

**BC Geological Survey
Assessment Report
42185**



**Assessment Report
Title Page and Summary**

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

TOTAL COST: \$20,966.00

AUTHOR(S): David G Mark

SIGNATURE(S): *David Mark*

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): YEAR OF WORK: 2024

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): SOW #603139 8 dated July 19, 2024

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]:

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2)

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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, 746

8036, 12386, 15318, 16625, 18583, 22900, 24600, 25283, 28271, 32465, 33375, 35153, 35848, 39647, 39539, 41244, 41935

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 76 _____	1058807		\$20,966.00
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:	\$20,966.00

GEOCHEMISTRY REPORT
on a
2024 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: September 28, 2024

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Cadmium	GC-03	
Cerium	GC-04	
Cobalt	GC-05	
Copper	GC-06	
Iron	GC-07	
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Nickel	GC-11	
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1 SUMMARY

The Peacock property is comprised of 3 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. In 2023, an additional 80 samples were picked up along 4 north-south survey lines located 500 meters to the east of the two east-west lines and 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 2023 MMI sampling revealed a large copper/gold/silver anomaly, labelled A, that covered almost the entire grid with a minimum 300 meters east-west by 450 meters north-south. It also revealed an east-west trending rare earth anomaly within the northern part of A, labelled C, that has a minimum strike length of 300 meters being open to the east and to the west.

Because of the very positive results from the 2023 sampling, the grid was expanded in 2024 by sampling along two lines to the west and extending the grid 125 meters to the south.

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 2024 laboratory data results were processed with that of the 2022 and 2023 soil sampling in order to obtain a more accurate background of the metals of exploration interest. Fourteen plan maps were also made, respectively for 14 elements using the laboratory results.

The 2024 MMI soil sampling has expanded Anomaly as well as more accurately defined it. This anomaly, labeled A, also consists of cadmium, gold, and silver anomalies with smaller cobalt and molybdenum anomalies. It is about 550 meters in a north-south direction and a minimum 400 meters in an east-west direction. It being totally open to the southeast therefore suggesting the possibility of anomaly A extending 1200 meters to the Turlight and/or Copperado-A6 showings. The suggested mineralization may be occurring at depth. 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. The 2024 MMI sampling has extended anomaly C an additional 200 meters to give a total minimum strike length of 500 meters.

It is recommended to expand the MMI soil sampling grids in all directions, especially to the southeast of anomaly A toward the Turlight and Copperado-A6 showings. This should then 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 June 10th to the 15th, 2024. The amount of work consisted of 76 samples picked up to the west and to the south for a total survey distance of 1,750 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. MMI™ 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 3 mineral claims covering a total area of 1,427 hectares as tabulated below and as shown on fig. 3.

<u>PEACOCK MINERAL CLAIMS</u>				
<u>Tenure Number</u>	<u>Issue Date</u>	<u>Claim Name</u>	<u>Good Until</u>	<u>Area (ha)</u>
1104467	2020/Mar/25	Peacock	2027/Aug/05	20.68
1113482	2024/Jun/10	Peacock 1	2027/Aug/05	1,282.23
1113483	2024/Jun/10	Peacock 2	2027/Aug/05	124.09
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.

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.

LIONHEART EXPLORATION INC.

PEACOCK PROPERTY

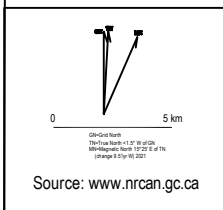
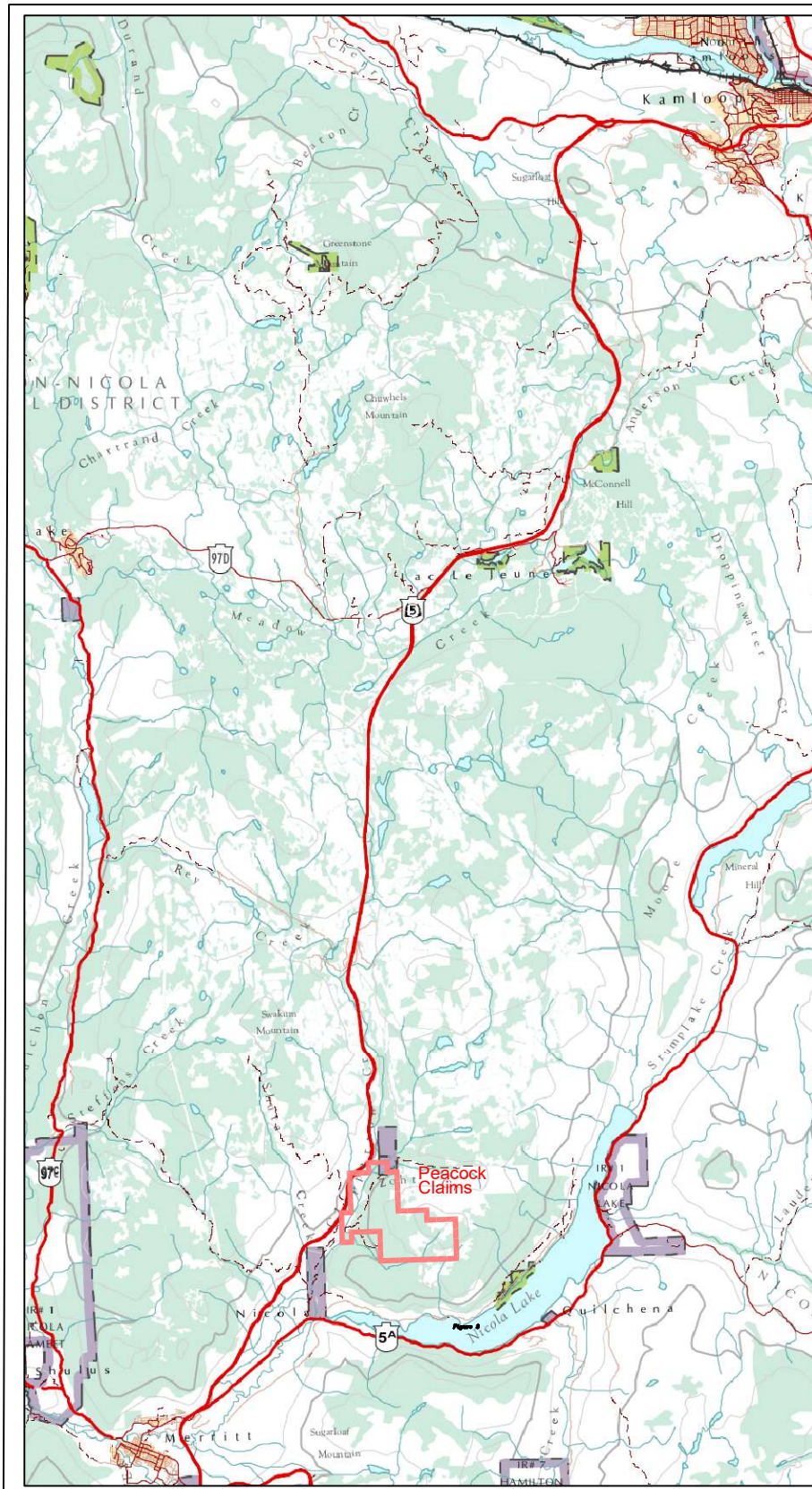
PEACOCK MOUNTAIN, MERRITT AREA, NICOLA MD, BC

BC LOCATION MAP

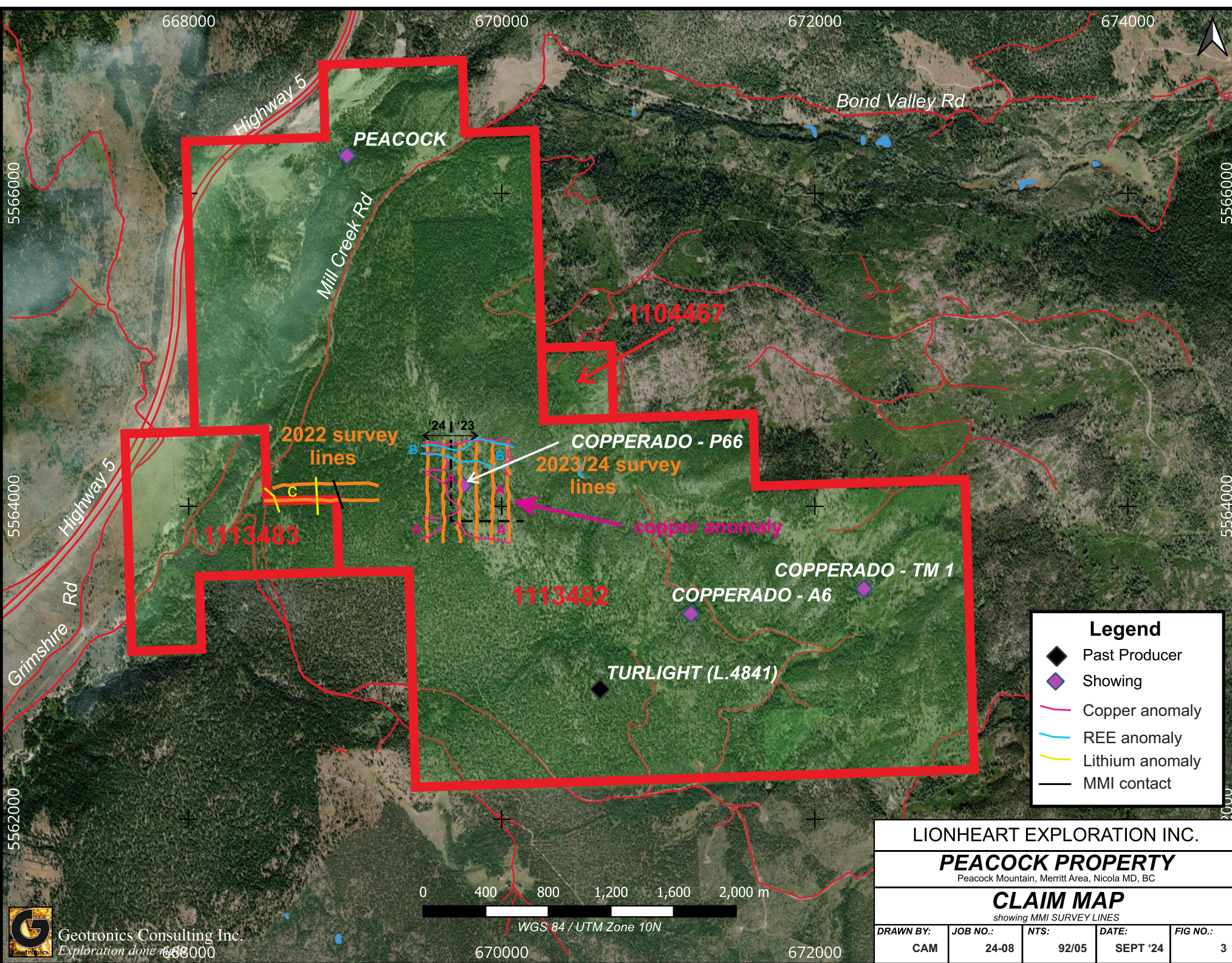
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DGM	23-27	921/02	APR '24	1



Geotronics Consulting Inc
Exploration done right



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>



Geotronics Consulting Inc.
Exploration done 168000

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.

In 2023, Geotronics Consulting carried out MMI soil sampling along four north-south lines on and around the Copperado–P66 showing. The line separation was also 100 meters and the sample interval, 50 meters with the resulting number of samples being 80. The survey revealed a very strong copper-gold-silver anomaly that had a minimum size of 400 meters by 350 meters.

7 GEOLOGY

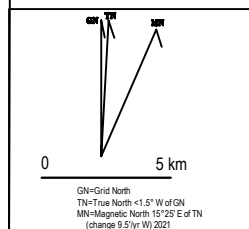
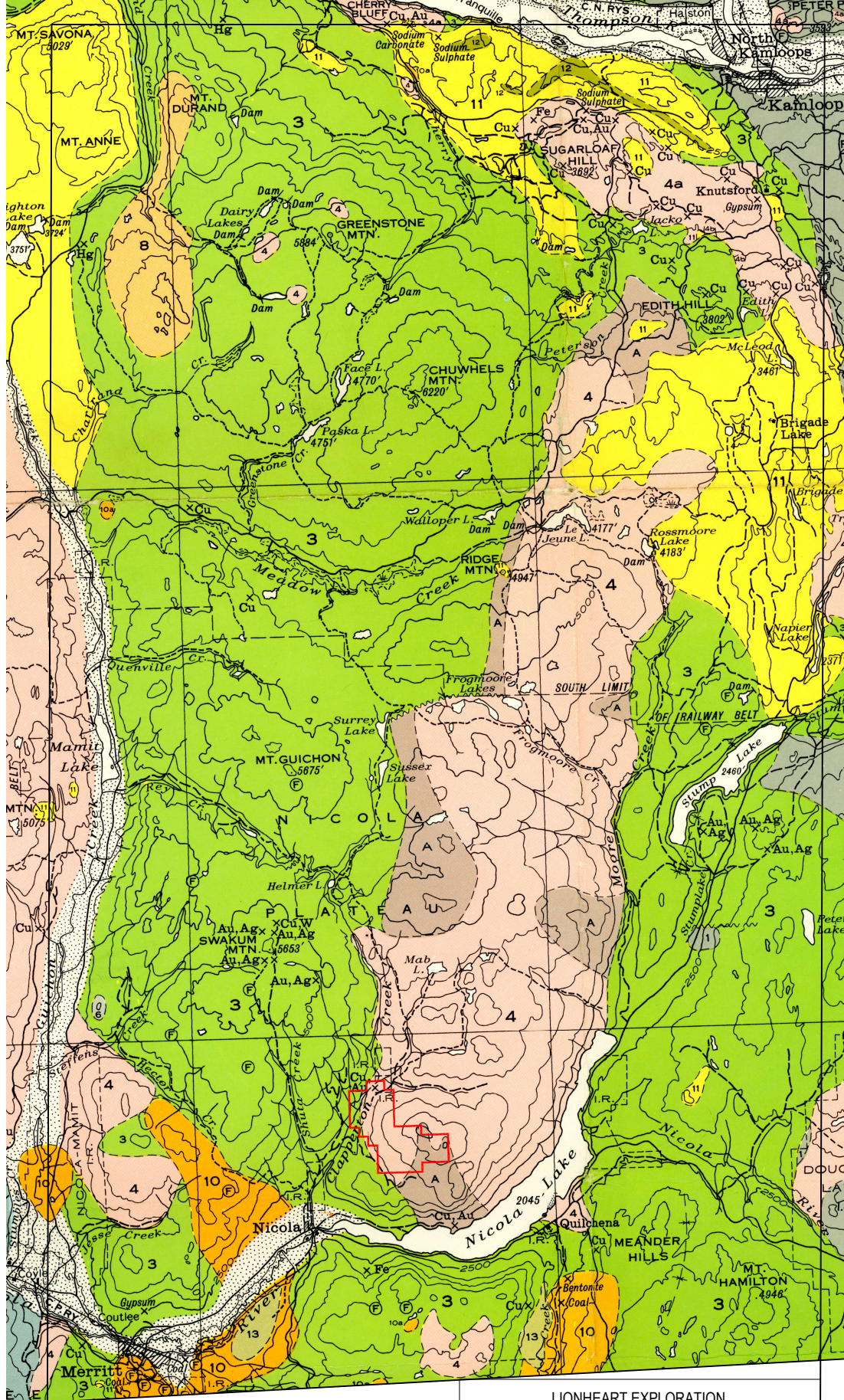
This entire section is taken from Turner’s 2021 report on the property.

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



source: The Map Place

Geology by: Cockfield 1961/0

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



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.

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).

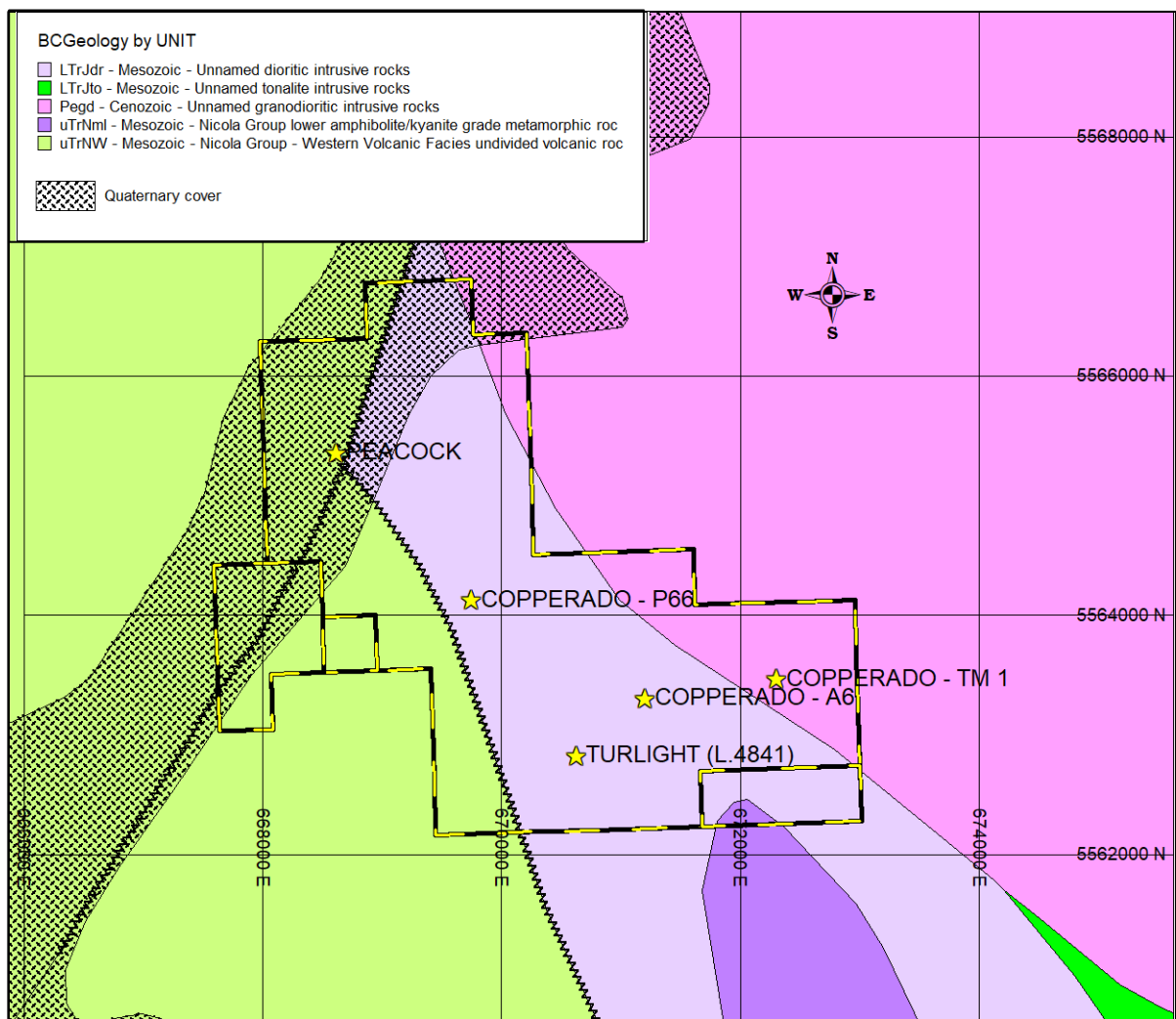


Figure 5: Peacock Property Geology Map (from BCGS)
Peacock project claims outlined in yellow-black lines.

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 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 chalcopryite, 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 chalcopryite, 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 chalcopryite 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 chalcopryite, 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 GRID

The 2023 grid was expanded in 2024 by adding two lines to the west and extending the lines 125 meters to the south, as shown on the claim map, figure 3. This was done because the main anomaly from the 2023 grid was open in both these directions and appeared to be closed to the north and to the east though this is not conclusive. The 2024 sampling was carried out with the same grid parameters as in 2023, that is, picking up a sample every 25 meters on lines 100 meters apart. This resulted in 76 samples along a survey length of 1,750 meters.

The 2024 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 June 5th to 13th, 2024.

8.2 SAMPLING PROCEDURE

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.

8.3 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.

8.4 COMPILATION OF DATA

The 2022, 2023, and 2024 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.

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. These 14 maps, that is, GC-1 to GC-14, are for 14 elements, and these are silver, gold, cadmium, cerium, cobalt, copper, iron, 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.

A 15th map, labelled Sample Location Map with figure GC-0, was drawn up to show the location of the samples with the individual sample labels.

9 DISCUSSION OF RESULTS

The 2023 “Discussion of Results” is repeated but with changes due to the 2024 results.

The 23/24 MMI soil sampling grid was emplaced on and around the Copperado-P66 showing and has revealed two very strong anomalies which are the same as that within the 2023 survey but with added size. These two along with the anomaly within the 2022 grid 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 cadmium, gold, and silver anomalous values cover almost the same area and therefore, anomaly A is defined as a copper-gold-silver-cadmium anomaly. Anomaly A also contains anomalous values in molybdenum, cobalt, and uranium.

The anomaly is 550 meters in a north-south direction and a minimum 400 meters in an east-west direction with small areas of A being open at each of the northwest, northeast, southwest, and southeast corners. However, this anomaly has anomalous values along its southeast edge that are not as strong as those within the center of the anomaly, but are anomalous, nevertheless. The look of the anomaly suggests that it is closing off in this area but the anomalous values along the southeast edge suggest that the causative source mineralization may extend to the southeast and/or south-southeast towards the Turlight showing

and/or the Copperado-A6 showing, both of which are at a distance of about 1200 meters. The lower anomalous values may simply be due to the possible mineralization being at a greater depth.

The low cerium values within anomaly A, other than along anomaly C, also support the possibility of mineralization extending towards the southeast. This indicates that the host rock is a non-acidic type. An additional support of this possibility is that the airborne magnetics strike in this direction.

Lead and zinc anomalous results occur around the western perimeter of anomaly A, as well as around the northeastern perimeter which is typical of some porphyry copper deposits.

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 23/24 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 500 meters being open to both east and west. Its width averages about 120 meters.

C is also anomalous in gold, copper, cobalt, nickel, and uranium and weakly anomalous in lithium. The possible interpretation is that C, like anomaly B, is reflecting a pegmatite dyke.

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 550 meters in a north direction and 400 meters in a west direction. MMI iron, zinc, and lead anomalies suggest that the style of mineralization could be porphyry copper. Anomalous copper values along the southeast edge of this anomaly suggest that the mineralization may continue to the southeast, possibly for 1200 meters towards the Turlight showing and/or the Copperado-A6 showing

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 but with a priority towards the southeast to the Turlight and Copperado-A6 showings.

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 June 10th to the 15th, 2024, 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

September 28, 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 June 10th to the 15th, 2024 to the value of the following:

FIELD:		
MMI, 2-man crew, 3.5 days @ \$2,600/day	\$9,100.00	\$9,100.00
LABORATORY:		
MMI soil analysis, 76 samples @ \$60/sample	\$4,560.00	\$4,560.00
DATA REDUCTION and REPORT:		
Senior Geoscientist, 21 hr @ \$150/hr	\$3,150.00	
Geo-technician with computer, 15 hr @ \$150/hr	\$2,250.00	
TOTAL	\$5,400.00	\$5,400.00
GRAND TOTAL		\$19,060.00
Administration costs @ 10%		\$1,906.00
GRAND TOTAL plus administration costs		\$20,966.00

Respectfully submitted,
Geotronics Consulting Inc.

David Mark

David G. Mark, P.Geo,
Geoscientist

September 28, 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>	<u>Cr</u>	<u>Cs</u>
	DETECTION>>		0.5	1	10	0.1	10	0.5	2	1	2	1	100	0.2
	UNITS>>		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
4000N-8500E	668500	5563994	7.7	52	<10	<0.1	6490	<0.5	597	15	200	61	<100	0.4
4000N-8550E	668549	5563994	19.4	32	<10	<0.1	4310	<0.5	454	14	169	77	<100	<0.2
4000N-8600E	668590	5563995	18.6	43	<10	0.1	4540	<0.5	509	10	252	141	<100	0.3
4000N-8650E	668648	5563997	31.7	6	<10	0.2	1680	<0.5	596	7	3	69	<100	0.3
4000N-8700E	668697	5564001	23.7	6	<10	0.1	3220	<0.5	703	3	<2	26	<100	0.5
4000N-8750E	668747	5564003	17	30	<10	<0.1	7100	<0.5	505	11	89	54	<100	0.5
4000N-8800E	668801	5563997	8.7	37	<10	<0.1	3990	<0.5	509	8	85	65	<100	0.3
4000N-8850E	668845	5564001	22.7	42	<10	0.1	3530	<0.5	423	8	291	73	<100	0.2
4000N-8900E	668901	5563993	23.3	35	<10	<0.1	6780	<0.5	663	11	148	123	<100	<0.2
4000N-8950E	668947	5564001	16.6	32	<10	<0.1	9710	<0.5	784	9	174	150	<100	<0.2
4000N-9000E	669000	5563999	6.4	71	<10	<0.1	8420	<0.5	463	10	320	66	<100	0.2
4000N-9050E	669052	5563995	6.9	66	<10	0.1	10700	<0.5	713	76	269	31	<100	0.5
4000N-9100E	669100	5564000	10.1	37	<10	0.5	5830	<0.5	518	9	387	100	<100	<0.2
4000N-9150E	669148	5563995	13.5	32	<10	<0.1	5190	<0.5	580	12	272	100	<100	<0.2
4000N-9200E	669202	5563999	9.1	48	<10	<0.1	8950	<0.5	595	13	291	167	<100	<0.2
4100N-8550E	668552	5564080	12.3	18	<10	<0.1	2630	<0.5	305	18	72	151	<100	<0.2
4100N-8600E	668603	5564095	19.5	56	<10	0.1	3680	<0.5	284	7	583	116	<100	<0.2
4100N-8650E	668654	5564092	10.1	25	10	<0.1	2790	<0.5	282	15	66	89	<100	<0.2
4100N-8700E	668701	5564099	16.2	33	<10	0.2	3670	<0.5	452	13	189	135	<100	0.2
4100N-8750E	668752	5564099	11.4	67	<10	<0.1	3170	<0.5	375	16	94	25	<100	0.3
4100N-8800E	668800	5564100	3.7	81	<10	<0.1	2800	<0.5	371	13	359	184	<100	0.5
4100N-8850E	668848	5564104	8.9	70	<10	<0.1	2240	<0.5	409	14	147	79	<100	0.3
4100N-8900E	668903	5564101	26.1	57	<10	<0.1	3320	<0.5	477	11	223	79	<100	0.2
4100N-8950E	668954	5564104	10.5	61	<10	<0.1	4090	<0.5	436	12	327	59	<100	0.3
4100N-9000E	669005	5564104	6.1	56	<10	0.2	6670	<0.5	451	6	494	123	<100	<0.2
4100N-9050E	669050	5564107	7.1	76	10	<0.1	8620	<0.5	532	12	271	124	<100	<0.2
4100N-9100E	669100	5564104	16.5	22	<10	0.3	8850	<0.5	779	8	12	140	<100	<0.2
4100N-9150E	669151	5564107	13.3	46	<10	<0.1	5140	<0.5	568	25	193	104	<100	<0.2
4100N-9200E	669201	5564094	17	38	<10	0.1	7000	<0.5	450	10	295	79	<100	<0.2
9500e 3750n	669500	5563752	31.7	30	<10	<0.1	3670	<0.5	659	12	64	61	<100	0.3
9500e 3775n	669496	5563776	11.5	61	<10	<0.1	6510	<0.5	492	6	428	123	<100	0.2
9500e 3800n	669503	5563799	10.8	23	<10	0.2	5270	<0.5	616	7	119	83	<100	<0.2
9500e 3825n	669499	5563824	10.6	44	<10	0.1	7270	<0.5	648	45	187	73	<100	<0.2
9500e 3850n	669495	5563850	20.4	32	<10	0.1	2910	<0.5	862	8	68	91	<100	<0.2
9500e 3875n	669498	5563874	14.6	52	<10	0.1	9280	<0.5	513	11	242	192	<100	<0.2
9500e 3900n	669499	5563899	18.8	32	<10	<0.1	2360	<0.5	490	10	100	40	<100	0.3
9500e 3925n	669497	5563926	9.3	65	<10	<0.1	2230	<0.5	402	9	238	55	<100	0.5
9500e 3950n	669498	5563948	11.1	99	<10	0.3	2890	<0.5	311	18	244	102	<100	0.9
9500e 3975n	669500	5563976	8.5	45	<10	<0.1	5770	<0.5	461	8	440	85	<100	0.3
9500e 4000n	669505	5564000	988	26	20	97.9	3010	<0.5	422	516	47	64	<100	1.8
9500e 4025n	669504	5564025	8.1	73	10	0.1	4880	<0.5	381	42	332	135	<100	0.5
9500e 4050n	669499	5564052	17.2	84	<10	<0.1	3480	<0.5	435	6	230	73	<100	0.3
9500e 4075n	669496	5564075	14.5	89	<10	<0.1	2490	<0.5	406	8	192	47	<100	0.5

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>Cu</u>	<u>Dy</u>	<u>Er</u>	<u>Eu</u>	<u>Fe</u>	<u>Ga</u>	<u>Gd</u>	<u>Hg</u>	<u>In</u>	<u>K</u>	<u>La</u>	<u>Li</u>
	DETECTION>>		10	0.5	0.2	0.2	1	0.5	0.5	1	0.1	0.5	1	1
	UNITS>>		ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
Sample ID.	Easting	Northing												
4000N-8500E	668500	5563994	640	48.3	28.3	12.1	27	2.2	56.5	<1	<0.1	43.8	83	8
4000N-8550E	668549	5563994	1190	54.7	33.3	13.5	22	1.5	66.1	<1	<0.1	156	84	13
4000N-8600E	668590	5563995	1560	72.6	46.2	17.9	17	1.5	87.1	<1	<0.1	91.2	124	77
4000N-8650E	668648	5563997	2790	1.2	0.8	0.3	10	<0.5	1.3	<1	<0.1	144	<1	66
4000N-8700E	668697	5564001	5210	<0.5	<0.2	<0.2	16	<0.5	<0.5	<1	<0.1	158	<1	13
4000N-8750E	668747	5564003	1500	37.5	20.6	10.4	20	1	50.4	<1	<0.1	60	54	16
4000N-8800E	668801	5563997	620	36.7	21.1	9.2	18	1.3	45	<1	<0.1	184	44	40
4000N-8850E	668845	5564001	1490	61	34.7	17.6	38	2.1	80.1	<1	<0.1	85.8	145	18
4000N-8900E	668901	5563993	1740	73.3	42.5	16.5	24	1.3	84.5	<1	<0.1	83.4	87	16
4000N-8950E	668947	5564001	4000	64.9	38.1	16.5	28	1.1	76.8	<1	<0.1	57.9	69	11
4000N-9000E	669000	5563999	480	40.6	23.2	10.8	42	1.8	46.8	<1	<0.1	38.7	106	10
4000N-9050E	669052	5563995	400	28.2	16.6	8.6	48	2.4	34.4	<1	<0.1	72.7	73	4
4000N-9100E	669100	5564000	890	45.3	25	12	43	1.4	50.6	<1	<0.1	44.8	126	5
4000N-9150E	669148	5563995	1120	71.9	43.2	17.1	26	1.5	83.1	<1	<0.1	85.3	98	9
4000N-9200E	669202	5563999	1140	44.8	27.1	12.4	37	1.7	52.3	<1	<0.1	49.5	100	8
4100N-8550E	668552	5564080	2200	27.3	16.7	6.7	8	0.9	31.7	<1	<0.1	196	35	59
4100N-8600E	668603	5564095	750	89.3	49.1	22.9	40	2	101	<1	<0.1	45.3	238	12
4100N-8650E	668654	5564092	590	25	14.9	5.7	9	1.1	28.6	<1	<0.1	234	36	28
4100N-8700E	668701	5564099	1730	63.8	37.8	16.5	16	1.4	77	<1	<0.1	141	90	51
4100N-8750E	668752	5564099	1090	33.4	20.2	8.5	43	1.8	39.2	<1	<0.1	88.3	52	4
4100N-8800E	668800	5564100	880	85.2	56.6	19.4	33	2.4	91.9	<1	<0.1	66.4	141	45
4100N-8850E	668848	5564104	810	33.3	20.2	8.2	33	2.1	37.6	<1	<0.1	103	56	7
4100N-8900E	668903	5564101	1620	70.9	42.5	16.9	38	1.9	84	<1	<0.1	86.3	123	17
4100N-8950E	668954	5564104	940	55.5	33.4	15	40	2.6	69.6	<1	<0.1	92.4	128	17
4100N-9000E	669005	5564104	750	57	33.5	14.7	54	2.3	65.9	<1	<0.1	43.8	153	8
4100N-9050E	669050	5564107	1030	52.2	30.9	13.5	42	2	59	<1	<0.1	157	114	8
4100N-9100E	669100	5564104	1980	16.4	11.5	3.3	20	0.5	15.3	<1	<0.1	171	5	7
4100N-9150E	669151	5564107	1220	41.3	24	10.7	35	1.9	48.1	<1	<0.1	86.7	80	7
4100N-9200E	669201	5564094	1350	49.6	27.9	13.9	36	1.8	64.1	<1	<0.1	118	139	6
9500e 3750n	669500	5563752	2020	13.3	7.4	3.8	26	1.6	16.9	<1	<0.1	56.3	29	<1
9500e 3775n	669496	5563776	3760	90.3	52.4	23.8	42	3	99.5	<1	<0.1	49.7	176	15
9500e 3800n	669503	5563799	2580	29.2	15	9	20	1.2	37.6	<1	<0.1	65.1	65	5
9500e 3825n	669499	5563824	5370	25.9	14.8	7.3	36	1.8	31.4	<1	<0.1	76.3	59	<1
9500e 3850n	669495	5563850	12600	25	14.3	6.5	25	1.1	28.6	<1	<0.1	97.9	35	3
9500e 3875n	669498	5563874	25500	33.2	18.8	9.2	28	2.3	39	<1	<0.1	74.5	96	6
9500e 3900n	669499	5563899	950	9.8	4.5	2.7	33	1.2	11.9	<1	<0.1	80.4	31	3
9500e 3925n	669497	5563926	730	19.7	8.9	5.1	43	2.2	21.3	<1	<0.1	69.5	64	4
9500e 3950n	669498	5563948	540	18.5	9.2	4.3	79	4.7	18.7	<1	<0.1	62.3	70	3
9500e 3975n	669500	5563976	790	43.1	24.9	10.3	33	2.3	50.6	<1	<0.1	36.4	121	5
9500e 4000n	669505	5564000	41300	18.1	13.5	4.7	32	1.8	18.6	3	<0.1	49.5	49	2
9500e 4025n	669504	5564025	840	35.4	18.7	8.7	56	3.7	39	<1	<0.1	47.2	120	4
9500e 4050n	669499	5564052	460	21.3	10.6	5.8	56	2.7	24.4	<1	<0.1	62.7	82	8
9500e 4075n	669496	5564075	670	27.3	14.6	7.1	49	3.1	31.2	<1	<0.1	53.3	61	4

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb
	DETECTION>>		0.5	100	2	0.5	1	5	0.1	5	1	0.5	0.1	1
	UNITS>>		ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
4000N-8500E	668500	5563994	127	16200	11	2	155	313	2.2	80	<1	30.9	<0.1	27
4000N-8550E	668549	5563994	186	13000	6	0.9	179	527	3.4	60	<1	34.2	<0.1	15
4000N-8600E	668590	5563995	283	11600	7	0.8	223	661	2.2	97	<1	43.4	<0.1	26
4000N-8650E	668648	5563997	396	3800	16	<0.5	2	466	2.7	17	<1	<0.5	<0.1	44
4000N-8700E	668697	5564001	175	2400	11	<0.5	<1	441	1.5	6	1	<0.5	<0.1	57
4000N-8750E	668747	5564003	230	6300	8	0.8	132	248	1.9	42	<1	23.8	<0.1	52
4000N-8800E	668801	5563997	249	13600	24	<0.5	103	506	4.2	52	<1	18.7	<0.1	76
4000N-8850E	668845	5564001	89.7	9500	8	1.4	276	399	3.8	49	<1	54.7	<0.1	32
4000N-8900E	668901	5563993	194	11800	6	0.9	189	526	2.2	60	<1	34.3	<0.1	28
4000N-8950E	668947	5564001	202	7900	7	1.1	166	383	1.4	63	<1	29.6	<0.1	12
4000N-9000E	669000	5563999	108	10300	3	1.1	163	219	2.5	71	<1	34.7	<0.1	40
4000N-9050E	669052	5563995	105	23800	15	3.5	131	471	3.3	20	<1	27.5	<0.1	103
4000N-9100E	669100	5564000	163	6200	7	1.9	185	165	1.8	57	<1	40	0.5	17
4000N-9150E	669148	5563995	170	9000	9	1.2	211	325	1.8	59	<1	40.3	<0.1	18
4000N-9200E	669202	5563999	195	17900	6	1.6	159	324	1.2	76	<1	34	<0.1	21
4100N-8550E	668552	5564080	603	11500	47	0.9	71	720	7.5	76	<1	13	<0.1	23
4100N-8600E	668603	5564095	236	8400	9	2	371	355	2.9	103	<1	80	<0.1	17
4100N-8650E	668654	5564092	454	13900	22	0.8	68	306	9	88	<1	13	<0.1	39
4100N-8700E	668701	5564099	256	17100	16	0.5	201	869	2.4	68	<1	37	<0.1	37
4100N-8750E	668752	5564099	105	9900	7	2	110	211	5.2	33	<1	21.2	<0.1	33
4100N-8800E	668800	5564100	156	21800	6	0.5	275	445	2.8	189	<1	55.7	<0.1	64
4100N-8850E	668848	5564104	85.9	10100	8	1.8	112	235	4.1	76	<1	22.5	<0.1	38
4100N-8900E	668903	5564101	139	9500	8	1.9	235	448	5.9	86	<1	46.8	<0.1	33
4100N-8950E	668954	5564104	65.3	10500	8	1.9	229	432	4.9	59	<1	48.4	<0.1	40
4100N-9000E	669005	5564104	115	8700	4	2.4	237	157	2.1	52	<1	51.8	<0.1	45
4100N-9050E	669050	5564107	123	20700	4	1.8	191	449	4.9	113	<1	40.9	<0.1	5
4100N-9100E	669100	5564104	143	8200	8	2.7	17	284	2.2	43	<1	2.9	<0.1	4
4100N-9150E	669151	5564107	108	15400	9	1.6	144	396	2.8	88	<1	28.6	<0.1	38
4100N-9200E	669201	5564094	112	9900	10	2.2	220	274	3	109	<1	45.9	<0.1	21
9500e 3750n	669500	5563752	45.6	5600	2	1	53	143	2.2	36	<1	10.6	<0.1	44
9500e 3775n	669496	5563776	163	7000	3	0.7	339	395	3	51	<1	66.6	<0.1	53
9500e 3800n	669503	5563799	117	6000	4	<0.5	128	184	2.4	40	<1	24	<0.1	40
9500e 3825n	669499	5563824	109	7200	3	0.8	105	123	2.1	27	<1	21.9	<0.1	21
9500e 3850n	669495	5563850	126	4000	<2	<0.5	85	276	3.2	37	<1	15.2	<0.1	25
9500e 3875n	669498	5563874	126	8800	3	0.9	150	318	2.3	111	<1	33.6	<0.1	29
9500e 3900n	669499	5563899	64	4400	5	0.9	50	151	4.6	126	<1	11	<0.1	48
9500e 3925n	669497	5563926	75.6	7800	7	2.1	91	113	10.1	143	<1	21.4	<0.1	48
9500e 3950n	669498	5563948	72.1	8800	7	4.6	84	100	8.2	319	<1	21.1	<0.1	63
9500e 3975n	669500	5563976	94.1	5200	4	0.5	198	191	1.7	227	<1	44	<0.1	52
9500e 4000n	669505	5564000	37.9	6700	10	0.5	88	173	2.1	24600	2	18.7	<0.1	73
9500e 4025n	669504	5564025	72.3	7900	6	2.2	163	149	6.1	151	<1	37	<0.1	69
9500e 4050n	669499	5564052	57.5	5400	8	2.8	101	179	9.7	100	<1	24.3	<0.1	29
9500e 4075n	669496	5564075	60.1	2800	8	1.8	110	146	6.3	55	<1	23.5	<0.1	56

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>Sb</u>	<u>Sc</u>	<u>Sm</u>	<u>Sn</u>	<u>Sr</u>	<u>Ta</u>	<u>Tb</u>	<u>Te</u>	<u>Th</u>	<u>Ti</u>	<u>Tl</u>	<u>U</u>
	DETECTION>>		0.5	5	1	1	10	1	0.1	10	0.5	10	0.1	0.5
	UNITS>>		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
4000N-8500E	668500	5563994	<0.5	41	43	<1	2980	<1	8.7	10	22.3	40	0.2	31.2
4000N-8550E	668549	5563994	<0.5	37	50	<1	4590	<1	9.7	10	27.8	40	0.1	36.7
4000N-8600E	668590	5563995	<0.5	32	64	<1	9390	<1	12.9	<10	59	50	0.1	28.5
4000N-8650E	668648	5563997	<0.5	22	<1	<1	15200	<1	0.2	<10	1.7	30	0.1	12.5
4000N-8700E	668697	5564001	<0.5	14	<1	<1	13100	<1	<0.1	<10	<0.5	20	<0.1	8.7
4000N-8750E	668747	5564003	<0.5	29	40	<1	9560	<1	7	<10	25.4	40	0.1	36.4
4000N-8800E	668801	5563997	<0.5	28	32	<1	7910	<1	6.3	<10	25.2	60	0.1	19.4
4000N-8850E	668845	5564001	<0.5	44	68	<1	4310	<1	11.4	<10	47.3	50	0.1	30.3
4000N-8900E	668901	5563993	<0.5	37	57	<1	5720	<1	12.3	<10	26.9	30	0.1	47.5
4000N-8950E	668947	5564001	<0.5	41	53	<1	4270	<1	11.3	<10	25.1	20	<0.1	35.2
4000N-9000E	669000	5563999	<0.5	73	40	<1	2630	<1	7.3	<10	24.9	30	0.1	17
4000N-9050E	669052	5563995	<0.5	65	32	<1	3900	<1	5.5	<10	27.1	110	0.3	12.4
4000N-9100E	669100	5564000	<0.5	61	44	<1	3030	<1	8.2	<10	30.9	30	0.2	29.7
4000N-9150E	669148	5563995	<0.5	36	59	<1	2900	<1	12.6	<10	21.2	20	<0.1	36.6
4000N-9200E	669202	5563999	<0.5	71	42	<1	3240	<1	7.8	<10	28.5	30	<0.1	27.6
4100N-8550E	668552	5564080	<0.5	20	22	<1	11100	<1	4.7	<10	29.5	60	<0.1	51.6
4100N-8600E	668603	5564095	<0.5	93	91	<1	3920	<1	15.9	<10	42.1	70	<0.1	87.1
4100N-8650E	668654	5564092	<0.5	29	21	<1	9050	<1	4.6	<10	19.3	90	0.2	36.5
4100N-8700E	668701	5564099	<0.5	26	59	<1	8720	<1	11.4	<10	53.7	30	0.2	25.8
4100N-8750E	668752	5564099	<0.5	43	30	<1	5070	<1	5.7	<10	14.8	60	0.1	31.1
4100N-8800E	668800	5564100	<0.5	59	74	<1	6000	<1	14.3	<10	42.9	70	0.2	51.1
4100N-8850E	668848	5564104	<0.5	49	31	<1	3130	<1	5.9	<10	22.8	70	<0.1	33.6
4100N-8900E	668903	5564101	<0.5	54	64	<1	3960	<1	12.3	<10	28.8	70	0.2	58.7
4100N-8950E	668954	5564104	<0.5	55	60	<1	2870	<1	10.3	<10	39.5	120	0.1	36.5
4100N-9000E	669005	5564104	<0.5	91	58	<1	2330	<1	10.2	<10	33.3	40	0.1	29.2
4100N-9050E	669050	5564107	<0.5	69	50	<1	2690	<1	9	<10	27.3	70	<0.1	26.6
4100N-9100E	669100	5564104	<0.5	22	7	<1	3320	<1	2.5	<10	4.4	30	<0.1	31.9
4100N-9150E	669151	5564107	<0.5	46	38	<1	2460	<1	7.7	<10	22	40	<0.1	27.2
4100N-9200E	669201	5564094	<0.5	43	53	<1	2080	<1	8.9	<10	37.3	40	0.2	38.2
9500e 3750n	669500	5563752	<0.5	19	13	<1	2670	<1	2.4	<10	7.3	20	<0.1	18.4
9500e 3775n	669496	5563776	<0.5	75	87	<1	2200	<1	14.8	<10	32.4	50	<0.1	26.3
9500e 3800n	669503	5563799	<0.5	26	34	<1	2960	<1	5.3	<10	15.7	20	0.1	15.3
9500e 3825n	669499	5563824	<0.5	29	27	<1	3140	<1	4.4	<10	9.4	10	<0.1	19.3
9500e 3850n	669495	5563850	<0.5	21	23	<1	3090	<1	4.3	<10	6	10	<0.1	17.7
9500e 3875n	669498	5563874	<0.5	48	36	<1	2540	<1	5.8	<10	19.5	60	0.1	17.8
9500e 3900n	669499	5563899	<0.5	35	12	<1	2660	<1	1.8	<10	13.1	50	<0.1	9.7
9500e 3925n	669497	5563926	<0.5	52	21	<1	2030	<1	3.4	<10	17.4	130	0.1	10.6
9500e 3950n	669498	5563948	<0.5	66	19	<1	1480	<1	3.2	<10	29	320	0.2	12
9500e 3975n	669500	5563976	<0.5	33	50	<1	2140	<1	7.2	<10	23.9	30	0.1	14.7
9500e 4000n	669505	5564000	<0.5	41	18	<1	1250	<1	2.7	<10	8.4	30	0.1	22.2
9500e 4025n	669504	5564025	<0.5	82	38	<1	1500	<1	6.1	<10	25.2	180	<0.1	15.9
9500e 4050n	669499	5564052	<0.5	65	25	<1	2390	<1	3.7	<10	25.6	210	<0.1	15.4
9500e 4075n	669496	5564075	<0.5	79	29	<1	1820	<1	4.7	<10	14.9	160	<0.1	18.4

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>W</u>	<u>Y</u>	<u>Yb</u>	<u>Zn</u>	<u>Zr</u>
	DETECTION>>		0.5	1	0.2	10	2
	UNITS>>		ppb	ppb	ppb	ppb	ppb
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>					
4000N-8500E	668500	5563994	1	256	23.3	740	131
4000N-8550E	668549	5563994	<0.5	294	26.9	550	125
4000N-8600E	668590	5563995	<0.5	372	36.3	180	132
4000N-8650E	668648	5563997	<0.5	7	0.7	50	19
4000N-8700E	668697	5564001	<0.5	2	<0.2	40	9
4000N-8750E	668747	5564003	<0.5	210	16	240	69
4000N-8800E	668801	5563997	<0.5	183	17.5	300	46
4000N-8850E	668845	5564001	<0.5	310	28.1	180	127
4000N-8900E	668901	5563993	<0.5	405	35	250	80
4000N-8950E	668947	5564001	<0.5	370	31.6	160	92
4000N-9000E	669000	5563999	<0.5	198	20.5	930	154
4000N-9050E	669052	5563995	<0.5	145	14.6	7480	168
4000N-9100E	669100	5564000	<0.5	220	20.6	260	175
4000N-9150E	669148	5563995	<0.5	378	35.5	390	114
4000N-9200E	669202	5563999	<0.5	240	23.2	460	160
4100N-8550E	668552	5564080	<0.5	149	13.7	480	67
4100N-8600E	668603	5564095	<0.5	442	41.9	450	278
4100N-8650E	668654	5564092	<0.5	132	12.7	1300	91
4100N-8700E	668701	5564099	<0.5	336	29.5	80	65
4100N-8750E	668752	5564099	<0.5	194	17	930	116
4100N-8800E	668800	5564100	<0.5	447	53.2	510	209
4100N-8850E	668848	5564104	<0.5	174	17.9	690	178
4100N-8900E	668903	5564101	<0.5	389	35.7	610	172
4100N-8950E	668954	5564104	<0.5	286	28.2	420	197
4100N-9000E	669005	5564104	<0.5	301	29.3	340	272
4100N-9050E	669050	5564107	<0.5	274	27.7	700	214
4100N-9100E	669100	5564104	<0.5	87	10.4	100	72
4100N-9150E	669151	5564107	<0.5	225	20.8	510	161
4100N-9200E	669201	5564094	<0.5	275	22.7	300	179
9500e 3750n	669500	5563752	1	77	6.3	400	33
9500e 3775n	669496	5563776	0.6	497	43.6	330	117
9500e 3800n	669503	5563799	<0.5	161	12.1	500	40
9500e 3825n	669499	5563824	<0.5	146	12.4	500	52
9500e 3850n	669495	5563850	<0.5	142	12.1	350	33
9500e 3875n	669498	5563874	<0.5	174	15.7	340	94
9500e 3900n	669499	5563899	<0.5	48	4	640	47
9500e 3925n	669497	5563926	0.5	90	7.5	1600	122
9500e 3950n	669498	5563948	0.6	83	7.1	2020	292
9500e 3975n	669500	5563976	<0.5	225	19.3	420	77
9500e 4000n	669505	5564000	<0.5	143	14.4	13100	64
9500e 4025n	669504	5564025	<0.5	176	14.8	3580	204
9500e 4050n	669499	5564052	0.6	100	8.3	610	142
9500e 4075n	669496	5564075	<0.5	133	11.5	650	141

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>	<u>Cr</u>	<u>Cs</u>
	DETECTION>>		0.5	1	10	0.1	10	0.5	2	1	2	1	100	0.2
	UNITS>>		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
9500e 4100n	669501	5564100	17.8	62	<10	<0.1	5980	<0.5	333	6	140	20	<100	0.3
9500e 4125n	669496	5564125	14.2	74	<10	<0.1	5470	<0.5	427	12	179	19	<100	0.5
9500e 4150n	669500	5564147	15	77	<10	<0.1	3910	<0.5	425	15	380	39	<100	0.4
9500e 4175n	669498	5564174	15.6	56	<10	0.2	4640	<0.5	517	10	200	56	<100	0.5
9500e 4200n	669499	5564198	9.1	53	<10	<0.1	5740	<0.5	383	5	181	17	<100	0.3
9500e 4225n	669502	5564225	14	31	<10	<0.1	2930	<0.5	482	8	48	20	<100	0.2
9500e 4250n	669503	5564251	13.7	91	<10	<0.1	4310	<0.5	335	5	167	36	<100	0.2
9500e 4275n	669502	5564274	12.4	33	<10	0.1	2770	<0.5	443	8	154	35	<100	<0.2
9500e 4300n	669502	5564302	28.1	71	<10	0.5	4240	<0.5	452	11	454	101	<100	0.2
9500e 4325n	669501	5564324	20.5	87	<10	0.1	2770	<0.5	364	4	450	64	<100	0.2
9500e 4350n	669499	5564349	11.5	24	<10	0.2	3270	<0.5	585	8	181	87	<100	0.3
9500e 4375n	669499	5564374	12.9	59	<10	<0.1	2650	<0.5	415	10	260	49	<100	0.2
9600e 3750n	669597	5563750	14.2	57	<10	<0.1	7010	<0.5	449	11	526	91	<100	0.3
9600e 3775n	669595	5563775	9.3	67	<10	<0.1	3120	<0.5	392	11	289	61	<100	0.2
9600e 3800n	669593	5563799	14.2	27	<10	<0.1	4690	<0.5	515	3	110	30	<100	0.3
9600e 3825n	669597	5563823	16.1	33	<10	0.2	5550	<0.5	465	6	232	42	<100	0.3
9600e 3850n	669599	5563850	8.5	66	<10	<0.1	5250	<0.5	388	10	412	58	<100	0.3
9600e 3875n	669606	5563873	9.3	60	<10	<0.1	4440	<0.5	426	7	393	43	<100	0.3
9600e 3900n	669604	5563902	14.9	25	<10	0.1	5550	<0.5	481	10	131	49	<100	<0.2
9600e 3925n	669597	5563928	10.7	36	<10	0.1	5110	<0.5	465	9	331	30	<100	0.3
9600e 3950n	669597	5563950	13.9	44	<10	0.1	3690	<0.5	423	15	302	44	<100	0.2
9600e 3975n	669600	5563974	7	89	<10	0.1	5170	<0.5	380	17	298	31	<100	0.6
9600e 4000n	669596	5564000	17.7	46	<10	<0.1	5380	<0.5	564	20	116	56	<100	<0.2
9600e 4025n	669592	5564024	16.8	34	<10	<0.1	5480	<0.5	488	6	115	19	<100	<0.2
9600e 4050n	669594	5564050	35.6	33	<10	<0.1	3540	<0.5	462	5	90	22	<100	<0.2
9600e 4075n	669600	5564075	10.8	85	<10	<0.1	3220	<0.5	514	12	139	36	<100	0.2
9600e 4100n	669598	5564102	26.3	43	<10	<0.1	2730	<0.5	588	9	94	42	<100	0.4
9600e 4125n	669594	5564124	16.7	91	<10	<0.1	2910	<0.5	579	14	198	57	<100	0.3
9600e 4150n	669595	5564149	46	31	<10	0.5	2140	<0.5	1041	13	72	62	<100	0.5
9600e 4175n	669600	5564173	58.9	31	<10	0.2	1900	<0.5	747	11	19	34	<100	0.3
9600e 4200n	669596	5564202	18.6	59	<10	<0.1	1840	<0.5	453	17	63	21	<100	0.5
9600e 4225n	669602	5564227	30.8	34	<10	0.1	2340	<0.5	575	10	19	15	<100	0.2
9600e 4250n	669600	5564252	11.7	112	<10	<0.1	2940	<0.5	483	25	82	28	<100	0.3
9600e 4275n	669600	5564275	20.1	36	<10	<0.1	5660	<0.5	450	4	208	25	<100	0.6
9600e 4300n	669596	5564301	28.5	32	<10	0.1	6270	<0.5	520	6	263	83	<100	<0.2
9600e 4325n	669598	5564324	35.3	48	<10	0.2	7050	<0.5	512	11	448	130	<100	0.4
9600e 4350n	669601	5564353	35.8	15	<10	<0.1	2690	<0.5	528	17	22	24	<100	<0.2
9600e 4375n	669600	5564375	12.5	25	<10	<0.1	4400	<0.5	480	4	313	68	<100	<0.2
9700e 3750n	669699	5563750	20.9	39	<10	<0.1	5150	<0.5	434	7	379	39	<100	0.3
9700e 3775n	669707	5563781	13.7	18	<10	<0.1	3200	<0.5	453	4	144	26	<100	<0.2
9700e 3800n	669697	5563799	14.9	49	<10	<0.1	1750	<0.5	340	5	497	102	<100	0.4
9700e 3825n	669697	5563824	14.3	52	<10	<0.1	5210	<0.5	549	16	147	30	<100	0.4
9700e 3850n	669682	5563849	16.6	24	<10	<0.1	5380	<0.5	744	8	48	27	<100	0.3

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>Cu</u>	<u>Dy</u>	<u>Er</u>	<u>Eu</u>	<u>Fe</u>	<u>Ga</u>	<u>Gd</u>	<u>Hg</u>	<u>In</u>	<u>K</u>	<u>La</u>	<u>Li</u>
	DETECTION>>		10	0.5	0.2	0.2	1	0.5	0.5	1	0.1	0.5	1	1
	UNITS>>		ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
Sample ID.	Easting	Northing												
9500e 4100n	669501	5564100	570	20.7	10.8	6.2	32	2.6	26	<1	<0.1	105	71	2
9500e 4125n	669496	5564125	720	26.2	13.6	6.9	30	2.4	30.1	<1	<0.1	104	66	3
9500e 4150n	669500	5564147	810	39.1	20.5	10.2	35	3.1	45.6	<1	<0.1	58.4	110	4
9500e 4175n	669498	5564174	2940	37.1	19.9	9.4	42	1.8	46.3	<1	<0.1	55.1	82	4
9500e 4200n	669499	5564198	380	17.1	8	5.4	30	2.1	21.3	<1	<0.1	63	64	3
9500e 4225n	669502	5564225	710	9.5	5.3	3	23	1.4	12	<1	<0.1	104	29	2
9500e 4250n	669503	5564251	240	15.8	7.4	4.3	54	3.7	17.4	<1	<0.1	116	59	4
9500e 4275n	669502	5564274	510	22.7	11.6	6.5	24	1.4	27.9	<1	<0.1	145	63	3
9500e 4300n	669502	5564302	5340	46.7	25.5	12.5	45	3.2	54.6	<1	<0.1	120	144	8
9500e 4325n	669501	5564324	3710	47.8	26.7	13.8	48	3.6	60	<1	<0.1	81.2	136	14
9500e 4350n	669499	5564349	3300	29.4	16.9	9	23	1.4	39.3	<1	<0.1	86	73	4
9500e 4375n	669499	5564374	870	31.9	16.3	9.1	37	2.6	39.1	<1	<0.1	164	90	7
9600e 3750n	669597	5563750	1260	85.7	47.1	22.4	43	3.9	103	<1	<0.1	52.6	209	10
9600e 3775n	669595	5563775	830	24.8	12.1	6.9	55	2.4	30.5	<1	<0.1	84.4	88	5
9600e 3800n	669593	5563799	920	13.1	6.6	3.8	29	1.2	16.9	<1	<0.1	72.6	47	3
9600e 3825n	669597	5563823	1370	36.5	18.1	10.3	27	1.9	47.8	<1	<0.1	60.6	99	4
9600e 3850n	669599	5563850	700	43.7	23.3	13.3	30	3	56.2	<1	<0.1	118	139	5
9600e 3875n	669606	5563873	670	39.8	19.4	10.6	34	3	47.6	<1	<0.1	110	116	6
9600e 3900n	669604	5563902	600	13.3	6.6	4.6	21	1.4	18.7	<1	<0.1	83.4	50	2
9600e 3925n	669597	5563928	650	26.5	13.1	7.8	29	2	35.3	<1	<0.1	75.8	92	1
9600e 3950n	669597	5563950	670	27.6	14	7.2	39	2.4	32.8	<1	<0.1	67.1	94	3
9600e 3975n	669600	5563974	400	33.5	18	8	51	3.6	37.6	<1	<0.1	54.2	92	2
9600e 4000n	669596	5564000	1100	28.9	16.3	6.9	32	1.9	31.6	<1	<0.1	138	47	3
9600e 4025n	669592	5564024	590	11.4	5.8	3.5	26	1.2	16	<1	<0.1	113	43	1
9600e 4050n	669594	5564050	780	20	10	5.2	28	1.5	25.1	<1	<0.1	219	49	1
9600e 4075n	669600	5564075	690	26.8	15.2	6.5	36	2	28.8	<1	<0.1	154	49	3
9600e 4100n	669598	5564102	4270	39.3	21.2	10.9	21	1.6	49.3	<1	<0.1	181	67	3
9600e 4125n	669594	5564124	2290	46.9	27.9	10.7	47	3.4	49.7	<1	<0.1	178	72	6
9600e 4150n	669595	5564149	53400	25.9	19.4	7.6	21	1.3	30.3	<1	<0.1	70.6	56	6
9600e 4175n	669600	5564173	6240	8.6	4.8	2.4	23	1.1	10.7	<1	<0.1	77.1	13	1
9600e 4200n	669596	5564202	1190	11.6	5.2	3.8	33	3	15.6	<1	<0.1	166	32	4
9600e 4225n	669602	5564227	1130	4.1	2	1.3	24	1.3	4.8	<1	<0.1	118	9	1
9600e 4250n	669600	5564252	1380	12.8	7.1	3	44	3.1	12.3	<1	<0.1	183	22	4
9600e 4275n	669600	5564275	2080	28.4	14.1	9	24	2.1	36.7	<1	<0.1	57.8	85	11
9600e 4300n	669596	5564301	13000	40.5	20.2	12.7	28	2.4	52.4	<1	<0.1	82.1	127	4
9600e 4325n	669598	5564324	7960	52	26.7	16.6	37	3.6	63.8	<1	<0.1	54.2	186	6
9600e 4350n	669601	5564353	2950	7	3.4	2.4	15	0.7	10	<1	<0.1	223	16	1
9600e 4375n	669600	5564375	2620	32.8	15.1	10.7	22	2.3	44.8	<1	<0.1	75.6	103	10
9700e 3750n	669699	5563750	630	36.5	17	10.4	40	2.9	46.3	<1	<0.1	80.9	142	5
9700e 3775n	669707	5563781	540	20.1	8.8	6.4	22	1.4	27.4	<1	<0.1	144	73	3
9700e 3800n	669697	5563799	1060	42.7	20.1	12.5	49	3.5	55	<1	<0.1	65.2	168	8
9700e 3825n	669697	5563824	620	25.6	13.9	7	39	2.7	31.3	<1	<0.1	183	54	3
9700e 3850n	669682	5563849	1960	25.4	12.4	7.3	16	1.1	34.4	<1	<0.1	94.4	39	6

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb
	DETECTION>>		0.5	100	2	0.5	1	5	0.1	5	1	0.5	0.1	1
	UNITS>>		ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
9500e 4100n	669501	5564100	73.4	3300	4	1.8	109	106	6	47	<1	23.8	<0.1	36
9500e 4125n	669496	5564125	58.7	5100	5	1.1	119	147	4.8	37	<1	24.2	<0.1	73
9500e 4150n	669500	5564147	62.9	10300	5	1.3	191	172	4.1	42	<1	40.1	<0.1	68
9500e 4175n	669498	5564174	44.4	3200	5	2	165	145	7	29	<1	32.5	<0.1	48
9500e 4200n	669499	5564198	38.2	3800	6	1.3	91	115	3.8	34	<1	20.3	<0.1	44
9500e 4225n	669502	5564225	58.6	5700	6	1	51	138	4.7	20	<1	9.7	<0.1	30
9500e 4250n	669503	5564251	58.4	4900	9	3.6	77	105	10.8	95	<1	18.1	<0.1	6
9500e 4275n	669502	5564274	57.2	6400	10	1.1	110	137	2.8	33	<1	23.1	<0.1	41
9500e 4300n	669502	5564302	82.3	9900	14	2.7	217	262	4.1	77	<1	50.4	<0.1	46
9500e 4325n	669501	5564324	64.8	6700	11	1.8	242	182	8.1	47	<1	51.6	<0.1	33
9500e 4350n	669499	5564349	78.9	10500	14	1.1	142	286	2.2	34	<1	28	<0.1	53
9500e 4375n	669499	5564374	82.5	9800	8	1.8	150	274	2.7	55	<1	33.4	<0.1	44
9600e 3750n	669597	5563750	93.8	5900	2	0.8	359	379	2.6	199	<1	73.5	<0.1	48
9600e 3775n	669595	5563775	105	6500	3	1.8	124	226	4.2	197	<1	28.8	<0.1	43
9600e 3800n	669593	5563799	66.1	1200	5	1.1	69	88	3	88	<1	14.9	<0.1	46
9600e 3825n	669597	5563823	73.7	3800	6	0.8	174	146	2.2	33	<1	36.4	<0.1	49
9600e 3850n	669599	5563850	102	14800	8	1	226	262	3.4	60	<1	49.1	<0.1	53
9600e 3875n	669606	5563873	63.1	3000	7	1.2	198	186	4.4	109	<1	43	<0.1	44
9600e 3900n	669604	5563902	77.1	7500	8	0.7	78	133	1.9	64	<1	16	<0.1	33
9600e 3925n	669597	5563928	87.2	4100	5	0.6	145	101	1.6	189	<1	30.4	<0.1	37
9600e 3950n	669597	5563950	90.7	5400	6	1	138	184	3.6	334	<1	30.4	<0.1	57
9600e 3975n	669600	5563974	44.9	4200	4	1.7	141	107	4.8	103	<1	30.3	<0.1	81
9600e 4000n	669596	5564000	94.9	6900	6	1	96	227	4.1	82	<1	19.3	<0.1	34
9600e 4025n	669592	5564024	46	3200	17	1.2	63	99	3.4	47	<1	14.5	<0.1	31
9600e 4050n	669594	5564050	71.4	3500	17	1.3	88	136	7.3	41	<1	18.1	<0.1	27
9600e 4075n	669600	5564075	51.3	9300	16	1.9	90	178	5.7	74	<1	19	<0.1	31
9600e 4100n	669598	5564102	50.3	7800	18	1.2	152	263	5.2	34	<1	27.9	<0.1	70
9600e 4125n	669594	5564124	57.1	10700	30	1.8	153	258	4.3	108	<1	29.7	<0.1	72
9600e 4150n	669595	5564149	83.8	14900	33	0.7	119	395	0.9	7	<1	25.1	<0.1	75
9600e 4175n	669600	5564173	46	3700	14	0.8	30	245	4	22	<1	5.4	<0.1	79
9600e 4200n	669596	5564202	47.5	6400	23	1.5	61	170	8.5	24	<1	12.2	<0.1	56
9600e 4225n	669602	5564227	92.6	3500	10	1.4	18	127	7	26	<1	3.5	<0.1	42
9600e 4250n	669600	5564252	96.7	12800	6	1.4	39	165	5.8	92	<1	8.6	<0.1	42
9600e 4275n	669600	5564275	119	2700	7	1	146	178	3.1	47	<1	30.1	<0.1	89
9600e 4300n	669596	5564301	106	5100	4	0.8	217	235	1.9	46	<1	45.3	<0.1	31
9600e 4325n	669598	5564324	112	9500	2	1.3	294	304	1.3	46	<1	62.5	<0.1	67
9600e 4350n	669601	5564353	120	6200	7	0.7	34	153	5	36	<1	6.4	<0.1	40
9600e 4375n	669600	5564375	155	1900	3	0.7	178	244	2.9	50	<1	36.3	<0.1	19
9700e 3750n	669699	5563750	80.6	1800	4	1.3	209	167	3.6	64	<1	46.1	<0.1	33
9700e 3775n	669707	5563781	99.3	2100	7	0.9	119	132	4.7	30	<1	24.7	<0.1	15
9700e 3800n	669697	5563799	126	4400	6	1.5	247	195	4.9	38	<1	52.6	<0.1	45
9700e 3825n	669697	5563824	71.1	13500	9	1.2	108	210	4.6	46	<1	22	<0.1	48
9700e 3850n	669682	5563849	57.2	4300	11	0.5	94	220	4.2	29	<1	16.9	<0.1	57

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	ANALYTE >>		<u>Sb</u>	<u>Sc</u>	<u>Sm</u>	<u>Sn</u>	<u>Sr</u>	<u>Ta</u>	<u>Tb</u>	<u>Te</u>	<u>Th</u>	<u>Ti</u>	<u>Tl</u>	<u>U</u>
	DETECTION>>		0.5	5	1	1	10	1	0.1	10	0.5	10	0.1	0.5
	UNITS>>		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
9500e 4100n	669501	5564100	<0.5	56	27	<1	2060	<1	3.6	<10	13.4	120	<0.1	10.2
9500e 4125n	669496	5564125	<0.5	56	28	<1	2320	<1	4.3	<10	11.5	90	0.2	7.2
9500e 4150n	669500	5564147	<0.5	60	44	<1	1770	<1	6.9	<10	15.7	70	<0.1	18.2
9500e 4175n	669498	5564174	<0.5	51	42	<1	2710	<1	6.5	<10	18.1	80	0.1	23.3
9500e 4200n	669499	5564198	<0.5	46	21	<1	2100	<1	3.1	<10	18.9	80	<0.1	11.2
9500e 4225n	669502	5564225	<0.5	33	12	<1	2760	<1	1.8	<10	8.1	70	<0.1	9.2
9500e 4250n	669503	5564251	<0.5	84	17	<1	1980	<1	2.6	<10	24.3	350	<0.1	12.7
9500e 4275n	669502	5564274	<0.5	43	26	<1	1880	<1	4.2	<10	25.4	70	0.1	28.1
9500e 4300n	669502	5564302	<0.5	76	53	<1	1950	<1	8	<10	40.5	160	0.2	34.3
9500e 4325n	669501	5564324	<0.5	63	60	<1	1790	<1	8.7	<10	33.6	130	0.1	18.6
9500e 4350n	669499	5564349	<0.5	36	37	<1	2560	<1	5.4	<10	33.6	40	0.1	36.6
9500e 4375n	669499	5564374	<0.5	66	38	<1	1910	<1	5.6	<10	34.6	130	<0.1	18.6
9600e 3750n	669597	5563750	<0.5	60	92	<1	2520	<1	15.2	<10	24.7	70	<0.1	17.3
9600e 3775n	669595	5563775	<0.5	51	29	<1	1810	<1	4.5	<10	22	80	<0.1	9.2
9600e 3800n	669593	5563799	<0.5	32	16	<1	2310	<1	2.5	<10	13.4	50	<0.1	5.4
9600e 3825n	669597	5563823	<0.5	35	42	<1	2150	<1	6.6	<10	21.9	40	0.1	8.5
9600e 3850n	669599	5563850	<0.5	48	56	<1	1730	<1	7.8	<10	28.3	70	<0.1	19.5
9600e 3875n	669606	5563873	<0.5	42	48	<1	2120	<1	7	<10	23.2	80	<0.1	19.9
9600e 3900n	669604	5563902	<0.5	20	18	<1	2400	<1	2.5	<10	16.4	20	<0.1	11.3
9600e 3925n	669597	5563928	<0.5	29	34	<1	2280	<1	4.6	<10	16.6	20	<0.1	17.2
9600e 3950n	669597	5563950	<0.5	37	31	<1	1960	<1	4.9	<10	16.7	40	<0.1	14.8
9600e 3975n	669600	5563974	<0.5	57	35	<1	1770	<1	5.7	<10	14.7	120	<0.1	13.5
9600e 4000n	669596	5564000	<0.5	34	27	<1	2620	<1	4.8	<10	9.5	60	<0.1	10
9600e 4025n	669592	5564024	<0.5	22	15	<1	2770	<1	2.1	<10	10.5	40	<0.1	9.6
9600e 4050n	669594	5564050	<0.5	30	22	<1	2260	<1	3.6	<10	8.6	70	<0.1	28.7
9600e 4075n	669600	5564075	<0.5	59	25	<1	1830	<1	4.4	<10	16.6	120	0.1	40.5
9600e 4100n	669598	5564102	<0.5	29	43	<1	2230	<1	6.6	<10	13.6	60	0.2	55.6
9600e 4125n	669594	5564124	<0.5	99	44	<1	2220	<1	7.7	<10	18.9	150	0.1	43.7
9600e 4150n	669595	5564149	<0.5	37	29	<1	4130	<1	4.2	<10	21.5	10	0.2	234
9600e 4175n	669600	5564173	<0.5	22	9	<1	2900	<1	1.6	<10	5.5	40	0.2	17.6
9600e 4200n	669596	5564202	<0.5	66	16	<1	1860	<1	2.2	<10	11.7	160	0.1	6.5
9600e 4225n	669602	5564227	<0.5	30	5	<1	3250	<1	0.8	<10	4.3	60	<0.1	11
9600e 4250n	669600	5564252	<0.5	104	10	<1	2550	<1	2	<10	9.4	150	0.2	12.3
9600e 4275n	669600	5564275	<0.5	38	36	<1	3480	<1	5.5	<10	26.4	70	0.2	15.1
9600e 4300n	669596	5564301	<0.5	25	51	<1	3660	<1	7	<10	28.9	30	<0.1	28.1
9600e 4325n	669598	5564324	<0.5	47	61	<1	3580	<1	9.2	<10	46.4	70	<0.1	23.9
9600e 4350n	669601	5564353	<0.5	20	9	<1	2620	<1	1.4	<10	6.7	50	0.1	13.7
9600e 4375n	669600	5564375	<0.5	27	43	<1	2830	<1	6.2	<10	31.7	80	<0.1	11.9
9700e 3750n	669699	5563750	<0.5	52	47	<1	2720	<1	6.9	<10	22.4	100	<0.1	15.2
9700e 3775n	669707	5563781	<0.5	24	27	<1	2170	<1	3.8	<10	12.8	60	<0.1	11.9
9700e 3800n	669697	5563799	<0.5	60	53	<1	1750	<1	7.5	<10	33	150	<0.1	17.4
9700e 3825n	669697	5563824	<0.5	39	27	<1	2480	<1	4.7	<10	11.9	60	<0.1	17.4
9700e 3850n	669682	5563849	<0.5	23	27	<1	2260	<1	4.6	<10	12.5	40	<0.1	18.9

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>W</u>	<u>Y</u>	<u>Yb</u>	<u>Zn</u>	<u>Zr</u>
	DETECTION>>		0.5	1	0.2	10	2
	UNITS>>		ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing					
9500e 4100n	669501	5564100	<0.5	105	8.2	390	121
9500e 4125n	669496	5564125	<0.5	139	11.9	1300	93
9500e 4150n	669500	5564147	<0.5	201	18.2	2050	127
9500e 4175n	669498	5564174	<0.5	204	15.9	440	129
9500e 4200n	669499	5564198	<0.5	83	6.2	300	86
9500e 4225n	669502	5564225	<0.5	52	3.5	690	40
9500e 4250n	669503	5564251	<0.5	75	5.7	360	201
9500e 4275n	669502	5564274	<0.5	108	8.1	340	78
9500e 4300n	669502	5564302	0.5	240	19.9	390	226
9500e 4325n	669501	5564324	0.5	255	22.2	110	177
9500e 4350n	669499	5564349	0.6	162	13.5	70	83
9500e 4375n	669499	5564374	<0.5	158	13.9	290	128
9600e 3750n	669597	5563750	<0.5	451	37	870	98
9600e 3775n	669595	5563775	<0.5	124	10.3	1130	93
9600e 3800n	669593	5563799	<0.5	69	5.2	260	67
9600e 3825n	669597	5563823	<0.5	185	14.8	250	82
9600e 3850n	669599	5563850	<0.5	226	18.7	830	87
9600e 3875n	669606	5563873	<0.5	198	16.4	930	110
9600e 3900n	669604	5563902	<0.5	76	5.3	700	48
9600e 3925n	669597	5563928	<0.5	137	9.4	630	72
9600e 3950n	669597	5563950	<0.5	143	11.1	1070	97
9600e 3975n	669600	5563974	<0.5	177	13.1	1320	153
9600e 4000n	669596	5564000	<0.5	173	13.9	1100	85
9600e 4025n	669592	5564024	<0.5	61	4.3	530	63
9600e 4050n	669594	5564050	<0.5	105	7.5	420	62
9600e 4075n	669600	5564075	<0.5	135	11.9	1080	129
9600e 4100n	669598	5564102	<0.5	212	16.6	330	84
9600e 4125n	669594	5564124	0.5	261	23.3	200	127
9600e 4150n	669595	5564149	<0.5	204	22.2	180	55
9600e 4175n	669600	5564173	<0.5	51	3.5	480	21
9600e 4200n	669596	5564202	<0.5	61	4.2	810	59
9600e 4225n	669602	5564227	<0.5	21	1.4	560	25
9600e 4250n	669600	5564252	<0.5	68	5.9	2100	60
9600e 4275n	669600	5564275	<0.5	138	11.2	130	78
9600e 4300n	669596	5564301	<0.5	218	16.3	90	83
9600e 4325n	669598	5564324	<0.5	279	20.9	480	141
9600e 4350n	669601	5564353	<0.5	40	2.8	900	24
9600e 4375n	669600	5564375	<0.5	157	12.4	150	67
9700e 3750n	669699	5563750	<0.5	187	13	340	130
9700e 3775n	669707	5563781	<0.5	101	6.7	270	60
9700e 3800n	669697	5563799	0.5	220	15.9	330	126
9700e 3825n	669697	5563824	0.5	149	10.9	2270	83
9700e 3850n	669682	5563849	<0.5	133	9.3	380	35

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>	<u>Cr</u>	<u>Cs</u>
	DETECTION>>		0.5	1	10	0.1	10	0.5	2	1	2	1	100	0.2
	UNITS>>		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
9700e 3875n	669697	5563873	31.4	18	<10	0.1	3960	<0.5	722	22	83	77	<100	0.3
69700E 3900N	669697	5563900	28.6	15	10	0.7	2390	<0.5	833	12	25	99	<100	<0.2
69700E 3925N	669696	5563924	34.5	58	<10	<0.1	2270	<0.5	607	20	175	79	<100	<0.2
69700E 3950N	669697	5563950	29.8	29	<10	0.1	3300	<0.5	714	18	105	101	<100	<0.2
69700E 3975N	669694	5563976	24.9	39	<10	0.3	2150	<0.5	525	17	78	33	<100	<0.2
69700E 4000N	669691	5563998	92.3	8	10	0.3	490	<0.5	795	14	<2	15	<100	0.6
69700E 4025N	669699	5564025	151	31	<10	0.2	7330	<0.5	830	9	124	73	<100	0.8
69700E 4050N	669703	5564049	147	7	<10	1.3	2030	<0.5	1027	18	16	58	<100	0.4
69700E 4075N	669703	5564077	55.1	17	<10	1.5	2260	<0.5	790	28	20	138	<100	<0.2
69700E 4100N	669695	5564099	54.7	10	20	1.2	1380	<0.5	794	24	9	52	<100	<0.2
69700E 4125N	669697	5564126	44.5	45	<10	0.2	4860	<0.5	561	21	304	260	<100	0.6
69700E 4150N	669704	5564151	19.8	12	<10	0.2	2200	<0.5	776	17	22	84	<100	1
69700E 4175N	669692	5564177	36.7	14	<10	1.2	1290	<0.5	704	9	14	109	<100	<0.2
69700E 4200N	669695	5564201	255	9	<10	1.6	1910	<0.5	709	10	46	206	<100	<0.2
69700E 4225N	669697	5564225	32.1	18	<10	0.3	5710	<0.5	567	15	122	193	<100	0.3
69700E 4250N	669696	5564248	71.8	29	<10	0.7	3950	<0.5	689	27	110	59	<100	0.6
69700E 4275N	669695	5564276	69.3	39	10	2	2360	<0.5	732	8	153	101	<100	0.5
69700E 4300N	669696	5564299	26.3	32	<10	1.3	3290	<0.5	1023	9	266	124	<100	<0.2
69700E 4325N	669698	5564327	46.9	19	<10	0.2	4200	<0.5	664	15	37	77	<100	<0.2
69700E 4350N	669700	5564348	11.8	52	<10	<0.1	1850	<0.5	455	17	49	23	<100	1.4
69700E 4375N	669695	5564374	6.7	69	<10	<0.1	2640	<0.5	326	9	377	56	<100	0.8
9800e 3750n	669804	5563753	21.8	72	<10	<0.1	3660	<0.5	465	9	450	154	<100	0.4
9800e 3775n	669800	5563777	17.6	77	<10	<0.1	3040	<0.5	527	9	103	16	<100	0.5
9800e 3800n	669797	5563802	21.3	41	<10	0.2	3980	<0.5	584	13	186	62	<100	0.5
9800e 3825n	669796	5563825	29.5	23	<10	0.2	4830	<0.5	757	29	61	53	<100	0.7
9800e 3850n	669800	5563851	19	17	<10	0.2	2720	<0.5	581	17	52	58	<100	<0.2
9800e 3875n	669803	5563875	53.5	13	<10	1.2	7940	<0.5	797	23	145	148	<100	0.5
69800E 3900N	669806	5563902	38.5	21	<10	0.2	4620	<0.5	679	32	54	60	<100	0.8
69800E 3925N	669803	5563927	15.5	56	<10	<0.1	2020	<0.5	721	29	123	81	<100	0.4
69800E 3950N	669799	5563949	165	21	<10	1.7	2410	<0.5	694	24	34	70	<100	0.2
69800E 3975N	669811	5563973	41	25	<10	0.2	8230	<0.5	508	10	170	113	<100	0.3
69800E 4000N	669801	5564002	48.9	13	<10	0.7	3060	<0.5	685	24	56	110	<100	0.3
69800E 4025N	669798	5564026	438	110	<10	5.4	2300	<0.5	329	21	35	11	<100	6.3
69800E 4050N	669800	5564050	39.5	47	<10	0.8	2820	<0.5	555	15	34	36	<100	2.3
69800E 4075N	669798	5564075	28.8	45	<10	<0.1	5770	<0.5	549	16	259	80	<100	0.4
69800E 4100N	669800	5564101	41.8	29	<10	0.3	1930	<0.5	789	43	86	100	<100	0.6
69800E 4125N	669805	5564126	109	11	<10	1.2	3010	<0.5	890	22	31	110	<100	0.2
69800E 4150N	669804	5564151	36.5	30	<10	1	2590	<0.5	928	29	95	119	<100	<0.2
69800E 4175N	669795	5564175	21.7	17	<10	0.2	3950	<0.5	570	22	88	99	<100	0.2
69800E 4200N	669794	5564201	13.8	60	<10	<0.1	1840	<0.5	485	19	132	25	<100	0.3
69800E 4225N	669797	5564227	14.7	57	<10	0.1	5180	<0.5	440	13	108	37	<100	1.1
69800E 4250N	669799	5564251	23.9	197	<10	<0.1	840	<0.5	276	31	33	78	<100	4.8
69800E 4275N	669796	5564273	6.2	74	10	0.7	3640	<0.5	571	25	581	333	<100	0.4

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>Cu</u>	<u>Dy</u>	<u>Er</u>	<u>Eu</u>	<u>Fe</u>	<u>Ga</u>	<u>Gd</u>	<u>Hg</u>	<u>In</u>	<u>K</u>	<u>La</u>	<u>Li</u>
	DETECTION>>		10	0.5	0.2	0.2	1	0.5	0.5	1	0.1	0.5	1	1
	UNITS>>		ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
Sample ID.	Easting	Northing												
9700e 3875n	669697	5563873	5210	20.5	9.8	6.4	19	1.1	27	<1	<0.1	67.7	37	3
69700E 3900N	669697	5563900	29300	9.3	5.5	2.6	23	<0.5	10.6	<1	<0.1	72.7	7	3
69700E 3925N	669696	5563924	15100	30.9	20.5	9.1	35	2	34.2	<1	<0.1	103	69	6
69700E 3950N	669697	5563950	6390	26.2	16.4	7.3	23	1.2	31.8	<1	<0.1	209	43	6
69700E 3975N	669694	5563976	7550	30.7	16.7	8.3	32	1.8	37.2	<1	<0.1	207	54	2
69700E 4000N	669691	5563998	38800	<0.5	0.4	<0.2	16	<0.5	<0.5	<1	<0.1	183	<1	12
69700E 4025N	669699	5564025	30100	51.3	30.8	15.1	28	1.5	64.6	<1	<0.1	22.5	67	<1
69700E 4050N	669703	5564049	63700	18	16.3	3.8	17	<0.5	14.5	<1	<0.1	51.6	10	<1
69700E 4075N	669703	5564077	51600	7.1	5.4	2.1	21	0.7	7.9	<1	<0.1	133	9	<1
69700E 4100N	669695	5564099	55100	5.4	4.3	1.4	16	<0.5	5.3	<1	<0.1	108	5	<1
69700E 4125N	669697	5564126	26800	26.4	15.3	8.3	30	2.1	31.4	<1	<0.1	46.8	102	4
69700E 4150N	669704	5564151	42300	11.4	7.6	3.9	16	0.6	15.1	<1	<0.1	76.9	20	1
69700E 4175N	669692	5564177	49600	14.2	9.2	4.2	18	0.5	18.3	<1	<0.1	97.5	12	<1
69700E 4200N	669695	5564201	51200	12.4	8.1	3.4	15	<0.5	13.3	<1	<0.1	56.6	19	3
69700E 4225N	669697	5564225	20000	33.6	16.5	11.4	13	1.3	47.1	<1	<0.1	57.3	73	4
69700E 4250N	669696	5564248	29100	27.3	19.1	8.5	17	1.7	33	<1	<0.1	46.9	54	1
69700E 4275N	669695	5564276	74000	97.7	88.8	21.4	25	2.2	82.5	<1	<0.1	49.1	129	13
69700E 4300N	669696	5564299	33600	128	111	34.7	21	2.5	150	<1	<0.1	58.9	168	10
69700E 4325N	669698	5564327	13500	14.5	7.5	4.5	18	1	19.7	<1	<0.1	59.6	25	<1
69700E 4350N	669700	5564348	1060	8.9	4.8	2.5	22	1.7	11	<1	<0.1	313	24	2
69700E 4375N	669695	5564374	640	23.3	12	7.2	44	3.4	29.3	<1	<0.1	41.9	103	9
9800e 3750n	669804	5563753	2560	44.1	22.3	12	45	5.2	52.8	<1	<0.1	124	158	8
9800e 3775n	669800	5563777	1340	22.5	12.2	6.8	32	3.1	30.8	<1	<0.1	107	54	1
9800e 3800n	669797	5563802	11700	54.3	29.2	14.7	19	2	63.2	<1	<0.1	90.1	78	5
9800e 3825n	669796	5563825	17200	11.7	5.7	4.1	19	1.5	15.8	<1	<0.1	128	27	<1
9800e 3850n	669800	5563851	21100	38.4	17.5	12.8	17	1.7	52.8	<1	<0.1	129	61	2
9800e 3875n	669803	5563875	31600	36.1	22.5	11.1	18	1.5	44.3	<1	<0.1	73.5	62	1
69800E 3900N	669806	5563902	37100	19.4	11.7	6.1	16	1.2	25.7	<1	<0.1	62	36	<1
69800E 3925N	669803	5563927	12200	20.3	11.9	6.5	31	1.8	26.3	<1	<0.1	105	61	<1
69800E 3950N	669799	5563949	55600	17.4	14.4	5.3	21	1.4	20.2	<1	<0.1	121	23	<1
69800E 3975N	669811	5563973	27000	32.7	17.8	11.8	19	1.8	46.8	<1	<0.1	73.9	120	4
69800E 4000N	669801	5564002	51900	12.5	9.6	3.3	15	1	11.9	<1	<0.1	74.3	21	2
69800E 4025N	669798	5564026	1E+05	14.5	11.1	3.8	41	4.1	13.9	<1	<0.1	83.7	24	<1
69800E 4050N	669800	5564050	84000	11.4	11.4	2.1	19	2.3	8.4	<1	<0.1	45.9	12	<1
69800E 4075N	669798	5564075	18000	45.7	27.9	14.3	23	2.6	59.6	<1	<0.1	49.2	130	2
69800E 4100N	669800	5564101	45700	14	10	5.1	26	1.7	19.7	<1	<0.1	42.7	43	1
69800E 4125N	669805	5564126	50000	16.8	10.9	5	16	0.9	21.8	<1	<0.1	35.6	27	3
69800E 4150N	669804	5564151	39800	37.7	32.4	10.4	20	1.3	40.2	<1	<0.1	289	53	8
69800E 4175N	669795	5564175	21800	22.6	11.7	8.3	21	1.6	32.1	<1	<0.1	77.1	53	<1
69800E 4200N	669794	5564201	17400	28.8	14.7	11.4	23	4	41.1	<1	<0.1	48.7	67	<1
69800E 4225N	669797	5564227	12200	34.3	19.6	9.6	25	4.6	40.8	<1	<0.1	60.1	81	<1
69800E 4250N	669799	5564251	28200	11.5	9	2.3	76	7.6	8.3	<1	<0.1	53.9	11	<1
69800E 4275N	669796	5564273	37100	113	81.3	35.6	30	4.4	142	2	0.1	169	320	19

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	ANALYTE >>		<u>Mg</u>	<u>Mn</u>	<u>Mo</u>	<u>Nb</u>	<u>Nd</u>	<u>Ni</u>	<u>P</u>	<u>Pb</u>	<u>Pd</u>	<u>Pr</u>	<u>Pt</u>	<u>Rb</u>
	DETECTION>>		0.5	100	2	0.5	1	5	0.1	5	1	0.5	0.1	1
	UNITS>>		ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
9700e 3875n	669697	5563873	48.7	12200	24	0.9	86	282	1.2	26	<1	15.8	<0.1	64
69700E 3900N	669697	5563900	61.5	6900	39	1.3	25	251	1.9	10	<1	3.9	<0.1	19
69700E 3925N	669696	5563924	89.9	20600	26	1.2	131	573	0.8	46	<1	26.6	<0.1	138
69700E 3950N	669697	5563950	75.7	19700	57	1.4	97	490	1.4	58	<1	18.1	<0.1	58
69700E 3975N	669694	5563976	102	5100	23	1.1	113	270	4.3	24	<1	21.6	<0.1	54
69700E 4000N	669691	5563998	43.3	2400	64	<0.5	<1	163	2.2	6	<1	<0.5	<0.1	76
69700E 4025N	669699	5564025	60.1	6800	5	2	165	77	0.8	58	<1	29.1	<0.1	52
69700E 4050N	669703	5564049	48.9	5600	11	<0.5	35	162	0.8	<5	<1	5.8	<0.1	13
69700E 4075N	669703	5564077	64	12900	40	1.3	25	203	2.9	22	<1	4.2	<0.1	11
69700E 4100N	669695	5564099	46	7200	24	0.7	14	133	2.5	12	<1	2.3	<0.1	5
69700E 4125N	669697	5564126	60.7	22800	13	1.6	148	398	0.9	91	<1	34.5	<0.1	115
69700E 4150N	669704	5564151	85.7	12400	28	0.7	49	272	0.9	18	<1	9.5	<0.1	121
69700E 4175N	669692	5564177	81.3	5500	9	<0.5	38	193	5	14	<1	5.4	<0.1	6
69700E 4200N	669695	5564201	44.1	6900	12	0.5	45	213	0.9	10	<1	8.7	<0.1	7
69700E 4225N	669697	5564225	107	14400	6	<0.5	158	296	0.6	20	<1	28.5	<0.1	46
69700E 4250N	669696	5564248	119	20500	11	<0.5	131	575	0.2	<5	<1	25.7	<0.1	78
69700E 4275N	669695	5564276	169	15700	19	<0.5	313	481	0.2	<5	<1	63.7	<0.1	57
69700E 4300N	669696	5564299	242	13400	12	<0.5	508	907	0.3	<5	<1	90.2	<0.1	31
69700E 4325N	669698	5564327	67	6000	9	0.7	57	166	0.3	39	<1	10.6	<0.1	31
69700E 4350N	669700	5564348	69.9	7200	16	1.4	39	124	10.7	82	<1	8.4	<0.1	168
69700E 4375N	669695	5564374	45.4	9200	6	2	134	190	3.8	91	<1	31.5	<0.1	116
9800e 3750n	669804	5563753	80.3	9200	6	2.7	226	266	6.6	141	<1	51.1	<0.1	36
9800e 3775n	669800	5563777	37.3	3400	11	1.6	107	75	5.7	66	<1	22.1	<0.1	68
9800e 3800n	669797	5563802	140	6100	2	0.6	186	203	3.6	66	<1	34.4	<0.1	64
9800e 3825n	669796	5563825	63.9	14300	10	1.5	56	130	1.6	24	<1	11.2	<0.1	103
9800e 3850n	669800	5563851	96.4	8500	20	<0.5	175	150	1.6	9	<1	28.6	<0.1	42
9800e 3875n	669803	5563875	93.2	21000	11	1.2	143	242	0.4	20	<1	27	<0.1	66
69800E 3900N	669806	5563902	40.7	13200	9	1.2	84	122	0.7	10	<1	15	<0.1	60
69800E 3925N	669803	5563927	50	21900	20	2.1	102	197	1.3	69	<1	21.9	<0.1	68
69800E 3950N	669799	5563949	52.8	14400	24	1	65	228	3.7	7	<1	10.8	<0.1	19
69800E 3975N	669811	5563973	73.8	12300	15	1	213	128	0.5	38	<1	41.2	<0.1	60
69800E 4000N	669801	5564002	51.9	18600	9	1.2	47	261	0.6	8	<1	9.7	<0.1	42
69800E 4025N	669798	5564026	43	7900	6	0.9	59	39	1.7	<5	<1	12	<0.1	116
69800E 4050N	669800	5564050	37.9	15800	7	0.8	28	56	0.6	5	<1	5.5	<0.1	73
69800E 4075N	669798	5564075	87.5	14400	14	0.9	237	193	0.4	35	<1	46.7	<0.1	29
69800E 4100N	669800	5564101	34.8	16800	16	2	89	198	0.7	16	<1	18.2	<0.1	95
69800E 4125N	669805	5564126	26.5	10600	5	1	66	202	0.6	12	<1	11.6	<0.1	24
69800E 4150N	669804	5564151	125	17000	7	0.8	154	573	1.7	13	<1	29.2	<0.1	32
69800E 4175N	669795	5564175	64	13800	9	0.9	118	218	0.6	14	<1	22.8	<0.1	54
69800E 4200N	669794	5564201	26.7	4400	4	<0.5	143	77	0.8	15	<1	28.3	<0.1	57
69800E 4225N	669797	5564227	29.5	4300	3	<0.5	150	51	0.4	26	<1	31.2	<0.1	150
69800E 4250N	669799	5564251	28	6500	<2	0.8	24	61	1.7	30	<1	5.1	<0.1	204
69800E 4275N	669796	5564273	160	31300	6	0.7	593	529	1	59	<1	135	<0.1	110

MMI DATA
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	ANALYTE >>		<u>Sb</u>	<u>Sc</u>	<u>Sm</u>	<u>Sn</u>	<u>Sr</u>	<u>Ta</u>	<u>Tb</u>	<u>Te</u>	<u>Th</u>	<u>Ti</u>	<u>Tl</u>	<u>U</u>
	DETECTION>>		0.5	5	1	1	10	1	0.1	10	0.5	10	0.1	0.5
	UNITS>>		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
9700e 3875n	669697	5563873	<0.5	22	24	<1	2400	<1	3.8	<10	16.6	20	0.1	60.3
69700E 3900N	669697	5563900	3.3	14	7	<1	2670	<1	1.5	<10	2.9	20	<0.1	91
69700E 3925N	669696	5563924	1.8	56	30	<1	2140	<1	5.5	<10	17.8	50	0.1	127
69700E 3950N	669697	5563950	1.3	25	24	<1	2490	<1	4.9	<10	21.5	40	0.2	85
69700E 3975N	669694	5563976	1.2	31	29	<1	1790	<1	5.6	<10	11.4	70	<0.1	16.7
69700E 4000N	669691	5563998	1.3	13	<1	<1	2150	<1	<0.1	<10	<0.5	20	<0.1	9.2
69700E 4025N	669699	5564025	1	20	48	<1	4600	<1	9.3	<10	11.6	10	0.2	87.5
69700E 4050N	669703	5564049	1.2	22	10	<1	2960	<1	2.4	<10	10.3	<10	<0.1	68.8
69700E 4075N	669703	5564077	1	19	7	<1	2520	<1	1.2	<10	4.8	30	<0.1	67.5
69700E 4100N	669695	5564099	0.9	20	4	<1	2300	<1	0.9	<10	2.5	30	<0.1	64.7
69700E 4125N	669697	5564126	1	42	31	<1	2540	<1	4.8	<10	48	40	0.1	34.7
69700E 4150N	669704	5564151	0.8	24	12	<1	2550	<1	1.9	<10	7	20	0.1	112
69700E 4175N	669692	5564177	0.6	13	12	<1	2610	<1	2.4	<10	3.7	30	<0.1	99.9
69700E 4200N	669695	5564201	0.8	13	11	<1	3180	<1	2	<10	14.9	<10	<0.1	24.3
69700E 4225N	669697	5564225	<0.5	17	42	<1	3410	<1	6	<10	41.4	10	0.2	30.8
69700E 4250N	669696	5564248	0.7	22	30	<1	3690	<1	4.7	<10	15.7	10	0.4	167
69700E 4275N	669695	5564276	0.5	63	77	<1	3770	<1	13.9	<10	23.7	10	0.2	607
69700E 4300N	669696	5564299	0.5	29	132	<1	5530	<1	20.8	<10	33.6	10	0.1	875
69700E 4325N	669698	5564327	<0.5	11	16	<1	2660	<1	2.6	<10	18.3	20	<0.1	37.3
69700E 4350N	669700	5564348	<0.5	54	10	<1	1970	<1	1.7	<10	12.9	160	<0.1	9.3
69700E 4375N	669695	5564374	<0.5	49	29	<1	1630	<1	4.2	<10	45.8	140	0.2	10.8
9800e 3750n	669804	5563753	<0.5	75	53	<1	2250	<1	8.4	<10	43.5	350	0.1	25.6
9800e 3775n	669800	5563777	<0.5	34	27	<1	2310	<1	4.1	<10	10.3	90	0.1	18.1
9800e 3800n	669797	5563802	<0.5	24	53	<1	3020	<1	9.3	<10	21.5	50	0.1	26.9
9800e 3825n	669796	5563825	<0.5	14	15	<1	4150	<1	2.2	<10	10.8	10	0.3	66.9
9800e 3850n	669800	5563851	<0.5	14	48	<1	2260	<1	6.6	<10	25.2	20	0.2	82.6
9800e 3875n	669803	5563875	<0.5	20	40	<1	4000	<1	6.3	<10	29.5	10	0.2	192
69800E 3900N	669806	5563902	<0.5	13	22	<1	2440	<1	3.5	<10	16.6	20	0.3	43.5
69800E 3925N	669803	5563927	0.6	48	24	<1	2340	<1	3.6	<10	19.6	60	0.2	113
69800E 3950N	669799	5563949	0.6	22	16	<1	2780	<1	2.8	<10	10.9	30	0.1	70.4
69800E 3975N	669811	5563973	<0.5	16	46	<1	2660	<1	6.3	<10	42.5	20	0.3	39.1
69800E 4000N	669801	5564002	<0.5	20	10	<1	2510	<1	1.9	<10	21.3	20	<0.1	41.6
69800E 4025N	669798	5564026	<0.5	32	13	<1	1490	<1	2.4	<10	5.6	40	0.4	97.3
69800E 4050N	669800	5564050	<0.5	27	6	<1	2520	<1	1.6	<10	7	20	0.2	56.4
69800E 4075N	669798	5564075	<0.5	21	52	<1	2810	<1	8.6	<10	28.3	30	0.2	71.7
69800E 4100N	669800	5564101	<0.5	21	18	<1	2260	<1	2.6	<10	23.1	30	0.3	93.7
69800E 4125N	669805	5564126	<0.5	13	18	<1	2700	<1	2.8	<10	14.6	20	<0.1	25.5
69800E 4150N	669804	5564151	<0.5	36	38	<1	3490	<1	5.9	<10	28.8	30	0.1	223
69800E 4175N	669795	5564175	<0.5	15	30	<1	2420	<1	4	<10	27.2	30	0.1	77.8
69800E 4200N	669794	5564201	<0.5	10	37	<1	1450	<1	5.4	<10	11.9	30	0.2	46.4
69800E 4225N	669797	5564227	<0.5	20	36	<1	2010	<1	6	<10	13.4	20	0.3	40.8
69800E 4250N	669799	5564251	<0.5	43	6	<1	1140	<1	1.6	<10	10.8	140	0.2	21.2
69800E 4275N	669796	5564273	0.6	55	139	<1	3080	<1	19.2	<10	47.6	50	0.4	244

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>W</u>	<u>Y</u>	<u>Yb</u>	<u>Zn</u>	<u>Zr</u>
	DETECTION>>		0.5	1	0.2	10	2
	UNITS>>		ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing					
9700e 3875n	669697	5563873	<0.5	126	8.1	180	39
69700E 3900N	669697	5563900	<0.5	51	4.5	40	35
69700E 3925N	669696	5563924	<0.5	189	17.9	510	78
69700E 3950N	669697	5563950	<0.5	144	12.6	270	93
69700E 3975N	669694	5563976	<0.5	167	13.6	270	70
69700E 4000N	669691	5563998	<0.5	3	0.4	10	6
69700E 4025N	669699	5564025	<0.5	325	26.4	70	71
69700E 4050N	669703	5564049	<0.5	146	16.8	20	29
69700E 4075N	669703	5564077	0.6	46	5.2	70	41
69700E 4100N	669695	5564099	<0.5	42	4.6	70	31
69700E 4125N	669697	5564126	<0.5	145	13	190	160
69700E 4150N	669704	5564151	<0.5	88	7.2	60	22
69700E 4175N	669692	5564177	0.6	91	7.7	80	34
69700E 4200N	669695	5564201	0.8	78	7.3	<10	43
69700E 4225N	669697	5564225	0.5	173	12.6	60	44
69700E 4250N	669696	5564248	<0.5	163	18.4	250	115
69700E 4275N	669695	5564276	0.6	764	102	20	281
69700E 4300N	669696	5564299	1.1	957	119	40	202
69700E 4325N	669698	5564327	<0.5	83	5.7	50	36
69700E 4350N	669700	5564348	<0.5	44	3.6	110	51
69700E 4375N	669695	5564374	<0.5	108	9.9	570	119
9800e 3750n	669804	5563753	0.8	231	18.4	460	229
9800e 3775n	669800	5563777	<0.5	128	9.5	340	74
9800e 3800n	669797	5563802	<0.5	296	24.5	220	69
9800e 3825n	669796	5563825	<0.5	66	4.8	370	32
9800e 3850n	669800	5563851	0.7	200	13.9	50	82
9800e 3875n	669803	5563875	1.5	230	19.2	50	94
69800E 3900N	669806	5563902	<0.5	123	11.1	60	35
69800E 3925N	669803	5563927	<0.5	117	10.8	70	61
69800E 3950N	669799	5563949	2.1	131	14.4	90	57
69800E 3975N	669811	5563973	0.5	177	14.1	30	77
69800E 4000N	669801	5564002	<0.5	95	10.5	60	58
69800E 4025N	669798	5564026	<0.5	98	11.1	40	74
69800E 4050N	669800	5564050	<0.5	105	13.2	100	63
69800E 4075N	669798	5564075	<0.5	244	21.9	70	83
69800E 4100N	669800	5564101	<0.5	89	9	20	73
69800E 4125N	669805	5564126	<0.5	113	10	10	39
69800E 4150N	669804	5564151	<0.5	300	36.2	50	103
69800E 4175N	669795	5564175	<0.5	122	10	140	77
69800E 4200N	669794	5564201	<0.5	165	11.7	140	81
69800E 4225N	669797	5564227	<0.5	186	14.3	90	104
69800E 4250N	669799	5564251	<0.5	73	8.9	220	95
69800E 4275N	669796	5564273	1.1	800	81	170	149

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs
	DETECTION>>		0.5	1	10	0.1	10	0.5	2	1	2	1	100	0.2
	UNITS>>		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
69800E 4300N	669803	5564301	12.6	47	<10	1.9	2340	<0.5	749	11	158	73	<100	4.7
69800E 4325N	669803	5564325	21.6	77	10	0.3	1710	<0.5	481	8	630	50	<100	0.3
69800E 4350N	669803	5564352	13.2	33	<10	0.1	3130	<0.5	386	5	1570	216	<100	0.4
69800E 4375N	669801	5564375	6.9	27	<10	<0.1	1480	<0.5	304	6	1490	50	<100	0.3
9900e 3750n	669899	5563748	9.2	24	<10	<0.1	3290	<0.5	408	11	132	41	<100	0.3
9900e 3775n	669890	5563776	16.3	15	<10	<0.1	3110	<0.5	472	8	167	45	<100	0.5
9900e 3800n	669892	5563800	73	18	<10	0.3	3030	<0.5	733	53	40	37	<100	0.7
9900e 3825n	669893	5563822	44.9	18	<10	0.3	5250	<0.5	735	24	47	55	<100	0.5
9900e 3850n	669892	5563848	49.9	15	<10	0.5	2520	<0.5	778	16	22	42	<100	1
9900e 3875n	669895	5563875	36.7	21	<10	0.3	880	<0.5	893	17	6	17	<100	0.5
69900E 3900N	669896	5563895	12.6	45	<10	0.1	2350	<0.5	571	23	175	92	<100	0.3
69900E 3925N	669896	5563926	19.1	42	<10	0.2	3000	<0.5	447	24	205	107	<100	0.3
69900E 3950N	669905	5563950	16.9	77	<10	<0.1	1540	<0.5	664	36	84	112	<100	0.8
69900E 3975N	669899	5563974	124	36	<10	0.3	5240	<0.5	616	25	169	100	<100	0.4
69900E 4000N	669898	5563999	51.6	72	<10	0.2	2520	<0.5	486	11	268	22	<100	1.9
69900E 4025N	669900	5564025	37.6	79	<10	0.3	2590	<0.5	478	10	276	34	<100	2
69900E 4050N	669903	5564051	36	41	<10	0.2	5080	<0.5	616	28	129	69	<100	0.3
69900E 4075N	669906	5564074	45.5	36	<10	0.7	3850	<0.5	751	25	148	49	<100	1
69900E 4100N	669908	5564096	37.3	134	<10	0.1	4050	<0.5	374	20	299	82	<100	3
69900E 4125N	669903	5564127	77.2	193	<10	0.7	1360	<0.5	92	13	148	22	<100	9.6
69900E 4150N	669897	5564150	64.5	16	<10	0.7	2140	<0.5	1042	57	58	91	<100	1.1
69900E 4175N	669900	5564174	18.1	72	<10	<0.1	4240	<0.5	597	31	96	86	<100	4.2
69900E 4200N	669896	5564201	7.7	120	<10	0.2	3870	<0.5	521	34	220	244	<100	2.1
69900E 4225N	669908	5564231	2.6	79	<10	0.2	1950	<0.5	624	18	904	191	<100	1.3
69900E 4250N	669891	5564248	18.9	69	<10	0.1	970	2	256	4	343	46	<100	1
69900E 4275N	669901	5564274	14.5	63	<10	0.4	3570	<0.5	657	28	1600	81	<100	0.8
69900E 4300N	669897	5564298	13.3	48	<10	3.8	2300	<0.5	810	8	1050	64	<100	0.5
69900E 4325N	669895	5564325	6.8	39	<10	0.6	1090	<0.5	464	9	1780	128	<100	0.3
69900E 4350N	669901	5564349	4.1	102	<10	0.3	2150	<0.5	602	13	1060	248	<100	<0.2
69900E 4375N	669895	5564375	7.5	30	<10	<0.1	2920	<0.5	471	6	136	32	<100	0.4
70000e 3750n	669999	5563751	5.7	9	<10	<0.1	3300	<0.5	490	11	84	95	<100	0.4
70000e 3775n	670001	5563776	7.5	19	<10	<0.1	2160	<0.5	443	8	99	59	<100	0.5
70000e 3800n	670003	5563802	23.6	12	<10	<0.1	1220	<0.5	825	15	8	27	<100	0.7
70000e 3825n	670001	5563825	15.7	23	<10	<0.1	1160	<0.5	818	21	39	51	<100	0.6
70000e 3850n	669999	5563852	26.6	22	<10	<0.1	2860	<0.5	764	17	93	74	<100	0.8
70000e 3875n	669997	5563873	8.8	22	<10	<0.1	4480	<0.5	566	22	69	59	<100	0.6
70000E 3900N	670001	5563903	15.5	46	<10	<0.1	3130	<0.5	536	18	124	23	<100	0.4
70000E 3925N	669997	5563925	12.9	36	<10	<0.1	2750	<0.5	500	10	82	19	<100	0.7
70000E 3950N	669995	5563949	8.2	24	<10	<0.1	3380	<0.5	498	26	128	42	<100	0.5
70000E 3975N	669999	5563975	2.8	298	<10	<0.1	1080	0.6	108	11	138	133	<100	3.9
70000E 4000N	669996	5564002	4.1	97	30	<0.1	1960	<0.5	1022	62	65	72	<100	2.5
70000E 4025N	669999	5564025	10.5	128	<10	<0.1	2570	<0.5	308	11	209	18	<100	5.2
70000E 4050N	669998	5564050	6.6	203	<10	<0.1	3030	<0.5	286	27	104	28	<100	9.2

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>Cu</u>	<u>Dy</u>	<u>Er</u>	<u>Eu</u>	<u>Fe</u>	<u>Ga</u>	<u>Gd</u>	<u>Hg</u>	<u>In</u>	<u>K</u>	<u>La</u>	<u>Li</u>
	DETECTION>>		10	0.5	0.2	0.2	1	0.5	0.5	1	0.1	0.5	1	1
	UNITS>>		ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
Sample ID.	Easting	Northing												
69800E 4300N	669803	5564301	88500	84	85.1	16.1	37	1.9	69.5	<1	<0.1	59.1	77	22
69800E 4325N	669803	5564325	83600	89.5	60.1	26.3	45	5.2	106	<1	<0.1	86.6	301	5
69800E 4350N	669803	5564352	7930	119	60.5	38.9	37	6.9	159	<1	<0.1	35.6	494	7
69800E 4375N	669801	5564375	3830	77.8	40.7	27.4	34	6.4	118	<1	<0.1	50.9	434	2
9900e 3750n	669899	5563748	2330	35.4	16.6	12.6	16	1.8	52.3	<1	<0.1	178	101	4
9900e 3775n	669890	5563776	2550	28.5	12.4	10.4	15	1.8	43.5	<1	<0.1	81.2	107	5
9900e 3800n	669892	5563800	28600	8.8	5	3.3	18	1.5	11.2	<1	<0.1	43.2	16	3
9900e 3825n	669893	5563822	31500	14	8.7	4.6	17	1.8	17.9	<1	<0.1	121	31	<1
9900e 3850n	669892	5563848	21100	8.7	3.7	3.8	17	1.3	13.8	<1	<0.1	22.6	16	1
9900e 3875n	669895	5563875	23700	3.5	1.9	1	18	0.9	4.3	<1	<0.1	43.9	5	<1
69900E 3900N	669896	5563895	9230	28	15.8	8.2	28	2.2	37.1	<1	<0.1	162	72	1
69900E 3925N	669896	5563926	13300	39.4	21	11.7	23	3	47.6	<1	<0.1	319	98	4
69900E 3950N	669905	5563950	21700	15.2	10.3	4.5	26	2.2	18.3	<1	<0.1	99.5	46	2
69900E 3975N	669899	5563974	20200	34.5	18.6	11.4	21	2.3	44.9	<1	<0.1	109	92	2
69900E 4000N	669898	5563999	28200	105	55.8	40.8	32	6.9	154	<1	<0.1	42	406	<1
69900E 4025N	669900	5564025	28800	114	64.4	42	36	6.9	162	<1	<0.1	39.5	435	<1
69900E 4050N	669903	5564051	17400	32.5	18.2	11	27	2.6	44.2	<1	<0.1	56.1	89	<1
69900E 4075N	669906	5564074	60500	33.7	25.3	8.5	26	3	33.4	<1	<0.1	50.3	87	<1
69900E 4100N	669908	5564096	16700	37.6	19.9	9.7	45	4.3	42.5	<1	<0.1	70.4	117	<1
69900E 4125N	669903	5564127	1E+05	30.3	18.2	7.7	81	8.8	28.4	<1	0.1	42.1	73	4
69900E 4150N	669897	5564150	74500	12	9.6	3.5	19	1.5	13.6	<1	<0.1	47.7	18	3
69900E 4175N	669900	5564174	36200	7.8	4	2.8	34	2.7	10	<1	<0.1	112	30	1
69900E 4200N	669896	5564201	37900	43.2	28.7	12.3	93	3.6	48.5	<1	<0.1	62.3	107	6
69900E 4225N	669908	5564231	24600	233	174	67.3	57	7.7	307	<1	<0.1	54.3	608	8
69900E 4250N	669891	5564248	27000	30.1	15.4	10.4	54	4.6	44	<1	<0.1	34.2	140	2
69900E 4275N	669901	5564274	25200	268	188	83.9	25	9.3	348	<1	<0.1	45.3	639	15
69900E 4300N	669897	5564298	28300	151	92.8	45.3	28	5.3	179	<1	<0.1	56	401	10
69900E 4325N	669895	5564325	17000	265	135	84.6	23	8.6	389	<1	<0.1	60.8	464	7
69900E 4350N	669901	5564349	14400	133	89.3	30.3	48	4.5	145	<1	<0.1	151	275	10
69900E 4375N	669895	5564375	480	19.4	8.6	7	31	2.3	28.5	<1	<0.1	72.4	78	4
70000e 3750n	669999	5563751	4120	20.7	10.4	7.5	11	1	32.4	<1	<0.1	144	59	2
70000e 3775n	670001	5563776	3620	23.9	11.6	7.6	15	1.1	33.9	<1	<0.1	120	58	5
70000e 3800n	670003	5563802	5250	2.7	1.5	0.7	14	1	3	<1	<0.1	49.9	2	<1
70000e 3825n	670001	5563825	3270	6.2	3.1	2.2	15	1.4	9.1	<1	<0.1	35.7	9	1
70000e 3850n	669999	5563852	8560	25.8	14.1	9.1	17	1.6	38.7	<1	<0.1	30.8	57	<1
70000e 3875n	669997	5563873	2500	13.8	7.1	4.6	15	1.7	19.2	<1	<0.1	174	33	1
70000E 3900N	670001	5563903	4330	38.1	20	11.6	30	3.5	52.6	<1	<0.1	43.8	73	1
70000E 3925N	669997	5563925	4440	30.6	15.3	10.3	25	2.6	41.9	<1	<0.1	38	67	<1
70000E 3950N	669995	5563949	8460	26.2	14.1	8.4	25	3	36	<1	<0.1	86.4	58	<1
70000E 3975N	669999	5563975	8830	19.4	13.3	3.6	118	25.6	15.5	<1	0.2	40.3	50	3
70000E 4000N	669996	5564002	8440	19.2	13.1	5.7	34	5.2	22.3	<1	<0.1	757	55	6
70000E 4025N	669999	5564025	2970	54	31.3	12.8	40	5.5	57.3	<1	<0.1	35.3	105	<1
70000E 4050N	669998	5564050	3570	29.4	20.3	5.7	60	15.8	25.4	<1	<0.1	40.2	47	4

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb
	DETECTION>>		0.5	100	2	0.5	1	5	0.1	5	1	0.5	0.1	1
	UNITS>>		ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
69800E 4300N	669803	5564301	167	27900	3	<0.5	225	158	0.5	<5	<1	41.8	<0.1	53
69800E 4325N	669803	5564325	78.3	8600	7	1.3	515	238	1.1	<5	<1	111	<0.1	26
69800E 4350N	669803	5564352	36.3	4200	2	1.4	754	331	3.3	143	<1	168	<0.1	50
69800E 4375N	669801	5564375	47.2	4900	5	1.9	677	172	3.3	40	<1	152	<0.1	29
9900e 3750n	669899	5563748	78.5	11700	10	0.8	214	340	5.1	31	<1	39.2	<0.1	61
9900e 3775n	669890	5563776	55.8	7000	3	0.6	196	225	1.6	36	<1	39	<0.1	63
9900e 3800n	669892	5563800	42.8	20300	7	0.9	39	247	0.8	5	<1	6.7	<0.1	63
9900e 3825n	669893	5563822	44.5	24900	13	1.2	70	116	1	6	<1	13.3	<0.1	94
9900e 3850n	669892	5563848	30	6100	9	<0.5	50	127	0.8	<5	<1	8.2	<0.1	113
9900e 3875n	669895	5563875	31.6	3800	23	1.2	13	83	1.7	12	<1	2.2	<0.1	85
69900E 3900N	669896	5563895	63	13000	31	2.3	133	215	2.3	100	<1	26.5	<0.1	128
69900E 3925N	669896	5563926	102	21100	20	1.2	187	455	3	62	<1	40.5	<0.1	111
69900E 3950N	669905	5563950	44.9	26700	13	1.2	75	221	1.5	56	<1	16.9	<0.1	92
69900E 3975N	669899	5563974	58.9	15400	9	1.8	180	292	1.5	41	<1	38.3	<0.1	87
69900E 4000N	669898	5563999	25	1800	3	0.9	692	39	1.3	24	<1	142	<0.1	70
69900E 4025N	669900	5564025	24.4	2800	4	1.2	701	47	1.5	33	<1	154	<0.1	74
69900E 4050N	669903	5564051	66.2	15900	10	1.1	168	169	0.6	25	<1	36.8	<0.1	72
69900E 4075N	669906	5564074	28	23000	28	1.7	159	130	0.5	<5	<1	34.9	<0.1	95
69900E 4100N	669908	5564096	33.2	7300	5	2.1	170	75	2.3	166	<1	38.4	<0.1	194
69900E 4125N	669903	5564127	6.3	5300	2	2.7	111	25	3.6	14	<1	27	<0.1	182
69900E 4150N	669897	5564150	20.5	15700	7	1.9	43	180	0.8	13	<1	8.5	<0.1	98
69900E 4175N	669900	5564174	49.4	21600	9	1.5	43	148	2.5	59	<1	10.2	<0.1	210
69900E 4200N	669896	5564201	82.2	45900	6	3.2	184	174	1.3	57	<1	40.5	<0.1	142
69900E 4225N	669908	5564231	145	32300	11	0.7	1380	553	0.8	40	<1	281	<0.1	104
69900E 4250N	669891	5564248	35.7	800	5	2.1	208	54	5.2	83	<1	45	<0.1	60
69900E 4275N	669901	5564274	134	28200	4	<0.5	1460	966	0.3	24	<1	306	<0.1	67
69900E 4300N	669897	5564298	202	14800	6	<0.5	775	887	0.4	5	<1	185	<0.1	43
69900E 4325N	669895	5564325	91.6	14100	7	<0.5	1250	471	0.6	34	<1	256	<0.1	44
69900E 4350N	669901	5564349	136	16500	9	0.6	495	613	0.8	257	<1	110	<0.1	28
69900E 4375N	669895	5564375	60	1800	9	1.4	106	183	3	120	<1	24.7	<0.1	52
70000e 3750n	669999	5563751	34.3	15600	8	0.9	126	274	1.6	25	<1	23.1	<0.1	58
70000e 3775n	670001	5563776	46	10000	8	0.9	125	270	4.7	29	<1	24.1	<0.1	76
70000e 3800n	670003	5563802	19	7700	7	1.3	7	142	1.7	9	<1	1	<0.1	108
70000e 3825n	670001	5563825	19.2	10900	8	0.7	27	116	1	18	<1	4.9	<0.1	68
70000e 3850n	669999	5563852	32.8	15100	9	0.7	137	115	0.4	12	<1	24.6	<0.1	113
70000e 3875n	669997	5563873	62.5	18800	8	1.4	72	250	3	63	<1	13.7	<0.1	105
70000E 3900N	670001	5563903	32.2	4500	7	0.6	166	97	1.5	21	<1	31.4	<0.1	70
70000E 3925N	669997	5563925	28	4100	5	<0.5	143	98	1.1	16	<1	28.2	<0.1	72
70000E 3950N	669995	5563949	51	12000	13	<0.5	117	94	0.8	15	<1	23	<0.1	256
70000E 3975N	669999	5563975	10.1	7700	5	4.2	65	73	4.8	249	<1	14.7	<0.1	113
70000E 4000N	669996	5564002	136	47100	21	4.4	94	178	6.6	48	<1	19.1	<0.1	539
70000E 4025N	669999	5564025	11.8	4700	3	1	183	48	2	109	<1	39.9	<0.1	260
70000E 4050N	669998	5564050	11.5	9200	4	2.7	77	61	3.9	183	<1	16.4	<0.1	272

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>Sb</u>	<u>Sc</u>	<u>Sm</u>	<u>Sn</u>	<u>Sr</u>	<u>Ta</u>	<u>Tb</u>	<u>Te</u>	<u>Th</u>	<u>Ti</u>	<u>Tl</u>	<u>U</u>
	DETECTION>>		0.5	5	1	1	10	1	0.1	10	0.5	10	0.1	0.5
	UNITS>>		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
69800E 4300N	669803	5564301	<0.5	126	61	<1	4060	<1	12.5	<10	37.7	30	0.3	915
69800E 4325N	669803	5564325	<0.5	84	109	<1	2410	<1	15.6	<10	35.7	50	0.2	529
69800E 4350N	669803	5564352	<0.5	48	162	<1	2840	<1	22.7	<10	134	90	0.1	150
69800E 4375N	669801	5564375	<0.5	32	138	<1	1790	<1	16.4	<10	97.5	130	<0.1	124
9900e 3750n	669899	5563748	<0.5	20	51	<1	1860	<1	6.7	<10	34.5	50	0.1	32.4
9900e 3775n	669890	5563776	<0.5	23	47	<1	2310	<1	5.4	<10	65	60	0.1	31.4
9900e 3800n	669892	5563800	<0.5	17	10	<1	2640	<1	1.6	<10	10.8	20	0.2	19.8
9900e 3825n	669893	5563822	<0.5	21	17	<1	2670	<1	2.3	<10	13.6	20	0.4	67.2
9900e 3850n	669892	5563848	<0.5	9	14	<1	2820	<1	1.6	<10	8.5	20	0.4	154
9900e 3875n	669895	5563875	<0.5	9	3	<1	2580	<1	0.6	<10	2.8	20	0.2	19
69900E 3900N	669896	5563895	<0.5	37	34	<1	1980	<1	5.1	<10	26.9	70	0.1	76.3
69900E 3925N	669896	5563926	<0.5	30	45	<1	1490	<1	6.6	<10	44.8	80	0.2	53.3
69900E 3950N	669905	5563950	<0.5	80	17	<1	1880	<1	2.5	<10	17.9	80	0.1	123
69900E 3975N	669899	5563974	<0.5	17	43	<1	3140	<1	6.2	<10	38.3	30	0.4	73.5
69900E 4000N	669898	5563999	<0.5	28	158	<1	2270	<1	19.2	<10	11.3	30	0.2	123
69900E 4025N	669900	5564025	<0.5	34	157	<1	2270	<1	20.8	<10	15.8	50	0.2	142
69900E 4050N	669903	5564051	<0.5	15	41	<1	2540	<1	5.8	<10	25.6	30	0.2	58.8
69900E 4075N	669906	5564074	<0.5	59	35	<1	2320	<1	5.3	<10	29.9	20	0.4	195
69900E 4100N	669908	5564096	<0.5	42	40	<1	2070	<1	6.3	<10	24.9	130	0.3	52.2
69900E 4125N	669903	5564127	1	73	29	<1	480	<1	4.4	<10	29	470	0.3	81.8
69900E 4150N	669897	5564150	0.8	32	11	<1	2600	<1	1.8	<10	17.1	20	0.2	24.2
69900E 4175N	669900	5564174	0.7	63	10	<1	1940	<1	1.3	<10	12.1	60	0.3	15.3
69900E 4200N	669896	5564201	0.8	101	46	<1	2270	<1	6.8	<10	38.2	150	0.4	181
69900E 4225N	669908	5564231	0.9	137	340	<1	3020	<1	41.9	<10	57.1	40	0.4	558
69900E 4250N	669891	5564248	0.8	44	47	<1	1100	<1	5.4	<10	55.1	290	<0.1	46.9
69900E 4275N	669901	5564274	0.8	79	372	<1	3790	<1	46.9	<10	47.9	10	0.3	516
69900E 4300N	669897	5564298	0.9	69	202	<1	4430	<1	24	<10	40.7	<10	0.1	943
69900E 4325N	669895	5564325	0.8	55	399	<1	2300	<1	45.7	<10	167	30	0.1	610
69900E 4350N	669901	5564349	0.9	115	146	<1	3890	<1	20.6	<10	85.9	30	<0.1	359
69900E 4375N	669895	5564375	0.9	47	27	<1	2740	<1	3.5	<10	34.7	100	<0.1	17.6
70000e 3750n	669999	5563751	<0.5	19	32	<1	2240	<1	4.1	<10	29.3	20	0.4	45.3
70000e 3775n	670001	5563776	<0.5	17	30	<1	2140	<1	4.1	<10	29	30	0.2	15.4
70000e 3800n	670003	5563802	<0.5	14	2	<1	1990	<1	0.4	<10	3	20	0.3	9.4
70000e 3825n	670001	5563825	<0.5	13	9	<1	2240	<1	1.2	<10	5.5	20	0.4	66.1
70000e 3850n	669999	5563852	<0.5	16	36	<1	2830	<1	5	<10	21.6	<10	0.5	86
70000e 3875n	669997	5563873	<0.5	24	19	<1	2810	<1	2.6	<10	23.2	40	0.2	18.3
70000E 3900N	670001	5563903	0.9	33	51	<1	2000	<1	6.5	<10	18.8	60	0.2	48.3
70000E 3925N	669997	5563925	0.8	27	40	<1	1660	<1	5.3	<10	28.6	20	0.3	41.9
70000E 3950N	669995	5563949	1.1	36	32	<1	2140	<1	4.6	<10	26	20	0.3	41
70000E 3975N	669999	5563975	1.1	61	15	<1	500	<1	3	<10	35.4	690	0.3	21.4
70000E 4000N	669996	5564002	2.1	66	22	<1	3800	<1	3.1	<10	9.2	480	0.9	127
70000E 4025N	669999	5564025	0.9	57	51	<1	1030	<1	8.4	<10	22	120	0.4	40.1
70000E 4050N	669998	5564050	1	62	21	<1	1270	<1	4.2	<10	14.1	470	0.3	22.2

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>W</u>	<u>Y</u>	<u>Yb</u>	<u>Zn</u>	<u>Zr</u>
	DETECTION>>		0.5	1	0.2	10	2
	UNITS>>		ppb	ppb	ppb	ppb	ppb
<u>Sample ID.</u>	<u>Easting</u>	<u>Northing</u>					
69800E 4300N	669803	5564301	0.5	604	114	40	147
69800E 4325N	669803	5564325	<0.5	560	56.6	60	288
69800E 4350N	669803	5564352	0.5	569	45.6	360	216
69800E 4375N	669801	5564375	<0.5	372	32.5	80	147
9900e 3750n	669899	5563748	0.7	187	12.9	150	62
9900e 3775n	669890	5563776	<0.5	147	9.6	210	75
9900e 3800n	669892	5563800	<0.5	58	5.3	1080	25
9900e 3825n	669893	5563822	<0.5	86	9.6	90	49
9900e 3850n	669892	5563848	<0.5	42	3.4	40	48
9900e 3875n	669895	5563875	<0.5	22	1.5	20	19
69900E 3900N	669896	5563895	<0.5	153	12.7	110	87
69900E 3925N	669896	5563926	<0.5	190	16.7	200	132
69900E 3950N	669905	5563950	<0.5	111	10.3	80	65
69900E 3975N	669899	5563974	<0.5	172	14.9	300	96
69900E 4000N	669898	5563999	<0.5	604	44.9	60	62
69900E 4025N	669900	5564025	<0.5	664	51.5	60	93
69900E 4050N	669903	5564051	<0.5	183	14.9	320	100
69900E 4075N	669906	5564074	<0.5	253	26.5	<10	188
69900E 4100N	669908	5564096	<0.5	201	16.5	520	173
69900E 4125N	669903	5564127	0.7	181	17.7	60	291
69900E 4150N	669897	5564150	0.5	128	11.3	20	41
69900E 4175N	669900	5564174	<0.5	49	3.9	130	51
69900E 4200N	669896	5564201	0.6	306	29.5	450	257
69900E 4225N	669908	5564231	1.8	1500	196	40	269
69900E 4250N	669891	5564248	0.8	173	13.4	110	182
69900E 4275N	669901	5564274	1.7	1680	194	190	147
69900E 4300N	669897	5564298	0.9	842	97.8	100	207
69900E 4325N	669895	5564325	1	1340	128	370	167
69900E 4350N	669901	5564349	0.7	769	97.9	300	109
69900E 4375N	669895	5564375	<0.5	107	7	210	71
70000e 3750n	669999	5563751	0.9	114	8.1	40	48
70000e 3775n	670001	5563776	0.5	128	9.8	210	56
70000e 3800n	670003	5563802	<0.5	16	1.7	140	26
70000e 3825n	670001	5563825	<0.5	31	3	380	26
70000e 3850n	669999	5563852	<0.5	137	11.8	80	74
70000e 3875n	669997	5563873	0.7	70	5.7	1040	59
70000E 3900N	670001	5563903	<0.5	241	18.1	580	159
70000E 3925N	669997	5563925	<0.5	174	12.1	290	119
70000E 3950N	669995	5563949	<0.5	158	11.5	100	92
70000E 3975N	669999	5563975	0.6	109	12.5	310	308
70000E 4000N	669996	5564002	1.2	132	13.4	2880	138
70000E 4025N	669999	5564025	<0.5	316	27.7	610	203
70000E 4050N	669998	5564050	0.6	204	18.9	400	127

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>	<u>Cr</u>	<u>Cs</u>
	DETECTION>>		0.5	1	10	0.1	10	0.5	2	1	2	1	100	0.2
	UNITS>>		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
70000E 4075N	669994	5564076	12.5	37	<10	<0.1	4460	<0.5	392	13	481	27	<100	1.6
70000E 4100N	669990	5564103	10.3	196	<10	<0.1	1680	<0.5	244	14	188	24	<100	6.6
70000E 4125N	669989	5564123	30.7	25	<10	0.3	650	<0.5	762	31	32	42	<100	1.7
70000E 4150N	669993	5564148	34.2	52	<10	<0.1	3510	<0.5	655	19	53	14	<100	1.6
70000E 4175N	670003	5564178	9.3	80	<10	<0.1	3380	<0.5	511	11	454	25	<100	1.4
70000E 4200N	669990	5564200	9.9	34	<10	0.1	2050	<0.5	661	18	97	29	<100	0.3
70000E 4225N	669990	5564225	27.8	22	<10	0.2	2350	<0.5	591	14	66	38	<100	0.3
70000E 4250N	669990	5564251	2.8	112	<10	0.2	2170	<0.5	495	17	4890	271	<100	<0.2
70000E 4275N	669994	5564275	3.5	81	<10	<0.1	2730	<0.5	518	38	316	35	<100	0.5
70000E 4300N	669994	5564298	4.2	52	<10	<0.1	1660	<0.5	432	5	436	61	<100	0.3
70000E 4325N	669989	5564328	15.3	72	<10	1.7	730	<0.5	422	10	1750	242	<100	0.7
70000E 4350N	669990	5564350	0.7	84	<10	0.3	1000	0.9	128	<1	305	22	<100	1.3
70000E 4375N	669993	5564373	4.6	100	<10	<0.1	1610	<0.5	342	5	736	52	<100	1.2

MMI DATA
PEACOCK PROPERTY

ANALYTE >>			<u>Cu</u>	<u>Dy</u>	<u>Er</u>	<u>Eu</u>	<u>Fe</u>	<u>Ga</u>	<u>Gd</u>	<u>Hg</u>	<u>In</u>	<u>K</u>	<u>La</u>	<u>Li</u>
DETECTION>>			10	0.5	0.2	0.2	1	0.5	0.5	1	0.1	0.5	1	1
UNITS>>			ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
Sample ID.	Easting	Northing												
70000E 4075N	669994	5564076	4860	94.8	46.8	28.5	19	5.4	136	<1	<0.1	49.8	265	<1
70000E 4100N	669990	5564103	1260	36.4	22.5	7.6	66	13.6	34	<1	<0.1	75.7	70	3
70000E 4125N	669989	5564123	23400	26.6	16.1	9.2	19	2.6	37.5	<1	<0.1	40.1	36	2
70000E 4150N	669993	5564148	3730	25.6	14.7	8.6	21	3.9	35.3	<1	<0.1	60.6	36	<1
70000E 4175N	670003	5564178	2120	72.8	41	20.2	26	4.5	87.8	<1	<0.1	29	142	7
70000E 4200N	669990	5564200	1890	43.7	26.1	13	24	2.7	61.5	<1	<0.1	70.5	80	1
70000E 4225N	669990	5564225	6470	26.1	14.2	8.8	22	2.1	36.3	<1	<0.1	60.2	48	<1
70000E 4250N	669990	5564251	27600	243	136	73	65	19	343	<1	<0.1	102	1010	11
70000E 4275N	669994	5564275	1210	99.7	70	25.2	30	4	114	<1	<0.1	164	147	4
70000E 4300N	669994	5564298	1520	30.3	14.5	9.8	51	4.3	47.6	<1	<0.1	118	189	3
70000E 4325N	669989	5564328	75500	58.5	33	21.2	68	7.8	101	<1	<0.1	52.6	424	6
70000E 4350N	669990	5564350	1660	11.4	4.5	4	75	7.7	15.5	<1	<0.1	20.8	158	2
70000E 4375N	669993	5564373	9650	41.9	20.9	14.9	67	7.9	74.1	<1	<0.1	44.6	280	3

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>Mg</u>	<u>Mn</u>	<u>Mo</u>	<u>Nb</u>	<u>Nd</u>	<u>Ni</u>	<u>P</u>	<u>Pb</u>	<u>Pd</u>	<u>Pr</u>	<u>Pt</u>	<u>Rb</u>
	DETECTION>>		0.5	100	2	0.5	1	5	0.1	5	1	0.5	0.1	1
	UNITS>>		ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
70000E 4075N	669994	5564076	49.4	5000	4	<0.5	471	68	0.5	38	<1	93.5	<0.1	209
70000E 4100N	669990	5564103	12.8	6700	5	2.7	113	63	4.2	140	<1	24.2	<0.1	198
70000E 4125N	669989	5564123	38.8	8200	18	0.9	95	154	1.2	15	1	17.5	<0.1	106
70000E 4150N	669993	5564148	20.9	3300	2	<0.5	98	85	0.4	20	<1	17.3	<0.1	125
70000E 4175N	670003	5564178	57	10800	11	1.4	278	274	1.5	90	<1	59	<0.1	74
70000E 4200N	669990	5564200	59	16700	7	0.9	178	244	1.8	47	<1	32.2	<0.1	71
70000E 4225N	669990	5564225	61.9	7500	4	0.7	113	157	0.6	22	<1	21.4	<0.1	59
70000E 4250N	669990	5564251	105	36900	3	1	1760	620	1.3	100	<1	409	<0.1	12
70000E 4275N	669994	5564275	84.1	34100	7	1.3	330	427	1.4	135	<1	66.1	<0.1	98
70000E 4300N	669994	5564298	64.6	8300	8	2.2	233	192	5.1	181	<1	53.7	<0.1	59
70000E 4325N	669989	5564328	95.9	10800	11	1	654	172	2.1	56	<1	161	<0.1	48
70000E 4350N	669990	5564350	21.3	900	5	6.5	101	42	6.4	94	<1	28.6	<0.1	55
70000E 4375N	669993	5564373	39.4	3300	4	3.7	413	90	2.4	179	<1	94.7	<0.1	94

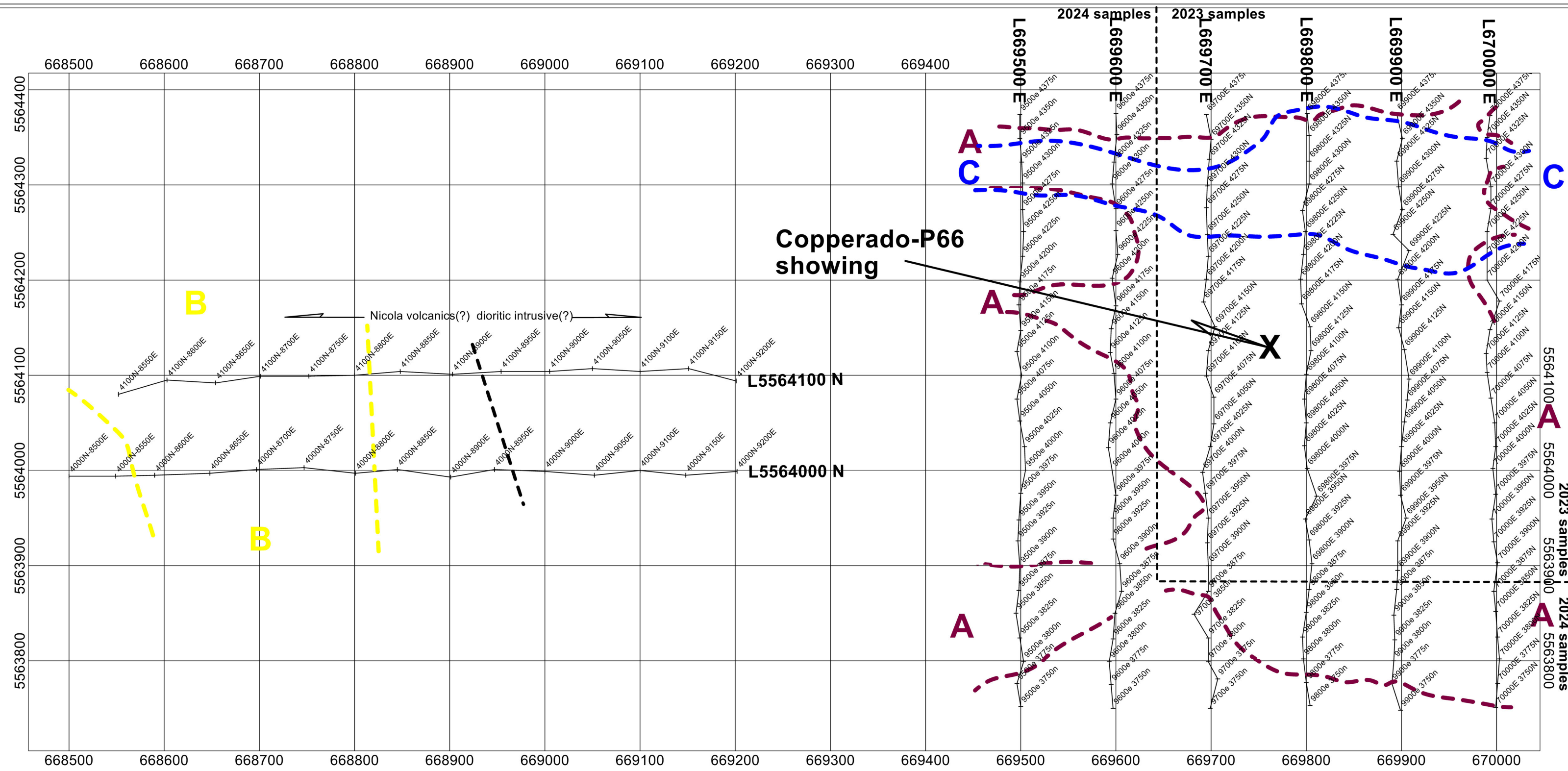
MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>Sb</u>	<u>Sc</u>	<u>Sm</u>	<u>Sn</u>	<u>Sr</u>	<u>Ta</u>	<u>Tb</u>	<u>Te</u>	<u>Th</u>	<u>Ti</u>	<u>Tl</u>	<u>U</u>
	DETECTION>>		0.5	5	1	1	10	1	0.1	10	0.5	10	0.1	0.5
	UNITS>>		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing												
70000E 4075N	669994	5564076	1.3	42	124	<1	2200	<1	16.6	<10	36.6	20	0.4	60.4
70000E 4100N	669990	5564103	1.1	62	29	<1	1180	<1	5.6	<10	20	410	0.4	27.9
70000E 4125N	669989	5564123	1.1	29	30	<1	1970	<1	4.6	<10	4.9	70	0.3	77.6
70000E 4150N	669993	5564148	1	19	30	<1	2330	<1	4.6	<10	7.4	30	0.2	57.6
70000E 4175N	670003	5564178	1.3	66	79	<1	2020	<1	11.8	<10	44.8	100	0.2	47.2
70000E 4200N	669990	5564200	1	31	51	<1	2160	<1	7.6	<10	23.7	40	0.1	74.9
70000E 4225N	669990	5564225	1.1	24	32	<1	2290	<1	4.4	<10	33.9	20	0.2	81.5
70000E 4250N	669990	5564251	1.2	246	420	<1	3410	<1	45.5	<10	170	120	0.1	435
70000E 4275N	669994	5564275	0.9	54	98	<1	2340	<1	15.6	<10	35.1	40	0.3	152
70000E 4300N	669994	5564298	1.1	40	52	<1	2360	<1	6	<10	50	240	<0.1	31.9
70000E 4325N	669989	5564328	1.1	66	138	<1	2490	<1	11.8	<10	60.8	100	0.2	134
70000E 4350N	669990	5564350	1.3	43	18	<1	890	<1	2	<10	88.9	1280	<0.1	16.8
70000E 4375N	669993	5564373	1.3	42	90	<1	1590	<1	8.6	<10	53	370	0.1	43.3

MMI DATA
PEACOCK PROPERTY

	ANALYTE >>		<u>W</u>	<u>Y</u>	<u>Yb</u>	<u>Zn</u>	<u>Zr</u>
	DETECTION>>		0.5	1	0.2	10	2
	UNITS>>		ppb	ppb	ppb	ppb	ppb
Sample ID.	Easting	Northing					
70000E 4075N	669994	5564076	<0.5	548	36.1	120	145
70000E 4100N	669990	5564103	<0.5	218	19.2	250	180
70000E 4125N	669989	5564123	0.5	209	13.6	50	34
70000E 4150N	669993	5564148	<0.5	151	11.9	280	73
70000E 4175N	670003	5564178	<0.5	379	34.8	220	142
70000E 4200N	669990	5564200	<0.5	272	22.1	960	67
70000E 4225N	669990	5564225	<0.5	158	12.8	430	89
70000E 4250N	669990	5564251	1.1	1250	133	260	258
70000E 4275N	669994	5564275	0.6	584	65.7	2870	127
70000E 4300N	669994	5564298	0.6	153	12.2	270	89
70000E 4325N	669989	5564328	<0.5	334	35.3	130	68
70000E 4350N	669990	5564350	0.8	55	3.7	40	289
70000E 4375N	669993	5564373	<0.5	224	19.1	80	102

16 APPENDIX II – MMI SURVEY COLOUR PLAN MAPS

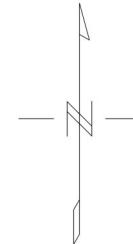
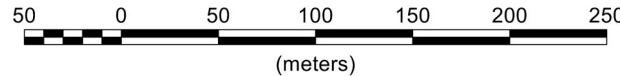


Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

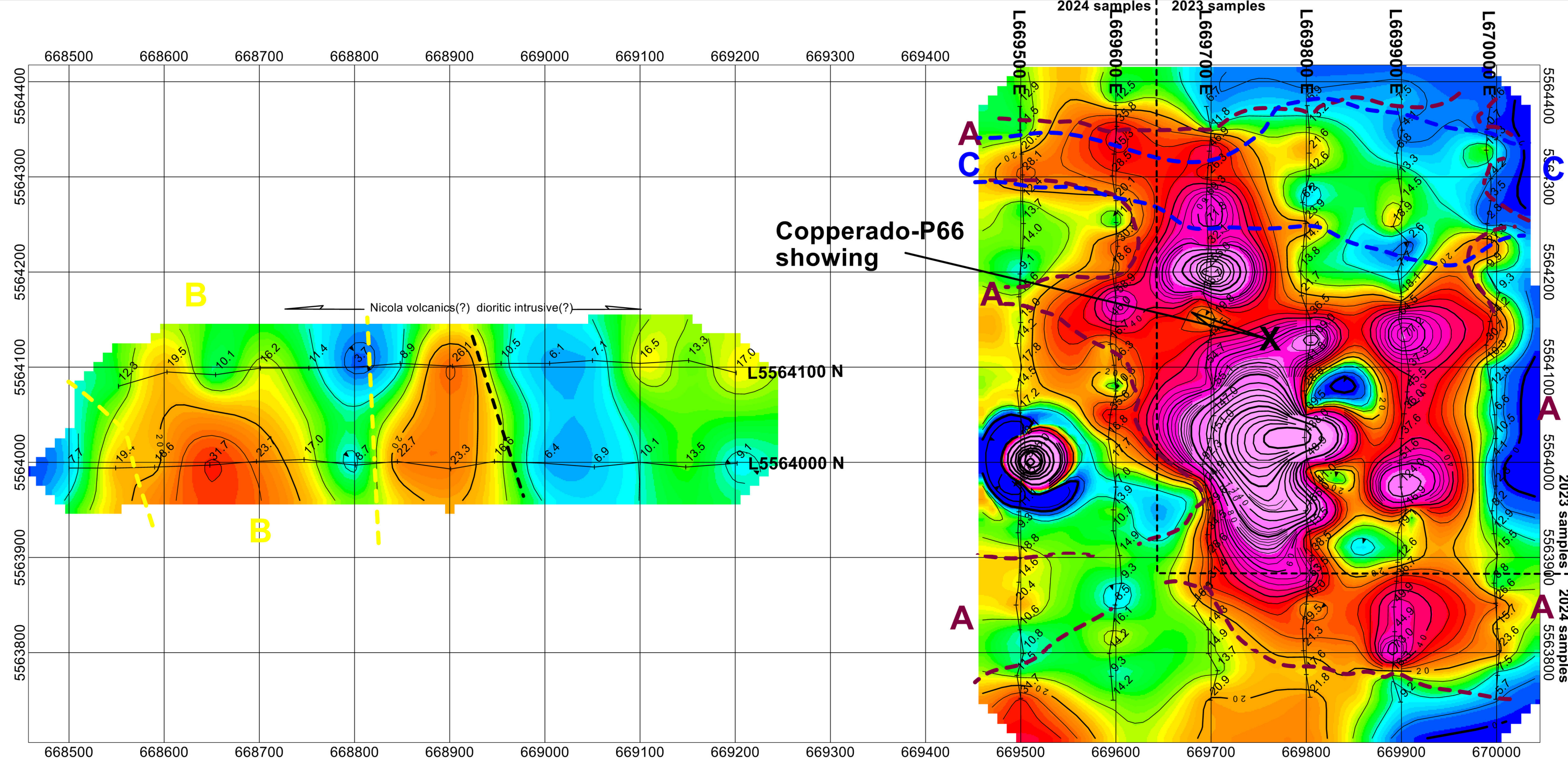
Laboratory soils tested by:
SGS Canada, Burnaby, BC

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: 24-08	NTS: 921/02	DATE: JULY '24	FIG NO: GC-0



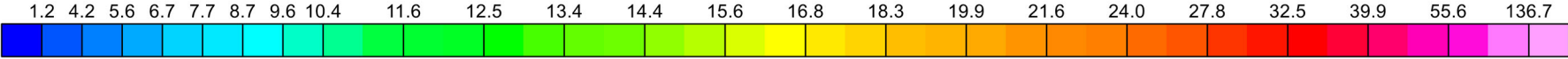
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

Laboratory soils tested by:
SGS Canada, Burnaby, BC

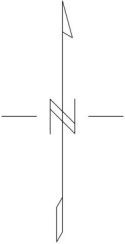
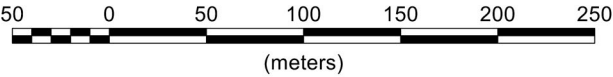
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

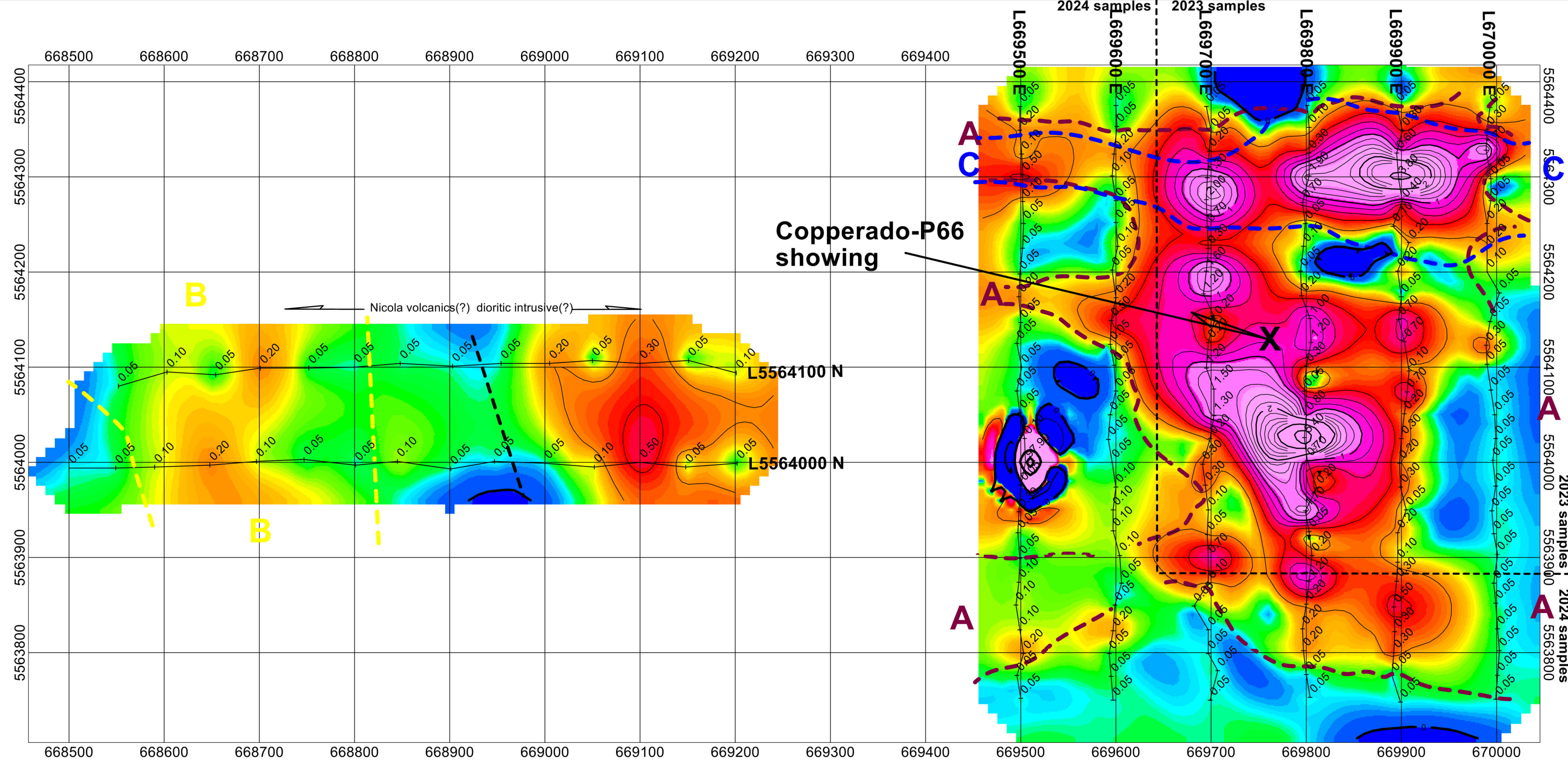
- C** anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- - - possible lithologic contact
as mapped by cerium and nickel



Silver (ppb)



LIONHEART EXPLORATION INC.			
PEACOCK PROPERTY			
Peacock Mountain, Merritt Area, Nicola MD, BC			
MMI SOIL SAMPLING SURVEY CONTOUR PLAN SILVER			
DRAWN BY: DGM	JOB NO: 24-08	NTS: 921/02	DATE: JULY '24
FIG NO: GC-01			



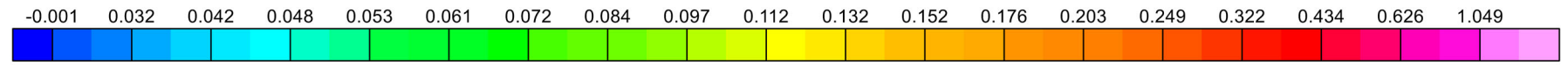
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024 for north-south lines (as shown)

Laboratory soils tested by:
SGS Canada, Burnaby, BC

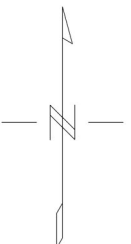
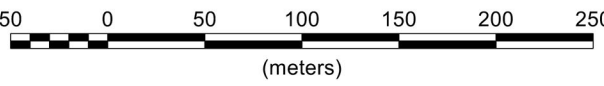
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

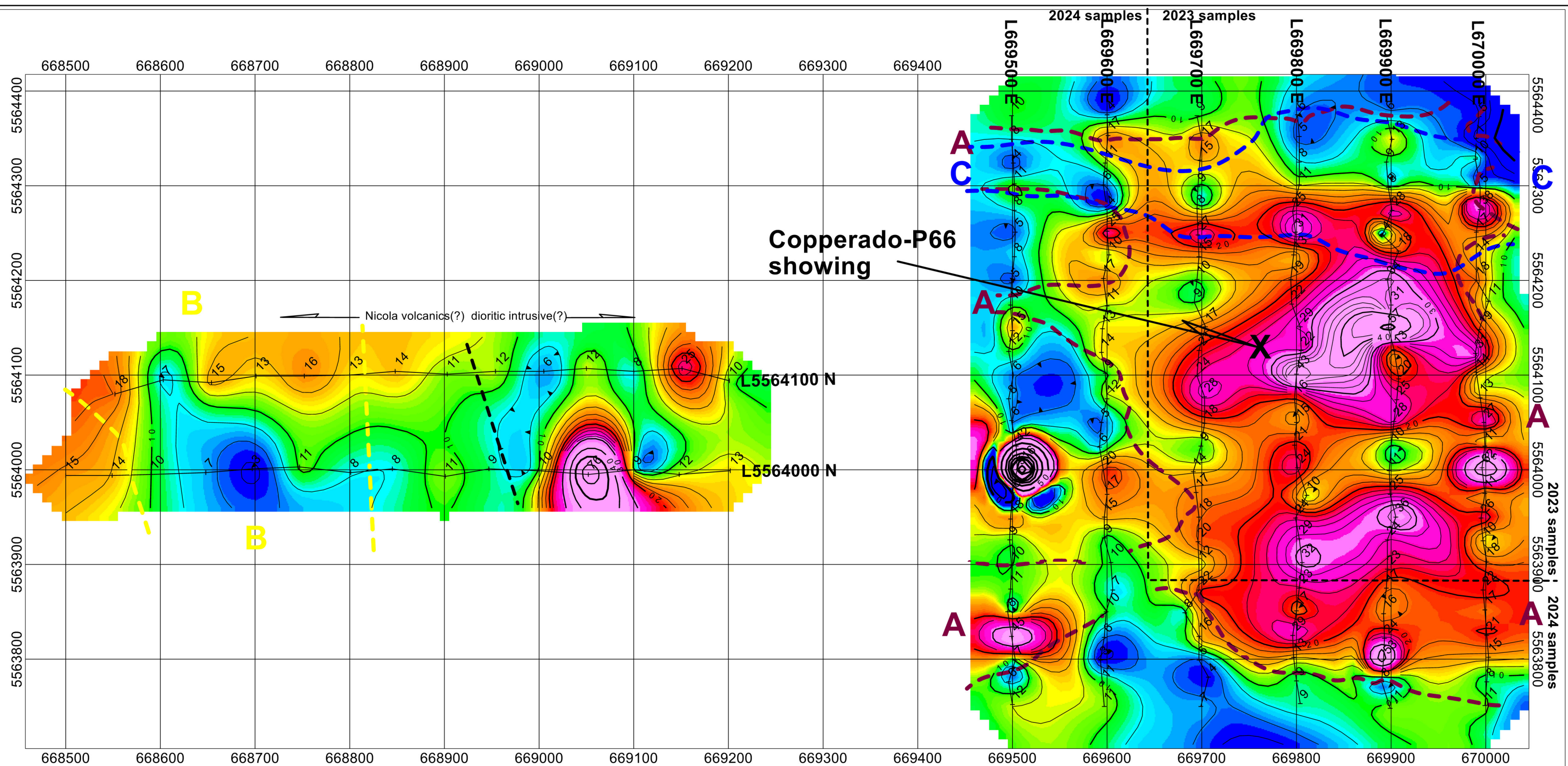
- C** anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



Gold (ppb)



LIONHEART EXPLORATION INC.			
PEACOCK PROPERTY			
Peacock Mountain, Merritt Area, Nicola MD, BC			
MMI SOIL SAMPLING SURVEY			
CONTOUR PLAN			
GOLD			
DRAWN BY:	JOB NO:	NTS:	DATE:
DGM	24-08	921/02	JULY '24
FIG NO:			
GC-02			



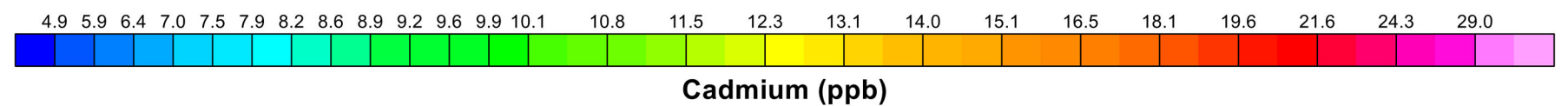
Date samples picked up:

- October 2022 for east-west lines
- October 2023 and June 2024 for north-south lines (as shown)

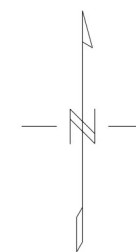
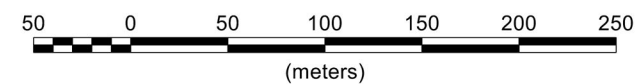
Laboratory soils tested by:
SGS Canada, Burnaby, BC

Coordinate system:
NAD 83, Zone 10

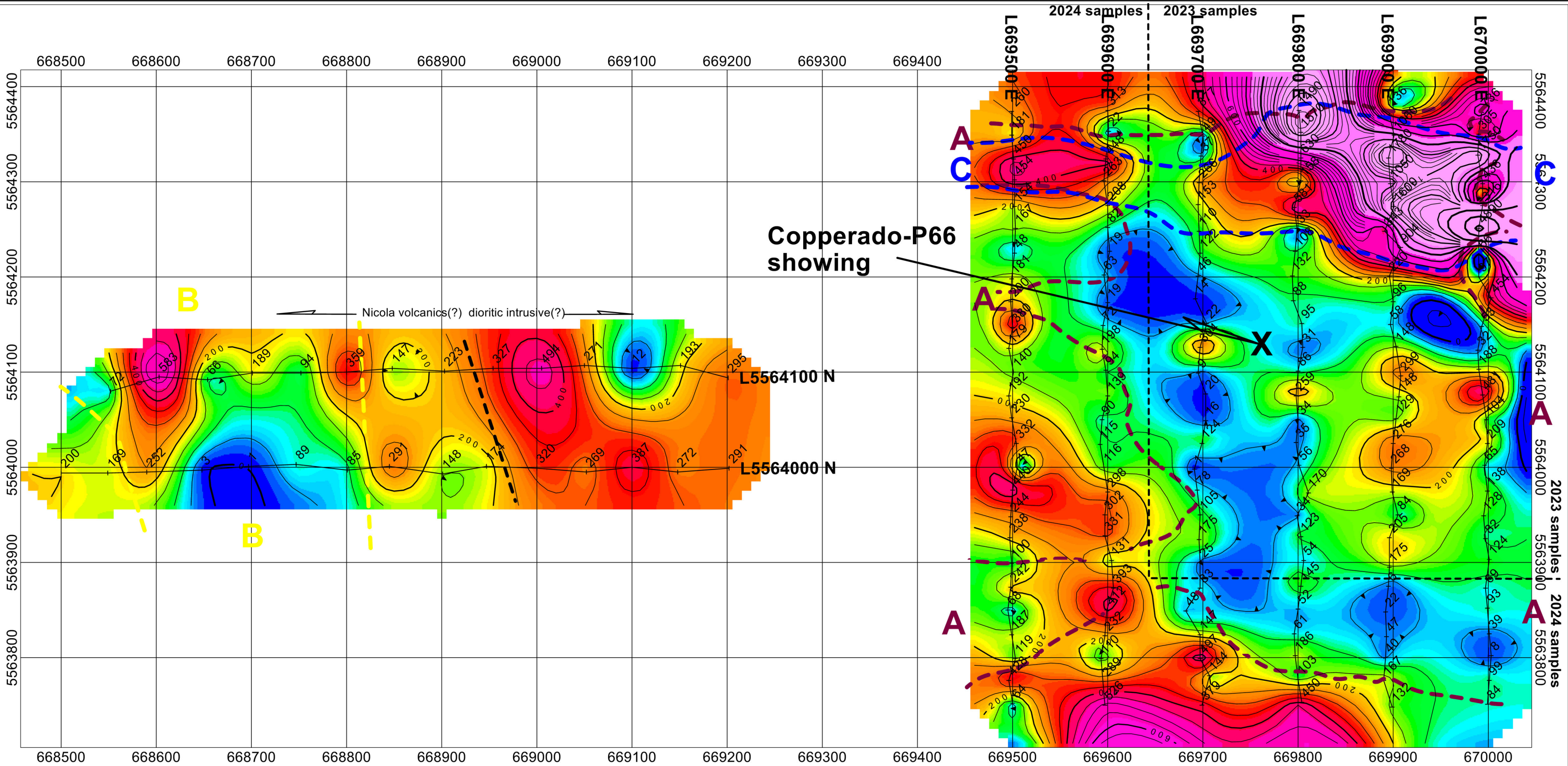
Units:
parts per billion (ppb)



-  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				
<i>MMI SOIL SAMPLING SURVEY</i>				
<i>CONTOUR PLAN</i>				
<i>CADMIUM</i>				
DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	24-08	92I/02	JULY '24	GC-03



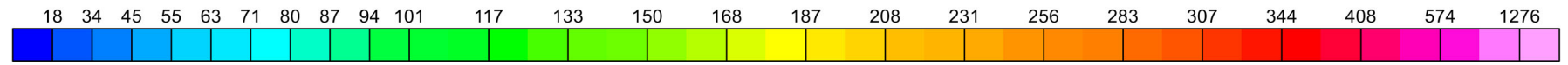
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

Laboratory soils tested by:
SGS Canada, Burnaby, BC

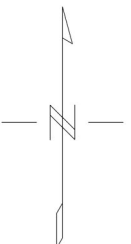
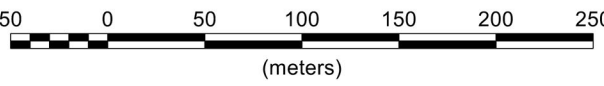
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

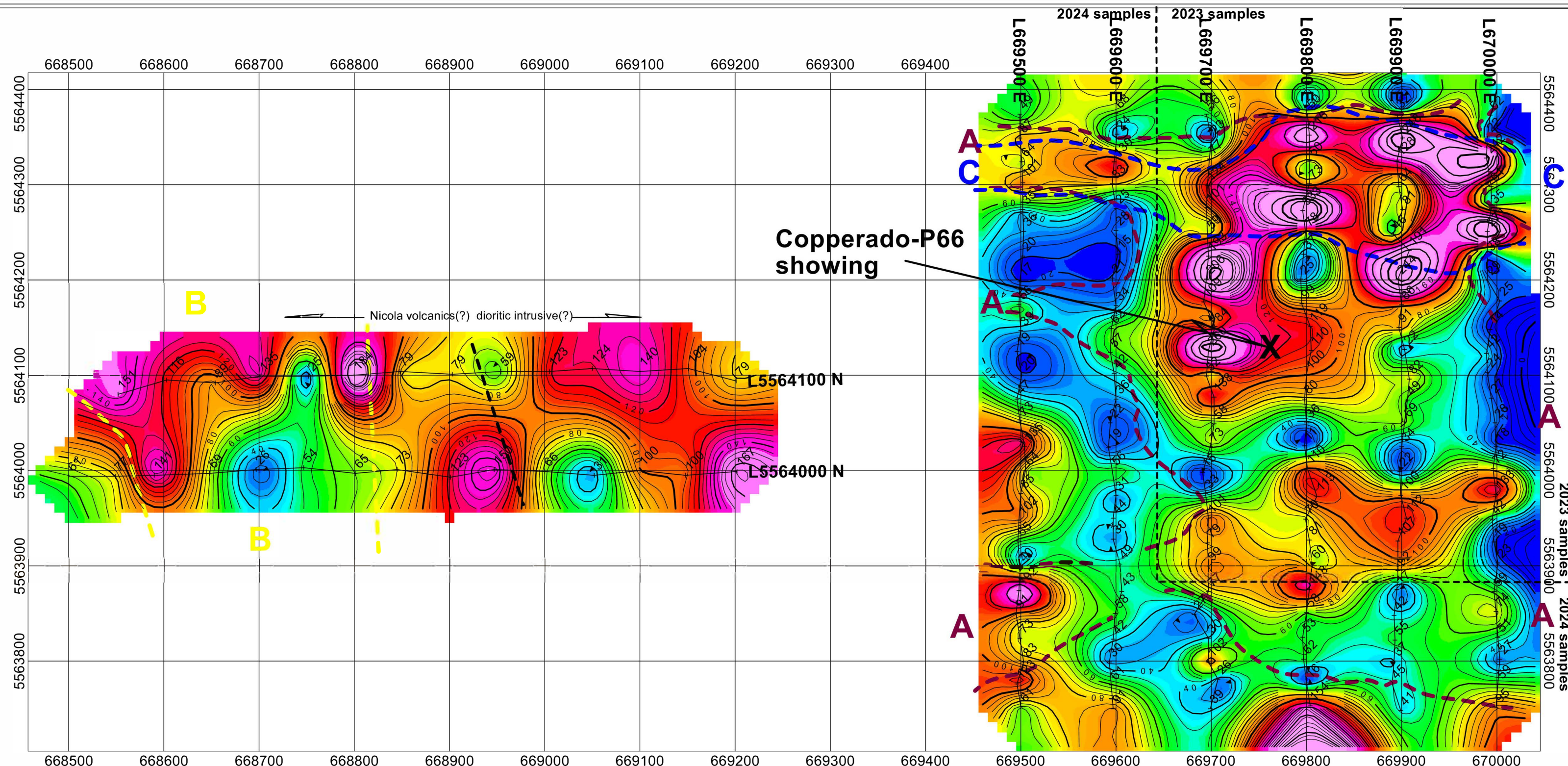
- C** anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact
as mapped by cerium and nickel

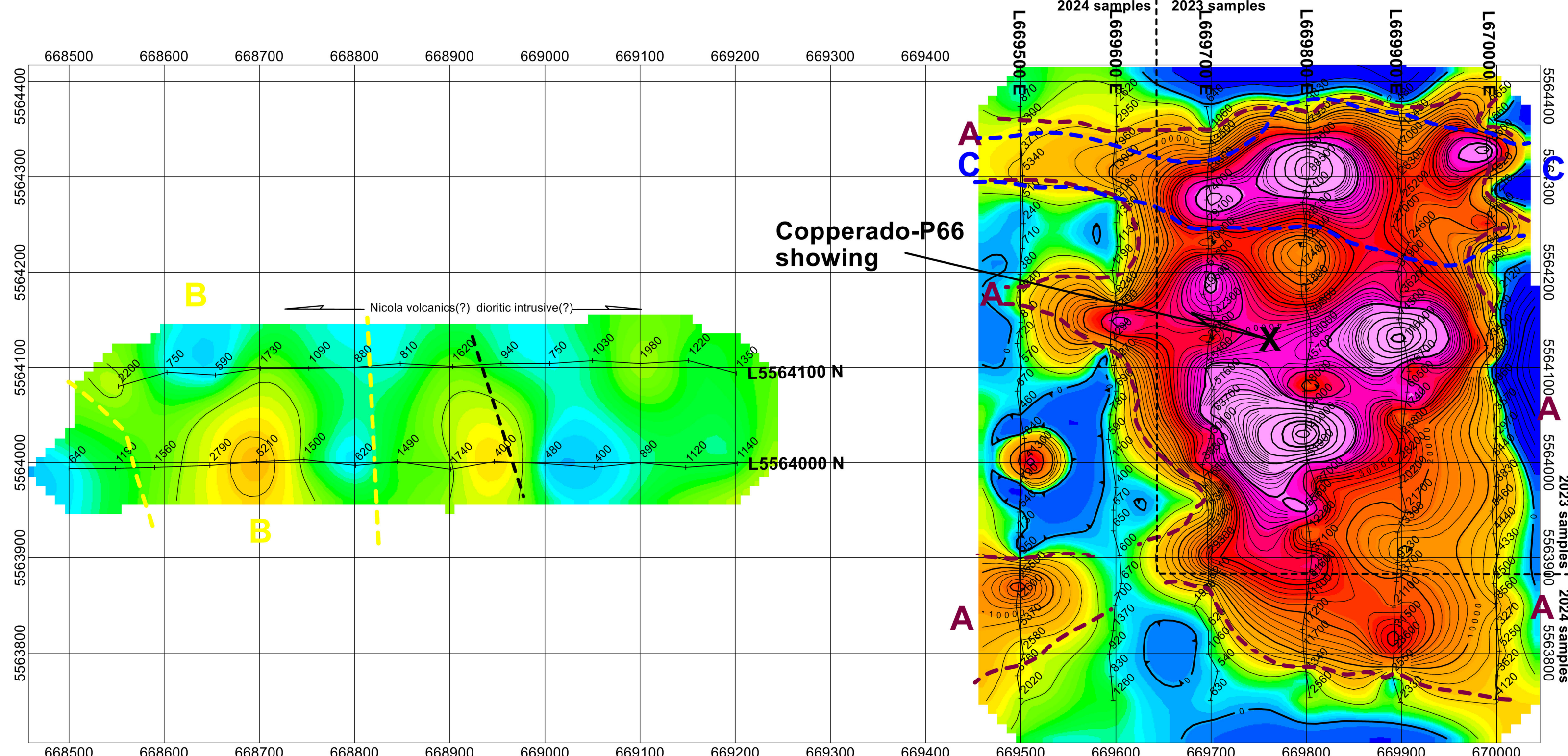


Cerium (ppb)



LIONHEART EXPLORATION INC.			
PEACOCK PROPERTY			
Peacock Mountain, Merritt Area, Nicola MD, BC			
MMI SOIL SAMPLING SURVEY			
CONTOUR PLAN			
CERIUM			
DRAWN BY:	JOB NO:	NTS:	DATE:
DGM	24-08	921/02	JULY '24
FIG NO:			
GC-04			





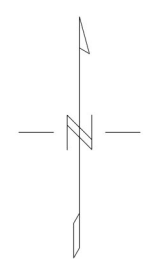
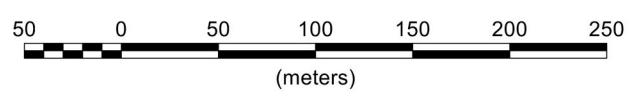
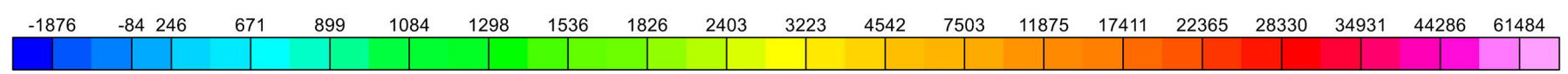
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

Laboratory soils tested by:
SGS Canada, Burnaby, BC

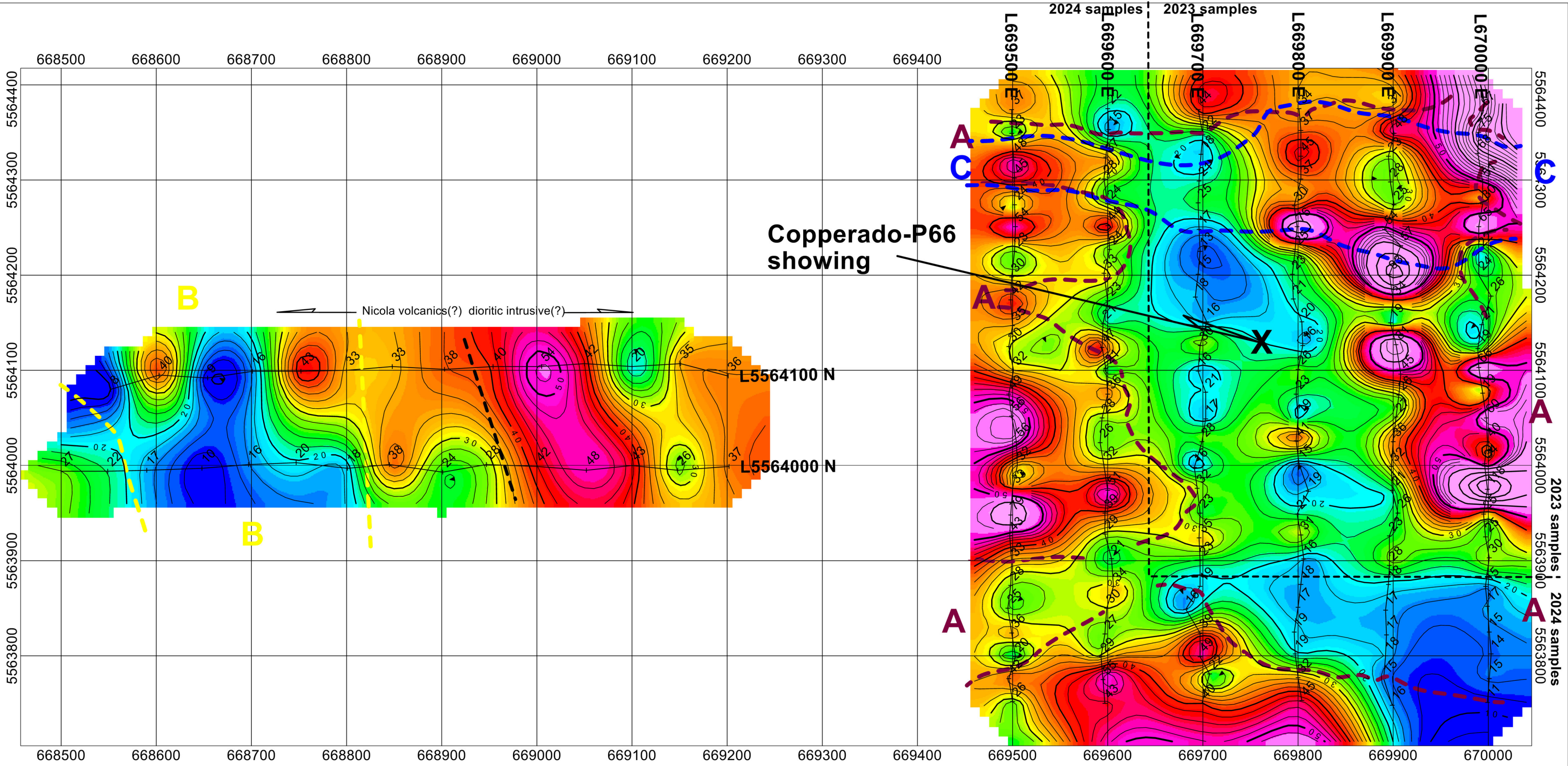
Coordinate system:
NAD 83, Zone 10

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 COPPER			
DRAWN BY: DGM	JOB NO: 24-08	NTS: 921/02	DATE: JULY '24
FIG NO: GC-06			



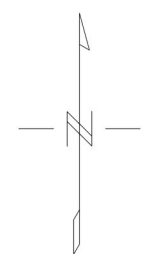
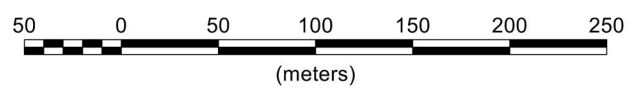
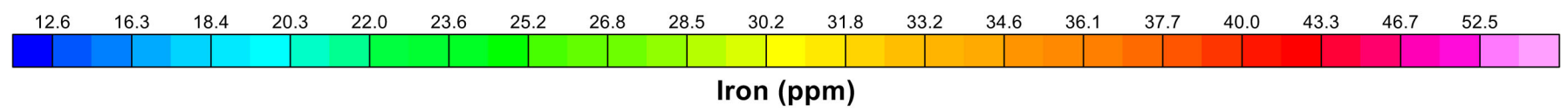
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

Laboratory soils tested by:
SGS Canada, Burnaby, BC

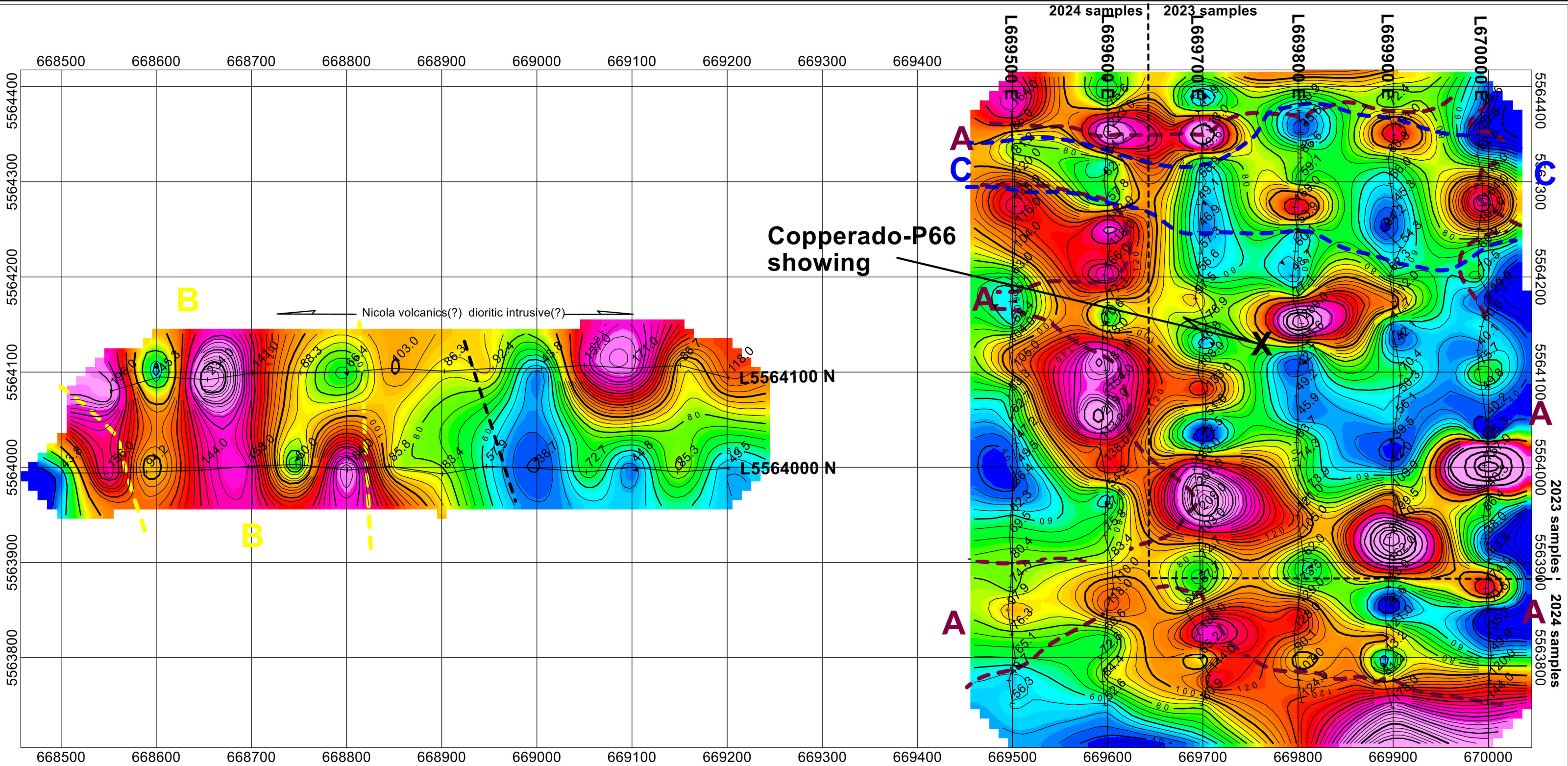
Coordinate system:
NAD 83, Zone 10

Units:
parts per million (ppm)

- 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				
IRON				
DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	24-08	921/02	JULY '24	GC-07



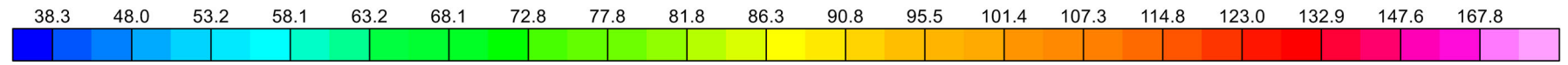
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

Laboratory soils tested by:
SGS Canada, Burnaby, BC

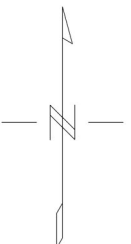
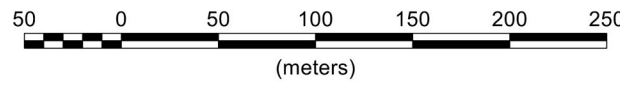
Coordinate system:
NAD 83, Zone 10

Units:
parts per million (ppm)

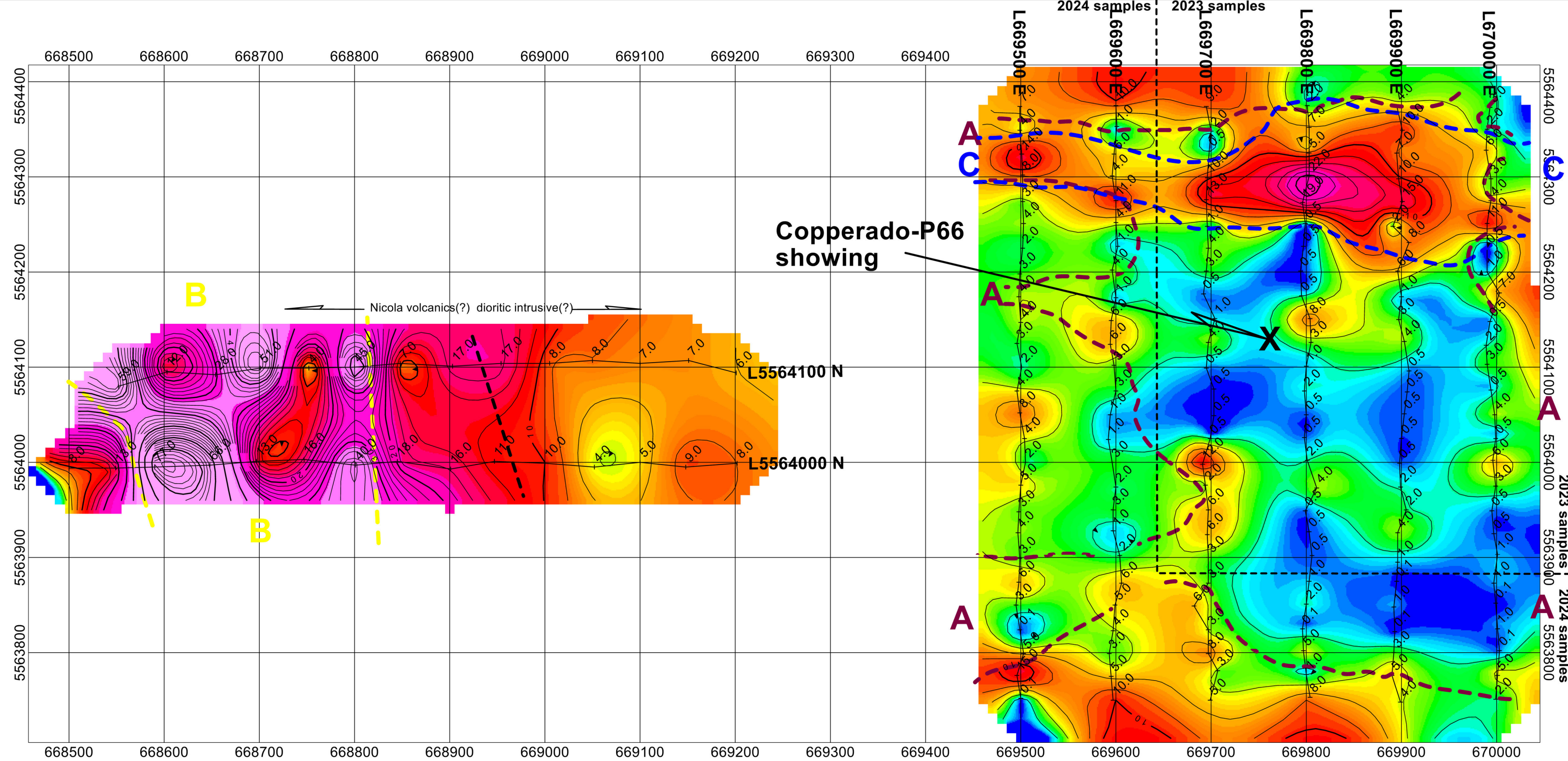
- C** anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



Potassium (ppm)



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY				
CONTOUR PLAN				
POTASSIUM				
DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	24-08	921/02	JULY '24	GC-08



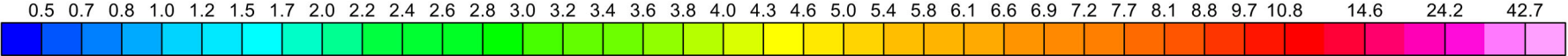
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

Laboratory soils tested by:
SGS Canada, Burnaby, BC

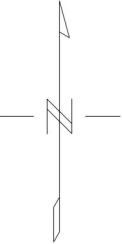
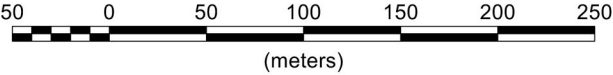
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

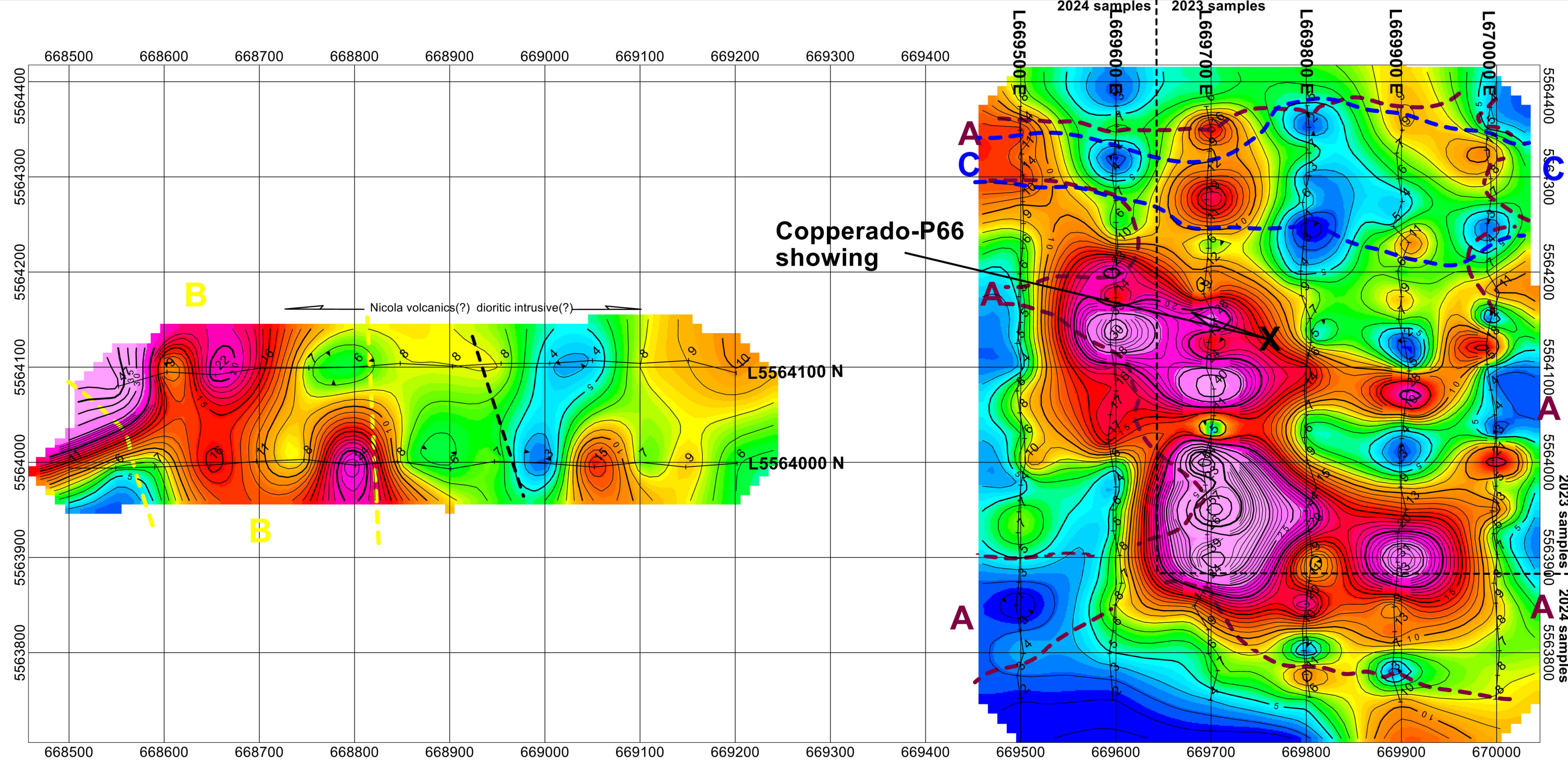
- C** anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact
as mapped by cerium and nickel



Lithium (ppb)



LIONHEART EXPLORATION INC.				
PEACOCK PROPERTY				
Peacock Mountain, Merritt Area, Nicola MD, BC				
MMI SOIL SAMPLING SURVEY CONTOUR PLAN LITHIUM				
DRAWN BY: DGM	JOB NO: 24-08	NTS: 921/02	DATE: JULY '24	FIG NO: GC-09



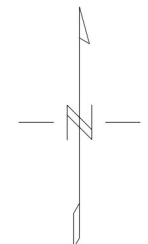
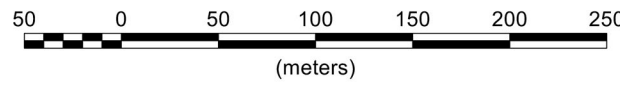
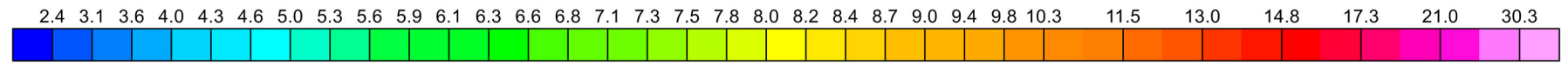
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

Laboratory soils tested by:
SGS Canada, Burnaby, BC

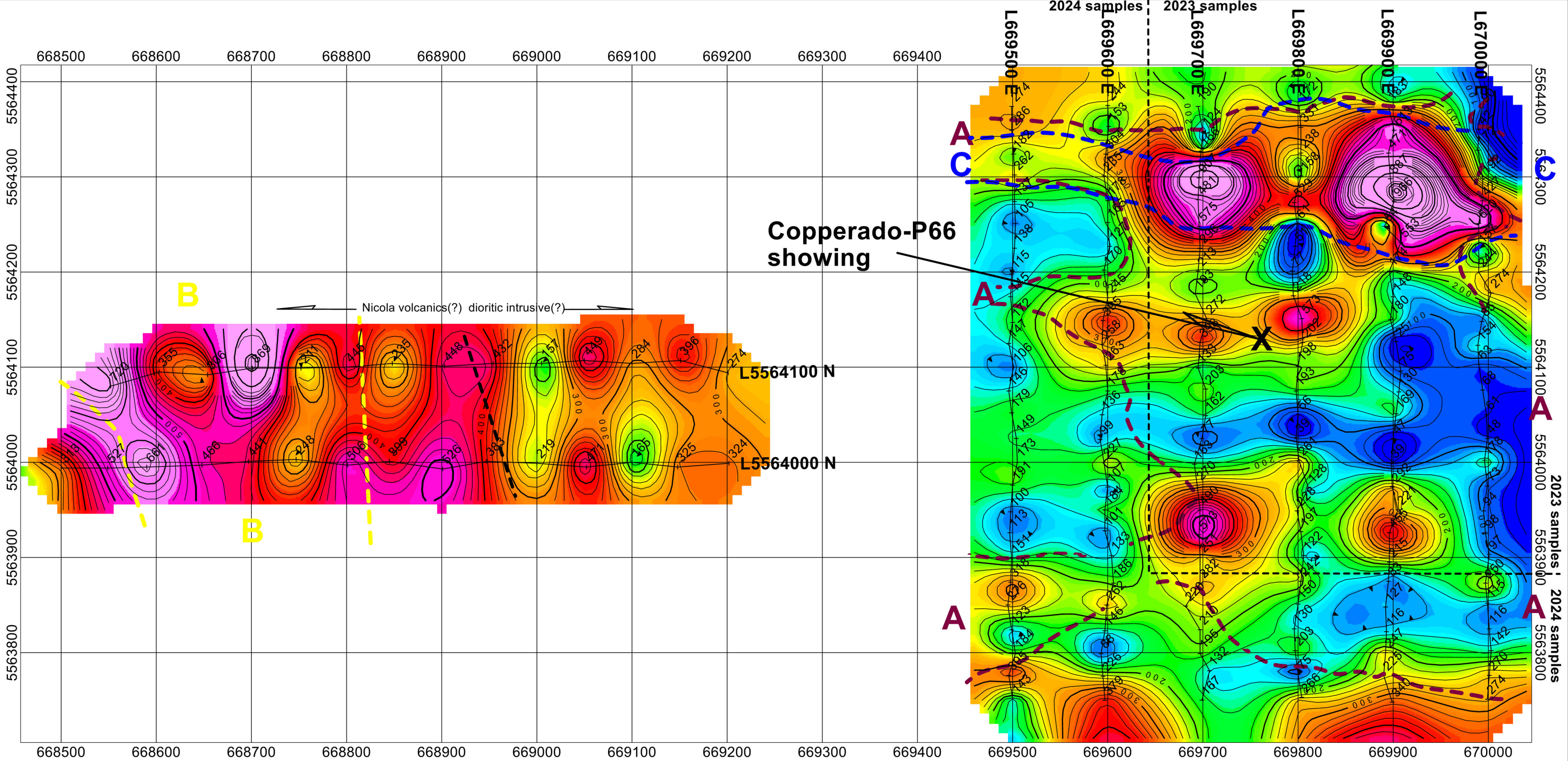
Coordinate system:
NAD 83, Zone 10

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				
MOLYBDENUM				
DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	24-08	921/02	JULY '24	GC-10



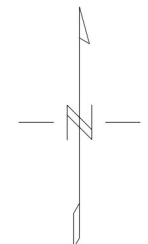
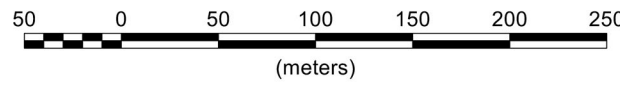
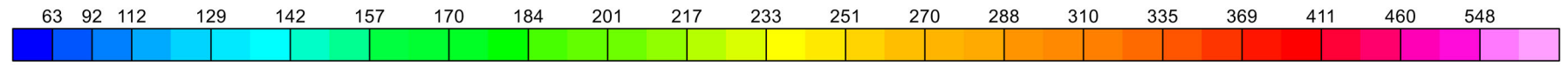
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

Laboratory soils tested by:
SGS Canada, Burnaby, BC

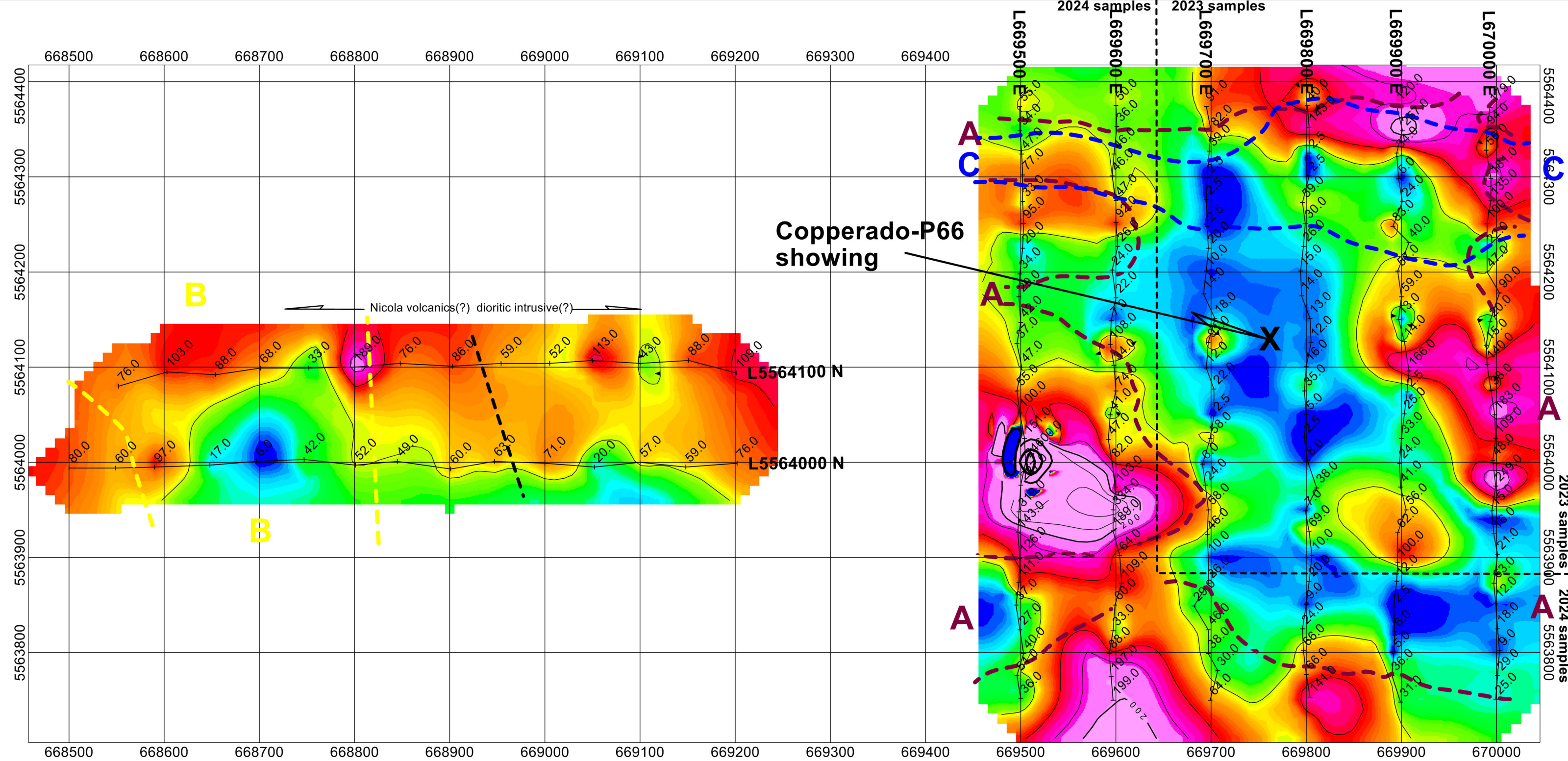
Coordinate system:
NAD 83, Zone 10

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			
NICKEL			
DRAWN BY:	JOB NO:	NTS:	DATE:
DGM	24-08	921/02	JULY '24
FIG NO:			
GC-11			



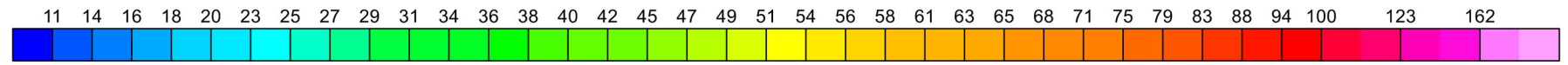
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

Laboratory soils tested by:
SGS Canada, Burnaby, BC

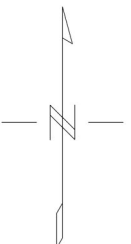
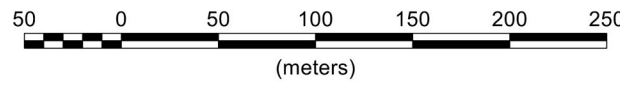
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

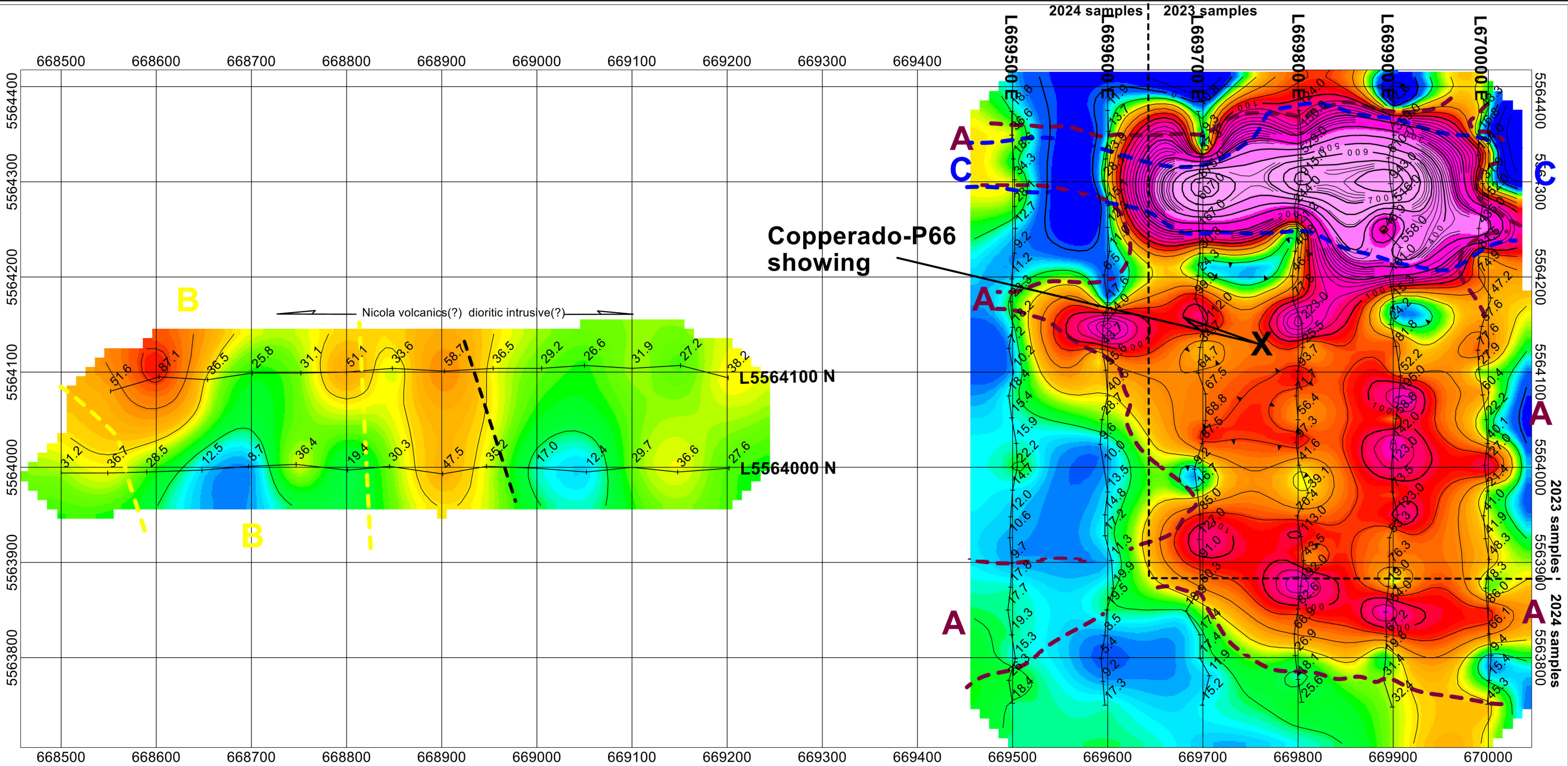
- C** anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



Lead (ppb)



LIONHEART EXPLORATION INC.			
PEACOCK PROPERTY			
Peacock Mountain, Merritt Area, Nicola MD, BC			
MMI SOIL SAMPLING SURVEY			
CONTOUR PLAN			
LEAD			
DRAWN BY:	JOB NO:	NTS:	DATE:
DGM	24-08	921/02	JULY '24
FIG NO:			
GC-12			



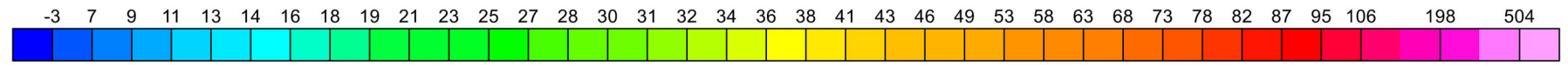
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

Laboratory soils tested by:
SGS Canada, Burnaby, BC

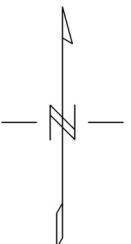
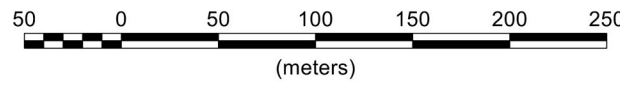
Coordinate system:
NAD 83, Zone 10

Units:
parts per billion (ppb)

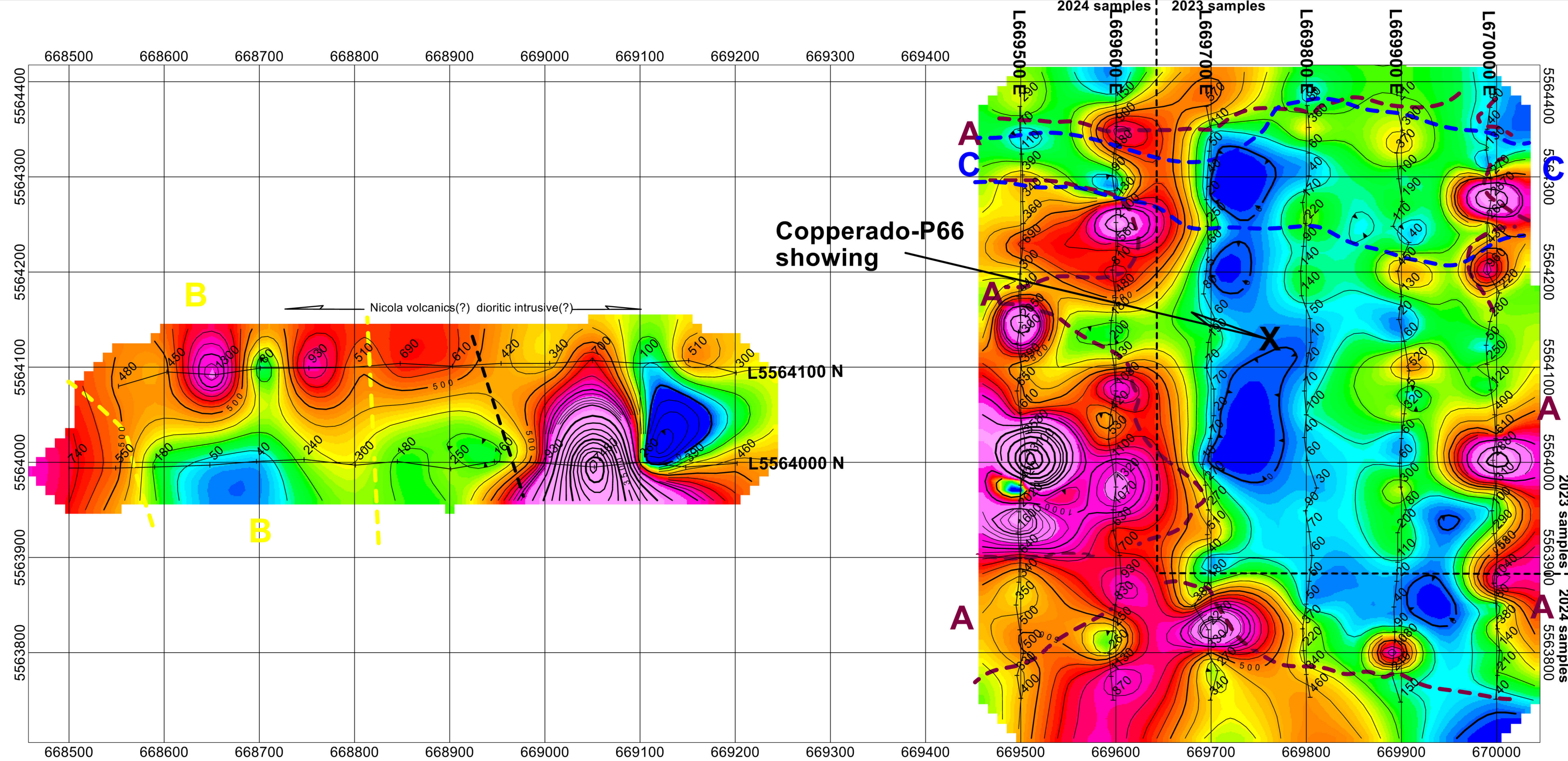
- C** anomaly label
- copper-gold-silver anomaly outline
- lithium anomalous zone outline
- Rare Earths anomaly outline
- possible lithologic contact as mapped by cerium and nickel



Uranium (ppb)



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	24-08	921/02	JULY '24	GC-13



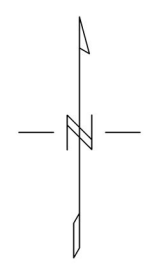
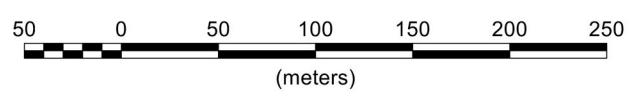
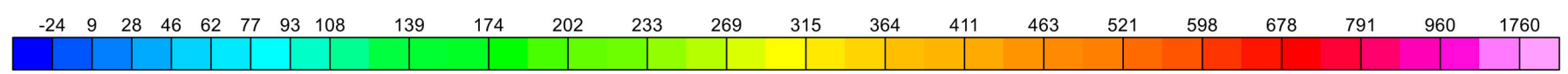
Date samples picked up:
- October 2022 for east-west lines
- October 2023 and June 2024
for north-south lines (as shown)

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				
ZINC				
DRAWN BY:	JOB NO:	NTS:	DATE:	FIG NO:
DGM	24-08	921/02	JULY '24	GC-14



ANALYSIS REPORT BBM24-40226

To GEOTRONICS CONSULTING INC.
DAVID MARK
132 SADDLEHORN DRIVE
KALEDEN V0H 1K0
BC
CANADA

Order Number	PO:	Date Received	18 Jun 2024
Submission Number	PEACOCK / 76 Soils	Date Analysed	25 Jun 2024 - 18 Jul 2024
Number of Samples	76	Date Completed	18 Jul 2024
		SGS Order Number	BBM24-40226

Methods Summary

Number of Sample	Method Code	Description
76	G_WGH_KG	Weight of samples received
76	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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MIN-M_COA_ROW-Last Modified Date: 05-Nov-2019



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
70000e 3750n	0.36	5.7	9	<10	<0.1	3300
70000e 3775n	0.31	7.5	19	<10	<0.1	2160
70000e 3800n	0.32	23.6	12	<10	<0.1	1220
70000e 3825n	0.31	15.7	23	<10	<0.1	1160
70000e 3850n	0.30	26.6	22	<10	<0.1	2860
70000e 3875n	0.28	8.8	22	<10	<0.1	4480
9500e 3750n	0.30	31.7	30	<10	<0.1	3670
9500e 3775n	0.29	11.5	61	<10	<0.1	6510
9500e 3800n	0.31	10.8	23	<10	0.2	5270
9500e 3825n	0.33	10.6	44	<10	0.1	7270
9500e 3850n	0.41	20.4	32	<10	0.1	2910
9500e 3875n	0.28	14.6	52	<10	0.1	9280
9500e 3900n	0.30	18.8	32	<10	<0.1	2360
9500e 3925n	0.27	9.3	65	<10	<0.1	2230
9500e 3950n	0.33	11.1	99	<10	0.3	2890
9500e 3975n	0.45	8.5	45	<10	<0.1	5770
9500e 4000n	0.38	988	26	20	97.9	3010
9500e 4025n	0.41	8.1	73	10	0.1	4880
9500e 4050n	0.32	17.2	84	<10	<0.1	3480
9500e 4075n	0.33	14.5	89	<10	<0.1	2490
9500e 4100n	0.37	17.8	62	<10	<0.1	5980
9500e 4125n	0.24	14.2	74	<10	<0.1	5470
9500e 4150n	0.34	15.0	77	<10	<0.1	3910
9500e 4175n	0.41	15.6	56	<10	0.2	4640
9500e 4200n	0.29	9.1	53	<10	<0.1	5740
9500e 4225n	0.41	14.0	31	<10	<0.1	2930
9500e 4250n	0.32	13.7	91	<10	<0.1	4310
9500e 4275n	0.35	12.4	33	<10	0.1	2770
9500e 4300n	0.34	28.1	71	<10	0.5	4240
9500e 4325n	0.47	20.5	87	<10	0.1	2770

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9500e 4350n	0.34	11.5	24	<10	0.2	3270
9500e 4375n	0.30	12.9	59	<10	<0.1	2650
9600e 3750n	0.34	14.2	57	<10	<0.1	7010
9600e 3775n	0.24	9.3	67	<10	<0.1	3120
9600e 3800n	0.32	14.2	27	<10	<0.1	4690
9600e 3825n	0.26	16.1	33	<10	0.2	5550
9600e 3850n	0.32	8.5	66	<10	<0.1	5250
9600e 3875n	0.27	9.3	60	<10	<0.1	4440
9600e 3900n	0.36	14.9	25	<10	0.1	5550
9600e 3925n	0.33	10.7	36	<10	0.1	5110
9600e 3950n	0.30	13.9	44	<10	0.1	3690
9600e 3975n	0.35	7.0	89	<10	0.1	5170
9600e 4000n	0.29	17.7	46	<10	<0.1	5380
9600e 4025n	0.34	16.8	34	<10	<0.1	5480
9600e 4050n	0.32	35.6	33	<10	<0.1	3540
9600e 4075n	0.28	10.8	85	<10	<0.1	3220
9600e 4100n	0.31	26.3	43	<10	<0.1	2730
9600e 4125n	0.30	16.7	91	<10	<0.1	2910
9600e 4150n	0.28	46.0	31	<10	0.5	2140
9600e 4175n	0.28	58.9	31	<10	0.2	1900
9600e 4200n	0.24	18.6	59	<10	<0.1	1840
9600e 4225n	0.28	30.8	34	<10	0.1	2340
9600e 4250n	0.20	11.7	112	<10	<0.1	2940
9600e 4275n	0.26	20.1	36	<10	<0.1	5660
9600e 4300n	0.30	28.5	32	<10	0.1	6270
9600e 4325n	0.32	35.3	48	<10	0.2	7050
9600e 4350n	0.29	35.8	15	<10	<0.1	2690
9600e 4375n	0.27	12.5	25	<10	<0.1	4400
9700e 3750n	0.34	20.9	39	<10	<0.1	5150
9700e 3775n	0.34	13.7	18	<10	<0.1	3200

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9700e 3800n	0.38	14.9	49	<10	<0.1	1750
9700e 3825n	0.24	14.3	52	<10	<0.1	5210
9700e 3850n	0.31	16.6	24	<10	<0.1	5380
9700e 3875n	0.35	31.4	18	<10	0.1	3960
9800e 3750n	0.30	21.8	72	<10	<0.1	3660
9800e 3775n	0.21	17.6	77	<10	<0.1	3040
9800e 3800n	0.28	21.3	41	<10	0.2	3980
9800e 3825n	0.30	29.5	23	<10	0.2	4830
9800e 3850n	0.37	19.0	17	<10	0.2	2720
9800e 3875n	0.30	53.5	13	<10	1.2	7940
9900e 3750n	0.30	9.2	24	<10	<0.1	3290
9900e 3775n	0.34	16.3	15	<10	<0.1	3110
9900e 3800n	0.31	73.0	18	<10	0.3	3030
9900e 3825n	0.32	44.9	18	<10	0.3	5250
9900e 3850n	0.30	49.9	15	<10	0.5	2520
9900e 3875n	0.25	36.7	21	<10	0.3	880
*Std SRM26	-	18.4	71	20	7.8	230
*Rep 9800e 3775n	-	16.1	83	<10	<0.1	2860
*Rep 9900e 3775n	-	14.6	13	<10	<0.1	3050
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10
*Blk BLANK	-	<0.5	<1	<10	<0.1	20
*Rep 9500e 3900n	-	15.9	31	<10	<0.1	2490
*Rep 9600e 3750n	-	13.9	50	<10	0.1	7060
*Rep 9600e 4125n	-	18.7	90	<10	<0.1	2790
*Std AMIS0841	-	2.2	167	<10	4.9	90
*Rep 9500e 4000n	-	977	26	20	94.7	3190
*Std AMIS0841	-	1.7	137	10	4.4	90
*Blk BLANK	-	<0.5	<1	<10	<0.1	<10

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
70000e 3750n	<0.5	490	11	84	95	<100
70000e 3775n	<0.5	443	8	99	59	<100
70000e 3800n	<0.5	825	15	8	27	<100
70000e 3825n	<0.5	818	21	39	51	<100
70000e 3850n	<0.5	764	17	93	74	<100
70000e 3875n	<0.5	566	22	69	59	<100
9500e 3750n	<0.5	659	12	64	61	<100
9500e 3775n	<0.5	492	6	428	123	<100
9500e 3800n	<0.5	616	7	119	83	<100
9500e 3825n	<0.5	648	45	187	73	<100
9500e 3850n	<0.5	862	8	68	91	<100
9500e 3875n	<0.5	513	11	242	192	<100
9500e 3900n	<0.5	490	10	100	40	<100
9500e 3925n	<0.5	402	9	238	55	<100
9500e 3950n	<0.5	311	18	244	102	<100
9500e 3975n	<0.5	461	8	440	85	<100
9500e 4000n	<0.5	422	516	47	64	<100
9500e 4025n	<0.5	381	42	332	135	<100
9500e 4050n	<0.5	435	6	230	73	<100
9500e 4075n	<0.5	406	8	192	47	<100
9500e 4100n	<0.5	333	6	140	20	<100
9500e 4125n	<0.5	427	12	179	19	<100
9500e 4150n	<0.5	425	15	380	39	<100
9500e 4175n	<0.5	517	10	200	56	<100
9500e 4200n	<0.5	383	5	181	17	<100
9500e 4225n	<0.5	482	8	48	20	<100
9500e 4250n	<0.5	335	5	167	36	<100
9500e 4275n	<0.5	443	8	154	35	<100
9500e 4300n	<0.5	452	11	454	101	<100
9500e 4325n	<0.5	364	4	450	64	<100

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9500e 4350n	<0.5	585	8	181	87	<100
9500e 4375n	<0.5	415	10	260	49	<100
9600e 3750n	<0.5	449	11	526	91	<100
9600e 3775n	<0.5	392	11	289	61	<100
9600e 3800n	<0.5	515	3	110	30	<100
9600e 3825n	<0.5	465	6	232	42	<100
9600e 3850n	<0.5	388	10	412	58	<100
9600e 3875n	<0.5	426	7	393	43	<100
9600e 3900n	<0.5	481	10	131	49	<100
9600e 3925n	<0.5	465	9	331	30	<100
9600e 3950n	<0.5	423	15	302	44	<100
9600e 3975n	<0.5	380	17	298	31	<100
9600e 4000n	<0.5	564	20	116	56	<100
9600e 4025n	<0.5	488	6	115	19	<100
9600e 4050n	<0.5	462	5	90	22	<100
9600e 4075n	<0.5	514	12	139	36	<100
9600e 4100n	<0.5	588	9	94	42	<100
9600e 4125n	<0.5	579	14	198	57	<100
9600e 4150n	<0.5	1041	13	72	62	<100
9600e 4175n	<0.5	747	11	19	34	<100
9600e 4200n	<0.5	453	17	63	21	<100
9600e 4225n	<0.5	575	10	19	15	<100
9600e 4250n	<0.5	483	25	82	28	<100
9600e 4275n	<0.5	450	4	208	25	<100
9600e 4300n	<0.5	520	6	263	83	<100
9600e 4325n	<0.5	512	11	448	130	<100
9600e 4350n	<0.5	528	17	22	24	<100
9600e 4375n	<0.5	480	4	313	68	<100
9700e 3750n	<0.5	434	7	379	39	<100
9700e 3775n	<0.5	453	4	144	26	<100

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9700e 3800n	<0.5	340	5	497	102	<100
9700e 3825n	<0.5	549	16	147	30	<100
9700e 3850n	<0.5	744	8	48	27	<100
9700e 3875n	<0.5	722	22	83	77	<100
9800e 3750n	<0.5	465	9	450	154	<100
9800e 3775n	<0.5	527	9	103	16	<100
9800e 3800n	<0.5	584	13	186	62	<100
9800e 3825n	<0.5	757	29	61	53	<100
9800e 3850n	<0.5	581	17	52	58	<100
9800e 3875n	<0.5	797	23	145	148	<100
9900e 3750n	<0.5	408	11	132	41	<100
9900e 3775n	<0.5	472	8	167	45	<100
9900e 3800n	<0.5	733	53	40	37	<100
9900e 3825n	<0.5	735	24	47	55	<100
9900e 3850n	<0.5	778	16	22	42	<100
9900e 3875n	<0.5	893	17	6	17	<100
*Std SRM26	<0.5	111	11	386	54	<100
*Rep 9800e 3775n	<0.5	486	11	113	15	<100
*Rep 9900e 3775n	<0.5	463	7	161	50	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100
*Rep 9500e 3900n	<0.5	453	11	98	36	<100
*Rep 9600e 3750n	<0.5	433	9	491	87	<100
*Rep 9600e 4125n	<0.5	555	12	202	51	<100
*Std AMIS0841	1.0	40	9	801	697	<100
*Rep 9500e 4000n	<0.5	424	498	48	68	<100
*Std AMIS0841	0.8	25	9	455	612	<100
*Blk BLANK	<0.5	<2	<1	<2	<1	<100

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
70000e 3750n	0.4	4120	20.7	10.4	7.5	11
70000e 3775n	0.5	3620	23.9	11.6	7.6	15
70000e 3800n	0.7	5250	2.7	1.5	0.7	14
70000e 3825n	0.6	3270	6.2	3.1	2.2	15
70000e 3850n	0.8	8560	25.8	14.1	9.1	17
70000e 3875n	0.6	2500	13.8	7.1	4.6	15
9500e 3750n	0.3	2020	13.3	7.4	3.8	26
9500e 3775n	0.2	3760	90.3	52.4	23.8	42
9500e 3800n	<0.2	2580	29.2	15.0	9.0	20
9500e 3825n	<0.2	5370	25.9	14.8	7.3	36
9500e 3850n	<0.2	12600	25.0	14.3	6.5	25
9500e 3875n	<0.2	25500	33.2	18.8	9.2	28
9500e 3900n	0.3	950	9.8	4.5	2.7	33
9500e 3925n	0.5	730	19.7	8.9	5.1	43
9500e 3950n	0.9	540	18.5	9.2	4.3	79
9500e 3975n	0.3	790	43.1	24.9	10.3	33
9500e 4000n	1.8	41300	18.1	13.5	4.7	32
9500e 4025n	0.5	840	35.4	18.7	8.7	56
9500e 4050n	0.3	460	21.3	10.6	5.8	56
9500e 4075n	0.5	670	27.3	14.6	7.1	49
9500e 4100n	0.3	570	20.7	10.8	6.2	32
9500e 4125n	0.5	720	26.2	13.6	6.9	30
9500e 4150n	0.4	810	39.1	20.5	10.2	35
9500e 4175n	0.5	2940	37.1	19.9	9.4	42
9500e 4200n	0.3	380	17.1	8.0	5.4	30
9500e 4225n	0.2	710	9.5	5.3	3.0	23
9500e 4250n	0.2	240	15.8	7.4	4.3	54
9500e 4275n	<0.2	510	22.7	11.6	6.5	24
9500e 4300n	0.2	5340	46.7	25.5	12.5	45
9500e 4325n	0.2	3710	47.8	26.7	13.8	48

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9500e 4350n	0.3	3300	29.4	16.9	9.0	23
9500e 4375n	0.2	870	31.9	16.3	9.1	37
9600e 3750n	0.3	1260	85.7	47.1	22.4	43
9600e 3775n	0.2	830	24.8	12.1	6.9	55
9600e 3800n	0.3	920	13.1	6.6	3.8	29
9600e 3825n	0.3	1370	36.5	18.1	10.3	27
9600e 3850n	0.3	700	43.7	23.3	13.3	30
9600e 3875n	0.3	670	39.8	19.4	10.6	34
9600e 3900n	<0.2	600	13.3	6.6	4.6	21
9600e 3925n	0.3	650	26.5	13.1	7.8	29
9600e 3950n	0.2	670	27.6	14.0	7.2	39
9600e 3975n	0.6	400	33.5	18.0	8.0	51
9600e 4000n	<0.2	1100	28.9	16.3	6.9	32
9600e 4025n	<0.2	590	11.4	5.8	3.5	26
9600e 4050n	<0.2	780	20.0	10.0	5.2	28
9600e 4075n	0.2	690	26.8	15.2	6.5	36
9600e 4100n	0.4	4270	39.3	21.2	10.9	21
9600e 4125n	0.3	2290	46.9	27.9	10.7	47
9600e 4150n	0.5	53400	25.9	19.4	7.6	21
9600e 4175n	0.3	6240	8.6	4.8	2.4	23
9600e 4200n	0.5	1190	11.6	5.2	3.8	33
9600e 4225n	0.2	1130	4.1	2.0	1.3	24
9600e 4250n	0.3	1380	12.8	7.1	3.0	44
9600e 4275n	0.6	2080	28.4	14.1	9.0	24
9600e 4300n	<0.2	13000	40.5	20.2	12.7	28
9600e 4325n	0.4	7960	52.0	26.7	16.6	37
9600e 4350n	<0.2	2950	7.0	3.4	2.4	15
9600e 4375n	<0.2	2620	32.8	15.1	10.7	22
9700e 3750n	0.3	630	36.5	17.0	10.4	40
9700e 3775n	<0.2	540	20.1	8.8	6.4	22

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9700e 3800n	0.4	1060	42.7	20.1	12.5	49
9700e 3825n	0.4	620	25.6	13.9	7.0	39
9700e 3850n	0.3	1960	25.4	12.4	7.3	16
9700e 3875n	0.3	5210	20.5	9.8	6.4	19
9800e 3750n	0.4	2560	44.1	22.3	12.0	45
9800e 3775n	0.5	1340	22.5	12.2	6.8	32
9800e 3800n	0.5	11700	54.3	29.2	14.7	19
9800e 3825n	0.7	17200	11.7	5.7	4.1	19
9800e 3850n	<0.2	21100	38.4	17.5	12.8	17
9800e 3875n	0.5	31600	36.1	22.5	11.1	18
9900e 3750n	0.3	2330	35.4	16.6	12.6	16
9900e 3775n	0.5	2550	28.5	12.4	10.4	15
9900e 3800n	0.7	28600	8.8	5.0	3.3	18
9900e 3825n	0.5	31500	14.0	8.7	4.6	17
9900e 3850n	1.0	21100	8.7	3.7	3.8	17
9900e 3875n	0.5	23700	3.5	1.9	1.0	18
*Std SRM26	13.8	530	23.7	10.0	8.7	7
*Rep 9800e 3775n	0.6	1370	23.3	12.0	6.3	34
*Rep 9900e 3775n	0.5	2260	27.1	13.0	9.9	13
*Blk BLANK	<0.2	10	<0.5	<0.2	<0.2	<1
*Blk BLANK	<0.2	<10	<0.5	<0.2	<0.2	<1
*Rep 9500e 3900n	0.3	890	9.6	4.2	2.7	33
*Rep 9600e 3750n	0.3	1140	65.3	36.7	18.6	42
*Rep 9600e 4125n	0.3	2330	45.8	27.4	10.6	48
*Std AMIS0841	72.9	22900	423	310	92.3	24
*Rep 9500e 4000n	1.8	41300	18.1	13.0	4.9	32
*Std AMIS0841	71.2	18700	327	260	61.2	21
*Blk BLANK	<0.2	10	<0.5	<0.2	<0.2	<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 / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
70000e 3750n	1.0	32.4	<1	<0.1	144	59
70000e 3775n	1.1	33.9	<1	<0.1	120	58
70000e 3800n	1.0	3.0	<1	<0.1	49.9	2
70000e 3825n	1.4	9.1	<1	<0.1	35.7	9
70000e 3850n	1.6	38.7	<1	<0.1	30.8	57
70000e 3875n	1.7	19.2	<1	<0.1	174	33
9500e 3750n	1.6	16.9	<1	<0.1	56.3	29
9500e 3775n	3.0	99.5	<1	<0.1	49.7	176
9500e 3800n	1.2	37.6	<1	<0.1	65.1	65
9500e 3825n	1.8	31.4	<1	<0.1	76.3	59
9500e 3850n	1.1	28.6	<1	<0.1	97.9	35
9500e 3875n	2.3	39.0	<1	<0.1	74.5	96
9500e 3900n	1.2	11.9	<1	<0.1	80.4	31
9500e 3925n	2.2	21.3	<1	<0.1	69.5	64
9500e 3950n	4.7	18.7	<1	<0.1	62.3	70
9500e 3975n	2.3	50.6	<1	<0.1	36.4	121
9500e 4000n	1.8	18.6	3	<0.1	49.5	49
9500e 4025n	3.7	39.0	<1	<0.1	47.2	120
9500e 4050n	2.7	24.4	<1	<0.1	62.7	82
9500e 4075n	3.1	31.2	<1	<0.1	53.3	61
9500e 4100n	2.6	26.0	<1	<0.1	105	71
9500e 4125n	2.4	30.1	<1	<0.1	104	66
9500e 4150n	3.1	45.6	<1	<0.1	58.4	110
9500e 4175n	1.8	46.3	<1	<0.1	55.1	82
9500e 4200n	2.1	21.3	<1	<0.1	63.0	64
9500e 4225n	1.4	12.0	<1	<0.1	104	29
9500e 4250n	3.7	17.4	<1	<0.1	116	59
9500e 4275n	1.4	27.9	<1	<0.1	145	63
9500e 4300n	3.2	54.6	<1	<0.1	120	144
9500e 4325n	3.6	60.0	<1	<0.1	81.2	136

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9500e 4350n	1.4	39.3	<1	<0.1	86.0	73
9500e 4375n	2.6	39.1	<1	<0.1	164	90
9600e 3750n	3.9	103	<1	<0.1	52.6	209
9600e 3775n	2.4	30.5	<1	<0.1	84.4	88
9600e 3800n	1.2	16.9	<1	<0.1	72.6	47
9600e 3825n	1.9	47.8	<1	<0.1	60.6	99
9600e 3850n	3.0	56.2	<1	<0.1	118	139
9600e 3875n	3.0	47.6	<1	<0.1	110	116
9600e 3900n	1.4	18.7	<1	<0.1	83.4	50
9600e 3925n	2.0	35.3	<1	<0.1	75.8	92
9600e 3950n	2.4	32.8	<1	<0.1	67.1	94
9600e 3975n	3.6	37.6	<1	<0.1	54.2	92
9600e 4000n	1.9	31.6	<1	<0.1	138	47
9600e 4025n	1.2	16.0	<1	<0.1	113	43
9600e 4050n	1.5	25.1	<1	<0.1	219	49
9600e 4075n	2.0	28.8	<1	<0.1	154	49
9600e 4100n	1.6	49.3	<1	<0.1	181	67
9600e 4125n	3.4	49.7	<1	<0.1	178	72
9600e 4150n	1.3	30.3	<1	<0.1	70.6	56
9600e 4175n	1.1	10.7	<1	<0.1	77.1	13
9600e 4200n	3.0	15.6	<1	<0.1	166	32
9600e 4225n	1.3	4.8	<1	<0.1	118	9
9600e 4250n	3.1	12.3	<1	<0.1	183	22
9600e 4275n	2.1	36.7	<1	<0.1	57.8	85
9600e 4300n	2.4	52.4	<1	<0.1	82.1	127
9600e 4325n	3.6	63.8	<1	<0.1	54.2	186
9600e 4350n	0.7	10.0	<1	<0.1	223	16
9600e 4375n	2.3	44.8	<1	<0.1	75.6	103
9700e 3750n	2.9	46.3	<1	<0.1	80.9	142
9700e 3775n	1.4	27.4	<1	<0.1	144	73

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9700e 3800n	3.5	55.0	<1	<0.1	65.2	168
9700e 3825n	2.7	31.3	<1	<0.1	183	54
9700e 3850n	1.1	34.4	<1	<0.1	94.4	39
9700e 3875n	1.1	27.0	<1	<0.1	67.7	37
9800e 3750n	5.2	52.8	<1	<0.1	124	158
9800e 3775n	3.1	30.8	<1	<0.1	107	54
9800e 3800n	2.0	63.2	<1	<0.1	90.1	78
9800e 3825n	1.5	15.8	<1	<0.1	128	27
9800e 3850n	1.7	52.8	<1	<0.1	129	61
9800e 3875n	1.5	44.3	<1	<0.1	73.5	62
9900e 3750n	1.8	52.3	<1	<0.1	178	101
9900e 3775n	1.8	43.5	<1	<0.1	81.2	107
9900e 3800n	1.5	11.2	<1	<0.1	43.2	16
9900e 3825n	1.8	17.9	<1	<0.1	121	31
9900e 3850n	1.3	13.8	<1	<0.1	22.6	16
9900e 3875n	0.9	4.3	<1	<0.1	43.9	5
*Std SRM26	4.6	37.0	9	<0.1	29.3	133
*Rep 9800e 3775n	3.4	28.9	<1	<0.1	113	56
*Rep 9900e 3775n	2.0	44.4	<1	<0.1	80.9	109
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<1
*Rep 9500e 3900n	1.3	12.3	<1	<0.1	81.8	33
*Rep 9600e 3750n	3.4	78.9	<1	<0.1	51.6	179
*Rep 9600e 4125n	2.6	51.8	<1	<0.1	181	74
*Std AMIS0841	10.0	407	<1	0.2	118	465
*Rep 9500e 4000n	1.8	18.7	3	<0.1	48.4	47
*Std AMIS0841	7.6	279	<1	0.2	96.8	269
*Blk BLANK	<0.5	<0.5	<1	<0.1	<0.5	<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 / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
70000e 3750n	2	34.3	15600	8	0.9	126
70000e 3775n	5	46.0	10000	8	0.9	125
70000e 3800n	<1	19.0	7700	7	1.3	7
70000e 3825n	1	19.2	10900	8	0.7	27
70000e 3850n	<1	32.8	15100	9	0.7	137
70000e 3875n	1	62.5	18800	8	1.4	72
9500e 3750n	<1	45.6	5600	2	1.0	53
9500e 3775n	15	163	7000	3	0.7	339
9500e 3800n	5	117	6000	4	<0.5	128
9500e 3825n	<1	109	7200	3	0.8	105
9500e 3850n	3	126	4000	<2	<0.5	85
9500e 3875n	6	126	8800	3	0.9	150
9500e 3900n	3	64.0	4400	5	0.9	50
9500e 3925n	4	75.6	7800	7	2.1	91
9500e 3950n	3	72.1	8800	7	4.6	84
9500e 3975n	5	94.1	5200	4	0.5	198
9500e 4000n	2	37.9	6700	10	0.5	88
9500e 4025n	4	72.3	7900	6	2.2	163
9500e 4050n	8	57.5	5400	8	2.8	101
9500e 4075n	4	60.1	2800	8	1.8	110
9500e 4100n	2	73.4	3300	4	1.8	109
9500e 4125n	3	58.7	5100	5	1.1	119
9500e 4150n	4	62.9	10300	5	1.3	191
9500e 4175n	4	44.4	3200	5	2.0	165
9500e 4200n	3	38.2	3800	6	1.3	91
9500e 4225n	2	58.6	5700	6	1.0	51
9500e 4250n	4	58.4	4900	9	3.6	77
9500e 4275n	3	57.2	6400	10	1.1	110
9500e 4300n	8	82.3	9900	14	2.7	217
9500e 4325n	14	64.8	6700	11	1.8	242

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9500e 4350n	4	78.9	10500	14	1.1	142
9500e 4375n	7	82.5	9800	8	1.8	150
9600e 3750n	10	93.8	5900	2	0.8	359
9600e 3775n	5	105	6500	3	1.8	124
9600e 3800n	3	66.1	1200	5	1.1	69
9600e 3825n	4	73.7	3800	6	0.8	174
9600e 3850n	5	102	14800	8	1.0	226
9600e 3875n	6	63.1	3000	7	1.2	198
9600e 3900n	2	77.1	7500	8	0.7	78
9600e 3925n	1	87.2	4100	5	0.6	145
9600e 3950n	3	90.7	5400	6	1.0	138
9600e 3975n	2	44.9	4200	4	1.7	141
9600e 4000n	3	94.9	6900	6	1.0	96
9600e 4025n	1	46.0	3200	17	1.2	63
9600e 4050n	1	71.4	3500	17	1.3	88
9600e 4075n	3	51.3	9300	16	1.9	90
9600e 4100n	3	50.3	7800	18	1.2	152
9600e 4125n	6	57.1	10700	30	1.8	153
9600e 4150n	6	83.8	14900	33	0.7	119
9600e 4175n	1	46.0	3700	14	0.8	30
9600e 4200n	4	47.5	6400	23	1.5	61
9600e 4225n	1	92.6	3500	10	1.4	18
9600e 4250n	4	96.7	12800	6	1.4	39
9600e 4275n	11	119	2700	7	1.0	146
9600e 4300n	4	106	5100	4	0.8	217
9600e 4325n	6	112	9500	2	1.3	294
9600e 4350n	1	120	6200	7	0.7	34
9600e 4375n	10	155	1900	3	0.7	178
9700e 3750n	5	80.6	1800	4	1.3	209
9700e 3775n	3	99.3	2100	7	0.9	119

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9700e 3800n	8	126	4400	6	1.5	247
9700e 3825n	3	71.1	13500	9	1.2	108
9700e 3850n	6	57.2	4300	11	0.5	94
9700e 3875n	3	48.7	12200	24	0.9	86
9800e 3750n	8	80.3	9200	6	2.7	226
9800e 3775n	1	37.3	3400	11	1.6	107
9800e 3800n	5	140	6100	2	0.6	186
9800e 3825n	<1	63.9	14300	10	1.5	56
9800e 3850n	2	96.4	8500	20	<0.5	175
9800e 3875n	1	93.2	21000	11	1.2	143
9900e 3750n	4	78.5	11700	10	0.8	214
9900e 3775n	5	55.8	7000	3	0.6	196
9900e 3800n	3	42.8	20300	7	0.9	39
9900e 3825n	<1	44.5	24900	13	1.2	70
9900e 3850n	1	30.0	6100	9	<0.5	50
9900e 3875n	<1	31.6	3800	23	1.2	13
*Std SRM26	<1	24.3	600	48	<0.5	200
*Rep 9800e 3775n	1	37.5	4600	22	2.1	110
*Rep 9900e 3775n	5	54.5	7300	4	<0.5	205
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<1
*Rep 9500e 3900n	3	61.7	5400	5	0.9	51
*Rep 9600e 3750n	9	92.5	5000	3	0.9	301
*Rep 9600e 4125n	5	53.0	9400	32	1.8	148
*Std AMIS0841	<1	5.7	32800	9	<0.5	1420
*Rep 9500e 4000n	2	37.1	6500	10	0.6	85
*Std AMIS0841	<1	4.5	24300	10	<0.5	872
*Blk BLANK	<1	<0.5	<100	<2	<0.5	<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 / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
70000e 3750n	274	1.6	25	<1	23.1	<0.1
70000e 3775n	270	4.7	29	<1	24.1	<0.1
70000e 3800n	142	1.7	9	<1	1.0	<0.1
70000e 3825n	116	1.0	18	<1	4.9	<0.1
70000e 3850n	115	0.4	12	<1	24.6	<0.1
70000e 3875n	250	3.0	63	<1	13.7	<0.1
9500e 3750n	143	2.2	36	<1	10.6	<0.1
9500e 3775n	395	3.0	51	<1	66.6	<0.1
9500e 3800n	184	2.4	40	<1	24.0	<0.1
9500e 3825n	123	2.1	27	<1	21.9	<0.1
9500e 3850n	276	3.2	37	<1	15.2	<0.1
9500e 3875n	318	2.3	111	<1	33.6	<0.1
9500e 3900n	151	4.6	126	<1	11.0	<0.1
9500e 3925n	113	10.1	143	<1	21.4	<0.1
9500e 3950n	100	8.2	319	<1	21.1	<0.1
9500e 3975n	191	1.7	227	<1	44.0	<0.1
9500e 4000n	173	2.1	24600	2	18.7	<0.1
9500e 4025n	149	6.1	151	<1	37.0	<0.1
9500e 4050n	179	9.7	100	<1	24.3	<0.1
9500e 4075n	146	6.3	55	<1	23.5	<0.1
9500e 4100n	106	6.0	47	<1	23.8	<0.1
9500e 4125n	147	4.8	37	<1	24.2	<0.1
9500e 4150n	172	4.1	42	<1	40.1	<0.1
9500e 4175n	145	7.0	29	<1	32.5	<0.1
9500e 4200n	115	3.8	34	<1	20.3	<0.1
9500e 4225n	138	4.7	20	<1	9.7	<0.1
9500e 4250n	105	10.8	95	<1	18.1	<0.1
9500e 4275n	137	2.8	33	<1	23.1	<0.1
9500e 4300n	262	4.1	77	<1	50.4	<0.1
9500e 4325n	182	8.1	47	<1	51.6	<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 / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9500e 4350n	286	2.2	34	<1	28.0	<0.1
9500e 4375n	274	2.7	55	<1	33.4	<0.1
9600e 3750n	379	2.6	199	<1	73.5	<0.1
9600e 3775n	226	4.2	197	<1	28.8	<0.1
9600e 3800n	88	3.0	88	<1	14.9	<0.1
9600e 3825n	146	2.2	33	<1	36.4	<0.1
9600e 3850n	262	3.4	60	<1	49.1	<0.1
9600e 3875n	186	4.4	109	<1	43.0	<0.1
9600e 3900n	133	1.9	64	<1	16.0	<0.1
9600e 3925n	101	1.6	189	<1	30.4	<0.1
9600e 3950n	184	3.6	334	<1	30.4	<0.1
9600e 3975n	107	4.8	103	<1	30.3	<0.1
9600e 4000n	227	4.1	82	<1	19.3	<0.1
9600e 4025n	99	3.4	47	<1	14.5	<0.1
9600e 4050n	136	7.3	41	<1	18.1	<0.1
9600e 4075n	178	5.7	74	<1	19.0	<0.1
9600e 4100n	263	5.2	34	<1	27.9	<0.1
9600e 4125n	258	4.3	108	<1	29.7	<0.1
9600e 4150n	395	0.9	7	<1	25.1	<0.1
9600e 4175n	245	4.0	22	<1	5.4	<0.1
9600e 4200n	170	8.5	24	<1	12.2	<0.1
9600e 4225n	127	7.0	26	<1	3.5	<0.1
9600e 4250n	165	5.8	92	<1	8.6	<0.1
9600e 4275n	178	3.1	47	<1	30.1	<0.1
9600e 4300n	235	1.9	46	<1	45.3	<0.1
9600e 4325n	304	1.3	46	<1	62.5	<0.1
9600e 4350n	153	5.0	36	<1	6.4	<0.1
9600e 4375n	244	2.9	50	<1	36.3	<0.1
9700e 3750n	167	3.6	64	<1	46.1	<0.1
9700e 3775n	132	4.7	30	<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 / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9700e 3800n	195	4.9	38	<1	52.6	<0.1
9700e 3825n	210	4.6	46	<1	22.0	<0.1
9700e 3850n	220	4.2	29	<1	16.9	<0.1
9700e 3875n	282	1.2	26	<1	15.8	<0.1
9800e 3750n	266	6.6	141	<1	51.1	<0.1
9800e 3775n	75	5.7	66	<1	22.1	<0.1
9800e 3800n	203	3.6	66	<1	34.4	<0.1
9800e 3825n	130	1.6	24	<1	11.2	<0.1
9800e 3850n	150	1.6	9	<1	28.6	<0.1
9800e 3875n	242	0.4	20	<1	27.0	<0.1
9900e 3750n	340	5.1	31	<1	39.2	<0.1
9900e 3775n	225	1.6	36	<1	39.0	<0.1
9900e 3800n	247	0.8	5	<1	6.7	<0.1
9900e 3825n	116	1.0	6	<1	13.3	<0.1
9900e 3850n	127	0.8	<5	<1	8.2	<0.1
9900e 3875n	83	1.7	12	<1	2.2	<0.1
*Std SRM26	173	0.4	1100	7	44.2	3.2
*Rep 9800e 3775n	74	5.9	67	<1	23.2	<0.1
*Rep 9900e 3775n	229	1.5	33	<1	38.9	<0.1
*Blk BLANK	<5	0.1	<5	<1	<0.5	<0.1
*Blk BLANK	<5	0.1	<5	<1	<0.5	<0.1
*Rep 9500e 3900n	137	4.5	117	<1	10.8	<0.1
*Rep 9600e 3750n	286	2.7	135	<1	64.5	<0.1
*Rep 9600e 4125n	257	4.3	104	<1	30.1	<0.1
*Std AMIS0841	372	1.2	290	1	280	0.2
*Rep 9500e 4000n	155	2.3	25000	3	18.0	<0.1
*Std AMIS0841	322	0.9	251	<1	164	<0.1
*Blk BLANK	<5	<0.1	11	<1	<0.5	<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 / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
70000e 3750n	58	<0.5	19	32	<1	2240
70000e 3775n	76	<0.5	17	30	<1	2140
70000e 3800n	108	<0.5	14	2	<1	1990
70000e 3825n	68	<0.5	13	9	<1	2240
70000e 3850n	113	<0.5	16	36	<1	2830
70000e 3875n	105	<0.5	24	19	<1	2810
9500e 3750n	44	<0.5	19	13	<1	2670
9500e 3775n	53	<0.5	75	87	<1	2200
9500e 3800n	40	<0.5	26	34	<1	2960
9500e 3825n	21	<0.5	29	27	<1	3140
9500e 3850n	25	<0.5	21	23	<1	3090
9500e 3875n	29	<0.5	48	36	<1	2540
9500e 3900n	48	<0.5	35	12	<1	2660
9500e 3925n	48	<0.5	52	21	<1	2030
9500e 3950n	63	<0.5	66	19	<1	1480
9500e 3975n	52	<0.5	33	50	<1	2140
9500e 4000n	73	<0.5	41	18	<1	1250
9500e 4025n	69	<0.5	82	38	<1	1500
9500e 4050n	29	<0.5	65	25	<1	2390
9500e 4075n	56	<0.5	79	29	<1	1820
9500e 4100n	36	<0.5	56	27	<1	2060
9500e 4125n	73	<0.5	56	28	<1	2320
9500e 4150n	68	<0.5	60	44	<1	1770
9500e 4175n	48	<0.5	51	42	<1	2710
9500e 4200n	44	<0.5	46	21	<1	2100
9500e 4225n	30	<0.5	33	12	<1	2760
9500e 4250n	6	<0.5	84	17	<1	1980
9500e 4275n	41	<0.5	43	26	<1	1880
9500e 4300n	46	<0.5	76	53	<1	1950
9500e 4325n	33	<0.5	63	60	<1	1790

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9500e 4350n	53	<0.5	36	37	<1	2560
9500e 4375n	44	<0.5	66	38	<1	1910
9600e 3750n	48	<0.5	60	92	<1	2520
9600e 3775n	43	<0.5	51	29	<1	1810
9600e 3800n	46	<0.5	32	16	<1	2310
9600e 3825n	49	<0.5	35	42	<1	2150
9600e 3850n	53	<0.5	48	56	<1	1730
9600e 3875n	44	<0.5	42	48	<1	2120
9600e 3900n	33	<0.5	20	18	<1	2400
9600e 3925n	37	<0.5	29	34	<1	2280
9600e 3950n	57	<0.5	37	31	<1	1960
9600e 3975n	81	<0.5	57	35	<1	1770
9600e 4000n	34	<0.5	34	27	<1	2620
9600e 4025n	31	<0.5	22	15	<1	2770
9600e 4050n	27	<0.5	30	22	<1	2260
9600e 4075n	31	<0.5	59	25	<1	1830
9600e 4100n	70	<0.5	29	43	<1	2230
9600e 4125n	72	<0.5	99	44	<1	2220
9600e 4150n	75	<0.5	37	29	<1	4130
9600e 4175n	79	<0.5	22	9	<1	2900
9600e 4200n	56	<0.5	66	16	<1	1860
9600e 4225n	42	<0.5	30	5	<1	3250
9600e 4250n	42	<0.5	104	10	<1	2550
9600e 4275n	89	<0.5	38	36	<1	3480
9600e 4300n	31	<0.5	25	51	<1	3660
9600e 4325n	67	<0.5	47	61	<1	3580
9600e 4350n	40	<0.5	20	9	<1	2620
9600e 4375n	19	<0.5	27	43	<1	2830
9700e 3750n	33	<0.5	52	47	<1	2720
9700e 3775n	15	<0.5	24	27	<1	2170

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9700e 3800n	45	<0.5	60	53	<1	1750
9700e 3825n	48	<0.5	39	27	<1	2480
9700e 3850n	57	<0.5	23	27	<1	2260
9700e 3875n	64	<0.5	22	24	<1	2400
9800e 3750n	36	<0.5	75	53	<1	2250
9800e 3775n	68	<0.5	34	27	<1	2310
9800e 3800n	64	<0.5	24	53	<1	3020
9800e 3825n	103	<0.5	14	15	<1	4150
9800e 3850n	42	<0.5	14	48	<1	2260
9800e 3875n	66	<0.5	20	40	<1	4000
9900e 3750n	61	<0.5	20	51	<1	1860
9900e 3775n	63	<0.5	23	47	<1	2310
9900e 3800n	63	<0.5	17	10	<1	2640
9900e 3825n	94	<0.5	21	17	<1	2670
9900e 3850n	113	<0.5	9	14	<1	2820
9900e 3875n	85	<0.5	9	3	<1	2580
*Std SRM26	201	<0.5	37	43	<1	1860
*Rep 9800e 3775n	76	<0.5	37	28	<1	2220
*Rep 9900e 3775n	60	<0.5	20	47	<1	2320
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Blk BLANK	<1	<0.5	<5	<1	<1	<10
*Rep 9500e 3900n	49	<0.5	34	12	<1	2610
*Rep 9600e 3750n	50	<0.5	53	74	<1	2490
*Rep 9600e 4125n	79	<0.5	99	41	<1	2150
*Std AMIS0841	1500	3.1	989	399	<1	80
*Rep 9500e 4000n	70	<0.5	43	18	<1	1220
*Std AMIS0841	1230	2.4	908	250	<1	60
*Blk BLANK	<1	<0.5	<5	<1	<1	<10

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
70000e 3750n	<1	4.1	<10	29.3	20	0.4
70000e 3775n	<1	4.1	<10	29.0	30	0.2
70000e 3800n	<1	0.4	<10	3.0	20	0.3
70000e 3825n	<1	1.2	<10	5.5	20	0.4
70000e 3850n	<1	5.0	<10	21.6	<10	0.5
70000e 3875n	<1	2.6	<10	23.2	40	0.2
9500e 3750n	<1	2.4	<10	7.3	20	<0.1
9500e 3775n	<1	14.8	<10	32.4	50	<0.1
9500e 3800n	<1	5.3	<10	15.7	20	0.1
9500e 3825n	<1	4.4	<10	9.4	10	<0.1
9500e 3850n	<1	4.3	<10	6.0	10	<0.1
9500e 3875n	<1	5.8	<10	19.5	60	0.1
9500e 3900n	<1	1.8	<10	13.1	50	<0.1
9500e 3925n	<1	3.4	<10	17.4	130	0.1
9500e 3950n	<1	3.2	<10	29.0	320	0.2
9500e 3975n	<1	7.2	<10	23.9	30	0.1
9500e 4000n	<1	2.7	<10	8.4	30	0.1
9500e 4025n	<1	6.1	<10	25.2	180	<0.1
9500e 4050n	<1	3.7	<10	25.6	210	<0.1
9500e 4075n	<1	4.7	<10	14.9	160	<0.1
9500e 4100n	<1	3.6	<10	13.4	120	<0.1
9500e 4125n	<1	4.3	<10	11.5	90	0.2
9500e 4150n	<1	6.9	<10	15.7	70	<0.1
9500e 4175n	<1	6.5	<10	18.1	80	0.1
9500e 4200n	<1	3.1	<10	18.9	80	<0.1
9500e 4225n	<1	1.8	<10	8.1	70	<0.1
9500e 4250n	<1	2.6	<10	24.3	350	<0.1
9500e 4275n	<1	4.2	<10	25.4	70	0.1
9500e 4300n	<1	8.0	<10	40.5	160	0.2
9500e 4325n	<1	8.7	<10	33.6	130	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 / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9500e 4350n	<1	5.4	<10	33.6	40	0.1
9500e 4375n	<1	5.6	<10	34.6	130	<0.1
9600e 3750n	<1	15.2	<10	24.7	70	<0.1
9600e 3775n	<1	4.5	<10	22.0	80	<0.1
9600e 3800n	<1	2.5	<10	13.4	50	<0.1
9600e 3825n	<1	6.6	<10	21.9	40	0.1
9600e 3850n	<1	7.8	<10	28.3	70	<0.1
9600e 3875n	<1	7.0	<10	23.2	80	<0.1
9600e 3900n	<1	2.5	<10	16.4	20	<0.1
9600e 3925n	<1	4.6	<10	16.6	20	<0.1
9600e 3950n	<1	4.9	<10	16.7	40	<0.1
9600e 3975n	<1	5.7	<10	14.7	120	<0.1
9600e 4000n	<1	4.8	<10	9.5	60	<0.1
9600e 4025n	<1	2.1	<10	10.5	40	<0.1
9600e 4050n	<1	3.6	<10	8.6	70	<0.1
9600e 4075n	<1	4.4	<10	16.6	120	0.1
9600e 4100n	<1	6.6	<10	13.6	60	0.2
9600e 4125n	<1	7.7	<10	18.9	150	0.1
9600e 4150n	<1	4.2	<10	21.5	10	0.2
9600e 4175n	<1	1.6	<10	5.5	40	0.2
9600e 4200n	<1	2.2	<10	11.7	160	0.1
9600e 4225n	<1	0.8	<10	4.3	60	<0.1
9600e 4250n	<1	2.0	<10	9.4	150	0.2
9600e 4275n	<1	5.5	<10	26.4	70	0.2
9600e 4300n	<1	7.0	<10	28.9	30	<0.1
9600e 4325n	<1	9.2	<10	46.4	70	<0.1
9600e 4350n	<1	1.4	<10	6.7	50	0.1
9600e 4375n	<1	6.2	<10	31.7	80	<0.1
9700e 3750n	<1	6.9	<10	22.4	100	<0.1
9700e 3775n	<1	3.8	<10	12.8	60	<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 / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9700e 3800n	<1	7.5	<10	33.0	150	<0.1
9700e 3825n	<1	4.7	<10	11.9	60	<0.1
9700e 3850n	<1	4.6	<10	12.5	40	<0.1
9700e 3875n	<1	3.8	<10	16.6	20	0.1
9800e 3750n	<1	8.4	<10	43.5	350	0.1
9800e 3775n	<1	4.1	<10	10.3	90	0.1
9800e 3800n	<1	9.3	<10	21.5	50	0.1
9800e 3825n	<1	2.2	<10	10.8	10	0.3
9800e 3850n	<1	6.6	<10	25.2	20	0.2
9800e 3875n	<1	6.3	<10	29.5	10	0.2
9900e 3750n	<1	6.7	<10	34.5	50	0.1
9900e 3775n	<1	5.4	<10	65.0	60	0.1
9900e 3800n	<1	1.6	<10	10.8	20	0.2
9900e 3825n	<1	2.3	<10	13.6	20	0.4
9900e 3850n	<1	1.6	<10	8.5	20	0.4
9900e 3875n	<1	0.6	<10	2.8	20	0.2
*Std SRM26	<1	4.6	<10	35.5	20	0.6
*Rep 9800e 3775n	<1	4.1	<10	10.3	140	<0.1
*Rep 9900e 3775n	<1	5.4	<10	65.6	40	0.2
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<0.1
*Blk BLANK	<1	<0.1	<10	0.6	<10	<0.1
*Rep 9500e 3900n	<1	1.8	<10	13.4	50	<0.1
*Rep 9600e 3750n	<1	11.8	<10	26.7	60	<0.1
*Rep 9600e 4125n	<1	7.4	<10	18.9	130	<0.1
*Std AMIS0841	<1	64.5	<10	312	<10	1.6
*Rep 9500e 4000n	<1	2.7	<10	8.4	30	0.1
*Std AMIS0841	<1	45.6	<10	239	<10	1.7
*Blk BLANK	<1	<0.1	<10	<0.5	<10	<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 / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
70000e 3750n	45.3	0.9	114	8.1	40	48
70000e 3775n	15.4	0.5	128	9.8	210	56
70000e 3800n	9.4	<0.5	16	1.7	140	26
70000e 3825n	66.1	<0.5	31	3.0	380	26
70000e 3850n	86.0	<0.5	137	11.8	80	74
70000e 3875n	18.3	0.7	70	5.7	1040	59
9500e 3750n	18.4	1.0	77	6.3	400	33
9500e 3775n	26.3	0.6	497	43.6	330	117
9500e 3800n	15.3	<0.5	161	12.1	500	40
9500e 3825n	19.3	<0.5	146	12.4	500	52
9500e 3850n	17.7	<0.5	142	12.1	350	33
9500e 3875n	17.8	<0.5	174	15.7	340	94
9500e 3900n	9.7	<0.5	48	4.0	640	47
9500e 3925n	10.6	0.5	90	7.5	1600	122
9500e 3950n	12.0	0.6	83	7.1	2020	292
9500e 3975n	14.7	<0.5	225	19.3	420	77
9500e 4000n	22.2	<0.5	143	14.4	13100	64
9500e 4025n	15.9	<0.5	176	14.8	3580	204
9500e 4050n	15.4	0.6	100	8.3	610	142
9500e 4075n	18.4	<0.5	133	11.5	650	141
9500e 4100n	10.2	<0.5	105	8.2	390	121
9500e 4125n	7.2	<0.5	139	11.9	1300	93
9500e 4150n	18.2	<0.5	201	18.2	2050	127
9500e 4175n	23.3	<0.5	204	15.9	440	129
9500e 4200n	11.2	<0.5	83	6.2	300	86
9500e 4225n	9.2	<0.5	52	3.5	690	40
9500e 4250n	12.7	<0.5	75	5.7	360	201
9500e 4275n	28.1	<0.5	108	8.1	340	78
9500e 4300n	34.3	0.5	240	19.9	390	226
9500e 4325n	18.6	0.5	255	22.2	110	177

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9500e 4350n	36.6	0.6	162	13.5	70	83
9500e 4375n	18.6	<0.5	158	13.9	290	128
9600e 3750n	17.3	<0.5	451	37.0	870	98
9600e 3775n	9.2	<0.5	124	10.3	1130	93
9600e 3800n	5.4	<0.5	69	5.2	260	67
9600e 3825n	8.5	<0.5	185	14.8	250	82
9600e 3850n	19.5	<0.5	226	18.7	830	87
9600e 3875n	19.9	<0.5	198	16.4	930	110
9600e 3900n	11.3	<0.5	76	5.3	700	48
9600e 3925n	17.2	<0.5	137	9.4	630	72
9600e 3950n	14.8	<0.5	143	11.1	1070	97
9600e 3975n	13.5	<0.5	177	13.1	1320	153
9600e 4000n	10.0	<0.5	173	13.9	1100	85
9600e 4025n	9.6	<0.5	61	4.3	530	63
9600e 4050n	28.7	<0.5	105	7.5	420	62
9600e 4075n	40.5	<0.5	135	11.9	1080	129
9600e 4100n	55.6	<0.5	212	16.6	330	84
9600e 4125n	43.7	0.5	261	23.3	200	127
9600e 4150n	234	<0.5	204	22.2	180	55
9600e 4175n	17.6	<0.5	51	3.5	480	21
9600e 4200n	6.5	<0.5	61	4.2	810	59
9600e 4225n	11.0	<0.5	21	1.4	560	25
9600e 4250n	12.3	<0.5	68	5.9	2100	60
9600e 4275n	15.1	<0.5	138	11.2	130	78
9600e 4300n	28.1	<0.5	218	16.3	90	83
9600e 4325n	23.9	<0.5	279	20.9	480	141
9600e 4350n	13.7	<0.5	40	2.8	900	24
9600e 4375n	11.9	<0.5	157	12.4	150	67
9700e 3750n	15.2	<0.5	187	13.0	340	130
9700e 3775n	11.9	<0.5	101	6.7	270	60

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



Order Number
Submission Number
Number of Samples

PO:
PEACOCK / 76 Soils
76

ANALYSIS REPORT BBM24-40226

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
Client Sample ID						
9700e 3800n	17.4	0.5	220	15.9	330	126
9700e 3825n	17.4	0.5	149	10.9	2270	83
9700e 3850n	18.9	<0.5	133	9.3	380	35
9700e 3875n	60.3	<0.5	126	8.1	180	39
9800e 3750n	25.6	0.8	231	18.4	460	229
9800e 3775n	18.1	<0.5	128	9.5	340	74
9800e 3800n	26.9	<0.5	296	24.5	220	69
9800e 3825n	66.9	<0.5	66	4.8	370	32
9800e 3850n	82.6	0.7	200	13.9	50	82
9800e 3875n	192	1.5	230	19.2	50	94
9900e 3750n	32.4	0.7	187	12.9	150	62
9900e 3775n	31.4	<0.5	147	9.6	210	75
9900e 3800n	19.8	<0.5	58	5.3	1080	25
9900e 3825n	67.2	<0.5	86	9.6	90	49
9900e 3850n	154	<0.5	42	3.4	40	48
9900e 3875n	19.0	<0.5	22	1.5	20	19
*Std SRM26	34.6	<0.5	134	6.4	320	38
*Rep 9800e 3775n	19.3	<0.5	129	9.4	470	91
*Rep 9900e 3775n	34.0	<0.5	145	9.4	190	71
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2
*Rep 9500e 3900n	8.7	<0.5	47	3.8	680	49
*Rep 9600e 3750n	16.1	<0.5	341	27.6	700	104
*Rep 9600e 4125n	42.6	<0.5	259	22.2	100	125
*Std AMIS0841	334	1.7	2250	294	770	310
*Rep 9500e 4000n	21.2	<0.5	143	13.3	12800	65
*Std AMIS0841	333	1.2	1640	269	630	222
*Blk BLANK	<0.5	<0.5	<1	<0.2	<10	<2

THE END OF THE REPORT

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