	131
69700E 3950N	6	75.7	19700	57	1.4	97
69700E 3975N	2	102	5100	23	1.1	113
69700E 4000N	12	43.3	2400	64	<0.5	<1
69700E 4025N	<1	60.1	6800	5	2.0	165
69700E 4050N	<1	48.9	5600	11	<0.5	35
69700E 4075N	<1	64.0	12900	40	1.3	25
69700E 4100N	<1	46.0	7200	24	0.7	14
69700E 4125N	4	60.7	22800	13	1.6	148
69700E 4150N	1	85.7	12400	28	0.7	49
69700E 4175N	<1	81.3	5500	9	<0.5	38
69700E 4200N	3	44.1	6900	12	0.5	45
69700E 4225N	4	107	14400	6	<0.5	158
69700E 4250N	1	119	20500	11	<0.5	131
69700E 4275N	13	169	15700	19	<0.5	313
69700E 4300N	10	242	13400	12	<0.5	508
69700E 4325N	<1	67.0	6000	9	0.7	57
69700E 4350N	2	69.9	7200	16	1.4	39
69700E 4375N	9	45.4	9200	6	2.0	134
69800E 3900N	<1	40.7	13200	9	1.2	84
69800E 3925N	<1	50.0	21900	20	2.1	102
69800E 3950N	<1	52.8	14400	24	1.0	65
69800E 3975N	4	73.8	12300	15	1.0	213
69800E 4000N	2	51.9	18600	9	1.2	47
69800E 4025N	<1	43.0	7900	6	0.9	59
69800E 4050N	<1	37.9	15800	7	0.8	28
69800E 4075N	2	87.5	14400	14	0.9	237
69800E 4100N	1	34.8	16800	16	2.0	89
69800E 4125N	3	26.5	10600	5	1.0	66

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- ppb	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- ppb	Mo GE_MMIM 2 -- ppb	Nb GE_MMIM 0.5 -- ppb	Nd GE_MMIM 1 -- ppb
69800E 4150N	8	125	17000	7	0.8	154
69800E 4175N	<1	64.0	13800	9	0.9	118
69800E 4200N	<1	26.7	4400	4	<0.5	143
69800E 4225N	<1	29.5	4300	3	<0.5	150
69800E 4250N	<1	28.0	6500	<2	0.8	24
69800E 4275N	19	160	31300	6	0.7	593
69800E 4300N	22	167	27900	3	<0.5	225
69800E 4325N	5	78.3	8600	7	1.3	515
69800E 4350N	7	36.3	4200	2	1.4	754
69800E 4375N	2	47.2	4900	5	1.9	677
69900E 3900N	1	63.0	13000	31	2.3	133
69900E 3925N	4	102	21100	20	1.2	187
69900E 3950N	2	44.9	26700	13	1.2	75
69900E 3975N	2	58.9	15400	9	1.8	180
69900E 4000N	<1	25.0	1800	3	0.9	692
69900E 4025N	<1	24.4	2800	4	1.2	701
69900E 4050N	<1	66.2	15900	10	1.1	168
69900E 4075N	<1	28.0	23000	28	1.7	159
69900E 4100N	<1	33.2	7300	5	2.1	170
69900E 4125N	4	6.3	5300	2	2.7	111
69900E 4150N	3	20.5	15700	7	1.9	43
69900E 4175N	1	49.4	21600	9	1.5	43
69900E 4200N	6	82.2	45900	6	3.2	184
69900E 4225N	8	145	32300	11	0.7	1380
69900E 4250N	2	35.7	800	5	2.1	208
69900E 4275N	15	134	28200	4	<0.5	1460
69900E 4300N	10	202	14800	6	<0.5	775
69900E 4325N	7	91.6	14100	7	<0.5	1250
69900E 4350N	10	136	16500	9	0.6	495
69900E 4375N	4	60.0	1800	9	1.4	106

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Li GE_MMIM 1 -- ppb	Mg GE_MMIM 0.5 -- ppm m / m	Mn GE_MMIM 100 -- ppb	Mo GE_MMIM 2 -- ppb	Nb GE_MMIM 0.5 -- ppb	Nd GE_MMIM 1 -- ppb
70000E 3900N	1	32.2	4500	7	0.6	166
70000E 3925N	<1	28.0	4100	5	<0.5	143
70000E 3950N	<1	51.0	12000	13	<0.5	117
70000E 3975N	3	10.1	7700	5	4.2	65
70000E 4000N	6	136	47100	21	4.4	94
70000E 4025N	<1	11.8	4700	3	1.0	183
70000E 4050N	4	11.5	9200	4	2.7	77
70000E 4075N	<1	49.4	5000	4	<0.5	471
70000E 4100N	3	12.8	6700	5	2.7	113
70000E 4125N	2	38.8	8200	18	0.9	95
70000E 4150N	<1	20.9	3300	2	<0.5	98
70000E 4175N	7	57.0	10800	11	1.4	278
70000E 4200N	1	59.0	16700	7	0.9	178
70000E 4225N	<1	61.9	7500	4	0.7	113
70000E 4250N	11	105	36900	3	1.0	1760
70000E 4275N	4	84.1	34100	7	1.3	330
70000E 4300N	3	64.6	8300	8	2.2	233
70000E 4325N	6	95.9	10800	11	1.0	654
70000E 4350N	2	21.3	900	5	6.5	101
70000E 4375N	3	39.4	3300	4	3.7	413
*Std AMIS0841	<1	5.9	30300	9	<0.5	1140
*Rep 69700E 4225N	3	107	15100	7	<0.5	162
*Rep 69800E 3900N	<1	40.8	13300	10	1.2	94
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Rep 69900E 4000N	<1	24.4	2100	4	1.1	759
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Rep 69900E 4350N	10	135	13400	9	0.5	499
*Rep 70000E 4375N	2	38.7	2900	4	3.3	437
*Std AMIS0841	<1	5.5	32300	11	<0.5	1240

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Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
69700E 3900N	251	1.9	10	<1	3.9	<0.1
69700E 3925N	573	0.8	46	<1	26.6	<0.1
69700E 3950N	490	1.4	58	<1	18.1	<0.1
69700E 3975N	270	4.3	24	<1	21.6	<0.1
69700E 4000N	163	2.2	6	<1	<0.5	<0.1
69700E 4025N	77	0.8	58	<1	29.1	<0.1
69700E 4050N	162	0.8	<5	<1	5.8	<0.1
69700E 4075N	203	2.9	22	<1	4.2	<0.1
69700E 4100N	133	2.5	12	<1	2.3	<0.1
69700E 4125N	398	0.9	91	<1	34.5	<0.1
69700E 4150N	272	0.9	18	<1	9.5	<0.1
69700E 4175N	193	5.0	14	<1	5.4	<0.1
69700E 4200N	213	0.9	10	<1	8.7	<0.1
69700E 4225N	296	0.6	20	<1	28.5	<0.1
69700E 4250N	575	0.2	<5	<1	25.7	<0.1
69700E 4275N	481	0.2	<5	<1	63.7	<0.1
69700E 4300N	907	0.3	<5	<1	90.2	<0.1
69700E 4325N	166	0.3	39	<1	10.6	<0.1
69700E 4350N	124	10.7	82	<1	8.4	<0.1
69700E 4375N	190	3.8	91	<1	31.5	<0.1
69800E 3900N	122	0.7	10	<1	15.0	<0.1
69800E 3925N	197	1.3	69	<1	21.9	<0.1
69800E 3950N	228	3.7	7	<1	10.8	<0.1
69800E 3975N	128	0.5	38	<1	41.2	<0.1
69800E 4000N	261	0.6	8	<1	9.7	<0.1
69800E 4025N	39	1.7	<5	<1	12.0	<0.1
69800E 4050N	56	0.6	5	<1	5.5	<0.1
69800E 4075N	193	0.4	35	<1	46.7	<0.1
69800E 4100N	198	0.7	16	<1	18.2	<0.1
69800E 4125N	202	0.6	12	<1	11.6	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
69800E 4150N	573	1.7	13	<1	29.2	<0.1
69800E 4175N	218	0.6	14	<1	22.8	<0.1
69800E 4200N	77	0.8	15	<1	28.3	<0.1
69800E 4225N	51	0.4	26	<1	31.2	<0.1
69800E 4250N	61	1.7	30	<1	5.1	<0.1
69800E 4275N	529	1.0	59	<1	135	<0.1
69800E 4300N	158	0.5	<5	<1	41.8	<0.1
69800E 4325N	238	1.1	<5	<1	111	<0.1
69800E 4350N	331	3.3	143	<1	168	<0.1
69800E 4375N	172	3.3	40	<1	152	<0.1
69900E 3900N	215	2.3	100	<1	26.5	<0.1
69900E 3925N	455	3.0	62	<1	40.5	<0.1
69900E 3950N	221	1.5	56	<1	16.9	<0.1
69900E 3975N	292	1.5	41	<1	38.3	<0.1
69900E 4000N	39	1.3	24	<1	142	<0.1
69900E 4025N	47	1.5	33	<1	154	<0.1
69900E 4050N	169	0.6	25	<1	36.8	<0.1
69900E 4075N	130	0.5	<5	<1	34.9	<0.1
69900E 4100N	75	2.3	166	<1	38.4	<0.1
69900E 4125N	25	3.6	14	<1	27.0	<0.1
69900E 4150N	180	0.8	13	<1	8.5	<0.1
69900E 4175N	148	2.5	59	<1	10.2	<0.1
69900E 4200N	174	1.3	57	<1	40.5	<0.1
69900E 4225N	553	0.8	40	<1	281	<0.1
69900E 4250N	54	5.2	83	<1	45.0	<0.1
69900E 4275N	966	0.3	24	<1	306	<0.1
69900E 4300N	887	0.4	5	<1	185	<0.1
69900E 4325N	471	0.6	34	<1	256	<0.1
69900E 4350N	613	0.8	257	<1	110	<0.1
69900E 4375N	183	3.0	120	<1	24.7	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Ni GE_MMIM 5 -- ppb	P GE_MMIM 0.1 -- ppm m / m	Pb GE_MMIM 5 -- ppb	Pd GE_MMIM 1 -- ppb	Pr GE_MMIM 0.5 -- ppb	Pt GE_MMIM 0.1 -- ppb
70000E 3900N	97	1.5	21	<1	31.4	<0.1
70000E 3925N	98	1.1	16	<1	28.2	<0.1
70000E 3950N	94	0.8	15	<1	23.0	<0.1
70000E 3975N	73	4.8	249	<1	14.7	<0.1
70000E 4000N	178	6.6	48	<1	19.1	<0.1
70000E 4025N	48	2.0	109	<1	39.9	<0.1
70000E 4050N	61	3.9	183	<1	16.4	<0.1
70000E 4075N	68	0.5	38	<1	93.5	<0.1
70000E 4100N	63	4.2	140	<1	24.2	<0.1
70000E 4125N	154	1.2	15	1	17.5	<0.1
70000E 4150N	85	0.4	20	<1	17.3	<0.1
70000E 4175N	274	1.5	90	<1	59.0	<0.1
70000E 4200N	244	1.8	47	<1	32.2	<0.1
70000E 4225N	157	0.6	22	<1	21.4	<0.1
70000E 4250N	620	1.3	100	<1	409	<0.1
70000E 4275N	427	1.4	135	<1	66.1	<0.1
70000E 4300N	192	5.1	181	<1	53.7	<0.1
70000E 4325N	172	2.1	56	<1	161	<0.1
70000E 4350N	42	6.4	94	<1	28.6	<0.1
70000E 4375N	90	2.4	179	<1	94.7	<0.1
*Std AMIS0841	391	0.9	284	<1	223	<0.1
*Rep 69700E 4225N	302	0.5	19	<1	29.5	<0.1
*Rep 69800E 3900N	115	0.7	11	<1	16.5	<0.1
*Blk BLANK	<5	0.1	<5	<1	<0.5	<0.1
*Rep 69900E 4000N	39	1.5	30	<1	152	<0.1
*Blk BLANK	10	<0.1	<5	<1	<0.5	<0.1
*Rep 69900E 4350N	644	0.9	298	<1	112	<0.1
*Rep 70000E 4375N	98	2.0	197	<1	99.7	<0.1
*Std AMIS0841	440	1.0	312	<1	250	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
69700E 3900N	19	3.3	14	7	<1	2670
69700E 3925N	138	1.8	56	30	<1	2140
69700E 3950N	58	1.3	25	24	<1	2490
69700E 3975N	54	1.2	31	29	<1	1790
69700E 4000N	76	1.3	13	<1	<1	2150
69700E 4025N	52	1.0	20	48	<1	4600
69700E 4050N	13	1.2	22	10	<1	2960
69700E 4075N	11	1.0	19	7	<1	2520
69700E 4100N	5	0.9	20	4	<1	2300
69700E 4125N	115	1.0	42	31	<1	2540
69700E 4150N	121	0.8	24	12	<1	2550
69700E 4175N	6	0.6	13	12	<1	2610
69700E 4200N	7	0.8	13	11	<1	3180
69700E 4225N	46	<0.5	17	42	<1	3410
69700E 4250N	78	0.7	22	30	<1	3690
69700E 4275N	57	0.5	63	77	<1	3770
69700E 4300N	31	0.5	29	132	<1	5530
69700E 4325N	31	<0.5	11	16	<1	2660
69700E 4350N	168	<0.5	54	10	<1	1970
69700E 4375N	116	<0.5	49	29	<1	1630
69800E 3900N	60	<0.5	13	22	<1	2440
69800E 3925N	68	0.6	48	24	<1	2340
69800E 3950N	19	0.6	22	16	<1	2780
69800E 3975N	60	<0.5	16	46	<1	2660
69800E 4000N	42	<0.5	20	10	<1	2510
69800E 4025N	116	<0.5	32	13	<1	1490
69800E 4050N	73	<0.5	27	6	<1	2520
69800E 4075N	29	<0.5	21	52	<1	2810
69800E 4100N	95	<0.5	21	18	<1	2260
69800E 4125N	24	<0.5	13	18	<1	2700

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Order Number
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Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
69800E 4150N	32	<0.5	36	38	<1	3490
69800E 4175N	54	<0.5	15	30	<1	2420
69800E 4200N	57	<0.5	10	37	<1	1450
69800E 4225N	150	<0.5	20	36	<1	2010
69800E 4250N	204	<0.5	43	6	<1	1140
69800E 4275N	110	0.6	55	139	<1	3080
69800E 4300N	53	<0.5	126	61	<1	4060
69800E 4325N	26	<0.5	84	109	<1	2410
69800E 4350N	50	<0.5	48	162	<1	2840
69800E 4375N	29	<0.5	32	138	<1	1790
69900E 3900N	128	<0.5	37	34	<1	1980
69900E 3925N	111	<0.5	30	45	<1	1490
69900E 3950N	92	<0.5	80	17	<1	1880
69900E 3975N	87	<0.5	17	43	<1	3140
69900E 4000N	70	<0.5	28	158	<1	2270
69900E 4025N	74	<0.5	34	157	<1	2270
69900E 4050N	72	<0.5	15	41	<1	2540
69900E 4075N	95	<0.5	59	35	<1	2320
69900E 4100N	194	<0.5	42	40	<1	2070
69900E 4125N	182	1.0	73	29	<1	480
69900E 4150N	98	0.8	32	11	<1	2600
69900E 4175N	210	0.7	63	10	<1	1940
69900E 4200N	142	0.8	101	46	<1	2270
69900E 4225N	104	0.9	137	340	<1	3020
69900E 4250N	60	0.8	44	47	<1	1100
69900E 4275N	67	0.8	79	372	<1	3790
69900E 4300N	43	0.9	69	202	<1	4430
69900E 4325N	44	0.8	55	399	<1	2300
69900E 4350N	28	0.9	115	146	<1	3890
69900E 4375N	52	0.9	47	27	<1	2740

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Order Number
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Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Rb GE_MMIM 1 -- ppb	Sb GE_MMIM 0.5 -- ppb	Sc GE_MMIM 5 -- ppb	Sm GE_MMIM 1 -- ppb	Sn GE_MMIM 1 -- ppb	Sr GE_MMIM 10 -- ppb
70000E 3900N	70	0.9	33	51	<1	2000
70000E 3925N	72	0.8	27	40	<1	1660
70000E 3950N	256	1.1	36	32	<1	2140
70000E 3975N	113	1.1	61	15	<1	500
70000E 4000N	539	2.1	66	22	<1	3800
70000E 4025N	260	0.9	57	51	<1	1030
70000E 4050N	272	1.0	62	21	<1	1270
70000E 4075N	209	1.3	42	124	<1	2200
70000E 4100N	198	1.1	62	29	<1	1180
70000E 4125N	106	1.1	29	30	<1	1970
70000E 4150N	125	1.0	19	30	<1	2330
70000E 4175N	74	1.3	66	79	<1	2020
70000E 4200N	71	1.0	31	51	<1	2160
70000E 4225N	59	1.1	24	32	<1	2290
70000E 4250N	12	1.2	246	420	<1	3410
70000E 4275N	98	0.9	54	98	<1	2340
70000E 4300N	59	1.1	40	52	<1	2360
70000E 4325N	48	1.1	66	138	<1	2490
70000E 4350N	55	1.3	43	18	<1	890
70000E 4375N	94	1.3	42	90	<1	1590
*Std AMIS0841	1300	3.5	979	312	<1	70
*Rep 69700E 4225N	46	<0.5	15	42	<1	3510
*Rep 69800E 3900N	65	<0.5	13	25	<1	2490
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Rep 69900E 4000N	70	<0.5	36	179	<1	2440
*Blk BLANK	<1	0.9	12	<1	<1	<10
*Rep 69900E 4350N	27	0.8	114	143	<1	3880
*Rep 70000E 4375N	92	1.2	36	96	<1	1540
*Std AMIS0841	1360	4.4	1100	384	<1	60

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Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
69700E 3900N	<1	1.5	<10	2.9	20	<0.1
69700E 3925N	<1	5.5	<10	17.8	50	0.1
69700E 3950N	<1	4.9	<10	21.5	40	0.2
69700E 3975N	<1	5.6	<10	11.4	70	<0.1
69700E 4000N	<1	<0.1	<10	<0.5	20	<0.1
69700E 4025N	<1	9.3	<10	11.6	10	0.2
69700E 4050N	<1	2.4	<10	10.3	<10	<0.1
69700E 4075N	<1	1.2	<10	4.8	30	<0.1
69700E 4100N	<1	0.9	<10	2.5	30	<0.1
69700E 4125N	<1	4.8	<10	48.0	40	0.1
69700E 4150N	<1	1.9	<10	7.0	20	0.1
69700E 4175N	<1	2.4	<10	3.7	30	<0.1
69700E 4200N	<1	2.0	<10	14.9	<10	<0.1
69700E 4225N	<1	6.0	<10	41.4	10	0.2
69700E 4250N	<1	4.7	<10	15.7	10	0.4
69700E 4275N	<1	13.9	<10	23.7	10	0.2
69700E 4300N	<1	20.8	<10	33.6	10	0.1
69700E 4325N	<1	2.6	<10	18.3	20	<0.1
69700E 4350N	<1	1.7	<10	12.9	160	<0.1
69700E 4375N	<1	4.2	<10	45.8	140	0.2
69800E 3900N	<1	3.5	<10	16.6	20	0.3
69800E 3925N	<1	3.6	<10	19.6	60	0.2
69800E 3950N	<1	2.8	<10	10.9	30	0.1
69800E 3975N	<1	6.3	<10	42.5	20	0.3
69800E 4000N	<1	1.9	<10	21.3	20	<0.1
69800E 4025N	<1	2.4	<10	5.6	40	0.4
69800E 4050N	<1	1.6	<10	7.0	20	0.2
69800E 4075N	<1	8.6	<10	28.3	30	0.2
69800E 4100N	<1	2.6	<10	23.1	30	0.3
69800E 4125N	<1	2.8	<10	14.6	20	<0.1

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
69800E 4150N	<1	5.9	<10	28.8	30	0.1
69800E 4175N	<1	4.0	<10	27.2	30	0.1
69800E 4200N	<1	5.4	<10	11.9	30	0.2
69800E 4225N	<1	6.0	<10	13.4	20	0.3
69800E 4250N	<1	1.6	<10	10.8	140	0.2
69800E 4275N	<1	19.2	<10	47.6	50	0.4
69800E 4300N	<1	12.5	<10	37.7	30	0.3
69800E 4325N	<1	15.6	<10	35.7	50	0.2
69800E 4350N	<1	22.7	<10	134	90	0.1
69800E 4375N	<1	16.4	<10	97.5	130	<0.1
69900E 3900N	<1	5.1	<10	26.9	70	0.1
69900E 3925N	<1	6.6	<10	44.8	80	0.2
69900E 3950N	<1	2.5	<10	17.9	80	0.1
69900E 3975N	<1	6.2	<10	38.3	30	0.4
69900E 4000N	<1	19.2	<10	11.3	30	0.2
69900E 4025N	<1	20.8	<10	15.8	50	0.2
69900E 4050N	<1	5.8	<10	25.6	30	0.2
69900E 4075N	<1	5.3	<10	29.9	20	0.4
69900E 4100N	<1	6.3	<10	24.9	130	0.3
69900E 4125N	<1	4.4	<10	29.0	470	0.3
69900E 4150N	<1	1.8	<10	17.1	20	0.2
69900E 4175N	<1	1.3	<10	12.1	60	0.3
69900E 4200N	<1	6.8	<10	38.2	150	0.4
69900E 4225N	<1	41.9	<10	57.1	40	0.4
69900E 4250N	<1	5.4	<10	55.1	290	<0.1
69900E 4275N	<1	46.9	<10	47.9	10	0.3
69900E 4300N	<1	24.0	<10	40.7	<10	0.1
69900E 4325N	<1	45.7	<10	167	30	0.1
69900E 4350N	<1	20.6	<10	85.9	30	<0.1
69900E 4375N	<1	3.5	<10	34.7	100	<0.1

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Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	Ta GE_MMIM 1 -- ppb	Tb GE_MMIM 0.1 -- ppb	Te GE_MMIM 10 -- ppb	Th GE_MMIM 0.5 -- ppb	Ti GE_MMIM 10 -- ppb	Tl GE_MMIM 0.1 -- ppb
70000E 3900N	<1	6.5	<10	18.8	60	0.2
70000E 3925N	<1	5.3	<10	28.6	20	0.3
70000E 3950N	<1	4.6	<10	26.0	20	0.3
70000E 3975N	<1	3.0	<10	35.4	690	0.3
70000E 4000N	<1	3.1	<10	9.2	480	0.9
70000E 4025N	<1	8.4	<10	22.0	120	0.4
70000E 4050N	<1	4.2	<10	14.1	470	0.3
70000E 4075N	<1	16.6	<10	36.6	20	0.4
70000E 4100N	<1	5.6	<10	20.0	410	0.4
70000E 4125N	<1	4.6	<10	4.9	70	0.3
70000E 4150N	<1	4.6	<10	7.4	30	0.2
70000E 4175N	<1	11.8	<10	44.8	100	0.2
70000E 4200N	<1	7.6	<10	23.7	40	0.1
70000E 4225N	<1	4.4	<10	33.9	20	0.2
70000E 4250N	<1	45.5	<10	170	120	0.1
70000E 4275N	<1	15.6	<10	35.1	40	0.3
70000E 4300N	<1	6.0	<10	50.0	240	<0.1
70000E 4325N	<1	11.8	<10	60.8	100	0.2
70000E 4350N	<1	2.0	<10	88.9	1280	<0.1
70000E 4375N	<1	8.6	<10	53.0	370	0.1
*Std AMIS0841	<1	57.1	<10	298	10	2.0
*Rep 69700E 4225N	<1	6.1	<10	42.6	20	0.1
*Rep 69800E 3900N	<1	3.6	<10	18.5	20	0.2
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Rep 69900E 4000N	<1	21.2	<10	14.5	40	0.2
*Blk BLANK	<1	<0.1	<10	0.9	<10	<0.1
*Rep 69900E 4350N	<1	22.1	<10	87.0	30	<0.1
*Rep 70000E 4375N	<1	9.0	<10	48.8	330	<0.1
*Std AMIS0841	<1	58.0	<10	321	10	1.8

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Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
69700E 3900N	91.0	<0.5	51	4.5	40	35
69700E 3925N	127	<0.5	189	17.9	510	78
69700E 3950N	85.0	<0.5	144	12.6	270	93
69700E 3975N	16.7	<0.5	167	13.6	270	70
69700E 4000N	9.2	<0.5	3	0.4	10	6
69700E 4025N	87.5	<0.5	325	26.4	70	71
69700E 4050N	68.8	<0.5	146	16.8	20	29
69700E 4075N	67.5	0.6	46	5.2	70	41
69700E 4100N	64.7	<0.5	42	4.6	70	31
69700E 4125N	34.7	<0.5	145	13.0	190	160
69700E 4150N	112	<0.5	88	7.2	60	22
69700E 4175N	99.9	0.6	91	7.7	80	34
69700E 4200N	24.3	0.8	78	7.3	<10	43
69700E 4225N	30.8	0.5	173	12.6	60	44
69700E 4250N	167	<0.5	163	18.4	250	115
69700E 4275N	607	0.6	764	102	20	281
69700E 4300N	875	1.1	957	119	40	202
69700E 4325N	37.3	<0.5	83	5.7	50	36
69700E 4350N	9.3	<0.5	44	3.6	110	51
69700E 4375N	10.8	<0.5	108	9.9	570	119
69800E 3900N	43.5	<0.5	123	11.1	60	35
69800E 3925N	113	<0.5	117	10.8	70	61
69800E 3950N	70.4	2.1	131	14.4	90	57
69800E 3975N	39.1	0.5	177	14.1	30	77
69800E 4000N	41.6	<0.5	95	10.5	60	58
69800E 4025N	97.3	<0.5	98	11.1	40	74
69800E 4050N	56.4	<0.5	105	13.2	100	63
69800E 4075N	71.7	<0.5	244	21.9	70	83
69800E 4100N	93.7	<0.5	89	9.0	20	73
69800E 4125N	25.5	<0.5	113	10.0	10	39

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Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
69800E 4150N	223	<0.5	300	36.2	50	103
69800E 4175N	77.8	<0.5	122	10.0	140	77
69800E 4200N	46.4	<0.5	165	11.7	140	81
69800E 4225N	40.8	<0.5	186	14.3	90	104
69800E 4250N	21.2	<0.5	73	8.9	220	95
69800E 4275N	244	1.1	800	81.0	170	149
69800E 4300N	915	0.5	604	114	40	147
69800E 4325N	529	<0.5	560	56.6	60	288
69800E 4350N	150	0.5	569	45.6	360	216
69800E 4375N	124	<0.5	372	32.5	80	147
69900E 3900N	76.3	<0.5	153	12.7	110	87
69900E 3925N	53.3	<0.5	190	16.7	200	132
69900E 3950N	123	<0.5	111	10.3	80	65
69900E 3975N	73.5	<0.5	172	14.9	300	96
69900E 4000N	123	<0.5	604	44.9	60	62
69900E 4025N	142	<0.5	664	51.5	60	93
69900E 4050N	58.8	<0.5	183	14.9	320	100
69900E 4075N	195	<0.5	253	26.5	<10	188
69900E 4100N	52.2	<0.5	201	16.5	520	173
69900E 4125N	81.8	0.7	181	17.7	60	291
69900E 4150N	24.2	0.5	128	11.3	20	41
69900E 4175N	15.3	<0.5	49	3.9	130	51
69900E 4200N	181	0.6	306	29.5	450	257
69900E 4225N	558	1.8	1500	196	40	269
69900E 4250N	46.9	0.8	173	13.4	110	182
69900E 4275N	516	1.7	1680	194	190	147
69900E 4300N	943	0.9	842	97.8	100	207
69900E 4325N	610	1.0	1340	128	370	167
69900E 4350N	359	0.7	769	97.9	300	109
69900E 4375N	17.6	<0.5	107	7.0	210	71

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number
Submission Number
Number of Samples

PO:
PEACOCK/ 80 Soils
80

ANALYSIS REPORT BBM23-34237

Element Method Lower Limit Upper Limit Unit	U GE_MMIM 0.5 -- ppb	W GE_MMIM 0.5 -- ppb	Y GE_MMIM 1 -- ppb	Yb GE_MMIM 0.2 -- ppb	Zn GE_MMIM 10 -- ppb	Zr GE_MMIM 2 -- ppb
70000E 3900N	48.3	<0.5	241	18.1	580	159
70000E 3925N	41.9	<0.5	174	12.1	290	119
70000E 3950N	41.0	<0.5	158	11.5	100	92
70000E 3975N	21.4	0.6	109	12.5	310	308
70000E 4000N	127	1.2	132	13.4	2880	138
70000E 4025N	40.1	<0.5	316	27.7	610	203
70000E 4050N	22.2	0.6	204	18.9	400	127
70000E 4075N	60.4	<0.5	548	36.1	120	145
70000E 4100N	27.9	<0.5	218	19.2	250	180
70000E 4125N	77.6	0.5	209	13.6	50	34
70000E 4150N	57.6	<0.5	151	11.9	280	73
70000E 4175N	47.2	<0.5	379	34.8	220	142
70000E 4200N	74.9	<0.5	272	22.1	960	67
70000E 4225N	81.5	<0.5	158	12.8	430	89
70000E 4250N	435	1.1	1250	133	260	258
70000E 4275N	152	0.6	584	65.7	2870	127
70000E 4300N	31.9	0.6	153	12.2	270	89
70000E 4325N	134	<0.5	334	35.3	130	68
70000E 4350N	16.8	0.8	55	3.7	40	289
70000E 4375N	43.3	<0.5	224	19.1	80	102
*Std AMIS0841	355	1.6	1800	289	710	277
*Rep 69700E 4225N	32.1	0.6	171	12.1	50	46
*Rep 69800E 3900N	42.7	<0.5	131	10.6	60	41
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	2
*Rep 69900E 4000N	146	<0.5	739	55.5	60	77
*Blk BLANK	1.2	<0.5	<1	<0.2	<10	4
*Rep 69900E 4350N	368	0.6	767	93.9	280	108
*Rep 70000E 4375N	45.2	<0.5	258	21.1	90	96
*Std AMIS0841	363	1.8	2040	319	810	301

- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received