2013 Assessment Report
Van Gogh Claims

Silt, Soil and Rock Sampling

on the area within and around the

Van Gogh (East) claim block

(Van Gogh 73-82 Claims - Grant #s YD64052-YD64067)

Work was done on:

- **Van Gogh 85 - Grant # YD64064**
- **Van Gogh 86 - Grant # YD64065**
- **Van Gogh 88 - Grant # YD64067**

Claims Ownership - 100% Everett Van Krichbaum

Approximately 14 Km Southwest of Km 160, Robert Campbell Hwy.

Centered at UTM 9V 456750 E / 6785550N

July 6 - 19, 2013

Claims Map 105 H/04
Watson Lake Mining District

by Van Krichbaum

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1. INTRODUCTION

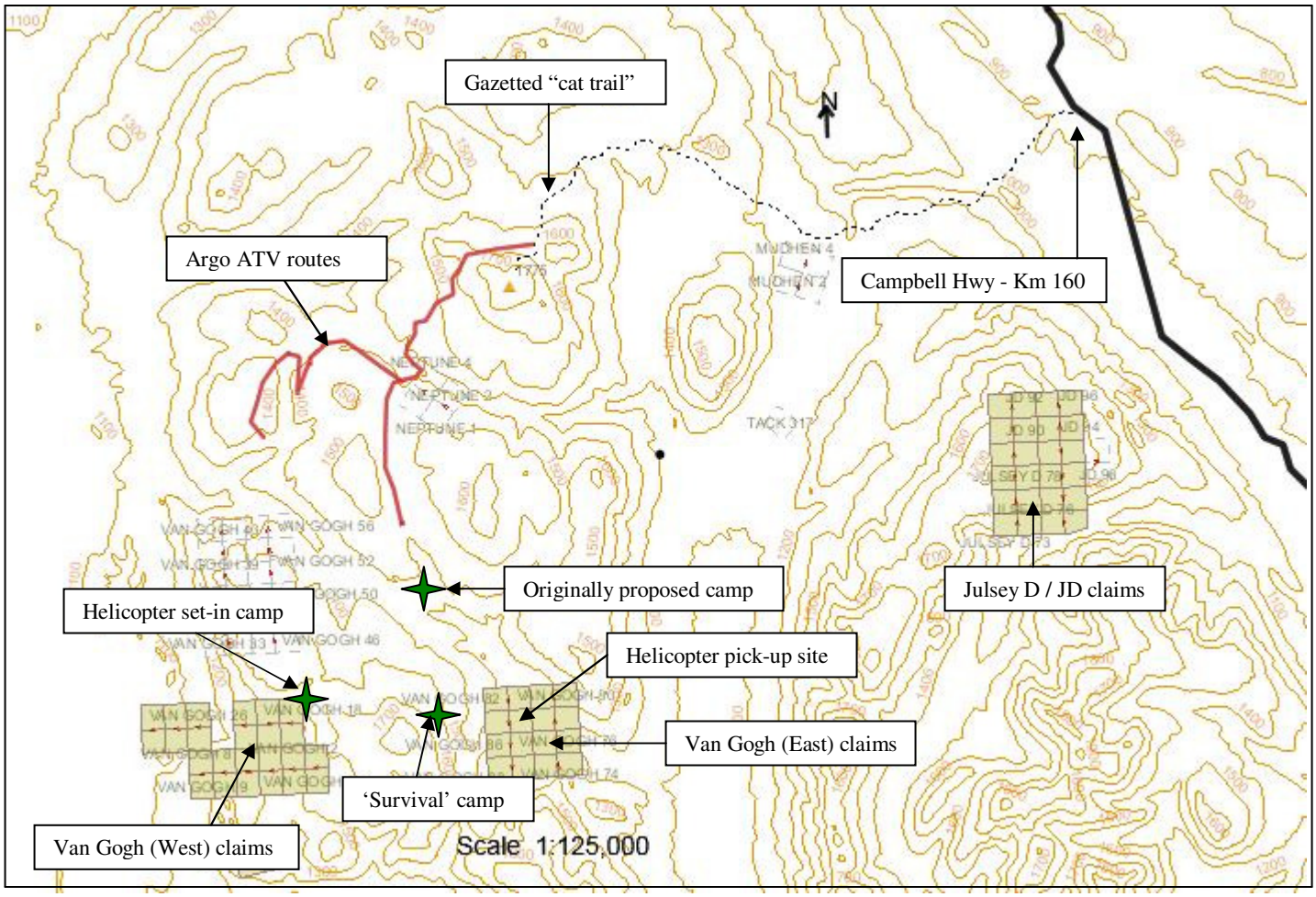
LOCATION & ACCESS

The Van Gogh (East and West) claim blocks will be submitted as two separate Assessment Reports for most aspects of this report. Although the work program was conducted on each separately, they shared the access transportation (ie. both were done in one trip). While both claim blocks share some geological features, they are also somewhat different in mineral potential deposit types. The two claim blocks are located approximately 18 Km west-southwest of Km 160 of the Robert Campbell Highway and will be referred to as Van Gogh (West) and Van Gogh (East).

The claims area and surrounding region covers the eastern slope of a rounded mountain plateau of the southern Campbell Range which rises to the west of the Robert Campbell Highway north of Tuchitua Junction. The 1600 metre mountain plateau rises 400 metres from the unnamed stream valley floor @ 1200 metres. The claims area slope is moderately to somewhat steeply east-facing down to the base of the unnamed stream valley. Treeline is approximately 1500m elevation.

Both Van Gogh claim blocks (Van Gogh (West) and Van Gogh (East)) were eventually accessed by helicopter after an unsuccessful attempt to reach the area by Argo ATV. The map on page 4 shows the 3 attempted access routes by Argo ATV. The 10 day work window before the pre-scheduled helicopter pickup was reduced due to several days of very adverse hypothermia-type weather that the helicopter pilot characterized as “horrific” at the 3Ace Northern Tiger camp where the helicopter was stationed. Sampling was correspondingly reduced for Van Gogh (East), and this report represents a best possible effort to complete the work program, although it falls short of the program work objectives. There was no possibility to extend the helicopter provided work window (and also stay on budget) due to lack of communication because we had no ‘sat’ phone. To have the helicopter come back days later to take us out would have increased the helicopter (transportation) component of this project by 50%.

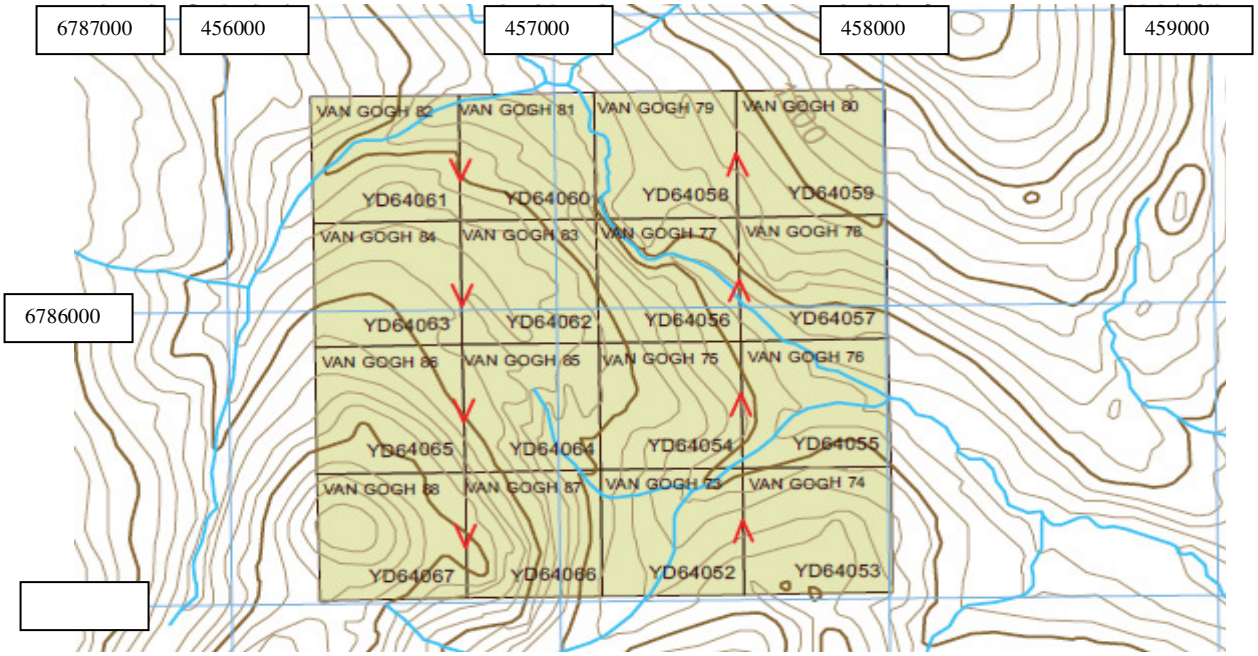
The two claim blocks work program called for soil, silt and rock sampling to be done from two separate base camps. The Van Gogh (West) claim block area was fairly well sampled within the 6 days allotted for this area, and base camp was attempted to be moved later on day 6 in adverse weather. During the move (on foot) we were caught in a severe very cold rainstorm above treeline and had to take shelter in the closest trees available. The weather then got progressively worse for the next three days with temperatures near 0°C with long periods of rain and ice fog - severe hypothermia conditions - that prevented moving camp. As a result the sampling at Van Gogh (East) was less than planned.



Map 1. Access, Camps and Argo ATV Traverses. *Map shows the three unsuccessful access attempts by Argo ATV (red line) from the western end point of finely dotted black line gazetted “cat-trail” from Km 160, Robert Campbell Hwy. Access was accomplished by utilizing the closest helicopter (from the nearby 3Ace camp) for a set-in and pick-up. The survival camp was necessary to escape hypothermia conditions when caught in the open and soaked by a large very cold rainstorm which persisted for 3 days.*

PROPERTY & CLAIM STATUS

Van Gogh (East)



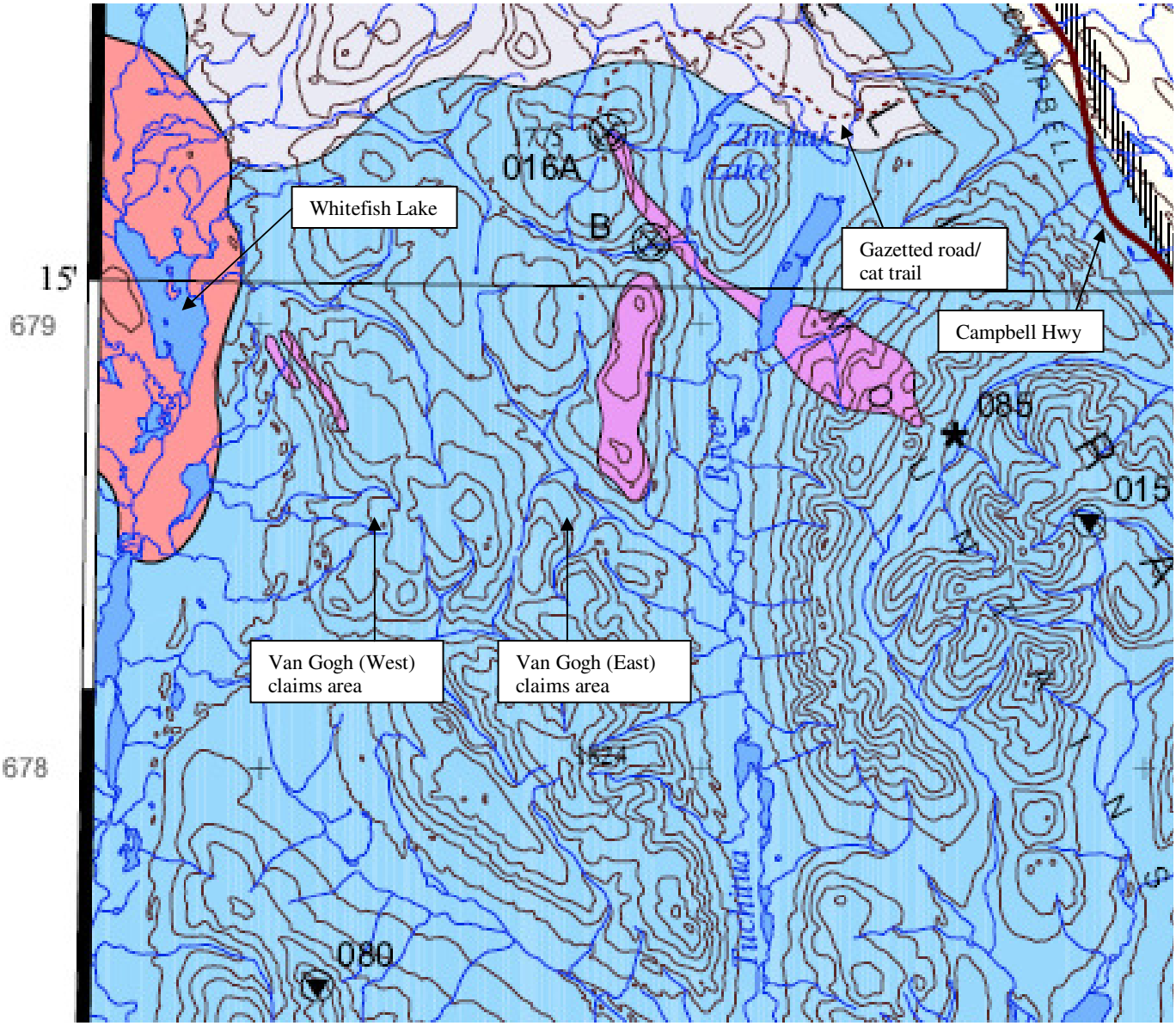
Map 2. Claims map, northwest corner of 105H/ 04. *Van Gogh (East) claims.*

Grant#	RegType	Claim Name	Claim #	Recording Date	Staking Date	Claim Expiry Date	Status
YD64052	Quartz	VAN GOGH	73	22/09/2011	08/09/2011	22/09/2014	Active
YD64053	Quartz	VAN GOGH	74	22/09/2011	08/09/2011	22/09/2014	Active
YD64054	Quartz	VAN GOGH	75	22/09/2011	08/09/2011	22/09/2015	Active
YD64055	Quartz	VAN GOGH	76	22/09/2011	08/09/2011	22/09/2015	Active
YD64056	Quartz	VAN GOGH	77	22/09/2011	08/09/2011	22/09/2015	Active
YD64057	Quartz	VAN GOGH	78	22/09/2011	08/09/2011	22/09/2015	Active
YD64058	Quartz	VAN GOGH	79	22/09/2011	08/09/2011	22/09/2015	Active
YD64059	Quartz	VAN GOGH	80	22/09/2011	08/09/2011	22/09/2014	Active
YD64060	Quartz	VAN GOGH	81	22/09/2011	08/09/2011	22/09/2014	Active
YD64061	Quartz	VAN GOGH	82	22/09/2011	08/09/2011	22/09/2014	Active
YD64062	Quartz	VAN GOGH	83	22/09/2011	08/09/2011	22/09/2014	Active
YD64063	Quartz	VAN GOGH	84	22/09/2011	08/09/2011	22/09/2014	Active
YD64064	Quartz	VAN GOGH	85	22/09/2011	08/09/2011	22/09/2014	Active
YD64065	Quartz	VAN GOGH	86	22/09/2011	08/09/2011	22/09/2014	Active
YD64066	Quartz	VAN GOGH	87	22/09/2011	08/09/2011	22/09/2014	Active
YD64067	Quartz	VAN GOGH	88	22/09/2011	08/09/2011	22/09/2014	Active

Table 1. VAN GOGH (East) Claims Ownership - 100% Everett Van Krichbaum

PREVIOUS WORK HISTORY

There appears to be no work history for the immediate Van Gogh (West) and Van Gogh (East) area as reported on the MinFile Occurrence Map below.



Map 3. Minfile Occurrence Map.

The nearest work histories for the immediate claims area as reported on the MinFile Occurrence Map are:

- Minfile Occurrence Numbers 105H 016A & 105H 016B were for Nephrite Jade.

- Minfile Occurrence Number 105H 080; Occurrence Name KNEIL; Occurrence Type Polymetallic Veins Ag-Pb-Zn+/-Au ; Location: 61° 6' 27" N -129° 54' 13" W; NTS Mapsheet 105H/04. Claims (Previous & current) CHIT, CHIT, JAYS, JAYS, KNEIL, TUA, TUA, TUC

  Staked as Kneil cl 1-48 (YA66651) and cl 51-60 (YA66699) in Jul/81 by Cyprus Anvil Mining Corporation, which performed mapping and geochemical sampling later in the year.

  Restaked within Chit cl 1-146 (YB51060) in Jul/94 by Cominco Ltd, following a regional airborne geophysical survey. The company staked Tua cl 1-23 (YB51037) 13 km to the east at the same time. Cominco carried out preliminary geological mapping and geochemical sampling on both properties and completed ground HLEM, magnetic and gravity geophysical surveys on the Tua claims. In Dec/94 Cominco staked Tua cl 24-71 (YB56931).

  In May/95 Cominco staked Jays cl 1-172 (YB59412) to the northeast. In 1995 the company carried out ground HLEM, magnetic and gravity surveys on the Chit claims followed by further geological mapping, prospecting and soil sampling. On the Jays claims, Cominco carried out a helicopter-borne geophysical survey and a silt sampling program. In Oct/95 Cominco staked Tua cl 75-122 (YB68990) and Jays cl 172-431 (YB63270). In Nov/95 the company staked Chit cl 147-216 (YB71033).

  In Jan/96 Cominco staked Tuc cl 1-84 (YB71767) 7 km to the northeast. The company added Tuc cl 85-96 (YB5735) in Jul/96. During the 1996 field season the company carried out a HLEM/Mag ground geophysics program on the Jay claims followed by detailed geological mapping, soil and rock sampling programs. On the Chit claims the company carried out detailed geological mapping, soil sampling and ground geophysics on 4 grids and on the Tua and Tuc claims limited geological mapping, geochemical sampling and prospecting programs.

  In Jul/97 Cominco carried out two days of detailed geological mapping to further define the area west of the Kneil showing.

Minfile Occurrence Number 105H 085; Occurrence Name BEANS; Occurrence Type Hard-rock; Location: 61°13'15" N -129°38'16" W; NTS Mapsheet 105H/04.

Claims (Previous & current) BEANS, CAMPBELL, CHIEF, GOFPHER, JADE, JOE, LIMA, PIKA, TACK, TRAPPER, JULSEY D

Beginning in Oct/83 the occurrence was staked within various small claim groups including Beans cl 1 (YA70692) by J. and H. Caesar, Pika cl 1-4 (YA70700) by H. Caesar, and Jade cl 1 (YA91081) by B. McGeorge. T. Dickson staked Joe cl 1 (YA71347) 3 km to the northwest in Jul-Sep/84.

H. Caesar, T. Dickson and others staked Campbell cl 1-2 (YA73625) 2 km to the north in Aug/85 and Jun/86. G. Edzerza staked Lima cl 1-4 (YA99397) 1 km northeast of the Jade claim in Sep/86. J. Chief tied on Chief cl 1-2 (YB14552) to the south in Jul/88. Later in the month, H. Caesar staked Gofpher cl 1 (YB14426) and D. Morris staked Trapper cl 1 (YB14427) beside the Jade claim. No assessment reports were filed for any of these claim groups.

Restaked within Tack cl 1-550 (YB78704) in Mar/96 by Westmin Resources Ltd, which explored with soil and stream sediment sampling later in the year. In Mar/98 Westmin was acquired by Boliden Ltd and in Sep/98 ownership in the claims was transferred to Boliden Westmin Limited. In Apr/99 the claims were transferred to Archer Cathro and Associates (1981) Ltd. The last remaining claims lapsed in Mar/2000.

The original claims were mostly staked over units located in the footwall of the Jules Creek Thrust. According to Murphy (2001) nephrite jade is locally developed near the basal contact of the ultramafic body (unit PPum) and is the presumed cause of the staking activity in the 1980's.

Wide spaced soil sampling by Westmin, searching for volcanogenic massive sulphide (VMS) deposits, yielded only spotty Cu (<195 ppm), Pb (<26 ppm) and Zn (<140ppm) values. Gold analysis returned only background values (Terry et al.,1997). Additional soil sampling by Westmin in 1997 yielded a small gold in soil anomaly (<90 ppb) over a chert - ultramafic contact (Terry et al, 1998). Spotty soil anomalies were returned for Cu (<105 ppm), Pb (<36 ppm) and a small coherent, multi sample, anomaly for Zn (<1125 ppm). Geologic mapping by Westmin in 1996 and 1997 failed to locate stratigraphy similar to that hosting the Wolverine VMS deposit (Minfile Occurrence #105G 072) and the Tack claims were allowed to gradually lapse.

2013 WORK PROGRAM

On July 6, 2013 access was attempted to reach the area of the two Van Gogh claim by 8 wheel Argo utilizing the gazetted cat trail at Km 160 to the West of the Campbell Highway and over-land to try to get to the proposed base camp 3.5 km north-northwest of the Van Gogh (East) claims, but the previous route taken was not found. Other possible routes were explored but did not provide secure access because steepness of terrain meant that access downhill to the proposed camp area was probably possible, but did not have a guarantee of a successful return route back up the steep slopes. Due to the access problem using the Argo, this method of access (Argo) was changed in favor of helicopter access.

After getting funding permission from YMIP, a helicopter was chartered from the 3Ace camp for a drop in for camp and crew access, and a corresponding pick up for access out. A 10 day window including set out and pick up was all that was possible, so all sampling work was done from July 14 - 23, 2013. Work on the Van Gogh claims and immediate area was carried out by a 2 person prospecting / sampling crew.

Prospecting was carried out by walking the ground, observing outcrops, etc. using standard prospecting tools. The geochemical survey consisted of sampling silts, soils and rocks that were assayed later in the fall. Most silts were collected from gullies that could have been potentially active waterflows. The GPS waypoint location # was marked on the kraft 4x10 in. silt sample bag with indelible ink. Soils were collected from the B horizon approximately 20 cm deep, with rootlets and any larger stones discarded first. The GPS waypoint location # was also marked on the kraft 4x10 in. soil sample bag with indelible ink. Any notable conditions such as unusual soil colour were recorded in the journal. Most rocks were collected from exposed bedrock. Grab samples were from colluvial float. The analytical results for these silt, soil and rock samples are included in the Appendix of this report along with a table of their UTM coordinates.

Most traverses and soil samples were taken on high-ground / ridges. Bedrock was prospected where encountered for visible mineralization. Within the Van Gogh (East) claim block most of the silt samples collected were taken in gullies which had no active waterflow streambed. They could be described as ‘soil samples’. The other silt sample (Site #406) was taken where the traverse crossed an active watercourse. Most rocks were collected from exposed bedrock. The Van Gogh (East) work program was brief and consisted of silt, soil and rock sampling.

Geophysical magnetic maps were examined "on line" from the Yukon MapMaker Online website and are presented in the Regional Geology section along with regional geology mapping by Murphy (2000).

SAMPLE PREPARATION *&* ANALYTICAL PROCEDURES

Samples were sent for assay to Acme Analytical Lab in Vancouver, B.C. Soil samples were assayed for 36 elements by the ICP-MS method 'Group 1DX2', using the 15g split size (instead of the 0.5g) for more representative Au analysis. Sample splits were leached in hot (95°C) Aqua Regia. Refractory and graphitic samples possibly limited Au solubility. Sample analysis quality control was done by Acme Analytical Labs inserting blanks and running duplicates. Quality control results are presented in the Appendix with the Acme assay certificates.

2. REGIONAL GEOLOGY

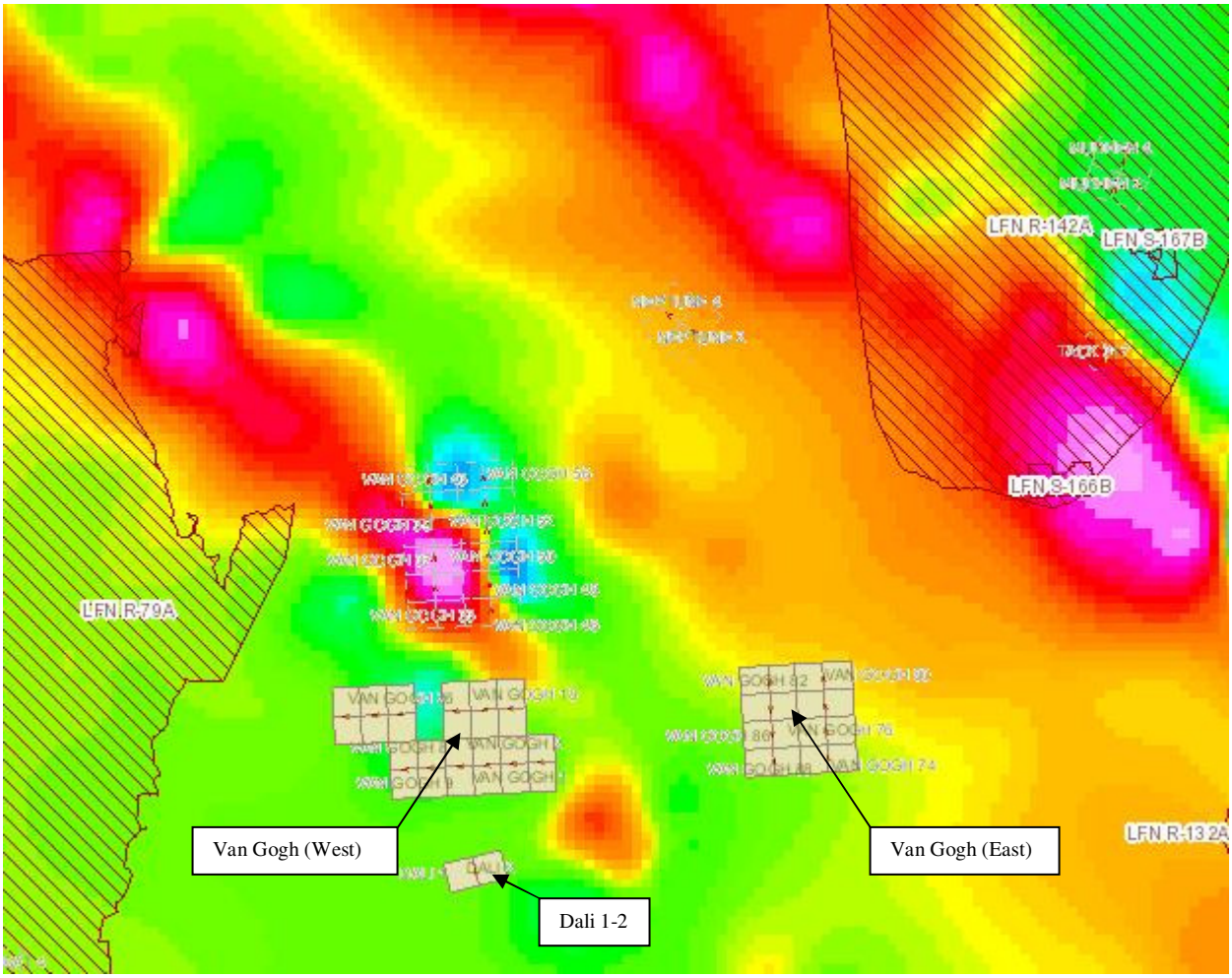
The Finlayson Lake district is underlain by the Yukon-Tanana Terrane: a Late Proterozoic to Paleozoic metamorphosed volcano-sedimentary assemblage. This terrane hosts several known volcanogenic massive sulphide (VMS) deposits and occurrences, including Kudz Ze Kayah (Minfile Occurrence #105G 117), Wolverine (Minfile Occur. #105G 072) and Ice (Minfile Occur. #105G 118).

The Yukon -Tanana Terrane in the Frances Lake area consists of several fault or unconformity-bound successions. These rock packages are bound to the southwest by the Tintina Fault zone and on the northeast by the Finlayson Lake Linear. Prominent regional scale thrust faults are along the Jules Creek Thrust.

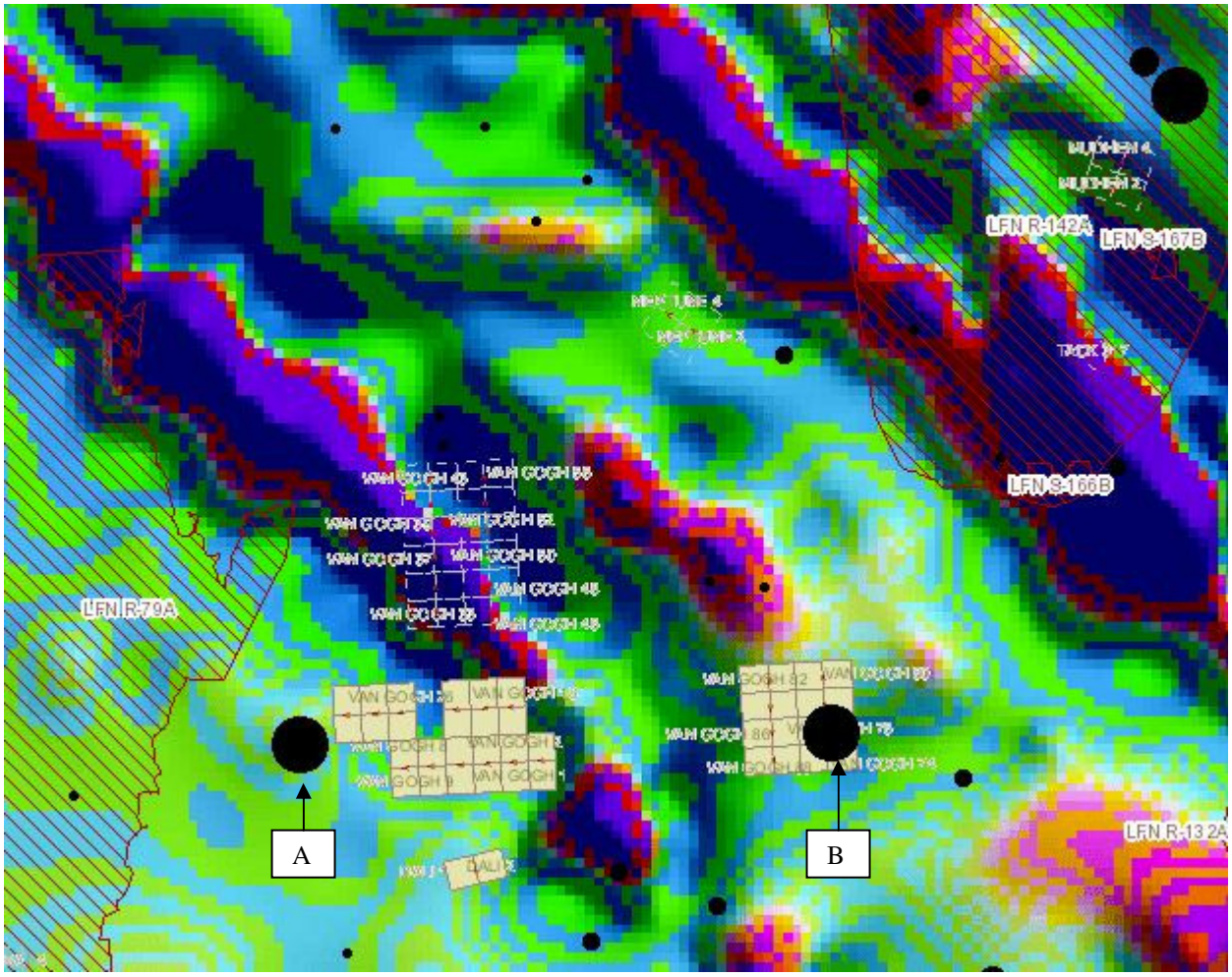
Devine et al. (2004) reports the southern Campbell Range is underlain by greenschist facies volcaniclastic, epiclastic and sedimentary units of the Tuchitua River and Money Creek formations. Stratigraphy is deformed by at least three syn- to post-Early Permian folding events. Northwest-striking, high-angle faults imbricate the folded metasedimentary package with sheets of serpentinite. These rocks are juxtaposed against basinal rocks of the Fortin Creek group to the east, along the Jules Creek Thrust fault.

The area at Van Gogh (East) is underlain by a sequence of Devonian to Mississippian metavolcanic and metasedimentary rocks which have not yet been assigned a specific succession. These rocks are overlain by Pennsylvanian to Permian mafic and ultramafic rocks formerly believed to belong to the Slide Mountain Terrane, but recently assigned by Murphy and Piercey (2000) to the Campbell Range Succession. Murphy and Piercey's work suggests that the contact between the two units is depositional in nature and that the entire package, including the Campbell Range Succession represents a transitional island arc/continental arc to marginal basin/ocean (back-arc?) basin environment and together constitute Yukon-Tanana Terrane.

The Van Gogh (East) regional residual total field aeromag map below and the 1st vertical derivative aeromag map on the next page show prominent northwest linear trends in the regional geology. Both maps were acquired from the Yukon MapMaker Online website.



Map 4. Residual Total Field Aeromag. *Van Gogh (East) regional area showing prominent Northwest linear trends in the regional geology. (From Yukon MapMaker Online web site).*



Map 5. 1st Vertical Derivative Aeromag. *Van Gogh (East) regional area showing prominent Northwest linear trends in the regional geology. 'A' and 'B' are multi-element 95 - 99th percentile RGS silt sediments anomalies for Yukon-Tanana. (From Yukon MapMaker Online web site).*

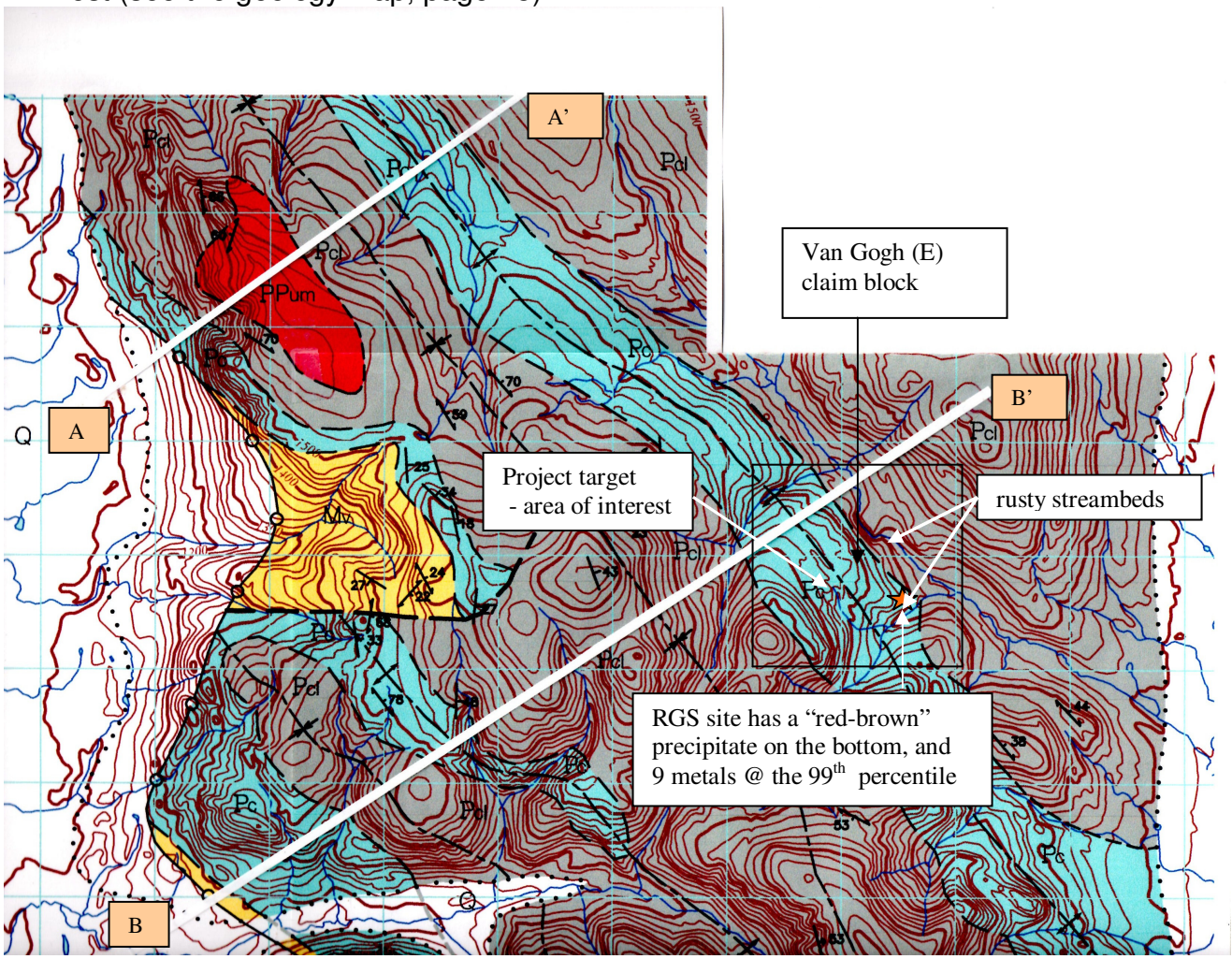
The regional area is very anomalous for Hg at almost all RGS silt sites. Two RGS silt samples in the area (marked 'A' and 'B') had multi-element 95th 98th and 99th percentile anomalies for Yukon-Tanana.

The property area geology and the soil, silt and rock sampling sites and results will be discussed in this report for the Van Gogh (East) area.

All percentiles referred to in this report are based on the Yukon-Tanana RGS Silt Percentile Threshold Cut-offs Table in the Appendix. They refer to previous (2011) samples by Northern Tiger Resources (NTR) and to the Yukon Gov. RGS silts.

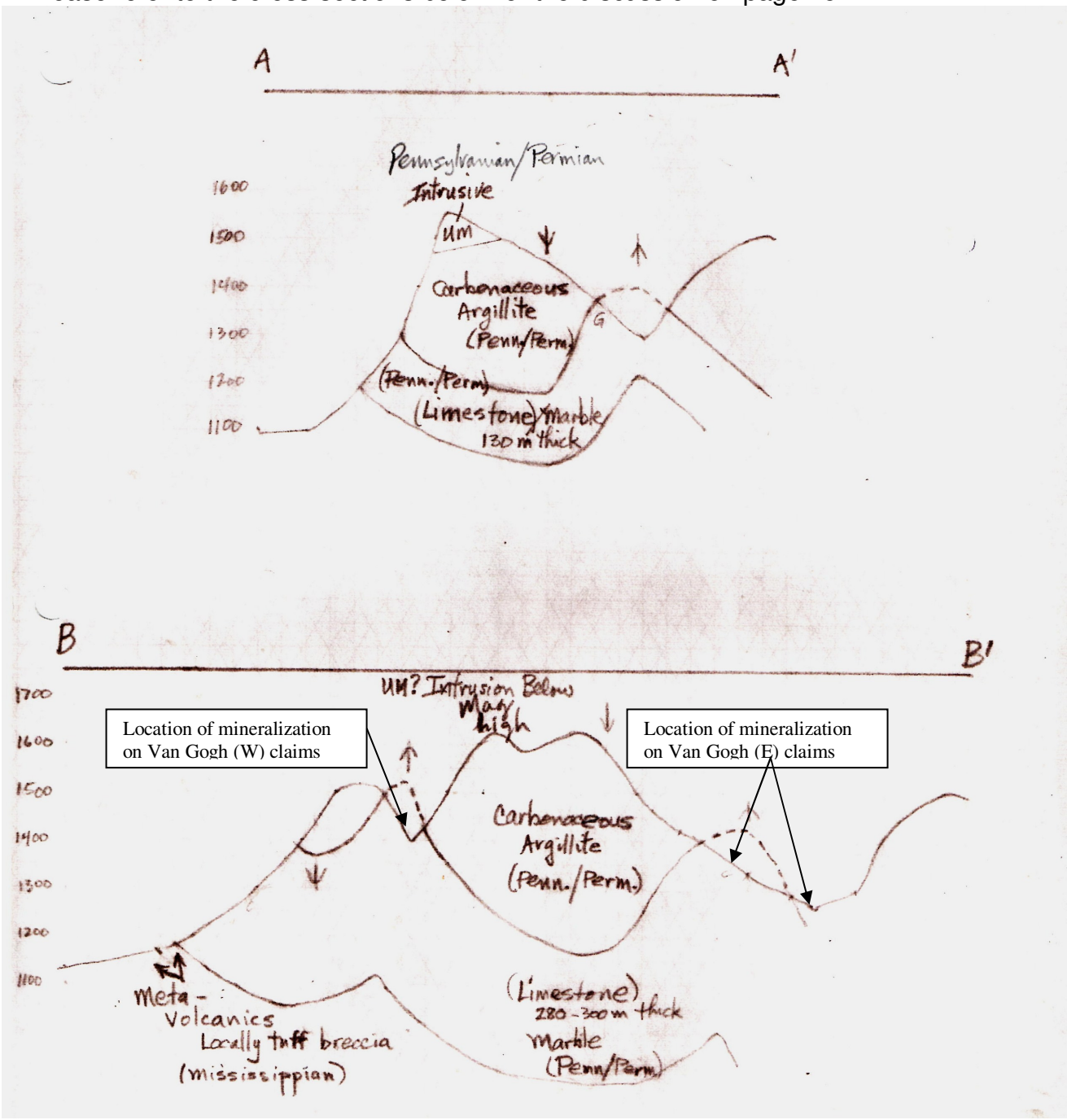
3. PROPERTY GEOLOGY - Van Gogh (East) Area

Claim staking in 2011 identified one gossanous silt site just downstream of an abundant angular chalcopyrite and pyrite sulphide mineralized rock site at the streambed. The regional northwest structural alignment is easily seen in the aeromag maps on pages 11-12 and on the Van Gogh area geology map below. Structural folding locally consists of two anticlines and two synclines over a horizontal distance of 5 km. The area of primary interest is a linear anticline carbonate unit Pc and the contact with Unit Pcl that occurs in the Van Gogh (E) claim block. VMS and Au pathfinders occur in RGS and 2011 NTR silt samples and at the 2011 NTR rock site 20939 sulphide mineralized boulders occur in the streambed. This mineralized occurrence is on strike with the E-W fault on the southern border of unit M**V** to the west (see the geology map, page 18).



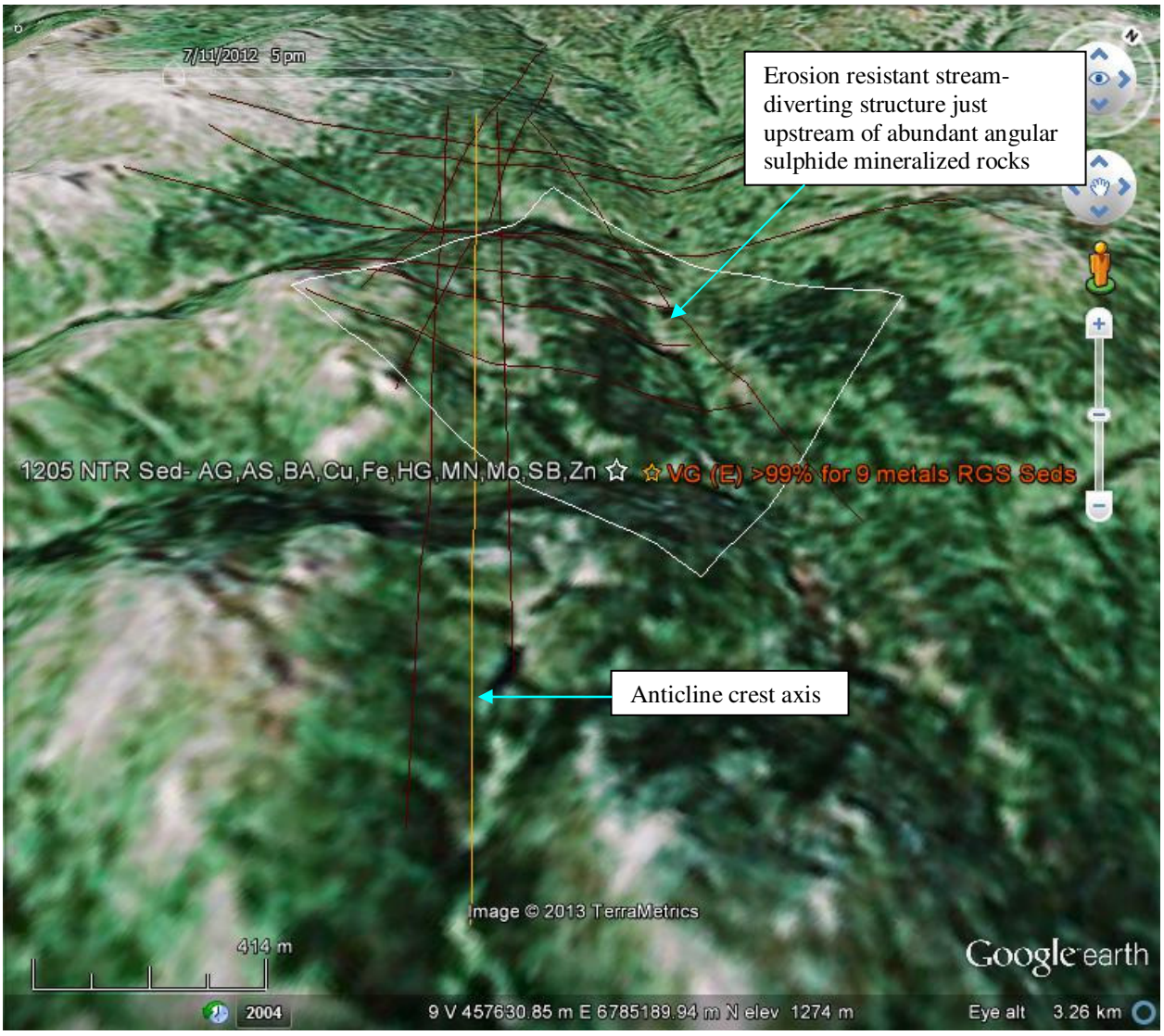
Map 6. Locations of Cross-section Lines A-A', B-B'. *There are not many strike-dip symbols to use to construct the 2 cross-sections, but there are some, particularly along cross-section line B-B'. Elevations were used along with the strike-dip symbols to construct the correct thickness of the various layers in the cross-section for the diagram on the next page.*

Please refer to the cross-sections below for the discussion on page 15.



Cross-section 1. Cross-sections at Lines A-A', B-B'. *View looking NNW. Layers are to scale but exaggerated vertically 6X. The aeromag high follows a SSE direction under the point noted above for line B-B'. The Van Gogh (E) claim block is approximately on B-B' at the right anticline for Limestone / Marble.*

What is impressive in the cross-section (on page 14) is the thickness of the carbonate package. Along the northern line A-A' the carbonate package is approximately 130 m thick. However, the thickness increases markedly as one goes southeast toward the Van Gogh (E) claims, reaching approximately 280-300 m thickness. This greatly improves the deposit size potential for carbonate hosted mineral deposits for Van Gogh (E). Further amplifying the potential, the carbonate anticline structure for Van Gogh (E) has many parallel on-strike recessional surface linements (faults?) visible even at the low resolution of Google Earth, along the anticline crest. Please refer to the image below.

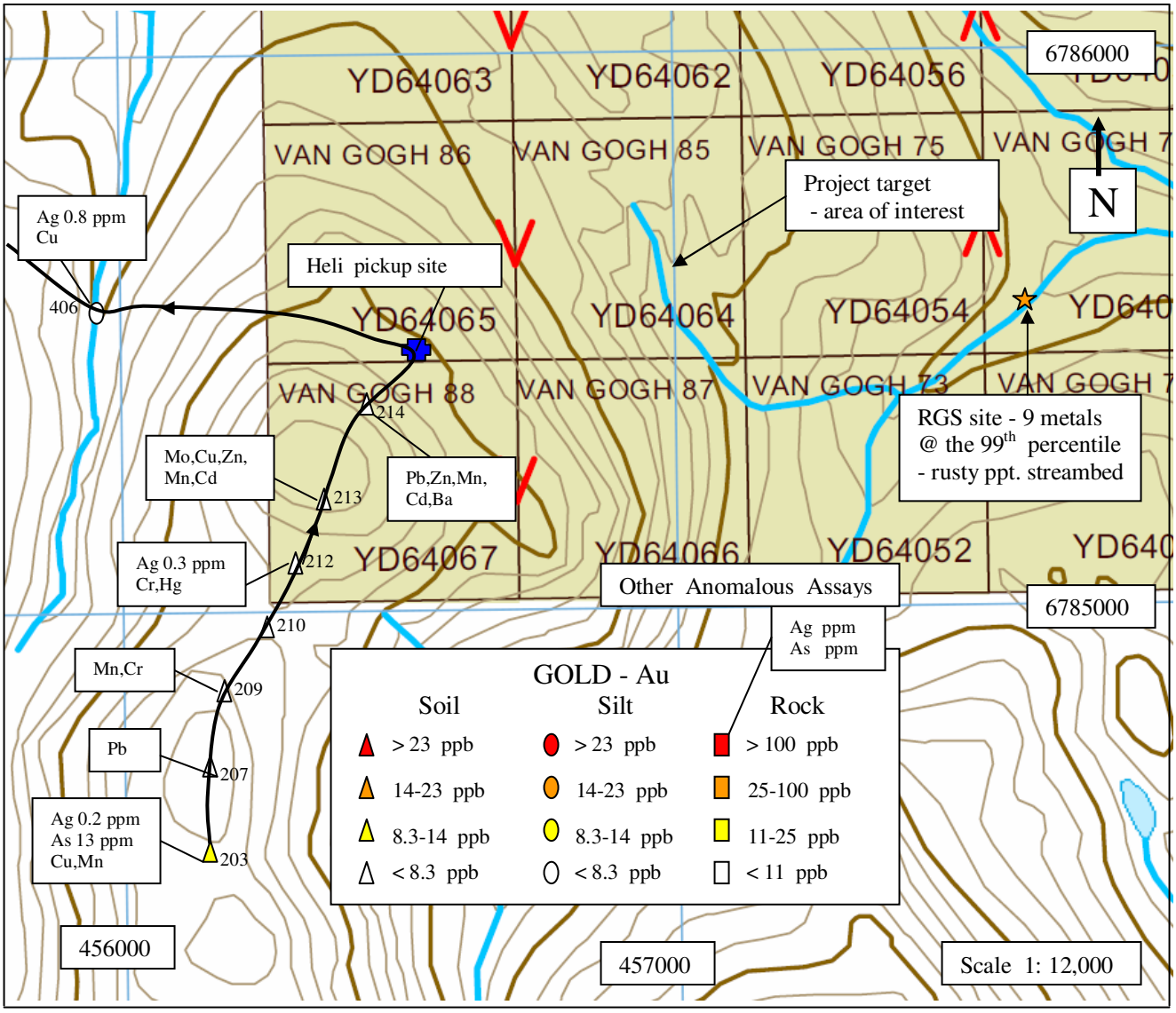


Map 7. Van Gogh (E) Area Recessional Features. *The area has many linear recessive linements (faults?) (coloured brown) parallel to the stream and at the crest of the carbonate anticline (coloured yellow gold) which is to the west of the main stream. Other recessional features (faults?) intersect the carbonate anticline crest axis. BOLD assay highlights are 98-99th percentile (ex. HG), normal are 90-95th percentile (ex. Fe). View looking NNW.*

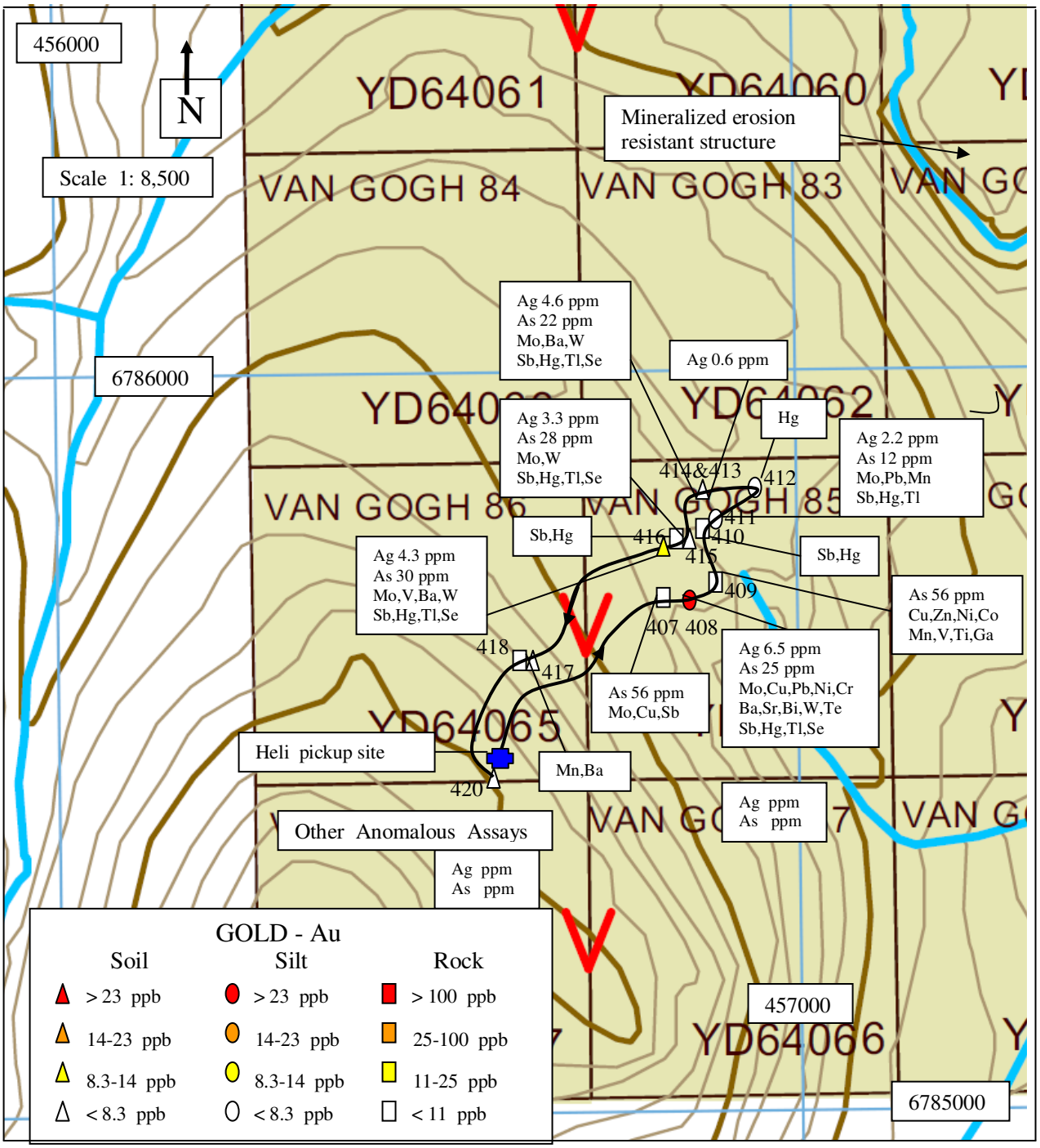
4. SOIL, SILT and ROCK SAMPLES - Van Gogh (East) Area

PRESENTATION OF RESULTS

In general, soil samples were taken in the Van Gogh (East) area on ridges / high ground or along carbonate anticline crests as presented by the geological mapping of Murphy, Open File 2000-16. Silt samples were taken from stream gullies that were near to and parallel with the carbonate anticline crest axis that was a primary target for this project on Van Gogh (East).



Map 8. VGE Southwest Ridge Traverse. *Traverse is bold black line with directional arrows. GPS waypoint # of sample matches the assay #. This area is basically poorly unmineralized along the traverse sampling line. It is weakly anomalous for Cu,Zn, and Mn at a few sample sites, and weakly anomalous for gold at the beginning of the traverse. Perhaps more soil sampling south of the traverse line would reveal a gold mineralized area.*

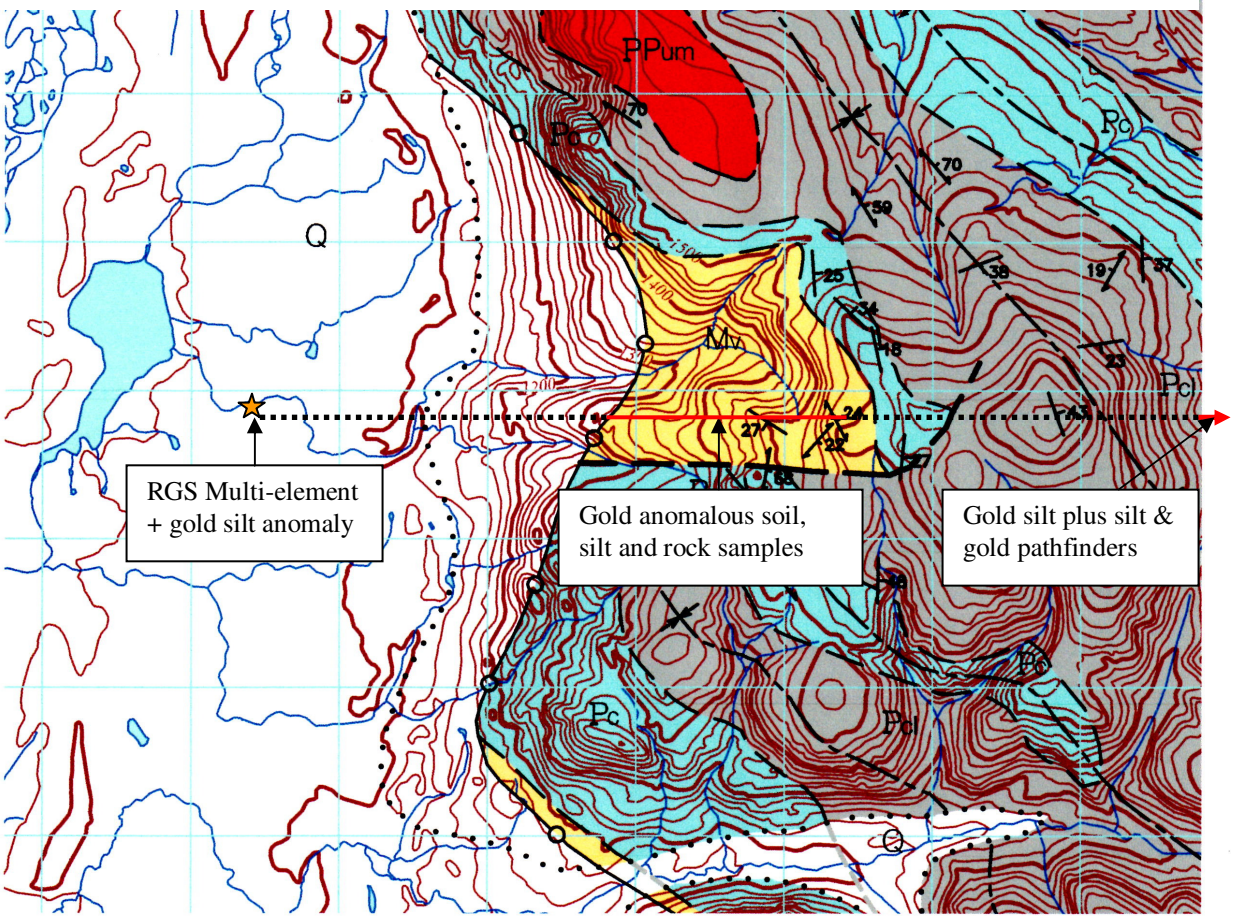


Map 9. VGE Carbonate GulliesTraverse. *Traverse is bold black line with directional arrows. GPS waypoint # of sample matches the assay. This traverse covers a primary target for this project, the recessional gullies and ridges (structures?) that are parallel to and next to the linear carbonate anticline crest (see Google Earth image, page 15). Results are positive, especially for the possibility for Carlin type carbonate hosted gold. The 53 ppb gold silt assay is anomalous for gold @ 98th percentile and anomalous for Carlin gold pathfinders - As, Sb, Hg and Tl (+Se), and near the RGS silt anomalous for 9 metals @ 99th percentile (map, page 13). Further sampling is highly recommended.*

5. DISCUSSION

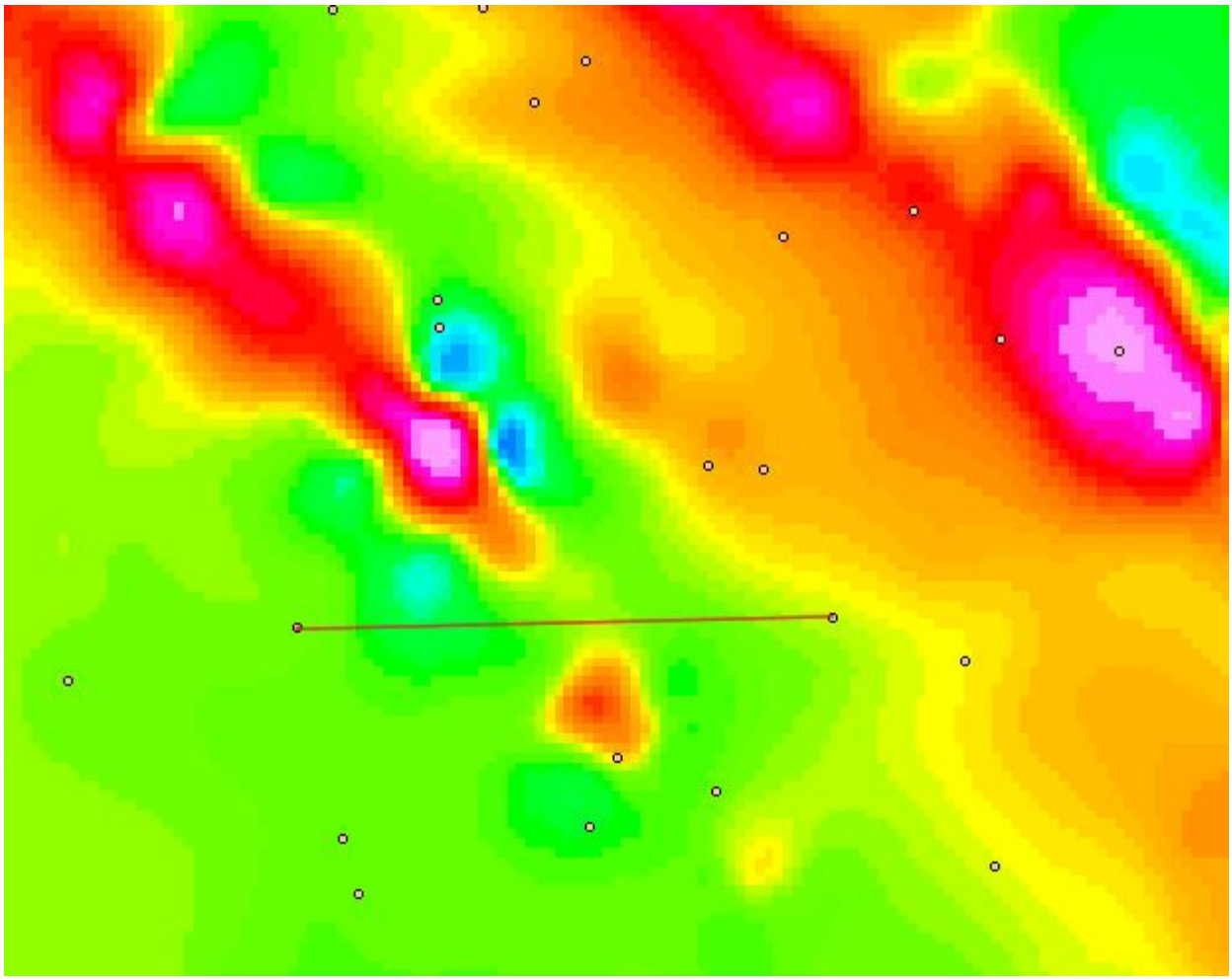
GENERAL

The RGS silt sample data on the Yukon MapMaker Online website for the west-facing basin that comprises the majority of the Van Gogh (West) property is very anomalous for several elements. That site was anomalous at the 95th percentile for Au, Sb, Fe, Mn and very anomalous at the 98th percentile for Hg, Fe, Cu, Cd, and Zn. The RGS silt sample for the east-facing basin just east of the red arrow tip is also very anomalous for 9 major elements at the 99th percentile. The dotted and red line between these 2 exceptionally anomalous RGS samples is in direct alignment with gold mineralized samples from this project in both Van Gogh (West) and Van Gogh (East). This gold mineralized trend parallels the fault structure of Murphy's geological mapping in Open File 2000-16. This suggests the possibility of a mineralized deep seated regional fault along this line.



Map 10. Structural Interpretation Based on Project Results.

The possibility of a mineralized deep seated regional fault along this line is further amplified by the YGS MapMaker Online mapping of the residual total magnetic field (200m). This is shown on the map below.



Map 11. Residual Total Magnetic Field (200m). *The 2 very anomalous multi-element RGS silt samples discussed on page 18 are the 2 RGS sample locations' circles at the 2 ends of the red line on this map. This red line is the same as the line shown on Map 10 'Structural Interpretation Based on Project Results' on the previous page. The linear aeromag high is interrupted and possibly slightly offset by the proposed mineralized deep seated regional fault along this red line.*

VAN GOGH (EAST)

The geology map on page 13 shows the northwest trending linear carbonate Unit **Pc** that is one of the main targets for the Van Gogh (East) claim area. The main project target for sampling the Van Gogh (East) claims was the carbonate anticline crest axis that is near the center of the claims. The topo lines on the claim map on page 5 shows a surface disrupted by a series of northwest trending gullies and ridges on the Van Gogh 85 claim that appear to be structural features. These are just offset of and parallel to the carbonate anticline crest as mapped by Murphy (2000).

The VGE Southwest Ridge Traverse is weakly anomalous for Cu, Zn, and Mn at a few sample sites, and weakly anomalous for gold at the beginning of the traverse. The **Pcl** Unit so far seems weakly or poorly unmineralized. Perhaps more soil sampling south of the traverse line would reveal more gold mineralization.

The VGE Carbonate Gullies Traverse results validated the target selection for this project. The 53 ppb gold silt assay (VG(E)-SED-13-408) at site #408 is anomalous for gold @98th percentile for Yukon-Tanana and it and several nearby samples are anomalous for the geochemical signature Carlin gold pathfinders - As, Sb, Hg and Tl. Site #408 is also extremely anomalous for vanadium as is the nearby soil sample at site #416. Further sampling is very highly recommended.

Schroeter et al. (1996) report that the alteration mineralogy for carbonate-hosted disseminated Au-Ag is strongly controlled by local stratigraphic and structural features, and deep structural faulting. The northwest trending gullies and ridges on the Van Gogh 85 claim appear to be structural features, and these are just offset of and parallel to the linear carbonate anticline crest (stratigraphy) as mapped by Murphy (2000). Additionally, they are on line with the proposed regional deep seated mineralized fault presented on pages 18-19. Another prominent structural feature that may be important is the erosion resistant stream diverting bluff to the northeast that shows in the upper right corner of Map 9, page 17. Its projection is directly in line with the carbonate 'gullies and ridges' target. The stream gorge was rusty (mineralized?) when viewed from the helicopter, and is the likely source of the abundant angular mineralized rock reported in 2011 by the Northern Tiger Resources stakers from the streambed just downstream.

Besides being very anomalous for Au and Carlin gold pathfinders, the silt sample VG(E)-SED-13-408 is so exceptional in Ag and Hg that I don't know quite what to make of it. Both Ag and Hg exceed the entire Yukon-Tanana database for RGS silt samples - in other words, they exceed the maximum reported values for **ALL 8000+** Yukon-Tanana RGS silt samples for Ag and Hg in the Yukon-Tanana RGS Silt Percentile Threshold Cut-offs Table in the Appendix. The Ag assay exceeds the Yukon-Tanana RGS max by a factor of 2 and the Hg by a factor of 3. Either there was a really big error at the assay lab or something exceptional is happening at site #408. This area continues to be a very high priority target for Van Gogh (East).

VAN GOGH (EAST) SUMMARY

1. The **Pcl** Unit for the VGE Southwest Ridge Traverse so far seems weakly or poorly unmineralized based on sampling results. This fits with what I expected, but such a generalization can not be made from just one traverse.

2. The VGE Carbonate Gullies Traverse appears to have resulted in a discovery of a silver enriched Carlin type gold or carbonate-hosted disseminated Au-Ag type deposit area. Au, Ag and the Carlin Au pathfinders As, Sb, Hg and Tl were found in a structurally disrupted carbonate anticline near the axis crest.

6. CONCLUSIONS

The carbonate 'gullies and ridges' assay results for Au-Ag and Carlin type gold pathfinders point to a possible candidate for a Carlin type gold deposit ie. a carbonate-hosted disseminated Au-Ag deposit type gold deposit. The Ag and Hg levels at the most anomalous Au and Au site (#408) are beyond exceptional, and could be described as phenomenal. The site has other Carlin features as well - carbonate anticlines, proximity to the anticline crest, structural depressions parallel to the anticline axis, and on line with a proposed mineralized deep seated structural fault, all within an area with strong northwest regional structural alignment.

7. RECOMMENDATIONS

- No further work is warranted for the VGE Southwest Ridge Traverse except perhaps more soil sampling south of the traverse line would reveal a gold mineralized area. Only the most southerly soil sample was anomalous for Au.

- Further sampling is very highly recommended for the VGE Carbonate Gullies Traverse area, especially in the vicinity of site #408.

- Sampling and prospecting is very highly recommended for the the multi-element anomalous RGS and minerized stream-bed to the east of site #408 within the Van Gogh (East) claim block .

8. REFERENCES

Devine, F., Murphy, D.C., Kennedy, R., Tizzard, A.M. and Carr, S.D., 2004. Geological setting of retrogressed eclogite and jade in the southern Campbell Range: Preliminary structure and stratigraphy, Frances Lake area (NTS 105H), southeastern Yukon. *In:* Yukon Exploration and Geology 2003, D.S. Emond and L.L. Lewis (eds.), Yukon Geological Survey, p. 89-105.

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Westmin Resources Ltd, May/97. Assess. Report #093622 by D.A. Terry, A. Turner, T.L. Tucker and G. Bradshaw.

Westmin Resources Ltd, May/98. Assess. Report #093799 by D.A. Terry, D. Gale, N.A. Duke.

Yukon MINFILE - Mineral Occurrence Map: 105 H & 95 E - Frances Lake and Western Half of Flat River, (1: 250 000 scale), Version 2004-1. Yukon Geological Survey, Energy, Mines and Resources, Yukon Government, 2004.

9. STATEMENT OF EXPENDITURES - Van Gogh (East) portion only

Where expenses were shared between Van Gogh (West) and Van Gogh (East), the total for that item is multiplied by ½.

Expense Items	Comment	Units	Rate	Subtotal	Totals
Exploration Personnel	Field Days (list actual days)	Days	Rate	Subtotal	
Geo-tech	July 6-11(3), July 20-23 (4), 2013	7	$350/day	$2450.00	
Assistant/labourer	July 6-11(3), July 20-23 (4), 2013	7	$250/day	$1750.00	
					$ 4200.00
Equipment and Fuel		Days	Rate	Subtotal	
4X4 truck		2 (x1/2) = 1	$50/day	$ 50.00	
Argo 8 wheel industrial ATV		6 (x1/2) = 3	$56/day	$ 168.00	
Argo transport trailer		2 (x1/2) = 1	$16/day	$ 16.00	
Fuel for Argo	Gasoline $181.25	(x1/2)	Receipt	$ 90.63	
Helicopter set in and pick up	Heli-Dynamics $3866.94	(x1/2)	Receipt	$ 1933.47	
					$ 2258.10
Geochemical Surveying	Assayer	# samples	Rate	Subtotal	
Soil samples	Acme Labs	14	$ 25.03 ea	$30.42	
Silt samples	Acme Labs	4	$ 25.03 ea	$100.12	
Rock samples	Acme Labs	5	$ 25.89 ea.	$129.45	
					$ 259.99
Accommodation & Food	# of Person Days	Person Days	Rate	Subtotal	
Camp (incl. GPS, chain saw)	2 persons X 7 days	14	$100/day	$ 1400.00	
	= 14 Person Days				
					$ 1400.00
Office work		Hours	Rate	Subtotal	
Report Writing	Includes writing, mapping, printing,	33 hr	$30/hr	$990.00	
	sending hardcopy and digital copy				
					$ 990.00
				Total =	$ 9108.09

Table 3. Statement of Expenditures

10. STATEMENT OF QUALIFICATIONS

- 34 years experience doing geological prospecting in Yukon.
- Author of several Yukon YMIP reports on mineral property evaluations or grassroots prospecting programs, plus previous Yukon assessment reports.
- 13 years Geology teaching experience at first year University equivalent.
- Past operator of one mine property in Yukon (for Nephrite Jade).
- Owner of 71 Yukon quartz claims.
- Many geological short courses including ones on diamonds, platinum, geophysics, glacial drift prospecting, VMS deposits, rare earth elements, MMI, exploration geochemistry, and several on gold exploration.
- Exploration manager and technical report writer for Crusader Gold in B.C. 2007-2013, including ARIS Reports 28546, 30293, and 31281.
- BSc degree in Biology, (including some university geology courses)

"Everett Van Krichbaum", Mar.17, 2014

11. APPENDICES

UTM SAMPLE LOCATIONS - Van Gogh (East)

Assay Sample #	Sample type (Rock, silt, soil)	UTM Zone 9V, NAD 83 Easterly	Northerly
VG(E)-13-S-203	Soil	456117	6784697
VG(E)-13-S-207	Soil	456166	6784779
VG(E)-13-S-209	Soil	456177	6784853
VG(E)-13-S-210	Soil	456194	6784928
VG(E)-13-S-212	Soil	456240	6785029
VG(E)-13-S-213	Soil	456307	6785096
VG(E)-13-S-214	Soil	456333	6785166
VG(E)-13-S-216	Soil	456449	6785356
VG(E)-13-S-413	Soil	456840	6785828
VG(E)-13-S-414	Soil	456834	6785827
VG(E)-13-S-415	Soil	456823	6785786
VG(E)-13-S-416	Soil	456798	6785780
VG(E)-13-S-417	Soil	456614	6785640
VG(E)-13-S-420	Soil	456567	6785455

Assay Sample #	Sample type (Rock, silt, soil)	UTM Zone 9V Easterly	Northerly
VG(E)-13-SED-406	Silt	455955	6785598
VG(E)-13-SED-408	Silt	456818	6785693
VG(E)-13-SED-411	Silt	456841	6785806
VG(E)-13-SED-412	Silt	456888	6785829

Assay Sample #	Sample type (Rock, silt, soil)	UTM Zone 9V, NAD 83 Easterly	Northerly
VGE-13-R407	Rock	456778	6785698
VGE-13-R409	Rock	456844	6785738
VGE-13-R410	Rock	456833	6785798
VGE-13-R416	Rock	456798	6785780
VGE-13-R418	Rock	456568	6785635

Table 2. Sample Locations - Van Gogh (East) Claims

SOIL ASSAYS - Van Gogh (East) and Van Gogh (West) assays were done together (combined), and can not be easily separated, so they are both presented here.

Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

www.acmelab.com

Client: DBA Advantage Geoconsulting
Box 382
New Denver BC V0G 1S0 CANADA

Submitted By: Van Krichbaum
Receiving Lab: Canada-Whitehorse
Received: July 25, 2013
Report Date: August 20, 2013
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI13000183.1

CLIENT JOB INFORMATION

Project: Van Gogh
Shipment ID:
P.O. Number
Number of Samples: 82

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	82	Dry at 60C			WHI
SS80	82	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	82	Saving all or part of Soil Reject			WHI
1DX2	82	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: DBA Advantage Geoconsulting
Box 382
New Denver BC V0G 1S0
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Country Manager - Canada

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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

SOIL ASSAYS

CERTIFICATE OF ANALYSIS WHI13000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VG(W)-13-S-143	Soil	1.3	8.5	14.3	46	<0.1	11.6	5.7	605	2.07	5.8	11.6	5.1	7	0.1	0.6	0.3	52	0.05	0.035	18
VG(W)-13-S-144	Soil	1.8	10.4	43.6	87	<0.1	16.2	4.3	196	2.05	6.9	13.3	8.9	19	0.2	0.7	0.4	38	0.12	0.028	32
VG(W)-13-S-145	Soil	1.6	9.8	32.6	97	<0.1	10.7	3.7	297	1.79	3.4	12.8	14.2	15	0.1	0.4	0.3	25	0.08	0.023	48
VG(W)-13-S-148	Soil	1.7	9.2	40.6	58	<0.1	12.8	4.7	155	2.33	8.0	18.5	7.7	9	0.3	0.6	0.4	37	0.07	0.027	22
VG(W)-13-S-150	Soil	1.3	8.8	17.1	33	0.3	10.2	3.3	121	1.48	11.7	8.8	4.2	8	<0.1	1.1	0.4	33	0.07	0.029	16
VG(W)-13-S-151	Soil	1.9	28.2	38.9	70	0.8	46.6	8.4	758	4.42	26.4	7.1	5.1	14	0.2	1.2	0.6	71	0.09	0.170	17
VG(W)-13-S-152	Soil	1.9	14.1	22.3	57	0.2	14.3	5.0	179	2.06	7.2	15.7	4.0	10	0.1	1.0	0.5	46	0.05	0.053	19
VG(W)-13-S-172	Soil	1.8	19.6	25.7	68	0.6	48.8	8.9	366	5.12	16.5	10.3	5.2	8	0.2	1.3	0.5	90	0.07	0.152	14
VG(W)-13-S-173	Soil	3.2	21.4	36.7	85	1.4	32.9	7.7	449	4.08	25.5	25.3	5.8	10	0.2	1.9	0.5	59	0.08	0.136	12
VG(W)-13-S-175	Soil	8.8	111.4	65.8	154	2.4	68.6	45.2	3679	2.76	38.0	31.4	1.5	74	1.1	6.7	0.5	50	0.57	0.157	16
VG(W)-13-S-176	Soil	4.1	27.2	44.3	64	0.5	27.5	3.8	101	3.16	36.8	2.8	2.5	124	0.2	4.9	0.4	49	0.07	0.235	17
VG(W)-13-S-177	Soil	2.0	20.5	17.9	78	1.2	77.2	8.5	290	3.53	9.4	5.7	4.8	9	0.3	1.4	0.2	54	0.09	0.059	14
VG(W)-13-S-178	Soil	5.1	9.4	37.1	31	0.4	13.1	2.8	83	1.99	21.6	8.5	3.1	6	<0.1	1.9	0.5	50	0.04	0.028	12
VG(W)-13-S-179	Soil	1.4	14.8	8.9	29	0.4	20.5	2.7	61	1.36	3.4	5.9	0.2	7	0.2	1.0	0.2	34	0.03	0.027	15
VG(W)-13-S-181	Soil	1.3	33.3	14.8	116	0.9	99.4	9.2	376	4.10	10.0	7.1	4.2	10	0.6	1.1	0.2	61	0.05	0.063	15
VG(W)-13-S-182	Soil	2.9	37.2	20.7	156	1.4	93.6	14.2	309	3.38	15.3	23.5	4.8	8	0.4	1.6	0.4	55	0.06	0.060	13
VG(E)-13-S-203	Soil	3.8	38.8	15.8	67	0.2	20.1	9.1	893	3.40	13.2	8.3	1.1	24	0.1	1.3	0.3	58	0.04	0.131	22
VG(E)-13-S-207	Soil	1.9	23.7	34.5	66	0.1	22.1	7.6	263	3.71	10.5	4.7	4.0	9	0.3	0.7	0.3	34	0.06	0.073	27
VG(E)-13-S-209	Soil	2.3	32.1	21.2	74	<0.1	27.7	10.1	774	3.12	8.3	4.8	0.4	14	0.2	0.6	0.3	41	0.09	0.151	29
VG(E)-13-S-210	Soil	2.0	28.6	20.1	61	0.1	19.3	7.9	411	2.71	7.4	2.7	0.8	18	<0.1	0.9	0.3	34	0.05	0.076	25
VG(E)-13-S-212	Soil	2.1	26.4	14.8	62	0.3	24.9	9.9	341	3.82	8.5	7.0	1.4	10	0.1	0.8	0.2	37	0.05	0.073	14
VG(E)-13-S-213	Soil	3.3	54.4	22.5	118	0.2	30.8	12.4	2658	2.65	10.0	6.3	0.8	52	1.3	1.3	0.3	36	1.22	0.220	25
VG(E)-13-S-214	Soil	1.4	20.0	41.6	166	0.2	16.3	14.1	2060	2.19	7.6	5.8	1.1	22	1.5	0.5	0.2	22	0.74	0.075	25
VG(E)-13-S-216	Soil	0.6	12.0	6.3	17	<0.1	3.2	1.7	87	0.65	3.9	1.0	<0.1	9	<0.1	0.2	<0.1	13	0.03	0.042	4
VG(W)-13-S-307	Soil	0.8	19.0	12.3	73	<0.1	33.8	9.5	368	2.30	8.3	1.0	2.1	23	1.5	0.9	0.2	37	1.32	0.129	22
VG(W)-13-S-308	Soil	1.1	43.8	9.3	68	<0.1	28.2	11.9	507	2.76	6.8	4.9	2.8	19	0.2	0.8	0.1	43	0.65	0.084	15
VG(W)-13-S-309	Soil	1.0	19.6	14.6	112	<0.1	19.3	6.9	395	2.56	5.3	2.7	0.5	10	0.9	0.7	0.2	28	0.11	0.078	19
VG(W)-13-S-310	Soil	1.3	9.9	13.8	103	0.4	14.1	3.6	157	1.95	4.4	<0.5	0.4	9	0.8	0.6	0.2	25	0.06	0.071	12
VG(W)-13-S-311	Soil	1.2	16.4	17.2	43	0.1	13.6	3.6	215	2.07	14.4	3.9	3.4	5	0.1	0.9	0.3	55	0.02	0.061	23
VG(W)-13-S-312	Soil	1.2	23.6	14.1	55	0.2	16.3	5.7	201	2.61	5.6	1.7	0.5	7	0.2	0.4	0.2	35	0.04	0.079	27

CERTIFICATE OF ANALYSIS WHI13000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
VG(W)-13-S-143	Soil	27	0.22	102	0.067	<1	0.83	0.003	0.06	0.3	0.01	1.1	<0.1	<0.05	6	<0.5	<0.2	
VG(W)-13-S-144	Soil	27	0.22	207	0.036	1	0.93	0.002	0.05	0.2	0.02	1.4	<0.1	<0.05	5	<0.5	<0.2	
VG(W)-13-S-145	Soil	14	0.15	129	0.017	<1	0.99	0.006	0.05	0.2	0.02	1.0	<0.1	<0.05	4	<0.5	<0.2	
VG(W)-13-S-148	Soil	19	0.20	88	0.042	<1	0.91	0.002	0.04	0.4	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2	
VG(W)-13-S-150	Soil	21	0.23	202	0.049	<1	0.86	0.002	0.04	0.3	0.03	1.4	<0.1	<0.05	5	<0.5	<0.2	
VG(W)-13-S-151	Soil	64	0.56	339	0.039	1	1.84	0.002	0.10	0.3	0.02	2.6	0.2	<0.05	9	<0.5	<0.2	
VG(W)-13-S-152	Soil	23	0.19	296	0.050	1	0.93	0.002	0.08	0.3	<0.01	1.6	0.2	<0.05	6	<0.5	<0.2	
VG(W)-13-S-172	Soil	69	0.50	213	0.043	<1	2.19	<0.001	0.05	0.4	0.05	2.8	<0.1	<0.05	9	<0.5	<0.2	
VG(W)-13-S-173	Soil	47	0.37	139	0.044	1	1.78	0.003	0.07	0.3	0.14	2.5	0.1	<0.05	7	1.0	<0.2	
VG(W)-13-S-175	Soil	32	0.32	1587	0.008	3	1.52	0.007	0.08	0.2	1.20	3.4	0.3	0.15	4	8.5	0.4	
VG(W)-13-S-176	Soil	35	0.14	449	0.018	<1	0.98	0.002	0.08	0.2	0.08	2.3	0.2	0.11	5	0.6	0.3	
VG(W)-13-S-177	Soil	39	0.43	251	0.031	1	1.86	0.001	0.06	0.2	0.05	3.1	<0.1	<0.05	6	<0.5	<0.2	
VG(W)-13-S-178	Soil	17	0.17	115	0.041	1	0.82	0.002	0.04	0.2	0.03	1.3	<0.1	<0.05	5	1.6	0.9	
VG(W)-13-S-179	Soil	18	0.06	140	0.020	2	0.80	0.005	0.03	<0.1	0.04	0.7	0.1	<0.05	6	<0.5	<0.2	
VG(W)-13-S-181	Soil	57	0.41	121	0.029	<1	2.10	<0.001	0.05	0.2	0.09	2.9	0.1	<0.05	7	<0.5	<0.2	
VG(W)-13-S-182	Soil	60	0.59	258	0.019	1	2.77	<0.001	0.08	0.2	0.23	3.5	<0.1	0.06	5	4.4	0.9	
VG(E)-13-S-203	Soil	27	0.26	110	0.015	1	1.32	0.002	0.09	0.2	0.06	1.3	0.2	0.06	5	<0.5	<0.2	
VG(E)-13-S-207	Soil	29	0.38	83	0.017	2	1.56	0.003	0.11	0.2	0.09	1.8	<0.1	<0.05	5	<0.5	<0.2	
VG(E)-13-S-209	Soil	39	0.43	102	0.008	2	1.58	0.003	0.10	0.1	0.04	0.5	0.1	0.08	5	<0.5	<0.2	
VG(E)-13-S-210	Soil	23	0.34	193	0.011	2	1.56	0.005	0.08	0.2	0.05	1.0	0.2	0.06	5	<0.5	<0.2	
VG(E)-13-S-212	Soil	33	0.41	79	0.011	2	1.42	0.001	0.06	0.1	0.15	2.2	0.1	<0.05	4	<0.5	<0.2	
VG(E)-13-S-213	Soil	28	0.27	477	0.010	3	1.34	0.005	0.10	<0.1	0.11	2.3	0.2	0.12	4	<0.5	0.2	
VG(E)-13-S-214	Soil	21	0.46	799	0.031	3	1.38	0.007	0.14	<0.1	0.07	1.9	0.2	0.05	5	<0.5	<0.2	
VG(E)-13-S-216	Soil	7	0.04	243	0.010	2	0.60	0.018	0.06	<0.1	0.03	0.2	<0.1	<0.05	2	<0.5	<0.2	
VG(W)-13-S-307	Soil	31	0.47	123	0.027	2	1.33	0.009	0.05	0.3	0.19	2.3	<0.1	<0.05	3	<0.5	<0.2	
VG(W)-13-S-308	Soil	27	0.63	201	0.016	2	1.76	0.006	0.06	0.2	0.63	3.9	<0.1	<0.05	5	<0.5	<0.2	
VG(W)-13-S-309	Soil	24	0.40	248	0.008	1	1.57	0.002	0.08	<0.1	0.02	1.0	0.1	<0.05	5	<0.5	<0.2	
VG(W)-13-S-310	Soil	16	0.30	103	0.015	1	1.37	0.003	0.05	0.2	0.03	1.1	0.2	<0.05	4	<0.5	<0.2	
VG(W)-13-S-311	Soil	21	0.06	53	0.054	3	0.60	0.001	0.05	0.2	0.01	1.6	0.1	<0.05	8	<0.5	<0.2	
VG(W)-13-S-312	Soil	27	0.32	245	0.007	2	2.28	0.001	0.08	<0.1	0.06	0.9	0.2	<0.05	7	0.6	<0.2	

SOIL ASSAYS

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VG(W)-13-S-313	Soil		1.3	32.8	17.3	80	0.2	22.5	8.1	295	2.86	7.2	4.0	0.4	14	0.2	0.9	0.2	35	0.09	0.065	26
VG(W)-13-S-314A	Soil		1.1	16.1	15.5	79	<0.1	18.1	8.0	615	1.55	7.4	0.5	0.1	11	0.8	0.6	0.2	22	0.11	0.077	17
VG(W)-13-S-314B	Soil		1.2	24.8	14.8	68	0.3	31.6	9.1	897	2.45	8.5	2.3	1.7	38	0.2	0.7	0.2	24	1.10	0.111	30
VG(W)-13-S-315	Soil		1.3	33.8	12.8	63	0.4	113.8	11.4	632	2.55	10.4	5.1	1.8	25	0.2	0.9	0.1	29	0.75	0.056	26
VG(W)-13-S-316	Soil		0.8	38.7	18.2	95	<0.1	27.0	6.2	254	1.83	3.6	1.8	1.8	29	0.3	0.4	0.2	26	0.80	0.067	16
VG(W)-13-S-318	Soil		1.0	16.9	11.3	58	<0.1	24.1	7.3	334	1.84	4.9	<0.5	1.8	20	0.1	0.5	0.1	27	0.37	0.048	16
VG(W)-13-S-319	Soil		0.9	17.2	19.9	49	<0.1	36.6	7.2	308	2.07	7.1	6.5	2.5	26	0.1	0.7	0.4	33	0.44	0.076	16
VG(W)-13-S-320	Soil		1.3	27.3	17.4	92	0.3	25.9	8.1	651	1.84	6.4	6.5	0.6	57	1.3	1.4	0.5	26	1.46	0.199	13
VG(W)-13-S-324	Soil		0.6	15.2	10.9	135	0.1	15.9	5.2	894	1.41	3.8	2.8	0.3	35	3.0	0.5	0.3	21	2.72	0.194	19
VG(W)-13-S-325	Soil		0.6	17.3	13.2	73	0.2	26.2	6.5	298	2.19	6.0	4.5	2.5	19	0.3	0.6	0.2	34	0.48	0.092	22
VG(W)-13-S-326	Soil		0.6	22.1	10.4	73	0.1	31.8	8.5	368	2.03	6.8	2.7	2.8	30	0.7	0.9	0.2	33	1.23	0.137	25
VG(W)-13-S-327	Soil		0.9	16.4	10.9	124	0.1	26.3	6.5	656	1.66	5.0	1.5	0.3	45	2.5	1.3	0.3	20	2.65	0.197	21
VG(W)-13-S-328	Soil		0.7	19.0	14.2	231	0.2	24.1	8.6	1768	2.02	2.8	<0.5	0.3	39	12.9	1.0	0.2	24	3.83	0.120	22
VG(W)-13-S-329	Soil		0.6	15.7	9.2	80	<0.1	24.6	5.6	409	1.60	4.4	1.4	0.5	26	0.9	0.9	0.1	24	1.52	0.087	15
VG(W)-13-S-331	Soil		0.6	17.5	12.0	80	0.1	30.1	8.6	230	1.98	5.9	3.0	3.1	24	1.0	0.8	0.2	34	1.01	0.110	21
VG(W)-13-S-332	Soil		0.8	12.3	9.8	66	<0.1	23.9	7.0	321	1.73	6.5	2.9	2.4	78	0.8	0.8	0.2	30	6.38	0.107	18
VG(W)-13-S-333	Soil		0.6	12.3	11.4	110	<0.1	22.9	6.6	493	1.70	4.6	2.8	0.7	26	3.1	0.9	0.2	23	1.69	0.110	21
VG(W)-13-S-334	Soil		0.3	14.1	4.9	49	<0.1	11.8	3.2	202	0.96	2.3	1.4	0.4	19	0.5	0.4	<0.1	16	0.99	0.054	7
VG(W)-13-S-335	Soil		0.4	9.7	9.8	61	<0.1	15.6	4.7	484	1.20	3.2	<0.5	0.5	23	1.1	0.6	0.1	17	1.09	0.100	13
VG(W)-13-S-353	Soil		0.6	8.9	7.3	44	<0.1	9.9	2.3	799	0.67	1.7	0.7	0.1	40	2.3	0.4	0.2	10	5.45	0.314	10
VG(W)-13-S-354	Soil		0.5	5.3	9.4	62	<0.1	10.5	2.7	389	1.10	2.3	<0.5	0.4	15	1.6	0.7	0.1	28	0.82	0.040	8
VG(W)-13-S-355	Soil		0.6	6.9	12.7	102	<0.1	15.5	4.8	867	1.69	1.9	<0.5	0.7	34	1.9	0.7	0.6	36	2.28	0.204	17
VG(W)-13-S-356	Soil		0.6	4.6	8.5	71	<0.1	8.6	1.9	267	0.75	1.8	0.8	0.1	10	1.2	0.9	0.3	15	1.13	0.057	13
VG(W)-13-S-357	Soil		0.5	10.1	16.5	75	<0.1	22.4	7.0	418	2.54	4.8	0.5	3.2	13	0.6	1.2	0.3	56	0.71	0.068	20
VG(W)-13-S-358	Soil		0.2	18.6	5.3	154	0.2	6.4	1.9	810	0.48	0.9	<0.5	0.2	29	3.5	0.1	0.3	7	3.03	0.154	6
VG(W)-13-S-359	Soil		0.7	9.2	16.7	71	<0.1	23.9	7.3	309	2.62	4.8	<0.5	5.1	13	0.8	0.7	0.3	56	0.54	0.049	18
VG(W)-13-S-363	Soil		2.5	15.8	11.2	25	0.2	9.1	2.8	166	1.28	5.0	1.6	<0.1	7	0.2	0.5	0.2	30	0.04	0.102	13
VG(W)-13-S-364	Soil		1.5	16.0	16.3	60	0.2	18.2	4.9	266	2.72	10.0	<0.5	0.3	11	0.1	0.9	0.3	46	0.09	0.133	15
VG(W)-13-S-365	Soil		1.1	12.3	11.8	40	0.1	18.6	4.2	233	1.66	3.4	<0.5	0.3	8	0.2	0.4	0.3	30	0.05	0.048	23
VG(W)-13-S-366	Soil		0.9	14.7	9.0	43	0.2	23.2	3.9	287	1.19	2.4	<0.5	<0.1	11	0.4	0.3	0.2	21	0.07	0.100	15

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VG(W)-13-S-313	Soil		28	0.43	220	0.008	2	1.72	0.005	0.07	<0.1	0.05	0.8	0.1	<0.05	5	0.7	<0.2
VG(W)-13-S-314A	Soil		19	0.18	191	0.008	<1	0.89	0.008	0.06	0.1	0.04	0.5	<0.1	<0.05	4	<0.5	<0.2
VG(W)-13-S-314B	Soil		25	0.46	349	0.011	2	1.65	0.006	0.05	<0.1	0.18	2.5	0.1	0.07	4	0.6	<0.2
VG(W)-13-S-315	Soil		66	0.79	835	0.011	1	1.35	0.006	0.05	<0.1	0.16	3.4	<0.1	<0.05	3	<0.5	<0.2
VG(W)-13-S-316	Soil		30	0.56	354	0.027	2	1.19	0.007	0.06	0.2	0.11	2.5	<0.1	0.05	3	0.6	<0.2
VG(W)-13-S-318	Soil		27	0.45	271	0.026	<1	1.07	0.004	0.05	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
VG(W)-13-S-319	Soil		30	0.48	317	0.019	1	1.22	0.005	0.04	0.3	0.06	2.2	<0.1	<0.05	4	<0.5	<0.2
VG(W)-13-S-320	Soil		28	0.27	465	0.013	3	1.09	0.012	0.06	0.1	0.20	1.5	<0.1	0.15	4	1.0	<0.2
VG(W)-13-S-324	Soil		20	0.21	131	0.008	4	0.97	0.010	0.04	0.2	0.33	0.9	<0.1	0.16	3	0.5	<0.2
VG(W)-13-S-325	Soil		27	0.50	196	0.024	2	1.30	0.007	0.06	0.3	1.70	2.6	<0.1	<0.05	4	<0.5	<0.2
VG(W)-13-S-326	Soil		29	0.44	184	0.037	3	1.23	0.011	0.07	0.2	0.22	3.6	<0.1	<0.05	3	<0.5	<0.2
VG(W)-13-S-327	Soil		25	0.23	105	0.007	4	0.93	0.016	0.05	0.2	0.22	1.1	<0.1	0.16	2	<0.5	<0.2
VG(W)-13-S-328	Soil		26	0.15	169	0.020	3	1.12	0.014	0.04	<0.1	0.09	1.4	<0.1	0.09	3	<0.5	<0.2
VG(W)-13-S-329	Soil		21	0.45	93	0.013	4	0.94	0.012	0.05	0.2	0.43	1.6	<0.1	0.09	3	<0.5	<0.2
VG(W)-13-S-331	Soil		27	0.43	109	0.030	2	1.17	0.009	0.06	0.3	0.36	2.9	<0.1	<0.05	4	<0.5	<0.2
VG(W)-13-S-332	Soil		23	0.41	88	0.029	3	0.97	0.012	0.06	0.4	0.08	2.3	<0.1	<0.05	3	<0.5	<0.2
VG(W)-13-S-333	Soil		24	0.29	79	0.015	2	1.12	0.008	0.04	0.2	0.14	2.6	<0.1	0.08	2	<0.5	<0.2
VG(W)-13-S-334	Soil		11	0.21	79	0.016	2	0.82	0.028	0.03	<0.1	0.07	1.2	<0.1	0.06	2	<0.5	<0.2
VG(W)-13-S-335	Soil		13	0.20	91	0.013	3	0.84	0.022	0.04	0.1	0.27	1.4	<0.1	0.06	2	<0.5	<0.2
VG(W)-13-S-353	Soil		24	0.14	94	0.006	8	0.66	0.023	0.07	<0.1	0.22	0.4	<0.1	0.18	2	<0.5	<0.2
VG(W)-13-S-354	Soil		23	0.14	57	0.017	2	1.01	0.010	0.03	0.2	0.04	1.1	<0.1	<0.05	3	<0.5	<0.2
VG(W)-13-S-355	Soil		48	0.21	112	0.023	3	1.54	0.006	0.05	0.2	0.10	2.2	0.1	0.06	4	<0.5	<0.2
VG(W)-13-S-356	Soil		23	0.10	51	0.011	4	0.66	0.004	0.03	0.1	0.07	0.9	<0.1	0.05	2	<0.5	<0.2
VG(W)-13-S-357	Soil		46	0.34	303	0.021	1	2.18	0.006	0.04	0.2	0.07	3.7	0.1	<0.05	6	<0.5	<0.2
VG(W)-13-S-358	Soil		11	0.07	383	0.011	8	0.51	0.012	0.09	<0.1	0.13	0.5	<0.1	0.09	1	<0.5	<0.2
VG(W)-13-S-359	Soil		41	0.38	182	0.026	2	2.20	0.011	0.12	0.2	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
VG(W)-13-S-363	Soil		16	0.07	150	0.002	<1	0.82	0.005	0.04	0.1	0.03	0.1	0.2	<0.05	5	<0.5	<0.2
VG(W)-13-S-364	Soil		28	0.35	400	0.036	1	1.26	0.005	0.08	0.2	0.05	1.1	<0.1	0.07	7	0.6	<0.2
VG(W)-13-S-365	Soil		30	0.17	124	0.018	<1	1.03	0.005	0.10	0.1	0.02	0.7	0.1	<0.05	5	<0.5	<0.2
VG(W)-13-S-366	Soil		40	0.19	179	0.003	1	1.02	0.012	0.07	<0.1	0.04	0.2	<0.1	0.07	4	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VG(W)-13-S-367	Soil		1.1	23.6	18.8	99	0.2	88.5	13.1	347	3.83	9.7	0.7	4.1	11	0.5	1.0	0.2	39	0.12	0.147	20
VG(W)-13-S-368	Soil		1.4	15.8	11.1	56	0.2	59.3	8.0	575	1.69	4.2	3.5	0.3	18	0.9	0.5	0.1	32	0.17	0.058	22
VG(W)-13-S-369	Soil		0.5	40.0	15.1	59	0.2	241.3	9.0	560	2.75	18.1	<0.5	1.8	33	0.3	0.5	0.2	25	0.35	0.179	32
VG(W)-13-S-370	Soil		0.3	12.6	9.5	41	<0.1	297.0	13.2	189	2.07	3.4	2.6	6.8	12	<0.1	0.2	<0.1	20	0.16	0.042	30
VG(W)-13-S-371	Soil		0.7	16.9	12.5	43	0.1	29.6	6.0	188	1.88	4.7	1.6	0.5	10	0.1	0.6	0.1	26	0.08	0.042	29
VG(W)-13-S-372	Soil		0.8	26.4	19.3	65	<0.1	32.2	11.3	482	2.63	7.2	1.8	5.8	13	0.1	0.8	0.2	25	0.13	0.054	45
VG(W)-13-S-373	Soil		1.3	19.0	19.6	214	0.2	25.4	12.1	873	3.84	4.3	<0.5	0.4	9	2.3	0.7	0.3	52	0.06	0.138	26
VG(W)-13-S-374	Soil		1.2	19.6	13.2	52	0.1	17.8	5.7	311	2.76	5.1	<0.5	0.3	7	0.1	0.7	0.2	38	0.05	0.093	27
VG(W)-13-S-375	Soil		1.6	25.9	15.8	85	<0.1	28.0	8.9	671	4.04	8.1	<0.5	2.6	12	0.3	0.9	0.2	58	0.06	0.099	23
VG(W)-13-S-376	Soil		1.9	24.7	18.5	74	0.1	27.1	9.5	1774	4.21	8.5	1.3	0.5	8	0.3	0.9	0.3	52	0.06	0.173	23
VG(W)-13-S-377	Soil		0.9	16.1	15.8	110	<0.1	362.3	57.4	1230	4.15	2.7	<0.5	0.4	22	0.6	0.3	0.1	27	0.29	0.138	11
VG(W)-13-S-378	Soil		0.8	15.1	9.7	19	0.3	10.0	3.7	151	1.04	1.8	<0.5	<0.1	20	0.3	0.2	0.1	14	0.27	0.121	25
VG(W)-13-S-379	Soil		1.1	29.4	12.5	52	0.2	27.5	7.7	565	2.07	6.5	0.5	0.6	20	0.3	0.7	0.2	29	0.34	0.091	20
VG(W)-13-S-380	Soil		1.1	18.9	11.5	66	0.1	45.2	9.4	425	2.04	8.1	2.5	2.0	34	0.8	0.9	0.2	37	4.15	0.091	16
VG(W)-13-S-398	Soil		1.4	28.0	16.4	173	0.4	143.6	11.8	347	4.46	11.6	4.6	5.4	7	0.4	1.4	0.2	58	0.06	0.068	15
VG(W)-13-S-399	Soil		15.3	27.6	187.3	26	6.4	2.6	0.2	7	3.35	25.6	56.2	4.2	18	0.1	6.5	1.5	22	0.01	0.041	10
VG(E)-13-S-413	Soil		3.2	5.7	10.7	16	0.7	6.7	1.3	34	0.75	9.1	2.0	0.7	17	<0.1	2.9	0.1	35	0.03	0.023	14
VG(E)-13-S-414	Soil		6.6	9.0	15.7	31	4.6	16.2	3.9	120	2.13	22.4	5.4	2.5	69	<0.1	7.3	0.2	69	0.15	0.055	11
VG(E)-13-S-415	Soil		6.9	11.1	14.6	31	3.3	9.4	2.5	95	3.02	28.4	6.6	3.2	21	<0.1	9.7	0.3	85	0.02	0.035	10
VG(E)-13-S-416	Soil		10.5	19.9	14.5	26	4.3	12.4	2.9	81	2.06	29.9	11.7	2.4	88	<0.1	14.6	0.2	138	0.06	0.055	9
VG(E)-13-S-417	Soil		0.5	18.4	34.7	53	0.2	14.6	4.6	883	1.46	3.7	<0.5	0.5	23	1.0	0.5	0.2	27	1.85	0.096	14
VG(E)-13-S-420	Soil		0.9	19.7	14.6	54	0.2	30.8	8.7	641	1.59	7.7	<0.5	2.5	58	0.9	0.8	0.1	21	8.26	0.108	16

CERTIFICATE OF ANALYSIS WHI13000183.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VG(W)-13-S-367	Soil		128	0.92	143	0.031	3	1.69	0.004	0.11	0.2	0.05	2.5	<0.1	<0.05	5	<0.5	<0.2
VG(W)-13-S-368	Soil		95	0.52	389	0.018	3	1.20	0.009	0.13	0.2	0.03	1.1	0.1	<0.05	5	<0.5	<0.2
VG(W)-13-S-369	Soil		101	0.81	445	0.012	3	1.78	0.009	0.15	0.1	0.05	3.0	0.1	0.09	6	0.6	<0.2
VG(W)-13-S-370	Soil		121	2.54	184	0.028	4	0.88	0.007	0.06	<0.1	0.02	2.4	<0.1	<0.05	3	<0.5	<0.2
VG(W)-13-S-371	Soil		36	0.42	125	0.017	1	1.36	0.004	0.07	0.1	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
VG(W)-13-S-372	Soil		32	0.50	203	0.021	2	1.35	0.004	0.10	0.1	0.03	2.0	0.1	<0.05	4	<0.5	<0.2
VG(W)-13-S-373	Soil		44	0.28	187	0.055	3	1.64	0.004	0.16	0.2	0.05	1.3	0.1	0.08	9	<0.5	<0.2
VG(W)-13-S-374	Soil		30	0.31	253	0.022	1	1.59	0.003	0.13	0.2	0.04	1.0	0.2	0.06	6	<0.5	<0.2
VG(W)-13-S-375	Soil		41	0.52	189	0.027	2	1.70	0.003	0.11	0.2	0.06	2.3	<0.1	<0.05	7	<0.5	<0.2
VG(W)-13-S-376	Soil		45	0.36	150	0.026	2	1.31	0.003	0.11	0.2	0.07	1.1	0.1	<0.05	6	0.8	<0.2
VG(W)-13-S-377	Soil		384	2.83	198	0.013	6	0.96	0.012	0.08	0.1	0.03	1.7	<0.1	0.08	4	<0.5	<0.2
VG(W)-13-S-378	Soil		11	0.10	177	0.003	2	1.15	0.016	0.05	0.1	0.05	0.2	<0.1	0.12	3	<0.5	<0.2
VG(W)-13-S-379	Soil		26	0.48	283	0.010	3	1.27	0.010	0.06	0.1	0.02	1.2	<0.1	0.05	4	<0.5	<0.2
VG(W)-13-S-380	Soil		31	0.47	135	0.021	2	1.29	0.010	0.06	0.2	0.05	2.3	<0.1	<0.05	4	<0.5	<0.2
VG(W)-13-S-398	Soil		66	0.50	135	0.023	<1	2.19	0.004	0.06	0.2	0.08	3.6	<0.1	<0.05	6	<0.5	<0.2
VG(W)-13-S-399	Soil		12	0.01	316	<0.001	<1	0.22	0.009	0.15	<0.1	0.05	1.1	0.1	0.34	2	9.0	1.2
VG(E)-13-S-413	Soil		10	0.02	201	0.010	<1	0.37	0.004	0.04	0.2	0.04	0.5	0.2	<0.05	2	1.9	<0.2
VG(E)-13-S-414	Soil		28	0.20	1044	0.007	<1	1.42	0.005	0.12	0.7	0.52	2.3	0.8	0.18	4	8.0	<0.2
VG(E)-13-S-415	Soil		24	0.15	165	0.022	<1	0.97	0.003	0.05	0.6	0.34	1.5	0.6	<0.05	5	4.2	<0.2
VG(E)-13-S-416	Soil		34	0.14	675	0.009	<1	0.96	0.004	0.10	0.8	0.90	1.9	1.3	0.16	4	12.7	<0.2
VG(E)-13-S-417	Soil		17	0.21	635	0.010	1	1.22	0.014	0.05	0.1	0.08	1.6	<0.1	0.09	4	<0.5	<0.2
VG(E)-13-S-420	Soil		21	0.39	253	0.019	<1	0.95	0.008	0.08	0.2	0.08	2.6	0.2	<0.05	3	<0.5	<0.2

SOIL ASSAYS

QUALITY CONTROL REPORT WHI13000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
VG(E)-13-S-213	Soil	3.3	54.4	22.5	118	0.2	30.8	12.4	2658	2.65	10.0	6.3	0.8	52	1.3	1.3	0.3	36	1.22	0.220	25
REP VG(E)-13-S-213	QC	2.7	51.6	22.9	109	0.1	31.0	11.0	2443	2.62	9.4	12.0	0.9	50	0.9	1.1	0.3	35	1.22	0.228	24
VG(W)-13-S-315	Soil	1.3	33.8	12.8	63	0.4	113.8	11.4	632	2.55	10.4	5.1	1.8	25	0.2	0.9	0.1	29	0.75	0.056	26
REP VG(W)-13-S-315	QC	0.9	35.0	13.2	59	0.3	115.5	11.7	640	2.59	10.5	2.2	1.8	26	0.2	0.9	0.1	30	0.77	0.057	26
VG(W)-13-S-364	Soil	1.5	16.0	16.3	60	0.2	18.2	4.9	266	2.72	10.0	<0.5	0.3	11	0.1	0.9	0.3	46	0.09	0.133	15
REP VG(W)-13-S-364	QC	1.4	16.7	16.8	61	0.2	18.8	5.0	260	2.71	10.1	4.2	0.3	11	0.1	0.9	0.3	46	0.09	0.127	14
VG(W)-13-S-371	Soil	0.7	16.9	12.5	43	0.1	29.6	6.0	188	1.88	4.7	1.6	0.5	10	0.1	0.6	0.1	26	0.08	0.042	29
REP VG(W)-13-S-371	QC	0.6	17.7	13.9	45	0.1	30.7	6.1	198	1.98	4.7	1.9	0.4	10	0.1	0.6	0.1	28	0.08	0.044	30
VG(W)-13-S-399	Soil	15.3	27.6	187.3	26	6.4	2.6	0.2	7	3.35	25.6	56.2	4.2	18	0.1	6.5	1.5	22	0.01	0.041	10
REP VG(W)-13-S-399	QC	13.2	25.7	170.0	30	5.5	1.9	0.1	8	3.20	24.5	54.8	3.8	17	<0.1	6.3	1.2	23	0.01	0.037	9
VG(E)-13-S-420	Soil	0.9	19.7	14.6	54	0.2	30.8	8.7	641	1.59	7.7	<0.5	2.5	58	0.9	0.8	0.1	21	8.26	0.108	16
REP VG(E)-13-S-420	QC	0.7	21.0	15.1	56	0.2	32.2	9.5	672	1.73	8.6	<0.5	2.8	62	1.1	1.0	<0.1	23	7.54	0.116	19
Reference Materials																					
STD DS9	Standard	12.3	106.1	126.7	316	1.8	38.0	7.5	589	2.34	25.8	110.4	6.3	68	2.5	5.7	5.9	40	0.71	0.081	13
STD DS9	Standard	11.8	101.5	120.7	285	1.6	36.7	7.2	559	2.19	23.4	105.9	6.0	70	2.4	5.6	5.8	38	0.70	0.081	13
STD DS9	Standard	12.1	109.5	128.9	297	1.7	39.1	7.6	543	2.29	24.1	98.1	5.7	64	2.4	5.7	5.7	37	0.67	0.077	11
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

QUALITY CONTROL REPORT WHI13000183.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
VG(E)-13-S-213	Soil	28	0.27	477	0.010	3	1.34	0.005	0.10	<0.1	0.11	2.3	0.2	0.12	4	<0.5	0.2
REP VG(E)-13-S-213	QC	28	0.26	448	0.010	3	1.33	0.004	0.10	0.2	0.10	2.3	0.2	0.12	3	<0.5	0.4
VG(W)-13-S-315	Soil	66	0.79	835	0.011	1	1.35	0.006	0.05	<0.1	0.16	3.4	<0.1	<0.05	3	<0.5	<0.2
REP VG(W)-13-S-315	QC	69	0.81	847	0.011	2	1.37	0.006	0.05	<0.1	0.15	3.5	<0.1	<0.05	3	1.1	<0.2
VG(W)-13-S-364	Soil	28	0.35	400	0.036	1	1.26	0.005	0.08	0.2	0.05	1.1	<0.1	0.07	7	0.6	<0.2
REP VG(W)-13-S-364	QC	27	0.35	383	0.035	<1	1.23	0.005	0.08	0.3	0.02	1.1	0.1	0.07	6	0.7	<0.2
VG(W)-13-S-371	Soil	36	0.42	125	0.017	1	1.36	0.004	0.07	0.1	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
REP VG(W)-13-S-371	QC	39	0.43	133	0.017	<1	1.39	0.004	0.07	0.1	0.04	1.0	<0.1	<0.05	5	<0.5	<0.2
VG(W)-13-S-399	Soil	12	0.01	316	<0.001	<1	0.22	0.009	0.15	<0.1	0.05	1.1	0.1	0.34	2	9.0	1.2
REP VG(W)-13-S-399	QC	10	0.01	390	<0.001	<1	0.20	0.008	0.13	<0.1	0.03	1.3	<0.1	0.30	2	8.3	1.2
VG(E)-13-S-420	Soil	21	0.39	253	0.019	<1	0.95	0.008	0.08	0.2	0.08	2.6	0.2	<0.05	3	<0.5	<0.2
REP VG(E)-13-S-420	QC	24	0.41	265	0.025	2	0.98	0.007	0.10	0.3	0.10	2.6	0.2	<0.05	2	<0.5	<0.2
Reference Materials																	
STD DS9	Standard	121	0.61	294	0.111	2	0.93	0.083	0.40	2.9	0.20	2.4	5.2	0.17	5	6.4	5.4
STD DS9	Standard	109	0.58	271	0.105	2	0.94	0.092	0.39	2.6	0.19	2.2	4.9	0.16	4	5.3	4.9
STD DS9	Standard	118	0.60	271	0.101	3	0.87	0.071	0.37	2.9	0.20	2.1	5.0	0.16	4	4.2	5.2
STD DS9 Expected		121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

Table 3. Analytical Results - Soil Samples. Van Gogh (East) and Van Gogh (West) assays were done together (combined), and can not be easily separated, so they are both presented.

SILT ASSAYS - Van Gogh (East) and Van Gogh (West) assays were done together (combined), and can not be easily separated, so they are both presented here.

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Submitted By: Van Krichbaum
Receiving Lab: Canada-Whitehorse
Received: July 25, 2013
Report Date: August 20, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI13000182.1

CLIENT JOB INFORMATION

Project: Van Gogh
Shipment ID:
P.O. Number
Number of Samples: 17

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	17	Dry at 60C			WHI
SS80	17	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	17	Saving all or part of Soil Reject			WHI
1DX2	17	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: DBA Advantage Geoconsulting
Box 382
New Denver BC V0G 1S0
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
Quality Manager - Canada

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. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS WHI13000182.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
VG(W)-13-SED-174	Sediment	4.1	62.5	18.4	132	1.1	51.9	11.4	1040	2.12	21.0	8.9	1.0	59	2.0	4.4	0.4	33	1.21	0.149	13
VG(W)-13-SED-317	Sediment	0.8	32.4	9.0	85	0.4	25.0	4.5	252	1.44	3.7	2.7	0.6	64	1.0	0.6	0.3	17	2.09	0.137	15
VG(W)-13-SED-321	Sediment	2.4	38.8	19.3	191	0.8	32.2	5.7	444	1.69	9.5	10.3	0.9	93	2.1	1.6	0.5	16	2.75	0.171	20
VG(W)-13-SED-336	Sediment	1.4	41.8	20.3	90	0.4	22.3	10.7	3520	2.53	7.9	10.0	1.6	88	1.1	0.9	0.2	19	1.48	0.111	27
VG(W)-13-SED-337	Sediment	1.1	37.5	11.0	65	1.0	22.4	3.8	172	1.01	2.0	3.3	0.7	93	1.0	0.7	0.2	10	1.94	0.155	22
VG(W)-13-SED-338	Sediment	0.8	34.6	11.6	69	0.3	34.2	6.1	379	1.69	4.3	1.9	0.8	50	1.0	0.6	0.1	20	1.53	0.112	17
VG(W)-13-SED-381	Sediment	0.6	19.7	11.0	134	0.4	32.8	5.0	1414	1.18	2.2	5.8	<0.1	49	3.5	0.1	0.1	13	1.32	0.247	14
VG(W)-13-SED-382	Sediment	1.1	33.6	16.8	206	0.3	69.8	6.3	801	1.81	4.4	4.5	0.4	47	1.8	0.5	0.1	23	1.42	0.191	25
VG(W)-13-SED-385	Sediment	0.6	18.6	9.3	220	0.1	48.0	4.1	956	0.90	4.4	3.8	0.4	45	2.4	0.7	0.2	11	2.20	0.180	19
VG(W)-13-SED-389	Sediment	0.8	25.5	14.1	156	0.1	93.9	11.8	1852	2.44	7.1	4.9	1.8	24	1.3	1.7	0.1	21	0.83	0.092	21
VG(W)-13-SED-391	Sediment	1.7	50.3	30.3	130	1.1	41.9	8.4	195	1.77	30.8	28.8	1.2	52	0.6	2.9	0.3	19	1.01	0.080	14
VG(W)-13-SED-394	Sediment	7.5	142.5	18.2	1205	1.0	593.6	448.7	>10000	6.87	19.2	17.5	2.1	50	17.2	3.5	0.2	16	1.01	0.074	21
VG(W)-13-SED-395	Sediment	15.2	82.5	9.3	131	0.9	32.1	6.5	268	23.71	58.2	17.5	1.5	15	0.9	1.3	<0.1	10	0.22	0.074	12
VG(E)-13-SED-406	Sediment	0.9	48.6	10.8	41	0.8	18.6	5.2	234	0.97	2.6	3.8	0.3	60	0.4	0.4	<0.1	12	1.19	0.194	26
VG(E)-13-SED-408	Sediment	12.0	158.9	25.3	19	6.5	54.7	1.7	153	1.87	25.2	53.1	0.9	120	0.3	14.4	0.4	161	0.95	0.181	8
VG(E)-13-SED-411	Sediment	5.4	14.1	20.1	14	2.2	6.5	2.1	750	1.02	11.6	7.9	0.8	75	0.1	4.8	0.3	37	0.94	0.098	9
VG(E)-13-SED-412	Sediment	1.2	9.9	3.4	4	0.9	3.6	0.6	25	0.50	5.9	3.4	<0.1	11	0.2	1.5	<0.1	19	0.09	0.046	2

SILT ASSAYS

CERTIFICATE OF ANALYSIS WHI13000182.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VG(W)-13-SED-174	Sediment		25	0.36	1138	0.017	4	1.05	0.013	0.05	0.2	0.94	2.6	0.1	0.15	3	5.9	0.4
VG(W)-13-SED-317	Sediment		21	0.38	315	0.012	6	1.21	0.014	0.05	<0.1	0.25	1.6	<0.1	0.22	3	4.8	<0.2
VG(W)-13-SED-321	Sediment		18	0.37	761	0.012	8	1.17	0.012	0.10	<0.1	0.29	2.4	<0.1	0.17	2	2.5	0.4
VG(W)-13-SED-336	Sediment		18	0.52	750	0.006	6	1.29	0.020	0.07	<0.1	0.28	2.3	0.2	0.15	3	3.0	<0.2
VG(W)-13-SED-337	Sediment		15	0.19	551	0.008	6	1.25	0.021	0.06	<0.1	0.35	2.3	0.1	0.28	2	6.1	<0.2
VG(W)-13-SED-338	Sediment		23	0.46	312	0.014	7	1.17	0.029	0.07	0.1	0.23	2.2	<0.1	0.14	3	4.0	<0.2
VG(W)-13-SED-381	Sediment		15	0.20	600	0.007	6	1.02	0.014	0.12	<0.1	0.16	0.3	<0.1	0.20	2	<0.5	0.3
VG(W)-13-SED-382	Sediment		27	0.45	573	0.009	5	1.63	0.008	0.08	0.2	0.19	1.1	<0.1	0.12	3	0.6	<0.2
VG(W)-13-SED-385	Sediment		17	0.21	599	0.012	9	0.91	0.008	0.14	0.1	0.26	0.9	0.1	0.15	1	<0.5	<0.2
VG(W)-13-SED-389	Sediment		40	0.57	538	0.017	5	0.89	0.005	0.11	0.3	0.16	4.0	<0.1	<0.05	2	<0.5	<0.2
VG(W)-13-SED-391	Sediment		15	0.22	320	0.006	2	0.88	0.006	0.07	<0.1	0.28	2.3	0.4	0.10	3	2.6	<0.2
VG(W)-13-SED-394	Sediment		15	0.22	752	0.009	4	2.02	0.006	0.06	0.1	0.29	3.7	1.5	0.12	3	7.6	<0.2
VG(W)-13-SED-395	Sediment		11	0.11	159	0.010	4	0.75	0.010	0.04	<0.1	0.50	2.7	0.2	1.05	1	0.7	0.2
VG(E)-13-SED-406	Sediment		15	0.19	223	0.006	4	1.17	0.018	0.08	0.1	0.23	1.1	<0.1	0.23	2	1.9	<0.2
VG(E)-13-SED-408	Sediment		40	0.05	1631	0.003	5	1.18	0.008	0.09	0.7	10.79	3.1	3.4	0.19	5	13.5	0.8
VG(E)-13-SED-411	Sediment		11	0.04	668	0.003	2	0.64	0.009	0.05	<0.1	0.98	0.8	0.7	0.11	2	3.8	0.2
VG(E)-13-SED-412	Sediment		2	0.03	109	0.012	1	0.47	0.031	0.02	0.2	0.60	0.3	0.1	<0.05	2	1.7	<0.2

QUALITY CONTROL REPORT WHI13000182.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																						
VG(W)-13-SED-391	Sediment		1.7	50.3	30.3	130	1.1	41.9	8.4	195	1.77	30.8	28.8	1.2	52	0.6	2.9	0.3	19	1.01	0.080	14
REP VG(W)-13-SED-391	QC		1.9	52.3	30.3	130	1.2	42.5	8.9	202	1.86	31.9	41.2	1.5	54	0.9	3.3	0.3	20	1.05	0.078	14
Reference Materials																						
STD DS9	Standard		12.1	108.8	125.7	299	1.7	40.4	7.4	558	2.25	24.0	108.4	5.9	67	2.2	5.7	5.6	36	0.70	0.081	12
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

QUALITY CONTROL REPORT WHI13000182.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
VG(W)-13-SED-391	Sediment		15	0.22	320	0.006	2	0.88	0.006	0.07	<0.1	0.28	2.3	0.4	0.10	3	2.6	<0.2
REP VG(W)-13-SED-391	QC		16	0.21	329	0.010	4	0.92	0.006	0.08	0.2	0.24	2.6	0.3	0.10	2	3.8	<0.2
Reference Materials																		
STD DS9	Standard		110	0.59	289	0.102	2	0.90	0.081	0.39	2.7	0.20	2.2	5.1	0.16	4	5.2	5.4
STD DS9 Expected			121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank		<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

Table 4. Analytical Results - Silt Samples Van Gogh (East) and Van Gogh (West) assays were done together (combined), and can not be easily separated, so they are both presented.

ROCK ASSAYS - Van Gogh (East) and Van Gogh (West) assays are both presented here.

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Client: **DBA Advantage Geoconsulting**
Box 382
New Denver BC V0G 1S0 CANADA

Submitted By: Van Krichbaum
Receiving Lab: Canada-Vancouver
Received: November 12, 2013
Report Date: December 10, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN13004795.1

CLIENT JOB INFORMATION

Project: Van Gogh
Shipment ID:
P.O. Number
Number of Samples: 21

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	21	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	21	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days

ADDITIONAL COMMENTS

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: DBA Advantage Geoconsulting
Box 382
New Denver BC V0G 1S0
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

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. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS VAN13004795.1

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
VG W -13-R321C	Rock	0.10	<0.1	1.3	1.8	22	<0.1	4.6	0.7	96	0.25	1.7	0.9	0.2	205	1.0	0.6	<0.1	<2	29.91	0.016
VG W -13-R321D	Rock	0.14	0.1	1.5	1.9	12	<0.1	1.9	1.0	117	0.44	8.3	6.5	0.4	432	0.2	0.4	<0.1	6	28.14	0.009
VG W -13-R323	Rock	0.25	<0.1	2.7	1.3	27	<0.1	4.3	0.9	59	0.29	<0.5	<0.5	0.6	237	0.7	0.3	<0.1	<2	29.06	0.006
VG W -13-R330	Rock	0.08	<0.1	3.9	1.4	9	<0.1	3.1	1.0	311	0.26	<0.5	1.6	0.2	80	0.2	0.1	<0.1	<2	16.78	0.024
VG W -13-R341	Rock	0.15	<0.1	2.6	1.5	15	<0.1	3.2	0.8	153	0.19	<0.5	0.7	0.2	73	1.2	<0.1	<0.1	<2	21.98	0.028
VG W -13-R354	Rock	0.09	0.4	19.5	2.1	37	0.1	8.3	0.5	97	1.04	11.1	1.1	<0.1	19	0.3	8.5	<0.1	112	4.00	0.037
VG W -13-R360	Rock	0.13	<0.1	1.6	0.7	7	<0.1	0.8	0.5	107	0.10	0.9	<0.5	<0.1	165	0.7	0.6	<0.1	2	32.66	0.015
VG W -13-R387C	Rock	0.06	<0.1	3.1	1.3	7	<0.1	14.5	1.2	179	0.37	0.8	<0.5	0.4	517	0.9	0.5	<0.1	7	29.10	0.007
VG W -13-R388	Rock	0.14	0.1	4.5	3.3	69	<0.1	8.2	5.4	2876	2.20	2.5	2.4	5.1	12	0.6	1.2	<0.1	14	0.34	0.063
VG W -13-R390	Rock	0.07	0.1	4.9	3.6	41	<0.1	4.5	7.6	1804	1.68	1.1	1.7	4.7	8	0.1	0.5	<0.1	11	2.50	0.038
VG W -13-R393	Rock	0.10	0.2	7.6	20.8	82	<0.1	8.7	9.5	2837	3.21	1.8	1.5	4.7	16	0.8	1.9	<0.1	28	1.22	0.042
VG W -13-R394	Rock	0.07	2.7	375.8	15.5	582	0.5	262.0	628.1	>10000	9.19	15.2	5.7	3.8	26	7.9	2.5	0.1	27	0.22	0.046
VG W -13-R396	Rock	0.09	1.7	1.6	143.6	1	1.7	0.5	0.6	52	0.39	9.8	2.7	0.9	4	<0.1	10.4	<0.1	6	0.02	0.012
VG W -13-R397	Rock	0.04	7.2	5.1	11.2	4	1.7	1.8	1.8	90	1.03	28.2	12.5	0.6	3	<0.1	6.6	<0.1	7	0.02	0.006
VG W -13-R400	Rock	0.16	0.5	286.5	610.6	780	1.4	87.5	18.2	1585	9.34	65.7	25.1	2.4	9	1.5	2.3	0.4	34	0.03	0.043
VG W -13-R401	Rock	0.16	1.8	11.6	11.1	2	14.7	1.1	0.4	37	1.47	48.9	114.9	0.4	22	<0.1	9.0	3.5	4	0.01	0.004
VG E -13-R407	Rock	0.07	10.8	143.9	17.4	23	0.1	19.0	4.3	146	4.61	56.1	3.6	5.0	20	0.3	9.2	0.3	24	0.02	0.088
VG E -13-R409	Rock	0.17	0.5	54.7	0.6	59	<0.1	40.7	22.8	608	4.32	1.6	<0.5	0.1	9	0.1	<0.1	<0.1	131	2.01	0.057
VG E -13-R410	Rock	0.10	0.3	3.1	2.0	2	<0.1	1.2	0.3	34	0.36	2.1	2.6	<0.1	4	<0.1	1.1	<0.1	<2	0.02	0.001
VG E -13-R416	Rock	0.11	0.3	6.0	1.3	2	1.7	1.0	0.3	53	0.60	3.7	2.5	0.1	2	<0.1	12.9	<0.1	7	0.01	0.005
VG E -13-R418	Rock	0.17	<0.1	1.0	0.6	10	<0.1	4.2	2.0	624	0.09	<0.5	<0.5	<0.1	152	0.7	0.2	<0.1	<2	31.66	0.016

ROCK ASSAYS

CERTIFICATE OF ANALYSIS VAN13004795.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
VG W -13-R321C	Rock	2	2	0.26	26	<0.001	<1	0.06	0.001	0.02	<0.1	0.21	0.6	<0.1	<0.05	<1	0.8	<0.2
VG W -13-R321D	Rock	2	2	0.15	19	0.001	1	0.10	0.001	0.07	<0.1	0.25	1.1	<0.1	<0.05	<1	0.5	<0.2
VG W -13-R323	Rock	5	3	0.21	8	<0.001	<1	0.13	<0.001	0.08	<0.1	0.08	1.7	<0.1	<0.05	<1	<0.5	<0.2
VG W -13-R330	Rock	3	2	0.18	9	<0.001	1	0.11	<0.001	0.03	<0.1	0.05	1.0	<0.1	<0.05	<1	<0.5	<0.2
VG W -13-R341	Rock	3	3	3.78	62	<0.001	1	0.19	0.004	0.01	<0.1	0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
VG W -13-R354	Rock	<1	18	0.04	60	<0.001	1	0.03	<0.001	<0.01	1.8	0.10	0.1	<0.1	0.07	1	<0.5	0.4
VG W -13-R360	Rock	<1	3	0.12	12	<0.001	<1	<0.01	0.001	0.02	<0.1	0.09	0.2	<0.1	<0.05	<1	0.6	<0.2
VG W -13-R387C	Rock	3	4	0.18	38	0.003	2	0.12	<0.001	0.07	<0.1	0.07	0.8	<0.1	<0.05	<1	<0.5	<0.2
VG W -13-R388	Rock	17	5	0.03	548	0.013	2	0.25	0.001	0.26	0.2	0.04	4.3	0.1	<0.05	<1	<0.5	<0.2
VG W -13-R390	Rock	14	5	0.04	626	0.005	2	0.32	0.003	0.35	<0.1	0.01	5.9	0.1	<0.05	<1	<0.5	<0.2
VG W -13-R393	Rock	15	7	0.03	472	0.023	1	0.25	0.002	0.25	0.1	0.09	5.0	0.2	<0.05	<1	<0.5	<0.2
VG W -13-R394	Rock	14	26	0.49	980	0.042	3	2.62	0.014	0.21	0.1	0.09	5.4	2.9	0.15	3	2.1	<0.2
VG W -13-R396	Rock	3	6	<0.01	366	<0.001	1	0.13	0.002	0.09	<0.1	0.13	0.8	<0.1	0.06	<1	4.6	0.5
VG W -13-R397	Rock	<1	7	<0.01	341	<0.001	1	0.11	0.003	0.05	<0.1	0.06	0.4	<0.1	<0.05	<1	7.2	1.5
VG W -13-R400	Rock	7	18	0.76	107	<0.001	<1	0.86	0.009	0.15	<0.1	0.07	7.7	<0.1	2.45	2	55.4	0.3
VG W -13-R401	Rock	<1	5	<0.01	571	<0.001	<1	0.04	<0.001	0.03	<0.1	0.67	0.3	<0.1	0.23	<1	20.7	1.7
VG E -13-R407	Rock	14	8	0.05	170	<0.001	2	0.52	0.004	0.24	<0.1	0.15	1.0	0.3	<0.05	2	3.6	<0.2
VG E -13-R409	Rock	2	19	1.67	148	0.378	6	2.77	0.080	0.02	<0.1	0.01	3.4	<0.1	<0.05	11	<0.5	<0.2
VG E -13-R410	Rock	<1	8	<0.01	192	0.003	<1	0.04	0.001	0.02	<0.1	0.07	0.1	<0.1	<0.05	<1	1.1	<0.2
VG E -13-R416	Rock	<1	9	<0.01	216	<0.001	2	0.08	0.002	0.03	<0.1	0.89	0.4	0.1	<0.05	<1	1.8	<0.2
VG E -13-R418	Rock	1	1	0.20	42	<0.001	<1	0.03	0.001	0.01	<0.1	0.02	0.2	<0.1	0.08	<1	<0.5	<0.2

QUALITY CONTROL REPORT VAN13004795.1

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
VG E -13-R418	Rock	0.17	<0.1	1.0	0.6	10	<0.1	4.2	2.0	624	0.09	<0.5	<0.5	<0.1	152	0.7	0.2	<0.1	<2	31.66	0.016
REP VG E -13-R418	QC		<0.1	1.2	0.6	9	<0.1	4.7	1.9	624	0.09	<0.5	<0.5	<0.1	150	0.7	0.2	<0.1	<2	32.09	0.017
Reference Materials																					
STD DS10	Standard		14.3	150.0	151.0	354	2.0	74.6	13.0	862	2.85	44.2	84.3	7.3	66	2.4	8.5	11.5	48	1.13	0.081
STD OXC109	Standard		1.4	33.2	9.8	38	<0.1	69.7	18.7	402	2.84	0.6	185.7	1.3	132	<0.1	<0.1	<0.1	51	0.66	0.109
STD DS10 Expected			14.69	154.61	150.55	352.9	1.96	74.6	12.9	861	2.7188	43.7	91.9	7.5	67.1	2.48	9.51	11.65	43	1.0355	0.073
STD OXC109 Expected													201								
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank		<0.1	2.3	2.9	38	<0.1	2.4	3.1	507	1.72	<0.5	2.4	5.0	53	<0.1	<0.1	<0.1	31	0.40	0.060
G1	Prep Blank		<0.1	2.4	2.9	37	<0.1	2.3	3.1	493	1.64	<0.5	2.4	4.8	53	<0.1	<0.1	<0.1	30	0.43	0.060

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																			
VG E -13-R418	Rock	1	1	0.20	42	<0.001	<1	0.03	0.001	0.01	<0.1	0.02	0.2	<0.1	0.08	<1	<0.5	<0.2	
REP VG E -13-R418	QC	1	1	0.20	42	<0.001	1	0.03	0.002	0.01	<0.1	0.01	0.2	<0.1	0.09	<1	<0.5	<0.2	
Reference Materials																			
STD DS10	Standard	17	56	0.77	347	0.079	7	1.06	0.072	0.34	3.0	0.29	3.1	5.2	0.31	4	3.4	4.5	
STD OXC109	Standard	11	56	1.40	53	0.358	1	1.49	0.649	0.41	0.1	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2	
STD DS10 Expected		17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	0.289	2.8	4.79	0.2743	4.3	2.3	4.89	
STD OXC109 Expected																			
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
Prep Wash																			
G1	Prep Blank	12	6	0.43	150	0.085	<1	0.84	0.081	0.43	<0.1	<0.01	2.1	0.3	<0.05	4	<0.5	<0.2	
G1	Prep Blank	10	6	0.44	150	0.085	1	0.88	0.081	0.43	<0.1	<0.01	2.4	0.3	<0.05	4	<0.5	<0.2	

Table 5. Analytical Results - Rock Samples Van Gogh (East) and Van Gogh (West) assays were done together (combined), and can not be easily separated.

Rock Descriptions

Rock Assay Sample #	Description	Acid Test + / -
VGE-13-R407	Limonitic weathered phyllite with silicification by abundant quartz in alignment with the laminations. Some quartz veining up to 1 cm wide and mineralized by very small pyrite crystals although they are mostly weathered as rusty pits to dark brown.	-
VGE-13-R409	Limonite weathered dark gray black chert ?/ quartz that has occasional tiny pyrite crystals. Dark brown coatings on cracked faces. Noticeably heavy.	-
VGE-13-R410	Non-laminated chert? / tiny micro-crystalline dark gray quartz? Appears non-mineralized.	-
VGE-13-R416	White quartz matrix breccia with clasts of black quartz / fine grained quartzite? Some sericite is present and rock is limonite rust stained by meteoric fluids.	-
VGE-13-R418	Finely laminated gray marble with white decarbonated zones throughout at a fine scale with some sulphides? present as blackish brown spots and clots.	+

Table 6. Rock Descriptions

RGS Element Percentile Thresholds

Yukon-Tanana Terrane												
SAMPLE	AG	AS	AS_INA	AU	AU_R	AU_INA	BA	BA_INA	BI	CD	CO	CO_INA
min	0.1	0.5	0.2	0.5	0.5	1	54	270	0.1	0.1	1	2.5
50th percentile	0.1	3.5	5.8	1	4	3	870	1100	0.1	0.1	8	13
90 th percentile	0.2	13.5	15.8	9	37	10	1247.9	1700	0.26	0.6	14	21
95th percentile	0.3	22	23.4	18	85	17	1493.35	1900	0.28	1.1	17	24
98th percentile	0.5	46.02	36	46.86	172	40.8	1900	2300	0.292	2.1	22	32
99th percentile	0.7	80	54.608	96.43	280	62	2222.9	2500	0.296	3.001	29	40
max	3.3	489	280	1680	1185	1050	11550	3600	0.3	46.8	180	160
n	8206	7200	1013	7158	801	1013	7472	1013	5	7900	8206	1013
	CU	FE	FE_INA	HG	MN	MO	NI	PB	SB	SB_INA	SN	
min	1	0.11	0.7	2.5	2.5	1	1	1	0.1	0.05	0.5	
50th percentile	18	1.95	3.76	30	330	1	18	7	0.3	0.6	1	
90 th percentile	37	2.97	5.6	84	780	2	41	16	0.9	1.6	4	
95th percentile	48	3.49	6.2	119	1479.5	3	58	23	1.4	2	5	
98th percentile	68	4.337	6.8	170.5	2900	5	96.9	36	2.42	2.876	7	
99th percentile	94	5.5195	7.788	245	4899.3	7	147	47	3.6	3.488	10	
max	4510	29.9	18	3349	40546	94	1000	694	170	9.1	138	
n	8206	8206	1013	8176	8206	8206	8206	8206	7191	1013	7876	
	TA_INA	U	U_INA	V	W	W_INA	ZN	PH	F_W	U_W		
min	0.25	0.2	0.8	2.5	1	0.5	2	4.1	10	0.02		
50th percentile	0.9	3.3	3.7	35	2	0.5	63	7.2	80	0.11		
90 th percentile	1.4	8.6	13	59	3	2	123	7.9	240	1.5		
95th percentile	1.5	13.1	19	68	5	3	165	8	350	2.746		
98th percentile	1.8	26.104	34.096	83	10	4	249.8	8.2	540	5.2		
99th percentile	2	40.104	60.291	92	16	7.88	350	8.3	720	8.272		
max	2.7	236	351	470	140	29	2510	8.6	3170	255		
n	1013	7499	722	7884	7475	1013	8206	8065	8066	8065		

Table 7. Yukon-Tanana RGS Silt Percentile Threshold Cut-offs