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SOIL GEOCHEMICAL SURVEY AND PROSPECTING REPORT

FOR THE ST. LAURENT PROPERTY OF

PANCONTINENTAL RESOURCES CORPORATION

ST. LAURENT TWP.

LARDER LAKE MINING DIVISION

ONTARIO

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Table 1: Outlier Thresholds for each element of interest quantified by soil geochemical survey on Pancontinental Resources Corporation's St. Laurent property.

Summary:

On June 15, 2019 and September 23, 2019, Pancontinental Resources Corporation, completed an orientation-type soil survey, and minor geological mapping and sampling on its St Laurent project, situated in St. Laurent township of the Larder Lake Mining Division. The soil survey consisted of best-effort B horizon sampling, with samples collected at 25 m spacing along virtual GPS grid lines that themselves were spaced at intervals of 100 m. A total of 47 soil samples were collected. The purpose of the soil geochemical survey was to attempt to confirm historical results from a previous exploration company, thereby confirming the effectiveness of the exploration technique for more widespread application across the property in the future. Known anomalous Ni-Cu mineralization from historical drilling would also be evaluated as an orientation survey type evaluation.

Geological mapping and sampling were completed over two select areas of the St. Laurent Property. The purpose of the mapping was to confirm the major rock units in the area adjacent to the historical anomalous Ni-Cu mineralization reported in drilling, and at a second location to locate and sample an historical poorly documented gold occurrence. A total of 10 grab samples and 2 heavy mineral concentrates were collected from these areas.

Introduction:

Property Description:

Pancontinental Resources Corporation's (PUC) St. Laurent Property (i.e., the property) consists of 209 claim units (App. A: Tab. 1) in St. Laurent township, Larder Lake Mining Division, District of Cochrane, Ontario. The Property is located 110 kilometers east-northeast of Cochrane, Ontario (Fig. 1). The work described in this report is below the threshold of activities which require an Exploration Plan or Permit.

Property Access:

The property was accessed by helicopter (Expedition Helicopters Inc.) based out of Cochrane, ON. A suitable landing site was located near the sampling areas (UTM: NAD83 17U 603442E 5469377N).

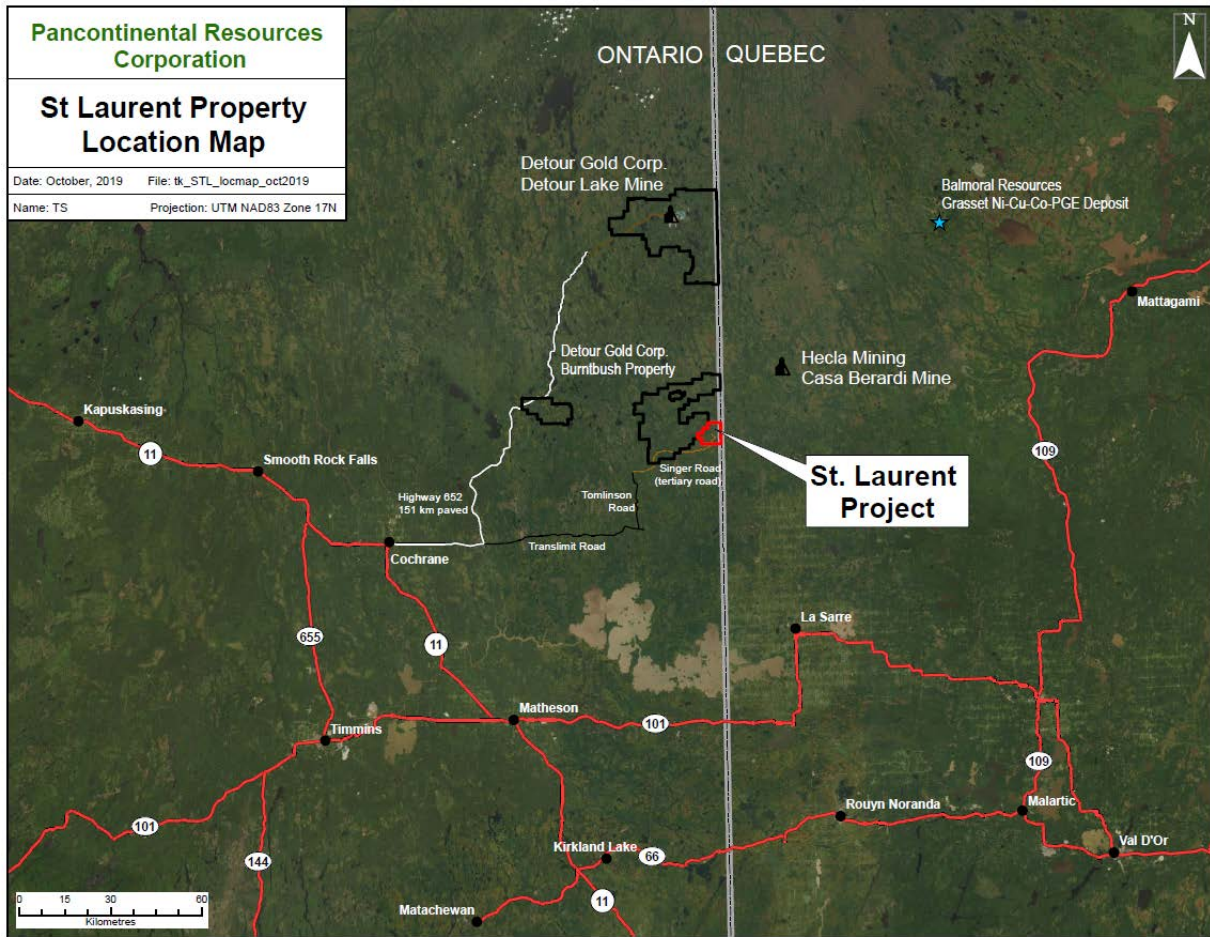


Figure 1: The location of Pancontinental Resources Corporation’s St. Laurent property. The property boundary is indicated by the red polygon.

Regional Geology:

The St. Laurent Project is situated within the Burntbrush Area of the Abitibi greenstone belt of Ontario. The Burntbrush Area is bounded to the north and the west by a massive granitoid intrusions of the Opitaca Subprovince. It is bounded to the south by Case and Mistawak batholith. The Burntbrush assemblages continue east into Quebec. The Burntbrush area is made up of the Adair, Noseworthy, Blakelock, Bradette and St. Laurent assemblages.

The St. Laurent assemblage, within which the project is located consists of a mixture of tholeiitic basalts and andesites. The units are rich in iron and magnesium. The volcanic units are massive, pillowed, feldspar-megacrystic or fragmental. There are minor ultramafic units present

in the assemblage. Pillowed basalts in the western end of the assemblage dip steeply facing south. The pillowed basalts in the eastern end of the assemblage face north and east.

The Adair assemblage is composed of a mixture of tholeiitic basaltic metavolcanics, and calc alkalic intermediate to felsic meta-volcanics. The basalts include massive, amygdaloidal, pillowed and coarse grained (1 to 3 cm) feldspar-megacrystic flows. The intermediate to felsic meta-volcanics include quartz- and feldspar-phyric, massive flows and fragmental rocks. The assemblage trends northwest-southeast crossing into Quebec. Structures (penetrative foliation) strike northwesterly, parallel to the overall trend of the assemblage. Regional metamorphism is generally, within the upper green-schist/lower amphibolite facies. The Adair assemblage is on strike with the past producing Norrmatal Mine, a volcanogenic massive sulphide base metal deposit (Cu-Zn). This was hosted within the felsic volcanic horizon. The Bradette assemblage is composed of calc-alkalic dacitic and rhyolitic tuffs and breccias, with flows interlayered with carbonaceous metasedimentary units.

Economic Geology:

The St. Laurent Project does not host concentrations of minerals which could classified the resource or reserve categories. Limited geological mapping, geophysical surveys and brief diamond drill programs encompass much of the past work. The nature of such previous exploration work is classified as grass roots type work.

The Detour Lake Gold Mine (115.8 Mt @ 1.13 g/t measured and indicated) is situated 72 km north of the St. Laurent Property in the Sunday Lake assemblage. Detour Gold Corporation also holds a significant land position north and west of the St. Laurent project extending across parts of several townships. Aurelius Minerals Inc. holds the Mikwam Deposit (1.81Mt @ 2.34 g/t, inferred), a gold property approximately 18 km N/NW of St. Laurent project, Tri Origin Exploration Ltd. the North Abitibi property gold exploration property 30 km NW, and Lasalle Exploration Corp. holds their recently acquired gold exploration property (Blakelock property) 40 km W/NW of the St. Laurent project. Hecla Mining Company operates the Casa Berardi gold mine (23.743 Tons @ .08 oz/ton, proven & probable), which is located 33 km NE of the St. Laurent Project in Quebec.

Property History:

1965 - Rio Tinto Canadian Exploration Ltd.

A largescale program of ground geophysics including magnetic, electromagnetic, and gravity surveys were completed. These surveys took place in the Hurtubise, Bradette, Noseworthy and St. Laurent townships.

1965-1966 - R. S. Gray

Performed airborne electromagnetic surveys, ground based magnetometer surveys and geological mapping within the central area of the current property. Seven drill holes totalling approximately 777 meters (3548') were drilled within this surveyed area. Drill logs for these holes do not include assay results; however, intersections were recovered from cross sections which indicated that a 24 m wide zone of nickel-copper-sulphide (0.47% nickel and 0.36% copper) was identified during the program. Additionally, it is suggested in assessment reports that Asarco Exploration Company of Canada optioned the property and completed an additional six holes. These hole locations are indicated on an Asarco geological map, but drill logs were not retained.

1970 - Asarco Exploration Company of Canada Ltd.

Drilled four diamond drill holes, totalling approximately 411 meters (1350'), throughout the southern extent of the property following electromagnetic and magnetometer surveys over the area. These holes were planned to test weak horizontal loop anomalies. However, the geological report described the holes as, "extremely disappointing as very little mineralization was encountered." The author goes on to state that, ". . . the Andesite-Diorite Complex, contains disseminated and massive nickeliferous pyrrhotite, chalcopyrite mineralization. The grade of this mineralization approaches economical values, but the deposit is far too small to be considered economic. Deep diamond drilling could improve this picture."

1983 - Newmont Exploration Canada Ltd.

Flew electromagnetic and magnetometer surveys over a 481 line-kilometer grid over Hurtubise and St. Laurent townships, cover much of the northern extent of the current property. Detailed geological mapping was also completed following interpretation of these surveys. The electromagnetic survey detected a bedrock type conductor directly associated with a well isolated magnetic high, located near the most North-western boundary of the current property. It was suggested that the anomaly should be further examined for possible gold and sulphide mineralisation given its similarity to the geological setting of Detour Gold.

1986 - Glen Auden Resources Ltd.

Flew a 456.17 line-kilometer electromagnetic and magnetometer surveys over the Bradette and St. Laurent Townships which included the northern 2/3 of the current property. The survey outlined several discrete bedrock conductors which were believed to warrant further investigation. Follow-up diamond drilling occurred in 1988.

1987 - Abagold Resources Ltd.

Commissioned Questor Surveys Ltd. to conduct airborne magnetic and MARK VI INPUT surveys over an area contained to the northwestern aspect of the current property (along the most North-western property boundary). Three definite bedrock targets were identified and were recommended as targets for follow-up line-cutting and ground geophysics to locate to better define these anomalies.

1987 - Orsina Resources Ltd.

Approximately 69.17 kilometer (42.98 mi) of gridline was cut to facilitate magnetometer and induced polarization surveys over 36 claims that include a small northwesterly section of the current property. These surveys identified anomalies that led to follow-up diamond drilling, although this occurred beyond the current property boundaries.

1987 - Noranda Exploration

Commissioned Questor Surveys Ltd. to conduct an aeromagnetic survey over a large land package, approximately 2390 line-kilometers (1485 line-mi), that included the nearly the entire extent of the current property (excluded some southern units). The results of the survey suggested that two iron formations, within close proximity, dominated the magnetic data in the map area and were the only rock units that can be inferred.

1988 - Tarzan Gold Inc.

Performed electromagnetic, induced polarization, and magnetometer surveys over an area that includes small northern sections of the property (central and eastern areas in the northern most extent, claims were not contiguous). These surveys identified targets for follow-up diamond drilling, although this occurred over a kilometer of the current property boundary.

1988 - Glen Auden Resources Ltd.

Completed four diamond drill holes (419.8 m) based on targets from their 1986 surveys, as well as from surveys conducted by Tarzan Gold Inc in the same year (1988). Of these four holes, only one was drilled on the current property (TCH88-04; 105 m) to follow up on a weak IP chargeability anomaly. This hole reportedly intersected intermediate to mafic/ultramafic porphyritic flows containing minor interflow metasedimentary rocks; producing no significant assay results.

2004 - Falconbridge Ltd.

Conducted electromagnetic and magnetometer surveys a large central region of the current property. A more detailed airborne follow-up, using Geotech's VTEM system, was completed over targets selected from the broad survey.

2006 - Falconbridge Ltd.

A prospecting program was planned to follow-up on anomalies from their 2004 surveys. No significant mineralization among samples that were collected away from historical showings were reported.

2007 - Eastmain Resources Inc.

Commissioned Fugro Airborne Surveys to complete electromagnetic and magnetometer surveys over a large central region of the current property. Survey results indicated a strong magnetic and electromagnetic body that was interpreted as being a possible broad body.

2008 - Eastmain Resources Inc.

Commissioned EDS Drilling Services for a follow-up diamond drill program (3 holes, 603.9 m) to test the anomalous features identified during their 2007 surveys, while also attempting to confirm the mineralization intersected by Asarco in 1970. Their hope was that, “better geophysical techniques coupled with improved analytical procedures would help to better define an economical deposit.” Their drilling and assay results reportedly confirmed the presence of a broad low-grade nickel copper mineralized zone within a meta-basalt, that requires more work to demonstrate its economic potential.

Ontario Government:

The Ontario Geological Survey, and its previous entities, have completed several regional type geological and geophysical surveys which include the St. Laurent property. A listing of these programs includes:

- ARV27 - Twenty Seventh Annual Report of the Ontario Bureau of Mines, 1918
- ARV45-06 - Forty Fifth Annual Report of the Ontario Department of Mines, 1936, Part VI
- OFR5279 - Geology of the Burntbush- Detour Lakes Area-1979
- P0373 - Burntbush River Sheet
- Map2452 - Burntbush-Detour Lakes, 1981
- P1558 - Preliminary Map, St, Laurent Twp., 1978
- P2243 - Preliminary Map Burntbush-Detour Lake Area (Southern Part)

Soil Geochemical Survey:

Purpose:

Asarco completed geological mapping using cut grid lines over an extensive area in 1971 that identified individual outcrops with considerable detail (see Assessment Report KL 0162). In their report they included the following brief description of two lines of geochemical traverses on the St. Laurent Property,

A series of experimental geochemical traverses were conducted in the centre of the property where outcrops are abundant. The results are given in Figs. 1 and 2. It is of interest to note that there is a very distinct increase in copper and nickel concentrations in the immediate vicinity of the andesite-diorite complex contact zone, in unweathered rock chip samples collected from each side of the contact. This data could indicate an exploration tool in searching out the sulphide bearing contact,

These Asarco survey results indicate a pronounced nickel-copper response on the two survey lines (L4E and L8E, see Fig. 3 & 4).

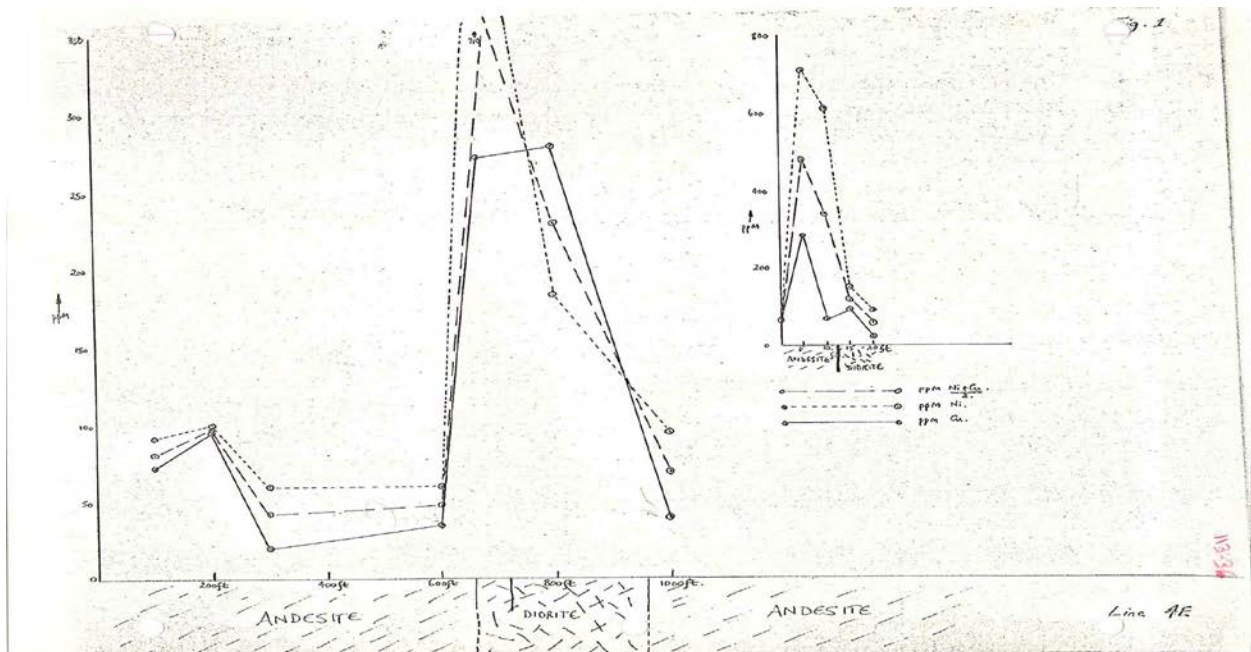


Figure 2 Asarco soil Geochem results for Line 4E (Assessment Report KL 0162). (Geo referenced UTM: NAD83 17U 603769E 5468926N to 603906E 5469560N).

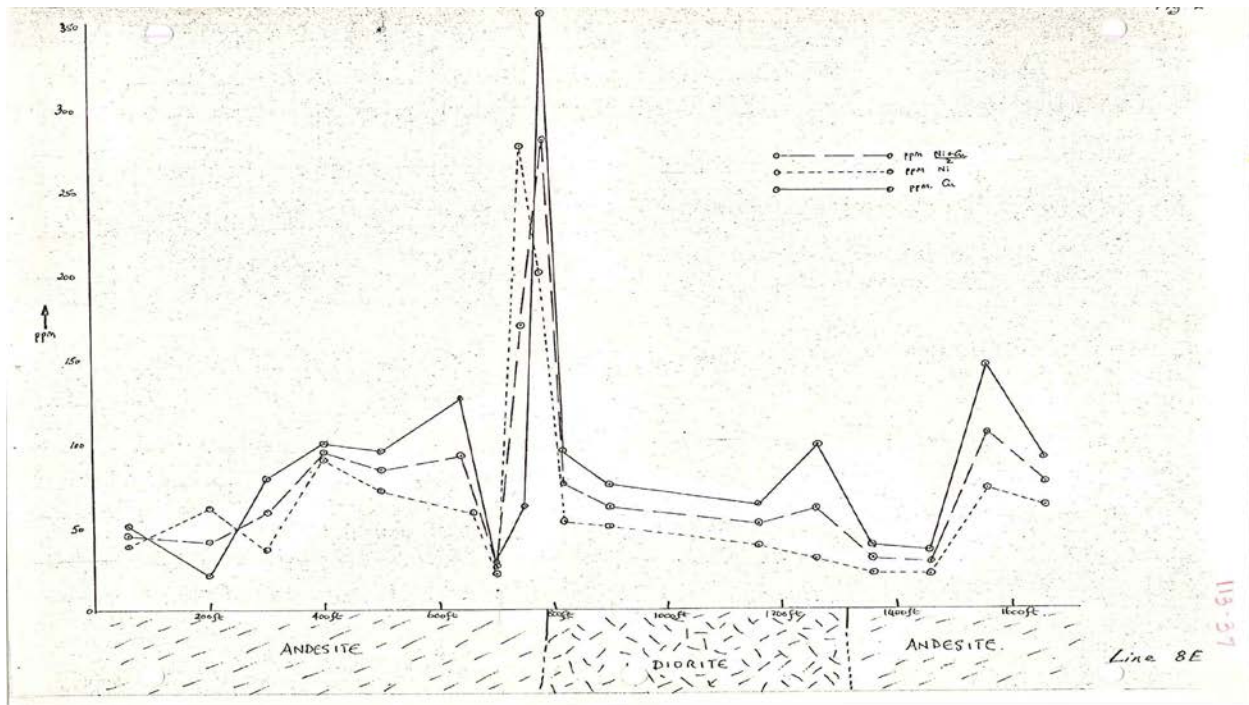


Figure 3: Asarco soil Geochem results for Line 8E (Assessment Report KL 0162) (Geo referenced UTM: NAD83 17U 603877E 5468825N to 604007E 5469456N).

It was assumed that Asarco would have completed the two Geochem test lines across the area where previous drilling (Gray / Asarco 1965 -1966) had identified anomalous nickel-copper mineralization; given that the correlation of known mineralization, coupled with a positive soil Geochem response, would provide an exceptional exploration tool for future work. The PUC soil survey was therefore planned to duplicate the Geochem results from the two Asarco lines, and extend the Geochem anomaly over a larger area. The resulting PUC soil Geochem grid can be found in Figure 4, which also shows the location of the Asarco grid.

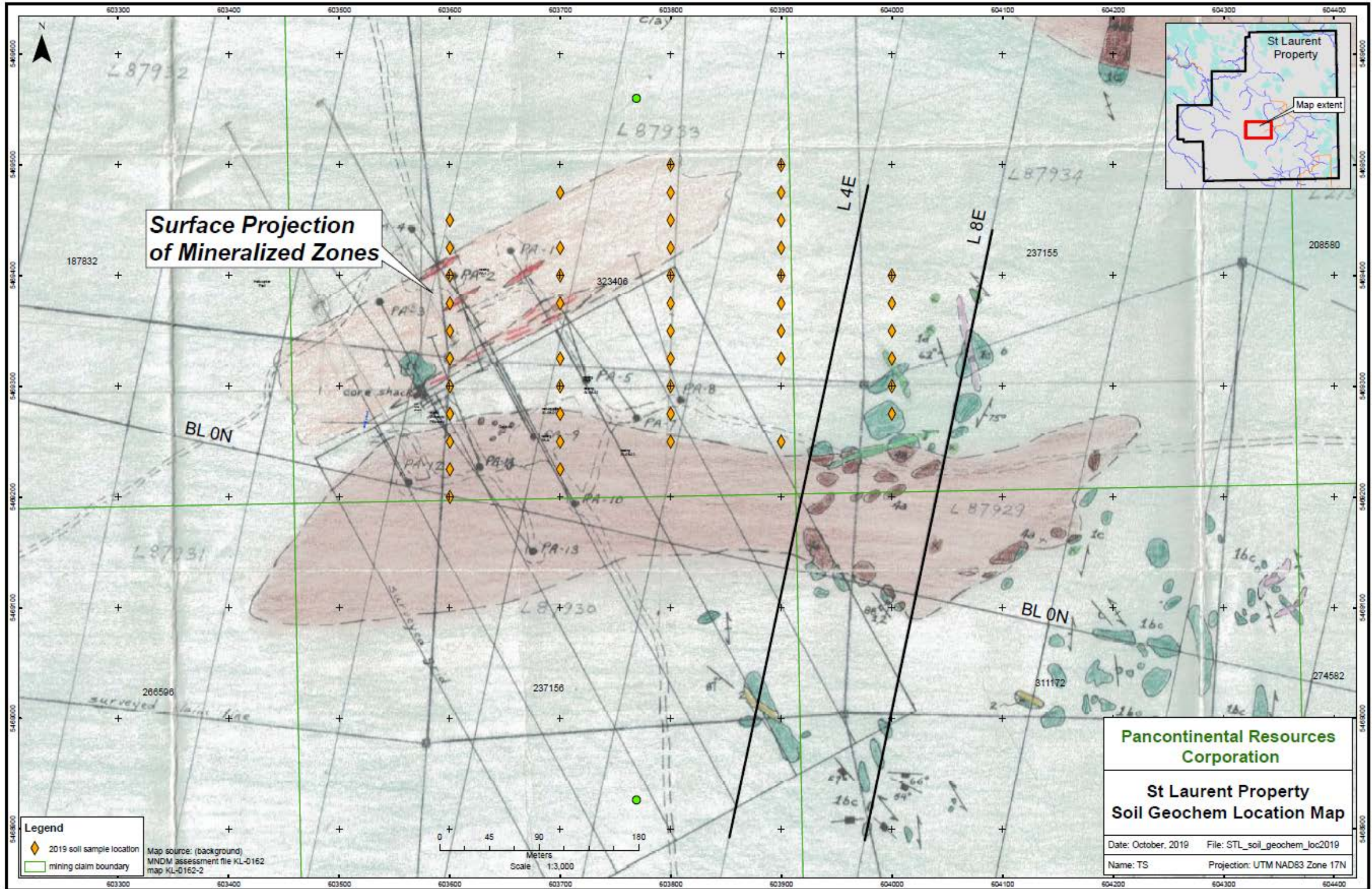


Figure 4: The historical geological map produced by Asarco Exploration Company of Canada with the current PUC geochemical sample grid overlain. Note the proximity of Line 4E and 8E to the known mineralization.

Geological mapping along line 4E indicates a well-defined diorite body with a width of 275 feet. This correlates very well to the geological cross section on L4E from the geochemical figure (Fig. 3), which has the diorite at approximately 300 feet wide. The geological map along line 8E indicates a well-defined diorite body with a width of 475 feet. This correlates very well to the geological cross section on the L8E geochemical figure (Fig. 4), which has the diorite at approximately 500 feet wide. The grid northing from the geochemical profiles (i.e., Fig. 3 & 4) do not fit the grid northings of the geological map for L4E and L8E (Fig. 5), despite the near perfect geological fit. It is possible that the geochemical survey used grid lines L4E and L8E that used a northing coordinate system which differed from the grid line northing system. Therefore, it seems as though the initial assumption that Asarco lines were completed across the mineralized zone was incorrect, and thus the PUC grid only partially covers the Asarco Geochem lines.

Soil Sample Collection:

On June 15, 2019 soil sampling was completed on mining claims 323406 and 237155 by Mr. Riley and Mr. Nick Tadeus, both of South Porcupine, Ontario. Prior to the start of the soil survey, several small test pits were dug to establish the characteristic soil profile in the immediate area. Figure 6 demonstrates the typical profile encountered on the property. The profile consisted of a 5-20 cm black organic horizon which changed abruptly to a narrow fine-grained grey horizon. The 'B' horizon (see Fig. 7) occurred below this fine grey horizon as a distinctly recognizable orange brown unit. The Asarco survey did not provide information as to which horizon they sampled in their survey. However, it is assumed that they sampled the B horizon given that the B horizon is most often sampled for the purpose of soil geochemical analysis. Therefore, this was the horizon that was sampled for the purposes of the PUC survey.

Soil sample locations were based on a 1.50 km fictional non-earth line-grid (see Fig. 5 & 6) where samples were sought to be collected every 25 meters North-South (200N-500N), and every 100 meters West-East (L0-L4 East). GPS sample stations were established from a base map which would provide coverage over the mineralized zone and bracket mineralization in north-south and east-west strike extents. Detailed sample locations for the 47 samples collected can be found in Appendix B: Table 2. A hand-held GPS unit (± 5 m accuracy) was used to home in on desired sample locations. Flexibility was given to the samplers to move off the pre-selected station

if the sample location was coincident with an outcrop or a wet location, where sample collection was not be possible. The expected soil profile was generally encountered (see Fig. 6), although there were eight instances where the desired soil profile could not be obtained, which can be seen in Figure 4 where samples are absent at given sample stations on the line-grid. Undesirable soil profiles and water conditions reduced the total number of samples collected from 55 to 47 samples.

Soil samples (≈ 250 -400 g) were consistently collected at depths approximately 10-25 cm below the interface between the E and B soil horizons. Samples were collected using a steel shovel that was cleaned between each sample collection. Once collected, soil samples were sealed in individual, labelled, Kraft soil sample bags. Samples were then dried for several days (see Fig. 8) before being shipped off for assay. All soil samples were collected on June 15th, 2019 (see App. A: Fig. 1 for traverse).



Figure 5: The soil sample line-grid indicating the locations of sample stations where soil samples were collected for soil geochemical survey. Soil sample locations are indicated by white dots (See App. A: Tab. 2 for detailed UTM and grid line coordinates). Claim numbers are indicated by white text and claim boundaries are indicated by white lines.



Figure 6: The typical St. Laurent soil sample profile possessed a well developed black organic layer with abrupt change to thin grey ash horizon followed by distinct orange B horizon.

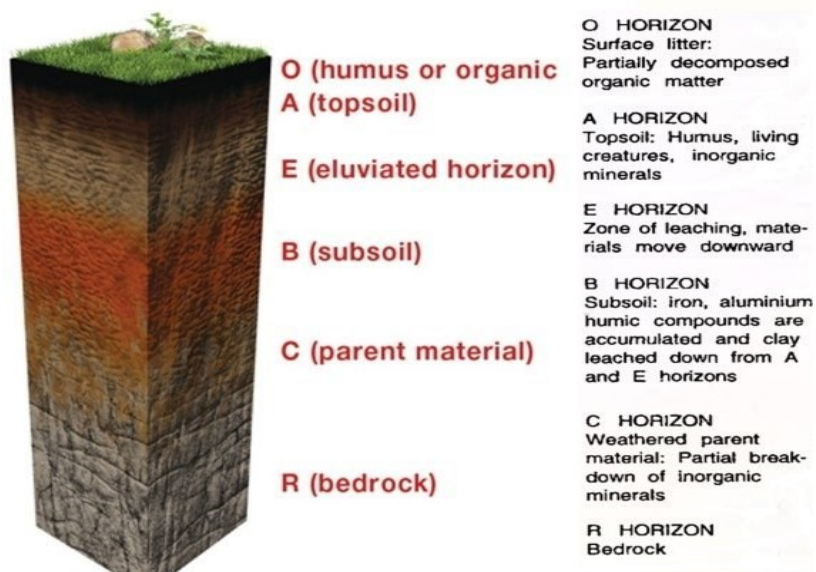


Figure 7: A graphic depicting the standard soil profile, where the soil horizons are shown relative to each other.



Figure 8: A single line (specifically a L-East that runs north-south, see Fig. 5 for a depiction of the line-grid map) of St. Laurent soil samples drying.

Soil Geochemical Survey Assay Procedure:

The Geochem samples were delivered to ALS lab in Sudbury, ON, Canada on June 20, 2019 for assay. The details of the assay and a brief description are included in Appendix D: Note 1. In summary, samples were logged, weighed, crushed, pulverised, split, fine crushed, split, and assayed with a 50-gram super trace gold and multielement package (AuME-ST44). Blanks and Standards were not included in the with samples due to the orientation and exploratory nature of this small survey (<50 samples). Therefore, the in-house ALS QAQC protocol was considered sufficient for the purposes of this work.

Soil Geochemical Survey Analysis:

Data Distributions and Normality: The assay procedure chosen produced soil concentrations for over 50 elements (see App. D: Fig. 1 for assay certificates for each analyte; and App. B: Fig. 1 for a correlation matrix demonstrating the relationships between all 53 of the assayed elements). In the interest of remaining concise, we focused on copper, nickel, gold, silver, cobalt, arsenic, platinum, and palladium for further analysis due their economic value or potential as pathfinder elements.

The distributions for nearly all analytes herein were non-normally distributed, as determined using Lilliefors (Kolmogorov-Smirnov) normality test. Therefore, all concentrations were \log_{10} -transformed in order to normalize their distributions (see Fig. 4 & App. B: Fig. 2-9 for boxplots and histograms of the key elements, respectively). Artificial zeros were created in cases where values fell below the limit of detection (ex., platinum, palladium, see App. D: Fig. 1 for assay certificates for each analyte). In such cases, a tenth of the value of the lower limit of detection was added to all values in such distributions to negate artificial zeros and allow for \log_{10} -transformation. The transformed distributions for all analytes can be found as histograms in Appendix B: Figures 2-9, and in boxplots in Figure 3. Transformation normalized the distributions for copper (App. B: Fig. 2; Lilliefors $D = 0.091$, $p = 0.416$), nickel (App. B: Fig. 3; Lilliefors $D = 0.101$, $p = 0.263$), gold (App. B: Fig. 4; Lilliefors $D = 0.104$, $p = 0.223$), cobalt (App. B: Fig. 5; Lilliefors $D = 0.122$, $p = 0.078$) and arsenic (App. B: Fig. 7; Lilliefors $D = 0.12118$, $p = 0.08133$). Transformation did not normalize the distributions for silver (App. B: Fig. 5; Lilliefors $D = 0.145$, $p = 0.0155$), platinum (App. B: Fig. 8; Lilliefors $D = 0.399$, $p = 0.000$) or palladium (App. B: Fig. 9; Lilliefors $D = 0.316$, $p = 0.000$).

The silver distribution is non-normal, regardless of transformation, given its bimodal nature. This might suggest that two unique populations, or sources, of silver within the sampled area. The distributions for platinum and palladium are likely non-normal given their large number of artificial zeros. These distributions also suffer from low assay precision (i.e., most values were determined to be between 1.0 ppb – 4.0 ppb and the assay could not discern 0.1 ppb differences). Low precision, coupled with several artificial zeros, produced discontinuous, zero inflated, distributions for platinum and palladium. Such distributions are troublesome as they tend to reduce background values, lower anomaly thresholds, and reduce precision surrounding anomaly thresholds. Therefore, anomalies reported from such distributions should not be considered on their own. Rather, these anomalies can be compared to, and possibly confirmed by, anomalies from other analytes if there is correlation between the two and the correlated analyte is normally distributed.

Correlation Among Assayed Elements: We can assume that anomalies for non-normal distributions such as silver and palladium (excluding platinum as it was severely zero inflated) are true anomalies if they are moderately-strongly correlated with normally distributed minerals such

as nickel, copper, cobalt, arsenic, and gold. This would provide support for anomalies among silver and palladium if their anomalies occur at stations where anomalies are also found for one or more of these other correlated minerals. Figure 3 demonstrates that there are moderate ($R^2 > 0.20$) to strong ($R^2 > 0.40$) correlations between most all the analytes of interest. Therefore, it is expected that several anomalies will overlap among the analytes. Although, some exceptions can be expected among gold, arsenic and palladium which are weakly correlated with several analytes.

Anomaly Detection and Thresholds: Following the method of Amedjoe and Adjovu (2013), anomalous values were considered as those that exceeded the 90th percentile within the \log_{10} -transformed distribution for each analyte. Given that several of the distributions were non-normal, zero inflated, or included several extreme-low outliers (see App. B: Fig. 2-9 for histograms of each the analyte distributions), the method outlined by Lepeltier (1969), was also used to determine far-outlier thresholds. Briefly, \log_{10} -cumulative distribution plots (see App. B: Fig. 10-15) were generated and outlier thresholds were determined using either the abscissa of breaks in the slope of the \log_{10} -cumulative distribution, or by using the geometric mean and deviation of the distribution to calculate outlier thresholds. The benefit of this method is that it allows for extreme -low and -high outliers thresholds to be visually identified as breaks in the slope of the trend line from the \log_{10} -cumulative distributions.

The Lepeltier method proves more robust for identifying outlier thresholds in cases where there is an excess of low or high values in the distribution. In cases with several extreme-low outliers, the Lepeltier method excludes these outliers from the rest of the distribution, reducing their depressive affect on the geometric mean and threshold values (i.e., when using the percentile method these extreme low outliers artificially lower threshold values). In many cases these extreme lows are produced by poor sampling conditions (i.e., poorly defined soil horizons, excessive moisture, organic contaminants, etc.) which alone own might warrant exclusion of these data points based on *a priori* criterion (i.e., only including data that truly represents the distribution). As such, this method is less likely to produce false-positives for distributions plagued by extreme-low outliers.

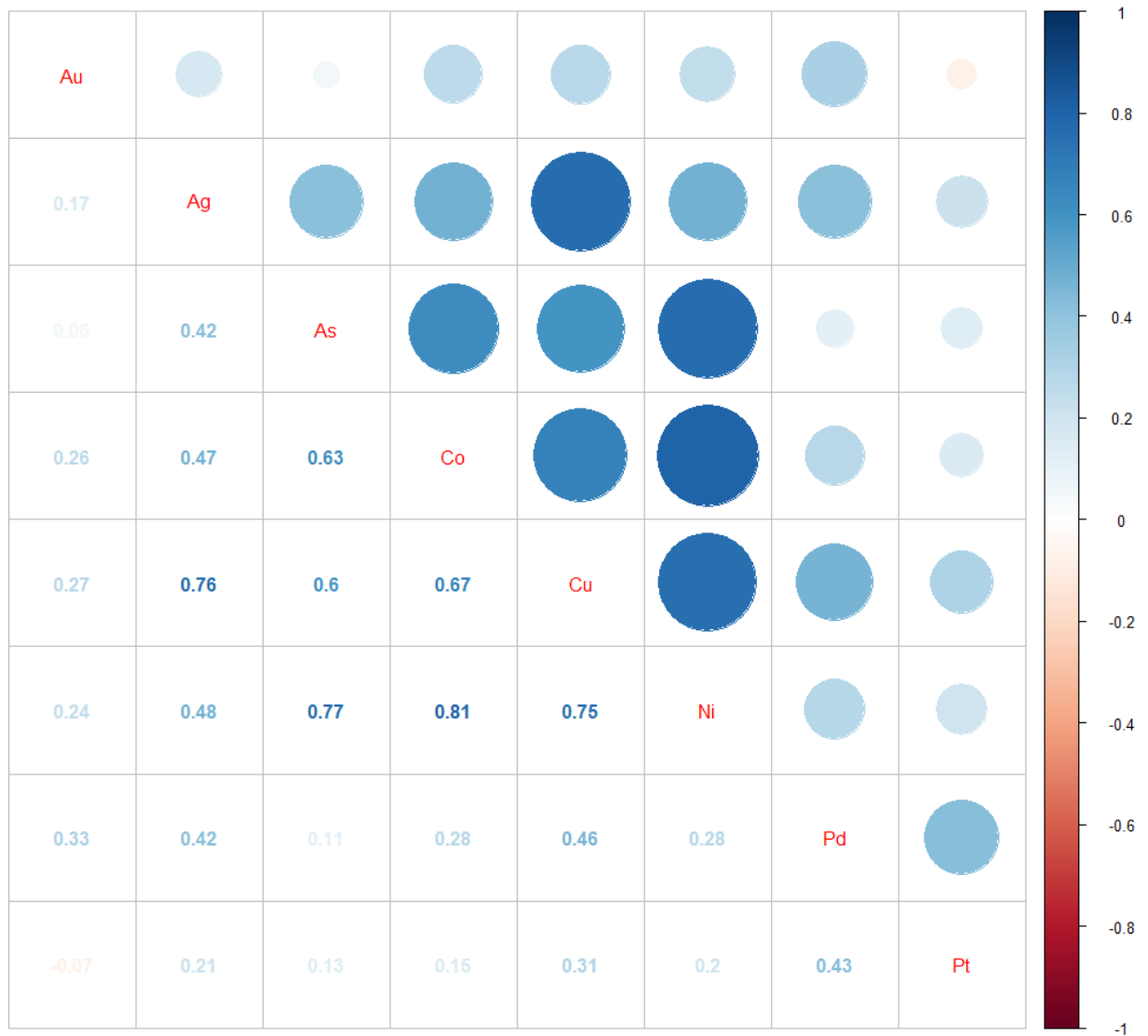


Figure 9: A Spearman-Rank correlation plot of key elements of interest that were quantified through soil geochemical survey, where the size and shade of the dots indicate the strength of the Spearman's correlation coefficient for each pair. Blue dots indicate positive correlation, white dots indicate zero correlation, and red dots indicate negative correlation. Spearman's correlation coefficient for each pair of elements are also reported. The data for each analyte was \log_{10} -transformed, and the data for platinum and palladium were $\log_{10}(x+0.0001)$ -transformed to negate artificial zeros.

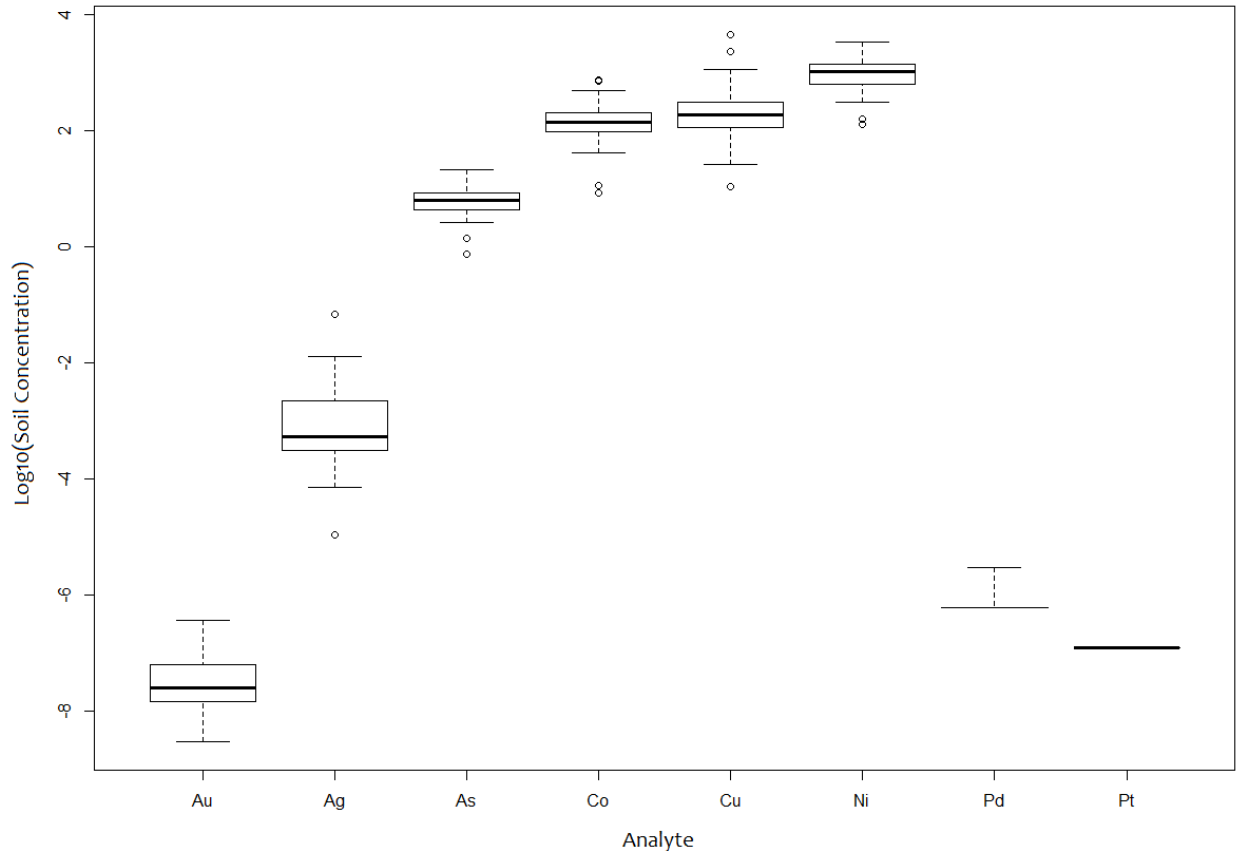


Figure 10 A box and whisker plot indicating the \log_{10} -transformed distributions for each analytes of interest assessed by soil geochemical survey on Pancontinental Resources Corporation’s St. Laurent property. Dark central bands represent the median of each distribution, boxes show interquartile range, whiskers show the minimums and maximums, and dots show potential outliers.

Threshold Values: Using the methods described above, the threshold values for all element of interest were determined and are reported in Table 1. \log_{10} -cumulative distribution plots could not be used for palladium given the severe lack of normality with respect to its distributions. Therefore, outlier thresholds were instead determined based on percentiles (90th and 97.5th percentiles for outlier and far-outlier thresholds, respectively, see Amedjoe & Adjovu, 2013). \log_{10} -cumulative distribution plots were also not used for platinum given its highly non-normal, zero-inflated, distribution. Additionally, all non-zero values for platinum were equal to the lower limit of detection for the assay employed; and as such, do not represent meaningful outliers.

Table 1: Outlier Thresholds for each element of interest quantified by soil geochemical survey on Pancontinental Resources Corporation’s St. Laurent property.

Analyte	Outlier Threshold	Far Outlier Threshold
Copper	15.0 ppm	21.0 ppm
Nickel	28.0 ppm	33.0 ppm
Cobalt	13.0 ppm	16.0 ppm
Arsenic	2.80 ppm	3.3 ppm
Gold	1.00 ppb	1.40 ppb
Silver	100 ppb	160 ppb
Palladium	2.20 ppb	3.80 ppb
Platinum	n/a	n/a

Soil Geochem Survey Results:

Anomaly maps for each analyte of interest can be found in Figures 11-17 (no values were considered anomalous for platinum), where anomalous sample locations are indicated by orange dots, and far outliers are indicated by red. Line plots can be found in Figure 18 that depict the analyte concentrations for each analyte at the Northing stations on specific Easting lines. These line plots visualize the relationships among analytes by allowing for side-by-side comparisons of the anomalous values. Of interest is the anomalies of nickel and copper, where such anomalies overlap in the south-central regions of L0 East, the central-north regions of L1 and L2 East, and within the central region of L4 East, where these regions also produce anomalous values for most other analytes. Specifically, anomalies are detected for nearly all analytes (excluding cobalt) at station 425N along L1 and L2 East, many of which are considered far-outliers (see Fig 11-18). These anomalies lie over an area where mineralization from past drilling would project to surface (see Fig. 5). Several far-outliers are also found at station 325N of L4 East for nickel, copper, gold and cobalt (see Fig 11-18).

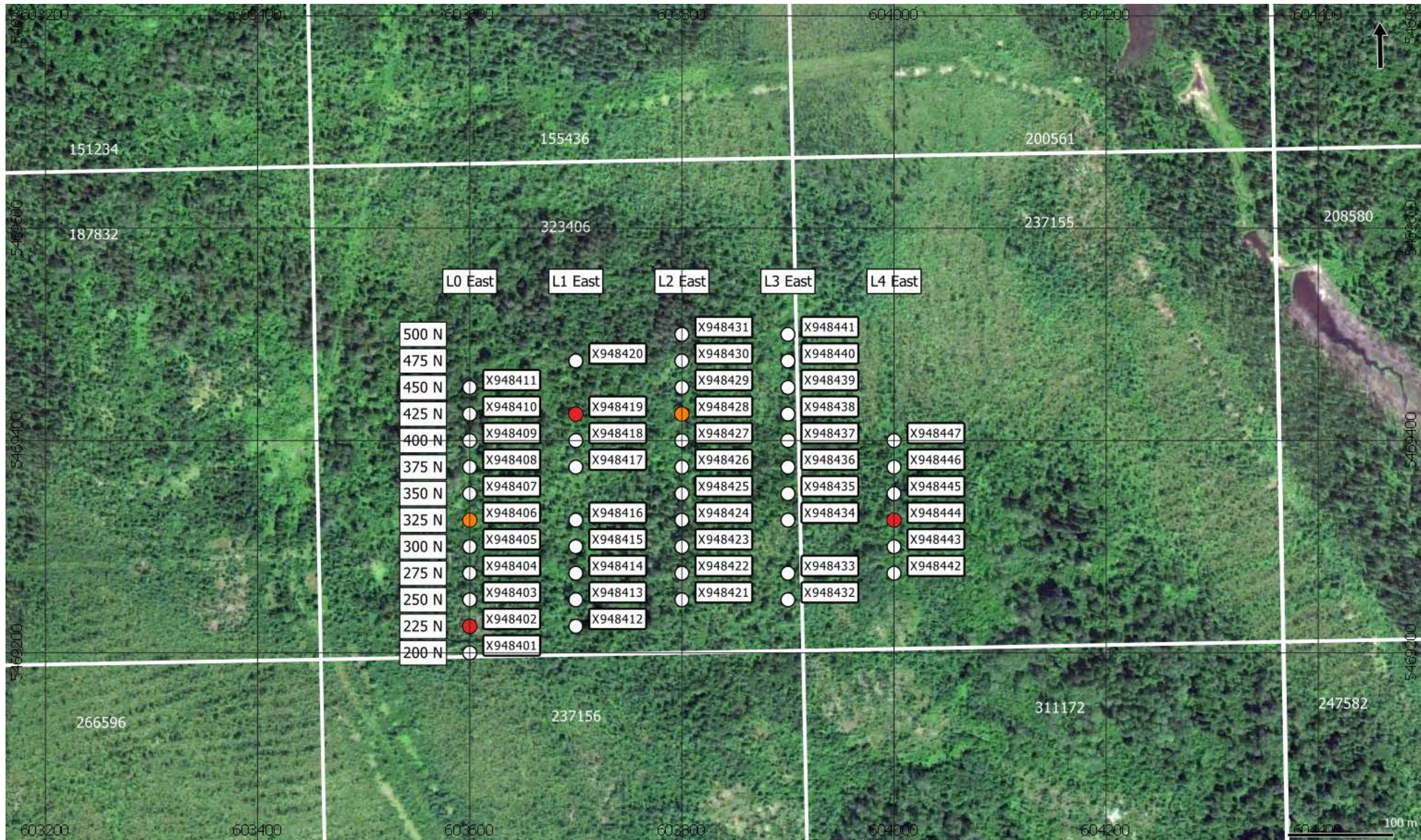


Figure 11: Anomaly map for copper samples collected for soil geochemical survey on Pancontinental Resources Corporation’s St. Laurent property. Soil sample locations are indicated by labelled dots; where orange dots indicate anomalous samples (> 15.0 ppm), red dots indicate far outliers (> 21.0 ppm), and white dots indicate samples that fell below anomaly thresholds (See App. A: Tab. 2 for detailed UTM and grid line coordinates). Claim numbers are indicated by white text and claim boundaries are indicated by white lines.

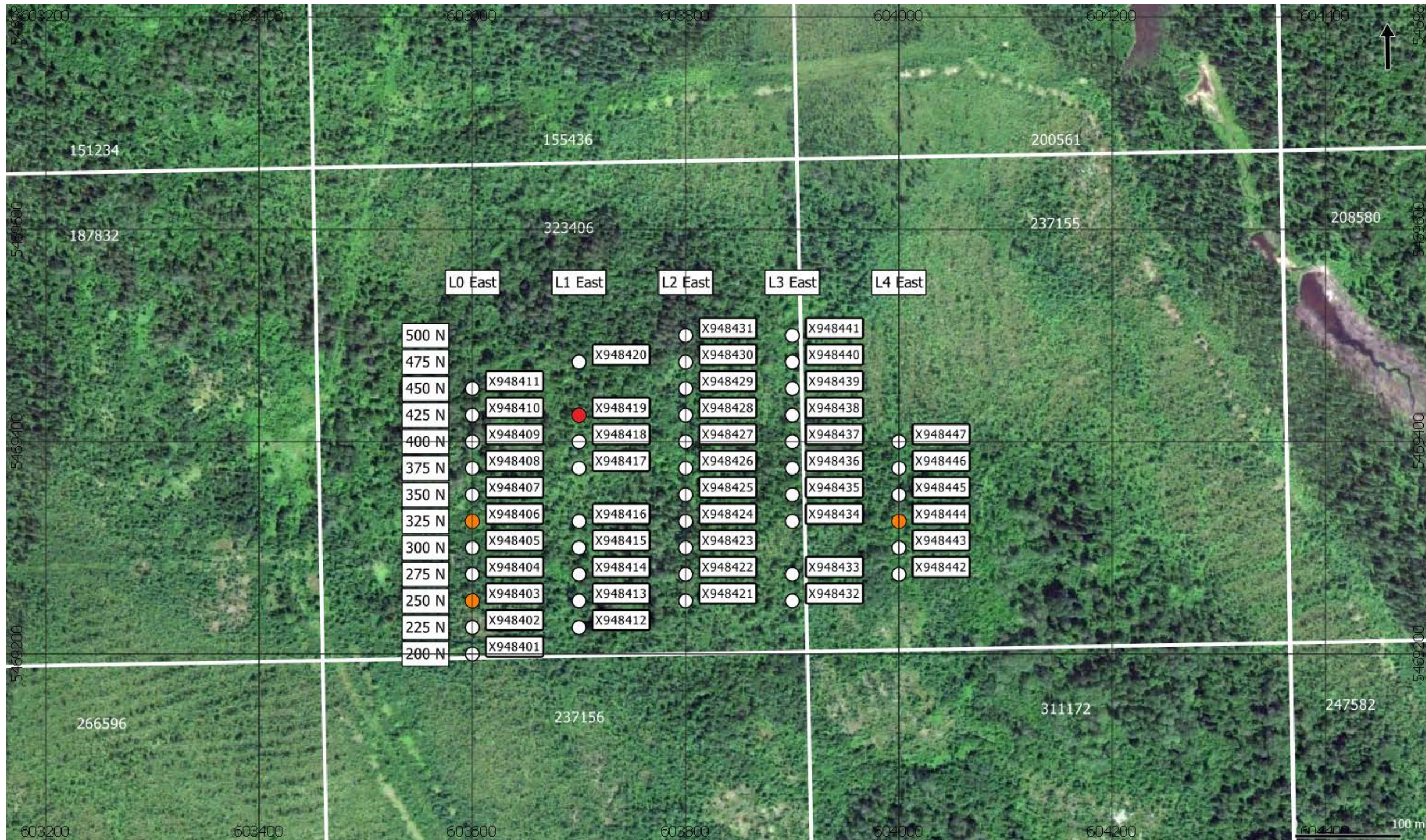


Figure 12: Anomaly map for nickel samples collected for soil geochemical survey on Pancontinental Resources Corporation's St. Laurent property. Soil sample locations are indicated by labelled dots; where orange dots indicate anomalous samples (> 28.0 ppm), red dots indicate far outliers (> 33.0 ppm), and white dots indicate samples that fell below anomaly thresholds (See App. A: Tab. 2 for detailed UTM and grid line coordinates). Claim numbers are indicated by white text and claim boundaries are indicated by white lines.



Figure 13: Anomaly map for gold samples collected for soil geochemical survey on Pancontinental Resources Corporation's St. Laurent property. Soil sample locations are indicated by labelled dots; where orange dots indicate anomalous samples (> 1.0 ppb), red dots indicate far outliers (> 1.4 ppb), and white dots indicate samples that fell below anomaly thresholds (See App. A: Tab. 2 for detailed UTM and grid line coordinates). Claim numbers are indicated by white text and claim boundaries are indicated by white lines.



Figure 14: Anomaly map for silver samples collected for soil geochemical survey on Pancontinental Resources Corporation’s St. Laurent property. Soil sample locations are indicated by labelled dots; where orange dots indicate anomalous samples (> 100 ppb), red dots indicate far outliers (> 160 ppb), and white dots indicate samples that fell below anomaly thresholds (See App. A: Tab. 2 for detailed UTM and grid line coordinates). Claim numbers are indicated by white text and claim boundaries are indicated by white lines.



Figure 15: Anomaly map for cobalt samples collected for soil geochemical survey on Pancontinental Resources Corporation's St. Laurent property. Soil sample locations are indicated by labelled dots; where orange dots indicate anomalous samples (> 13.0 ppm), red dots indicate far outliers (> 16.0 ppm), and white dots indicate samples that fell below anomaly thresholds (See App. A: Tab. 2 for detailed UTM and grid line coordinates). Claim numbers are indicated by white text and claim boundaries are indicated by white lines.

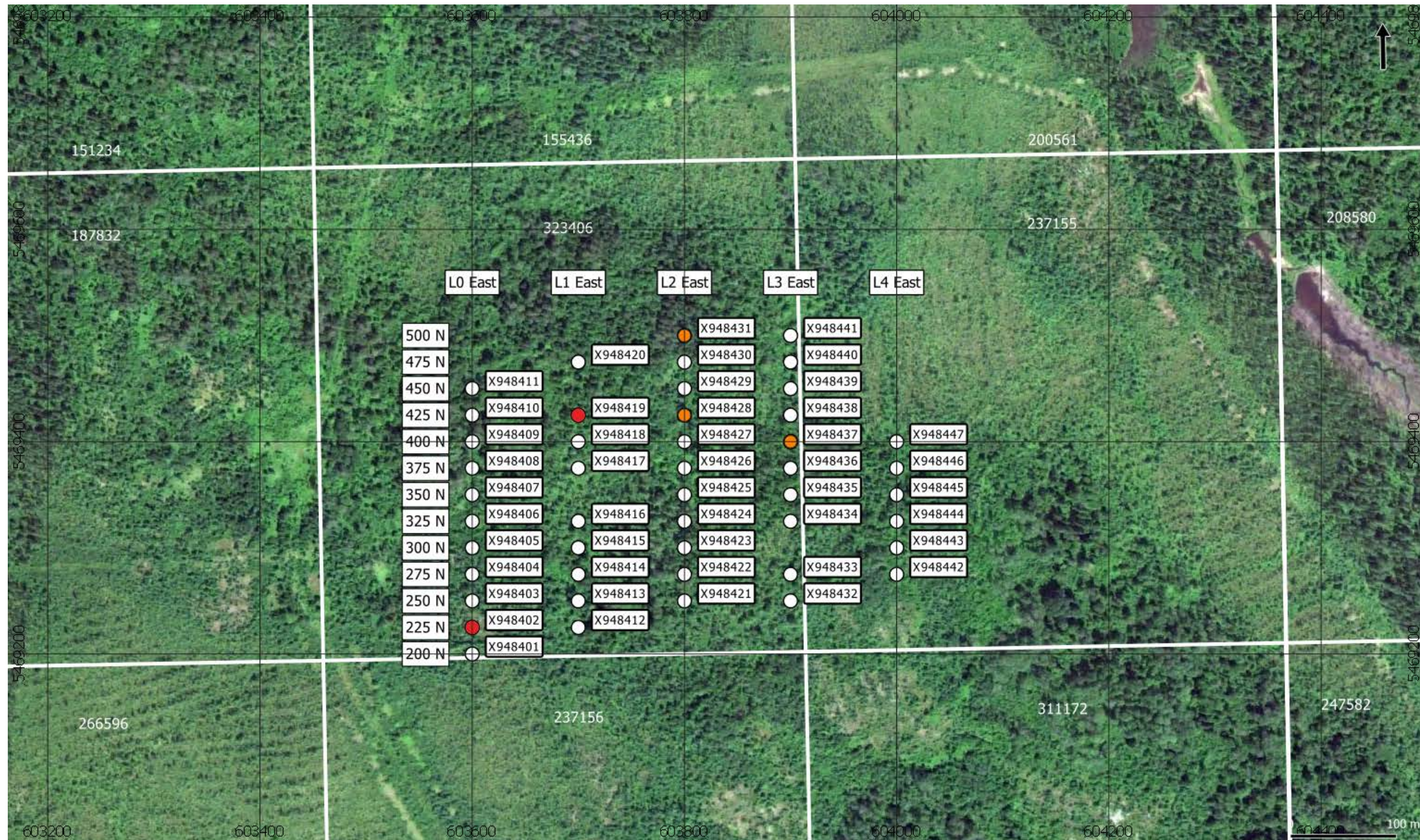
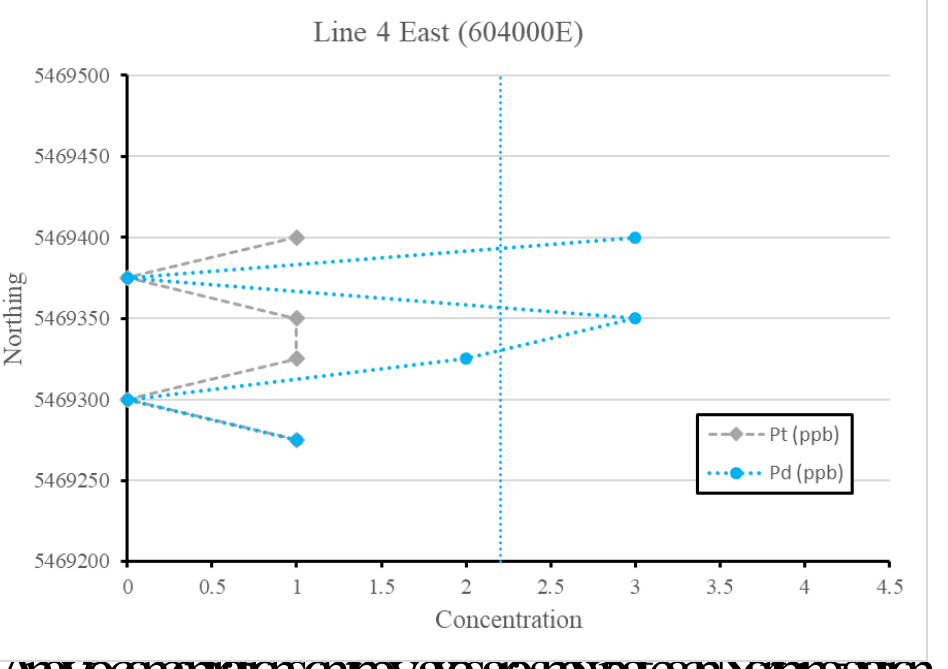
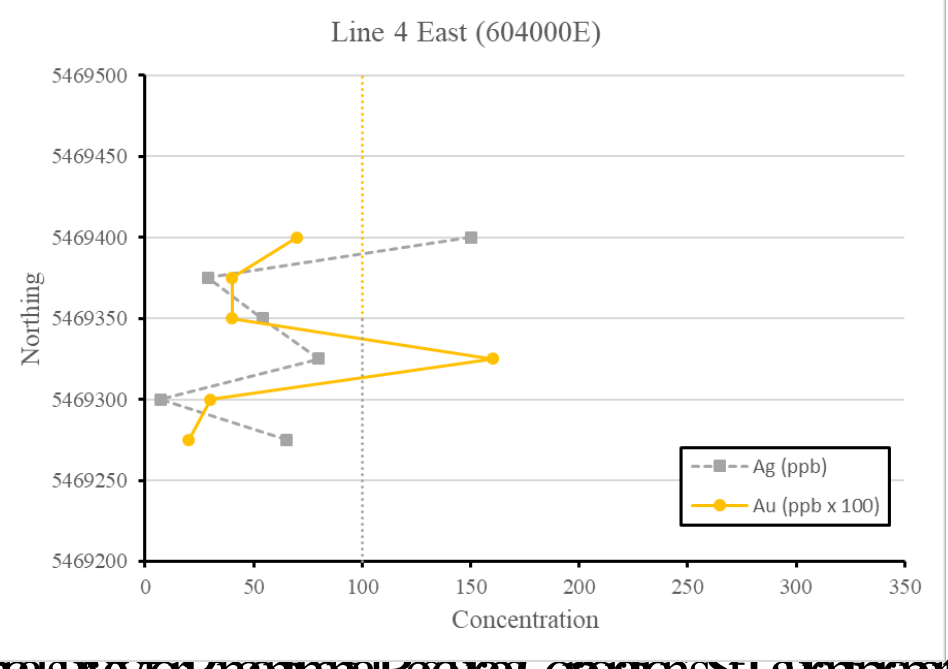
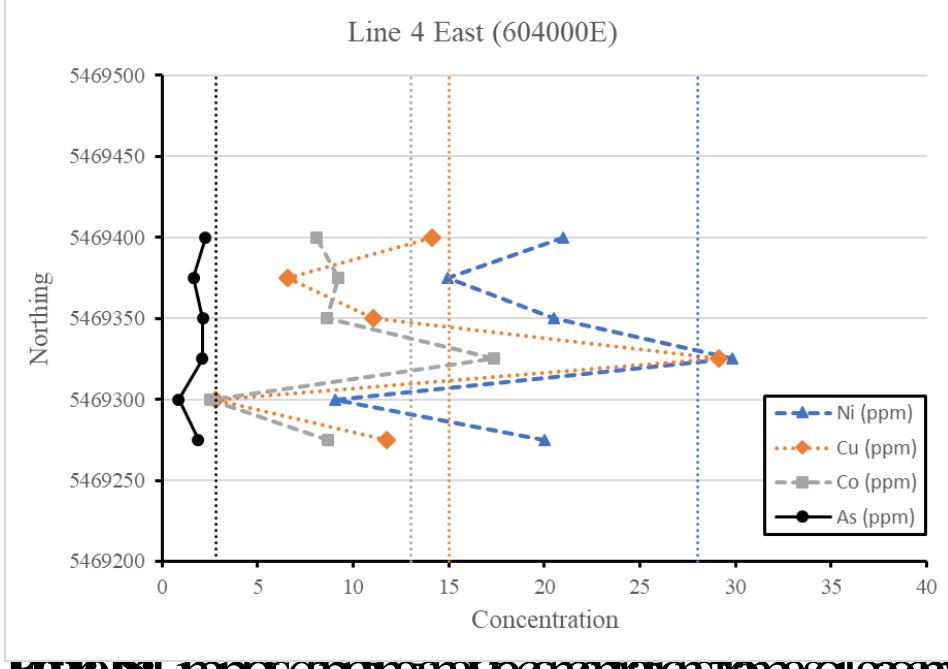
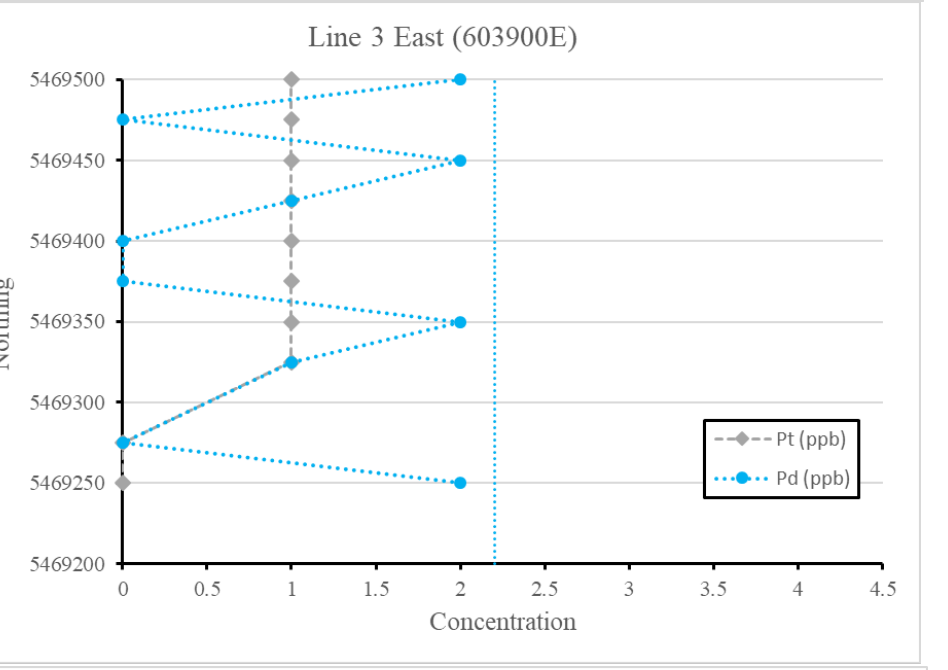
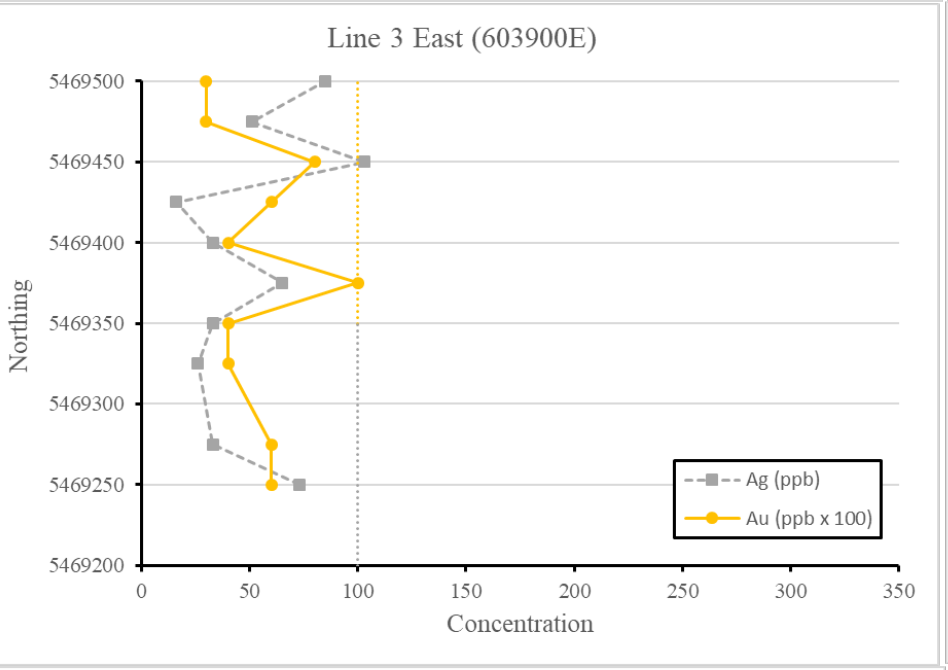
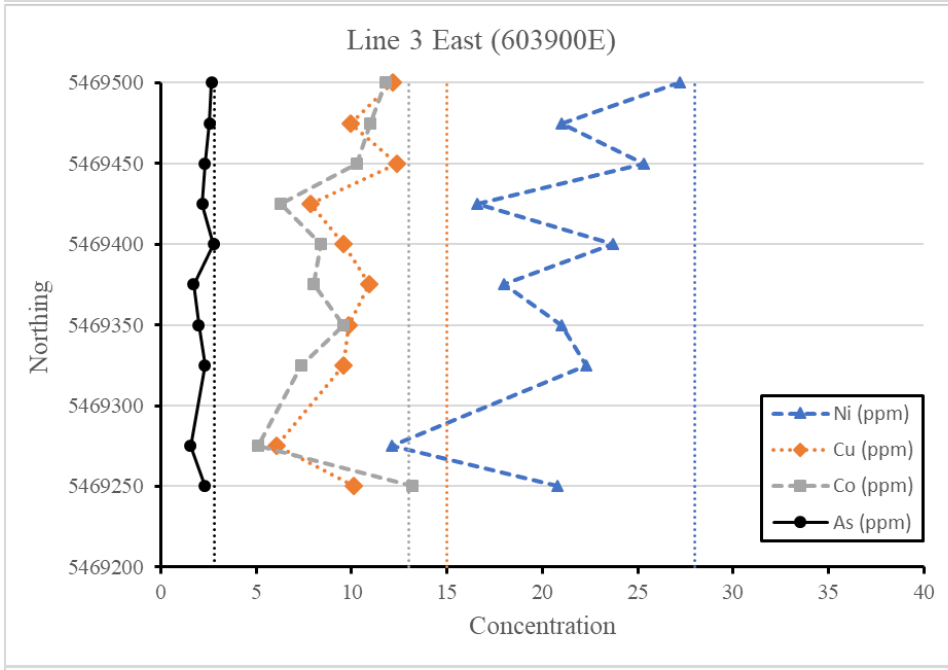
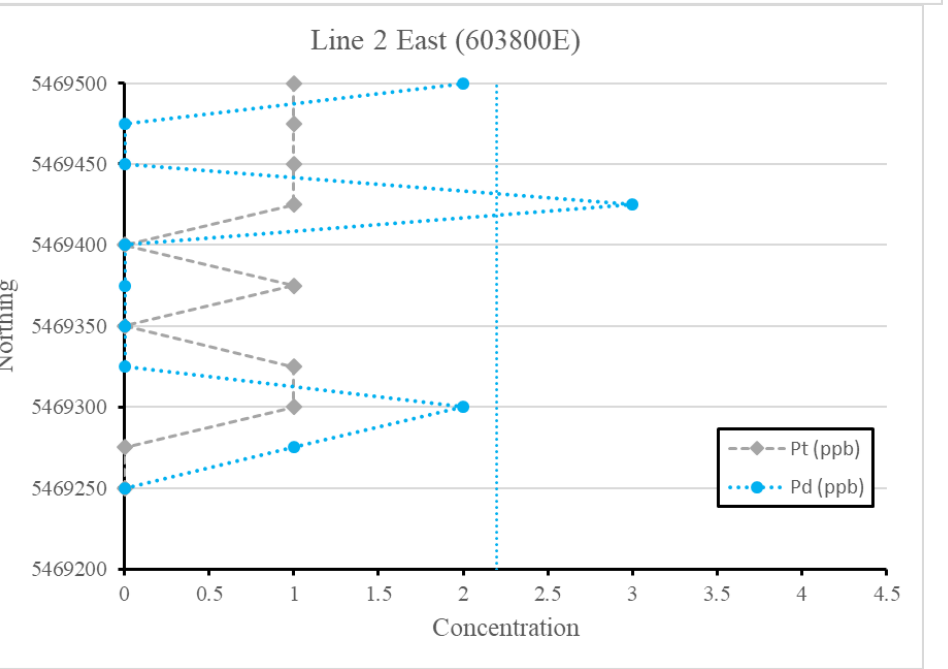
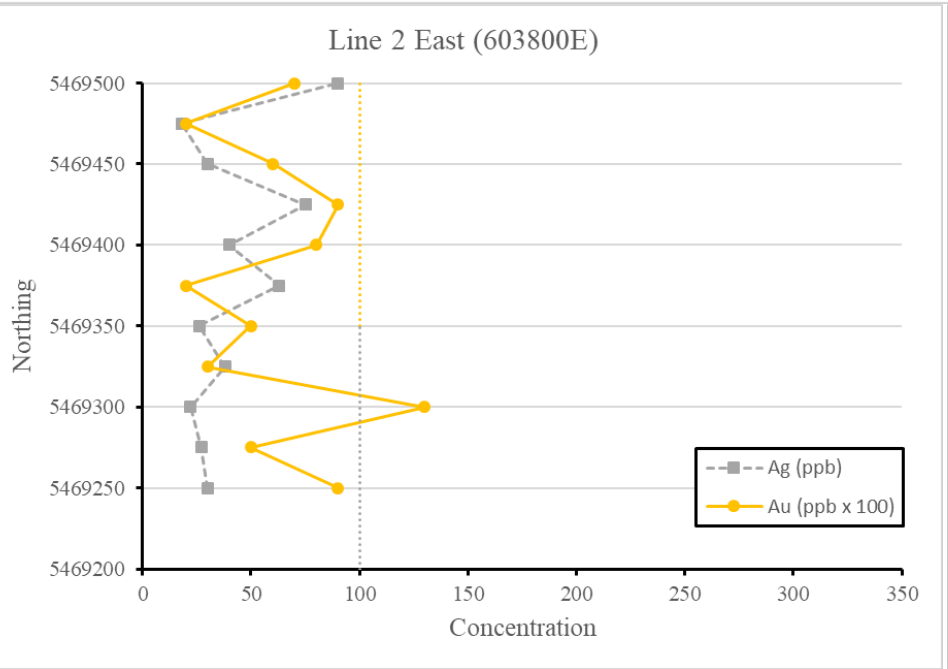
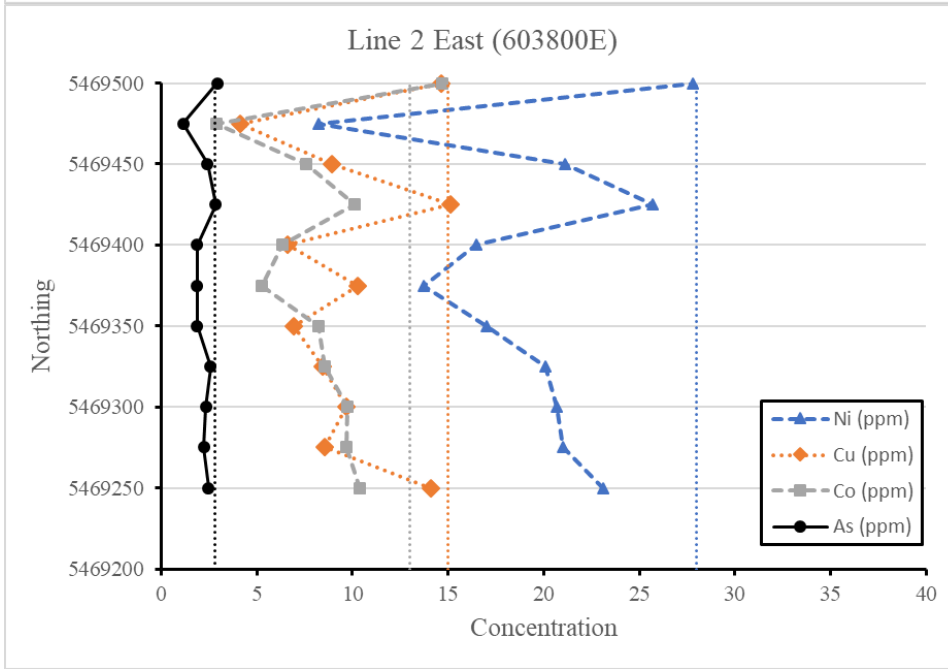
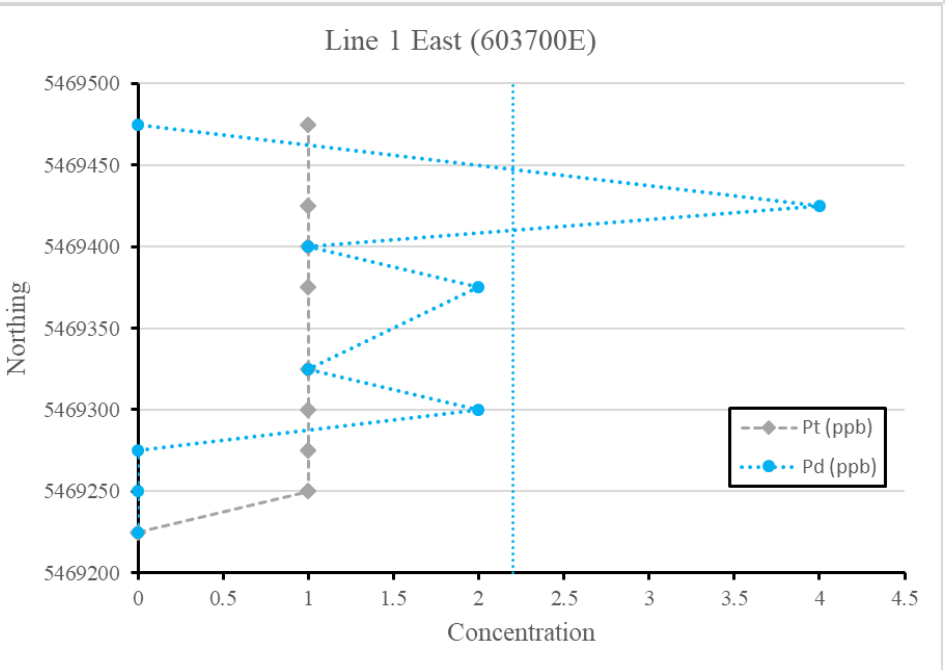
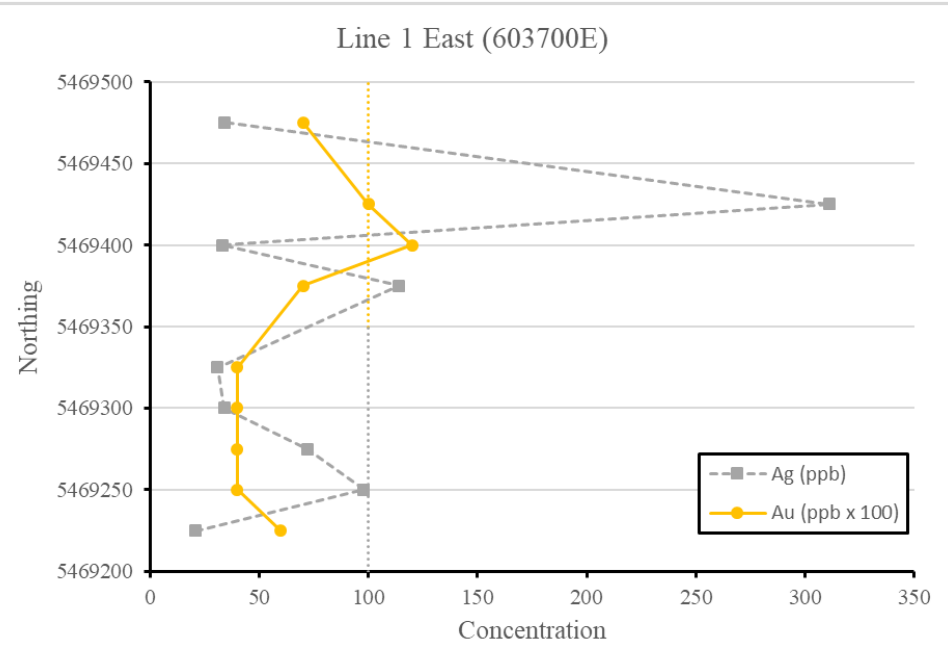
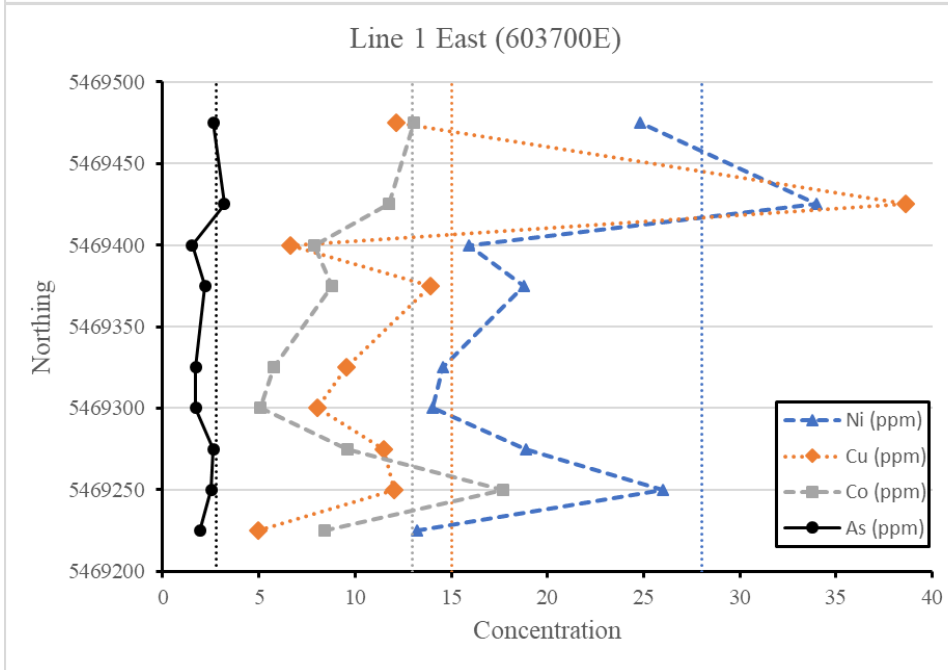
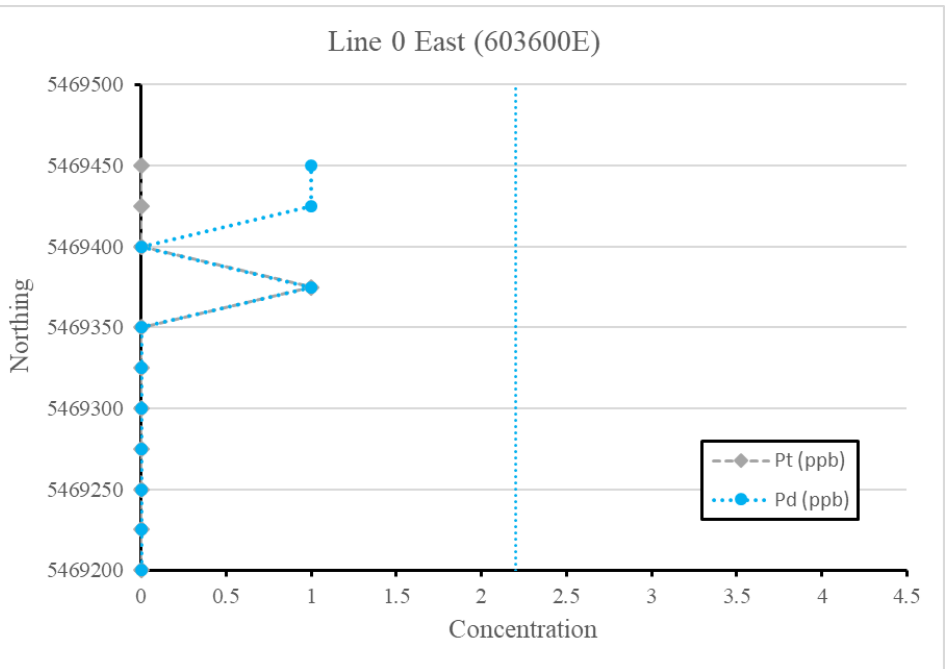
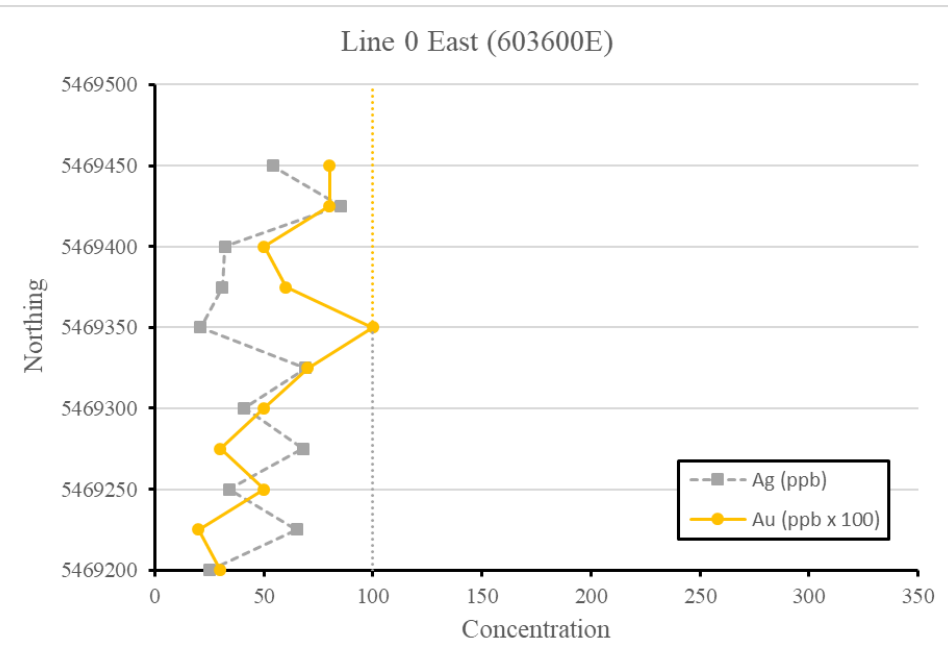
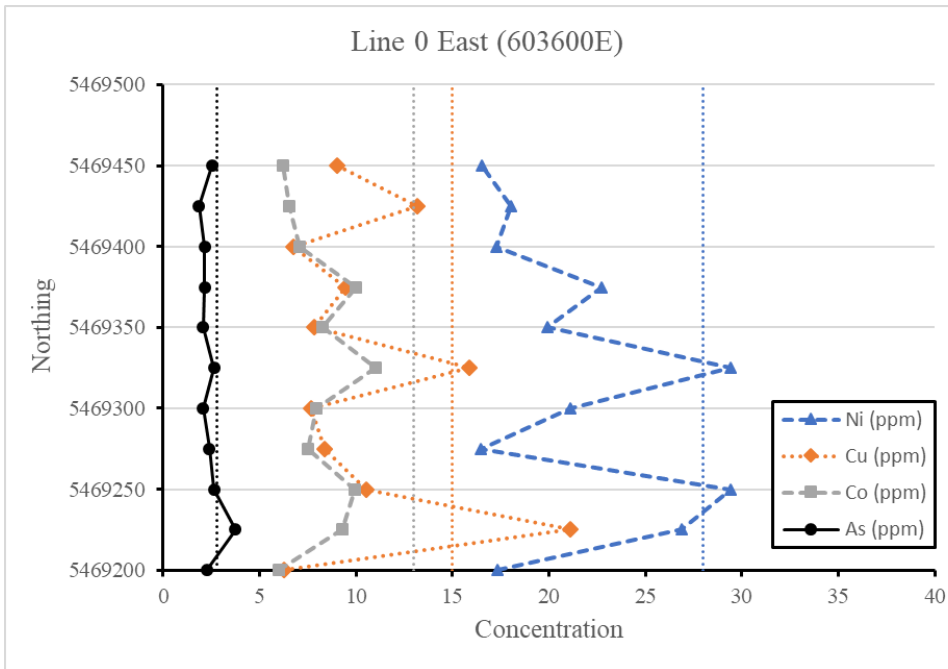


Figure 16: Anomaly map for arsenic samples collected for soil geochemical survey on Pancontinental Resources Corporation's St. Laurent property. Soil sample locations are indicated by labelled dots; where orange dots indicate anomalous samples (> 2.8 ppm), red dots indicate far outliers (> 3.3 ppm), and white dots indicate samples that fell below anomaly thresholds (See App. A: Tab. 2 for detailed UTM and grid line coordinates). Claim numbers are indicated by white text and claim boundaries are indicated by white lines.



Figure 17: Anomaly map for palladium samples collected for soil geochemical survey on Pancontinental Resources Corporation's St. Laurent property. Soil sample locations are indicated by labelled dots; where orange dots indicate anomalous samples (> 2.2 ppb), red dots indicate far outliers (> 3.8 ppb), and white dots indicate samples that fell below anomaly thresholds (See App. A: Tab. 2 for detailed UTM and grid line coordinates). Claim numbers are indicated by white text and claim boundaries are indicated by white lines.



These results represent the concentration of various elements in the soil samples collected from the study area. The concentrations are expressed in ppm for Ni, Cu, Co, and As, and in ppb for Ag, Au, Pt, and Pd. The data shows that the concentrations of these elements vary significantly across the different lines and locations. The concentrations of Ni, Cu, Co, and As are generally higher than those of Ag, Au, Pt, and Pd. The concentrations of Ag, Au, Pt, and Pd are generally low, with Au concentrations being the highest among these elements. The concentrations of Ni, Cu, Co, and As are generally higher in the samples collected from Line 0 East (603600E) compared to the other lines. The concentrations of Ag, Au, Pt, and Pd are generally higher in the samples collected from Line 4 East (604000E) compared to the other lines. The concentrations of Ni, Cu, Co, and As are generally higher in the samples collected from Line 1 East (603700E) compared to the other lines. The concentrations of Ag, Au, Pt, and Pd are generally higher in the samples collected from Line 2 East (603800E) compared to the other lines. The concentrations of Ni, Cu, Co, and As are generally higher in the samples collected from Line 3 East (603900E) compared to the other lines. The concentrations of Ag, Au, Pt, and Pd are generally higher in the samples collected from Line 4 East (604000E) compared to the other lines. The concentrations of Ni, Cu, Co, and As are generally higher in the samples collected from Line 0 East (603600E) compared to the other lines. The concentrations of Ag, Au, Pt, and Pd are generally higher in the samples collected from Line 4 East (604000E) compared to the other lines. The concentrations of Ni, Cu, Co, and As are generally higher in the samples collected from Line 1 East (603700E) compared to the other lines. The concentrations of Ag, Au, Pt, and Pd are generally higher in the samples collected from Line 2 East (603800E) compared to the other lines. The concentrations of Ni, Cu, Co, and As are generally higher in the samples collected from Line 3 East (603900E) compared to the other lines. The concentrations of Ag, Au, Pt, and Pd are generally higher in the samples collected from Line 4 East (604000E) compared to the other lines.

Geological mapping and Sampling

Geological mapping was completed June 15, 2019 by Mr. Todd Keast on mining claim 32406 for the area immediately adjacent to the surface projection of the Ni-Cu mineralization. The Asarco geology map provided an excellent outcrop location map with drill collar and core shack locations (Fig. 19). Three diamond drill collars were located while in the field during the PUC mapping program. These casings were located with GPS and provide ground control for georeferencing the Asarco geology map.

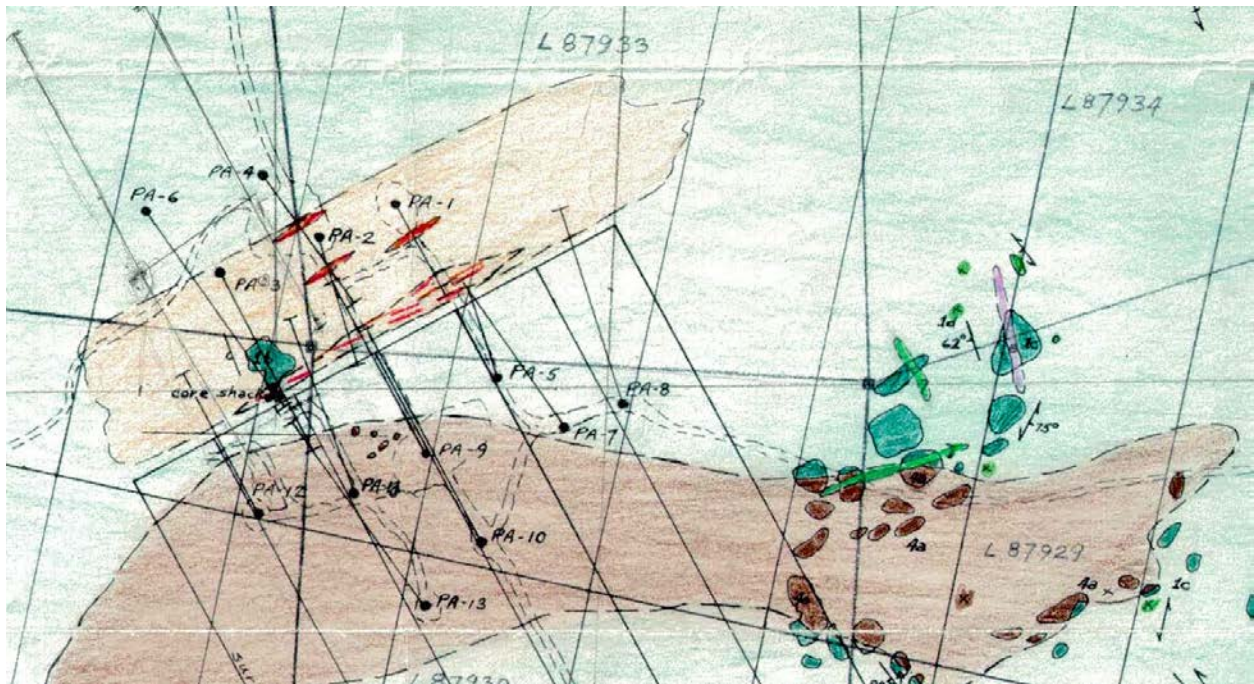


Figure 19: A portion of the Asarco geological map used to location outcrops of interest, the historical core shack, and DDH locations.



Figure 20: Drill casing from Asarco drilling located at UTM: NAD83 17U 603677E 5469253N.

The Asarco Core Shack was located while in the field using the Asarco geology map, providing a landmark and a level of certainty in other plotted map locations. Several outcrops proximal to the Core Shack were easily located and neighbouring outcrops in their vicinity were also easily located thereafter. Additional confirmation of the accuracy of the Asarco map was provided by relating the positions of several drill casings to surrounding outcrop positions.



Figure 21: Remnants of core racks and drill core from Asarco Core Shack
UTM: NAD83 17U 603573E 5469279N.

Bedrock Geology:

Three rock types were observed in this area:

Gabbro: A coarse grained intrusion with a medium massive texture was identified with feldspar to mafic minerals approximately 40-40, (see Fig. 22).



Figure 22: Gabbro Intrusion with local texture variations suggesting intrusive breccias (UTM: NAD83 17U 603649E 5469254N).

Pillowed mafic volcanics: This unit is fine grained green chloritic with very distinct flow textures of pillow selvedges (see Fig. 23). It was observed the strike orientation of the pillows are north south, as opposed to the east west geological fabric orientation on the Asarco Map.



Figure 23: Pillowed Breccia with north south orientation to pillows (UTM: NAD83 17U 603580E 5469292N).

Intermediate Dike: A minor rock unit observed was an intermediate Dike. The dike is sharp contact crosscutting the mafic volcanism and is characterized by distinct 1-5mm feldspar phenocrysts (see Fig. 24).



Figure 24: Intermediate Dike on left with distinct feldspar phenocrysts; sharp contact crosscutting Mafic flow breccia (UTM: NAD83 17U 603586E 5469300D).

The results of the geological mapping are included in Figure 25.

Rock Sample Collection:

All samples were collected within a single working day (June 15th, 2019) on mining claim 323406 by Mr. Todd Keast with assistance from Mr. Bob Bailey. Samples were gathered from areas with expose outcrop or minimal overburden. Rock samples were collected using a Geotul to break away sections of the outcrop from areas of interest. Rock samples were sealed in individual, labelled, plastic bags and shipped to ALS for assay (see. App. D: Note 2 for assay

procedures). Six grab samples were collected from this area during the mapping work. Minor sulphides were identified in several samples, typically in the mafic flow samples. Magnetic susceptibility readings were collected for the samples. Assay results can be found in Appendix C: Table 1 (also see App. D: Figure 2 for assay certificates).

Results:

The mapping and prospecting work successfully located and geo-referencing several historical drill casings and outcrops identified by the historical Asarco map. This provided confidence when using the Asarco geology map for location-based data during the current PUC exploration program. Additionally, the major rocks types identified in the current mapping program compared very well to those identified in the Asarco map descriptions. Further mapping and prospecting are recommended for the St. Laurent Project. The exceptional quality of the Asarco mapping, including outcrop location and contacts, would make future mapping a very straightforward exercise. The Asarco map provides an exceptional base map to direct geologists to areas of outcrops and contacts. Of interest is the North/south orientation to the mafic volcanic pillowed flow breccia, as the lithologic layering has been interpreted to be in an east west direction. Future mapping might emphasize the mafic volcanic package in order to map the orientation of the flow features. There is some suggestion from the limited drilling that the mafic volcanics are possibly large xenolith type rafts within a very large gabbro intrusion. If this is the case the pillow directions would have less significance to the ongoing exploration program.

Assay results from the six grab samples did not return anomalous Ni-Cu, Au Pt Pd or Co results, likely because the mineralized zone occurs more to the north of these sampled outcrop locations and does not come to surface (see Fig. 26 for a geology map indicating sample locations and App. C: Tab. 1 for detailed assay results). The lack of anomalous assays results from PUC surface samples is consistent with the results of historical drilling, confirming both sets of results.

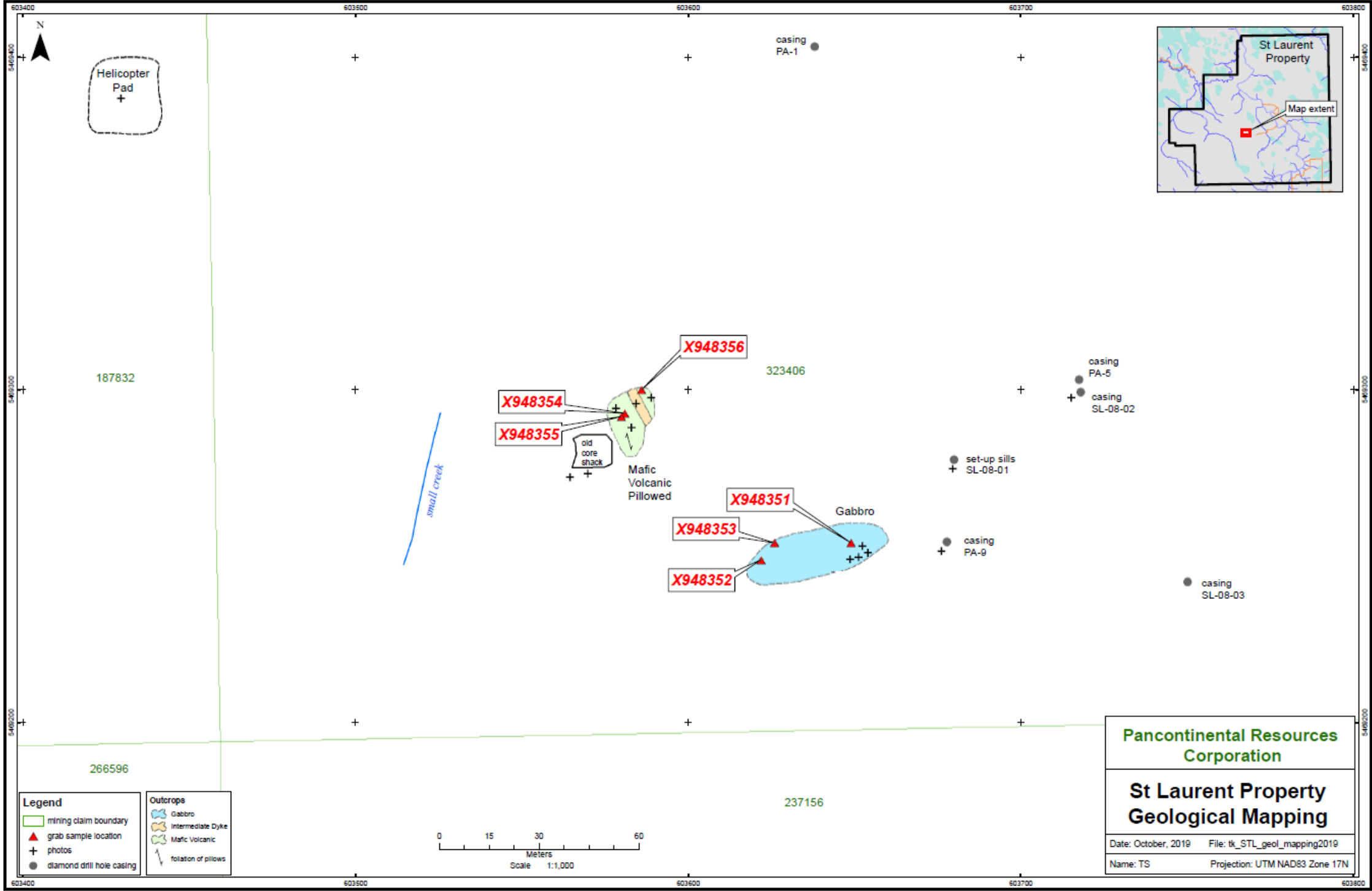


Figure 25: St. Laurent Geology map depicting the locations of rock samples collected during the June 15th, 2019 prospecting and mapping program. Also shown are the locations of notable outcrops, historical diamond drill holes, and the Asarco core shack.

Patten River:

A brief prospecting program was completed along the Patten River, in order to locate and evaluate the gold potential of a historical gold occurrence. The showing was mentioned in the follow excerpt from the ARV27-Twenty Seventh Annual Report of the Ontario Bureau of Mines, 1918,

On Patten River

In 1913 gold was reported to have been found at the 30-foot falls near the mouth of Patten^s river which is about two miles west of mileage 126 on the interprovincial boundary. Several claims were staked and some surface prospecting done. The rock in the vicinity is an altered quartz gabbro, which looks fresher than the Keewatin and older than the Keweenawan. The quartz veins are narrow, usually under six inches in width, and contain pyrite, calcite and occasionally low gold values. The vein on the last portage at the 30-foot falls was reported to contain some visible gold. The deposits appear to be of no economic importance. However, they are of interest in that they represent another locality in Ontario where gold has been found.

The one-day program, completed on September 23, 2019 by Mr. Todd Keast with assistance from Mr. Nick Tadeus on mining claims 141878 and 335286, sought to locate and sample this historical showing. A helicopter was used to access the Patten River area. The showing was relatively straight forward to locate as the small waterfalls along the river are very distinct topographic features. Two separate quartz veins were located at the described location (see Fig. 27). The veins are narrow (<25.0 cm), milky white, barren to trace pyrite, and hosted within a relatively massive gabbro/diorite intrusion. There was no visible alteration or strain in the surrounding rocks. Four rock samples were collected from the locations shown in Figure 27 (see App. C: Tab. 2 for assay results and App. D: Fig. 3 for assay certificates).

Gold panning was completed at 6 locations below the falls (see Fig. 27 for location and Fig. 28 for procedural photo). The decrease in fluvial energy and the development of several gravel/sand bars provided ideal locations for fluvial gold deposition. A single, very small, flake of gold was identified in of the locations. The low incidence of visible, fine, gold from the panning was not significant for indicating the presence of a positive upstream gold target. Although, a single composite sample was collected for assay that consisted of panned heavy mineral concentrates from six locations collected below the falls. The sample returned 0.5g/t Au, which

does support the potential of an upstream gold target (see App. C: Tab. 3 for assay results and App. D: Fig. 4 for assay certificates).



Figure 26: Historical showing along Patten River (UTM: NAD83 17U 604983E 5469883N).

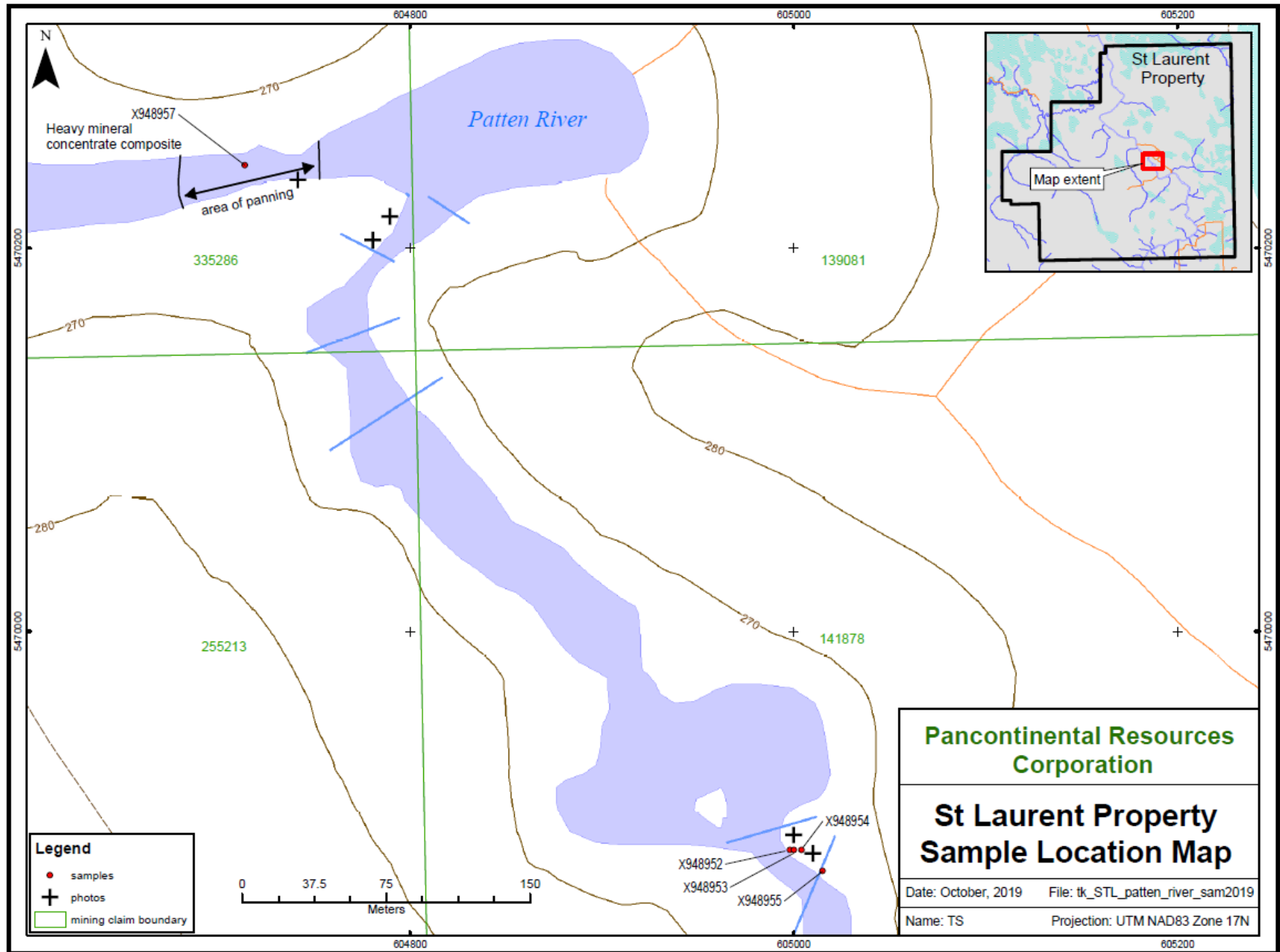


Figure 27: A sample location map for Pancontinental Resources Corporation’s St. Laurent Property, with emphasis on the 2019 Patten River gold panning composite sample. Also indicated herein are the locations of the rock samples collected during the September 2019 prospecting program.



Figure 28: Gold panning and heavy mineral concentrate collection (UTM: NAD83 17U 604732E 5470236N).

The bedrock exposure along the river is exceptional and provides a near continuous 300 m long North south section through the gabbro. The presence of mafic volcanic xenoliths is noted in several locations (see Fig. 29-31).



Figure 29: Mafic volcanic pillowed flow xenolith in Gabbro (UTM: NAD83 17U 605015E 5469876N).



Figure 30: Massive Gabbro with dark green mafic xenoliths (UTM: NAD83 17U 604998E 5469890N).



Figure 31: Distinct angular gabbro breccia UTM: NAD83 17U 604783E 5470211N).

Certificate of Qualified Person

I, Todd Keast, am a professional geologist, residing at 78 Nova Drive, Sudbury, Ontario, P3E 0A6, and do hereby certify that:

I am the author of the report titled:

“Soil Geochemical Survey and Prospecting Report for the St. Laurent Property of Pancontinental Resources Corporation, St. Laurent TWP., Larder Lake Mining Division, Ontario.”

- I am a Practising Member of the Association of Professional Geoscientists of Ontario (membership #911). I am a graduate of University of Manitoba, 1987 with a B.Sc. Honours Geology degree.
- I have practised my profession in mineral exploration continuously since graduation. I have over twenty-eight years of experience in mineral exploration and have over eighteen years of experience as an independent consultant.
- I have read the definition of “Qualified Person” set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a “Qualified Person” for the purposes of NI 43-101

Dated this 26th Day of November, 2019.

Todd Keast, P.Geo.

“Original Document signed and sealed by Todd Keast, P.Geo.” Todd Keast, P.Geo.

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Appendix A: Property Data and Sample Locations



Figure 1: GPS tracks from the soil sampling contractors that depicts their traverse from the landing site to each station on the line-grid (line eastings are shown, for a more detailed line grid layout see Fig. 2 in the body of the report). All 47 soil samples were collected June 15th, 2019.

Table 1: The client identification number, township, provincial cell number and claim unit number for each of the claim units that make up Pancontinental Resources Corporation's (PRC) St. Laurent Property. Bolded claim numbers indicate those in which soil sampling occurred and italicised claim numbers indicate those where prospecting occurred during PRC's 2019 exploration program. Bolded and Italicised claims are those in which prospecting and soil sampling occurred.

Ownership (Client Number)	Township	Cell Number	Claim Number
10001623	St. Laurent	32E05H048	268000
10001623	St. Laurent	32E05H049	237852
10001623	St. Laurent	32E05H050	324060
10001623	St. Laurent	32E05H051	113294
10001623	St. Laurent	32E05H052	170021
10001623	St. Laurent	32E05H053	274006
10001623	St. Laurent	32E05H054	200001
10001623	St. Laurent	32E05H055	236438
10001623	St. Laurent	32E05H056	322705
10001623	St. Laurent	32E05H057	169357
10001623	St. Laurent	32E05H068	220815
10001623	St. Laurent	32E05H069	268007
10001623	St. Laurent	32E05H070	334482
10001623	St. Laurent	32E05H071	171269
10001623	St. Laurent	32E05H072	220093
10001623	St. Laurent	32E05H073	220092
10001623	St. Laurent	32E05H074	303865
10001623	St. Laurent	32E05H075	187817
10001623	St. Laurent	32E05H076	151219
10001623	St. Laurent	32E05H077	320532
10001623	St. Laurent	32E05H088	334496
10001623	St. Laurent	32E05H089	324581
10001623	St. Laurent	32E05H090	311861
10001623	St. Laurent	32E05H091	136564
10001623	St. Laurent	32E05H092	113066
10001623	St. Laurent	32E05H093	267256
10001623	St. Laurent	32E05H094	323354
10001623	St. Laurent	32E05H095	333781
10001623	St. Laurent	32E05H096	199338
10001623	St. Laurent	32E05H097	273338
10001623	St. Laurent	32E05H105	200609

10001623	St. Laurent	32E05H106	304455
10001623	St. Laurent	32E05H107	141903
10001623	St. Laurent	32E05H108	111947
10001623	St. Laurent	32E05H109	277052
10001623	St. Laurent	32E05H110	204380
10001623	St. Laurent	32E05H111	139080
10001623	St. Laurent	32E05H112	141285
10001623	St. Laurent	32E05H113	255155
10001623	St. Laurent	32E05H114	274007
10001623	St. Laurent	32E05H115	333782
10001623	St. Laurent	32E05H116	322706
10001623	St. Laurent	32E05H117	199339
10001623	St. Laurent	32E05H124	237208
10001623	St. Laurent	32E05H125	155995
10001623	St. Laurent	32E05H126	113172
10001623	St. Laurent	32E05H127	136441
10001623	St. Laurent	32E05H128	240326
10001623	St. Laurent	32E05H129	277053
10001623	St. Laurent	32E05H130	211165
10001623	St. Laurent	32E05H131	111948
10001623	St. Laurent	32E05H132	240325
10001623	St. Laurent	32E05H133	334092
10001623	St. Laurent	32E05H134	334901
10001623	St. Laurent	32E05H135	207355
10001623	St. Laurent	32E05H136	320533
10001623	St. Laurent	32E05H137	151220
10001623	St. Laurent	32E05H144	237208
10001623	St. Laurent	32E05H145	311230
10001623	St. Laurent	32E05H146	141904
10001623	St. Laurent	32E05H147	113173
10001623	St. Laurent	32E05H148	191690
10001623	St. Laurent	32E05H149	248389
10001623	St. Laurent	32E05H150	211165
10001623	St. Laurent	32E05H151	211166
10001623	St. Laurent	32E05H152	355284
10001623	St. Laurent	32E05H153	310616
10001623	St. Laurent	32E05H154	274019
10001623	St. Laurent	32E05H155	155376
10001623	St. Laurent	32E05H156	171899
10001623	St. Laurent	32E05H157	334613
10001623	St. Laurent	32E05H164	274629
10001623	St. Laurent	32E05H165	334344
10001623	St. Laurent	32E05H166	141905

10001623	St. Laurent	32E05H167	155996
10001623	St. Laurent	32E05H168	173653
10001623	St. Laurent	32E05H169	259899
10001623	St. Laurent	32E05H170	314383
10001623	St. Laurent	32E05H171	111949
10001623	St. Laurent	32E05H172	335285
10001623	St. Laurent	32E05H173	170030
10001623	St. Laurent	32E05H174	113076
10001623	St. Laurent	32E05H175	220102
10001623	St. Laurent	32E05H176	256517
10001623	St. Laurent	32E05H177	238504
10001623	St. Laurent	32E05H181	135840
10001623	St. Laurent	32E05H182	323335
10001623	St. Laurent	32E05H183	135839
10001623	St. Laurent	32E05H184	254520
10001623	St. Laurent	32E05H185	273368
10001623	St. Laurent	32E05H186	303207
10001623	St. Laurent	32E05H187	236439
10001623	St. Laurent	32E05H188	211169
10001623	St. Laurent	32E05H189	211168
10001623	St. Laurent	32E05H190	326563
<i>10001623</i>	<i>St. Laurent</i>	<i>32E05H191</i>	<i>335286</i>
10001623	St. Laurent	32E05H192	139081
10001623	St. Laurent	32E05H193	155377
10001623	St. Laurent	32E05H194	274020
10001623	St. Laurent	32E05H195	169998
10001623	St. Laurent	32E05H196	113039
10001623	St. Laurent	32E05H197	199969
10001623	St. Laurent	32E05H201	113067
10001623	St. Laurent	32E05H202	200003
10001623	St. Laurent	32E05H203	200002
10001623	St. Laurent	32E05H204	199353
10001623	St. Laurent	32E05H205	207364
10001623	St. Laurent	32E05H206	154717
10001623	St. Laurent	32E05H207	135173
10001623	St. Laurent	32E05H208	151234
10001623	St. Laurent	32E05H209	155436
10001623	St. Laurent	32E05H210	200561
10001623	St. Laurent	32E05H211	255213
<i>10001623</i>	<i>St. Laurent</i>	<i>32E05H212</i>	<i>141878</i>
10001623	St. Laurent	32E05H213	200589
10001623	St. Laurent	32E05H214	323919
10001623	St. Laurent	32E05H215	236563

10001623	St. Laurent	32E05H216	169999
10001623	St. Laurent	32E05H217	334070
10001623	St. Laurent	32E05H221	255156
10001623	St. Laurent	32E05H222	267257
10001623	St. Laurent	32E05H223	274008
10001623	St. Laurent	32E05H224	236456
10001623	St. Laurent	32E05H225	303208
10001623	St. Laurent	32E05H226	154719
10001623	St. Laurent	32E05H227	154718
10001623	St. Laurent	32E05H228	187832
10001623	St. Laurent	32E05H229	323406
10001623	St. Laurent	32E05H230	237155
10001623	St. Laurent	32E05H231	208580
10001623	St. Laurent	32E05H232	255235
10001623	St. Laurent	32E05H233	267844
10001623	St. Laurent	32E05H234	274605
10001623	St. Laurent	32E05H235	273980
10001623	St. Laurent	32E05H236	113041
10001623	St. Laurent	32E05H237	113040
10001623	St. Laurent	32E05H241	155369
10001623	St. Laurent	32E05H242	274009
10001623	St. Laurent	32E05H243	267258
10001623	St. Laurent	32E05H244	333797
10001623	St. Laurent	32E05H245	236457
10001623	St. Laurent	32E05H246	322720
10001623	St. Laurent	32E05H247	187833
10001623	St. Laurent	32E05H248	266596
10001623	St. Laurent	32E05H249	237156
10001623	St. Laurent	32E05H250	311172
10001623	St. Laurent	32E05H251	274582
10001623	St. Laurent	32E05H252	135921
10001623	St. Laurent	32E05H253	220175
10001623	St. Laurent	32E05H254	135920
10001623	St. Laurent	32E05H255	154696
10001623	St. Laurent	32E05H256	266573
10001623	St. Laurent	32E05H257	170000
10001623	St. Laurent	32E05H264	137173
10001623	St. Laurent	32E05H265	257391
10001623	St. Laurent	32E05H266	142654
10001623	St. Laurent	32E05H267	238487
10001623	St. Laurent	32E05H268	256507
10001623	St. Laurent	32E05H269	262780
10001623	St. Laurent	32E05H270	132038

10001623	St. Laurent	32E05H271	238442
10001623	St. Laurent	32E05H272	156677
10001623	St. Laurent	32E05H273	324646
10001623	St. Laurent	32E05H274	137141
10001623	St. Laurent	32E05H275	135151
10001623	St. Laurent	32E05H276	303184
10001623	St. Laurent	32E05H277	151210
10001623	St. Laurent	32E05H284	256508
10001623	St. Laurent	32E05H285	221408
10001623	St. Laurent	32E05H286	171392
10001623	St. Laurent	32E05H287	311969
10001623	St. Laurent	32E05H288	221407
10001623	St. Laurent	32E05H289	233500
10001623	St. Laurent	32E05H290	332839
10001623	St. Laurent	32E05H291	201313
10001623	St. Laurent	32E05H292	334554
10001623	St. Laurent	32E05H293	113370
10001623	St. Laurent	32E05H294	334533
10001623	St. Laurent	32E05H295	303185
10001623	St. Laurent	32E05H296	254505
10001623	St. Laurent	32E05H297	320527
10001623	St. Laurent	32E05H304	142655
10001623	St. Laurent	32E05H305	324688
10001623	St. Laurent	32E05H306	113420
10001623	St. Laurent	32E05H307	275337
10001623	St. Laurent	32E05H308	113419
10001623	St. Laurent	32E05H309	132039
10001623	St. Laurent	32E05H310	317872
10001623	St. Laurent	32E05H311	324647
10001623	St. Laurent	32E05H312	275308
10001623	St. Laurent	32E05H313	113371
10001623	St. Laurent	32E05H314	238443
10001623	St. Laurent	32E05H315	322697
10001623	St. Laurent	32E05H316	266574
10001623	St. Laurent	32E05H317	151211
10001623	St. Laurent	32E06H324	142656
10001623	St. Laurent	32E06H325	305160
10001623	St. Laurent	32E06H326	256509
10001623	St. Laurent	32E06H327	311970
10001623	St. Laurent	32E06H328	201869
10001623	St. Laurent	32E06H329	233501
10001623	St. Laurent	32E06H330	270759
10001623	St. Laurent	32E06H331	257349

10001623	St. Laurent	32E06H332	142616
10001623	St. Laurent	32E06H333	201314
10001623	St. Laurent	32E06H334	256477
10001623	St. Laurent	32E06H335	273331
10001623	St. Laurent	32E06H336	199331
10001623	St. Laurent	32E06H337	207353

Table 2: Sample numbers and the corresponding locations for each mobile-metal-ions soil geochemical survey, location data is recorded in Universal Transverse Mercator coordinates (NAD83 UTM Zone 17). Samples collection was based on a line-grid where samples were sought to be collected every 25 meters North-South (200N-500N), and every 100 meters East-West (L0-L4 East).

Sample Number	UTM East	Line Number East	UTM North	Line Number North
X948401	603600	L0 East	5469200	200 N
X948402	603600	L0 East	5469225	225 N
X948403	603600	L0 East	5469250	250 N
X948404	603600	L0 East	5469275	275 N
X948405	603600	L0 East	5469300	300 N
X948406	603600	L0 East	5469325	325 N
X948407	603600	L0 East	5469350	350 N
X948408	603600	L0 East	5469375	375 N
X948409	603600	L0 East	5469400	400 N
X948410	603600	L0 East	5469425	425 N
X948411	603600	L0 East	5469450	450 N
X948412	603700	L1 East	5469225	225 N
X948413	603700	L1 East	5469250	250 N
X948414	603700	L1 East	5469275	275 N
X948415	603700	L1 East	5469300	300 N
X948416	603700	L1 East	5469325	325 N
X948417	603700	L1 East	5469375	375 N
X948418	603700	L1 East	5469400	400 N
X948419	603700	L1 East	5469425	425 N
X948420	603700	L1 East	5469475	475 N
X948421	603800	L2 East	5469250	250 N
X948422	603800	L2 East	5469275	275 N
X948423	603800	L2 East	5469300	300 N
X948424	603800	L2 East	5469325	325 N
X948425	603800	L2 East	5469350	350 N
X948426	603800	L2 East	5469375	375 N
X948427	603800	L2 East	5469400	400 N
X948428	603800	L2 East	5469425	425 N

X948429	603800	L2 East	5469450	450 N
X948430	603800	L2 East	5469475	475 N
X948431	603800	L2 East	5469500	500 N
X948432	603900	L3 East	5469250	250 N
X948433	603900	L3 East	5469275	275 N
X948434	603900	L3 East	5469325	325 N
X948435	603900	L3 East	5469350	350 N
X948436	603900	L3 East	5469375	375 N
X948437	603900	L3 East	5469400	400 N
X948438	603900	L3 East	5469425	425 N
X948439	603900	L3 East	5469450	450 N
X948440	603900	L3 East	5469475	475 N
X948441	603900	L3 East	5469500	500 N
X948442	604000	L4 East	5469275	275 N
X948443	604000	L4 East	5469300	300 N
X948444	604000	L4 East	5469325	325 N
X948445	604000	L4 East	5469350	350 N
X948446	604000	L4 East	5469375	375 N
X948447	604000	L4 East	5469400	400 N

Appendix B: Soil Geochemical Assay Results

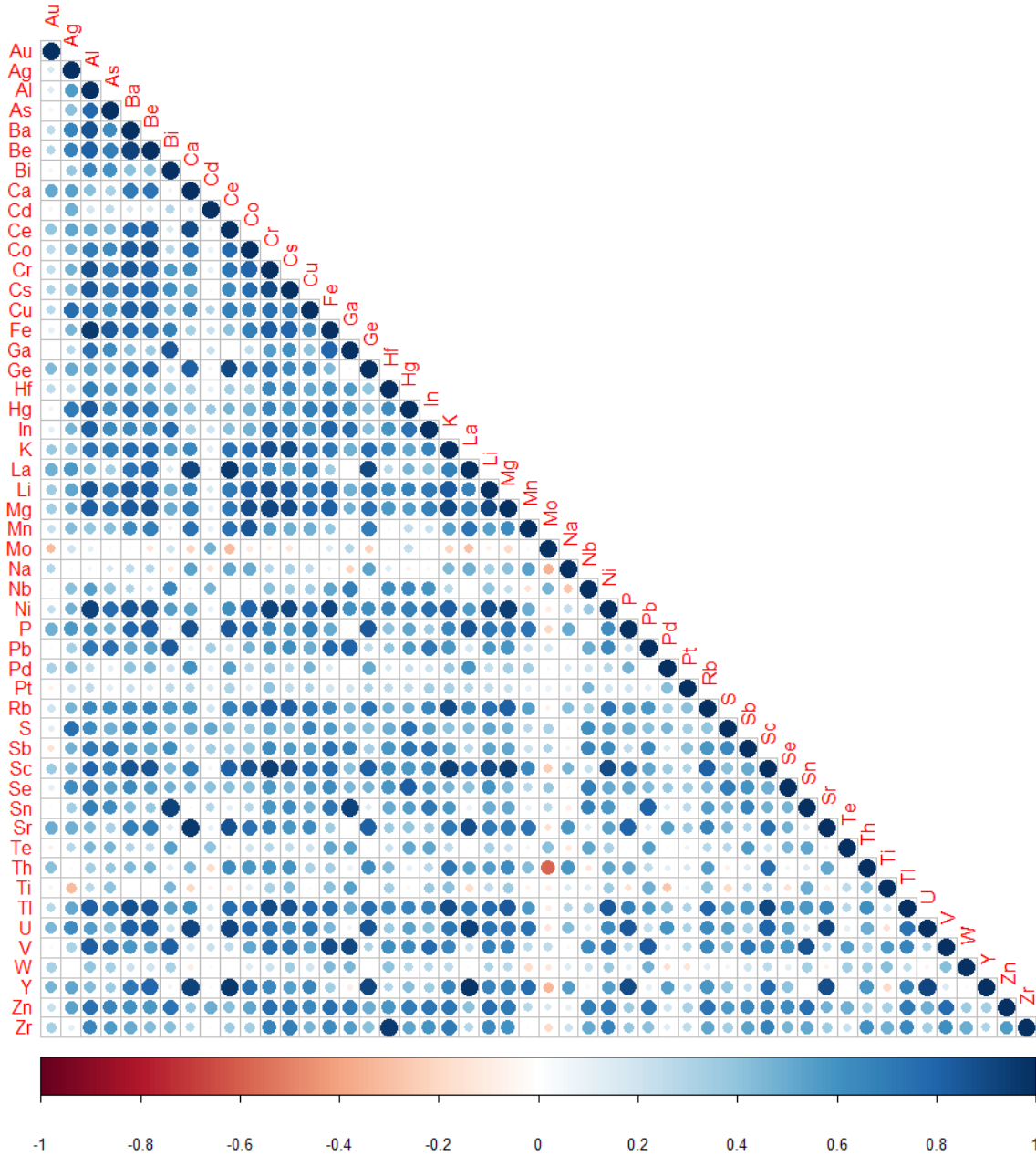


Figure 1: Spearman-Rank correlation plot for all elements quantified by mobile-metal-ions soil geochemical survey on Pancontinental Resources Corporation’s St. Laurent Property, where the size and shade of the dots indicate the strength of the Spearman’s correlation coefficient for each pair of elements. Blue coloration of dots indicates positive correlation, white coloration indicates zero correlation, and red indicates negative correlation. The data for each analyte was \log_{10} -transformed, and the data for platinum and palladium was $\log_{10}(x+0.0001)$ -transformed to negate artificial zeros.

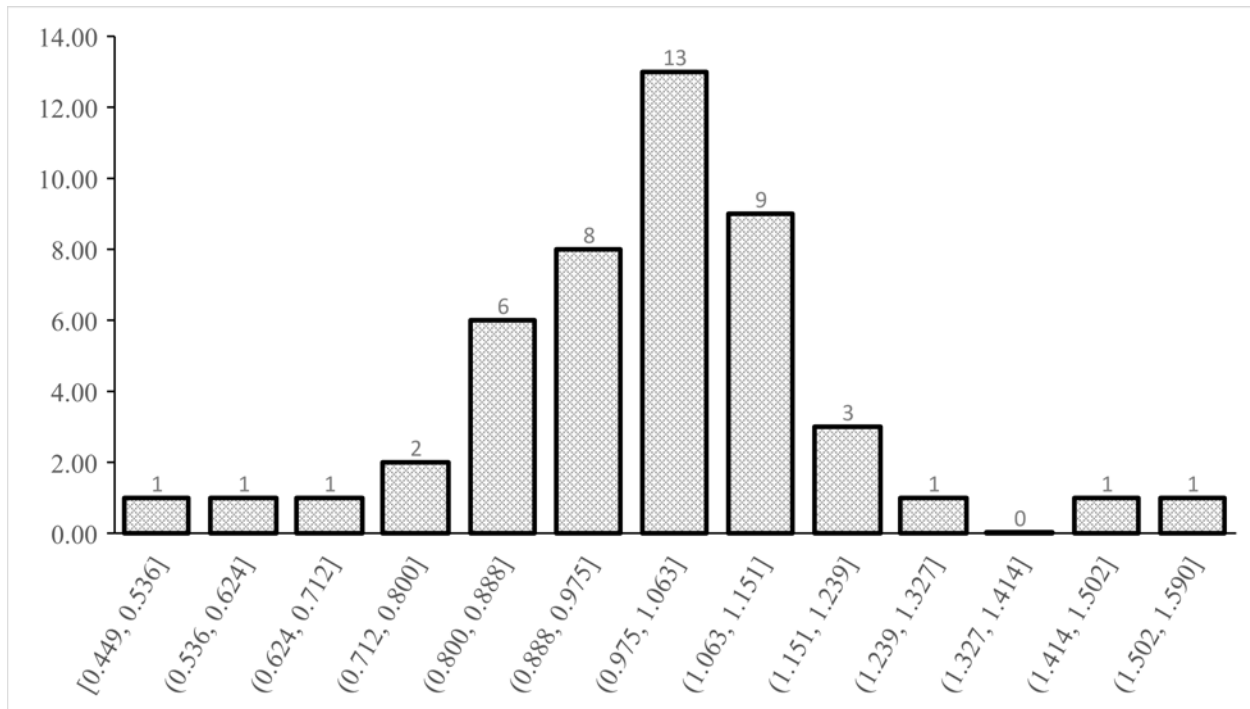


Figure 2: Log-transformed copper values (x-axis) were considered normally distributed according to Lilliefors (Kolmogorov-Smirnov) normality test ($D = 0.091$, $p = 0.416$). Frequencies (y-axis) and lower bin limits were used to generate the cumulative frequency plot (App. B: Fig. 10).

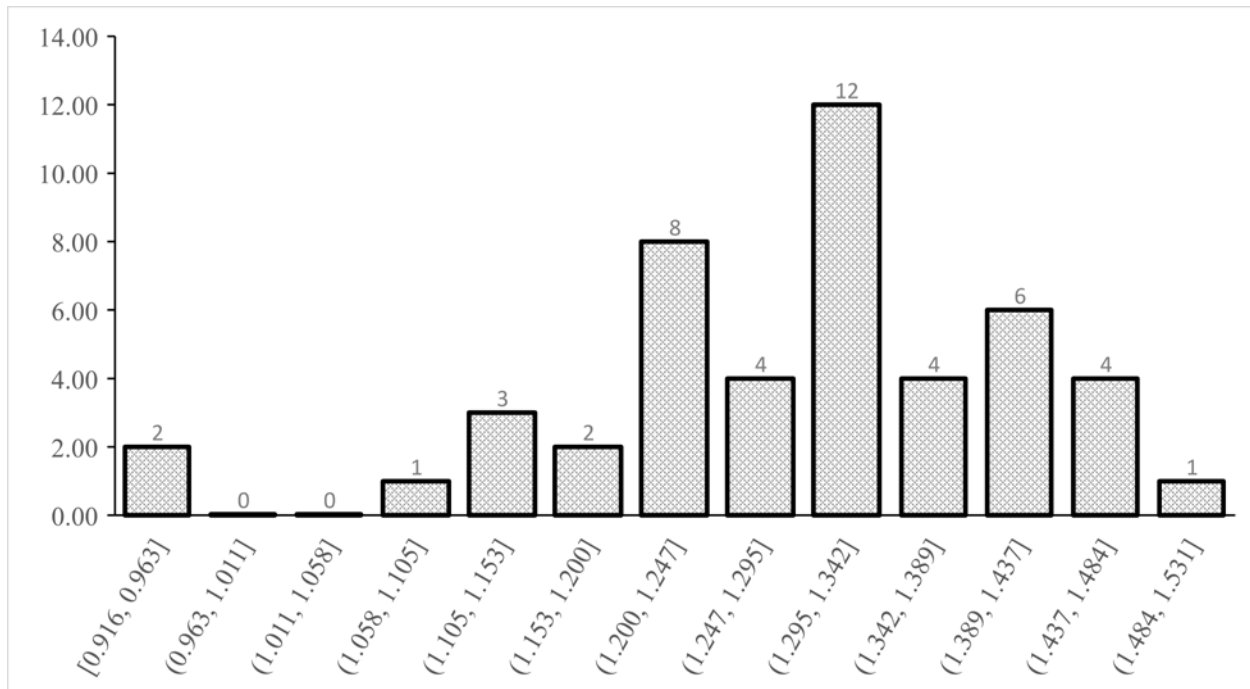


Figure 3 Log-transformed nickel values (x-axis) were considered normally distributed according to Lilliefors (Kolmogorov-Smirnov) normality test ($D = 0.101$, $p = 0.263$). Frequencies (y-axis) and lower bin limits were used to generate the cumulative frequency plot (App. B: Fig. 11).

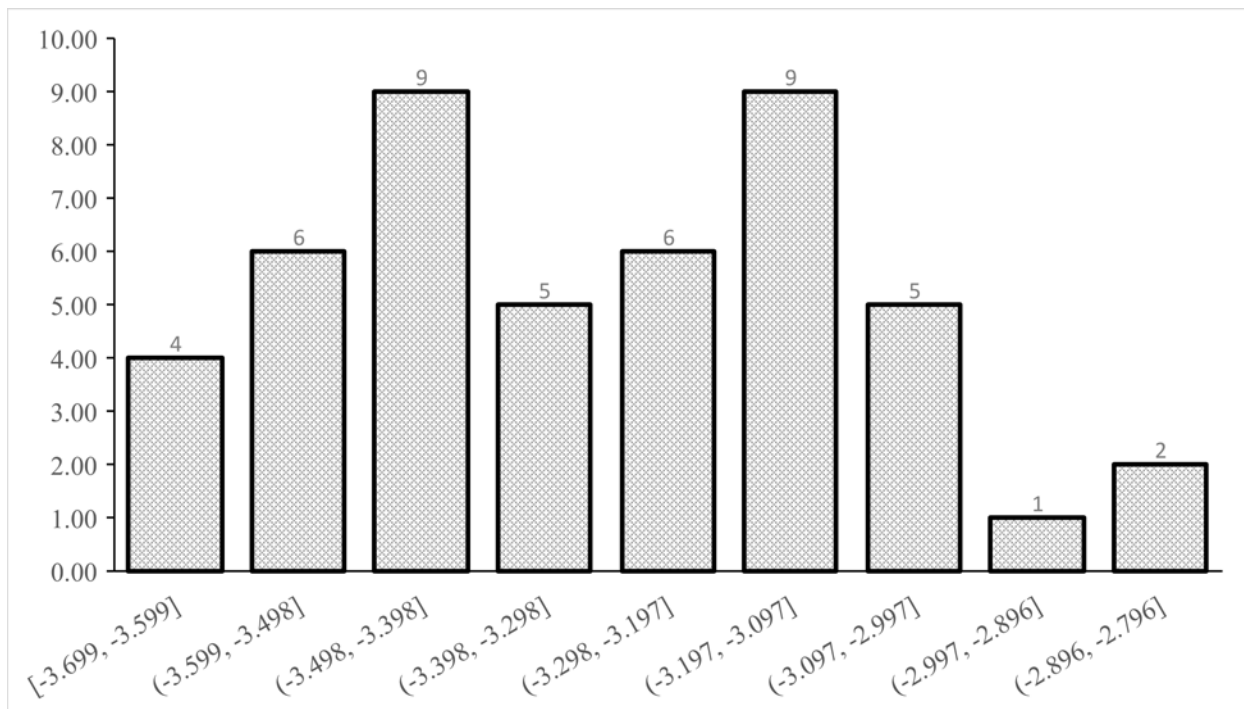


Figure 4: Log-transformed gold values (x-axis) were considered normally distributed according to Lilliefors (Kolmogorov-Smirnov) normality test ($D = 0.104$, $p = 0.223$). The low number of bins is attributed low assay precision, where most values in the distribution were less than 10.0 ppb with an assay precision of 1.0 ppb. Frequencies (y-axis) and lower bin limits were used to generate the cumulative frequency plot (App. B: Fig. 12).

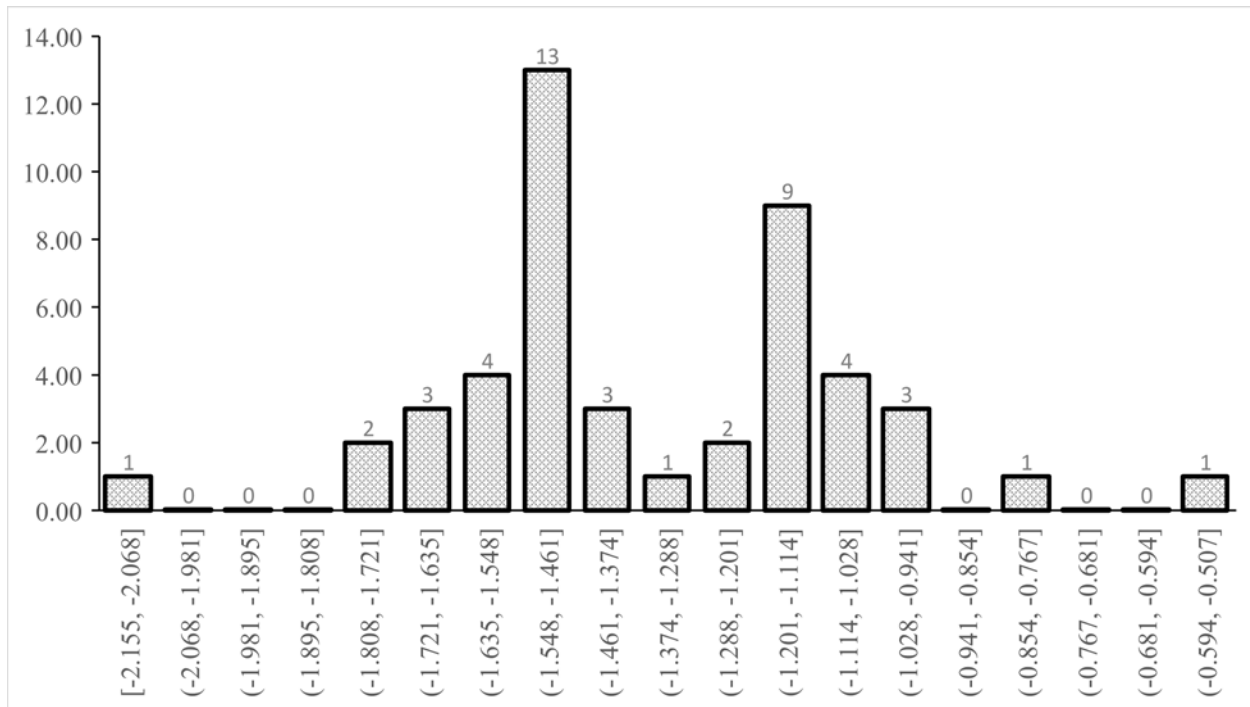


Figure 5: Log-transformed silver values (x-axis) were considered non-normally distributed according to Lilliefors (Kolmogorov-Smirnov) normality test ($D = 0.145$, $p = 0.015$). Data appears to be bimodally distributed, accounting for the departure from normality. Frequencies (y-axis) and lower bin limits were used to generate the cumulative frequency plot (App. B: Fig. 13).

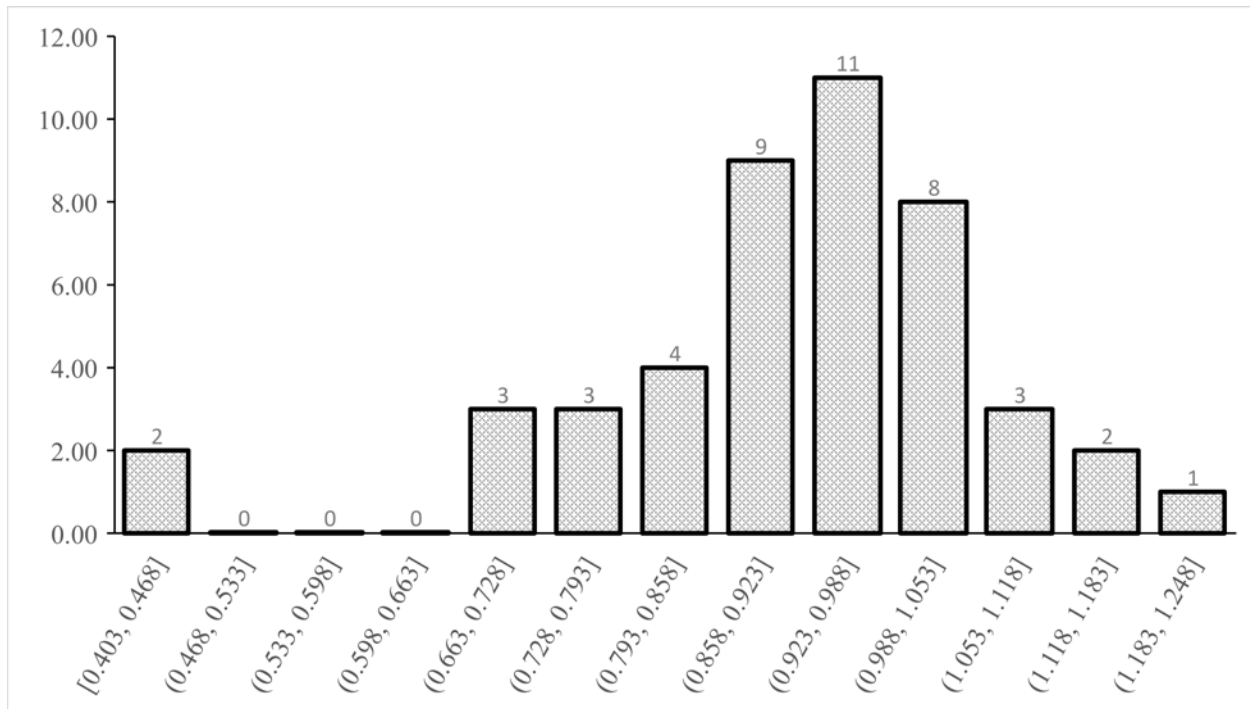


Figure 6: Log-transformed cobalt values (x-axis) were considered normally distributed according to Lilliefors (Kolmogorov-Smirnov) normality test ($D = 0.122$, $p = 0.078$). Frequencies (y-axis) and lower bin limits were used to generate the cumulative frequency plot (App. B: Fig. 14).

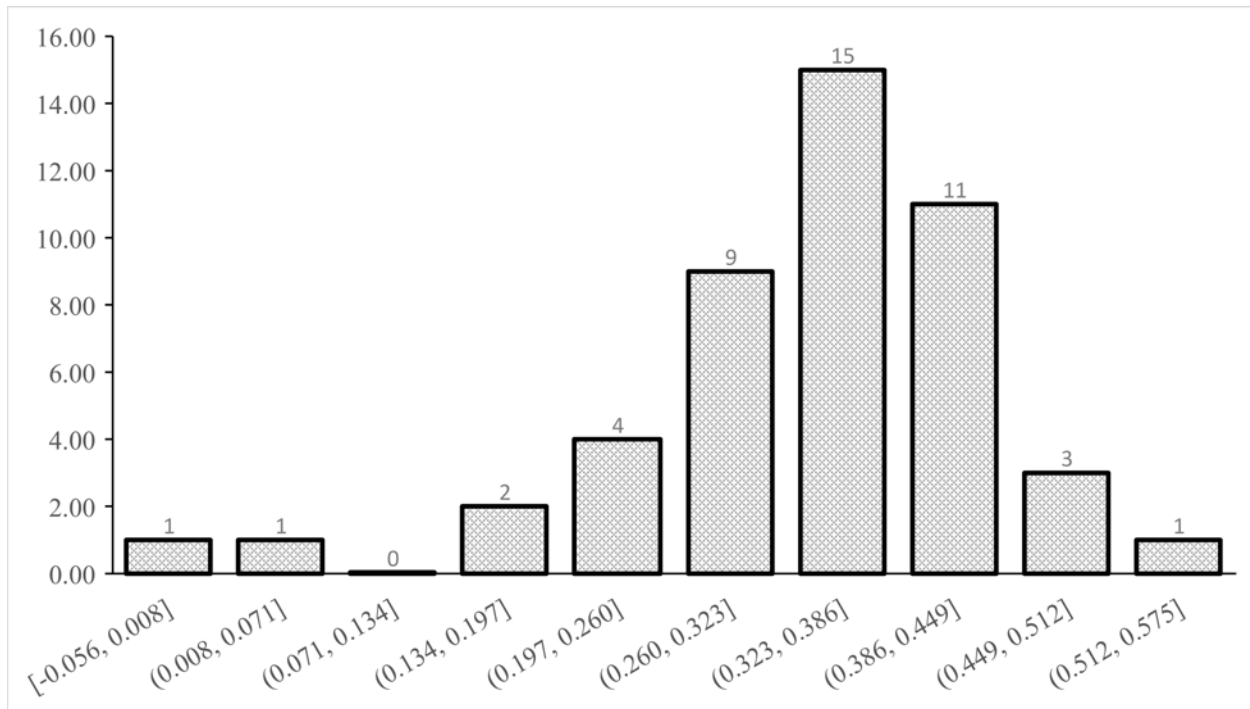


Figure 7: Log-transformed arsenic values (x-axis) were considered normally distributed according to Lilliefors (Kolmogorov-Smirnov) normality test ($D = 0.121$, $p = 0.081$). Frequencies (y-axis) and lower bin limits were used to generate the cumulative frequency plot (App. B: Fig. 15).

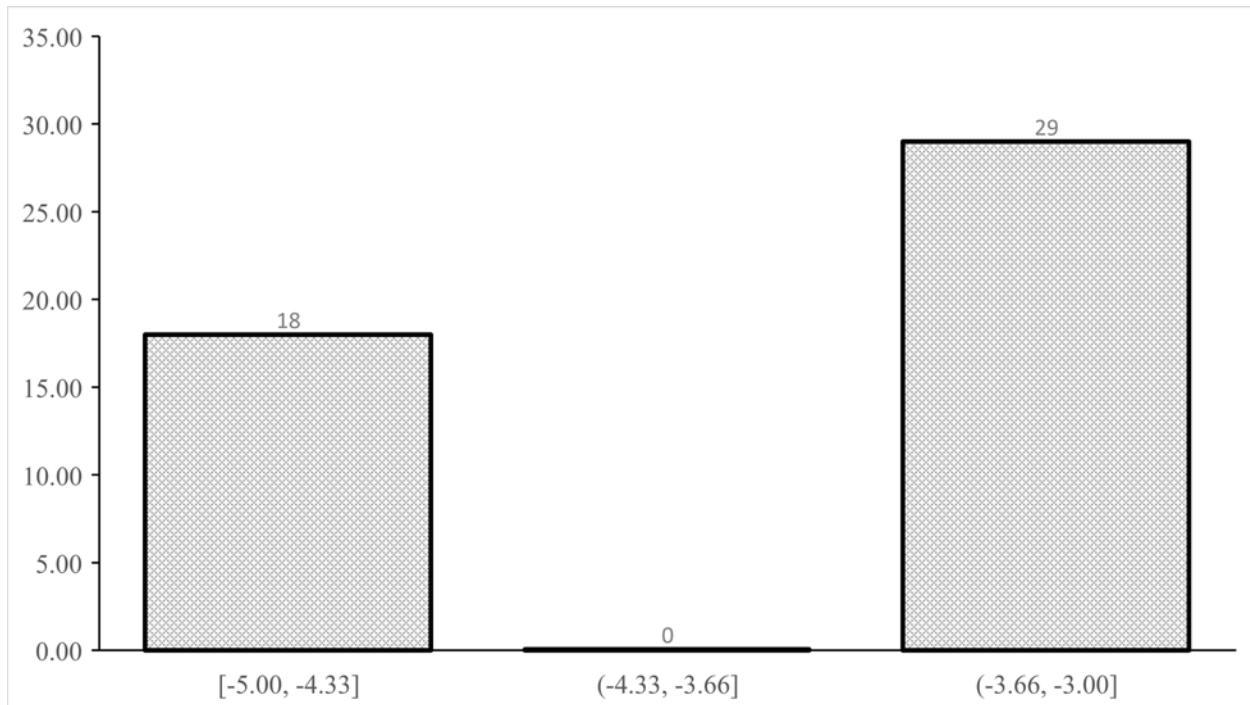


Figure 8: Log-transformed platinum values, further transformed by $\log(0.00001+x)$ to avoid zero values (x-axis), were considered highly non-normally distributed according to Lilliefors (Kolmogorov-Smirnov) normality test ($D = 0.399$, $p = 0.000$). Given the severe lack of normality and poor distribution, log-cumulative distribution plots could not be generated from the data seen herein.

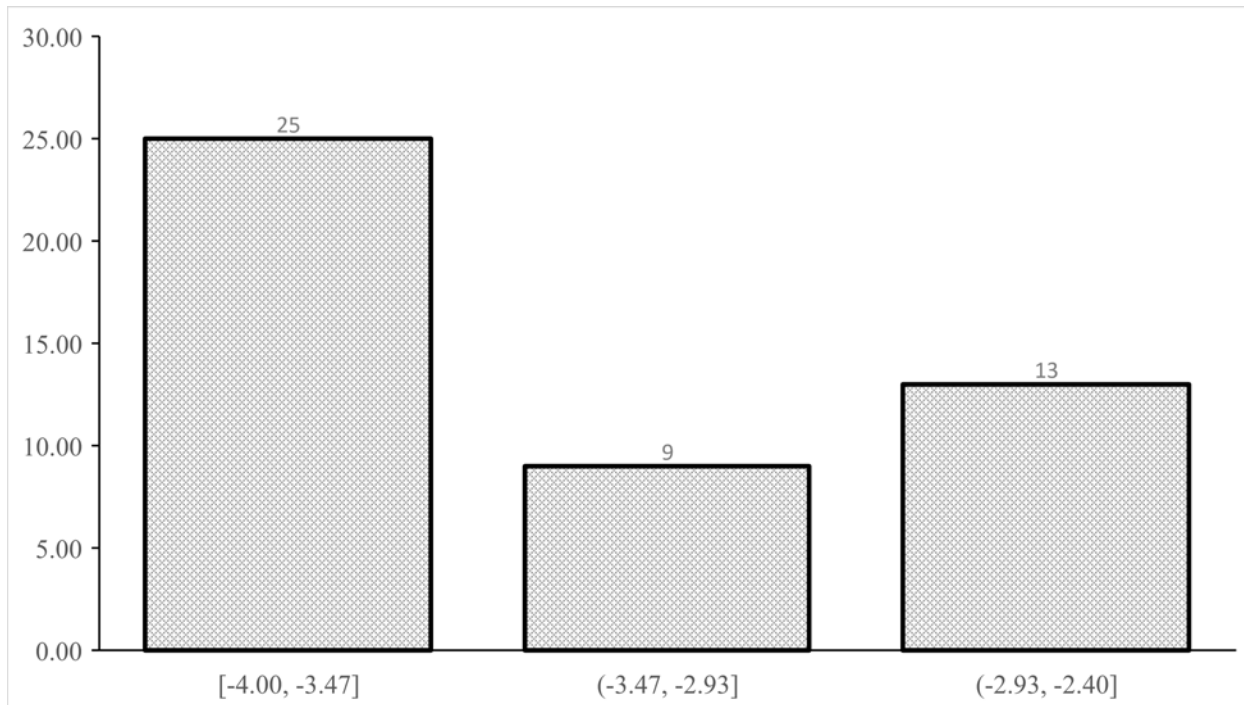


Figure 9: Log-transformed palladium values, further transformed by $\log(0.00001+x)$ to avoid zero values (x-axis), were considered highly non-normally distributed according to Lilliefors (Kolmogorov-Smirnov) normality test ($D = 0.316$, $p = 0.000$). Given the severe lack of normality and poor distribution, log-cumulative distribution plots were not generated from the data seen herein.

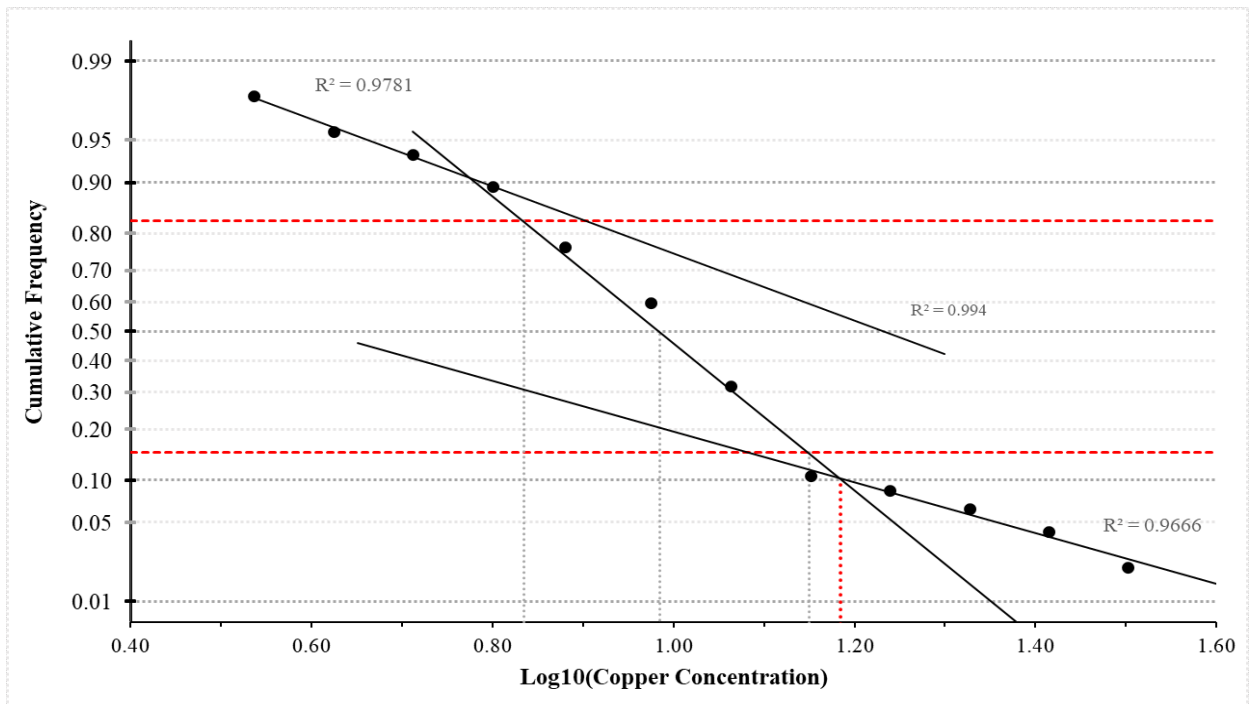


Figure 10: Log-cumulative distribution plot used to generate outlier thresholds for copper identified by soil geochemical survey on Pancontinental Resource Corporation’s St. Laurent property. The abscissa of the far-left breaking point indicates the limit above which there is a departure from a log-normal distribution, which is caused by the presence of excessively low values in the distribution. The abscissa of the far-right breaking point indicates the limit above which there is a departure from a log-normal distribution, which is caused by the presence of excessively high values in the distribution. In this case the far-right breakpoint is used as the outlier threshold (15.0 ppm) for this distribution, and the far outlier threshold (21.0 ppm) is calculated as described above.

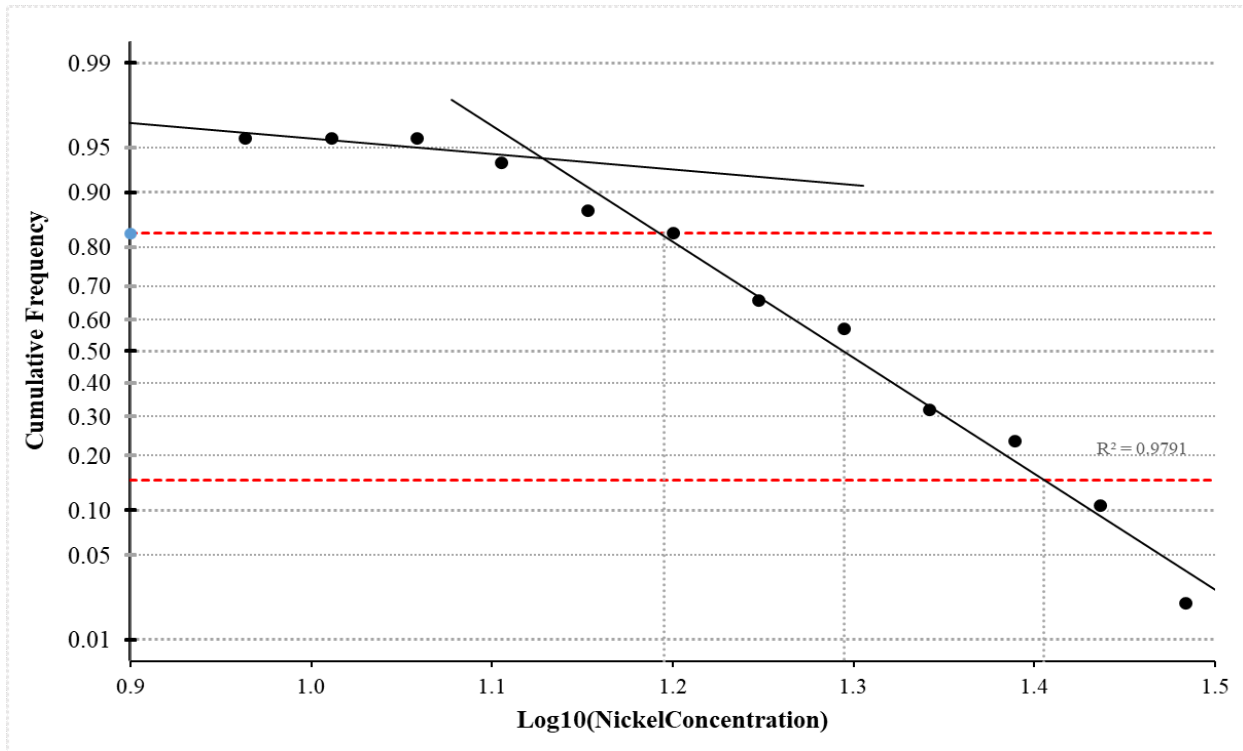


Figure 11: Log-cumulative distribution plot used to generate outlier thresholds for nickel identified by soil geochemical survey on Pancontinental Resource Corporation’s St. Laurent property. The abscissa of the breaking point indicates the limit above which there is a departure from a log-normal distribution, which is caused by an excess of low values in the distribution. The outlier (28.0 ppm) and far-outlier (33.0 ppm) are calculated from this figure as described above.

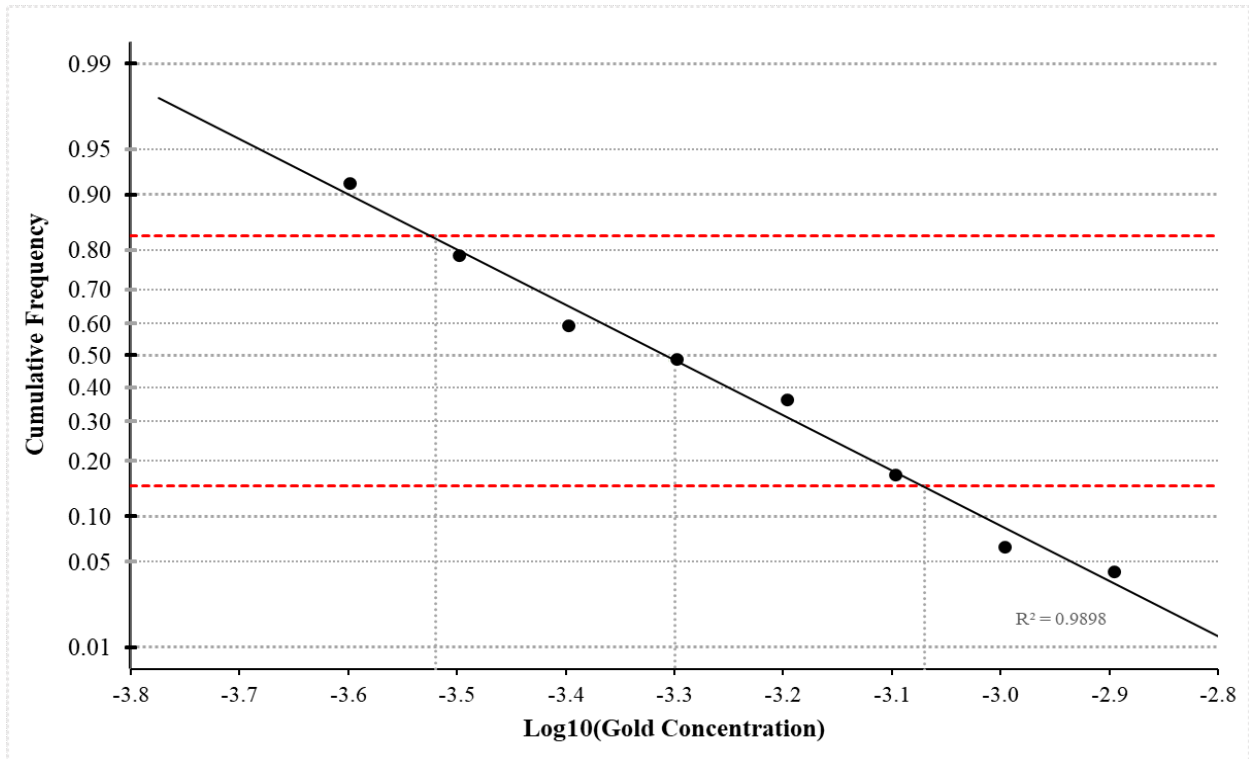


Figure 12: Log-cumulative distribution plot used to generate outlier thresholds for gold identified by soil geochemical survey on Pancontinental Resource Corporation’s St. Laurent property. The outlier (1.0 ppb) and far-outlier (1.4 ppb) are calculated from this figure as described above.

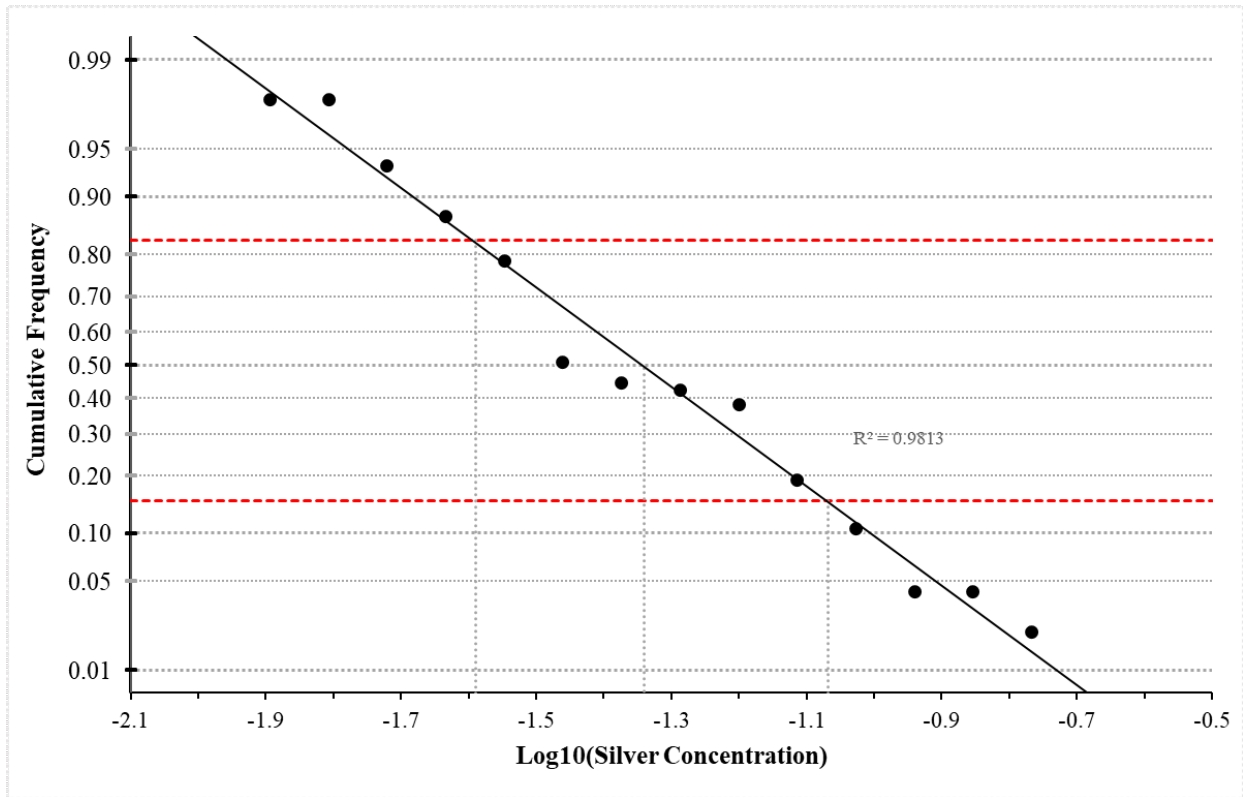


Figure 13: Log-cumulative distribution plot used to generate outlier thresholds for silver identified by soil geochemical survey on Pancontinental Resource Corporation’s St. Laurent property. The outlier (10.0 ppb) and far-outlier (16.0 ppb) are calculated from this figure as described above.

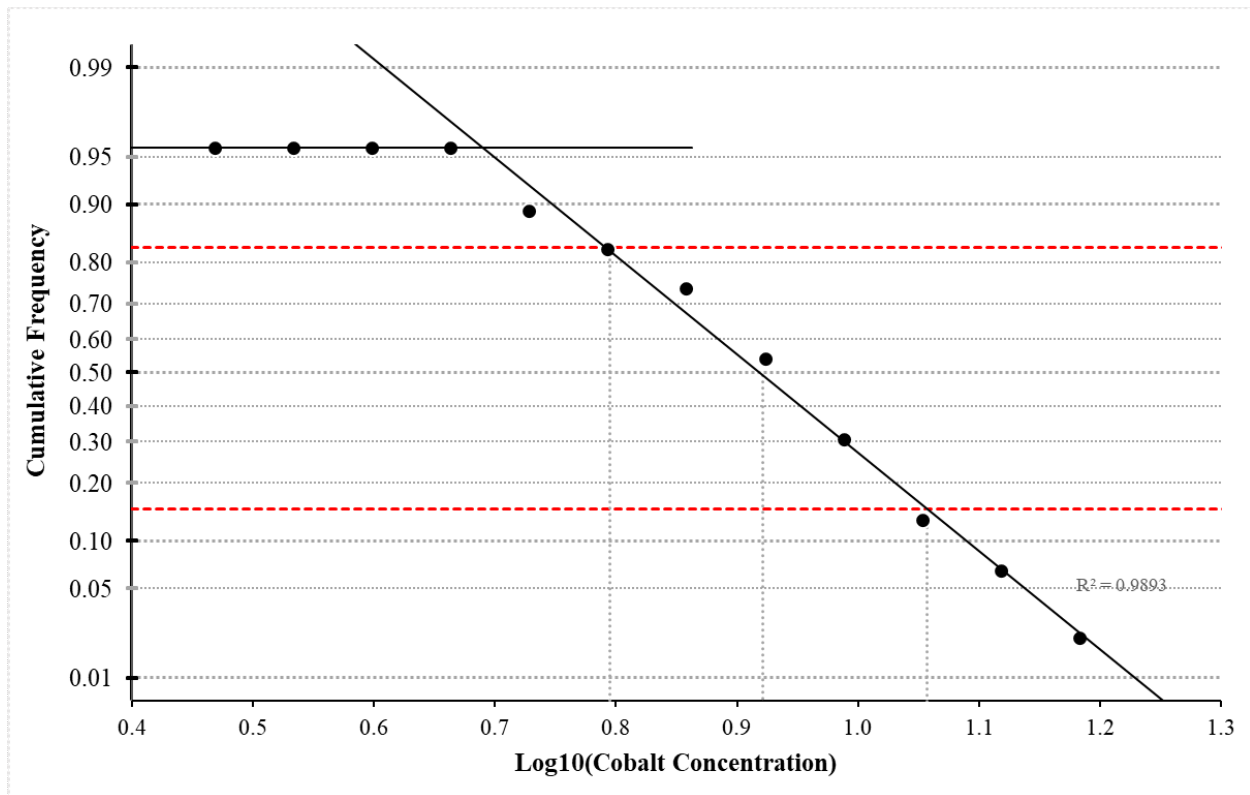


Figure 14: Log-cumulative distribution plot used to generate outlier thresholds for cobalt identified soil geochemical survey on Pancontinental Resource Corporation’s St. Laurent property. The abscissa of the breaking point indicates the limit above which there is a departure from a log-normal distribution, which is caused by an excess of low values in the distribution. The outlier (13.0 ppm) and far-outlier (16.0 ppm) are calculated from this figure as described above.

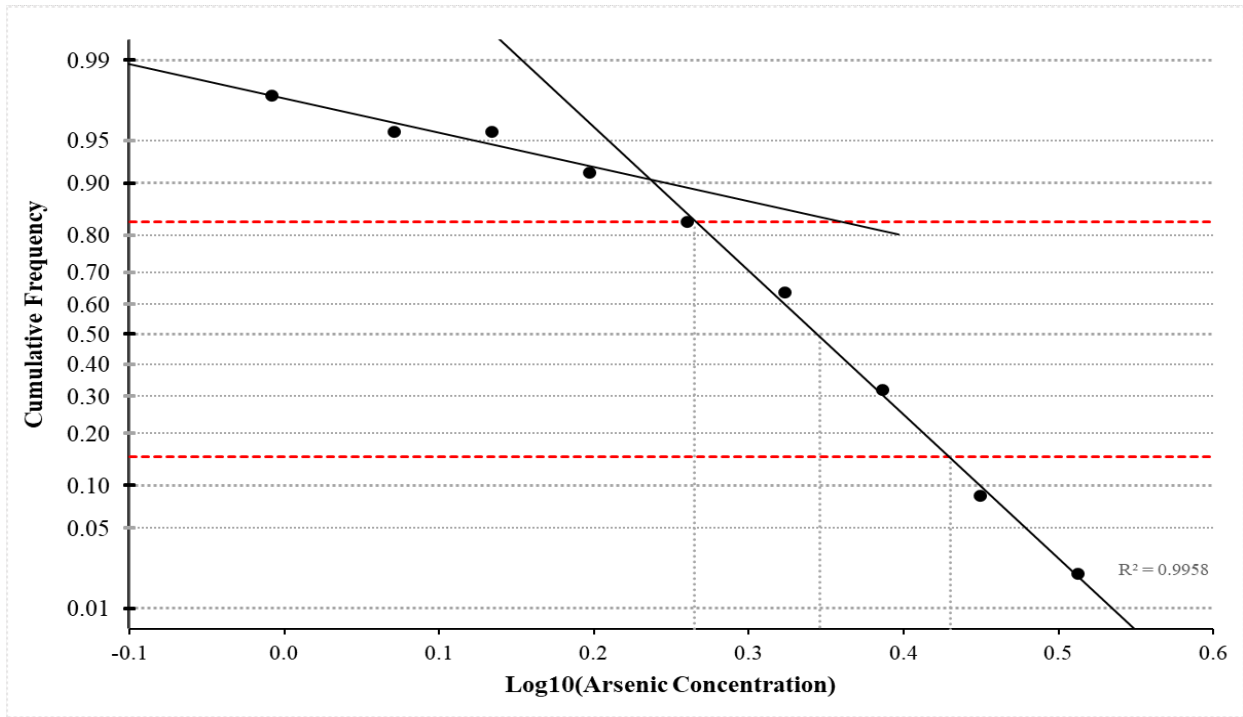


Figure 15: Log-cumulative distribution plot used to generate outlier thresholds for arsenic identified by soil geochemical survey on Pancontinental Resource Corporation’s St. Laurent property. The abscissa of the breaking point indicates the limit above which there is a departure from a log-normal distribution, which is caused by an excess of low values in the distribution. The outlier (2.8 ppm) and far-outlier (3.3 ppm) are calculated from this figure as described above.

Appendix C: Prospecting Results

Table 1: Assay results from Pancontinental Resources Corporation's prospecting program on the St. Laurent property, samples were collected on June 15th, 2019. Sample coordinates (East and North) are given in Universal Transverse Mercator units (NAD83, UTM Zone 17). The sample identifier (Sample ID), lithology, estimated sulphide percentage (Sulphide), magnetic susceptibility and other identifying characteristics (Other) are given for each sample. Nickel (Ni), copper (Cu), cobalt (Co), sulphur (S), gold (Au), platinum (Pt), and palladium (Pd) concentrations are also reported for each sample, which were quantified through assay by ALS.

Sample ID	East	North	Lithology	Ni (%)	Cu (%)	Co (%)	S (%)	Au (ppm)	Pt (ppm)	Pd (ppm)	Sulphide	MS	Other
X948351	603649	5469254	Gab Breccia	0.007	0.028	0.003	0.41	0.001	<0.005	<0.001	trace cpy	0.7	Good Outcrop exposure, coarse grained
X948352	603622	5469249	Gab Breccia	0.014	0.007	0.004	0.05	0.001	<0.005	<0.001	trace	0.42	Good Outcrop exposure, coarse grained
X948353	603626	5469254	Gabbro	0.014	<0.005	0.005	0.08	<0.001	<0.005	<0.001	N/A	0.3	Good Outcrop exposure, coarse grained
X948354	603581	5469293	Mafic Flow	0.014	0.045	0.007	1.91	0.001	<0.005	<0.001	3-5% po, py	4.5	Good Outcrop exposure, pillowed and pillow breccia
X948355	603580	5469292	Mafic Flow	0.015	0.014	0.005	0.76	0.001	<0.005	<0.001	2-3% po, py	1.3	Good Outcrop exposure, pillowed and pillow breccia
X948356	603586	5469300	Mafic Flow	0.007	0.016	0.004	0.63	<0.001	<0.005	<0.001	trace	0.52	Good Outcrop exposure, pillowed and pillow breccia

Table 2: Assay results from Pancontinental Resources Corporation's prospecting program on the St. Laurent property, samples were collected on September 23rd, 2019. Sample coordinates (East and North) are given in Universal Transverse Mercator units (NAD83, UTM Zone 17). The sample identifier (Sample ID), lithology, estimated sulphide percentage (Sulphide), and other identifying characteristics (Other) are given for each sample. Gold (Au) concentrations are reported for each sample, which were quantified through assay by ALS.

Sample ID	East	North	Lithology	Au (ppm)	Sulphide	Other
X948952	604983	5469883	Quartz Vein	<0.001	N/A	N/A
X948953	604985	5469883	Quartz Vein	0.003	N/A	N/A
X948954	604989	5469883	Quartz Vein	0.018	N/A	N/A
X948955	605015	5469875	Quartz Vein	<0.001	N/A	N/A
X948956	605019	5469888	Quartz Vein	0.098	15% py	Float with 15% py in nodules

Table 3: Assay results from Pancontinental Resources Corporation's prospecting program on the St. Laurent property, where a sample heavy mineral concentrate was generated from six samples that were collected and panned from the riverbed of pattern river on September 23rd, 2019 (see Fig. 27 in the body of the report for the individual sample locations that make up the composite). The approximate area where panning occurred is indicated (East and North) by Universal Transverse Mercator units (NAD83, UTM Zone 17). Sample identifiers (Sample ID), lithology; and Gold (Au), platinum (Pt) and palladium (Pd) concentrations, are reported for the two samples assayed by ALS.

Sample ID	East	North	Lithology	Au (ppm)	Pt (ppm)	Pd (ppm)
X948957	604714	5470243	Panned Heavy Mineral Concentrate	0.576	0.0008	<0.001
X948958	N/A	N/A	Blank	<0.001	0.0006	<0.001

Appendix D: Assay Certificates

Note 1: Soil Sample Assay Procedure:

All sample preparation procedures were conducted by ALS Sudbury, located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada. Here, soil samples were prepared by PREP-31 protocol; see “ALS (2019) Schedule of Services and Fees” for more detailed information pertaining to these specific sample preparation procedures. Briefly, sample preparation consisted of fine crushing of samples to less than 2.0 mm, subsequent pulverization of fractions to less than 75 µm, and determination of fraction weights for each sample.

All prepared samples were then assayed by ALS Vancouver, located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Here, sample preparations were assayed by AuME-ST44; see “ALS (2019) Schedule of Services and Fees” for more detailed information pertaining to this assay protocol. Briefly, aliquots of 50 grams from each sample underwent cyanide and aqua regia digestion, followed by multi-element geochemical assay by inductively coupled plasma mass spectrometry. A list of the elements quantified can be found in the assay certificates for the soil Geochemical survey (App. 3: Fig 2).

Note 2: Rock Sample Assay Procedure:

All sample preparation procedures were conducted by ALS Sudbury, located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada. Here, soil samples were prepared by PREP-31 protocol; see “ALS (2019) Schedule of Services and Fees” for more detailed information pertaining to these specific sample preparation procedures. Briefly, sample preparation consisted of fine crushing of samples to less than 2.0 mm, subsequent pulverization of fractions to less than 75 µm, and determination of fraction weights for each sample.

All prepared samples were then assayed by ALS Vancouver, located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Here, sample preparations were assayed for nickel, copper, cobalt, and sulfur by the ME-1CP81 protocol; see “ALS (2019) Schedule of Services and Fees” for more detailed information pertaining to this assay protocol. Briefly, aliquots of 50.0 grams from each sample underwent sodium peroxide fusion, followed by inductively coupled plasma atomic emission spectroscopy. Additionally, sample preparations were also assayed for gold, platinum and palladium by the PGM-ICP23 protocol; see “ALS (2019) Schedule of Services and Fees” for more detailed information. Briefly, 30.0 g aliquots are processed by standard lead oxide collection fire assay followed by inductively coupled plasma atomic emission spectroscopy.

Figure 1: Assay certificates from ALS for soil samples assayed during the soil geochemical survey on the St. Laurent Property of Pancontinental Resources Incorporated.



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 Plus Appendix Pages
 Finalized Date: 3-JUL-2019
 Account: PRPKNHJI

CERTIFICATE SD19149823

Project: St. Laurent

This report is for 47 Soil samples submitted to our lab in Sudbury, ON, Canada on 20-JUN-2019.

The following have access to data associated with this certificate:

LAYTON CROFT

TODD KEAST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
AuME-ST44	50g Super Trace Au + Multi Element PKG

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: St. Laurent

CERTIFICATE OF ANALYSIS SD19149823

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	AuME-ST44 Au ppm	AuME-ST44 Ag ppm	AuME-ST44 Al %	AuME-ST44 As ppm	AuME-ST44 B ppm	AuME-ST44 Ba ppm	AuME-ST44 Be ppm	AuME-ST44 Bi ppm	AuME-ST44 Ca %	AuME-ST44 Cd ppm	AuME-ST44 Ce ppm	AuME-ST44 Co ppm	AuME-ST44 Cr ppm	AuME-ST44 Cs ppm
X948401		0.22	0.0003	0.025	1.66	2.27	10	51.9	0.34	0.112	0.13	0.095	15.55	5.98	35.6	0.988
X948402		0.32	0.0002	0.065	2.09	3.76	10	79.6	0.51	0.124	0.19	0.124	24.4	9.29	47.0	1.310
X948403		0.27	0.0005	0.034	2.33	2.66	10	88.7	0.59	0.130	0.19	0.056	27.8	9.92	50.2	1.390
X948404		0.24	0.0003	0.068	1.74	2.40	10	70.2	0.46	0.131	0.12	0.113	21.0	7.49	30.1	1.005
X948405		0.20	0.0005	0.041	1.67	2.09	10	69.1	0.39	0.111	0.18	0.098	19.95	7.95	39.5	1.235
X948406		0.32	0.0007	0.069	1.94	2.64	10	112.5	0.76	0.111	0.60	0.091	58.3	11.00	52.4	1.595
X948407		0.46	0.0010	0.021	1.41	2.08	10	65.8	0.43	0.111	0.48	0.110	33.1	8.27	37.1	1.195
X948408		0.30	0.0006	0.031	1.51	2.15	10	70.5	0.50	0.114	0.41	0.065	37.8	9.97	42.2	1.250
X948409		0.37	0.0005	0.032	1.27	2.15	10	48.8	0.34	0.104	0.33	0.112	24.9	7.09	31.0	0.813
X948410		0.31	0.0008	0.085	1.41	1.87	10	54.8	0.39	0.113	0.26	0.142	24.6	6.57	35.0	1.010
X948411		0.28	0.0008	0.054	1.34	2.55	10	56.0	0.37	0.146	0.26	0.132	25.2	6.20	32.9	0.907
X948412		0.37	0.0006	0.021	0.91	1.94	10	42.4	0.31	0.085	0.30	0.071	24.2	8.42	25.7	0.763
X948413		0.42	0.0004	0.098	2.16	2.51	10	96.5	0.61	0.204	0.34	0.181	33.7	17.70	64.4	1.605
X948414		0.28	0.0004	0.072	1.44	2.63	10	68.8	0.48	0.108	0.31	0.132	45.0	9.59	41.5	1.120
X948415		0.37	0.0004	0.034	1.22	1.70	10	48.7	0.36	0.126	0.24	0.157	26.1	5.06	35.0	0.936
X948416		0.25	0.0004	0.031	1.29	1.71	10	50.2	0.30	0.120	0.23	0.159	26.4	5.76	36.6	1.075
X948417		0.26	0.0007	0.114	1.46	2.19	10	63.6	0.46	0.110	0.79	0.250	31.6	8.77	41.0	1.100
X948418		0.25	0.0012	0.033	1.18	1.53	10	53.3	0.34	0.094	0.41	0.055	29.9	7.88	36.8	1.040
X948419		0.32	0.0010	0.311	2.89	3.20	10	167.0	1.08	0.180	0.99	0.076	75.7	11.75	72.9	1.765
X948420		0.35	0.0007	0.034	1.89	2.64	10	87.4	0.56	0.123	0.56	0.101	38.9	13.05	57.2	1.570
X948421		0.29	0.0009	0.030	1.79	2.47	10	80.7	0.56	0.122	0.44	0.067	44.7	10.40	53.9	1.385
X948422		0.37	0.0005	0.027	1.53	2.21	10	64.8	0.50	0.126	0.41	0.053	37.9	9.70	47.3	1.255
X948423		0.29	0.0013	0.022	1.58	2.33	10	72.2	0.46	0.101	0.42	0.055	37.8	9.76	44.9	1.185
X948424		0.31	0.0003	0.038	1.45	2.58	10	46.7	0.35	0.123	0.26	0.138	29.1	8.54	46.7	1.160
X948425		0.29	0.0005	0.026	1.23	1.87	10	54.3	0.35	0.092	0.34	0.086	28.2	8.21	36.9	1.005
X948426		0.27	0.0002	0.063	1.34	1.86	10	54.5	0.28	0.132	0.17	0.099	23.4	5.24	35.0	1.030
X948427		0.26	0.0008	0.040	1.35	1.88	10	49.3	0.33	0.133	0.23	0.084	25.4	6.36	36.3	1.095
X948428		0.21	0.0009	0.075	1.98	2.85	10	110.0	0.63	0.164	0.92	0.298	50.1	10.10	55.4	1.265
X948429		0.28	0.0006	0.030	1.92	2.42	10	56.2	0.34	0.129	0.18	0.156	23.9	7.55	49.3	1.090
X948430		0.26	0.0002	0.018	0.79	1.15	10	29.8	0.15	0.106	0.11	0.054	19.95	2.89	22.1	0.644
X948431		0.20	0.0007	0.090	2.28	2.93	10	100.5	0.75	0.162	0.60	0.147	55.5	14.70	61.2	1.570
X948432		0.28	0.0006	0.073	1.65	2.30	10	117.5	0.59	0.111	0.66	0.270	46.7	13.20	48.1	1.185
X948433		0.35	0.0006	0.033	1.00	1.56	10	30.7	0.21	0.086	0.18	0.093	18.40	5.08	29.1	0.738
X948434		0.23	0.0004	0.026	1.91	2.29	10	65.0	0.35	0.143	0.20	0.091	24.6	7.38	51.3	1.225
X948435		0.48	0.0004	0.033	1.58	1.98	10	74.2	0.50	0.120	0.42	0.120	42.6	9.57	49.0	1.235
X948436		0.39	0.0010	0.065	1.48	1.70	10	79.0	0.44	0.097	0.58	0.124	40.4	8.03	43.3	1.065
X948437		0.24	0.0004	0.033	2.09	2.77	10	81.2	0.44	0.141	0.23	0.115	27.7	8.39	51.3	1.385
X948438		0.32	0.0006	0.016	1.31	2.16	10	45.0	0.25	0.121	0.25	0.062	25.5	6.28	41.8	1.290
X948439		0.25	0.0008	0.103	2.15	2.30	10	115.5	0.63	0.120	0.86	0.112	52.6	10.25	58.9	1.330
X948440		0.26	0.0003	0.051	1.72	2.55	10	89.6	0.48	0.120	0.59	0.091	43.5	11.00	50.1	1.180

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CERTIFICATE OF ANALYSIS SD19149823

Sample Description	Method Analyte Units LOD	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44
		Cu ppm	Fe %	Ca ppm	Ce ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
X948401		6.28	2.52	8.75	0.030	0.108	0.033	0.019	0.11	7.18	22.5	0.41	165.0	0.71	0.021	2.27
X948402		21.1	2.70	7.69	0.036	0.089	0.030	0.019	0.18	9.51	30.3	0.66	212	0.46	0.023	2.02
X948403		10.55	2.56	8.04	0.043	0.122	0.027	0.018	0.17	13.60	35.7	0.70	248	0.28	0.022	1.845
X948404		8.38	2.17	7.72	0.028	0.031	0.031	0.015	0.12	9.45	24.0	0.42	289	0.50	0.020	1.815
X948405		7.65	2.17	6.54	0.033	0.075	0.029	0.014	0.14	9.38	23.4	0.54	218	0.46	0.026	1.960
X948406		15.90	2.48	6.47	0.080	0.172	0.039	0.021	0.28	29.6	35.5	0.84	494	0.27	0.030	1.180
X948407		7.85	1.870	5.94	0.036	0.072	0.014	0.015	0.17	13.85	26.4	0.59	269	0.33	0.023	1.715
X948408		9.48	2.07	5.45	0.046	0.052	0.011	0.017	0.19	16.05	27.4	0.67	390	0.28	0.030	1.210
X948409		6.75	1.880	5.15	0.035	0.041	0.012	0.014	0.14	11.35	24.0	0.53	259	0.29	0.023	1.520
X948410		13.20	1.900	6.15	0.033	0.052	0.019	0.015	0.16	13.55	23.0	0.55	236	0.35	0.022	1.640
X948411		9.05	1.940	6.84	0.036	0.037	0.019	0.015	0.15	13.50	19.4	0.50	226	0.47	0.020	1.820
X948412		4.95	1.590	3.73	0.040	0.036	0.008	0.008	0.11	11.45	18.2	0.43	553	0.45	0.028	1.090
X948413		12.05	2.93	9.21	0.056	0.036	0.030	0.024	0.21	16.45	35.2	0.79	1620	0.70	0.021	1.810
X948414		11.50	1.940	5.01	0.059	0.037	0.026	0.015	0.17	20.5	24.9	0.55	556	0.35	0.029	1.465
X948415		8.06	1.570	5.64	0.037	0.030	0.019	0.019	0.14	14.70	18.5	0.42	191.0	0.37	0.022	1.765
X948416		9.56	1.760	6.20	0.044	0.060	0.012	0.011	0.16	13.45	20.4	0.43	233	0.52	0.028	1.990
X948417		13.90	1.860	5.38	0.045	0.063	0.028	0.014	0.16	16.75	30.2	0.59	368	0.42	0.026	2.13
X948418		6.63	1.720	4.51	0.055	0.048	0.009	0.012	0.16	15.05	25.7	0.54	386	0.36	0.031	1.370
X948419		38.6	3.16	9.48	0.122	0.260	0.151	0.030	0.32	66.1	60.1	0.97	348	0.19	0.033	2.58
X948420		12.15	2.41	6.97	0.054	0.085	0.023	0.020	0.24	18.45	34.2	0.79	556	0.27	0.030	1.735
X948421		14.10	2.27	6.58	0.058	0.073	0.022	0.017	0.22	21.2	32.5	0.72	405	0.29	0.034	1.300
X948422		8.57	2.09	5.85	0.059	0.058	0.015	0.017	0.19	19.10	31.7	0.65	430	0.30	0.034	1.340
X948423		9.69	2.00	5.30	0.055	0.057	0.011	0.013	0.19	16.65	28.7	0.62	400	0.28	0.032	1.015
X948424		8.46	2.03	6.22	0.042	0.056	0.017	0.015	0.17	12.60	28.5	0.57	267	0.42	0.027	2.19
X948425		6.93	1.770	4.82	0.043	0.039	0.012	0.015	0.15	13.90	25.9	0.51	329	0.38	0.026	1.475
X948426		10.25	1.740	6.77	0.034	0.071	0.019	0.017	0.16	10.00	19.3	0.40	164.0	0.43	0.023	2.13
X948427		6.62	1.780	5.78	0.036	0.055	0.014	0.017	0.15	12.50	24.6	0.49	230	0.34	0.025	1.790
X948428		15.15	2.43	6.45	0.062	0.131	0.051	0.023	0.25	24.6	36.8	0.76	652	0.42	0.033	2.72
X948429		8.93	2.60	8.62	0.036	0.141	0.029	0.026	0.16	10.00	32.3	0.60	209	0.44	0.020	2.65
X948430		4.12	1.060	5.65	0.031	0.037	0.011	0.010	0.10	9.32	9.1	0.23	97.9	0.41	0.020	1.570
X948431		14.65	2.73	7.89	0.057	0.083	0.030	0.025	0.28	26.2	41.8	0.81	718	0.41	0.023	2.43
X948432		10.10	2.16	5.45	0.059	0.079	0.024	0.014	0.19	20.0	30.2	0.61	1905	0.78	0.027	1.545
X948433		6.09	1.420	4.63	0.035	0.055	0.011	0.010	0.09	8.47	16.0	0.36	198.0	0.34	0.020	1.765
X948434		9.55	2.28	8.37	0.037	0.130	0.027	0.018	0.19	9.79	24.9	0.59	190.5	0.41	0.021	2.62
X948435		9.84	2.03	5.66	0.050	0.057	0.021	0.017	0.19	18.75	27.7	0.62	333	0.27	0.025	1.795
X948436		10.90	1.800	4.96	0.057	0.106	0.031	0.015	0.18	24.1	34.5	0.55	158.5	0.34	0.026	1.850
X948437		9.57	2.60	8.43	0.040	0.174	0.029	0.024	0.20	10.35	35.7	0.60	211	0.46	0.022	2.72
X948438		7.87	1.790	6.67	0.033	0.079	0.013	0.015	0.18	11.00	19.8	0.51	227	0.31	0.026	1.825
X948439		12.40	2.54	6.64	0.065	0.179	0.054	0.021	0.21	30.3	35.5	0.75	696	0.44	0.024	2.76
X948440		9.93	2.20	5.92	0.048	0.059	0.027	0.017	0.18	19.55	33.7	0.62	667	0.41	0.028	1.885

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Project: St. Laurent

CERTIFICATE OF ANALYSIS SD19149823

Sample Description	Method Analyte Units LOD	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44
		Ni ppm	P %	Pb ppm	Pd ppm	Pt ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm
X948401		17.35	0.022	8.79	<0.001	0.001	14.75	<0.001	0.03	0.070	2.22	0.3	0.63	9.36	<0.005	0.03
X948402		26.9	0.022	9.33	<0.001	<0.001	23.3	<0.001	0.03	0.066	3.00	0.3	0.68	11.85	<0.005	0.03
X948403		29.4	0.027	9.86	<0.001	<0.001	19.55	<0.001	0.03	0.049	3.61	0.2	0.69	11.95	<0.005	0.01
X948404		16.45	0.020	9.65	<0.001	<0.001	14.05	<0.001	0.03	0.054	2.18	0.3	0.73	10.95	<0.005	0.04
X948405		21.1	0.020	8.03	<0.001	<0.001	15.50	<0.001	0.03	0.058	2.77	0.2	0.63	12.75	<0.005	0.02
X948406		29.4	0.053	8.32	<0.001	<0.001	28.9	<0.001	0.03	0.064	4.98	0.2	0.67	23.6	<0.005	0.01
X948407		19.90	0.022	8.21	<0.001	<0.001	20.2	<0.001	0.03	0.047	2.95	0.1	0.60	22.2	<0.005	0.02
X948408		22.7	0.027	7.98	0.001	0.001	22.3	<0.001	0.03	0.060	3.40	0.1	0.58	19.75	<0.005	0.02
X948409		17.30	0.027	7.89	<0.001	<0.001	16.70	<0.001	0.03	0.048	2.53	0.2	0.52	15.30	<0.005	0.01
X948410		18.05	0.022	7.97	0.001	<0.001	19.75	<0.001	0.03	0.042	2.58	0.1	0.63	13.50	<0.005	0.02
X948411		16.50	0.018	9.62	0.001	<0.001	18.30	<0.001	0.03	0.056	2.45	0.2	0.73	14.80	<0.005	0.03
X948412		13.20	0.029	7.36	<0.001	<0.001	16.10	<0.001	0.02	0.029	2.17	0.2	0.41	15.80	<0.005	0.01
X948413		26.0	0.027	16.95	<0.001	0.001	40.6	<0.001	0.03	0.061	3.85	0.3	0.93	21.7	<0.005	0.04
X948414		18.90	0.042	8.63	<0.001	0.001	23.9	<0.001	0.03	0.059	3.28	0.2	0.50	16.45	<0.005	0.02
X948415		14.05	0.016	8.09	0.002	0.001	19.10	<0.001	0.03	0.057	2.38	0.2	0.61	14.60	<0.005	0.01
X948416		14.55	0.014	8.16	0.001	0.001	21.1	<0.001	0.03	0.050	2.57	0.2	0.69	16.10	<0.005	0.01
X948417		18.75	0.041	7.47	0.002	0.001	22.6	<0.001	0.04	0.054	2.92	0.4	0.52	30.2	<0.005	0.01
X948418		15.90	0.037	6.28	0.001	0.001	22.0	<0.001	0.02	0.043	2.86	0.1	0.47	19.95	<0.005	0.01
X948419		34.0	0.076	10.40	0.004	0.001	38.2	<0.001	0.06	0.108	6.02	0.5	0.93	37.0	0.005	0.03
X948420		24.8	0.056	9.45	<0.001	0.001	30.1	<0.001	0.03	0.050	4.38	0.2	0.70	25.0	<0.005	0.01
X948421		23.1	0.041	8.56	<0.001	<0.001	24.9	<0.001	0.02	0.061	4.48	0.2	0.67	22.9	<0.005	0.02
X948422		21.0	0.043	8.87	0.001	<0.001	24.3	<0.001	0.02	0.046	3.76	0.2	0.61	21.9	<0.005	0.02
X948423		20.7	0.046	7.95	0.002	0.001	22.2	<0.001	0.02	0.042	3.58	0.2	0.56	21.9	<0.005	0.01
X948424		20.1	0.019	8.22	<0.001	0.001	28.6	<0.001	0.03	0.061	2.95	0.2	0.65	16.95	<0.005	0.03
X948425		17.00	0.019	6.87	<0.001	<0.001	21.3	<0.001	0.02	0.049	2.63	0.1	0.49	18.65	<0.005	0.02
X948426		13.70	0.011	8.50	<0.001	0.001	23.5	<0.001	0.03	0.063	2.47	0.2	0.73	13.90	<0.005	0.02
X948427		16.50	0.018	7.77	<0.001	<0.001	20.2	<0.001	0.02	0.047	2.55	0.2	0.64	15.25	<0.005	0.02
X948428		25.7	0.052	11.20	0.003	0.001	27.2	0.001	0.06	0.122	4.17	0.5	0.79	37.9	<0.005	0.06
X948429		21.1	0.017	8.49	<0.001	0.001	21.1	<0.001	0.03	0.060	3.29	0.3	0.73	13.25	<0.005	0.04
X948430		8.24	0.007	6.05	<0.001	0.001	12.30	<0.001	0.02	0.042	1.510	0.1	0.62	9.96	<0.005	0.01
X948431		27.8	0.047	10.95	0.002	0.001	36.2	<0.001	0.03	0.065	4.55	0.4	0.79	26.8	<0.005	0.03
X948432		20.8	0.060	7.63	0.002	<0.001	22.9	<0.001	0.04	0.050	3.61	0.5	0.59	24.4	<0.005	0.02
X948433		12.10	0.016	6.28	<0.001	<0.001	13.05	<0.001	0.02	0.039	2.02	0.2	0.49	12.10	<0.005	0.01
X948434		22.3	0.014	8.94	0.001	0.001	25.4	<0.001	0.03	0.064	3.19	0.3	0.78	15.15	<0.005	0.02
X948435		21.0	0.031	8.23	0.002	0.001	24.9	<0.001	0.02	0.048	3.50	0.2	0.59	20.5	<0.005	0.02
X948436		18.00	0.047	7.20	<0.001	0.001	20.5	<0.001	0.03	0.046	3.47	0.5	0.49	26.7	<0.005	0.02
X948437		23.7	0.022	10.05	<0.001	0.001	22.7	<0.001	0.03	0.069	3.51	0.3	0.76	15.50	<0.005	0.03
X948438		16.60	0.013	7.16	0.001	0.001	21.3	<0.001	0.02	0.050	2.96	0.2	0.70	17.75	<0.005	0.02
X948439		25.3	0.057	7.83	0.002	0.001	22.8	0.001	0.05	0.069	4.50	0.5	0.69	37.4	<0.005	0.02
X948440		21.0	0.034	9.16	<0.001	0.001	22.9	0.001	0.03	0.064	3.71	0.3	0.64	26.7	<0.005	0.02

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CERTIFICATE OF ANALYSIS SD19149823

Sample Description	Method Analyte Units LOD	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	CRU-QC	PUL-QC
		Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Pass2mm %	Pass75um %
		0.002	0.001	0.002	0.005	0.1	0.001	0.003	0.1	0.01	0.01	0.01
X948401		2.19	0.089	0.089	0.325	49.3	0.094	1.835	36.6	3.78	95.2	96.2
X948402		2.59	0.089	0.127	0.435	41.6	0.096	2.59	48.1	3.65		94.8
X948403		3.24	0.084	0.143	0.502	41.7	0.090	3.48	41.3	4.26		
X948404		1.530	0.070	0.104	0.397	41.0	0.097	2.13	40.9	1.32		
X948405		2.57	0.077	0.108	0.462	36.1	0.104	2.57	40.4	2.88		
X948406		6.77	0.086	0.195	0.703	38.6	0.091	9.64	48.1	6.42		
X948407		3.26	0.087	0.110	0.559	34.7	0.088	3.88	38.6	3.45		
X948408		3.93	0.090	0.125	0.548	34.9	0.094	4.74	37.0	2.66		
X948409		2.76	0.079	0.084	0.434	31.4	0.080	3.11	34.7	2.07		
X948410		2.38	0.075	0.093	0.519	33.7	0.087	3.29	39.7	2.00		
X948411		2.17	0.079	0.101	0.529	39.2	0.087	3.09	43.3	1.87		
X948412		2.76	0.070	0.078	0.426	27.7	0.073	3.51	25.5	1.54		
X948413		2.84	0.097	0.157	0.756	60.4	0.061	4.09	66.1	1.84		
X948414		3.63	0.073	0.137	0.619	34.6	0.082	6.04	41.4	1.99		
X948415		1.825	0.064	0.091	0.468	31.8	0.071	3.48	37.9	1.55		
X948416		2.81	0.082	0.121	0.460	38.8	0.083	3.05	47.3	2.53		
X948417		2.03	0.068	0.090	0.918	35.2	0.073	4.97	45.6	2.49		
X948418		3.19	0.081	0.086	0.530	31.4	0.073	4.50	33.6	2.04		
X948419		5.17	0.076	0.249	0.997	60.5	0.111	23.8	69.4	9.94		
X948420		5.14	0.095	0.163	0.669	44.4	0.084	5.96	51.2	4.26		
X948421		5.39	0.097	0.155	0.615	43.9	0.097	6.72	41.4	4.37		
X948422		4.30	0.099	0.113	0.748	41.1	0.086	6.07	38.0	2.97		
X948423		4.81	0.086	0.131	0.646	36.8	0.089	5.50	34.4	3.57		
X948424		2.60	0.091	0.105	0.436	40.2	0.088	3.42	50.6	2.72		
X948425		2.85	0.084	0.095	0.472	33.5	0.072	4.03	40.2	1.87		
X948426		2.69	0.084	0.101	0.425	38.3	0.077	2.10	36.5	3.16		
X948427		2.90	0.084	0.092	0.460	37.5	0.089	3.15	41.4	2.59		
X948428		3.11	0.077	0.171	1.825	40.8	0.082	8.19	74.4	5.98		
X948429		3.00	0.103	0.122	0.435	54.5	0.095	2.58	58.6	6.17		
X948430		2.31	0.073	0.074	0.328	26.9	0.061	1.805	22.5	1.98		
X948431		4.30	0.082	0.180	1.115	51.4	0.083	7.75	60.5	3.76		
X948432		3.03	0.065	0.197	1.575	37.9	0.076	6.92	39.5	2.77		
X948433		2.67	0.069	0.059	0.373	30.0	0.079	2.30	27.7	2.51		
X948434		3.02	0.093	0.145	0.474	45.4	0.081	2.46	54.4	5.62		
X948435		4.03	0.078	0.133	0.596	37.3	0.088	5.73	45.7	2.75		
X948436		3.79	0.063	0.126	0.880	33.3	0.099	7.52	49.9	4.30		
X948437		3.71	0.107	0.127	0.497	50.6	0.095	2.96	50.9	7.62		
X948438		3.45	0.096	0.130	0.441	39.0	0.082	2.79	38.8	4.14		
X948439		3.54	0.072	0.174	3.67	42.7	0.073	10.20	62.0	6.85	95.2	
X948440		3.17	0.071	0.132	1.160	42.1	0.077	6.01	45.3	2.59	91.9	96.3

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Sample Description	Method Analyte Units LOD	WEI-21	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.0001	0.001	0.01	0.01	10	0.5	0.01	0.001	0.01	0.001	0.003	0.001	0.01	0.005
X948441		0.30	0.0003	0.085	2.25	2.66	10	114.5	0.68	0.136	0.74	0.108	53.4	11.80	61.6	1.445
X948442		0.24	0.0002	0.065	1.56	1.89	10	83.5	0.39	0.093	0.57	0.094	28.5	8.66	44.6	1.020
X948443		0.31	0.0003	0.007	0.55	0.88	10	14.9	0.07	0.081	0.10	0.031	10.00	2.53	22.9	0.459
X948444		0.24	0.0016	0.080	2.73	2.11	10	154.5	0.62	0.166	0.61	0.092	42.4	17.35	66.4	2.05
X948445		0.37	0.0004	0.054	1.41	2.13	10	74.2	0.48	0.099	0.43	0.090	48.7	8.63	49.1	1.045
X948446		0.40	0.0004	0.029	1.19	1.64	10	56.0	0.36	0.085	0.33	0.094	34.7	9.22	32.4	0.854
X948447		0.30	0.0007	0.150	2.06	2.26	10	106.5	0.66	0.115	0.71	0.074	60.6	8.09	48.3	1.255

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Sample Description	Method Analyte Units LOD	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
		0.01	0.001	0.004	0.005	0.002	0.004	0.005	0.01	0.002	0.1	0.01	0.1	0.01	0.001	0.002
X948441		12.15	2.66	7.11	0.059	0.087	0.044	0.024	0.24	25.4	44.1	0.81	848	0.40	0.026	2.09
X948442		11.75	1.910	5.39	0.036	0.042	0.019	0.015	0.14	13.70	25.6	0.57	433	0.43	0.030	1.700
X948443		2.81	0.830	4.65	0.022	0.022	0.010	0.006	0.04	4.84	4.3	0.19	81.0	0.36	0.019	1.125
X948444		29.1	3.14	10.35	0.055	0.058	0.034	0.029	0.19	26.2	43.1	0.78	477	0.67	0.023	2.48
X948445		11.05	1.860	4.55	0.054	0.052	0.022	0.014	0.15	24.4	22.5	0.55	405	0.32	0.023	1.360
X948446		6.57	1.560	3.97	0.035	0.032	0.021	0.014	0.11	15.05	22.7	0.39	394	0.36	0.025	1.445
X948447		14.15	2.07	5.68	0.074	0.084	0.080	0.024	0.17	35.2	30.1	0.56	320	0.40	0.017	1.970

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Sample Description	Method Analyte Units LOD	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	
		Ni ppm	P %	Pb ppm	Pd ppm	Pt ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm
		0.04	0.001	0.005	0.001	0.001	0.005	0.001	0.01	0.005	0.005	0.1	0.01	0.01	0.005	0.01
X948441		27.2	0.044	8.47	0.002	0.001	30.6	0.001	0.04	0.069	4.47	0.4	0.77	33.3	<0.005	0.02
X948442		20.0	0.033	6.69	0.001	0.001	18.05	<0.001	0.03	0.057	2.93	0.2	0.55	22.6	<0.005	0.02
X948443		9.08	0.009	4.68	<0.001	<0.001	5.50	<0.001	0.02	0.023	1.160	0.1	0.46	9.23	<0.005	0.01
X948444		29.8	0.046	10.45	0.002	0.001	30.8	<0.001	0.04	0.057	4.33	0.4	0.92	29.1	<0.005	0.02
X948445		20.5	0.043	6.39	0.003	0.001	19.95	<0.001	0.03	0.050	3.41	0.2	0.49	17.95	<0.005	0.01
X948446		14.95	0.019	6.42	<0.001	<0.001	14.65	<0.001	0.02	0.046	2.50	0.2	0.46	16.65	<0.005	0.03
X948447		21.0	0.060	7.22	0.003	0.001	22.3	0.001	0.06	0.058	3.00	0.5	0.54	23.9	<0.005	0.02



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Sample Description	Method Analyte Units LOD	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	AuME-ST44	CRU-QC	PUL-QC
		Th ppm 0.002	Ti % 0.001	Tl ppm 0.002	U ppm 0.005	V ppm 0.1	W ppm 0.001	Y ppm 0.003	Zn ppm 0.1	Zr ppm 0.01	Pass2mm % 0.01	Pass75um % 0.01
X948441		2.93	0.074	0.166	1.815	46.1	0.058	8.10	59.7	3.47		
X948442		2.17	0.070	0.093	0.548	35.9	0.071	4.22	33.0	1.76		
X948443		1.230	0.061	0.041	0.232	25.5	0.045	1.300	12.7	1.06		
X948444		2.71	0.077	0.167	0.830	65.5	0.138	5.35	79.1	2.69		
X948445		3.59	0.066	0.130	0.702	33.5	0.078	7.97	30.4	2.34		
X948446		2.83	0.060	0.089	0.530	29.3	0.078	4.50	24.5	1.61		
X948447		1.685	0.044	0.156	1.550	34.0	0.069	11.25	37.4	2.89		

***** See Appendix Page for comments regarding this certificate *****



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Account: PRPKNHJI

Project: St. Laurent

CERTIFICATE OF ANALYSIS SD19149823

CERTIFICATE COMMENTS									
Applies to Method:	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table><tr><td>CRU-31</td><td>CRU-QC</td><td>LOG-22</td><td>PUL-31</td></tr><tr><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td><td></td></tr></table>	CRU-31	CRU-QC	LOG-22	PUL-31	PUL-QC	SPL-21	WEI-21	
CRU-31	CRU-QC	LOG-22	PUL-31						
PUL-QC	SPL-21	WEI-21							
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <p>AuME-ST44</p>								

Figure 2: Assay certificates from ALS for samples assayed as a part of Pancontinental Resources Incorporated's June 15th, 2019 prospecting program on their St. Laurent Property.



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CERTIFICATE SD19149837

Project: St. Laurent

This report is for 6 Rock samples submitted to our lab in Sudbury, ON, Canada on 20-JUN-2019.

The following have access to data associated with this certificate:

LAYTON CROFT

TODD KEAST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
Ni-ICP81	Ore Grade Ni - Na2O2 Fusion	
ME-ICP81	ICP Fusion - Ore Grade	ICP-AES
Cu-ICP81	Ore Grade Cu - Na2O2 Fusion	
Co-ICP81	Ore Grade Co - Na2O2 Fusion	
S-ICP81	Ore Grade S - Na2O2 Fusion	
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: St. Laurent

CERTIFICATE OF ANALYSIS SD19149837

Sample Description	Method Analyte Units LOD	WEI-21	Ni-ICP81	Cu-ICP81	Co-ICP81	S-ICP81	PGM-ICP23	PGM-ICP23	PGM-ICP23	CRU-QC	PUL-QC
		Recvd Wt. kg	Ni %	Cu %	Co %	S %	Au ppm	Pt ppm	Pd ppm	Pass2mm %	Pass75um %
X948351		0.97	0.007	0.028	0.003	0.41	0.001	<0.005	<0.001	87.7	97.8
X948352		1.33	0.014	0.007	0.004	0.05	0.001	<0.005	<0.001		97.2
X948353		0.87	0.014	<0.005	0.005	0.08	<0.001	<0.005	<0.001		
X948354		1.65	0.014	0.045	0.007	1.91	0.001	<0.005	<0.001		
X948355		1.72	0.015	0.014	0.005	0.78	0.001	<0.005	<0.001		
X948356		1.09	0.007	0.018	0.004	0.63	<0.001	<0.005	<0.001		

***** See Appendix Page for comments regarding this certificate *****



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Project: St. Laurent

CERTIFICATE OF ANALYSIS SD19149837

	CERTIFICATE COMMENTS
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada. CRU-31 CRU-QC LOG-22 PUL-31 PUL-QC SPL-21 WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Co-ICP81 Cu-ICP81 ME-ICP81 Ni-ICP81 PGM-ICP23 S-ICP81

Figure 3: Assay certificates from ALS for samples assayed as a part of Pancontinental Resources Incorporated's September 23rd, 2019 prospecting program on the Pattern River showing of the St. Laurent Property. Samples were prepared by ALS following the same procedures outlined in Appendix D: Note 2 and were assayed following the Au-ICP21 protocol (see "ALS (2019) Schedule of Services and Fees" for more detailed information pertaining to these specific assay procedures).



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CERTIFICATE SD19149837

Project: St. Laurent

This report is for 6 Rock samples submitted to our lab in Sudbury, ON, Canada on 20-JUN-2019.

The following have access to data associated with this certificate:

LAYTON CROFT

TODD KEAST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
Ni-ICP81	Ore Grade Ni - Na2O2 Fusion	
ME-ICP81	ICP Fusion - Ore Grade	ICP-AES
Cu-ICP81	Ore Grade Cu - Na2O2 Fusion	
Co-ICP81	Ore Grade Co - Na2O2 Fusion	
S-ICP81	Ore Grade S - Na2O2 Fusion	
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: St. Laurent

CERTIFICATE OF ANALYSIS SD19149837

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Ni-ICP81 Ni %	Cu-ICP81 Cu %	Co-ICP81 Co %	S-ICP81 S %	PGM-ICP23 Au ppm	PCM-ICP23 Pt ppm	PCM-ICP23 Pd ppm	CRU-OC Pass2mm %	PUL-OC Pass75um %
		0.02	0.005	0.005	0.002	0.01	0.001	0.005	0.001	0.01	0.01
X948351		0.97	0.007	0.028	0.003	0.41	0.001	<0.005	<0.001	87.7	97.6
X948352		1.33	0.014	0.007	0.004	0.05	0.001	<0.005	<0.001		97.2
X948353		0.87	0.014	<0.005	0.005	0.08	<0.001	<0.005	<0.001		
X948354		1.65	0.014	0.045	0.007	1.91	0.001	<0.005	<0.001		
X948355		1.72	0.015	0.014	0.005	0.76	0.001	<0.005	<0.001		
X948356		1.09	0.007	0.016	0.004	0.63	<0.001	<0.005	<0.001		

***** See Appendix Page for comments regarding this certificate *****



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CERTIFICATE OF ANALYSIS SD19149837

CERTIFICATE COMMENTS	
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada. CRU-31 CRU-QC LOG-22 PUL-31 PUL-QC SPL-21 WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Co-ICP81 Cu-ICP81 ME-ICP81 Ni-ICP81 PGM-ICP23 S-ICP81

Figure 4: Assay certificates from ALS for samples assayed as a part of Pancontinental Resources Incorporated's September 23rd, 2019 prospecting program, where a composite sample generated from six samples that were collected and panned from the riverbed of pattern river. Samples were prepared by ALS following similar procedures outlined in Appendix D: Note 2 and were assayed following the PGM-MS23 protocol (see "ALS (2019) Schedule of Services and Fees" for more detailed information pertaining to these specific assay procedures).



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CERTIFICATE TM19244447

Project: St. Laurent

This report is for 2 Sand samples submitted to our lab in Timmins, ON, Canada on 27-SEP-2019.

The following have access to data associated with this certificate:

LAYTON CROFT

TODD KEAST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-31	Pulverize split to 85% <75 um
LOG-21	Sample logging - ClientBarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-MS23	Pt, Pd, Au 30g FA ICP-MS	ICP-MS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



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Project: St. Laurent

CERTIFICATE OF ANALYSIS TM1924447

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	PCM-MS23 Au ppm	PCM-MS23 Pt ppm	PCM-MS23 Pd ppm
		0.02	0.001	0.0005	0.001
X948957		0.05	0.576	0.0008	<0.001
X948958		0.08	<0.001	0.0006	<0.001

***** See Appendix Page for comments regarding this certificate *****



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 Account: PRPKNHJI

Project: St. Laurent

CERTIFICATE OF ANALYSIS TM19244447

CERTIFICATE COMMENTS	
	LABORATORY ADDRESSES
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. PGM-MS23
Applies to Method:	Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada. LOG-21 PUL-31 WEI-21