

# **The Ron property, Nelson area, British Columbia 2008 exploration report**

NTS 082F6;  
Location: UTM 471900E; 5478000N

BC Geological Survey  
Assessment Report  
31047

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## Introduction: Location and Access

The Ron property is located on the slopes of Morning Star Mountain, approximately 5 km southwest of the town of Nelson in southeastern B.C. (Figure 1). Access to the property is excellent, from either a long (26 km), well-maintained gravel logging road that leaves Highway 6, approximately 6 km south of Nelson, or by paved road south from Highway 3 at the Kootenay River bridge west of Nelson, then southeastward along the east bank of Fortynine Creek. These two access roads join, crossing the central part of the group of claims that are referred to as the Ron property.

The area is mountainous, ranging in elevation from approximately 760 meters to 1400 meters. A considerable part of the area has been logged but some regions with mature cedar and fir, and occasional birch and alder remain. Generally, vegetation is dense, and rock outcrops are not that abundant except in road cuts, creek gullies and at higher elevations.

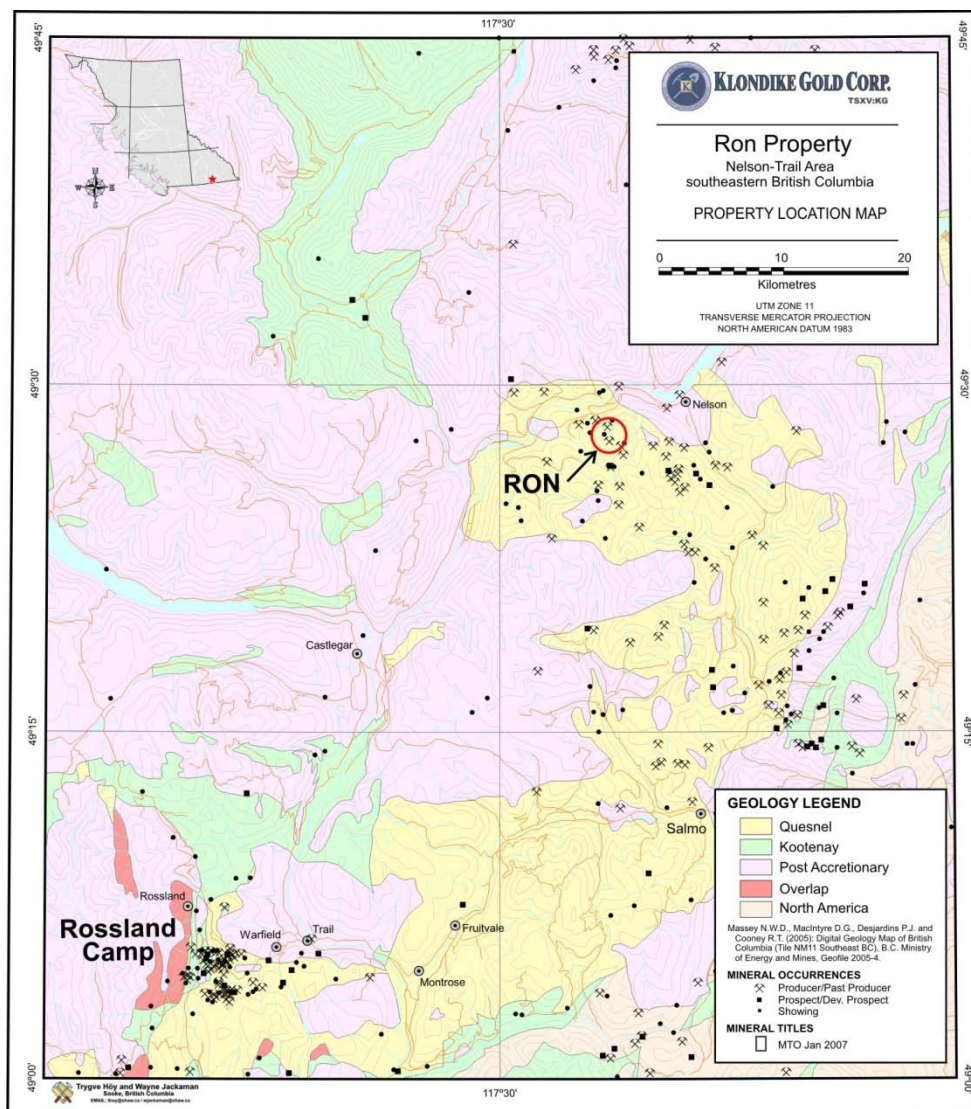


Figure 1: General location map showing regional geology.

## Claims

A list of claims comprising the Ron property are shown in Appendix 1 and plotted in Figure 2. They are 100% owned by Klondike Gold Corp. and include a Crown grant, reverted Crown grants, staked map claims and other mineral tenures. All are in good standing.

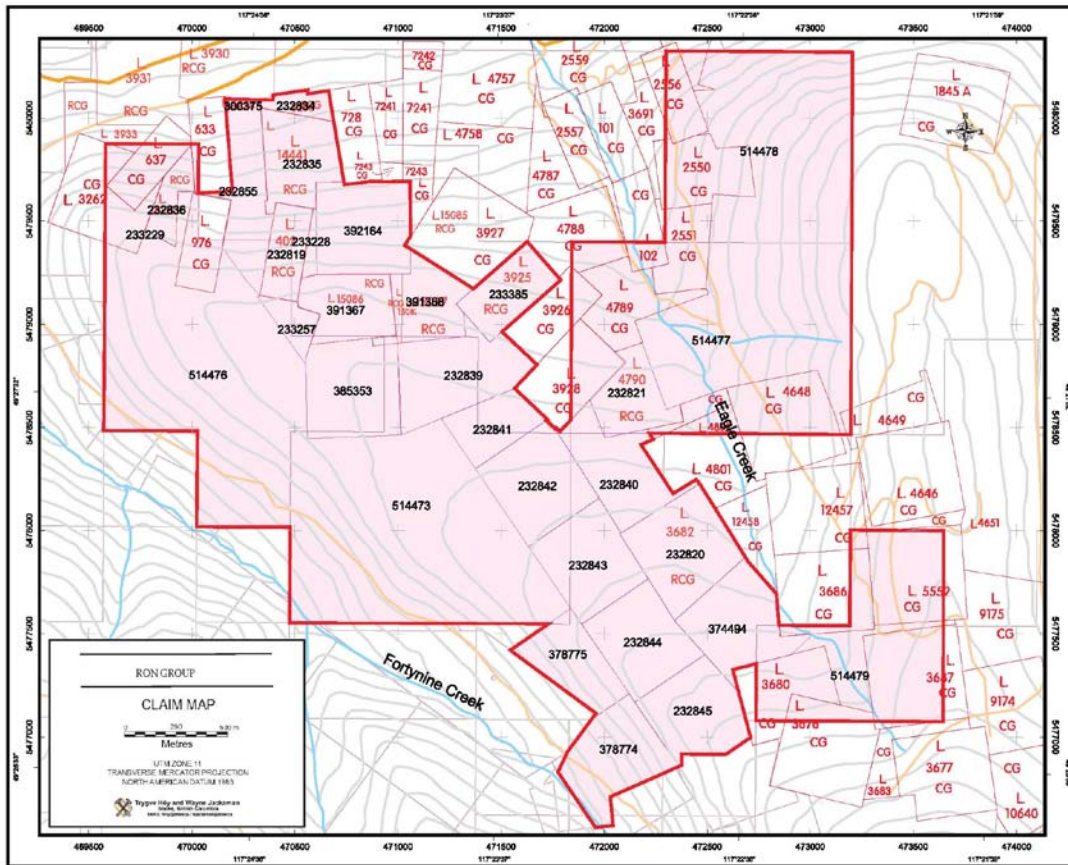


Figure 2: Mineral claims and Crown Grants, Ron property, southeastern B.C.

## Exploration History

The Ron claim group is located in the historical “Nelson Mining Camp” in southern British Columbia. Placer mining on Fortynine Creek, on the western edge of the claim group, dates back to the 1867 and the Silver Creek mine, several kilometers south of Ron, had intermittent exploration and development from 1886 to 1958, producing 138 million grams of silver (4.4 million ounces) of silver, 6.8 million kg of copper as well as some gold, lead and zinc. Another significant producer in the camp, the Granite-Poorman or Kenville mine, located on the northern edge of the Ron property has mined 181,395 tonnes of ore grading 11.2 g/T gold (0.35 oz/ton) and 4.7 g/T Ag (0.15 oz/t). Exploration is continuing on the property and the mine is currently being refurbished (2008) by Anglo Swiss Resources.

As noted by Wehrle (2004), B.C. Minfile reports, and unpublished reports by Eric and Jack Denny much of the Ron property was staked as Crown Grants in the late 1880s and early 1890s following the successful exploration of the Silver King deposits. These Crown Grants included the Majestic, Josie and Muldoon with probable exploration for high grade gold or silver veins, similar to the Granite Poorman and Silver King deposits. “Ground sluicing is still evident on the property, reflecting both an early, determined phase of exploration and the heavy overburden cover. Later exploration showed that some of the early gold in quartz showings were hosted in large shear zones (May and Jenny, Montague and Miracle shears” (Wehrle, 2004, p. 3), now recognized as part of a shear system referred to as the Silver King shear that trends southward for many kilometers, through the Silver King deposit and, farther south through Sultan Mineral’s Kena property (Höy and Dunne, 2001).

In 1984, the Denny family assembled the majority of the Ron property and has optioned it to various operators since then. Considerable exploration occurred during the 1980s and 1990s including soil geochemistry, mapping, sampling and geophysics on the central part of the property by Pacific Sentinel Gold Corp. (Dawson, Augsten and Heinrich, 1989), soil surveys, ground geophysics and limited drilling in the southwestern part by Formosa Resources Corp. (Leighton, 1991), limited diamond drilling in the Majestic area (Teck Exploration Ltd., 1992) and, in 1996, some geophysics, geochemical surveys and four diamond drill holes totaling 623 meters south and west of the Josie and Central properties (Thomson, 1997).

More recent exploration on immediately adjacent ground includes an extensive diamond drill program, conducted in 2008 by Valterra Resources Corp. on the Star-Toughnut property along the western side of the property, and as noted above, considerable exploration by Anglo Swiss, leading to a decision to reopen the Kenville mine.

The property has been optioned to Klondike Gold Corp. from Jack Denny, and work to date done by Klondike Gold includes mapping and sampling in 2003 (Wehrle, 2004) and during the 2008 field season, limited geological mapping and prospecting, and a soil geochemical survey largely concentrated on the eastern side of the claim group.

## **Regional Geology**

The geology in the vicinity of the Ron property has been mapped on a regional scale by Little (1960) and Höy and Andrew (1989). A regional compilation of the Nelson-Trail map area, at 1:100,000 scale, extends from Nelson in the northeast to Rossland in the southwest and includes the Ron area (Höy and Andrew, 1998) and in 2004, Höy and Dunne (2004) compiled all recent geology of the Nelson map area. A simplified regional geological map of the area is shown on the location map, Figure 1.

The area lies along the eastern edge of Quesnellia, within the highly deformed structural belt that is referred to as the Kootenay Arc. Rocks of Quesnellia in the Nelson-Trail map area include the Early Jurassic Rossland Group sitting unconformably on Late Paleozoic metasediments, carbonates and minor metavolcanics of the Harper Creek Group. To the east, Late Proterozoic to Early Paleozoic platformal rocks mark the western faulted margin of the North American miogeocline. The area has been intensely deformed producing generally tight to isoclinal northeast to north trending folds that here roughly coincide with the North American–Quesnellia boundary.

Several phases of plutonic activity are recognized. Alkalic to subalkalic porphyritic leucodiorites and granodiorites, referred to as the Silver King intrusions, are exposed south of the Clubine property. They are dated as Early to Middle Jurassic (ca. 174-178 Ma; Höy and Dunne, 1997) and are interpreted to be the source of gold mineralization at Sultan Mineral's Keno property south of Nelson. Middle Jurassic plutons, part of the Nelson plutonic suite, occur throughout the Rossland-Salmo-Nelson area. They are associated with a variety of mineralized vein and skarn deposits along their margins, including the Ymir and Nelson Camps. The Rossland gold-copper veins occur within and along the margins of the Rossland monzodiorite, an early phase of the Nelson plutonic suite (Höy and Dunne, 2001). Early and Late Cretaceous granitic rocks postdate Jurassic deformation and metamorphism. Many are associated with tungsten and minor copper, gold and zinc mineralization (e.g., Invincible, Dodger, Emerald deposits south of Salmo). Eocene-age Coryell intrusions are typically alkaline; recently they have become the focus of epithermal gold-silver mineralization, with discovery of several new epithermal veins north of Castlegar (Kootenay Gold Corp.).

## **Property geology**

A simplified geological map of the Ron property and immediately surrounding area is shown in Figure 3. It is taken from the regional mapping of Höy and Andrew (1989) with modifications from Wehrle (2004). The property is underlain mainly by the Eagle Creek plutonic complex, referred to as a pseudodiorite by Mulligan (1952). It intrudes mafic volcanic rocks of the Early Jurassic Elise Formation and is cut by prominent northwest trending shears, part of the Silver King shear zone, that extends more than 40 km to the south. A normal fault, referred to as the Mount Verde fault appears to define the southwestern edge of the intrusion (Höy and Andrew, 1989). Analyses of samples collected by Wehrle (2004) are also shown on the map (Figure 3).

The Eagle Creek plutonic complex is generally a medium to coarse-grained mafic to intermediate intrusion, in part gneissic; locally it grades into leucocratic hornblende syenite (Mulligan, 1952) and occasionally incorporates ultramafics phases. Contacts of the intrusion with the Elise Formation are generally sharp, locally marked by coarse grained clinopyroxenites. The age of the intrusive complex is not known. It is cut by phases of the Middle Jurassic Nelson intrusions and by the Silver King shear zone, interpreted to have occurred ca. 175 Ma, and hence Höy and Dunne (1997) tentatively assigned the complex an Early Jurassic age.

The Elise Formation, the central volcanic succession of the Early Jurassic Rossland Group, comprises mafic flows and mafic lapilli and crystal tuff (Höy and Dunne, 1997, 2001). Higher in the succession, more andesitic lapilli tuffs predominate, with abundant plagioclase and augite bearing volcanic clasts. These are exposed along the southwestern edge of the property, typically in faulted contact with the Eagle Creek complex. Metasedimentary layers, comprising siltstone and argillaceous siltstone, are relatively rare in the Elise Formation.

The structure of the area is dominated by the Silver King shear zone, a broad zone of intense shearing and alteration that extends from the area of the Ron claims and the Eagle Creek plutonic complex southward to south of Salmo, a distance of 40 kilometers. The shear zone follows approximately the core zone and western margins of an overturned, west-dipping synclinal fold, the Hall Creek syncline. Numerous mineral showings occur within the zone, the

most notable the Silver King silver-lead-zinc veins approximately 8 km southeast of the Ron group.

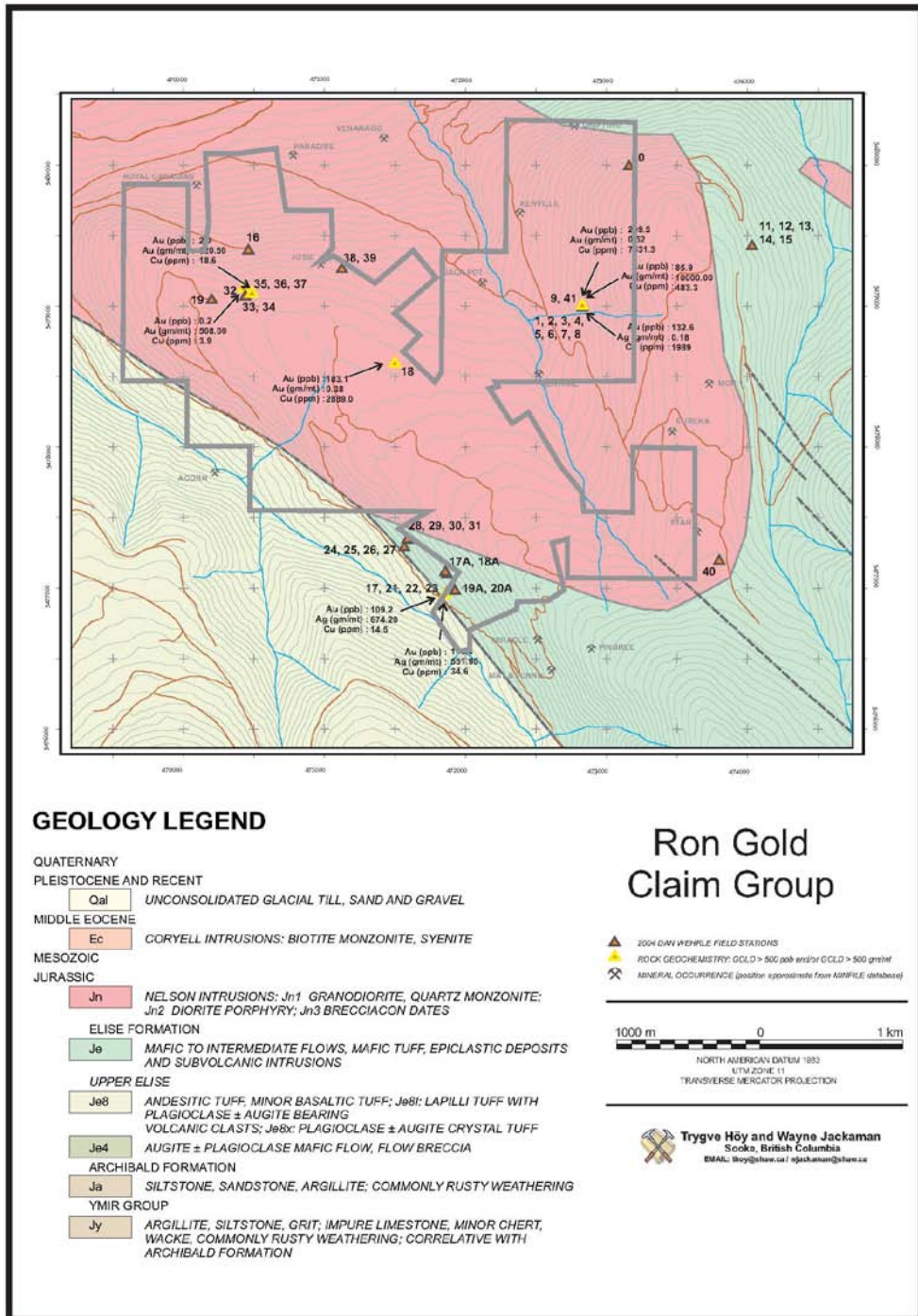


Figure 3: Geology of the Ron claim Group, modified from Höy and Dunne, 2004.

As noted below under “Mineralization”, several mineral deposits and showings occur within or immediately adjacent to Ron Claim group. Some of these are recorded in BC Minfile, others were discovered by Wehrle (2004) and others by prospector, Tom Kennedy in 2008 while under contract to Klondike Gold Corp. .

## **Mineralization**

The Ron Group of claims has had considerable exploration history as is briefly described above (Exploration history). This has led to the discovery of a number of mineral occurrences on the claim group and on immediately adjacent ground, as shown in Table 1. Reconnaissance geological mapping and prospecting, carried out by Wehrle (2004) found considerable evidence of more unrecorded work on the Ron property and led to the discovery of several showings and occurrences that are not documented in BC Minfile. Descriptions of these showings, given below, are taken mainly from Wehrle (*op. cit.*) and observations from this past (2008) summer (this report). Tom Kennedy prospected the property for Klondike Gold Corp. in the fall of 2008 and several new mineral occurrences were discovered, with descriptions of hand samples submitted for analyses, given in Table 3. These are described under “Prospecting”, below.

The Montague and Miracle (082FSW090) shear zones are located along the southern part of the Ron claim group, on the steep wooded slopes above Fortynine Creek. Both have had some past work done on them, including trenching and minor underground work. They are easily accessible by a well-maintained exploration road that follows the east bank of Fortynine Creek. Few descriptions of the property or mineralization are available, but Wehrle describes north-northwest to north trending, silicified shears with minor pyrite and considerable “gossan”, and grab samples with elevated metal values ranging up to 200 ppb Au and 670 ppb copper.

The Mooney Pit area is in the northeastern part of the original Ron Group claims. Old trenches in the area attest to some early exploration work. A sample collected by Wehrle (2004) assayed 380 ppb Au and 0.389% Cu.

The Majestic area, in the northern part of the claim group (Figure 10) has had some exploration, including trenching and one diamond drill hole (Wehrle, 2004). Fourteen samples were collected in the area by Wehrle, with reported elevated gold in 7 of these, and the highest value of 0.14 g/T Au in a 3 meter channel sample. Lithologies are described as weakly foliated and altered diorite with minor veining.

Copper Corner, in the eastern part of the Ron claim group, was also channel sampled by Wehrle (2004) with gold values ranging from 0.03 g/T Au to 0.52 g/T Au in 3 meter samples. Copper was elevated in 8 of 10 channel samples, ranging from 436 ppm Cu to >10,000 ppm (>1%) copper. Grab samples carried up to 0.52 g/T Au and >1% Cu. Host rocks are altered and veined “diorites”, commonly fractured with coatings of malachite. The 2008 soil geochemical program concentrated on the Copper Corner area.



Table 1: Mineral occurrences on properties immediately adjacent to the Ron claim group, or on crown grants within the group

Minfile number	name	status	commodities	classification (BC Minfile)
082FSW083	Star (Alma N)	past producer		Au-quartz veins Alkali porphyry Cu-Au
082FSW084	Eureka Great Western L 5552	past producer	Cu,Au,Ag,Pb,Zn±Au	Polymetallic Ag-Pb-Zn±Au veins Au-quartz veins Alkali porphyry Cu-Au
082FSW085	Central L4801	past producer	Cu,Ag,Au	subvolcanic Cu-Ag-Au
082FSW086	Kenville L 2550 (Granite-Poorman)	past producer	Ag,Au,Pb,Zn,Cu	Au-quartz veins Alkali porphyry Cu-Au Intrusion-related Au-pyrrhotite veins
082FSW087	Vanango L 4757	past producer	Au,Ag,Pb,Zn,W	Au-quartz veins Tungsten veins Intrusion-related Au-pyrrhotite veins
082FSW088	Royal Canadian L 633 (Nevada)	past producer	Au,Ag,Zn,Pb,W	Au-quartz veins Tungsten veins Intrusion-related Au-pyrrhotite veins
082FSW090	Miracle	prospect	Au,Ag	subvolcanic Cu-Ag-Au (As,Sb)
082FSW091	May & Jennie L3943	past producer	Au,Ag	Au-quartz veins subvolcanic Cu-Ag-Au
082FSW248	Paradise L728	showing	Au,Ag,Cu	Au-quartz veins
082FSW254	Jack Pot L 4789	showing	Cu,Ag,Au	Polymetallic Ag-Pb-Zn±Au veins
082FSW269	Acorn	showing	W,Au	surficial placers
082FSW274	Josie L 3925	showing	Au,Cu,Ag	
082FSW354	Orofino (Evening Star)	showing	Au,Ag,Cu	Alkali porphyry Cu-Ag Polymetallic Ag-Pb-Zn±Au veins

## Soil Geochemistry

A soil geochemical survey, covering an area of approximately 550 meters by 1000 meters was done in the eastern part of the Ron claim group. The grid location is shown in Figure 4, analyses of soil samples are given in Appendix 5, and copper, gold, silver, lead and zinc values are plotted and contoured on Figures 5 to 9.

Twelve lines of soil geochemistry were run, each trending east-west, and spaced 100 meters apart. Samples were collected, where possible, at 25 meter spacing on lines. A total of 213 soil samples were collected, analyzed and plotted on the contour soil maps. Samples were taken from the B horizon at approximate depths of 10 to 15 cm, placed in Kraft paper bags, dried and shipped to Acme Analytical Laboratories Ltd at 852 East Hastings Street, Vancouver. Here they were analyzed for 36-element ICP-MS. Copper values ranged from 13 to 1311 ppm with a mean of 86 ppm, lead from 4 to 86.6 ppm with a mean of 54.7 ppm, zinc from 42 to 181 ppm with a mean of 125 ppm, silver from <0.1 to 1.6 ppm with a mean of 0.3 and gold from 0.6 to 1465 ppb with a mean of 4.5 ppb. In addition to the one exceptionally high gold value, six other samples had values greater than 100 ppb Au, ranging from 120 to 911 ppb.

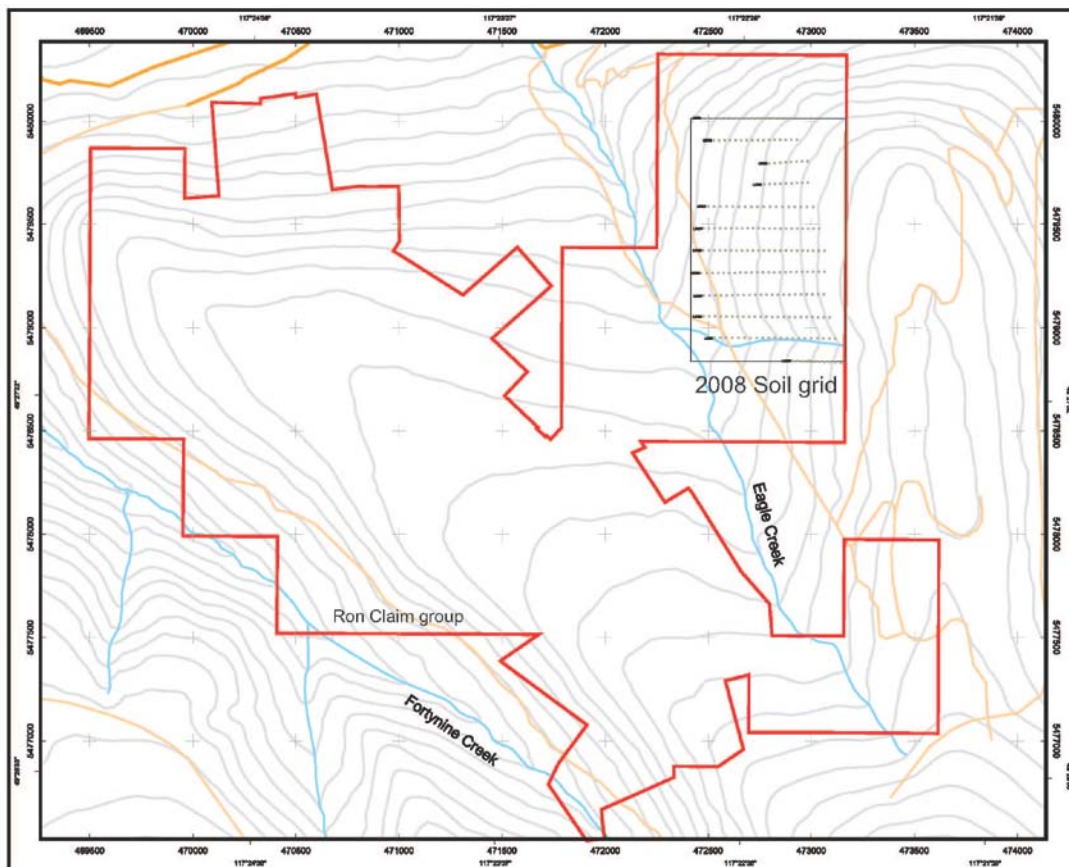


Figure 4: Location of 2008 soil grid; see Figures 5 to 9 for contoured soil geochemical maps

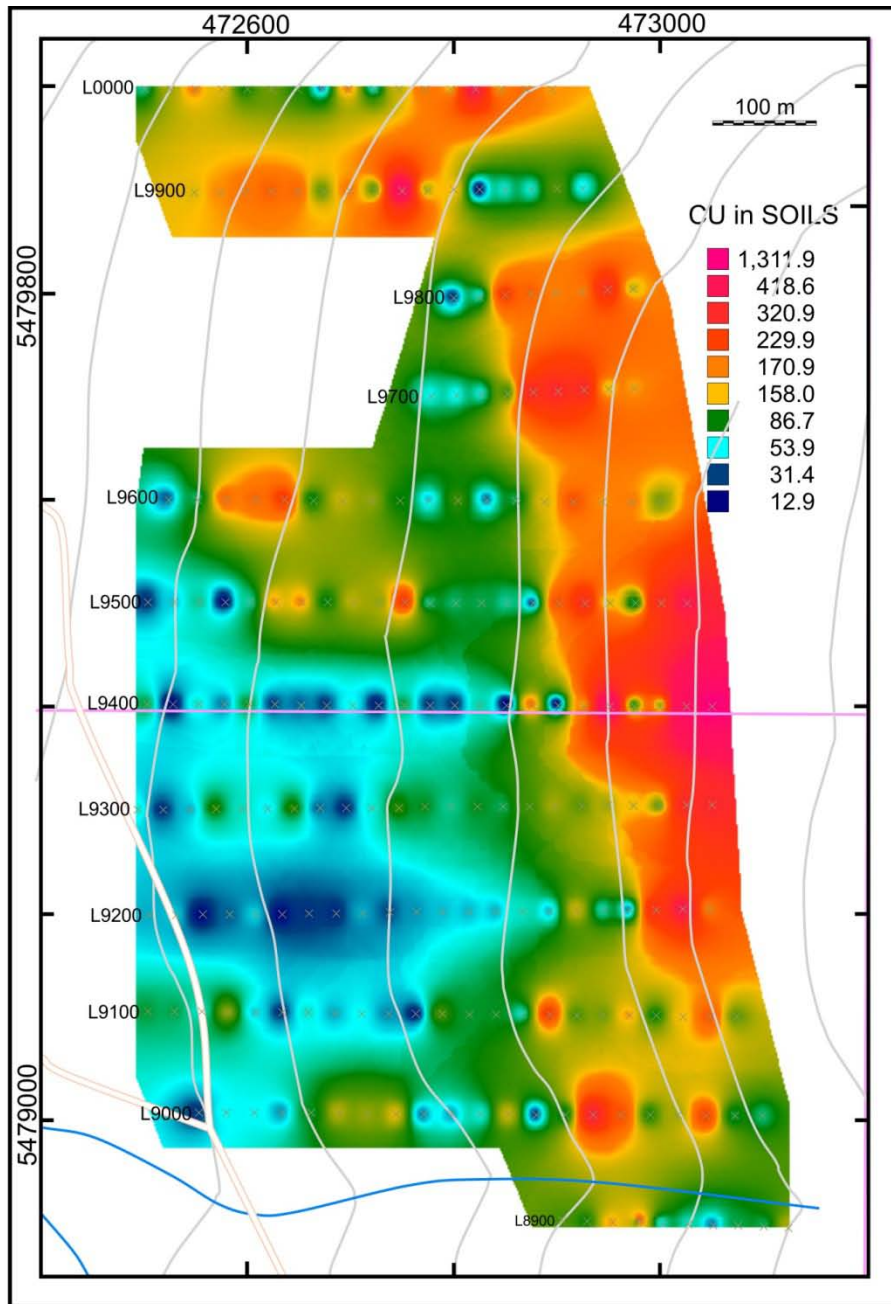


Figure 5: Contoured copper soil map (see Figure 4 for location and Appendix 5 for data).

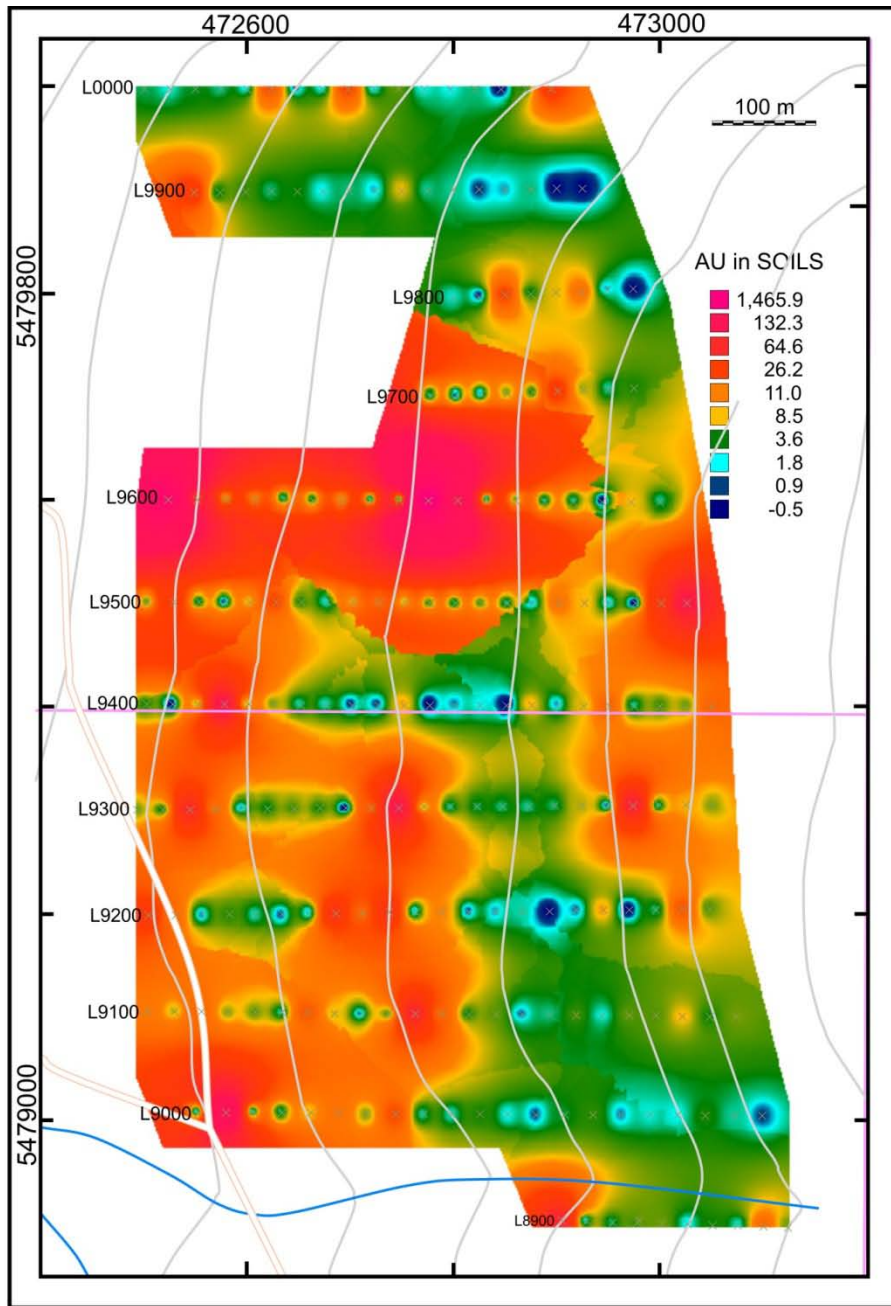


Figure 6: Contoured gold soil map (see Figure 4 for location and Appendix 5 for data).

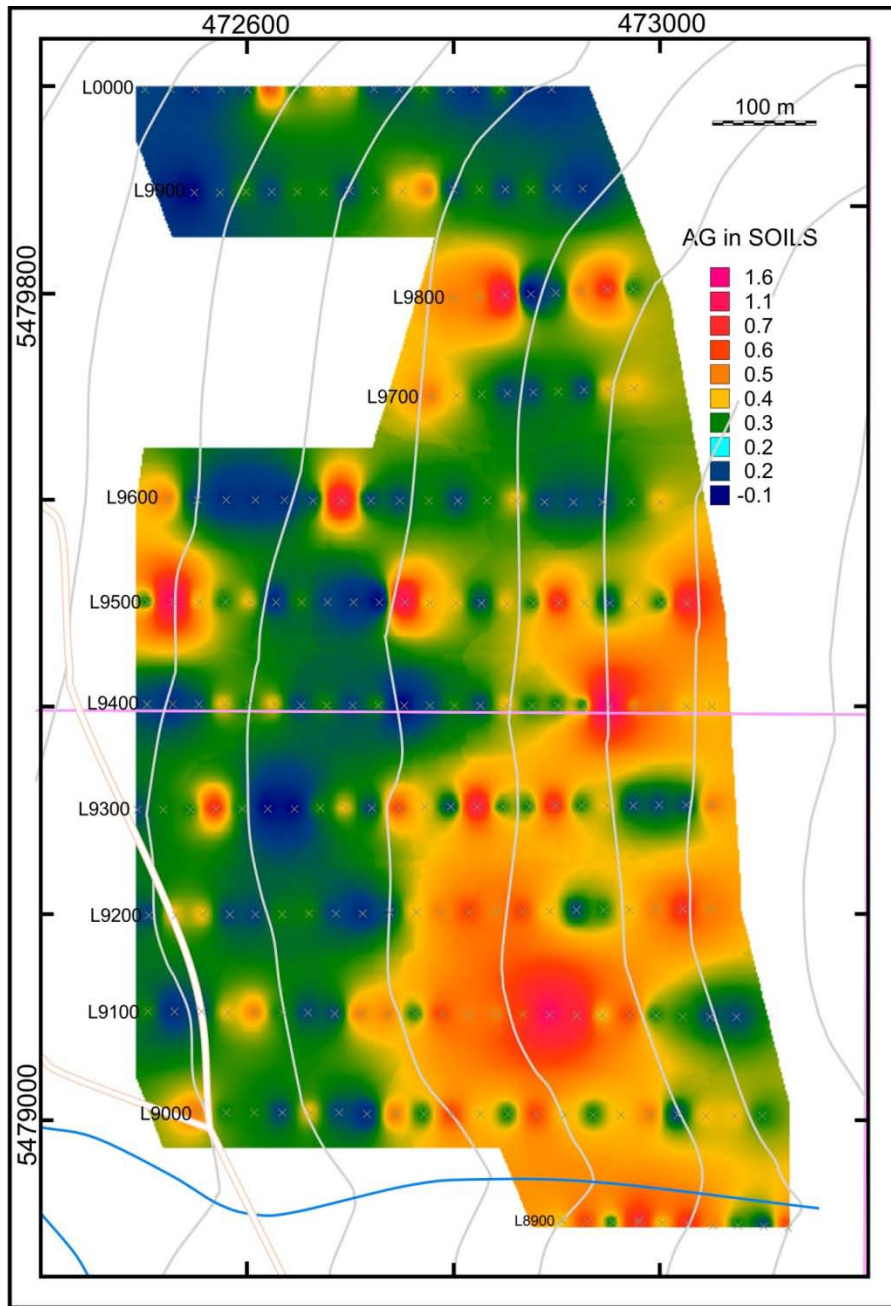


Figure 7: Contoured silver soil map (see Figure 4 for location and Appendix 5 for data).

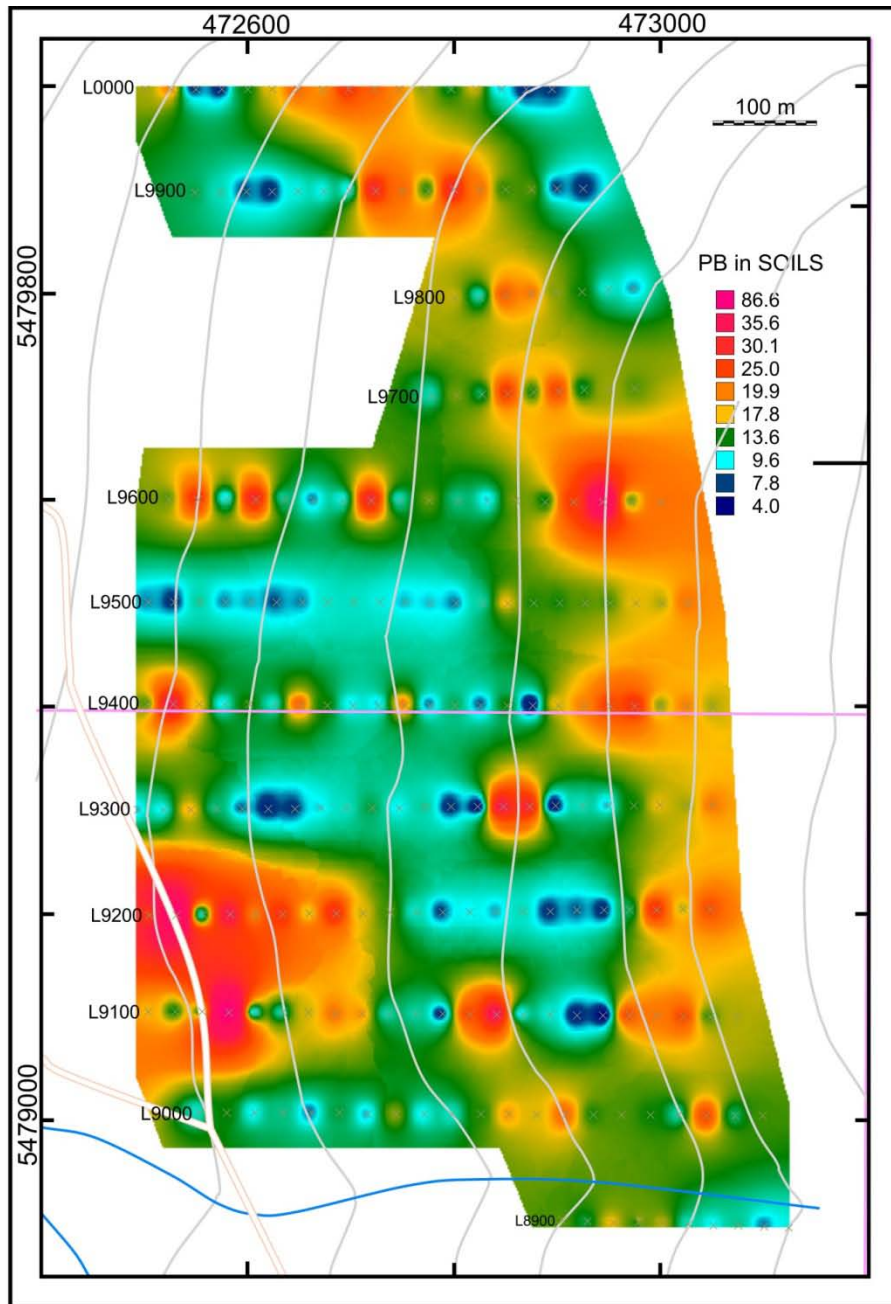


Figure 8: Contoured lead soil map (see Figure 4 for location and Appendix 5 for data).

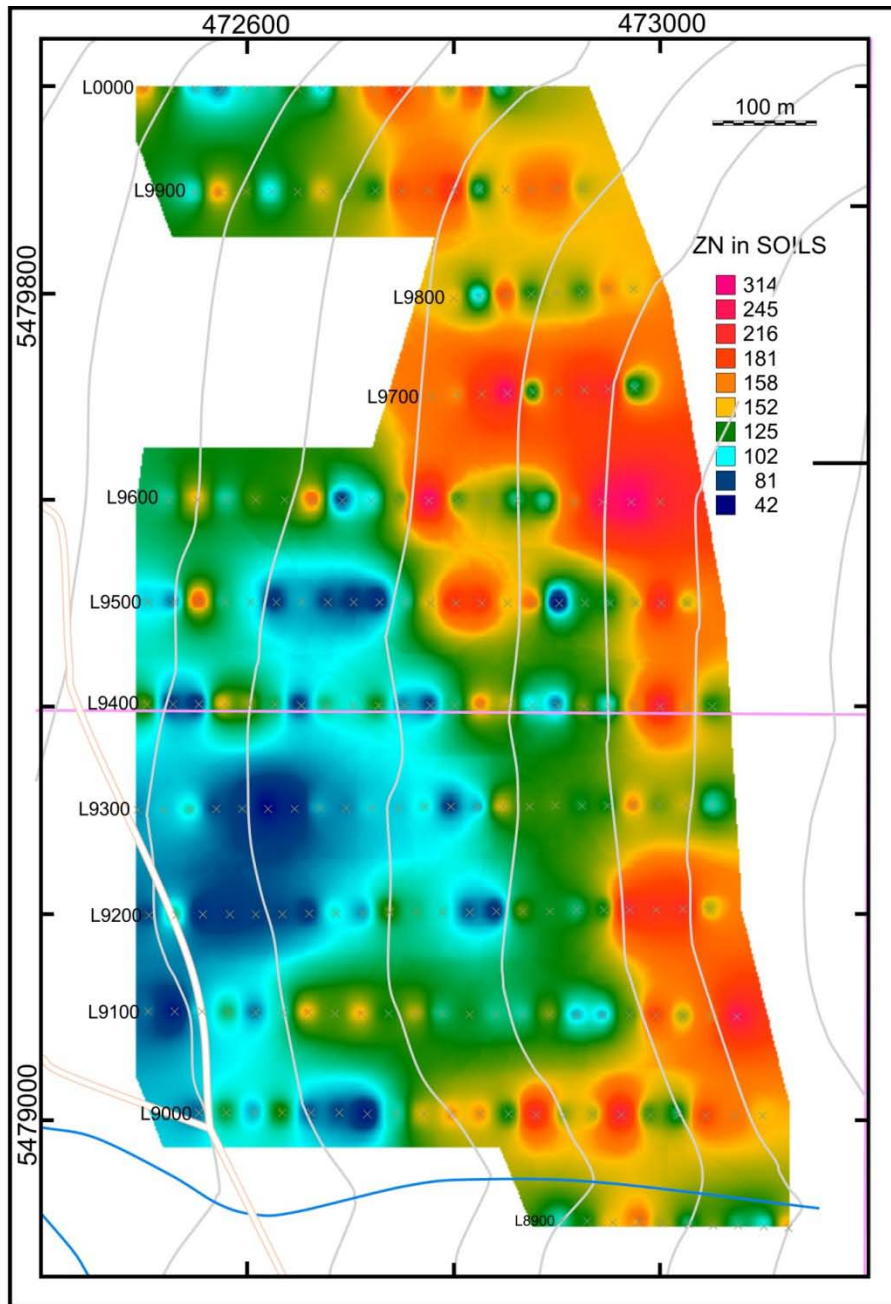


Figure 9: Contoured zinc soil map (see Figure 4 for location and Appendix 5 for data).

## **Soil geochemical survey: discussion**

The 2008 soil geochemical program focused on a small area in the eastern part of the Ron property that Wehrle (2004) had recognized as containing anomalous gold and copper in numerous rock hand and chip samples. Little geological work has been done in this area and therefore it is difficult to correlate specific lithologic units with anomalous soil values. The area is largely underlain by phases of the Eagle Creek plutonic complex (see Figure 3), based on more regional mapping as well as some reconnaissance mapping during the 2008 field season.

The contoured copper soil map shows a broad north trending anomaly along the eastern edge of the grid (Figure 5) with an east trending anomalous zone at the northern edge. The sampled outcrops, referred to as “Copper corner” by Wehrle (2004) and located in the southeastern part of the grid correspond approximately with an individual geochemical copper high but are not within the broad north trending anomaly, located generally east and north.

Gold anomalies and individual gold values are shown on Figure 6. Although general gold soil geochemical trends are difficult to interpret, there appears to be a broad anomalous gold zone along the western side of the grid. There appears to be little apparent correlation between gold and copper values. Of more significance, however, are the spot gold values which are considered exceptionally high, ranging up to 1459 ppb Au in a sample near the central part of the grid, and a second adjacent sample, 25 meters to the east, with 132 ppb Au. A third sample, on the same east-west line, 225 meters to the west has a value of 911 ppb Au. Four other samples on the grid, as shown in Figure 6, have gold soil values above 100 ppb, ranging from 120 to 268 ppb gold. These anomalies should be tested further, first through prospecting and mapping of host rocks, then trenching and, if warranted, drilling.

The contoured lead soil map (Figure 8) shows a broad, moderately anomalous area along the eastern edge of the grid, roughly coincident with the copper anomaly. The zone trends north-northwesterly to the northern limits of the grid. This trend is approximately parallel to the Silver King shear zone. An irregular high also occurs in the southwestern part of the grid, where the highest lead value in soils, 87 ppm Pb, occurs.

High zinc soil values are also concentrated along the eastern side of the grid (Figure 9), again approximately coincident with the copper and lead anomalies. Again, the general north-northwest trend of the anomaly parallels approximately the trend of the regional Silver King shear zone.

Anomalous silver values occur in a broad, diffuse zone in the southeastern part of the grid (Figure 7). Individual values here range up to a high of 1.6 ppm Ag.

Contoured soil maps generally show coincident broad anomalous zones in the eastern part of the grid. The north-northwest trend to these zones approximately parallels the trend of the Silver King shear zone that extends from well south of the Ron claim group and into the Eagle Creek plutonic complex that underlies much of the claim group. The Silver King zone is a wide structural zone, locally marked by intense shearing, with numerous mineral occurrences and deposits. Individual gold values are very high on the soil grid, and appear to be randomly distributed. The irregular soil anomaly patterns, relatively high gold and copper values, and style of mineralization at the Copper Corner locality are consistent with a copper-gold porphyry model. Furthermore, the approximate north-northwesterly trend to the coincident anomalies suggests possible upgrading by the Silver King shear zone or by parallel structures.



## Prospecting

Tom Kennedy, under contract to Klondike Gold Corp., prospected part of the claim group in October, 2008. His hand sample localities, with selected assay results are shown in Figure 10. Sample descriptions are given in Table 3 and a summary of analyses of selected samples in Table 2. Complete analyses are given in Appendix 4. Samples collected and analyzed by D. Wehrle and given in Assessment Report 27683 (Wehrle, 2004) are also shown on Figure 10.

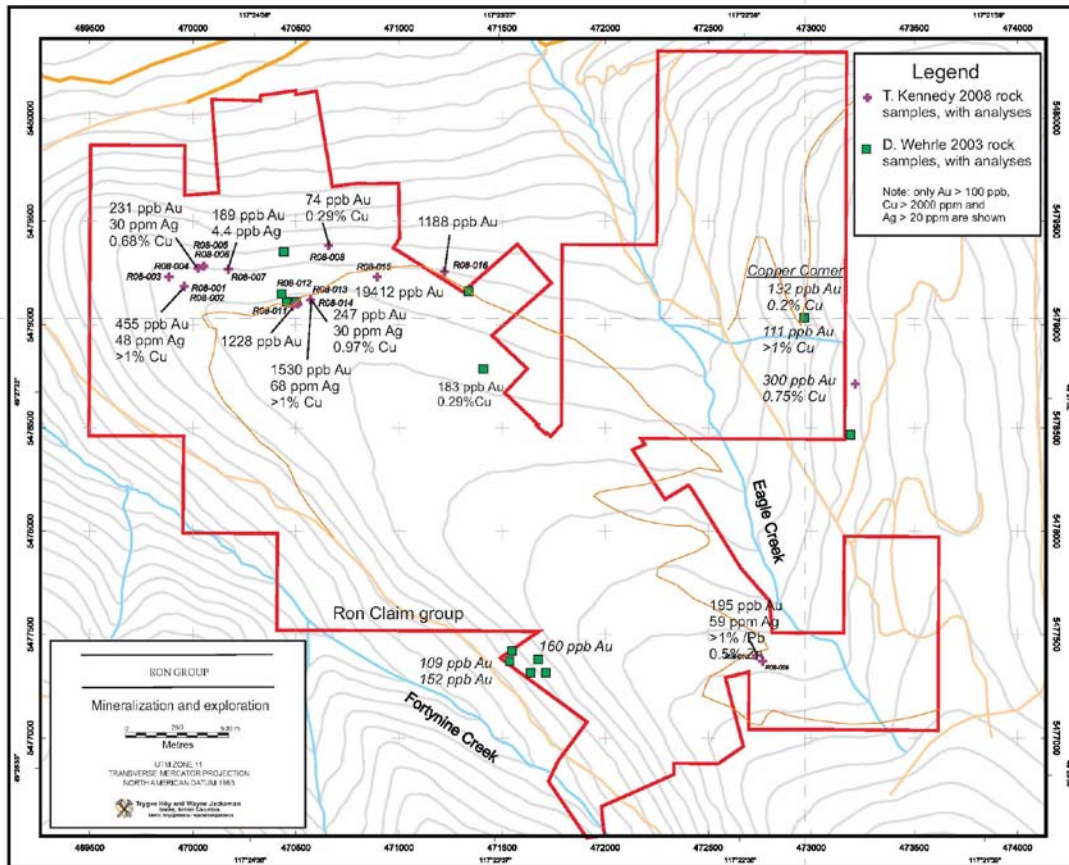


Figure 10: Location of hand samples, collected by T. Kennedy, and analyses of selected samples; see Appendix 4 for complete analyses. Also shown are analyses of samples collected by Wehrle (2004).

Sample no.	Gold (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)
R08-1	455.4	>10000	4	21	48.2
R08-4	231.1	6833	70	173	29.6
R08-7	188.8	379	6	10	4.4
R08-8	74.5	2863	<3	79	3.0
R08-10	194.9	120	>10000	5242	59.4
R08-11	228.5	200	239	62	2.6
R08-13	147.2	9680	34	18	30.6
R08-14	1530	>10000	27	16	67.8
R08-15	19412	133	145	120	3.6
R08-16	1188	122	130	59	2.9

Table 2: Analyses of selected hand samples, collected by T. Kennedy; see Table 3 for sample descriptions and Appendix 4 for complete analyses; samples are plotted on Figure 10.

Samples collected by T. Kennedy are from quartz veins, sulphide quartz veins, shear zones or siliceous zones in the Eagle Creek plutonic complex. Of the 16 samples collected, 9 had gold values greater than 100 ppb, three had values greater than 1000 ppb and one, sample R08-15, contained 19,412 ppb gold (Table 2). R08-15 is from a 15 cm wide shear zone with quartz, minor pyrite and malachite staining (Table 3) that strikes northwest, roughly parallel to shears within the Silver King shear zone. R08-16 (1188 ppb Au) is from a mylonitic zone, and R08-14 (1530 ppb Au) is from a small vein within a larger zone of brecciated quartz veining that contains pods of chalcopyrite.

Several samples contain visible chalcopyrite and returned assays that range to greater than 1% Cu. R08-01 is from a quartz-calcite-chalcopyrite vein within a large northwest trending shear zone and R08-04, located approximately 125 meters to the northwest, is from a similar, parallel shear zone.

Only one sample contained appreciable lead and zinc. R08-10 is described as a quartz breccia with visible galena and sphalerite (Table 3). As with all samples collected during the 2008 prospecting sample, it contains anomalous gold (195 ppb).

In summary, the limited 2008 prospecting program was successful in locating several new occurrences of gold and copper mineralization on the Ron claims. Many of these occurrences appear to be related to northwest trending shearing, or associated veining that cuts the marginal zones of the Eagle Creek plutonic complex. No samples were collected in the area covered by the 2008 soil geochemical survey.

Sample	UTM E	UTM N	Description
R08-001	469956	5479184	6 inch wide crystalline quartz vein in mafic intrusive unit with some calcite and chalcopyrite - part of a larger shear zone trending 330 degrees and dipping 70-80 degrees to the NW
R08-002	469956	5479184	Epithermal like quartz zone in above shear - quartz crystal breccia material with some limonite and pyrite and green chlorite
R08-003	469883	5479230	5m wide zone of sheared and milled granodiorite with quartz crystal vugs veining roughly 310 degree trend, dipping 70 degrees to NE - composite of more limonite rich material
R08-004	470023	5479272	320 degree trending quartz shear in mafic unit with 6 inch wide quartz vein -some pyrite, limonite and chalcopyrite -dip 70 degrees to NW
R08-005	470051	5479281	120 degree trending fracture zone in diorite with copper staining and chalcopyrite with epidote and carbonate; 8 inch wide zone, vertical dip
R08-006	470051	5479281	0.5m wide quartz crystal breccia vein with some limonite and pyrite with argillic alteration cutting diorite unit
R08-007	470171	5479269	Milky quartz sub-crop with brown limonite, sericite and pyrite in quartz and along margins
R08-008	470658	5479381	Quartz subcrop with limonite and copper staining and some carbonate in more granitic looking host
R08-009	472762	5477369	Carbonate altered zone in diorite with calcite, chlorite, quartz, sericite and pyrite with hematite and galena? In veinlets, fractures trending 70 degrees
R08-010	472733	5477399	1m by 1m block of quartz breccia material with galena, pyrite and limonite -angular
R08-011	470481	5479087	10 degree trending ribboned quartz vein with some limonite and pyrite dip 80 degrees to E - 4 to 6 inches wide
R08-012	470509	5479098	8 inch wide quartz vein/shear with limonite boxworks and sericite -strike 18 degrees dip 75 degrees to west
R08-013	470570	5479120	Zone of broken milky white quartz veins up to 8 inches wide with pods of chalcopyrite and limonite cutting diorite unit across 1.5m width in association with a greenstone dyke- veining roughly 100 degree trend dip 70 degrees to NE -sample is a grab of a chalcopyrite rich pod
R08-014	470570	5479120	Same zone as above -sample of a smaller vein with some chalcopyrite and limonite
R08-015	470894	5479230	6 inch wide quartz shear zone in granodiorite with some pyrite, limonite and copper staining - N/S strike dipping 45-50 degrees to the W
R08-016	471220	5479255	Mylonitic zone cutting coarse grained granite (Eocene?) with pyrite and limonite and quartz

Table 3: Description of hand samples, collected by T. Kennedy; see Figure 10 for their location, Table 2 for selected analyses and Appendix 3 for complete analyses.

## **Summary**

1. The Ron property is underlain mainly by mafic to intermediate rocks of the Eagle Creek plutonic complex that intrudes metavolcanics of the Early Jurassic Rossland Group. The complex and host rocks are sheared by the northwest trending Silver King shear zone that extends more than 40 km to the south.
2. Numerous mineral occurrences, including the past-producing Granite-Poorman or Kenville mine, occur on immediately adjacent claims, and several mineral occurrences listed in BC Minfile are on the Ron claims.
3. Work during the 2008 season (this report) included a small geochemical soil grid and 5 days of prospecting.
4. Prospecting in 2004 (Wehrle, 2004) and during this program (T. Kennedy) discovered several new occurrences and showings. These are generally shear-related veins with variable to locally high copper and gold values, as well as fracture and vein controlled mineralization within the Eagle Creek plutonic complex itself.
5. A small soil geochemical survey done in the northeastern part of the claim group identified some broad, irregular north to north-northwest trending coincident copper-(lead)-(zinc)-(silver) anomalies that appear to roughly parallel the trend of the Silver King shear zone.
6. Gold values in the soil survey were more erratic although several very high values were recorded. Specifically, two samples 25 meters apart, returned values of 1460 and 132 ppb Au and a third sample, 225 meters to the west, returned 911 ppb Au.
7. Results of the 2008 field program are consistent with an exploration model for a porphyry-type copper-gold system. Later structural modifications, specifically veining and shearing associated with the Silver King shear zone, may have locally enhanced copper and gold values.

## **Recommendations**

Considerable past exploration has occurred on various parts of the Ron property, but work in recent years by Klondike Gold Corp. is very limited. Based on the results of this latest program, it is recommended that:

1. The property needs to be re-evaluated as a copper-gold porphyry target. An airborne geophysical survey covering the entire claim group should help in more clearly outlining lithological units, controlling regional structures, and locating areas with higher than background sulphide concentrations.
2. Considerable more prospecting should be done, covering a much larger part of the claim group. This should be done in conjunction with property-scale geological mapping.
3. The soil geochemical program should be expanded to the south and southwest to encompass the central part of the claim group.
4. Specific areas with highly elevated gold soil values need to be evaluated, first through ground “truthing” (prospecting, mapping) if rock outcrops are present and then by trenching. Based on positive results from this work, drilling may be recommended.

## References

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## Appendix 1

### LIST OF CLAIMS, RON PROPERTY

Claim Name	Type	Lot No.	Record	New	Recording	old	new	Size
			Number	Record	Date	Expiry	expiry	
Majestic	Rev. C.G.	L. 402	232819		10-Jan-80	10-Jan-10	15-Nov-12	25?
Invincible	Rev. C.G.	L. 3684	232820		10-Jan-80	10-Jan-10	15-Nov-12	25?
Varnamo	Rev. C.G.	L. 4790	232821		10-Jan-80	10-Jan-10	15-Nov-12	25?
Republic Fraction	Rev. C.G.	L. 3206	232834		17-Jan-80	17-Jan-10	15-Nov-12	25?
Mika Chahko	Rev. C.G.	L. 14441	232836		17-Jan-80	17-Jan-10	15-Nov-12	25?
Moken Bird Fr.	Rev. C.G.	L. 3932	232835		17-Jan-80	17-Jan-10	15-Nov-12	25?
Ron 1 Fraction	Fraction		232839		24-Jan-80	24-Jan-10	15-Nov-12	25?
Ron 2 Fr.	Fraction		232840		24-Jan-80	24-Jan-10	15-Nov-12	25?
Ron 4	2 post		232841		24-Jan-80	24-Jan-10	15-Nov-12	25?
Ron 5	2 post		232842		24-Jan-80	24-Jan-10	15-Nov-12	25?
Ron 6	2 post		232843		24-Jan-80	24-Jan-10	15-Nov-12	25?
Ron 7	2 post		232844		24-Jan-80	24-Jan-10	15-Nov-12	25?
Ron 8	2 post		232845		24-Jan-80	24-Jan-10	15-Nov-12	25?
Ron 3 Fr.	Fraction		232855		10-Mar-80	10-Mar-10	15-Nov-12	25?
Ron 10	2 post		232856	514476	10-Mar-80	10-Mar-10	15-Nov-12	146.981
Ron 11	2 post		232857		10-Mar-80		15-Nov-12	25?
Ron 12	2 post		232858		10-Mar-80		15-Nov-12	25?
Ron 9	2 post		233224	514473	14-May-84	14-Aug-09	15-Nov-12	146.999
Ron 13	2 post		233225		14-May-84		15-Nov-12	25?
Ron 15	2 post		233226		14-May-84		15-Nov-12	25?
Ron 16	2 post		233227		14-May-84		15-Nov-12	25?
Majestic Fr.	Fraction		233228		14-May-84	14-Aug-09	15-Nov-12	25?
Muldoon Fr.	Fraction		233229		14-May-84	14-Aug-09	15-Nov-12	25?
Ron 17 Fr.	Fraction		233257		18-Aug-84	28-Aug-09	15-Nov-12	25?
Ron 4 Fr.	Fraction		300375		03-Jun-91		15-Nov-12	25?
Muldoon	Cr. Gr	L.976					15-Nov-12	25?
CUAG 1	2 post		327929	514477	18-Jul-94	18-Jul-09	15-Nov-12	125.981
CUAG 2	2 post		327930		18-Jul-94	18-Jul-09	15-Nov-12	25?
Ron 19	2 post		385353		29-Mar-01	30-Apr-09	15-Nov-12	25?
Josie	Rev. C.G.	L. 3925	233385		29-Oct-85	29-Oct-09	15-Nov-12	25?
Royal Arthur	2 post		374494		25-Feb-00	25-Feb-10	15-Nov-12	25?
Art	2 post		378773	514479	11-Jul-00	11-Jul-09	15-Nov-12	63.007
Art 2	2 post		378774		18-Jul-00	18-Jul-09	15-Nov-12	25?
Art 3	2 post		378775		18-Jul-00	18-Jul-09	15-Nov-12	25?
CUAG 3	2 post		391488		04-Jan-02		15-Nov-12	25?
CUAG 4	2 post		391489		04-Jan-02		15-Nov-12	25?
CUAG 5	2 post		391490	514478	04-Jan-02	04-Jan-10	15-Nov-12	83.973
Majestic 1	2 post		391367		18-Dec-01	18-Dec-10	15-Nov-12	25?
Majestic 2	2 post		391368		18-Dec-01	18-Dec-10	15-Nov-12	25?
Majestic 3	2 post		392164		07-Mar-02	07-Mar-10	15-Nov-12	25?

## **Appendix 2**

### **STATEMENT OF QUALIFICATIONS: Trygve Høy**

---

I, Trygve Høy, PhD., P. Eng. do hereby certify that:

1. I attained the degree of Doctor of Philosophy (PhD) in geology from Queens University, Kingston, Ontario in 1974.
2. I have an MSc. in Geology from Carleton University, Ottawa, Ontario (1970), and a BSc. in Geology from the University of British Columbia (1968).
3. I am a member of the Association of Professional Engineers and Geoscientists of BC. and a member of the Society of Economic Geologists.
4. I have worked as a geologist for a total of 35 years since my graduation from university, 27 years as a project geologist with the B.C. Geological Survey Branch and 8 years as an independent consulting geologist.
5. I am the project manager for the Ron property, have visited and done some mapping on the property and supervised the property programs.
6. I am responsible for the preparation of this report entitled: “The Ron property, Nelson area, British Columbia; 2008 exploration report”, dated June 8, 2009.

Dated this 8th Day of June, 2009.

---

Trygve Høy

### Appendix 3

#### STATEMENT OF COSTS

<u>Geology</u>	T. Höy	3 days @ \$600.00/day	\$ 1,800.00
field assistance	G.M Defields	3 days @ \$200.00/day	\$ 600.00
vehicle rental			\$ 300.00
meals / accom.			\$ 226.25
<u>Prospecting</u>	T. Kennedy	5 days @ \$350.00/day	\$ 1,750.00
truck rental		5 days @ 150.00	\$ 750.00
rock geochemistry	Acme	20 samples @ \$20 each	\$ 400.00
<u>Soil survey</u>			
	B. Denny	5 days @ 150.00	\$ 750.00
	J. Seabrook	5 days @ 225.00	\$ 1,125.00
Food / lodging			\$ 320.80
truck rental			\$ 547.00
supplies			\$ 19.94
Analyses	Acme		\$ 3,177.96
<u>Report preparation</u>		8.5 days @ \$600.00/day	\$ 5,100.00
Subtotal			\$ 16,866.95
<u>Administration</u>		15%	\$ 2,470.00
<b>Total</b>			<b>\$ 19,336.95</b>



**Appendix 4**  
**ROCK ANALYSES**

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Vancouver BC V6B 1N2 Canada

Submitted By: Trygve Hoy  
Receiving Lab: Canada-Vancouver  
Received: May 04, 2009  
Report Date: May 13, 2009  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

VAN09001522.1

### CLIENT JOB INFORMATION

Project: RON  
Shipment ID:  
P.O. Number  
Number of Samples: 16

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Klondike Gold Corp.  
711 - 675 W. Hastings St.  
Vancouver BC V6B 1N2  
Canada

CC: Tom Kennedy

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R200	16	Crush, split and pulverize rock to 200 mesh		
3A	16	Ignite samples, acid digest, Au by ICP-MS analysis	15	Completed
1DD	16	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: RON  
 Report Date: May 13, 2009

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN09001522.1

Method	WGHT	3A	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.5	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	
R08-1	Rock	0.65	455.4	22	>10000	4	21	48.2	3	10	64	3.57	2	<8	<2	<2	5	0.9	4	4	12
R08-2	Rock	0.75	2.4	3	43	<3	40	0.4	64	12	244	2.50	3	<8	<2	<2	23	0.6	3	<3	85
R08-3	Rock	0.60	3.4	2	31	<3	25	0.4	28	7	253	1.56	3	<8	<2	<2	24	<0.5	<3	<3	57
R08-4	Rock	0.49	231.1	1	6833	70	173	29.6	10	36	1508	8.03	5	<8	<2	<2	53	1.8	5	4	278
R08-5	Rock	0.64	18.2	<1	722	<3	75	0.7	6	18	957	4.26	4	<8	<2	<2	84	1.2	4	<3	179
R08-6	Rock	0.71	0.6	2	61	3	10	<0.3	<1	2	108	0.65	<2	<8	<2	<2	3	<0.5	<3	<3	15
R08-7	Rock	0.58	188.8	68	379	6	10	4.4	1	1	69	1.82	3	<8	<2	<2	9	<0.5	<3	<3	28
R08-8	Rock	0.75	74.5	3	2863	<3	79	3.0	6	35	688	4.39	<2	<8	<2	<2	35	1.1	4	<3	164
R08-9	Rock	1.10	5.1	2	30	135	132	0.4	4	13	1265	3.16	<2	<8	<2	<2	84	1.4	<3	6	36
R08-10	Rock	0.78	194.9	3	120	>10000	5242	59.4	<1	3	150	1.45	<2	<8	<2	<2	46	29.2	3	<3	60
R08-11	Rock	0.63	228.5	2	200	239	62	2.6	2	7	350	1.94	3	<8	<2	<2	4	0.8	<3	17	20
R08-12	Rock	0.50	31.1	31	362	170	36	1.0	2	7	202	2.27	<2	<8	<2	<2	5	0.6	<3	<3	26
R08-13	Rock	1.14	247.2	5	9680	34	18	30.6	2	19	96	2.93	<2	<8	<2	<2	19	0.6	<3	<3	6
R08-14	Rock	0.62	1530	7	>10000	27	16	67.8	5	50	69	9.23	3	<8	7	<2	11	1.0	4	9	22
R08-15	Rock	0.49	19412	2	133	145	120	3.6	1	7	294	1.11	<2	<8	3	<2	14	1.5	<3	<3	13
R08-16	Rock	0.81	1188	35	122	130	59	2.9	4	14	416	3.53	2	<8	<2	4	15	0.6	<3	7	55



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Project: RON  
 Report Date: May 13, 2009

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN09001522.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	
MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	
R08-1	Rock	0.02	0.007	<1	10	0.06	57	<0.01	<20	0.08	<0.01	0.04	<2	0.87
R08-2	Rock	0.42	0.122	10	110	1.74	61	<0.01	<20	1.51	<0.01	0.10	<2	<0.05
R08-3	Rock	0.23	0.093	20	59	0.97	126	<0.01	<20	0.86	<0.01	0.07	3	<0.05
R08-4	Rock	0.79	0.286	13	8	2.59	68	0.03	<20	3.35	0.05	0.21	<2	<0.05
R08-5	Rock	1.49	0.190	6	5	1.68	84	0.09	<20	2.06	0.07	0.71	<2	<0.05
R08-6	Rock	0.05	0.018	3	7	0.03	11	<0.01	<20	0.12	<0.01	0.07	<2	<0.05
R08-7	Rock	0.04	0.017	1	12	0.09	16	<0.01	<20	0.15	0.01	0.04	<2	<0.05
R08-8	Rock	0.37	0.150	5	11	1.43	37	0.03	<20	1.72	0.14	0.18	<2	<0.05
R08-9	Rock	3.50	0.170	11	4	0.53	73	0.02	<20	0.99	<0.01	0.57	<2	<0.05
R08-10	Rock	0.03	0.013	3	11	0.02	544	<0.01	<20	0.08	<0.01	0.05	<2	0.50
R08-11	Rock	0.03	0.006	1	10	0.12	46	<0.01	<20	0.15	<0.01	0.03	<2	<0.05
R08-12	Rock	0.06	0.030	1	8	0.10	40	<0.01	<20	0.41	<0.01	0.10	3	<0.05
R08-13	Rock	0.04	0.005	<1	12	0.03	26	<0.01	<20	0.05	0.02	0.02	<2	0.76
R08-14	Rock	0.04	0.019	1	8	0.12	97	<0.01	<20	0.30	<0.01	0.09	<2	1.50
R08-15	Rock	0.18	0.082	4	6	0.26	43	<0.01	<20	0.45	0.03	0.18	<2	0.05
R08-16	Rock	0.06	0.034	5	7	0.50	216	<0.01	<20	0.69	0.07	0.09	<2	1.13



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**Page:** 1 of 1 **Part** 1

# QUALITY CONTROL REPORT

VAN09001522.1

Method	WGHT	3A	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.5	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	
Pulp Duplicates																					
REP G1	QC		22	9	<3	47	<0.3	7	4	575	1.99	3	8	<2	3	89	<0.5	5	<3	38	
R08-2	Rock	0.75	2.4	3	43	<3	40	0.4	64	12	244	2.50	3	<8	<2	<2	23	0.6	3	<3	85
REP R08-2	QC	1.0																			
Reference Materials																					
STD DS7	Standard		21	113	62	379	0.8	51	8	600	2.27	47	12	<2	3	64	5.8	6	<3	77	
STD DS7	Standard		22	109	68	405	0.9	55	9	654	2.49	48	9	<2	3	70	5.9	6	4	82	
STD OXE56	Standard	519.3																			
STD OXE56	Standard	546.4																			
STD DS7 Expected			21	109	71	411	0.9	56	10	627	2.39	48	5	0.07	4	68	6.4	5	5	84	
STD OXE56 Expected		545																			
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	
BLK	Blank	<0.5																			
Prep Wash																					
G1	Prep Blank	<0.01	<0.5																		
G1	Prep Blank	<0.01	0.9	33	4	<3	49	<0.3	5	4	555	1.96	2	<8	<2	2	63	<0.5	<3	<3	39
G1	Prep Blank		22	9	<3	47	<0.3	7	4	574	1.98	<2	<8	<2	3	91	0.7	4	<3	38	



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**Project:** RON

**Report Date:** May 13, 2009

**Page:** 1 of 1 **Part** 2

# QUALITY CONTROL REPORT

VAN09001522.1

Method		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
MDL		0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	
Pulp Duplicates														
REP G1	QC	0.60	0.074	8	9	0.59	302	0.14	<20	1.26	0.16	0.66	<2	<0.05
R08-2	Rock	0.42	0.122	10	110	1.74	61	<0.01	<20	1.51	<0.01	0.10	<2	<0.05
REP R08-2	QC													
Reference Materials														
STD DS7	Standard	0.85	0.068	10	188	0.99	410	0.11	33	0.96	0.08	0.46	3	0.18
STD DS7	Standard	0.93	0.072	11	208	1.06	443	0.12	38	1.04	0.09	0.50	<2	0.19
STD OXE56	Standard													
STD OXE56	Standard													
STD DS7 Expected		0.93	0.08	13	179	1.05	370	0.124	39	0.959	0.073	0.44	4	0.19
STD OXE56 Expected														
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2	<0.05
BLK	Blank													
Prep Wash														
G1	Prep Blank													
G1	Prep Blank	0.51	0.082	6	11	0.60	285	0.13	<20	1.05	0.10	0.60	<2	<0.05
G1	Prep Blank	0.61	0.075	8	9	0.59	303	0.14	<20	1.26	0.17	0.67	<2	<0.05

**Appendix 5**  
**SOIL SAMPLE ANALYSES**

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Submitted By:

Trygve Hoy

Receiving Lab:

Canada-Vancouver

Received:

November 10, 2008

Report Date:

November 20, 2008

Page:

1 of 9

## CERTIFICATE OF ANALYSIS

VAN08010846.1

### CLIENT JOB INFORMATION

Project: Ron G  
 Shipment ID:  
 P.O. Number  
 Number of Samples: 213

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
 DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Klondike Gold Corp.  
 711 - 675 W. Hastings St.  
 Vancouver BC V6B 1N2  
 Canada

CC: Alan Campbell

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	213	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	213	Dry at 60C		
RJSV	213	Saving all or part of Soil Reject		
1DX	213	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed

### ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.





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**Klondike Gold Corp.**

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Vancouver BC V6B 1N2 Canada

Project:

Ron G

Report Date:

November 20, 2008

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Part 1

# CERTIFICATE OF ANALYSIS

VAN08010846.1

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
L9100 2500	Soil	1.4	80.1	18.2	86	0.3	15.9	10.9	490	2.63	8.1	1.2	12.6	2.2	26	0.5	0.6	0.4	59	0.16	0.203		
L9100 2525	Soil	0.6	77.6	13.6	56	0.1	17.8	15.6	320	3.12	2.8	0.6	7.4	2.0	36	0.5	0.3	0.3	76	0.34	0.137		
L9100 2550	Soil	0.6	60.1	14.3	98	0.2	13.8	14.8	481	3.20	4.2	0.4	16.9	1.9	36	0.5	0.5	0.2	73	0.33	0.160		
L9100 2575	Soil	0.6	125.9	86.6	116	0.4	12.2	15.0	832	3.22	7.3	0.6	6.3	2.3	44	2.4	2.1	0.5	86	0.48	0.201		
L9100 2625	Soil	0.7	49.5	9.2	86	0.5	13.6	10.3	543	2.34	2.4	1.1	5.3	2.7	31	0.6	0.5	0.2	52	0.27	0.361		
L9100 2650	Soil	0.5	27.2	10.8	107	0.3	11.0	9.4	658	1.92	2.8	0.3	2.3	1.6	30	0.3	0.9	0.3	40	0.24	0.123		
L9100 2675	Soil	0.4	59.7	17.0	156	0.2	13.1	14.9	561	3.77	5.8	0.4	20.9	1.9	30	0.8	0.5	0.3	79	0.29	0.288		
L9100 2700	Soil	0.5	43.8	20.7	132	0.2	9.6	11.1	1866	2.75	7.7	0.4	7.9	1.9	40	1.0	0.6	0.4	67	0.31	0.229		
L9100 2725	Soil	0.7	54.4	19.2	155	0.5	12.0	11.2	1083	2.65	5.8	0.6	1.0	2.4	37	1.2	0.7	0.4	58	0.24	0.338		
L9100 2750	Soil	0.6	40.0	10.7	124	0.5	13.0	9.2	709	2.27	2.5	0.5	5.1	2.4	25	0.9	0.9	0.2	51	0.22	0.183		
L9100 2775	Soil	0.5	20.8	10.9	146	0.3	9.2	7.5	1268	1.90	3.4	0.4	76.3	1.6	21	0.8	0.5	0.3	39	0.17	0.278		
L9100 2800	Soil	0.4	106.3	6.7	113	0.6	12.8	14.1	449	3.20	1.7	0.6	17.3	2.2	31	0.3	0.2	0.2	79	0.29	0.131		
L9100 2825	Soil	0.5	81.0	24.6	123	0.5	11.8	10.9	1157	2.54	5.6	0.6	3.8	2.3	68	0.7	0.9	0.2	65	0.74	0.260		
L9100 2850	Soil	0.6	82.1	38.3	112	0.5	8.6	10.0	1343	2.30	4.2	0.5	5.3	1.6	33	0.9	0.9	0.3	61	0.32	0.217		
L9100 2875	Soil	0.6	59.5	9.5	110	0.6	13.1	9.4	761	2.22	3.4	0.6	1.0	2.0	25	0.8	1.1	0.2	52	0.22	0.244		
L9100 2900	Soil	0.7	242.4	10.1	137	1.4	16.2	14.7	511	2.93	3.5	0.7	2.6	2.1	22	0.5	0.3	0.2	79	0.20	0.240		
L9100 2925	Soil	0.7	106.3	5.9	93	0.9	10.9	12.0	472	2.40	1.7	1.1	4.8	3.7	26	0.3	0.1	0.1	67	0.21	0.190		
L9100 2950	Soil	0.3	118.1	4.0	94	0.4	11.0	16.0	487	3.47	1.1	0.6	1.9	2.4	36	0.2	0.2	<0.1	100	0.41	0.139		
L9100 2975	Soil	0.4	165.4	24.0	131	0.6	16.3	16.2	623	3.52	2.8	0.9	5.4	3.2	29	0.8	0.4	0.3	91	0.33	0.231		
L9100 3000	Soil	0.5	86.2	20.9	181	0.3	11.0	13.5	1387	3.35	2.8	0.5	5.2	2.3	23	1.3	0.7	0.2	81	0.23	0.165		
L9100 3025	Soil	0.5	157.3	24.6	143	0.3	13.6	14.5	1007	3.43	4.8	0.8	9.1	2.8	37	1.1	0.8	0.3	91	0.41	0.226		
L9100 3050	Soil	0.5	208.7	14.7	164	0.2	13.5	18.0	1085	3.89	2.7	0.9	3.9	3.3	32	0.7	0.6	0.3	108	0.39	0.231		
L9100 3075	Soil	0.6	113.1	16.5	247	0.2	15.6	12.8	1847	3.06	4.8	0.6	5.8	2.5	24	1.5	0.6	0.3	72	0.27	0.236		
L0000 2500	Soil	0.6	68.1	16.4	158	0.2	14.1	17.8	945	3.22	5.6	0.4	3.0	1.8	28	0.7	0.8	0.2	91	0.29	0.229		
L0000 2525	Soil	0.7	132.0	19.8	129	0.2	19.1	21.1	680	4.01	6.4	0.7	1.9	2.2	34	0.6	0.8	0.2	121	0.39	0.223		
L0000 2550	Soil	0.6	173.6	7.2	96	0.1	25.2	24.6	771	4.18	3.2	1.2	3.3	2.4	38	0.4	0.5	0.1	139	0.49	0.212		
L0000 2575	Soil	0.3	153.4	6.4	87	0.2	23.4	22.8	670	4.35	1.9	2.0	2.6	2.5	47	0.2	0.4	0.1	139	0.49	0.141		
L0000 2600	Soil	0.5	88.7	13.3	105	0.2	29.0	18.4	482	3.45	4.6	1.0	1.8	2.4	37	0.5	0.4	0.2	87	0.39	0.370		
L0000 2625	Soil	0.8	116.5	17.5	110	0.6	15.9	11.4	615	2.76	6.4	1.0	23.1	2.8	33	1.0	1.4	0.4	58	0.35	0.327		
L0000 2650	Soil	0.6	93.6	21.8	125	0.3	19.5	9.9	1729	2.28	6.7	0.5	0.9	1.8	40	1.1	0.7	0.4	50	0.31	0.277		



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Part 2

# CERTIFICATE OF ANALYSIS

VAN08010846.1

Method	Analyte	Unit	MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX			
				La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se
				ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
				1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	
L9100 2500	Soil			4	25	0.45	133	0.106	<20	2.01	0.012	0.10	0.8	0.04	1.8	<0.1	<0.05	7	<0.5
L9100 2525	Soil			7	31	0.77	89	0.094	<20	1.37	0.010	0.19	4.4	<0.01	2.0	<0.1	<0.05	5	<0.5
L9100 2550	Soil			6	27	0.68	102	0.093	<20	1.41	0.009	0.15	1.5	0.01	2.1	<0.1	<0.05	5	<0.5
L9100 2575	Soil			9	25	0.81	98	0.098	<20	1.52	0.010	0.27	2.0	0.03	2.4	0.1	<0.05	5	<0.5
L9100 2625	Soil			10	20	0.44	142	0.106	<20	2.40	0.014	0.12	2.2	0.05	2.9	0.1	<0.05	6	<0.5
L9100 2650	Soil			4	15	0.32	123	0.086	<20	1.40	0.015	0.08	0.6	0.02	1.5	<0.1	<0.05	6	<0.5
L9100 2675	Soil			6	23	0.59	183	0.098	<20	1.75	0.010	0.17	2.4	0.03	2.2	<0.1	<0.05	7	<0.5
L9100 2700	Soil			6	17	0.44	158	0.093	<20	1.56	0.017	0.17	4.8	0.02	1.9	0.1	<0.05	6	<0.5
L9100 2725	Soil			6	14	0.47	206	0.115	<20	2.47	0.012	0.12	1.4	0.05	2.2	0.1	<0.05	7	<0.5
L9100 2750	Soil			5	12	0.40	124	0.114	<20	2.42	0.013	0.10	6.5	0.03	1.8	0.1	<0.05	7	<0.5
L9100 2775	Soil			5	10	0.27	250	0.090	<20	1.61	0.013	0.09	0.9	0.03	1.7	0.1	<0.05	6	<0.5
L9100 2800	Soil			7	17	0.72	132	0.105	<20	1.74	0.010	0.17	0.6	0.02	2.2	0.1	<0.05	7	<0.5
L9100 2825	Soil			6	14	0.54	206	0.103	<20	2.00	0.035	0.21	0.7	0.03	2.1	<0.1	<0.05	6	<0.5
L9100 2850	Soil			6	12	0.49	149	0.101	<20	1.71	0.012	0.19	0.5	0.04	1.9	0.1	<0.05	7	<0.5
L9100 2875	Soil			5	13	0.40	132	0.108	<20	2.34	0.014	0.11	0.5	0.03	2.0	<0.1	<0.05	7	<0.5
L9100 2900	Soil			6	19	0.69	123	0.134	<20	2.90	0.012	0.19	0.5	0.05	2.3	0.1	<0.05	9	<0.5
L9100 2925	Soil			10	14	0.55	83	0.122	<20	2.60	0.018	0.20	0.4	0.05	3.6	0.1	<0.05	7	<0.5
L9100 2950	Soil			8	18	1.00	86	0.114	<20	1.64	0.007	0.38	0.2	<0.01	2.9	0.1	<0.05	6	<0.5
L9100 2975	Soil			10	25	0.94	124	0.129	<20	2.49	0.012	0.23	0.5	0.03	3.2	0.2	<0.05	9	<0.5
L9100 3000	Soil			6	17	0.63	166	0.105	<20	1.80	0.010	0.15	1.0	0.03	2.3	0.1	<0.05	7	<0.5
L9100 3025	Soil			8	18	0.79	158	0.121	<20	2.45	0.011	0.21	0.4	0.03	2.6	0.1	<0.05	8	<0.5
L9100 3050	Soil			8	21	1.09	157	0.153	<20	2.93	0.008	0.28	0.5	0.03	3.1	0.1	<0.05	10	<0.5
L9100 3075	Soil			7	16	0.70	162	0.100	<20	2.07	0.008	0.19	0.9	0.02	2.3	0.1	<0.05	8	<0.5
L0000 2500	Soil			4	24	0.94	165	0.145	<20	2.06	0.011	0.27	0.5	0.02	2.4	0.1	<0.05	7	<0.5
L0000 2525	Soil			6	34	1.28	137	0.180	<20	2.91	0.012	0.33	0.7	0.03	3.1	0.2	<0.05	10	<0.5
L0000 2550	Soil			6	58	1.57	102	0.168	<20	2.79	0.010	0.38	0.6	0.02	4.0	0.1	<0.05	10	<0.5
L0000 2575	Soil			10	59	1.42	187	0.177	<20	2.74	0.009	0.61	0.5	0.02	4.7	0.2	<0.05	9	<0.5
L0000 2600	Soil			5	58	1.02	164	0.155	<20	2.94	0.011	0.21	0.4	0.02	3.8	0.1	<0.05	9	<0.5
L0000 2625	Soil			7	23	0.54	115	0.148	<20	3.71	0.016	0.13	1.3	0.05	2.8	0.1	<0.05	10	0.5
L0000 2650	Soil			7	26	0.49	229	0.090	<20	2.28	0.014	0.11	0.7	0.03	2.3	0.1	<0.05	8	<0.5



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Part 1

**CERTIFICATE OF ANALYSIS**

**VAN08010846.1**

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
L0000 2675	Soil			0.5	37.9	19.3	98	0.4	12.4	8.3	1144	1.98	5.5	0.4	1.7	1.7	18	0.9	1.5	0.3	44	0.12	0.236
L0000 2700	Soil			0.7	172.5	27.2	145	0.4	14.8	14.9	1166	3.10	5.6	0.5	26.4	2.2	24	1.2	1.6	0.4	80	0.23	0.244
L0000 2725	Soil			0.4	60.3	22.7	165	0.2	10.0	11.0	1546	2.40	7.5	0.4	1.6	2.1	32	0.9	0.6	0.4	60	0.27	0.276
L0000 2750	Soil			0.4	142.7	19.8	191	0.2	8.8	25.9	2082	5.40	13.6	0.6	5.4	2.5	38	1.0	1.4	0.3	194	0.56	0.234
L0000 2775	Soil			0.4	179.3	15.9	159	0.3	11.4	24.5	1523	4.45	8.2	0.8	1.8	3.7	40	0.5	0.9	0.2	162	0.52	0.270
L0000 2800	Soil			0.5	158.0	13.0	142	0.2	14.9	21.7	970	4.07	6.1	0.5	1.7	2.7	35	0.6	1.0	0.3	136	0.36	0.186
L0000 2825	Soil			0.3	421.3	17.3	181	0.1	14.5	29.0	1340	4.58	4.1	0.6	2.7	2.4	35	0.4	0.4	0.2	160	0.43	0.180
L0000 2850	Soil			0.6	165.2	9.2	110	0.3	17.0	20.0	815	3.45	4.1	1.0	<0.5	2.8	22	0.3	1.0	0.2	128	0.33	0.277
L0000 2875	Soil			0.3	188.9	6.4	136	0.1	18.6	30.1	1308	4.96	6.4	0.5	4.1	2.0	25	0.6	1.0	0.1	188	0.38	0.194
L0000 2900	Soil			0.3	165.1	7.2	142	0.1	20.7	27.4	1093	4.45	4.4	0.6	32.9	2.1	27	0.2	0.5	0.1	161	0.39	0.160
L9000 2550	Soil			0.5	27.8	10.3	85	0.5	6.4	8.4	689	2.18	4.9	0.4	1.8	1.4	23	0.5	0.4	0.3	50	0.16	0.224
L9000 2575	Soil			0.4	54.7	13.6	121	0.3	11.1	12.1	765	2.58	3.7	0.4	267.8	1.8	20	0.6	0.7	0.3	62	0.17	0.123
L9000 2600	Soil			0.3	54.2	9.6	93	0.3	12.4	11.1	369	2.81	3.8	0.6	1.7	2.3	23	0.5	0.7	0.2	64	0.25	0.253
L9000 2625	Soil			0.3	42.0	11.5	128	0.2	10.7	13.6	365	3.11	3.4	0.3	2.7	2.0	21	0.5	0.6	0.2	74	0.22	0.266
L9000 2650	Soil			0.4	82.5	8.2	83	0.4	13.8	10.9	330	2.39	2.8	0.7	8.5	3.9	15	0.3	0.5	0.2	56	0.18	0.129
L9000 2675	Soil			0.4	137.7	12.6	81	0.2	17.4	13.7	403	2.90	2.9	1.0	14.2	3.2	27	0.5	0.5	0.2	78	0.33	0.120
L9000 2700	Soil			0.3	128.0	9.0	57	0.1	11.8	11.4	305	2.68	1.6	0.5	6.2	1.6	24	0.3	0.3	0.1	69	0.28	0.085
L9000 2725	Soil			0.6	150.5	15.8	109	0.5	18.8	12.1	539	2.77	2.6	1.0	23.8	2.6	23	0.6	0.6	0.3	64	0.19	0.192
L9000 2750	Soil			0.4	39.2	9.6	148	0.3	13.8	9.8	365	2.30	2.7	0.4	2.4	2.1	19	0.6	0.7	0.3	49	0.21	0.229
L9000 2775	Soil			0.6	43.3	10.4	156	0.6	10.8	10.5	784	2.24	1.7	0.4	2.2	3.0	19	0.8	0.4	0.3	47	0.18	0.236
L9000 2850	Soil			0.6	57.9	14.1	157	0.4	10.1	9.3	583	2.15	2.8	0.5	4.0	2.2	20	0.7	0.7	0.3	49	0.22	0.234
L9000 2875	Soil			0.6	143.6	18.9	123	0.3	9.5	12.0	969	2.65	4.0	0.7	1.8	2.3	21	0.6	0.4	0.3	70	0.29	0.271
L9000 2900	Soil			0.7	31.2	17.3	214	0.6	10.6	6.8	1022	1.77	7.5	0.5	0.9	1.8	23	2.0	1.0	0.3	38	0.24	0.309
L9000 2925	Soil			0.6	82.5	21.4	141	0.4	9.0	9.5	933	2.19	4.7	0.7	3.3	2.3	27	0.9	1.5	0.3	55	0.23	0.203
L9000 2950	Soil			0.6	357.3	14.0	145	0.3	6.9	16.8	1218	3.41	2.5	1.3	4.4	3.6	42	0.6	0.2	0.2	104	0.63	0.252
L9000 2975	Soil			0.5	214.9	14.8	230	0.4	9.4	16.6	1200	3.49	2.2	0.5	1.2	2.6	30	0.5	0.4	0.2	96	0.34	0.219
L9000 3000	Soil			0.4	95.1	13.7	131	0.5	13.7	11.0	727	2.30	2.6	0.6	2.0	2.2	35	0.6	0.4	0.2	53	0.29	0.196
L9000 3025	Soil			0.4	132.6	11.0	118	0.2	12.6	15.2	1046	3.01	2.6	0.8	1.8	2.7	21	0.4	0.4	0.2	79	0.28	0.174
L9000 3050	Soil			0.5	227.0	24.3	180	0.4	17.7	15.8	1184	3.09	3.0	1.1	4.0	3.6	33	0.8	0.5	0.3	80	0.34	0.199
L9000 3075	Soil			0.6	80.9	12.1	162	0.4	14.1	11.9	1709	2.45	1.8	0.6	2.5	1.9	35	0.9	0.3	0.2	58	0.28	0.290

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Project:

Ron G

Report Date:

November 20, 2008

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Part 2

CERTIFICATE OF ANALYSIS

VAN08010846.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	
L0000 2675	Soil	4	20	0.38	134	0.092	<20	1.96	0.012	0.06	0.4	0.03	1.6	0.1	<0.05	7	<0.5
L0000 2700	Soil	5	24	0.76	151	0.114	<20	2.53	0.009	0.10	0.6	0.04	2.4	0.2	<0.05	9	<0.5
L0000 2725	Soil	5	15	0.60	235	0.104	<20	1.94	0.012	0.13	0.4	0.03	1.8	0.1	<0.05	8	<0.5
L0000 2750	Soil	8	9	1.82	125	0.257	<20	3.28	0.008	0.64	0.9	0.04	3.2	0.3	<0.05	15	<0.5
L0000 2775	Soil	9	12	1.64	159	0.246	<20	3.82	0.013	0.71	0.4	0.03	3.1	0.3	<0.05	13	<0.5
L0000 2800	Soil	7	23	1.30	148	0.172	<20	2.91	0.008	0.28	0.9	0.02	2.8	0.2	<0.05	11	<0.5
L0000 2825	Soil	7	22	1.94	146	0.217	<20	2.89	0.007	0.52	0.5	0.02	3.5	0.2	<0.05	12	<0.5
L0000 2850	Soil	6	22	1.20	148	0.200	<20	3.86	0.012	0.32	0.7	0.03	4.1	0.2	<0.05	11	<0.5
L0000 2875	Soil	6	34	1.78	124	0.242	<20	2.99	0.010	0.74	0.8	0.02	3.9	0.2	<0.05	11	<0.5
L0000 2900	Soil	6	37	1.74	137	0.225	<20	2.91	0.008	0.44	0.5	0.02	4.1	0.1	<0.05	11	<0.5
L9000 2550	Soil	5	15	0.27	175	0.079	<20	1.43	0.009	0.05	0.5	0.04	1.8	<0.1	<0.05	6	<0.5
L9000 2575	Soil	5	19	0.48	115	0.098	<20	1.53	0.008	0.12	0.5	0.03	1.6	<0.1	<0.05	7	<0.5
L9000 2600	Soil	5	17	0.49	115	0.115	<20	2.35	0.011	0.15	0.5	0.04	2.4	0.1	<0.05	8	<0.5
L9000 2625	Soil	3	16	0.56	141	0.113	<20	1.75	0.009	0.14	0.3	0.02	2.0	<0.1	<0.05	7	<0.5
L9000 2650	Soil	6	22	0.45	104	0.080	<20	1.45	0.008	0.09	0.5	0.05	2.2	<0.1	<0.05	5	<0.5
L9000 2675	Soil	10	30	0.76	90	0.107	<20	1.68	0.011	0.23	1.0	0.02	2.8	0.1	<0.05	6	<0.5
L9000 2700	Soil	6	25	0.67	54	0.081	<20	1.20	0.013	0.16	0.7	0.01	2.1	<0.1	<0.05	5	<0.5
L9000 2725	Soil	9	25	0.54	131	0.119	<20	2.75	0.012	0.14	1.0	0.03	2.9	0.1	<0.05	8	<0.5
L9000 2750	Soil	4	15	0.44	139	0.099	<20	1.79	0.012	0.11	2.7	0.03	1.8	0.1	<0.05	6	<0.5
L9000 2775	Soil	5	14	0.39	147	0.096	<20	1.80	0.012	0.11	1.4	0.03	1.9	<0.1	<0.05	6	0.8
L9000 2850	Soil	5	11	0.39	140	0.110	<20	2.22	0.011	0.10	1.5	0.03	1.7	0.1	<0.05	7	<0.5
L9000 2875	Soil	7	15	0.61	141	0.104	<20	1.92	0.008	0.16	1.0	0.03	2.0	0.1	<0.05	6	<0.5
L9000 2900	Soil	4	10	0.25	190	0.104	<20	2.20	0.015	0.08	0.4	0.05	1.5	0.1	<0.05	6	0.7
L9000 2925	Soil	5	10	0.40	157	0.117	<20	2.49	0.012	0.12	0.5	0.04	1.8	0.1	<0.05	7	<0.5
L9000 2950	Soil	13	10	1.00	127	0.101	<20	1.85	0.007	0.43	0.4	0.02	2.6	0.1	<0.05	7	<0.5
L9000 2975	Soil	7	12	0.86	196	0.129	<20	2.02	0.008	0.29	0.2	0.03	2.1	0.1	<0.05	8	0.5
L9000 3000	Soil	6	16	0.51	184	0.109	<20	2.12	0.013	0.14	0.3	0.03	2.1	0.1	<0.05	7	0.5
L9000 3025	Soil	7	24	0.75	92	0.106	<20	1.89	0.010	0.17	0.9	0.03	2.2	0.1	<0.05	7	<0.5
L9000 3050	Soil	12	51	0.97	218	0.152	<20	2.37	0.011	0.39	0.4	0.03	3.0	0.2	<0.05	8	0.7
L9000 3075	Soil	7	18	0.59	251	0.122	<20	2.25	0.012	0.18	0.3	0.03	2.1	0.2	<0.05	7	0.5

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Part 1

# CERTIFICATE OF ANALYSIS

VAN08010846.1

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
L9000 3100	Soil	0.6	72.4	14.6	152	0.3	15.0	10.6	1481	2.55	3.1	0.6	0.8	2.3	27	1.0	0.4	0.3	60	0.27	0.242		
L9900 2550	Soil	0.3	150.2	12.4	105	<0.1	18.8	20.6	758	3.66	5.8	0.5	34.2	2.0	30	0.4	0.6	0.1	127	0.41	0.165		
L9900 2575	Soil	0.4	168.3	10.7	158	0.2	16.3	22.5	1037	4.15	3.2	0.5	3.5	2.1	35	0.4	0.5	0.2	133	0.54	0.290		
L9900 2600	Soil	0.5	181.9	7.8	132	0.3	17.2	22.6	738	4.52	2.8	1.1	4.5	2.8	30	0.2	0.5	0.2	150	0.52	0.291		
L9900 2625	Soil	0.4	199.5	6.9	101	0.2	22.9	22.8	673	4.19	2.5	0.7	2.8	2.2	27	0.2	0.3	0.2	135	0.37	0.210		
L9900 2650	Soil	0.4	192.1	9.9	126	0.3	25.7	24.6	830	4.12	2.7	0.8	3.6	2.4	35	0.5	0.5	0.2	140	0.47	0.264		
L9900 2675	Soil	0.4	116.8	9.8	150	0.3	24.5	18.3	572	3.36	3.0	0.5	1.8	1.9	31	0.7	0.6	0.2	92	0.37	0.256		
L9900 2700	Soil	0.6	173.4	9.6	134	0.2	30.6	15.4	883	3.05	3.5	0.6	2.8	2.2	20	0.5	0.5	0.2	73	0.21	0.270		
L9900 2725	Soil	0.5	114.9	30.1	125	0.3	13.6	11.9	1247	2.69	5.4	0.6	1.5	2.0	27	0.7	1.1	0.4	72	0.29	0.253		
L9900 2750	Soil	1.2	529.0	21.8	175	0.4	13.2	11.8	1640	2.89	13.8	0.8	8.2	2.3	22	1.2	1.5	0.7	72	0.23	0.274		
L9900 2775	Soil	0.6	139.1	14.4	173	0.5	10.5	15.8	1471	3.59	4.0	0.6	2.6	2.7	21	0.5	1.7	0.4	116	0.30	0.236		
L9900 2800	Soil	0.4	157.8	30.2	205	0.2	9.4	22.4	1778	4.26	7.4	0.4	2.5	2.4	35	0.7	0.8	0.4	142	0.46	0.315		
L9900 2825	Soil	0.6	20.2	20.8	115	0.3	8.2	6.4	1663	1.72	10.2	0.3	0.7	1.2	17	1.6	1.2	0.3	37	0.12	0.234		
L9900 2850	Soil	0.8	59.7	14.4	153	0.2	9.8	10.5	1542	2.45	9.8	0.5	1.4	1.8	30	0.7	1.0	0.2	65	0.29	0.515		
L9900 2875	Soil	0.6	58.1	14.9	167	0.3	13.5	12.2	1884	2.81	7.2	0.4	2.7	1.5	31	0.9	0.6	0.3	78	0.36	0.259		
L9900 2900	Soil	0.3	107.3	7.7	170	0.2	15.8	21.4	1497	4.10	4.4	0.4	<0.5	1.6	23	0.3	0.6	0.1	130	0.41	0.249		
L9900 2925	Soil	0.4	52.3	6.9	145	0.1	12.4	18.8	1878	3.35	4.8	0.3	<0.5	1.4	20	0.2	0.6	0.2	105	0.26	0.160		
L9500 2500	Soil	0.5	27.3	8.5	97	0.3	8.3	6.6	1156	1.71	2.3	0.5	5.5	1.6	31	0.7	0.8	0.2	33	0.27	0.445		
L9500 2525	Soil	0.6	47.7	7.0	87	1.4	7.3	6.2	475	1.63	1.6	0.9	34.1	1.8	23	1.1	0.5	0.2	38	0.22	0.219		
L9500 2550	Soil	0.5	66.9	11.0	174	0.4	11.9	11.8	1182	2.59	2.7	0.3	2.9	1.7	26	1.1	0.6	0.3	61	0.24	0.241		
L9500 2575	Soil	0.5	16.4	8.5	113	0.3	7.9	4.4	755	1.52	2.9	0.6	0.7	1.9	24	0.5	1.4	0.2	24	0.22	0.436		
L9500 2600	Soil	0.4	64.7	8.8	104	0.4	12.7	9.9	657	2.27	2.8	0.8	8.8	2.2	29	0.5	0.9	0.2	56	0.27	0.420		
L9500 2625	Soil	0.5	165.8	7.8	73	0.1	14.8	18.7	652	6.17	4.7	1.3	25.3	3.0	54	0.2	0.5	0.2	157	0.95	0.397		
L9500 2650	Soil	0.4	170.9	8.4	93	0.3	19.4	16.5	631	3.32	2.3	1.1	4.3	2.3	30	0.2	0.5	0.2	92	0.32	0.180		
L9500 2675	Soil	0.4	85.0	10.3	80	0.2	21.7	15.8	905	3.32	2.7	1.1	2.1	1.9	35	0.2	0.4	0.2	90	0.32	0.182		
L9500 2700	Soil	0.6	140.0	10.5	75	0.1	25.1	15.1	738	3.42	2.4	1.1	9.6	3.2	77	0.2	<0.1	0.2	98	0.76	0.221		
L9500 2725	Soil	0.6	129.1	10.0	67	<0.1	23.8	15.1	706	3.27	2.3	0.8	16.5	3.1	75	0.2	<0.1	0.1	97	0.69	0.239		
L9500 2750	Soil	0.5	245.1	9.0	109	1.2	23.5	21.6	764	4.55	2.8	2.9	8.1	3.6	50	0.3	0.3	0.2	150	0.48	0.220		
L9500 2775	Soil	0.6	70.3	9.1	149	0.4	12.4	13.8	1572	3.01	2.9	0.5	4.6	1.8	28	0.6	0.5	0.1	82	0.31	0.256		
L9500 2800	Soil	0.7	72.4	8.3	197	0.4	12.5	12.1	1386	2.75	2.9	0.5	2.8	1.7	25	1.2	0.4	0.2	66	0.24	0.212		



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Part 2

**CERTIFICATE OF ANALYSIS**

**VAN08010846.1**

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	
L9000 3100	Soil	6	22	0.57	224	0.131	<20	2.67	0.011	0.16	0.4	0.03	2.3	0.1	<0.05	7	0.7
L9900 2550	Soil	6	35	1.39	121	0.186	<20	2.30	0.008	0.79	0.6	<0.01	2.8	0.2	<0.05	8	<0.5
L9900 2575	Soil	6	25	1.42	190	0.207	<20	2.84	0.009	0.50	1.6	0.02	2.7	0.2	<0.05	10	0.8
L9900 2600	Soil	10	27	1.44	90	0.239	<20	3.84	0.010	0.50	2.8	0.03	3.4	0.2	<0.05	12	<0.5
L9900 2625	Soil	6	45	1.39	140	0.193	<20	3.03	0.011	0.37	0.5	0.02	4.2	0.2	<0.05	10	0.6
L9900 2650	Soil	8	63	1.55	192	0.204	<20	3.37	0.011	0.40	0.6	0.03	4.5	0.2	<0.05	11	<0.5
L9900 2675	Soil	5	43	1.10	209	0.138	<20	2.24	0.011	0.23	0.5	0.02	3.3	<0.1	<0.05	8	<0.5
L9900 2700	Soil	5	65	0.91	154	0.104	<20	2.63	0.011	0.13	0.6	0.03	2.5	0.1	<0.05	8	<0.5
L9900 2725	Soil	5	16	0.68	199	0.130	<20	2.50	0.011	0.20	1.0	0.03	2.0	0.2	<0.05	8	<0.5
L9900 2750	Soil	6	22	0.54	165	0.138	<20	2.74	0.018	0.12	1.7	0.04	2.3	0.2	<0.05	9	0.7
L9900 2775	Soil	6	11	1.03	172	0.218	<20	3.19	0.014	0.28	0.9	0.05	2.6	0.2	<0.05	11	<0.5
L9900 2800	Soil	7	9	1.30	220	0.224	<20	2.92	0.009	0.53	1.0	0.02	3.2	0.2	<0.05	11	0.5
L9900 2825	Soil	3	12	0.23	166	0.114	<20	1.93	0.012	0.08	1.2	0.04	1.4	0.1	0.06	6	<0.5
L9900 2850	Soil	4	9	0.59	218	0.134	<20	3.36	0.013	0.20	0.8	0.04	1.9	<0.1	<0.05	8	<0.5
L9900 2875	Soil	5	16	0.70	258	0.127	<20	2.14	0.013	0.21	0.8	0.04	1.8	0.2	<0.05	8	<0.5
L9900 2900	Soil	6	23	1.32	123	0.171	<20	2.65	0.010	0.30	0.3	0.03	2.4	0.1	<0.05	10	<0.5
L9900 2925	Soil	4	19	1.02	146	0.157	<20	2.24	0.011	0.12	0.2	0.02	1.8	0.1	<0.05	9	<0.5
L9500 2500	Soil	5	10	0.27	199	0.092	<20	2.22	0.017	0.10	1.0	0.04	1.7	<0.1	<0.05	6	<0.5
L9500 2525	Soil	10	8	0.25	71	0.106	<20	2.69	0.028	0.11	2.1	0.05	2.6	0.1	<0.05	7	<0.5
L9500 2550	Soil	5	16	0.61	229	0.098	<20	2.02	0.011	0.14	3.3	0.04	1.7	0.1	<0.05	7	<0.5
L9500 2575	Soil	5	8	0.13	161	0.106	<20	2.86	0.016	0.06	2.0	0.05	1.6	0.1	<0.05	7	<0.5
L9500 2600	Soil	6	13	0.56	163	0.127	<20	3.21	0.015	0.14	1.0	0.04	2.0	0.1	<0.05	8	<0.5
L9500 2625	Soil	16	39	1.06	67	0.097	<20	1.53	0.011	0.43	1.0	0.01	2.8	<0.1	<0.05	6	<0.5
L9500 2650	Soil	10	27	0.94	111	0.132	<20	2.54	0.014	0.24	0.5	0.03	3.1	0.1	<0.05	9	<0.5
L9500 2675	Soil	8	35	0.83	177	0.135	<20	2.56	0.016	0.24	0.5	0.01	2.8	0.1	<0.05	9	<0.5
L9500 2700	Soil	17	46	1.24	122	0.121	<20	1.71	0.015	0.36	0.9	<0.01	3.3	0.1	<0.05	7	<0.5
L9500 2725	Soil	19	48	1.25	120	0.119	<20	1.69	0.016	0.42	0.8	<0.01	3.5	0.1	<0.05	7	<0.5
L9500 2750	Soil	11	37	1.39	139	0.200	<20	4.56	0.026	0.44	0.7	0.04	4.7	0.2	<0.05	12	<0.5
L9500 2775	Soil	6	18	0.74	185	0.115	<20	1.83	0.010	0.19	0.5	0.04	2.3	0.2	<0.05	7	<0.5
L9500 2800	Soil	6	14	0.66	209	0.123	<20	1.89	0.012	0.24	0.5	0.04	1.7	0.1	<0.05	7	<0.5

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# CERTIFICATE OF ANALYSIS

VAN08010846.1

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
L9500 2825	Soil	0.7	76.2	10.8	198	0.2	13.3	15.9	1293	3.45	4.9	0.4	4.9	1.6	28	0.8	0.5	0.2	90	0.28	0.176		
L9500 2850	Soil	1.7	66.2	17.8	151	0.4	13.0	11.7	1096	2.73	6.6	0.7	2.6	2.2	25	0.6	1.3	0.3	61	0.25	0.400		
L9500 2875	Soil	0.8	33.8	14.0	166	0.3	12.7	9.2	1202	2.38	6.3	0.5	1.5	1.7	47	0.6	0.7	0.3	45	0.29	0.455		
L9500 2900	Soil	2.0	215.7	13.8	55	0.7	25.2	16.0	431	3.51	2.2	1.3	14.2	2.2	29	0.4	1.1	0.4	93	0.27	0.110		
L9500 2925	Soil	0.5	302.2	14.8	122	0.4	17.9	17.3	766	4.10	5.0	1.8	8.9	3.3	25	0.2	0.6	0.4	127	0.33	0.260		
L9500 2950	Soil	0.7	148.4	14.6	120	0.2	11.3	13.0	1254	3.30	3.2	0.9	1.4	3.2	22	0.4	0.6	0.4	92	0.27	0.268		
L9500 2975	Soil	0.6	78.6	17.4	146	0.4	9.1	9.6	1626	2.55	3.6	0.4	<0.5	2.0	15	0.6	0.8	0.4	55	0.16	0.230		
L9500 3000	Soil	0.4	302.6	16.6	220	0.3	9.3	27.3	1985	5.39	3.8	0.7	39.0	2.5	38	0.3	0.7	0.3	214	0.62	0.252		
L9500 3025	Soil	1.0	410.0	20.4	146	0.8	12.8	14.3	860	3.60	4.8	0.7	120.6	2.6	18	0.5	0.7	0.3	101	0.23	0.171		
L9600 2525	Soil	0.5	35.0	15.2	112	0.5	8.5	7.7	683	1.90	4.6	0.3	911.4	1.6	27	0.8	1.0	0.3	40	0.28	0.334		
L9600 2550	Soil	0.6	75.1	27.0	152	0.2	13.1	14.9	1399	3.35	6.0	0.3	64.1	1.5	36	0.7	0.9	0.4	94	0.42	0.176		
L9600 2575	Soil	0.4	189.6	9.6	110	0.1	15.3	23.2	1041	4.43	2.9	0.6	11.0	1.9	37	0.3	0.4	0.2	145	0.54	0.206		
L9600 2600	Soil	0.6	193.3	30.4	131	0.1	16.3	26.2	1219	5.84	9.4	1.1	13.1	2.9	58	1.0	0.8	0.2	199	1.21	0.476		
L9600 2625	Soil	0.4	243.5	11.3	125	0.1	23.8	29.8	1055	5.38	6.5	0.6	2.5	1.8	51	0.3	0.5	0.1	206	0.67	0.260		
L9600 2650	Soil	1.0	86.7	8.5	166	0.2	17.9	18.9	1233	3.49	4.2	0.6	3.6	2.0	29	0.4	0.7	0.2	99	0.30	0.325		
L9600 2675	Soil	0.7	143.1	9.9	79	1.0	17.9	14.8	608	3.48	3.6	5.3	10.8	3.8	42	0.4	0.4	0.2	107	0.33	0.110		
L9600 2700	Soil	0.8	127.2	31.2	101	0.2	14.8	22.5	665	4.54	6.0	0.6	1.7	1.4	39	0.7	0.8	0.2	159	0.32	0.143		
L9600 2725	Soil	1.0	86.7	10.5	136	0.2	14.3	18.0	1328	3.63	2.0	0.5	1.2	1.6	30	0.7	0.6	0.1	104	0.36	0.133		
L9600 2775	Soil	0.4	48.1	15.2	277	0.3	14.6	12.5	1050	2.72	3.0	0.4	1466	1.5	25	2.3	0.4	0.2	65	0.28	0.150		
L9600 2800	Soil	0.4	100.8	11.4	132	0.2	14.0	16.2	1086	3.54	6.4	0.6	132.1	2.0	31	0.7	0.9	0.2	101	0.43	0.338		
L9600 2825	Soil	0.4	38.1	9.3	140	0.3	12.5	9.1	386	2.35	2.6	0.4	1.2	2.0	27	0.5	0.5	0.2	51	0.32	0.318		
L9600 2850	Soil	1.0	77.2	15.4	114	0.4	20.8	11.3	524	2.76	5.1	0.6	5.7	2.5	27	0.4	0.9	0.3	69	0.28	0.163		
L9600 2875	Soil	0.5	149.1	13.5	109	0.2	26.1	16.9	571	3.96	7.3	0.5	2.4	2.3	22	0.4	0.8	0.3	117	0.29	0.141		
L9600 2925	Soil	0.6	214.2	25.7	165	0.2	12.4	17.1	1807	3.76	8.2	0.8	2.4	2.5	35	0.8	0.8	0.3	109	0.41	0.192		
L9600 2950	Soil	0.7	168.0	53.3	267	0.2	12.3	16.4	2151	3.79	15.3	0.5	<0.5	2.5	33	1.8	1.4	0.5	106	0.37	0.280		
L9600 2975	Soil	0.5	172.8	15.5	314	0.3	10.4	15.6	1248	3.61	5.4	0.4	8.4	1.9	31	1.2	0.4	0.4	99	0.36	0.152		
L9600 3000	Soil	0.5	121.5	21.1	222	0.4	10.3	11.2	1606	2.77	3.8	0.6	2.6	1.9	29	1.1	0.7	0.3	68	0.31	0.269		
L9300 2500	Soil	0.5	59.4	8.9	89	0.2	12.0	10.4	527	2.41	3.5	0.6	5.5	1.9	30	0.4	0.5	0.2	54	0.31	0.370		
L9300 2525	Soil	0.9	26.5	9.4	96	0.3	8.5	8.8	442	2.50	3.9	0.5	3.4	2.2	35	0.5	0.4	0.2	45	0.22	0.601		
L9300 2550	Soil	2.2	45.2	18.3	108	0.3	13.6	13.5	527	3.09	7.2	0.5	65.4	1.8	24	0.8	1.5	0.3	71	0.21	0.151		



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**Klondike Gold Corp.**

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Project:

Ron G

Report Date:

November 20, 2008

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Part 2

**CERTIFICATE OF ANALYSIS**

**VAN08010846.1**

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	TI	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	
L9500 2825	Soil	6	18	0.88	161	0.134	<20	2.09	0.011	0.20	0.7	0.03	1.8	0.2	<0.05	9	<0.5
L9500 2850	Soil	5	16	0.58	166	0.124	<20	2.73	0.015	0.17	0.6	0.03	2.1	0.1	<0.05	8	<0.5
L9500 2875	Soil	6	18	0.40	271	0.101	<20	2.24	0.015	0.12	0.4	0.05	1.9	0.1	<0.05	8	<0.5
L9500 2900	Soil	8	60	0.75	55	0.116	<20	3.03	0.021	0.09	1.0	0.04	2.7	<0.1	<0.05	10	<0.5
L9500 2925	Soil	10	24	1.15	81	0.129	<20	3.63	0.012	0.23	1.1	0.03	3.2	0.2	<0.05	11	<0.5
L9500 2950	Soil	8	13	0.75	149	0.127	<20	3.08	0.013	0.21	0.9	0.04	2.4	0.2	<0.05	9	<0.5
L9500 2975	Soil	5	11	0.46	198	0.115	<20	2.07	0.011	0.11	0.6	0.03	1.7	0.2	<0.05	8	<0.5
L9500 3000	Soil	10	14	1.89	90	0.214	<20	3.02	0.008	0.68	0.7	0.02	2.6	0.2	<0.05	13	<0.5
L9500 3025	Soil	7	25	0.93	125	0.122	<20	2.73	0.009	0.21	0.9	0.05	2.5	0.2	<0.05	9	<0.5
L9600 2525	Soil	4	11	0.30	201	0.103	<20	1.90	0.015	0.12	0.6	0.03	1.6	<0.1	<0.05	7	<0.5
L9600 2550	Soil	5	17	0.89	194	0.129	<20	2.18	0.012	0.25	13.0	0.03	1.6	0.2	<0.05	8	<0.5
L9600 2575	Soil	8	27	1.54	75	0.146	<20	2.15	0.012	0.61	2.7	0.02	2.9	0.1	<0.05	10	<0.5
L9600 2600	Soil	16	42	1.71	74	0.147	<20	1.96	0.006	0.78	2.1	0.02	3.9	0.1	<0.05	10	<0.5
L9600 2625	Soil	8	42	2.08	147	0.196	<20	2.39	0.011	1.04	0.8	0.01	4.6	0.2	<0.05	11	<0.5
L9600 2650	Soil	5	26	1.01	159	0.150	<20	2.80	0.014	0.16	0.3	0.04	2.3	0.1	<0.05	10	<0.5
L9600 2675	Soil	13	33	0.95	104	0.169	<20	3.94	0.022	0.23	0.6	0.06	3.5	0.1	<0.05	11	<0.5
L9600 2700	Soil	5	31	1.44	67	0.181	<20	2.52	0.007	0.28	0.6	0.02	3.0	<0.1	<0.05	11	<0.5
L9600 2725	Soil	5	21	1.05	105	0.156	<20	2.29	0.014	0.27	0.5	0.04	2.4	0.1	<0.05	8	0.5
L9600 2775	Soil	6	47	0.82	172	0.118	<20	1.93	0.011	0.21	0.4	0.02	1.8	0.1	0.05	7	<0.5
L9600 2800	Soil	7	27	1.14	121	0.139	<20	2.57	0.009	0.36	0.7	0.02	2.5	0.1	<0.05	9	<0.5
L9600 2825	Soil	5	18	0.52	195	0.100	<20	1.84	0.017	0.14	0.3	0.03	1.9	<0.1	<0.05	6	<0.5
L9600 2850	Soil	6	24	0.63	120	0.125	<20	2.65	0.021	0.13	0.4	0.04	2.2	0.1	<0.05	9	<0.5
L9600 2875	Soil	6	36	1.13	68	0.122	<20	2.82	0.010	0.19	0.8	0.02	2.9	<0.1	<0.05	10	<0.5
L9600 2925	Soil	8	23	1.00	160	0.136	<20	2.66	0.011	0.38	1.0	0.04	2.7	0.2	<0.05	9	<0.5
L9600 2950	Soil	6	22	0.93	200	0.163	<20	2.55	0.012	0.27	0.9	0.03	2.4	0.2	<0.05	10	<0.5
L9600 2975	Soil	6	17	0.97	133	0.145	<20	2.18	0.016	0.26	0.5	0.02	2.3	0.2	<0.05	10	<0.5
L9600 3000	Soil	6	11	0.66	233	0.137	<20	2.84	0.015	0.19	0.7	0.04	2.1	0.2	<0.05	9	<0.5
L9300 2500	Soil	7	21	0.51	156	0.082	<20	1.94	0.013	0.12	0.8	0.02	2.0	<0.1	<0.05	6	<0.5
L9300 2525	Soil	4	17	0.26	267	0.097	<20	2.33	0.013	0.07	4.9	0.04	1.9	<0.1	<0.05	6	<0.5
L9300 2550	Soil	4	23	0.54	103	0.131	<20	2.42	0.013	0.12	1.5	0.04	1.8	0.1	<0.05	8	<0.5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.





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**Project:** Ron G  
**Report Date:** November 20, 2008

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# CERTIFICATE OF ANALYSIS

## VAN08010846.1

Method	Analyte	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
L9300 2575	Soil	1.1	93.6	11.6	81	0.7	17.3	11.4	358	2.89	3.5	1.5	15.2	2.7	30	0.7	0.5	0.2	70	0.23	0.129
L9300 2600	Soil	0.5	61.5	8.1	80	0.3	12.0	10.2	541	2.53	1.9	0.7	1.3	2.1	31	0.4	0.7	0.2	59	0.30	0.273
L9300 2625	Soil	0.5	51.8	6.1	42	<0.1	11.4	10.2	329	2.52	2.7	0.3	3.3	1.3	32	0.2	0.3	0.1	67	0.34	0.109
L9300 2650	Soil	0.7	95.0	7.0	62	<0.1	13.0	14.4	656	3.41	2.2	0.6	4.9	2.0	51	0.2	0.1	0.3	100	0.70	0.241
L9300 2675	Soil	0.4	36.3	9.3	93	0.3	12.7	9.3	620	2.20	1.9	0.3	3.9	1.4	20	0.4	0.3	0.2	46	0.19	0.178
L9300 2700	Soil	0.4	24.1	10.4	88	0.4	11.2	7.1	343	1.76	4.1	0.5	<0.5	1.9	22	0.4	0.7	0.2	36	0.21	0.213
L9300 2725	Soil	0.5	57.6	12.5	98	0.2	11.0	9.9	644	2.56	3.9	0.8	18.5	2.5	27	0.6	0.8	0.2	58	0.31	0.270
L9300 2750	Soil	0.6	96.9	9.5	96	0.6	12.0	12.1	655	2.90	3.1	0.9	133.4	2.9	27	0.5	1.0	0.2	78	0.29	0.233
L9300 2775	Soil	0.5	83.6	11.1	105	0.4	13.1	13.6	805	2.78	3.3	0.5	7.5	1.8	30	0.6	0.6	0.2	78	0.24	0.242
L9300 2800	Soil	0.4	67.4	6.7	78	0.2	9.2	13.1	875	2.73	2.4	0.4	2.5	1.1	37	0.3	0.4	<0.1	79	0.31	0.149
L9300 2825	Soil	0.4	83.5	5.2	93	0.9	13.6	12.9	659	2.88	1.3	0.7	3.0	1.7	33	0.3	0.2	0.1	73	0.24	0.158
L9300 2850	Soil	0.7	75.9	35.4	149	0.3	13.7	15.0	1474	3.06	5.7	0.6	2.7	2.2	43	0.9	0.7	0.2	81	0.35	0.191
L9300 2875	Soil	0.3	102.6	31.9	130	0.3	12.5	14.7	1324	3.09	5.0	0.5	2.5	1.9	36	1.1	0.9	0.2	95	0.29	0.298
L9300 2900	Soil	0.2	133.1	5.4	132	0.7	17.7	21.6	587	4.08	1.6	0.7	2.8	2.6	38	0.7	0.2	<0.1	135	0.42	0.167
L9300 2925	Soil	0.5	112.7	10.5	122	0.3	12.5	9.7	806	2.33	4.1	0.7	7.1	2.0	32	1.2	0.6	0.2	58	0.27	0.250
L9300 2950	Soil	0.4	132.4	9.0	123	0.4	18.7	13.1	756	2.99	2.1	0.6	0.6	2.3	33	0.9	0.3	0.2	80	0.32	0.199
L9300 2975	Soil	0.6	152.3	13.6	159	0.2	13.5	16.4	1430	3.84	5.4	0.7	87.5	2.3	31	0.6	0.4	0.3	103	0.42	0.285
L9300 3000	Soil	0.5	117.0	17.5	136	0.2	11.3	12.0	1433	2.93	6.3	0.6	2.3	2.2	32	0.7	0.6	0.3	75	0.35	0.243
L9300 3025	Soil	0.4	321.4	16.3	147	0.2	16.1	16.1	1489	3.78	3.7	0.7	9.1	2.3	28	0.6	0.5	0.3	100	0.31	0.194
L9300 3050	Soil	0.7	329.9	20.2	108	0.5	10.0	15.0	1171	3.65	3.2	0.9	6.1	3.1	27	0.5	0.6	0.7	111	0.38	0.182
L9400 2500	Soil	0.4	77.0	15.0	133	0.2	10.8	11.9	608	2.60	3.3	0.4	4.0	1.8	23	0.7	0.5	0.6	63	0.22	0.267
L9400 2525	Soil	0.5	14.4	35.6	77	0.1	6.9	6.8	439	1.54	5.8	0.3	<0.5	1.2	17	0.5	1.1	0.4	32	0.13	0.152
L9400 2550	Soil	0.9	58.7	17.9	72	0.2	10.2	12.3	557	2.58	6.4	0.3	7.7	1.8	28	0.5	0.8	0.5	72	0.27	0.153
L9400 2575	Soil	0.4	39.3	9.6	152	0.4	9.7	8.7	1289	2.00	2.9	0.4	132.4	1.7	23	1.0	0.5	0.4	44	0.22	0.214
L9400 2600	Soil	0.4	80.7	14.0	139	0.3	9.2	10.9	799	2.35	4.2	0.4	7.9	2.0	17	0.7	0.5	0.5	61	0.17	0.238
L9400 2625	Soil	0.5	30.9	10.2	118	0.4	8.3	6.7	634	1.79	4.6	0.8	6.1	1.5	43	0.7	0.7	0.3	35	0.32	0.613
L9400 2650	Soil	0.4	35.8	21.6	77	0.2	9.0	8.3	561	1.90	6.2	0.4	2.4	0.9	43	0.5	0.7	0.5	46	0.46	0.189
L9400 2675	Soil	0.4	29.6	13.8	114	0.3	7.1	8.7	939	1.91	4.9	0.4	2.2	1.1	43	0.4	0.6	0.4	40	0.32	0.289
L9400 2700	Soil	0.4	55.0	9.5	105	0.2	9.5	12.1	1144	2.30	5.2	0.3	0.7	0.9	25	0.3	0.4	0.4	55	0.22	0.278
L9400 2725	Soil	0.4	21.5	9.3	124	0.3	9.6	8.0	1142	1.64	6.4	0.4	0.8	0.3	28	0.3	0.7	0.3	36	0.20	0.348



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Method	Analyte	Unit	MDL	1DX La	1DX Cr	1DX Mg	1DX Ba	1DX Ti	1DX B	1DX Al	1DX Na	1DX K	1DX W	1DX Hg	1DX Sc	1DX TI	1DX S	1DX Ga	1DX Se
				ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
				1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	1	0.5
L9300 2575	Soil			7	25	0.54	166	<0.001	<20	3.27	0.020	0.11	1.3	0.07	2.5	<0.1	<0.05	9	0.5
L9300 2600	Soil			7	18	0.55	194	0.113	<20	2.32	0.013	0.17	1.8	0.03	2.2	0.1	<0.05	7	0.6
L9300 2625	Soil			6	25	0.80	57	0.084	<20	1.21	0.014	0.18	3.8	0.01	1.6	<0.1	<0.05	4	<0.5
L9300 2650	Soil			11	27	0.97	74	0.098	<20	1.37	0.009	0.42	1.5	0.01	2.2	0.2	<0.05	5	<0.5
L9300 2675	Soil			5	17	0.40	152	0.100	<20	1.89	0.012	0.10	1.9	0.03	1.6	<0.1	<0.05	7	<0.5
L9300 2700	Soil			4	10	0.26	120	0.105	<20	2.26	0.014	0.09	1.1	0.04	1.7	<0.1	<0.05	7	<0.5
L9300 2725	Soil			6	12	0.50	125	0.135	<20	3.27	0.014	0.14	0.8	0.03	2.0	0.1	<0.05	9	<0.5
L9300 2750	Soil			7	15	0.72	151	0.163	<20	3.66	0.012	0.23	1.1	0.05	2.3	0.2	<0.05	9	<0.5
L9300 2775	Soil			5	15	0.80	189	0.126	<20	2.66	0.011	0.24	0.4	0.03	2.1	0.2	<0.05	8	<0.5
L9300 2800	Soil			6	16	0.74	101	0.101	<20	1.41	0.010	0.24	0.3	0.02	1.7	0.1	<0.05	6	<0.5
L9300 2825	Soil			6	15	0.71	123	0.128	<20	2.45	0.022	0.22	0.4	0.03	2.3	0.1	<0.05	8	<0.5
L9300 2850	Soil			7	19	0.91	170	0.152	<20	2.53	0.012	0.38	0.3	0.03	2.7	0.2	<0.05	9	<0.5
L9300 2875	Soil			6	22	1.08	118	0.156	<20	2.65	0.012	0.55	0.2	0.04	3.2	0.2	<0.05	10	0.5
L9300 2900	Soil			9	29	1.66	99	0.160	<20	2.91	0.010	0.62	0.2	0.02	6.1	0.1	<0.05	11	<0.5
L9300 2925	Soil			5	12	0.56	126	0.113	<20	2.49	0.014	0.16	0.5	0.05	2.0	0.1	<0.05	7	<0.5
L9300 2950	Soil			7	16	0.78	135	0.131	<20	2.33	0.010	0.25	0.4	0.04	2.2	0.2	<0.05	8	<0.5
L9300 2975	Soil			8	19	1.06	127	0.135	<20	2.92	0.007	0.26	0.5	0.02	2.4	0.1	<0.05	10	<0.5
L9300 3000	Soil			6	13	0.77	155	0.120	<20	2.53	0.010	0.18	0.6	0.03	1.8	0.2	<0.05	8	<0.5
L9300 3025	Soil			9	27	1.05	150	0.088	<20	2.47	0.006	0.24	0.6	0.04	2.3	0.2	<0.05	9	<0.5
L9300 3050	Soil			10	16	0.99	105	0.116	<20	2.29	0.008	0.25	0.8	0.03	2.9	0.2	<0.05	8	<0.5
L9400 2500	Soil			4	15	0.65	133	0.102	<20	1.73	0.008	0.16	5.1	0.03	1.8	0.1	<0.05	6	<0.5
L9400 2525	Soil			3	10	0.28	81	0.087	<20	1.18	0.013	0.09	1.5	0.03	0.9	0.1	<0.05	5	<0.5
L9400 2550	Soil			4	14	0.54	104	0.131	<20	2.26	0.011	0.17	2.4	0.04	1.4	0.2	<0.05	7	<0.5
L9400 2575	Soil			5	10	0.40	155	0.103	<20	1.78	0.012	0.13	1.2	0.03	1.5	0.2	<0.05	6	<0.5
L9400 2600	Soil			4	11	0.58	115	0.113	<20	2.02	0.006	0.13	3.9	0.03	1.5	0.1	0.06	7	<0.5
L9400 2625	Soil			4	9	0.29	236	0.113	<20	2.79	0.011	0.11	2.9	0.04	2.1	0.1	<0.05	7	<0.5
L9400 2650	Soil			4	13	0.42	120	0.096	<20	1.60	0.011	0.18	0.6	0.03	1.5	0.1	0.06	6	<0.5
L9400 2675	Soil			4	10	0.35	198	0.092	<20	1.66	0.009	0.10	0.7	0.03	1.5	<0.1	<0.05	6	<0.5
L9400 2700	Soil			4	14	0.58	183	0.101	<20	1.54	0.008	0.15	1.0	0.02	1.5	<0.1	<0.05	7	<0.5
L9400 2725	Soil			4	11	0.31	249	0.076	<20	1.66	0.010	0.07	0.3	0.03	1.1	<0.1	<0.05	5	<0.5



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**Project:** Ron G  
**Report Date:** November 20, 2008

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**CERTIFICATE OF ANALYSIS**

**VAN08010846.1**

Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
L9400 2750	Soil	0.3	76.9	20.0	89	<0.1	12.7	16.3	538	2.75	5.5	0.4	9.4	1.4	39	0.6	0.6	0.2	76	0.48	0.177
L9400 2775	Soil	0.5	30.1	8.4	80	0.2	13.1	7.8	651	1.64	4.5	0.4	<0.5	1.4	25	0.5	0.8	0.2	40	0.15	0.264
L9400 2800	Soil	0.4	27.9	12.1	115	0.3	11.4	7.8	1107	1.76	3.0	0.4	1.2	1.2	26	0.6	0.5	0.2	37	0.16	0.256
L9400 2825	Soil	0.5	64.0	8.0	161	0.2	14.6	14.4	877	2.68	2.8	0.4	1.7	1.6	28	0.9	0.4	0.2	71	0.27	0.187
L9400 2850	Soil	0.6	12.9	13.6	146	0.4	5.8	5.0	1198	1.40	3.1	0.3	<0.5	1.1	24	1.1	0.5	0.4	24	0.14	0.405
L9400 2875	Soil	0.4	179.0	5.2	102	0.3	10.0	16.8	860	3.80	2.1	0.8	9.1	2.8	35	0.2	0.1	0.3	110	0.56	0.262
L9400 2900	Soil	0.4	19.2	17.5	87	0.3	7.6	3.4	518	1.17	7.7	0.7	1.3	1.2	50	0.8	1.0	0.3	18	0.30	0.519
L9400 2925	Soil	0.4	163.7	19.8	136	0.3	13.7	13.7	1293	3.19	7.6	1.2	7.9	2.2	60	0.8	1.3	0.4	70	0.50	0.223
L9400 2950	Soil	0.9	590.7	25.1	104	1.6	18.1	14.0	431	3.74	6.8	3.8	18.6	3.3	45	0.9	1.0	0.5	93	0.45	0.098
L9400 2975	Soil	0.4	101.7	27.9	158	0.5	15.9	11.3	761	2.68	7.1	0.8	2.5	2.3	38	1.3	0.7	0.3	64	0.27	0.355
L9400 3000	Soil	0.5	132.7	16.1	237	0.5	7.0	13.0	1827	2.95	10.6	0.8	4.7	1.6	26	1.3	0.7	0.4	81	0.17	0.248
L9400 3025	Soil	1.1	681.1	19.8	158	0.4	9.5	15.2	1264	3.50	5.8	0.7	5.7	2.3	29	0.5	0.6	0.5	90	0.29	0.202
L9400 3050	Soil	3.0	1312	16.5	126	0.4	8.6	18.2	1002	4.02	2.9	1.5	18.0	3.8	21	0.4	0.5	0.5	117	0.32	0.184
L8900 2875	Soil	0.7	230.5	17.2	174	0.8	11.8	13.7	534	2.70	3.3	0.6	6.2	2.3	24	0.7	1.2	0.2	63	0.28	0.173
L8900 2900	Soil	0.5	105.6	15.0	108	0.4	11.0	9.3	303	2.13	2.2	0.8	81.7	2.5	22	0.6	0.8	0.2	47	0.21	0.165
L8900 2925	Soil	0.6	90.1	12.8	124	0.6	12.7	9.7	374	2.10	2.5	1.0	2.0	2.5	24	0.5	1.1	0.2	44	0.24	0.198
L8900 2950	Soil	0.7	163.6	17.6	152	0.3	12.2	13.2	663	2.65	2.1	0.7	3.0	2.6	23	0.5	0.5	0.2	63	0.31	0.237
L8900 2975	Soil	0.4	94.2	13.0	149	0.6	15.8	11.3	632	2.34	2.6	0.6	4.1	1.9	30	0.5	0.5	0.2	53	0.28	0.241
L8900 3000	Soil	0.4	58.7	16.6	143	0.4	13.1	10.0	601	2.32	6.1	0.4	5.6	1.8	33	0.7	0.5	0.3	50	0.27	0.420
L8900 3025	Soil	0.7	62.1	10.6	117	0.7	12.0	8.0	1414	1.88	1.8	0.7	1.7	1.8	18	0.6	0.5	0.2	40	0.15	0.206
L8900 3050	Soil	0.5	38.5	9.6	135	0.5	8.8	8.8	923	2.03	1.6	0.5	3.8	1.4	17	0.6	0.2	0.2	39	0.15	0.251
L8900 3075	Soil	0.4	77.4	11.3	115	0.3	12.0	10.6	694	2.63	6.2	0.6	2.1	2.1	32	0.6	0.5	0.2	55	0.27	0.387
L8900 3100	Soil	0.4	75.5	8.3	104	0.2	12.8	14.8	479	3.06	3.3	0.3	17.0	1.3	29	0.3	0.4	0.2	69	0.24	0.195
L8900 3125	Soil	0.4	135.1	9.9	155	0.6	19.2	17.2	527	3.19	2.8	0.6	5.7	2.2	26	0.5	0.5	0.2	81	0.28	0.191
L9200 2500	Soil	0.9	44.5	27.5	81	0.2	10.1	9.7	664	2.15	7.0	0.4	37.3	0.8	29	0.6	0.9	0.4	46	0.22	0.353
L9200 2525	Soil	0.5	47.4	73.9	112	0.4	11.8	9.0	553	1.92	8.4	0.3	15.4	1.0	35	2.0	1.0	0.4	42	0.29	0.164
L9200 2550	Soil	0.8	15.3	10.5	71	0.4	10.0	6.9	592	1.70	2.9	0.6	1.2	1.4	19	0.6	0.7	0.3	28	0.15	0.257
L9200 2575	Soil	0.7	35.3	34.7	74	0.2	8.5	8.6	395	2.23	9.5	0.4	4.4	1.6	22	0.6	0.8	0.4	48	0.23	0.243
L9200 2600	Soil	0.5	48.5	20.6	78	0.2	11.3	9.4	441	2.26	6.5	0.4	2.3	2.2	22	0.5	0.8	0.3	49	0.21	0.253
L9200 2625	Soil	0.6	15.4	26.9	81	0.3	6.8	5.9	943	1.59	6.0	0.4	0.9	1.5	22	0.8	0.8	0.3	25	0.14	0.459

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project:

Ron G

Report Date:

November 20, 2008

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Part 2

## CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	
L9400 2750	Soil	6	22	0.94	91	0.089	<20	1.29	0.005	0.19	0.4	0.02	1.8	<0.1	<0.05	6	<0.5
L9400 2775	Soil	3	12	0.33	115	0.104	<20	2.05	0.011	0.08	0.4	0.04	1.7	<0.1	<0.05	6	<0.5
L9400 2800	Soil	4	13	0.35	202	0.090	<20	1.64	0.010	0.07	0.3	0.03	1.6	<0.1	<0.05	6	<0.5
L9400 2825	Soil	5	16	0.74	170	0.121	<20	2.09	0.008	0.15	0.4	0.03	2.1	<0.1	<0.05	7	<0.5
L9400 2850	Soil	3	7	0.17	290	0.090	<20	1.64	0.009	0.08	0.3	0.04	1.3	0.1	<0.05	6	<0.5
L9400 2875	Soil	11	19	1.20	61	0.120	<20	1.89	0.006	0.54	0.6	0.01	3.4	0.1	<0.05	8	<0.5
L9400 2900	Soil	4	6	0.15	147	0.113	<20	2.87	0.018	0.08	0.2	0.04	1.7	<0.1	<0.05	6	<0.5
L9400 2925	Soil	11	21	0.72	126	0.119	<20	2.25	0.009	0.16	0.4	0.04	3.0	0.2	<0.05	9	<0.5
L9400 2950	Soil	6	34	0.83	97	0.140	<20	3.87	0.011	0.20	0.7	0.06	2.8	0.1	<0.05	11	<0.5
L9400 2975	Soil	6	20	0.57	108	0.112	<20	2.61	0.010	0.13	0.5	0.03	2.4	<0.1	<0.05	8	<0.5
L9400 3000	Soil	10	7	0.75	156	0.142	<20	2.04	0.010	0.26	0.7	0.05	2.4	0.2	<0.05	9	<0.5
L9400 3025	Soil	6	10	0.87	136	0.131	<20	2.24	0.007	0.24	1.0	0.03	2.2	0.2	<0.05	9	<0.5
L9400 3050	Soil	10	13	1.17	86	0.150	<20	2.61	0.005	0.42	2.9	0.03	3.5	0.2	<0.05	9	<0.5
L8900 2875	Soil	6	15	0.66	119	0.083	<20	2.12	0.008	0.17	0.6	0.05	1.9	0.1	<0.05	6	<0.5
L8900 2900	Soil	7	12	0.46	140	0.102	<20	2.51	0.009	0.13	1.0	0.03	2.1	<0.1	<0.05	7	<0.5
L8900 2925	Soil	8	13	0.43	121	0.102	<20	2.32	0.011	0.11	0.5	0.05	2.5	0.1	<0.05	6	<0.5
L8900 2950	Soil	8	19	0.65	133	0.079	<20	1.81	0.008	0.14	0.5	0.02	2.0	<0.1	<0.05	6	<0.5
L8900 2975	Soil	6	19	0.55	168	0.101	<20	2.29	0.009	0.12	0.5	0.04	2.1	<0.1	<0.05	7	<0.5
L8900 3000	Soil	5	17	0.46	229	0.100	<20	2.20	0.008	0.11	0.6	0.03	1.9	<0.1	<0.05	7	<0.5
L8900 3025	Soil	7	12	0.30	206	0.104	<20	2.53	0.013	0.07	0.4	0.05	2.1	0.1	<0.05	6	<0.5
L8900 3050	Soil	5	12	0.29	164	0.086	<20	1.73	0.010	0.08	0.3	0.04	1.7	<0.1	<0.05	6	<0.5
L8900 3075	Soil	6	17	0.50	162	0.087	<20	1.98	0.010	0.12	0.5	0.03	1.7	<0.1	<0.05	6	<0.5
L8900 3100	Soil	4	24	0.79	107	0.094	<20	1.50	0.006	0.09	0.4	0.02	2.0	<0.1	<0.05	7	<0.5
L8900 3125	Soil	7	28	0.94	169	0.121	<20	2.16	0.010	0.24	0.5	0.01	2.7	0.1	<0.05	8	<0.5
L9200 2500	Soil	4	16	0.42	159	0.081	<20	1.53	0.009	0.10	1.6	0.03	1.3	0.1	<0.05	6	<0.5
L9200 2525	Soil	4	19	0.43	139	0.080	<20	1.54	0.009	0.09	0.5	0.04	1.1	0.1	<0.05	5	<0.5
L9200 2550	Soil	5	10	0.22	132	0.111	<20	2.65	0.016	0.06	0.4	0.03	1.7	<0.1	<0.05	7	<0.5
L9200 2575	Soil	4	15	0.37	93	0.078	<20	1.46	0.009	0.07	3.8	0.03	1.3	<0.1	<0.05	5	<0.5
L9200 2600	Soil	4	16	0.43	99	0.102	<20	2.25	0.010	0.09	3.8	0.03	1.6	<0.1	<0.05	6	<0.5
L9200 2625	Soil	4	10	0.17	237	0.089	<20	1.85	0.011	0.07	1.0	0.04	1.2	<0.1	<0.05	6	<0.5



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**Project:** Ron G  
**Report Date:** November 20, 2008

**Page:** 8 of 9 **Part** 1

**CERTIFICATE OF ANALYSIS**

**VAN08010846.1**

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
L9200 2650	Soil	0.4	26.9	17.5	76	0.3	9.5	8.8	540	1.88	3.9	0.4	1.5	1.8	30	0.6	0.7	0.3	43	0.23	0.343		
L9200 2675	Soil	0.4	25.5	28.1	105	0.2	9.2	8.3	726	1.91	6.4	0.3	43.5	1.3	17	0.6	0.6	0.3	41	0.16	0.229		
L9200 2700	Soil	1.3	44.0	17.3	91	0.1	8.8	10.7	686	2.30	5.2	0.3	17.3	1.3	17	0.5	0.6	0.2	59	0.18	0.127		
L9200 2725	Soil	0.6	32.3	14.7	131	0.2	8.2	8.8	1092	2.01	5.1	0.5	45.8	1.5	21	0.7	0.7	0.3	45	0.17	0.284		
L9200 2750	Soil	0.5	41.3	10.4	114	0.4	11.4	9.0	1109	2.14	2.6	0.4	1.5	1.6	25	0.5	0.4	0.2	51	0.22	0.253		
L9200 2775	Soil	0.6	46.3	7.7	107	0.5	11.4	10.2	1032	2.17	2.5	0.4	11.0	1.3	30	0.5	0.4	0.2	59	0.24	0.185		
L9200 2800	Soil	0.6	46.0	9.5	83	0.6	8.6	8.1	509	1.89	4.0	0.8	1.0	2.0	21	0.4	0.5	0.2	44	0.16	0.308		
L9200 2825	Soil	0.7	45.8	8.9	73	0.5	10.9	6.6	527	1.75	3.0	0.9	1.4	1.9	22	0.5	0.6	0.2	38	0.17	0.207		
L9200 2875	Soil	0.9	60.7	10.6	133	0.6	11.9	10.6	1009	2.22	4.1	0.6	2.4	1.7	25	0.6	0.6	0.2	56	0.20	0.182		
L9200 2900	Soil	0.7	46.3	7.2	122	0.4	8.5	11.2	1352	2.35	2.3	0.4	<0.5	1.5	28	0.5	0.3	0.2	58	0.24	0.219		
L9200 2925	Soil	0.4	143.8	8.0	115	0.2	12.5	21.7	978	3.69	2.2	0.8	1.1	2.4	50	0.3	0.2	<0.1	136	0.55	0.226		
L9200 2950	Soil	0.5	64.2	6.7	123	0.3	10.0	12.4	836	2.51	2.0	0.6	9.8	1.4	35	0.3	0.2	0.1	66	0.29	0.228		
L9200 2975	Soil	0.5	40.4	12.2	220	0.4	15.8	7.5	858	1.91	2.6	0.5	<0.5	1.0	24	1.4	0.6	0.3	38	0.20	0.214		
L9200 3000	Soil	0.5	278.5	26.9	206	0.5	11.2	15.2	1297	3.32	4.3	1.0	2.8	2.2	31	1.4	0.6	0.3	96	0.33	0.212		
L9200 3025	Soil	0.4	407.8	17.1	212	0.7	12.9	17.5	688	3.76	3.8	1.5	21.0	2.6	26	0.7	0.4	0.2	113	0.37	0.199		
L9200 3050	Soil	0.5	179.5	23.9	145	0.5	9.3	13.8	1366	3.02	3.7	1.0	5.1	2.2	39	1.1	0.4	0.2	82	0.45	0.262		
L9700 2775	Soil	0.6	55.7	10.7	162	0.5	15.6	11.5	926	2.40	4.8	0.6	2.5	1.6	29	0.6	0.5	0.2	60	0.22	0.275		
L9700 2800	Soil	0.5	53.9	15.4	156	0.4	13.9	13.2	1295	2.57	3.1	0.4	0.7	1.0	25	0.5	0.6	0.2	65	0.19	0.194		
L9700 2825	Soil	0.6	59.0	12.4	198	0.3	13.0	11.7	1047	2.42	1.6	0.5	1.4	2.0	30	0.7	0.6	0.2	65	0.34	0.170		
L9700 2850	Soil	0.4	107.2	25.8	271	0.2	14.9	12.7	912	2.89	6.4	0.4	6.3	1.7	33	1.6	0.5	0.4	77	0.33	0.191		
L9700 2875	Soil	0.8	320.6	14.1	120	0.2	18.7	15.8	732	3.47	4.9	1.1	4.1	3.7	33	0.3	0.4	0.3	106	0.39	0.171		
L9700 2900	Soil	0.7	331.9	24.5	177	0.3	16.9	17.1	1719	3.70	8.0	1.3	33.7	2.4	25	1.1	1.0	0.4	114	0.29	0.153		
L9700 2925	Soil	0.6	320.0	13.0	211	0.2	11.7	27.5	1464	5.46	3.8	0.6	6.9	2.6	37	0.3	0.6	0.3	186	0.58	0.240		
L9700 2950	Soil	0.6	152.0	16.1	220	0.4	11.0	15.5	2549	3.34	4.3	0.6	2.4	2.0	30	0.8	0.7	0.4	88	0.35	0.218		
L9700 2975	Soil	0.7	164.8	15.0	116	0.4	11.2	14.1	1291	3.08	4.4	0.8	4.1	2.4	22	0.5	0.7	0.5	90	0.26	0.222		
L9800 2800	Soil	0.6	29.1	16.9	152	0.5	11.0	7.4	2317	1.84	4.8	0.4	2.1	1.5	27	0.6	0.8	0.3	40	0.17	0.248		
L9800 2825	Soil	1.1	60.3	10.5	97	0.5	9.2	7.3	1900	1.94	2.3	0.7	0.6	1.9	20	0.7	0.7	0.3	40	0.16	0.187		
L9800 2850	Soil	0.9	241.3	22.8	174	1.1	11.5	12.8	540	2.77	2.7	1.5	26.7	3.7	21	1.4	0.5	0.3	79	0.23	0.134		
L9800 2875	Soil	0.4	199.4	20.4	125	<0.1	31.1	20.0	1297	3.70	5.7	0.7	3.5	3.7	35	0.6	0.5	0.3	97	0.40	0.270		
L9800 2900	Soil	0.5	170.9	15.8	147	0.2	11.3	15.2	1666	3.28	3.4	0.6	8.0	1.9	33	0.5	0.7	0.3	101	0.43	0.227		



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Project: Ron G  
Report Date: November 20, 2008

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# CERTIFICATE OF ANALYSIS

VAN08010846.1

Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm	
	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	
L9200 2650	Soil	4	12	0.35	167	0.093	<20	1.89	0.011	0.09	2.5	0.03	1.6	<0.1	<0.05	5	<0.5
L9200 2675	Soil	4	15	0.34	146	0.081	<20	1.32	0.008	0.08	1.2	0.03	1.4	<0.1	<0.05	5	<0.5
L9200 2700	Soil	4	13	0.50	112	0.083	<20	1.15	0.007	0.11	3.4	0.01	1.2	<0.1	<0.05	5	<0.5
L9200 2725	Soil	4	11	0.38	155	0.100	<20	1.80	0.012	0.09	2.3	0.02	1.7	<0.1	<0.05	6	<0.5
L9200 2750	Soil	4	11	0.45	150	0.098	<20	1.81	0.014	0.12	1.0	0.02	1.6	<0.1	<0.05	6	<0.5
L9200 2775	Soil	4	10	0.51	203	0.122	<20	2.03	0.015	0.13	0.7	0.04	1.6	0.1	<0.05	7	<0.5
L9200 2800	Soil	4	11	0.33	111	0.116	<20	2.61	0.011	0.11	0.5	0.04	2.2	<0.1	<0.05	7	<0.5
L9200 2825	Soil	7	10	0.29	108	0.115	<20	2.45	0.017	0.09	0.4	0.03	2.2	<0.1	<0.05	6	<0.5
L9200 2875	Soil	5	15	0.52	140	0.110	<20	2.23	0.014	0.11	0.3	0.04	1.8	0.1	<0.05	7	<0.5
L9200 2900	Soil	4	13	0.51	146	0.106	<20	1.68	0.010	0.14	0.5	0.02	1.6	<0.1	<0.05	6	<0.5
L9200 2925	Soil	10	17	1.53	92	0.159	<20	2.31	0.006	0.87	0.1	0.02	3.2	0.1	<0.05	8	<0.5
L9200 2950	Soil	6	12	0.67	105	0.114	<20	2.20	0.010	0.21	0.3	0.02	1.8	<0.1	<0.05	7	<0.5
L9200 2975	Soil	5	12	0.34	184	0.118	<20	2.29	0.018	0.11	0.2	0.03	1.7	<0.1	<0.05	6	<0.5
L9200 3000	Soil	9	17	0.86	178	0.138	<20	2.48	0.009	0.32	0.6	0.04	2.9	0.2	<0.05	8	<0.5
L9200 3025	Soil	7	23	1.11	93	0.147	<20	2.82	0.008	0.26	0.5	0.03	3.2	0.1	<0.05	10	<0.5
L9200 3050	Soil	9	10	0.83	129	0.100	<20	2.13	0.010	0.33	0.4	0.03	2.5	0.2	<0.05	8	<0.5
L9700 2775	Soil	6	33	0.63	199	0.123	<20	2.14	0.015	0.12	0.4	0.03	2.1	<0.1	<0.05	8	<0.5
L9700 2800	Soil	4	13	0.67	183	0.109	<20	1.91	0.010	0.19	0.4	0.02	1.9	0.1	<0.05	8	<0.5
L9700 2825	Soil	6	18	0.65	213	0.131	<20	2.27	0.015	0.16	0.5	0.03	2.4	0.1	<0.05	7	<0.5
L9700 2850	Soil	5	24	0.78	172	0.118	<20	1.97	0.011	0.24	0.6	0.02	2.1	0.2	<0.05	7	<0.5
L9700 2875	Soil	8	53	1.09	164	0.177	<20	3.10	0.011	0.32	0.8	0.03	3.4	0.2	<0.05	10	<0.5
L9700 2900	Soil	7	38	1.04	169	0.168	<20	2.83	0.011	0.28	0.8	0.03	2.6	0.2	<0.05	9	0.6
L9700 2925	Soil	7	15	1.82	155	0.268	<20	3.19	0.008	0.73	1.0	0.02	4.1	0.3	<0.05	13	<0.5
L9700 2950	Soil	6	14	0.84	196	0.159	<20	2.44	0.010	0.25	0.8	0.04	2.3	0.2	<0.05	9	<0.5
L9700 2975	Soil	7	16	0.73	166	0.170	<20	3.05	0.011	0.20	1.3	0.03	2.7	0.2	<0.05	9	0.6
L9800 2800	Soil	4	11	0.31	223	0.122	<20	2.23	0.015	0.09	0.5	0.03	1.8	0.1	<0.05	7	<0.5
L9800 2825	Soil	7	10	0.26	219	0.131	<20	2.78	0.017	0.07	0.9	0.04	2.1	0.2	<0.05	8	<0.5
L9800 2850	Soil	9	17	0.70	191	0.168	<20	3.89	0.014	0.23	1.1	0.05	3.5	0.2	<0.05	10	0.8
L9800 2875	Soil	8	129	1.46	302	0.205	<20	2.97	0.010	0.47	1.0	0.02	3.7	0.3	<0.05	10	<0.5
L9800 2900	Soil	7	14	0.93	202	0.164	<20	2.77	0.010	0.27	1.0	0.03	2.4	0.2	<0.05	9	0.6

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Ron G

Report Date: November 20, 2008

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CERTIFICATE OF ANALYSIS

VAN08010846.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
L9800 2925	Soil	0.7	175.0	13.7	129	0.5	12.3	14.6	1039	3.02	5.1	0.6	14.5	2.3	23	0.6	0.8	0.3	88	0.27	0.203
L9800 2950	Soil	0.7	301.1	10.0	158	0.7	14.5	19.0	1623	3.53	2.0	0.9	1.4	2.5	21	0.9	0.2	0.3	105	0.26	0.159
L9800 2975	Soil	0.6	145.3	8.7	150	0.3	15.6	20.4	1329	3.91	3.3	0.8	<0.5	2.6	24	0.5	0.4	0.3	126	0.38	0.231



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**CERTIFICATE OF ANALYSIS**

**VAN08010846.1**

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	
L9800 2925	Soil	5	15	0.88	169	0.168	<20	3.39	0.011	0.26	1.2	0.04	2.4	0.1	<0.05	9	0.6
L9800 2950	Soil	10	20	1.12	183	0.174	<20	2.89	0.011	0.32	0.8	0.03	3.5	0.2	<0.05	10	0.8
L9800 2975	Soil	6	21	1.27	161	0.182	<20	3.20	0.009	0.23	1.0	0.03	3.3	0.1	<0.05	10	<0.5





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QUALITY CONTROL REPORT

VAN08010846.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
L9100 3050	Soil	0.5	208.7	14.7	164	0.2	13.5	18.0	1085	3.89	2.7	0.9	3.9	3.3	32	0.7	0.6	0.3	108	0.39	0.231
REP L9100 3050	QC	0.4	200.6	14.8	152	0.2	13.5	17.1	1036	4.09	2.5	0.9	5.2	3.6	32	0.6	0.6	0.3	109	0.40	0.237
L9000 2750	Soil	0.4	39.2	9.6	148	0.3	13.8	9.8	365	2.30	2.7	0.4	2.4	2.1	19	0.6	0.7	0.3	49	0.21	0.229
REP L9000 2750	QC	0.4	40.7	9.7	144	0.3	13.2	10.0	370	2.24	3.1	0.4	2.8	1.9	18	0.6	0.6	0.3	49	0.19	0.230
L9500 2850	Soil	1.7	66.2	17.8	151	0.4	13.0	11.7	1096	2.73	6.6	0.7	2.6	2.2	25	0.6	1.3	0.3	61	0.25	0.400
REP L9500 2850	QC	1.5	64.2	18.0	149	0.4	12.7	11.4	1040	2.73	6.5	0.7	0.5	2.2	24	0.8	1.4	0.3	63	0.25	0.397
L9300 2525	Soil	0.9	26.5	9.4	96	0.3	8.5	8.8	442	2.50	3.9	0.5	3.4	2.2	35	0.5	0.4	0.2	45	0.22	0.601
REP L9300 2525	QC	0.6	27.1	9.4	97	2.4	8.6	9.3	443	2.49	4.1	0.5	8891	2.3	35	0.4	0.4	0.3	43	0.22	0.549
L9400 2850	Soil	0.6	12.9	13.6	146	0.4	5.8	5.0	1198	1.40	3.1	0.3	<0.5	1.1	24	1.1	0.5	0.4	24	0.14	0.405
REP L9400 2850	QC	0.6	13.0	12.5	153	0.4	6.2	5.2	1216	1.41	2.8	0.3	1.6	1.1	26	1.4	0.5	0.5	25	0.13	0.416
L9200 2925	Soil	0.4	143.8	8.0	115	0.2	12.5	21.7	978	3.69	2.2	0.8	1.1	2.4	50	0.3	0.2	<0.1	136	0.55	0.226
REP L9200 2925	QC	0.3	155.3	8.0	119	0.2	13.1	23.1	987	3.78	2.4	0.8	1.6	2.3	51	0.3	0.2	<0.1	144	0.59	0.224
Reference Materials																					
STD DS7	Standard	21.1	109.9	67.5	396	0.8	59.0	10.5	678	2.50	55.3	5.1	174.0	4.8	75	6.7	5.2	4.9	84	0.91	0.078
STD DS7	Standard	23.3	119.3	64.8	387	0.8	57.6	10.2	657	2.46	52.4	4.8	52.6	4.2	74	6.1	5.3	4.7	84	0.90	0.072
STD DS7	Standard	19.7	107.3	68.6	386	0.8	55.0	9.4	582	2.27	52.1	4.8	50.3	4.1	63	6.0	5.2	4.9	80	0.85	0.073
STD DS7	Standard	20.9	114.7	69.0	393	0.8	55.3	9.0	614	2.30	50.6	4.7	54.4	4.1	68	6.1	5.1	4.9	82	0.86	0.073
STD DS7	Standard	19.7	106.3	67.1	388	0.7	53.2	8.5	636	2.37	47.6	4.2	50.5	3.7	65	5.6	4.7	4.0	82	0.94	0.071
STD DS7	Standard	19.3	92.7	66.2	378	0.8	50.7	8.5	627	2.30	47.8	4.3	50.6	3.8	64	5.6	4.9	4.0	80	0.84	0.068
STD DS7	Standard	19.0	102.2	69.5	371	0.8	54.6	8.9	601	2.26	54.0	5.0	55.4	4.5	67	5.7	4.9	4.5	79	0.87	0.074
STD DS7	Standard	20.4	104.2	62.7	353	0.8	53.1	8.3	556	2.09	49.4	4.2	50.3	3.9	62	6.0	4.9	4.3	75	0.79	0.069
STD DS7	Standard	20.5	117.7	69.3	393	0.8	55.8	10.1	662	2.51	52.6	4.7	55.4	4.1	69	6.6	4.7	4.8	88	0.90	0.075
STD DS7	Standard	20.8	107.9	68.0	392	0.9	55.7	10.1	673	2.46	52.5	4.8	103.4	3.8	66	6.2	4.9	4.6	79	0.84	0.078
STD DS7	Standard	21.7	104.3	68.0	387	0.8	58.2	9.7	678	2.62	48.8	4.6	58.9	3.9	71	5.8	5.2	4.3	92	0.90	0.069
STD DS7	Standard	21.9	107.4	66.3	409	0.8	62.0	9.8	694	2.58	49.7	4.4	57.7	4.1	73	5.5	5.1	4.2	89	0.88	0.072
STD DS7 Expected		20.9	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	5.9	4.5	86	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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711 - 675 W. Hastings St.  
Vancouver BC V6B 1N2 Canada

**Project:** Ron G  
**Report Date:** November 20, 2008

**Page:** 1 of 2 **Part** 2

QUALITY CONTROL REPORT

VAN08010846.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	
Pulp Duplicates																	
L9100 3050	Soil	8	21	1.09	157	0.153	<20	2.93	0.008	0.28	0.5	0.03	3.1	0.1	<0.05	10	<0.5
REP L9100 3050	QC	8	21	1.10	154	0.152	<20	2.76	0.008	0.29	0.5	0.03	3.3	0.2	<0.05	9	<0.5
L9000 2750	Soil	4	15	0.44	139	0.099	<20	1.79	0.012	0.11	2.7	0.03	1.8	0.1	<0.05	6	<0.5
REP L9000 2750	QC	5	17	0.45	138	0.093	<20	1.83	0.012	0.11	1.9	0.03	1.7	<0.1	<0.05	6	<0.5
L9500 2850	Soil	5	16	0.58	166	0.124	<20	2.73	0.015	0.17	0.6	0.03	2.1	0.1	<0.05	8	<0.5
REP L9500 2850	QC	5	16	0.53	158	0.126	<20	2.53	0.014	0.16	0.5	0.04	2.4	0.1	<0.05	9	<0.5
L9300 2525	Soil	4	17	0.26	267	0.097	<20	2.33	0.013	0.07	4.9	0.04	1.9	<0.1	<0.05	6	<0.5
REP L9300 2525	QC	4	17	0.25	256	0.097	<20	2.27	0.014	0.07	5.8	0.04	1.9	<0.1	<0.05	7	<0.5
L9400 2850	Soil	3	7	0.17	290	0.090	<20	1.64	0.009	0.08	0.3	0.04	1.3	0.1	<0.05	6	<0.5
REP L9400 2850	QC	4	7	0.18	304	0.090	<20	1.70	0.010	0.08	0.3	0.04	1.3	0.1	<0.05	6	<0.5
L9200 2925	Soil	10	17	1.53	92	0.159	<20	2.31	0.006	0.87	0.1	0.02	3.2	0.1	<0.05	8	<0.5
REP L9200 2925	QC	11	17	1.53	95	0.162	<20	2.31	0.007	0.94	0.2	0.02	3.5	0.1	<0.05	8	<0.5
Reference Materials																	
STD DS7	Standard	12	193	1.12	432	0.124	37	1.10	0.103	0.50	2.8	0.18	2.8	4.1	0.22	5	3.2
STD DS7	Standard	11	194	1.03	415	0.125	37	1.04	0.097	0.48	3.3	0.19	2.7	4.1	0.20	5	3.1
STD DS7	Standard	10	194	0.95	413	0.110	33	0.93	0.092	0.43	3.3	0.19	2.6	4.2	0.21	5	3.3
STD DS7	Standard	11	200	0.93	396	0.112	44	0.92	0.092	0.44	3.2	0.18	2.3	4.1	0.19	4	3.8
STD DS7	Standard	12	199	1.01	431	0.121	36	1.04	0.091	0.52	3.2	0.19	2.1	4.3	0.17	5	3.1
STD DS7	Standard	11	193	1.02	421	0.119	32	0.97	0.091	0.48	3.1	0.20	2.1	4.3	0.16	5	4.0
STD DS7	Standard	11	193	0.96	391	0.110	33	0.95	0.090	0.45	3.2	0.19	2.3	4.2	0.16	4	3.9
STD DS7	Standard	10	175	0.94	369	0.100	26	0.88	0.086	0.42	3.1	0.18	2.1	3.6	0.14	4	3.3
STD DS7	Standard	11	187	1.03	437	0.122	22	1.00	0.091	0.54	3.5	0.20	2.7	4.2	0.21	5	3.6
STD DS7	Standard	11	183	1.09	433	0.118	21	1.06	0.098	0.51	3.3	0.20	2.2	4.1	0.17	5	3.0
STD DS7	Standard	12	206	1.03	457	0.121	36	1.04	0.096	0.51	3.5	0.19	2.4	4.2	0.12	5	3.7
STD DS7	Standard	12	217	1.08	454	0.118	36	1.06	0.106	0.50	3.5	0.23	2.2	4.2	0.14	5	4.2
STD DS7 Expected		13	163	1.05	370	0.124	39	0.959	0.073	0.44	3.8	0.2	2.5	4.2	0.21	5	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5



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Project: Ron G

Report Date: November 20, 2008

Page: 2 of 2 Part 1

## QUALITY CONTROL REPORT

VAN08010846.1

		1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX U ppm 0.1	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2	1DX Ca % 0.01	1DX P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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Ron G

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Page:

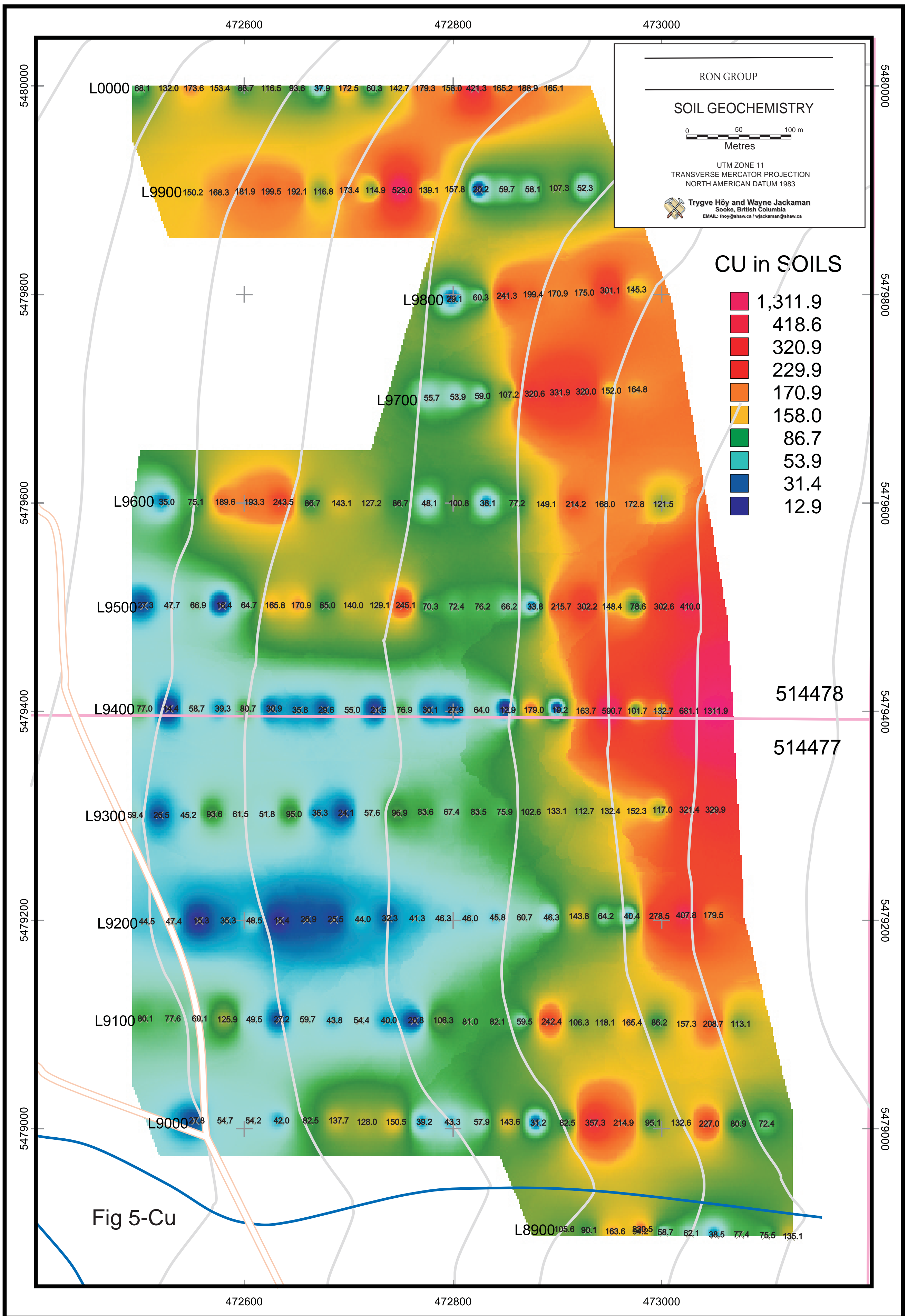
2 of 2

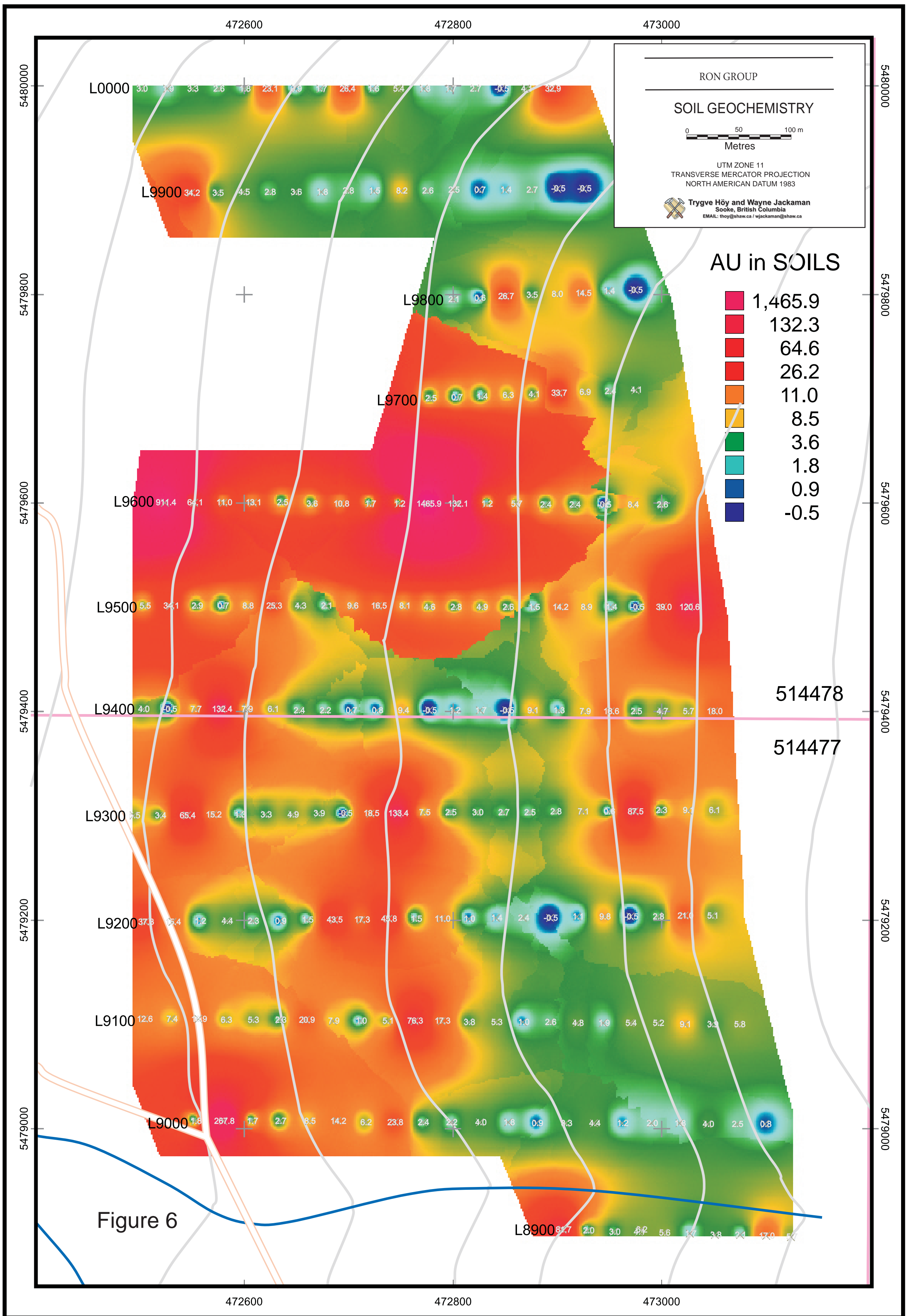
Part 2

## QUALITY CONTROL REPORT

VAN08010846.1

		1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm
		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5





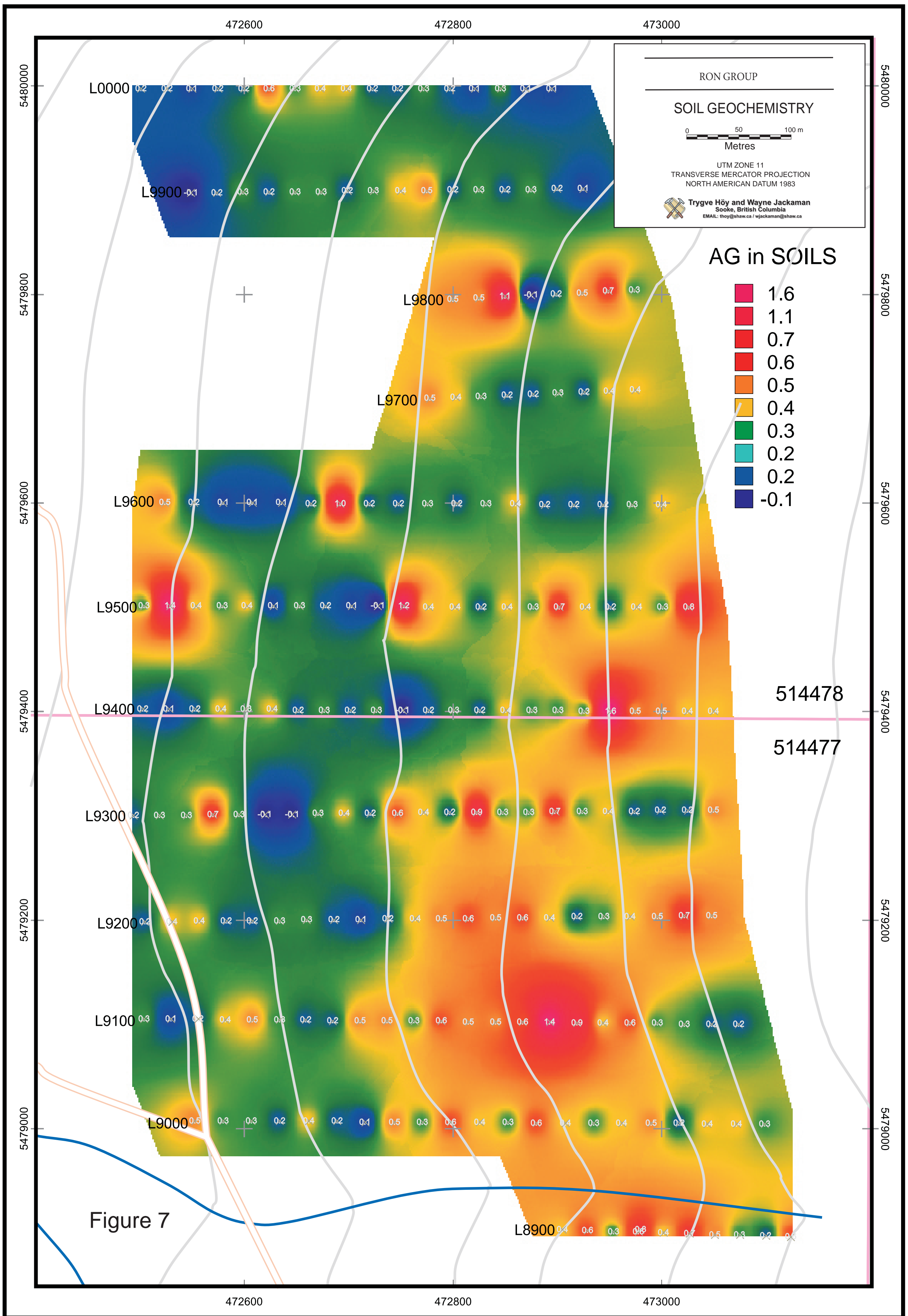


Figure 7

514478  
514477

L0000 0.2 0.2 0.1 0.2 0.2 0.6 0.3 0.4 0.4 0.2 0.2 0.3 0.2 0.1 0.3 0.1 0.1

L9900 -0.1 0.2 0.3 0.2 0.3 0.3 0.2 0.3 0.4 0.5 0.2 0.3 0.2 0.3 0.2 0.1

L9800 0.5 0.5 1.1 -0.1 0.2 0.5 0.7 0.3

L9700 0.5 0.4 0.3 0.2 0.2 0.3 0.2 0.4 0.4

L9600 0.5 0.2 0.1 -0.1 0.1 0.2 1.0 0.2 0.2 0.3 -0.2 0.3 0.4 0.2 0.2 0.2 0.3 0.4

L9500 0.3 1.4 0.4 0.3 0.4 0.1 0.3 0.2 0.1 -0.1 1.2 0.4 0.4 0.2 0.4 0.3 0.7 0.4 0.2 0.4 0.3 0.8

L9400 0.2 0.1 0.2 0.4 0.3 0.4 0.2 0.3 0.2 0.3 0.1 0.2 -0.3 0.2 0.4 0.3 0.3 0.3 1.6 0.5 0.5 0.4 0.4

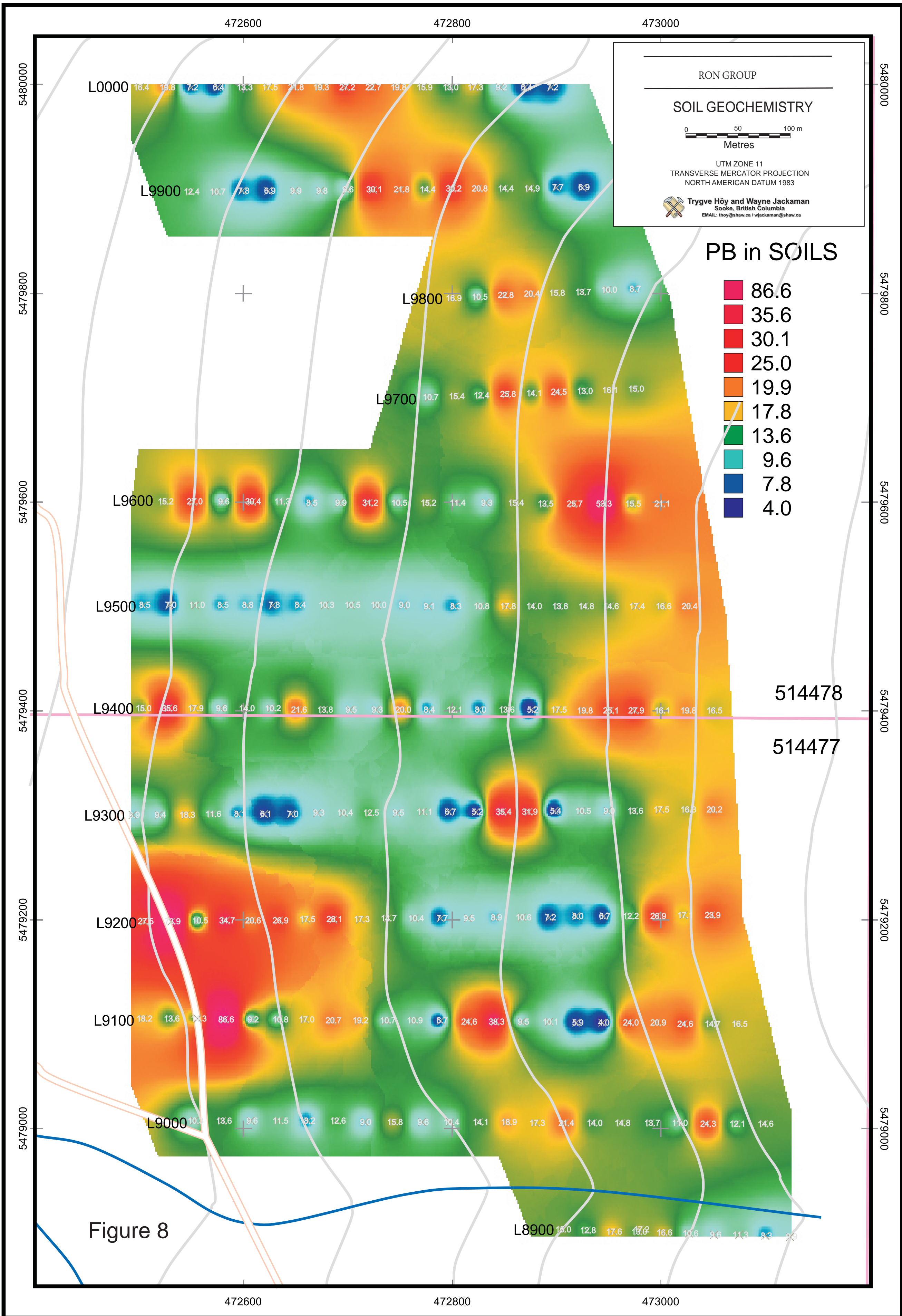
L9300 0.2 0.3 0.3 0.7 0.3 -0.1 -0.1 0.3 0.4 0.2 0.6 0.4 0.2 0.9 0.3 0.3 0.7 0.3 0.4 0.2 0.2 0.2 0.5

L9200 0.4 0.4 0.4 0.2 0.2 0.3 0.3 0.2 0.1 0.2 0.4 0.5 0.6 0.5 0.6 0.4 0.2 0.3 0.4 0.5 0.7 0.5

L9100 0.3 0.1 0.2 0.4 0.5 0.3 0.2 0.2 0.5 0.5 0.3 0.6 0.5 0.5 0.6 1.4 0.9 0.4 0.6 0.3 0.3 0.2 0.2

L9000 0.5 0.3 0.3 0.2 0.4 0.2 0.1 0.5 0.3 0.6 0.4 0.3 0.6 0.4 0.3 0.4 0.5 0.2 0.4 0.4 0.3

L8900 0.4 0.6 0.3 0.6 0.4 0.5 0.3 0.2 0.1





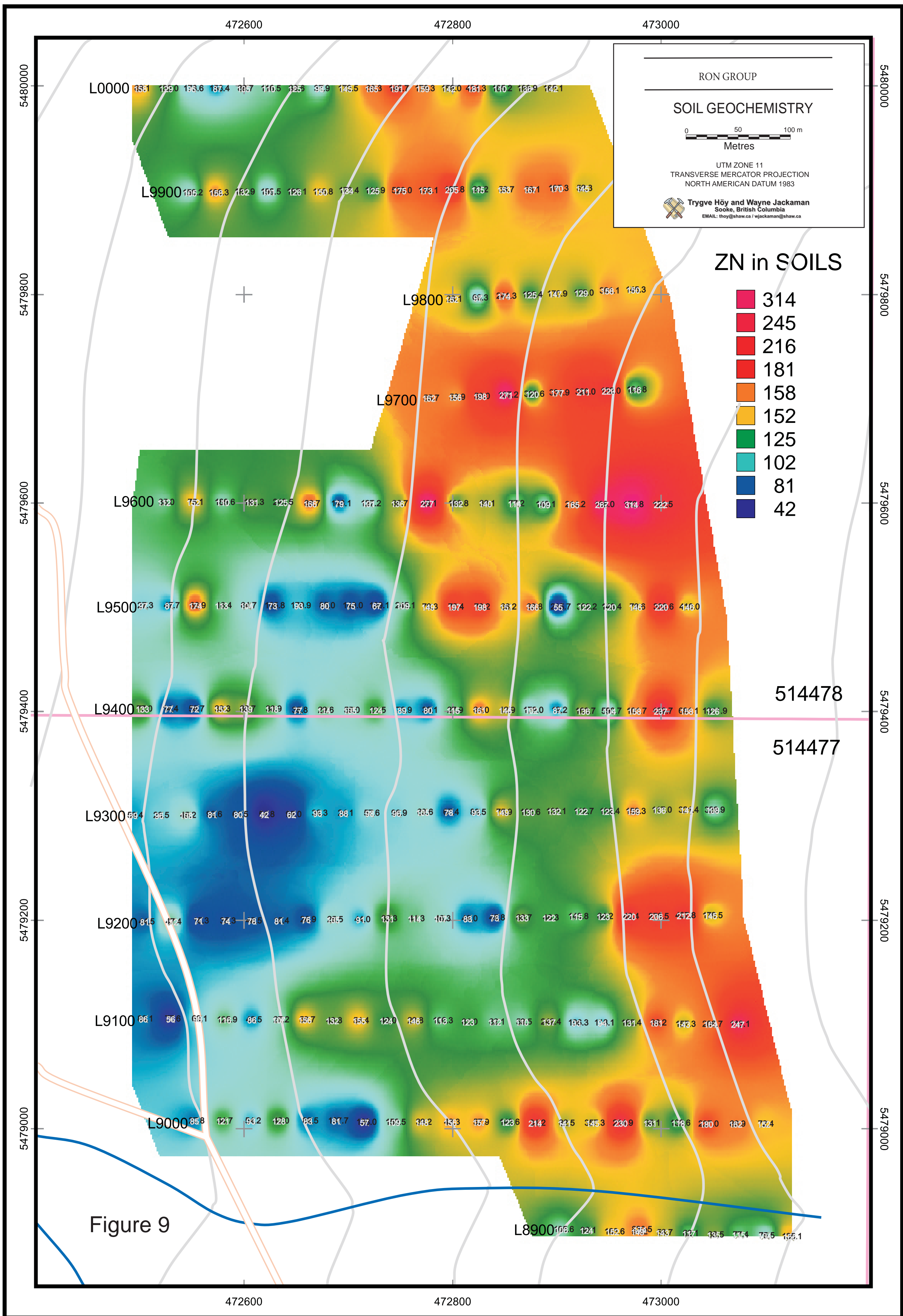


Figure 9

**ZN in SOILS**

- 314
- 245
- 216
- 181
- 158
- 152
- 125
- 102
- 81
- 42

RON GROUP

**SOIL GEOCHEMISTRY**

0 50 100 m  
Metres

UTM ZONE 11  
TRANSVERSE MERCATOR PROJECTION  
NORTH AMERICAN DATUM 1983

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