

## Assessment Work Report 2008

GEORGE CLAIM GROUP<br>Tenures: 531574, 531575, 531576, 533550, 550171, 552308<br>on

Map sheets: 092 H 066 \& 076

Owner: Bryan Livgard Operator: Bryan Livgard

Egil Livgard P.Eng. Coquitlam B.C. February $2^{\text {th }} 2009$

## INDEX

Summary ..... page 1
Recommendations ..... 2
Estimated costs of recommendations 2
Introduction ..... 3
Property ..... 3
Tenures ..... 3
Location and access ..... 3
Topography and climate ..... 4
History ..... 4
Geology ..... 5
Rock types ..... 5
Alteration ..... 5
Structure ..... 5
Mineralization ..... 6
Rock sampling \& Geology 2008 ..... 7
Dawn ..... 7
Bark sampling ..... 7
Soil sampling ..... 7
Evaluation \& conclusions ..... 8
Personnel ..... 9
Cost Declaration ..... 10
Index Map ..... 11
Bark Samples 2 ..... 12-13
Soil Samples ..... 14
References ..... 15
MAPS:
Location map ..... after page 3
Claim map ..... 3
Geology map ..... " 6
Certificate
Appendix 1. - Analysis sheets 18

The property consists of SIX claims that cover 1776.30 hectares of favorable rock types and mineralization. The claims are owned by Bryan Livgard and they are in good standing till September $30^{\text {th }}$ 2010. The property is about 70 kilometers of paved and dirt logging roads south of Merritt B.C. The rocks types on the claims have been mapped as the Triassic Nicola Group consisting of andesitic flows, tuff, argillite and limestone. Three mineral showings have received minor exploration work consisting of trenching, pitting, geology, sampling and a magnetic survey. A limited stream silt survey was carried out in 2006. The mapping and sampling revealed copper, gold and silver mineralization in altered layered rocks in the vicinity of and certainly related to intrusive activity. The mineralization has been classified as skarn deposition that can occur as disseminations in altered rock near the alteration front or as massive alteration and replacement of limestone or carbonatious rocks. The exploration in 2007 consisted of further stream silt sampling, two grids of soil sampling, rock sampling and geological examination. The soil and rock sampling on the north part of the claims outlined anomalous soil in copper and values of gold and copper in narrow stringers. Exploration in 2008 consisted of A bark sample with analysis for halogen gasses in an attempt to reach response from mineralization at depth. Soil sampling south of last years survey was carried out without any positive results. Some geology and further rock sampling was also done. Further exploration is warranted on the northern claim and will be recommended.

1. The sample results of the bark survey, location maps and forest cover report (map) should be submitted to Colin Dunn, Biogeochemistry Consultant, for evaluation and further work is contingent upon his recommendations.
2. The property exploration has now been narrowed down to 2-3 areas each not more than about $1 / 10$ of a square kilometer.
3. An excavator should be brought in and used to construct an access road to the anomalous areas.
4. Bedrock should be exposed by trenching and diamond drill sites should be constructed
5. It is recommended that the anomalous halogen response areas and trenches be geologically mapped in detail.
6. It is recommended that six diamond drill holes in at least 3 locations be drilled to an average depth of 125 meters for a total of 750 meters. The core must be described and zones of interest must be split, sampled and analyzed. The core must be stored at a safe place.

## Estimated costs of recommendations

1. Consultant $\$ 1000$ /day -3 days + expenses $\$ 3500$
2. Geologist and helper $\$ 700 /$ day -40 days $\$ 28000$ Accommodation \& Meals $\$ 160 /$ day -40 days $\$ 6400$ Vehicle \& gas $\$ 100 /$ day - 40 days $\$ 4000$
3. Excavator $\$ 1500 /$ day - 12 days $\$ 18000$
4. diamond drilling $\$ 120 /$ meter - 750 meters $\quad \$ 90000$
5. Assaying of split core - 300 samples @ $\$ 20 / \mathrm{s} \$ 6000$ 6 report and maps

$$
\$ 5000
$$

|  | $\cdots-\ldots-\cdots$ |
| :--- | :--- |
| Contingency $10 \%$ | $\$ 140900$ |
| $\$ 14100$ |  |

## Introduction

The writer examined the claim ground particularly the area that had been sampled on July $7^{\text {th }}$ to $11^{\text {th }} 2008$ by collecting lodge pole pine bark samples and sampled rock outcrops of interest on July $14^{\text {th }}$ and $15^{\text {th }} 2008$. The property was visited again on July $18^{\text {th }}$ in a third attempt to locate Minfile showing \# 092H 127 . The showing was not located. An additional soil survey was planed and outlined. The survey was carried out Aug. $17^{\text {th }}$ to $22^{\text {nd }} 2008$ but gave only one small anomalous area in the northeast corner of the survey. Analysis for halogen gas ( $\mathrm{Br}, \mathrm{Cl}, \mathrm{F}, \mathrm{I}$ ) gave good results particularly in the southwest area of the survey near the access road.

## Property -Tenures

The property consists of six contiguous claims that cover favorable exploration ground.
The tenures: size Owner
$531574 \quad 417.76 \mathrm{Ha} \quad 100 \%$ B. Livgard
$531575 \quad 417.90 \mathrm{Ha}$ "
$531576 \quad 418.05 \mathrm{Ha}$ "
$533550 \quad 313.63 \mathrm{Ha}$ "
$550171 \quad 62.73 \mathrm{Ha}$ "
$552308 \quad 146.23 \mathrm{Ha}$ "
ALL TENURES ARE IN GOOD STANDING, subject to this report, TO SEPT $30^{\mathrm{TH}} 2010$

Totaling 6 claims covering 1776.30 Hectares

## Location and Access

The centre of the property lies approximately at UTM 5507000 N and 648000 E on map sheets 092 H 066 and 076 . The claims can be accessed by 13 to 18 km of logging road from the small village of Brookmere that lies about 7 km south of the Coaldstream river bridge on the Coquihalla Hwy about 50 km south of Merritt B.C. The logging road follows the western side of the claims and extends close to the southern boundary

## Topography and Climate

The property lies at elevations from about 1600 m to 2000 asl (above sea level).The terrain has been sculpted by heavy glaciations and by Lawless Creek and its tributaries. The creek flows south to a minimum elevation at the southern boundary of about 1400 m asl. Mount Tynne near the east boundary of the north claim is the highest point on the claims reaching just over 2000 m asl. Lawless Creek is a tributary to Tulameen River. At these elevations relatively close to the coast the snow fall will be heavy although the southern part of the claims is lower and close to a dryer interior type climate.
An examination in the summer of 2008 of the ground around Lawless Creek below the claims noted that heavy glaciations have dumped an enormous amount of glacial material down Lawless Creek about 2 to 14 kilometers below the claims. Some or much of this material has undoubtedly been moved from the claim ground.
Placer mining in this area will not find normal washed creek gravel but never the less placer staking has been extensive and some mining has been carried out, probably because a large nugget that was found many years ago.

## History

Three mineral showings have been located on the property and written up as Minfiles 092HNE046 named B and R, 092HNE068 named Dawn and 092 HNE 127 named B and R No 3. (Other names used are Mount Thynne and alternatively B and R and Dawn) The Dawn showing was located (07 exploration) about 150 meters west of its map location. These showings have received a minor amount of exploration. A few pits were excavated by hand and also apparently by a small bulldozer. A few samples are noted in the Minfiles. The geology at the pits was noted and a magnetic survey of about 15 sq. kilometers was done, about half of which was on the present northern claim and part outside the claim boundary to the east. The magnetic survey is related to mineral claims in good standing in 1964 and some very uncertain topography. The anomalous magnetic responses can, for that reason, not be correlated with the showings. The present owner carried out a 44 stream silt sample survey in 2006. The values were generally low but two creeks gave anomalous values. In 2007 further silt sampling, rock sampling and two soil grids were carried out. The northern grid gave some anomalous soil values. In 2008 a bark survey, a soil survey and some geology and rock sampling was carried out. The bark survey gave good anomalous values.

## GEORGE PROPERTY




Center: 54.5100 N 124.769W
SCALE 1 : 8,000,000

'

## GEORGE PROPERTY



## Rock types

The mapped (map place) geology on the claim ground consists of undivided Upper Triassic volcanics of the Nicola Group and to the west, a fault separating it from the volcanic, is found metamorphic rocks of Lower amphibolitic/kyanite grade also of the Nicola Group. To the east and north is found undivided volcanic of the Lower Cretaceous Spences Bridge Group. In the northeast corner of the claims is found Late Triassic to Early Jurassic unnamed dioritic intrusion. The geology around the showings as described in the minfiles, notes that the mineralization is hosted in a sequence of northward trending steeply dipping andesitic flows, tuffs, argillites and limestone of the Nicola Group. The diorite stock has intruded these rocks, has altered the surrounding rocks and has given rise to contact metamorphic mineralization. Other occurrences of intrusive rocks are noted to the south. (Ref. 3) These are described as boulder granite, peridotite, pyroxenite, augite syenite and granodiorite.

## Alteration

Exploration during the summer of 2007 and 2008 noted that a band of altered Nicola Group rocks extends from the intrusion and at least 400 meters to the southwest encompassing two of the showings. The alteration consists mainly of epidote, chlorite, pyrite, minor chalcopyrite and extensive areas of silicification and numerous irregular quartz stringers. This area also has very poor forest cover with much space between short trees and little undergrowth in part due to poor soil development.

## Structure

Little is known about structures in the area. A fault strikes northsouth along the west boundary of the claims to an intersection with two other faults striking SE and SW. This three fault intersection area is of exploration interest. The layered rocks strike Northerly and dip steeply or to the west. The orthophoto shows northerly striking lineaments - probable expressions of faulting or bedding. A sharp gully near the Dawn showing may be the location of a fault. A northeasterly striking pattern may be expressions of fracturing and perhaps small faulting. The linear intrusive - Nicola Group contact striking northwesterly over almost 2.0 kilometers on the north part of the claims may be a fault contact. It can however not be examined due to rock rubble cover falling from the topographically higher Nicola Group to the south.

## Mineralization

Mineralization that has been located on the property consists of copper in chalcopyrite, gold and silver values together with pyrite and magnetite disseminated in volcanic rocks adjoining limestone. The showings have been identified as skarn deposition and therefore are found in the vicinity of intrusives that outcrop or occur below the showings. The minfile showings named B and R, Dawn and B and R No. 3 are located respectively $300 \mathrm{~m}, 350 \mathrm{~m}$ and 1100 m southwest of the contact to the intrusion. Contact metamorphic or skarn deposits can be quite large and may by found some distance from the intrusive. A number of surface rock samples have given values of copper and minor gold. The copper minerals identified are chalcopyrite, bornite, covelite, azurite and malachite.
Lawless creek has been known as a placer creek for more than a hundred years. Placer claims cover the creek bed continuously for more than 16 kilometers from the southern George claims to the creeks confluence with the Tulameen River. The source of the creek gold has never been discovered.

## GEOLOGY MAP next page

> Blue colour: Upper Triassic Nicola Group - Lower Amphibolite/Kyanite grade metamorphic rocks.

Light green: U Triassic NG - Undivided volcanic rock
Dark green: Lower Cretaceous Spences Bridge Group - Undivided Volcanic Rocks.
Red: Late Triassic to Early Jurassic - Un-named Dioritic intrusive.
Brown: L Triassic to E Jurassic - un-named Ultramafics

## George Property



SCALE 1 : 41,802


The Dawn showing consists of extensive irregular shallow stripping, a trench about 6 m wide and 30 m long and a pit perhaps blasted out. The exposures contain scattered copper mineralization consisting of chalcopyrite, malachite and minor bornite in an altered andesite. The alteration consists mainly of silicification and epidote. The showing is located along the west side of a steep small gulley which probably hides a fault striking roughly $20^{\circ}$ Az. An old pit showing copper staining was also located east of the gully. Rocks samples collected from the Dawn showing were as follows: \# 5231 fine grained andesite with patches of epidote (5\%), copper staining and minor finely disseminated bornite. \# 5232 consisted of andesite with epidote, patches of $50 \%$ pyrite and very fine disseminated grey metallic mineral. \# 5233: Andesite epidote with bornite and covelite. \#5234 Epidote, copper staining and black quartz! .In the area east of the road at 0647246 E , 5509558 N was noted phyllitic shale with iron oxide and occasional malachite on all partings. A few small quartz lenses with iron oxide cavities were noted. Pyrite was noted on "fresh" surfaces. An aplite dyke striking northeasterly was located at $0647295 \mathrm{E}, 5509463 \mathrm{~N}$. The dyke has numerous 1 mm criss-crossing quartz stringers. The pyrite and chalcopyrite(?) is circular or slightly oval, has a strong tarnish obscuring any chalcopyrite, but Minor bornite was noted along the edge.

BARK SAMPLING and analysis for HALOGEN ELEMENTS
The outside dead bark of lodge pole pine was collected in "kraft" paper bags and sent to Activation Laboratories Ltd. for analysis of the content of the elements $\mathrm{Cl}, \mathrm{Br}, \mathrm{F}, \mathrm{I}$, One or more of which are common constituents of mineral deposits. The elements escape from the deposit and being gaseous will tend to penetrate overlaying rocks and overburden and may be taken up by surface organic growth. The lodge pole pine bark has been determined to be a good collector.

SOIL SAMPLING 2008
A soil sampling grid was laid out south of a grid which was sampled last year and gave some anomalous copper values. It was laid out to include an intrusive plug of light coloured granitic rock and also to possibly include the mineral showing 92 HNE 127 which has not been found. The samples were collected from the " B " horizon at 50 meter spacing along north-south lines spaced at 100 meters. The humus horizon was generally very thin, $5 t 010 \mathrm{~cm}$, except around the creeks at lines 5 E and $7-8 \mathrm{E}$ where it was at times up to 30 cm . The " $A$ " horizon was abot -5 to 20 cm thick. The " $B$ " horizon was
mostly about 20 cm thick with fine material in lines 0 E to 5 E , while lines $6 \mathrm{E}, 7 \mathrm{E}$ and 8 E frequently contained a lot of usually sharp rock fragments indicating that bedrock was close. Only a very few samples gave anomalous values in copper in spit of the horizon being dark brown many places. These were concentrated in the northeast corner.

## Evaluation and conclusions

The mineral showings on the George claims may perhaps be either large disseminated copper-gold deposits in rocks altered by an intrusive body, such as the QR GOLD Mine Deposits in the Cariboo region of B.C. that is found at the indurated alteration front of the intrusive body about 300 meters away from the contact, or as massive replacement mineralization in limestone such as at the Bowser Creek Deposits in Alaska (Ref. \#4) where disseminated silver-zinc occurs in altered limestone or as massive replacement of limestone. The disseminations may extend over a few kilometers in length and up to 250 m in width.
The tree fault intersection on the southwestern George claims did not return notable soil values nor did silt samples in the vicinity. The only fault exposure that has been found lies about 1.0 km away from the fault junction on the southwest striking fault branch. The five channel samples across the exposed part of the fault and one grab sample gave low values but two were anomalous in copper, and soil samples near the three fault junction indicate that the southwest fault may carry some mineralization. On the northern part of the claims the rocks have undergone contact metamorphic alteration with introduction of quartz, pyrite, chalcopyrite and gold values from near the intrusive contact and up to 400 m to perhaps 500 m southwest of the contact. At the $B$ and $R$ showing one narrow sample (7.0 cm ) gave roughly $1 / 2$ gram gold and $0.15 \%$ copper per tonne and the soil grid outlined anomalous values that extend southeasterly. Rock samples have located low grade copper gold values particularly at the Dawn showing. A bark survey covering the Nicola Group rocks from about 150 meters to 450 meters away from the contact to the intrusive rocks has indicated anomalous values in $\mathrm{Br}, \mathrm{Cl}, \mathrm{F}$, I, indicators of buried mineralization, at several locations. The writer concludes that these anomalies warrant exploration by diamond drilling.

The writer planned, supervised the program and carried out a geological examination and took rock samples. The soil and bark surveys were carried out by Bryan Livgard, geological technician with 8 to 10 seasons experience, assisted by Dag Livgard.
GEORGE PROPERTY 2008 COST DECLERATION ..... 10
Grid - Bark sampling and soil survey July $7^{\text {th }}$ to $11^{\text {th }} / 08$
Bryan Livgard, geotech. 5 days at $\$ 300 /$ day ..... \$ 1500
Assistant D. Livgard \$250/day ..... \$ 1250
Vehicle and gas $\mathbf{- 2 0 0}$ km/day @ $\$ 0.45 / \mathrm{km}-6$ days ..... 540
Accom $\$ 76.30 / \mathrm{d}-5$ days ..... \$ 382
Meals \$80/d - 5days ..... \$ 400 ..... $\$ 4072$
Geology and rock sampling - July $14^{\text {th }}-16^{\text {th }} / 08$
E. Livgard P.Eng. 3 days at \$480/day ..... \$ 1440
Assistant D. Livgard 3 days at $\$ 250 /$ day ..... \$ 750
Vehicle and gas- $200 \mathrm{~km} / \mathrm{d}$ @ $\$ 0.45 / \mathrm{km}$ - 3days ..... \$ 270
Acomm \$76.30/d 2 days ..... \$ 153
Meals \$80/day 3 days ..... \$ 240 ..... $\$ 2853$
Soil sampling - Aug. $17^{\text {th }}$ to $22^{\text {nd }} / 08$
Bryan Livgard, geothech. 6 days @ \$300/d ..... \$ 1800
Assistant D. Livgard " @ \$ 250/d ..... \$ 1500
Vehicle and gas - $200 \mathrm{~km} /$ day @ \$0.45-7d ..... \$ 630
Accomodation \$76.30/d 6 days ..... \$ 458Meals $\$ 80 / \mathrm{d}$ 6days $\$$\$ 480 \$4868Sub total$\$ 11793$
Bark analysis 71 samples @ $\$ 50$ + \$8.25 prep + 5\% \$ 4342 Freight ..... \$ 40
Assaying soil -rock ..... $\$ 2137$
Report and maps ..... 66 ..... \$1500 \$8019
TOTAL\$ 19812

Plus assessment work filing fee of $\mathbf{\$ 1 4 2 6 . 3 7}$

## George Property N Index Map



ANomALove AREAS

## George Claims 2008

Small N/S Bark Sample Grid - GC08-1 - Lines 1 and 2.


## George Claims 2008

Larger S/SE Bark Sample Grid - GC08 - Lines 1 through 4.
Chlorine Analysis (ppb)


| 0+00S | 93007800 | 1020027500 | 15000 | 9400 | 17500 | 10000 | 13900 | 13300 | 8900 | 10000 | 8900 | 14100 | 10600 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1+00S | 1080014000 | 1050022600 | 12600 | 12400 | 38200 | 32300 | 12200 | 22700 | 18500 | 9300 | 12600 | 10400 | 10600 |
| $2+005$ | 2250016900 | 3290016900 | 26200 | 17400 | 23100 | 18200 | 14900 | 16000 | 14600 | 13700 | 14600 | 27400 | 15100 |
| $3+005$ | 22400 | 3520013500 | 12000 | 19000 | 14700 | 15400 | 20100 | 10900 | 8000 | 12400 | 25100 | 12700 | 12500 |

3 times STD DEV $=21245$ ppb - Anomalies Bolded (95\% confidence interval)

## George Claims 2008

Larger S/SE Bark Sample Grid - GC08 - Lines 1 through 4.

## Bromine Analysis (ppb)



| 0+00s | 140 | 145 | 111 | 217 | 247 | 121 | 195 | 191 | 220 | 228 | 230 | 191 | 177 | 310 | 196 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $1+\infty 05$ | 110 | 146 | 109 | 311 | 251 | 222 | 293 | 297 | 221 | 273 | 183 | 258 | 264 | 324 | 172 |
| 2+00S | 283 | 179 | 232 | 162 | 344 | 287 | 305 | 332 | 336 | 316 | 270 | 266 | 348 | 380 | 269 |
| $3+005$ |  | 246 | 362 | 286 | 410 | 315 | 265 | 232 | 430 | 260 | 291 | 322 | 417 | 367) | 295 |

3 times STD DEV $=235.7 \mathrm{ppb}$ (at 95\% confidence interval) - Anomalies Bolded 4 times STD DEV $=315 \mathrm{ppb}$ (at 99\% confidence interval) - Anomalies outlined

## George Claims 2008

Larger S/SE Bark Sample Grid - GC08 - Lines 1 through 4.
lodine Analysis (ppb)

SeALS 1:7000



|  | 7 | 12.3 | 14 | 19.9 | 10 | 10.8 | 14.9 | 10.7 | 10.9 | 14.5 | 11.7 | 6.4 | 7.3 | 12.6 | 8.9 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $0+00 S$ | 12.1 | 16 | 13.1 | 17.8 | 13.8 | 14.1 | 10.7 | 17.7 | 16.7 | 18.6 | 12.7 | 15 | 12.5 | 20.7 | 10.8 |
| $1+00 S$ | 10.3 | 17.5 | 29.4 | 15.5 | 14.7 | 8.3 | 12 | 13.8 | 11.9 | 16.1 | 10.1 | 14.6 | 11.5 | 16.8 | 11.9 |
| $2+00 S$ |  | 10.4 | 18 | 12.8 | 11 | 15.4 | 21.7 | 10.3 | 26.4 | 9.9 | 12.9 | 8.5 | 10.8 | 14.5 | 16.6 |

[^0]4 times STD DEV $=17.3 \mathrm{ppb}$ (at $99 \%$ confidence interval) - Anomalies outlined $[$

## George Claims 2008

| Large Soil Grid - GC08-03 |  |  |  | Cu ppm |  |  |  | 4+00E |  | 5+00E |  | 6+00E |  | 7+00E | $8+00 \mathrm{E}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Line $\rightarrow$ | 0+00E | 1+00E |  | 2+00e |  | $3+00 E$ |  |  |  |  |  |  |  |  |
| Station |  |  |  |  |  |  |  |  |  |  |  |  |  | L 5 | $A \cap=0$ |
| 7+00N |  |  |  |  |  |  |  |  |  | 116 |  | 66 | $128$ | 215 | $\begin{aligned} & 4 O L=88 \\ & 48 \end{aligned}$ |
| 6+50N |  |  |  |  |  |  |  |  |  | 58 |  | 41 | 44 | 75 | 227 |
| $6+00 \mathrm{~N}$ |  | 18 |  | 21 |  | 23 |  | 18 |  | 45 |  | 32 | 101 | - 33 | 73 |
| $5+50 \mathrm{~N}$ |  | 15 |  | 11 |  | 32 |  | 12 |  | 20 |  | 64 | 10 | 26 | 47 |
| $5+00 \mathrm{~N}$ |  | 17 |  | 20 |  | 50 |  | 13 |  | 36 |  | 25 | 53 | 37 | 35 |
| $4+50 \mathrm{~N}$ |  | 28 |  | 26 |  | 19 |  | 33 |  | 33 |  | 19 | 47 | 32 | 31 |
| $4+00 \mathrm{~N}$ |  | 43 |  | 11 |  | 12 |  | 23 |  | 25 |  | 24 | 36 | 41 | 30 |
| $3+50 \mathrm{~N}$ |  | 28 |  | 11 |  | 26 |  | 28 |  | 26 |  | 16 | 41 | 30 | 28 |
| $3+00 \mathrm{~N}$ |  | 33 |  | 11 |  | 28 |  | 26 |  | 41 |  | 28 | 67 | 32 | 29 |
| 2+50N |  | 52 |  | 16 |  | 23 |  | 33 |  | 33 |  | 24 | 47 | 32 | 23 |
| $2+00 \mathrm{~N}$ |  | 32 |  | 36 |  | 22 |  | 18 |  | 31 |  | 38 | 17 | 59 | 25 |
| $1+50 \mathrm{~N}$ |  | 53 |  | 28 |  | 27 |  | 14 |  | 29 |  | 39 | 44 | 33 | 22 |
| $1+00 \mathrm{~N}$ |  | 62 |  | 42 |  | 14 |  | 21 |  | 22 |  | 30 | 56 | 33 | 36 |
| 0+50N |  | 48 |  | 45 |  | 21 |  | 13 |  | 17 |  | 24 | 161 | 65 | 21 |
| 0+00N |  | 43 |  | 53 |  | 39 |  | 39 |  | 27 |  | 25 | 74 | 30 | 23 |

3 times STD DEV $=96.5$ ppm (at 95\% confidence interval) - Anomalies Bolded

SCALES 1:500


## REFERENCES

(1) Minfiles 092H 046 (B and R) 092 H 068 (Dawn)
092H127 (B and R \# 3)

## Assessment reports

(2) \# 0659 Geophysical Report

Magnetic Survey by D.W. Smellie P.Eng. Oct $2^{\text {nd }} 1964$ For Bardale Mining \& Development Co.
(3) \# 16505 Geophysical Report on the Lawless placer claims

$$
\text { By M.K. Lorimer P.Eng. Oct. } 3^{\text {rd }} 1987
$$

(4) Assessment work Report 2007, George claim Group Egil Livgard P.Eng. Jan. $29^{\text {th }} 2008$
(5) Assessment work Report 2006 George claim Group Egil Livgard P.Eng. Jan. $29^{\text {th }} 2007$
(4) US geological Survey Circular 559 Bowser Creek Skarn Deposits
(5) B.C. Govt. Map place and MTO (mineral titles on line)
(6) CJES Vol. 24 pp 2521-2536
(7) Geoscience B.C. Report 2007-10 Halogen in surface Exploration Geochemistry: Evaluation and Development of Methods for Detecting buried Mineral deposits. Colin E. Dunn, Stephen J. Cook and E. M. Hall
(8) Biogeochemistry in Mineral Exploration Colin E. Dunn


## Certificate

I, Egil Livgard, of 1990 King Albert Ave., Coquitlam B.C. do hereby certify:

1. I am a geological engineer practicing from my home address.
2. I am a graduate of the University of B.C. with a B.Sc. degree in geological sciences and have regularly updated and expanded my geological knowledge through many short courses given by MDRU (Mineral Deposits Research Unit) U.B.C., GAC and AME (B.C. Chamber of Mines).
3. I am a registered member in good standing of the Association of Professional Engineers and Geoscientists of the Province of B.C., with registration number 7236. 4. I have practiced my profession for 46 years. 5. This report is based on the references as listed and on property examinations in 2006 -8 and the work described in this report.

Dated at Coquitlam, B.C. this 4th day of Febftary 2009


## Appendix : Following 18 pages of analysis sheets



ACME ANALYTICAL LABORATORIES LTD.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com
Client: Livgard, Egil

1990 King Albert Ave Coquitlam BC V3J 121 Canada
Project: RED STONE

|  |  |  |  |  |  | W | , |  |  |  |  | Page: |  |  | of 1 | Part | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| QUALITY VONTROL REPORT |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Method <br> Analyte <br> Unit <br> MDL | 1DX15 <br> La <br> ppm <br> 1 | $\begin{array}{r} \text { 1DX15 } \\ \mathrm{Cr} \\ \mathrm{ppm} \\ 1 \end{array}$ | $\begin{array}{r} \text { 1DX15 } \\ \text { Mg } \\ \% \\ 0.04 \\ \hline \end{array}$ | $\begin{array}{r} \text { 10X15 } \\ \mathrm{Ba} \\ \mathrm{ppm} \\ 1 \end{array}$ | $\begin{array}{r} \hline \text { 1DX15 } \\ \mathrm{Tj} \\ \% \\ 0.001 \\ \hline \end{array}$ | $\begin{array}{r} \hline \text { 1DX15 } \\ \mathrm{B} \\ \mathrm{ppm} \\ 1 \\ \hline \end{array}$ | $\begin{array}{r} \text { 1DX15 } \\ \text { Al } \\ \% \\ 0.01 \\ \hline \end{array}$ | $\begin{array}{r} \text { 1DX15 } \\ \mathrm{Na} \\ \% \\ 0.001 \\ \hline \end{array}$ | $\begin{array}{r} 10 \times 15 \\ K \\ \% \\ 0.01 \\ \hline \end{array}$ | $\begin{array}{r} 10 \times 15 \\ \mathrm{w} \\ \mathrm{ppm} \\ 0.1 \end{array}$ | $\begin{array}{r} \text { 1DX15 } \\ \mathrm{Hg} \\ \text { ppm } \\ 0.01 \\ \hline \end{array}$ | $\begin{array}{r} 10 \times 15 \\ \mathrm{Sc} \\ \mathrm{ppm} \\ 0.1 \end{array}$ | $\begin{array}{r} \hline \text { 10X15 } \\ \mathrm{TI} \\ \text { ppm } \\ 0.1 \end{array}$ | $\begin{array}{r} 10 \times 15 \\ \mathrm{~S} \\ \% \\ 0.05 \end{array}$ | $\begin{array}{r} \hline \text { 1DX15 } \\ \text { Ga } \\ \text { ppm } \\ 1 \end{array}$ | $\begin{array}{r\|} \hline \text { 1DX15 } \\ \mathrm{Se} \\ \mathrm{ppm} \\ 0.5 \end{array}$ |
| Pulp Duplicates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| RSS-08-14 | Silt | 10 | 30 | 0.32 | 94 | 0.198 | 1 | 1.32 | 0.023 | 0.11 | <0.1 | 0.02 | 3.8 | <0.1 | $<0.05$ | 5 | $<0.5$ |
| REP RSS-08-14 | QC | 10 | 30 | 0.33 | 96 | 0.207 | 1 | 1.33 | 0.024 | 0.12 | <0.1 | 0.02 | 3.8 | $<0.1$ | $<0.05$ | 5 | $<0.5$ |
| RSS-08-25 | Silt | 21 | 33 | 0.36 | 99 | 0.149 | 1 | 1.49 | 0.032 | 0.12 | <0.1 | 0.04 | 4.8 | 0.1 | 0.09 | 5 | 0.6 |
| REP RSS-08-25 | QC | 21 | 34 | 0.35 | 105. | 0.153 | 1 | 1.43 | 0.034 | 0.12 | <0.1 | 0.03 | 4.8 | 0.1 | $<0.05$ | 5 | 0.7 |
| Reference Materials |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STD DS7 | Standard | 14 | 197 | 1.07 | 412 | 0.126 | 39 | 1.02 | 0.091 | 0.51 | 4.1 | 0.19 | 2.7 | 4.3 | 0.22 | 5 | 3.9 |
| STD DS7 | Standard | 13 | 190 | 1.05 | 388 | 0.122 | 39 | 1.03 | 0.083 | 0.46 | 3.6 | 0.19 | 2.3 | 4.2 | 0.18 | 5 | 4.1 |
| 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 | <1 | $<0.01$ | <0.001 | $<0.01$ | $<0.1$ | $<0.01$ | $<0.1$ | <0.1 | <0.05 | $<1$ | $<0.5$ |
| BLK | Blank | $<1$ | <1 | <0.01 | <1 | <0.004 | $<1$ | $<0.01$ | <0.001 | $<0.01$ | <0.1 | $<0.01$ | <0.1 | <0.1 | $<0.05$ | <1 | $<0.5$ |

ACME ANALYTICAL IABORATORIES LTD. Final Report

Client:
File Created:
Job Number:
Number of Samples:
Project:
Shipment ID:
P.O. Number:

Received:

Sample
GC 08-03 0+00E 00+00N GC 08-03 0+00E 00+50N GC 08-03 0+00E 01+00N GC 08-03 0+00E 01+50N GC 08-03 0+00E 02+00N GC 08-03 0+00E 02+50N GC $08-030+00 E 03+00 \mathrm{~N}$ GC 08-03 0+00E 03+50N GC 08-03 0+00E 04+00N GC 08-03 0+00E 04+50N GC 08-03 $0+00 \mathrm{E} 05+00 \mathrm{~N}$ GC 08-03 0+00E 05+50N GC 08-03 0+00E 06+00N GC 08-03 1+00E $00+00 \mathrm{~N}$ GC 08-03 1+00E 00+50N GC 08-03 1+00E 01+00N GC 08-03 1+00E 01+50N GC 08-03 1+00E 02+00N GC 08-03 1+00E 02+50N GC 08-03 1+00E 03+00N GC 08-03 1+00E 03+50N GC 08-03 1+00E 04+00N GC 08-03 1+00E 04+50N GC 08-03 1+00E 05+00N GC 08-03 1+00E 05+50N GC 08-03 1+00E 06+00N GC $08-032+00 \mathrm{E} 00+00 \mathrm{~N}$ GC 08-03 2+00E 00+50N GC 08-03 2+00E 01+00N GC $08-032+00 \mathrm{E} 01+50 \mathrm{~N}$ GC $08-032+00 \mathrm{E} 02+00 \mathrm{~N}$
GC 08-03 2+00E 02+50N

Livgard Egil
08-Oct-08
VAN08009473
127
GEORGE $\angle A R G た$ SOIL GRD

17-Sep-08

|  |  | $v$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Method | 1D | 10 | 1D | 1D | 1 D |  | 1D |
| Analyte | Mo | Cu | Pb | Zn | Ag |  | Ni |
| Unit | PPM | PPM | PPM | PPM | PPM |  | PPM |
| MDL |  | 1 | 1 | 3 | 1 | 0.3 | 1 |
| Type |  |  |  |  |  |  |  |
| Sile SOIL |  | 2 | 43 | 10 | 68 | 0.3 | 46 |
| Silt |  | 2 | 48 | 9 | $69<0.3$ |  | 22 |
| Silt |  | 1 | 62 | 8 | $73<0.3$ |  | 44 |
| Silt |  | 2 | 53 | 8 | $62<0.3$ |  | 34 |
| Silt |  | 2 | 32 | 11 | $70<0.3$ |  | 22 |
| Silt |  | 1 | 52 | 7 | $60<0.3$ |  | 24 |
| Silt |  | 1 | 33 | 9 | $67<0.3$ |  | 22 |
| Silt |  | 1 | 28 | 9 | $71<0.3$ |  | 16 |
| Silt |  | 2 | 43 | 10 | $99<0.3$ |  | 24 |
| Silt | <1 |  | 28 | 7 | $69<0.3$ |  | 12 |
| Silt |  | 1 | 17 | 6 | $84<0.3$ |  | 11 |
| Silt | $<1$ |  | 15 | 8 | $59<0.3$ |  | 10 |
| Silt | <1 |  | 18 | 8 | $77<0.3$ |  | 11 |
| Silt |  | 4 | 53 | 9 | $111<0.3$ |  | 39 |
| Silt |  | 1 | 45 | 7 | $87<0.3$ |  | 17 |
| Silt |  | 2 | 42 | 11 | 188 | 0.3 | 23 |
| Silt |  | 1 | 28 | 6 | $60<0.3$ |  | 14 |
| Silt |  | 1 | 36 | 6 | $81<0.3$ |  | 16 |
| Silt | <1 |  | 16 | 7 | $50<0.3$ |  | 8 |
| Silt | <1 |  | 11 | 7 | $58<0.3$ |  | 7 |
| Silt | <1 |  | 11 | 7 | $43<0.3$ |  | 8 |
| Silt | <1 |  | 11 | 6 | $37<0.3$ |  | 7 |
| Silt | <1 |  | 26 | 7 | $66<0.3$ |  | 14 |
| Silt |  | 1 | 20 | 8 | $61<0.3$ |  | 10 |
| Silt | <1 |  | 11 | 8 | $37<0.3$ |  | 5 |
| Silt |  | 1 | 21 | 10 | $95<0.3$ |  | 15 |
| Silt |  | 2 | 39 | 8 | $82<0.3$ |  | 23 |
| Silt | <1 |  | 21 | 5 | $78<0.3$ |  | 14 |
| Silt |  | 2 | 14 | 5 | $66<0.3$ |  | 6 |
| Silt |  | 1 | 27 | 7 | $77<0.3$ |  | 18 |
| Silt |  | 2 | 22 | 6 | $92<0.3$ |  | 25 |
| Silt |  | 1 | 23 | 7 | $74<0.3$ |  | 26 |


| GC 08-03 2+00E 03+00N | Silt | <1 |  | 28 | 8 | $60<0.3$ |  | 13 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GC 08-03 2+00E 03+50N | Silt | <1 |  | 26 | 9 | $63<0.3$ |  | 13 |
| GC 08-03 2+00E 04+00N | Silt | <1 |  | 12 | 5 | $10<0.3$ |  |  |
| GC 08-03 2+00E 04+50N | Silt | <1 |  | 19 | 8 | $60<0.3$ |  | 14 |
| GC 08-03 2+00E 05+00N | Silt |  | 2 | 50 | 12 | 99 | 0.7 | 15 |
| GC 08-03 2+00E 05+50N | Silt |  | 2 | 32 | 7 | $79<0.3$ |  | 15 |
| GC 08-03 2+00E 06+00N | Silt | <1 |  | 23 | 6 | 74 | 0.5 | 12 |
| GC 08-03 3+00E 00+00N | Silt |  | 1 | 39 | 7 | $69<0.3$ |  | 15 |
| GC 08-03 3+00E 00+50N | Silt | <1 |  | 13 | 6 | $68<0.3$ |  | 7 |
| GC 08-03 3+00E 01+00N | Silt |  | 2 | 21 | 6 | $56<0.3$ |  | 9 |
| GC 08-03 3+00E 01+50N | Silt | <1 |  | 14 <3 |  | $45<0.3$ |  | 7 |
| GC 08-03 3+00E 02+00N | Silt | <1 |  | $18<3$ |  | $43<0.3$ |  | 8 |
| GC 08-03 3+00E 02+50N | Silt |  | 1 | $33<3$ |  | $73<0.3$ |  | 17 |
| GC 08-03 3+00E 03+00N | Silt | <1 |  | 26 | 4 | 64 | 0.4 | 10 |
| GC 08-03 3+00E 03+50N | Silt | <1 |  | $18<3$ |  | $81<0.3$ |  | 6 |
| GC 08-03 3+00E 04+00N | Silt | <1 |  | 23 | 4 | $78<0.3$ |  | 7 |
| GC 08-03 3+00E 04+50N | Silt | <1 |  | $33<3$ |  | 92 | 0.4 | 12 |
| GC 08-03 3+00E 05+00N | Silt | <1 |  | 13 | 4 | $56<0.3$ |  | 4 |
| GC 08-03 3+00E 05+50N | Silt | <1 |  | 12 | 4 | $67<0.3$ |  | 7 |
| GC 08-03 3+00E 06+00N | Silt | <1 |  | 18 <3 |  | $88<0.3$ |  | 9 |
| GC 08-03 4+00E 00+00N | Silt |  | 3 | $27<3$ |  | 276 | 0.3 | 6 |
| GC 08-03 4+00E 00+50N | Silt | <1 |  | 17 | 4 | $92<0.3$ |  | 9 |
| GC 08-03 4+00E 01+00N | Silt | <1 |  | $22<3$ |  | $79<0.3$ |  | 8 |
| GC 08-03 4+00E 01+50N | Silt | <1 |  | $29<3$ |  | $103<0.3$ |  | 8 |
| GC 08-03 4+00E 02+00N | Silt |  | 1 | $31<3$ |  | $79<0.3$ |  | 10 |
| GC 08-03 4+00E 02+50N | Silt | $<1$ |  | $33<3$ |  | 92 | 0.3 | 6 |
| GC 08-03 4+00E 03+00N | Silt | <1 |  | $41<3$ |  | $83<0.3$ |  | 4 |
| GC 08-03 4+00E 03+50N | Silt |  | 1 | $26<3$ |  | $73<0.3$ |  | 8 |
| GC 08-03 4+00E 04+00N | Silt | <1 |  | $25<3$ |  | 50 | 0.5 | 8 |
| GC 08-03 4+00E 04+50N | Silt |  | 1 | $33<3$ |  | 62 | 0.4 | 3 |
| GC 08-03 4+00E 05+00N | Silt | <1 |  | $36<3$ |  | 141 | 0.6 | 10 |
| GC 08-03 4+00E 05+50N | Silt |  | 2 | $20<3$ |  | $66<0.3$ |  | 11 |
| GC 08-03 4+00E 06+00N | Silt | <1 |  | $45<3$ |  | 78 | 0.4 | 34 |
| GC 08-03 4+00E 06+50N | Silt |  | 1 | $58<3$ |  | $61<0.3$ |  | 32 |
| GC 08-03 4+00E 07+00N | Silt | <1 |  | $116<3$ |  | $54<0.3$ |  | 36 |
| GC 08-03 5+00E 00+00N | Silt | <1 |  | 25 | 5 | 78 | 0.4 | 20 |
| GC 08-03 5+00E 00+50N | Silt | <1 |  | $24<3$ |  | $74<0.3$ |  | 16 |
| GC 08-03 5+00E 01+00N | Silt |  | 1 | $30<3$ |  | $99<0.3$ |  | 22 |
| GC 08-03 5+00E 01+50N | Silt | $<1$ |  | $39<3$ |  | 81 | 0.3 | 22 |
| GC 08-03 5+00E 02+00N | Silt | <1 |  | $38<3$ |  | 103 | 0.4 | 15 |
| GC 08-03 5+00E 02+50N | Silt | <1 |  | $24<3$ |  | 106 | 0.5 | 14 |
| GC 08-03 5+00E 03+00N | Silt | <1 |  | 28 | 5 | 114 | 0.6 | 14 |
| GC 08-03 5+00E 03+50N | Silt |  | 2 | 16 | 5 | 273 | 0.8 | 9 |
| GC 08-03 5+00E 04+00N | Silt |  | 2 | $24<3$ |  | $273<0.3$ |  | 6 |
| GC 08-03 5+00E 04+50N | Silt | <1 |  | $19<3$ |  | 43 | 0.5 | 10 |
| GC 08-03 5+00E 05+00N | Silt | <1 |  | $25<3$ |  | 62 | 0.5 | 14 |
| GC 08-03 5+00E 05+50N | Silt |  | 1 | 64 | 9 | 68 | 0.4 | 26 |


| GC 08-03 5+00E 06+00N | Silt |  | 3 | 32 | 5 | 66 | 0.4 | 23 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GC 08-03 5+00E 06+50N | Silt |  | 1 | 41 | 7 | $69<0.3$ |  | 21 |
| GC 08-03 5+00E 07+00N | Silt |  | 2 | 66 | 6 | $79<0.3$ |  | 27 |
| GC 08-03 6+00E 00+00N | Silt | <1 |  | 74 | 5 | $98<0.3$ |  | 38 |
| GC 08-03 6+00E 00+50N | Silt | <1 |  | 161 | 6 | 85 | 0.7 | 44 |
| GC 08-03 6+00E 01+00N | Silt | <1 |  | 56 | 6 | 72 | 0.4 | 31 |
| GC 08-03 6+00E 01+50N | Silt | <1 |  | 44 | 4 | 61 | 0.4 | 34 |
| GC 08-03 6+00E 02+00N | Sift | <1 |  | 17 | 6 | 52 | 0.3 | 19 |
| GC 08-03 6+00E 02+50N | Silt | <1 |  | 47 | 3 | 53 | 0.5 | 58 |
| GC 08-03 6+00E 03+00N | Silt | <1 |  | 67 | 7 | $69<0.3$ |  | 36 |
| GC 08-03 6+00E 03+50N | Silt | <1 |  | 41 | 8 | 77 | 0.4 | 30 |
| GC 08-03 6+00E 04+00N | Silt |  | 1 | 36 | 6 | 67 | 0.5 | 26 |
| GC 08-03 6+00E 04+50N | Silt | <1 |  | 47 | 5 | 74 | 0.4 | 45 |
| GC 08-03 6+00E 05+00N | Silt | <1 |  | 53 | 6 | 48 | 0.4 | 48 |
| GC 08-03 6+00E 05+50N | Silt |  | 1 | 10 | 14 | 59 | 0.4 | 10 |
| GC 08-03 6+00E 06+00N | Silt |  | 3 | 101 | 8 | $57<0.3$ |  | 24 |
| GC 08-03 6+00E 06+50N | Silt |  | 2 | 44 | 8 | 75 | 0.3 | 18 |
| GC 08-03 6+00E 07+00N | Silt |  | 3 | 128 | 5 | $68<0.3$ |  | 19 |
| GC 08-03 7+00E 00+00N | Silt |  | 1 | $30<3$ |  | 57 | 0.3 | 21 |
| GC 08-03 7+00E 00+50N | Silt | <1 |  | 65 | 8 | 81 | 0.3 | 27 |
| GC 08-03 7+00E 01+00N | Silt | <1 |  | 33 | 8 | 67 | 0.3 | 31 |
| GC 08-03 7+00E 01+50N | Silt | <1 |  | 33 | 5 | 54 | 0.4 | 24 |
| GC 08-03 7+00E 02+00N | Silt |  | 1 | 59 | 9 | $49<0.3$ |  | 33 |
| GC 08-03 7+00E 02+50N | Silt |  | 2 | 32 | 9 | $59<0.3$ |  | 23 |
| GC 08-03 7+00E 03+00N | Silt |  | 2 | 32 | 9 | 66 | 0.3 | 30 |
| GC 08-03 7+00E 03+50N | Silt |  | 2 | 30 | 6 | 52 | 0.4 | 26 |
| GC 08-03 7+00E 04+00N | Silt |  | 1 | 41 | 8 | 51 | 0.5 | 27 |
| GC 08-03 7+00E 04+50N | Silt |  | 2 | 32 | 8 | $57<0.3$ |  | 22 |
| GC 08-03 7+00E 05+00N | Silt |  | 2 | 37 | 7 | 67 | 0.6 | 21 |
| GC 08-03 7+00E 05+50N | Silt | <1 |  | 26 | 11 | $73<0.3$ |  | 25 |
| GC 08-03 7+00E 06+00N | Silt | <1 |  | 33 | 8 | $70<0.3$ |  | 23 |
| GC 08-03 7+00E 06+50N | Silt |  | 2 | 75 | 12 | $106<0.3$ |  | 26 |
| GC 08-03 7+00E 07+00N | Silt |  | 1 | 215 | 8 | $69<0.3$ |  | 25 |
| GC 08-03 8+00E 00+00N | Silt |  | 1 | 23 | 16 | 83 | 0.3 | 16 |
| GC 08-03 8+00E 00+50N | Silt |  | 1 | 21 | 10 | 83 | 0.5 | 16 |
| GC 08-03 8+00E 01+00N | Silt | <1 |  | 36 | 5 | $64<0.3$ |  | 17 |
| GC 08-03 8+00E 01+50N | Silt | <1 |  | 22 | 6 | $63<0.3$ |  | 21 |
| GC 08-03 8+00E 02+00N | Silt | <1 |  | 25 | 13 | $121<0.3$ |  | 19 |
| GC 08-03 8+00E 02+50N | Silt |  | 1 | 23 | 5 | $52<0.3$ |  | 19 |
| GC 08-03 8+00E 03+00N | Silt | <1 |  | 29 | 4 | $53<0.3$ |  | 23 |
| GC 08-03 8+00E 03+50N | Silt | <1 |  | 28 | 8 | $56<0.3$ |  | 19 |
| GC 08-03 8+00E 04+00N | Silt |  | 1 | 30 | 5 | $61<0.3$ |  | 23 |
| GC 08-03 8+00E 04+50N | Silt |  | 3 | 31 | 4 | $76<0.3$ |  | 25 |
| GC 08-03 8+00E 05+00N | Silt | <1 |  | 35 | 8 | $63<0.3$ |  | 30 |
| GC 08-03 8+00E 05+50N | Silt |  | 1 | 47 | 6 | $58<0.3$ |  | 42 |
| GC 08-03 8+00E 06+00N | Silt | <1 |  | 73 | 7 | $66<0.3$ |  | 36 |
| GC 08-03 8+00E 06+50N | Silt |  | 1 | 227 | 5 | $68<0.3$ |  | 31 |




| 9 | 386 | 3.46 | $2<8$ | $<2$ |  | 4 | $0.08<2$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11 | 925 | 3.14 | 3 | $9<2$ |  | 3 | $0.27<2$ |  |
| 2 | 48 | $0.79<2$ | $<8$ | $<2$ | $<3$ |  | 0.2 | 2 |
| 7 | 350 | 3.29 | $3<8$ | $<2$ |  | 3 | $0.1<2$ |  |
| 12 | 1675 | 3.05 | 4 | $11<2$ |  | 4 | 0.67 | 3 |
| 10 | 450 | 3.39 | $2<8$ | $<2$ |  | 5 | $0.14<2$ |  |
| 9 | 613 | 3.36 | 2 | $12<2$ |  | 4 | $0.09<2$ |  |
| 11 | 952 | $3.66<2$ |  | $9<2$ | $<3$ |  | $0.23<2$ |  |
| 6 | 995 | $3.84<2$ | $<8$ | <2 |  | 4 | $0.07<2$ |  |
| 7 | 392 | $3.5<2$ | $<8$ | $<2$ |  | 4 | 0.07 | 3 |
| 8 | 465 | $4.02<2$ | $<8$ | $<2$ |  | 10 | $0.04<2$ |  |
| 7 | 499 | $3.39<2$ | $<8$ | $<2$ |  | 8 | $0.04<2$ |  |
| 14 | 1044 | $4.56<2$ | $<8$ | $<2$ |  | 9 | 0.27 | 2 |
| 7 | 663 | $2.96<2$ | $<8$ | $<2$ |  | 6 | $0.26<2$ |  |
| 10 | 1712 | $3.99<2$ | $<8$ | $<2$ |  | 11 | 0.18 | 3 |
| 9 | 707 | $4.51<2$ | $<8$ | $<2$ |  | 6 | 0.08 | 3 |
| 13 | 1020 | $4.75<2$ | $<8$ | $<2$ |  | 7 | $0.27<2$ |  |
| 4 | 460 | $2.98<2$ |  | $10<2$ |  | 11 | $0.04<2$ |  |
| 5 | 286 | $3.07<2$ | $<8$ | $<2$ |  | 10 | $0.11<2$ |  |
| 7 | 542 | $3.77<2$ | $<8$ | $<2$ |  | 4 | $0.07<2$ |  |
| 7 | 1070 | $3.67<2$ | $<8$ | <2 |  | 11 | $0.05<2$ |  |
| 8 | 499 | $3.83<2$ | $<8$ | $<2$ |  | 7 | $0.09<2$ |  |
| 6 | 446 | $3.91<2$ | $<8$ | $<2$ |  | 11 | $0.08<2$ |  |
| 8 | 493 | $4.03<2$ | $<8$ | $<2$ |  | 3 | $0.05<2$ |  |
| 13 | 1757 | $3.48<2$ | $<8$ | $<2$ |  | 15 | 0.21 | 3 |
| 9 | 1948 | $5.11<2$ | $<8$ | $<2$ |  | 6 | $0.18<2$ |  |
| 6 | 1679 | $4<2$ | $<8$ | $<2$ |  | 7 | 0.41 | 2 |
| 6 | 492 | $3.52<2$ | $<8$ | $<2$ | $<3$ |  | $0.07<2$ |  |
| 5 | 307 | $3.02<2$ | $<8$ | $<2$ |  | 8 | $0.09<2$ |  |
| 5 | 263 | $3.36<2$ | $<8$ | $<2$ |  | 9 | $0.05<2$ |  |
| 9 | 1531 | $3.88<2$ | $<8$ | <2 |  | 4 | $0.04<2$ |  |
| 11 | 884 | $2.97<2$ |  | $12<2$ |  | 11 | $0.22<2$ |  |
| 13 | 552 | 4.04 | $14<8$ | $<2$ |  | 15 | $0.15<2$ |  |
| 18 | 500 | 3.79 | $3<8$ | $<2$ |  | 7 | $0.36<2$ |  |
| 22 | 544 | $3.76<2$ | $<8$ | $<2$ |  | 5 | $0.31<2$ |  |
| 11 | 525 | $3.75<2$ |  | $10<2$ |  | 7 | $0.11<2$ |  |
| 10 | 377 | $3.88<2$ | $<8$ | $<2$ |  | 6 | $0.1<2$ |  |
| 13 | 900 | 3.92 | $3<8$ | $<2$ | $<3$ |  | $0.15<2$ |  |
| 16 | 1071 | $4.36<2$ | $<8$ | $<2$ | <3 |  | $0.17<2$ |  |
| 14 | 999 | 3.73 | $3<8$ | $<2$ |  | 8 | 0.15 | 2 |
| 13 | 965 | $3.59<2$ | $<8$ | $<2$ |  | 5 | 0.22 | 2 |
| 10 | 599 | $3.65<2$ |  | $9<2$ |  | 8 | 0.12 | 3 |
| 7 | 1273 | $3.21<2$ | $<8$ | $<2$ |  | 4 | $0.15<2$ |  |
| 8 | 1200 | 3.64 | $2<8$ | $<2$ |  | 8 | $0.09<2$ |  |
| 6 | 231 | $2.83<2$ | $<8$ | $<2$ | $<3$ |  | $0.11<2$ |  |
| 8 | 324 | 3.75 | $5<8$ | $<2$ |  | 5 | $0.11<2$ |  |
| 20 | 1264 | 3.73 | $5<8$ | $<2$ |  | 8 | $0.34<2$ |  |


| 16 | 480 | 3.84 | $7<8$ | <2 |  | 4 | $0.18<2$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 13 | 325 | 3.51 | $2<8$ | <2 |  | 4 | $0.16<2$ |
| 26 | 736 | $3.59<2$ | <8 | <2 |  | 4 | $0.56<2$ |
| 21 | 600 | 3.8 | $8<8$ | <2 |  | 4 | $0.39<2$ |
| 23 | 780 | 3.93 | $3<8$ | <2 |  | 5 | $0.64<2$ |
| 18 | 646 | 3.81 | $4<8$ | <2 |  | 5 | $0.28<2$ |
| 17 | 765 | 3.67 | $4<8$ | $<2$ | <3 |  | $0.19<2$ |
| 10 | 629 | 3.54 | $5<8$ | $<2$ | $<3$ |  | $0.18<2$ |
| 22 | 1085 | $4.14<2$ | $<8$ | <2 | <3 |  | $0.3<2$ |
| 20 | 597 | 3.87 | $2<8$ | <2 |  | 3 | $0.24<2$ |
| 18 | 630 | 3.78 | $5<8$ | <2 | <3 |  | $0.33<2$ |
| 16 | 563 | 3.64 | $4<8$ | <2 |  | 4 | $0.26<2$ |
| 21 | 717 | 4.86 | $5<8$ | <2 | <3 |  | $0.17<2$ |
| 19 | 432 | $3.87<2$ | <8 | <2 | <3 |  | $0.27<2$ |
| 7 | 936 | 3.75 | $7<8$ | <2 |  | 4 | $0.18<2$ |
| 49 | 582 | 3.7 | $7<8$ | <2 | $<3$ |  | $0.42<2$ |
| 17 | 623 | 3.33 | $2<8$ | <2 | <3 |  | $0.37<2$ |
| 22 | 1065 | 3.04 | $4<8$ | <2 |  | 3 | $0.99<2$ |
| 15 | 580 | $3.46<2$ | <8 | <2 | $<3$ |  | $0.23<2$ |
| 17 | 733 | 3.27 | $5<8$ | <2 | $<3$ |  | $0.28<2$ |
| 18 | 1134 | $3.59<2$ | $<8$ | $<2$ | <3 |  | $0.45<2$ |
| 14 | 413 | 3.53 | $4<8$ | <2 | <3 |  | $0.19<2$ |
| 25 | 765 | $3.39<2$ | <8 | <2 |  | 6 | $0.22<2$ |
| 15 | 525 | $3.37<2$ | <8 | $<2$ |  | 3 | $0.18<2$ |
| 16 | 693 | 3.59 | $2<8$ | <2 |  | 5 | $0.3<2$ |
| 24 | 660 | 3.43 | $3<8$ | <2 | <3 |  | $0.15<2$ |
| 18 | 355 | 3.57 | $7<8$ | <2 |  | 4 | $0.22<2$ |
| 22 | 413 | 3.58 | $5<8$ | $<2$ | $<3$ |  | $0.25<2$ |
| 17 | 853 | 3.19 | $7<8$ | <2 | <3 |  | $0.41<2$ |
| 25 | 935 | 3.88 | $5<8$ | <2 |  | 3 | $0.29<2$ |
| 18 | 718 | 3.46 | $4<8$ | <2 | $<3$ |  | $0.19<2$ |
| 22 | 1437 | 3.51 | $6<8$ | <2 | $<3$ |  | $0.69<2$ |
| 17 | 632 | 3.79 | $5<8$ | <2 |  | 7 | $0.32<2$ |
| 12 | 912 | 3.36 | $5<8$ | $<2$ | <3 |  | $0.29<2$ |
| 12 | 1018 | 3.36 | $9<8$ | $<2$ |  | 3 | $0.35<2$ |
| 22 | 1601 | 4.34 | $4<8$ | <2 |  | 3 | $0.28<2$ |
| 15 | 647 | 3.76 | $5<8$ | <2 |  | 8 | $0.4<2$ |
| 12 | 902 | 3.67 | $7<8$ | <2 |  | 5 | $0.25<2$ |
| 14 | 506 | 3.36 | $4<8$ | <2 |  | 7 | $0.3<2$ |
| 15 | 549 | 3.58 | $6<8$ | <2 | $<3$ |  | $0.27<2$ |
| 13 | 581 | 3.55 | $4<8$ | <2 | <3 |  | $0.19<2$ |
| 14 | 674 | 3.79 | $5<8$ | <2 |  | 3 | $0.21<2$ |
| 16 | 1115 | 3.23 | $3<8$ | <2 |  | 3 | $0.98<2$ |
| 22 | 997 | 4.04 | $6<8$ | <2 |  | 4 | $0.3<2$ |
| 31 | 1626 | 4.61 | $7<8$ | $<2$ | <3 |  | $0.3<2$ |
| 28 | 1495 | 4.16 | $6<8$ | <2 |  | 4 | $0.31<2$ |
| 29 | 991 | 4.18 <2 | <8 | <2 | <3 |  | $0.31<2$ |


|  | 17 | 1396 |  | 3.31 | $4<8$ | $<2$ | <3 |  |  | $0.85<2$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 26 | 736 |  | $3.59<2$ | $<8$ | $<2$ |  | 4 |  | $0.56<2$ |  |
|  | 26 | 736 |  | 3.51 | $4<8$ | <2 | $<3$ |  |  | $0.56<2$ |  |
|  | 11 | 730 |  | $3.29<2$ | <8 | $<2$ |  | 4 |  | $0.27<2$ |  |
|  | 11 | 742 |  | 3.33 | 3 | $8<2$ |  | 5 |  | $0.27<2$ |  |
|  | 13 | 965 |  | $3.59<2$ | $<8$ | <2 |  | 5 |  | 0.22 | 2 |
|  | 13 | 949 |  | 3.59 | $2<8$ | <2 |  | 8 |  | $0.22<2$ |  |
|  | 9 | 631 |  | 2.42 | $46<8$ | $<2$ | <3 |  |  | 0.97 | 4 |
|  | 9 | 627 |  | 2.41 | $53<8$ | <2 |  | 3 |  | 0.97 | 2 |
|  | 8 | 612 |  | 2.29 | 50 | $8<2$ |  | 8 |  | 0.92 | 4 |
|  | 8 | 617 |  | 2.29 | 49 | $8<2$ |  | 7 |  | 0.93 | 4 |
|  | 9 | 659 |  | 2.45 | $54<8$ | <2 |  | 10 |  | 1 | 2 |
|  | 9 | 637 |  | 2.36 | $52<8$ | <2 |  | 12 |  | 0.98 | 2 |
|  | 8 | 568 |  | 2.15 | $43<8$ | <2 |  | 4 |  | 0.84 | 6 |
|  | 9 | 577 |  | 2.17 | $48<8$ | $<2$ |  | 5 |  | 0.84 | 5 |
|  | 8 | 617 |  | 2.42 | 45 | $15<2$ |  | 14 |  | 0.93 | 7 |
|  | 8 | 629 |  | 2.48 | 48 | $10<2$ |  | 6 |  | 0.96 | 4 |
| $<1$ | $<2$ |  | $<0.01$ | $<2$ | $<8$ | <2 | $<3$ |  | <0.01 | $<2$ |  |
| <1 | <2 |  | $<0.01$ | $<2$ | $<8$ | <2 | $<3$ |  | <0.01 | $<2$ |  |
| <1 | $<2$ |  | $<0.01$ | $<2$ | $<8$ | $<2$ | $<3$ |  | <0.01 | <2 |  |
| <1 | <2 |  | <0.01 | $<2$ | $<8$ | <2 | <3 |  | <0.01 | $<2$ |  |
| <1 | $<2$ |  | <0.01 | $<2$ | <8 | <2 | <3 |  | <0.01 | <2 |  |

ACME ANALYTICAL LABORATORIES LTD.
Final Report
Client: Livgard Egil
File Create 02-Oct-08
Job Numbe VAN08009470
Number of 7
Project: GEORGE
Shipment ID:
P.O. Number:

Received: 17-Sep-08






# Date Submitted: 11-Aug-08 <br> Invoice No.: A08-4979 <br> Invoice Date: 08-Sep-08 <br> Your Reference: 

## Egil Livgard <br> 1990 King Albert Avenue Coquitlam BC V3J 1 Z2 <br> Canada

ATTN: Egil Livgard

## CERTIFICATE OF ANALYSIS

71 Vegetation samples were submitted for analysis.
The following analytical package was requested: Code Halogen Veg Pkg Halogen Vegetation-HR-ICPMS/ISE

```
REPORT
A08-4979
```

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

## Notes:

CERTIFIED BY:


| Invoice No.: | A08-4979 |
| :--- | :--- |
| Purchase Order: |  |
| Invoice Date: | 08-Sep-08 |
| Date submitted: | 11-Aug-08 |
| Your Reference: |  |
| GST \# : | R121979355 |

Egil Livgard
1990 King Albert Ave.
Coquitlam BC V3J 122
Canada

ATTN Egil Livgard
INVOICE

| No. samples | Description | Unit Price | Total |  |
| ---: | :--- | ---: | ---: | ---: |
| 71 | B3 |  | $\$ 8.25$ | $\$ 585.75$ |
| 71 | Code 2F |  | $\$ 61.75$ | $\$ 4,384.25$ |
|  |  |  | Subtotal: $:$ | $\$ 4,970.00$ |
|  |  |  |  |  |
|  |  |  |  |  |

Net 30 days. $1 \mathbf{1 / 2} \%$ per month charged on overdue accounts.
Bank Transfers can be made to:
ACTIVATION LABORATORIES LTD at
ROYAL BANK OF CANADA
59 WILSON STREET WEST
ANCASTER, ONTARIO CANADA L9G 1N1
TRANSIT \#: 00102003 ACCOUNT \#: 1001544
SWIFT CODE\#: ROYCCAT2

Please reference the invoice number when making a payment by BankWire transfer. Thank you!

Report: A08-4979 Report Date: 9/8/2008

FABK
.

Final Report Activation Laboratories

| Analyte Symbor |  | Cl | Br | 1 | F |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Unit Symbot |  | ppb | ppb | ppb | ppm |
| Detection | On Limit | 300 | 5 | 0.2 | 0.04 |
| Analysis | Is Method | HR-ICPMS | HR-ICP-MS | HR-ICP-MS | FUS-ISE |
| GCOB-1 | LINE $10+6000+000$ | 15200 | 281 | 13 | < 0.4 |
| GC08-1 | LINE $11+00 \mathrm{~N} 0+00 \mathrm{E}$ | 22000 | 388 | 29.4: | $<0.4$ |
| GC08-1 | LINE 1 2+00N $0+00 \mathrm{E}$ | 16000 | 290 | 17.6 | $<0.4$ |
| GCOS-1 | LINE $13+00 \mathrm{~N} 0+00 \mathrm{E}$ | 16800 | 174 | 19.6 | 0.5 |
| GC08-1 | LINE $14+00 \mathrm{~N} 0+00 \mathrm{E}$ | 9300 | 157 | 10.5 | $<0.4$ |
| GC08-1 | 1 LINE $15+00 \mathrm{~N} 0+00 \mathrm{E}$ | 10800 | 119 | 10.2 | < 0.4 |
| GC08-1 | LINE 2 1+00E 0+00N | 21700 | 382 | 20.8 * | . $<0.4$ |
| GC08-1 | LINE 2 1+00E 1+00N | 14400 | 182 | 16.4 | 0.5 |
| GC08-1 | LINE 2 1+00E 2+00N | 15200 | 241 | 19.9 | $<0.4$ |
| GC08-1 | LINE 2 1+00E 3+00N | 18800 | 249 | 16.3 | < 0.4 |
| GC08-1 | LINE 2 1+00E 4+00N | 6200 | B5 | 8.8 | $<0.4$ |
| GC08-1 | 1 LINE $21+00 \mathrm{E} 5+00 \mathrm{~N}$ | 11500 | 288 | 10.9 | $<0.4$ |
| GCOB | LINE $10+00$ S 0+COSE | 8300 | 140 | 7 | $<0.4$ |
| GC08 | LINE $10+0051+00$ SE | 7800 | 145 | 12.3 | $<0.4$ |
| GC08 | LINE $10+005$ 2+00SE | 10200 | 114 | 14 | < 0.4 |
| GC08 | LINE $10+0053+00 S E$ | 27500 | 217 | 19.9 | 0.63 |
| GCOB | LINE $10+0054+00 S E$ | 15000 | 247 | 10 | $<0.4$ |
| GC08 | LINE $10+00 S$ 5+00SE | 9400 | 121 | 10.8 | $<0.4$ |
| GC08 | LINE $10+005$ 6+00SE | 17500 | 195 | 14.9 | $<0.4$ |
| GC08 | LINE $10+00 S$ 7+00SE | 40000 | 481 | 10.7 | $<0.4$ |
| GC08 | LINE $10+0058+005 E$ | 13900 | 220 | 10.8 | $<0.4$ |
| GC08 | LINE $10+00 \mathrm{~S} 9+00 \mathrm{SE}$ | 13300 | 228 | 14.5 | < 0.4 |
| GC08 | LINE $10+00510+00 S E$ | 8900 | 230 | 11.7 | $<0.4$ |
| GC08 | LINE $10+00511+$ OOSE | 10000 | 181 | 8.4 | $<0.4$ |
| GC08 | LINE $10+00 S$ 12+00SE | 8900 | 477 | 7.3 | $<0.4$ |
| GC08 | LINE $10+00 \mathrm{~S}$ 13+00SE | 14100 | 310 | 12.6 | < 0.4 |
| GCO8 | LINE $10+00$ S 14+00SE | 10600 | 188 | 8.9 | < 0.4 |
| GC08 | LINE $21+0050+00 S E$ | 10800 | 110 | 12.1 | < 0.4 |
| GC08 | LINE $21+00 \mathrm{~S} 1+00 \mathrm{SE}$ | 14000 | 146 | 18 | $<0.4$ |
| GC08 | LINE $2 \uparrow+00 \mathrm{~S} 2+00 \mathrm{SE}$ | 10500 | 109 | 13.1 | < 0.4 |
| GC08 | LINE $21+00$ 3+00SE | 22800 | 311 | 17.8 | $<0.4$ |
| GC08 | LINE $21+0054+00 S E$ | 12800 | 251 | 13.8 | $<0.4$ |
| GC08 | LINE $21+00$ 5+00SE | 12400 | 222 | 14.1 | $<0.4$ |
| GC08 | LINE $21+0058+00 S E$ | 38200 | 2931 | 10.7 | $<0.4$ |
| GC08 | LINE $21+0057+00 S E$ | 32300 | 297 | 37.7 | $<0.4$ |
| GC08 | LINE 2 ¢+00S 8+00SE | 12200 | 221 | 16.7 | $<0.4$ |
| GC08 | LINE $21+005$ 9+00SE | 22700 | 273 | 18.6 | < 0.4 |
| GC08 | LINE $21+00510+005 E$ | 18500 | 183 | 12.7 | < 0.4 |
| GC08 | LINE $21+00511+008 \mathrm{E}$ | 9300 | 258 | 15 | $<0.4$ |
| GC08 | LINE $21+00 \mathrm{~S}$ 12+00SE | 12800 | 264 | 12.5 | < 0.4 |
| GC08 | LINE $21+00 \mathrm{~S}$ 13+00SE | 10400 | 324 | 20.7 . | < 0.4 |
| GC08 | LINE $21+00$ 14+00SE | 10800 | 172 | 10.8 | < 0.4 |
| GCOB | LINE 3 2+00S $0+00$ SE | 22500 | 283 | 10.3 | $<0.4$ |
| GC08 | LINE 3 2+00S 1+00SE | 48900 | 179 | 17.5 | < 0.4 |
| GC08 | LINE 3 2+00S 2+00SE | 32900 | 232 | 29.4 | , <0.4 |
| GC08 | LINE $32+00$ 3+00SE | 18800 | 162 | 15.5 | $<0.4$ |
| GC08 | LINE 3 2+00S 4+00SE | 26200 | 344 | 14.7 | < 0.4 |
| GC08 | LINE 3 2+00S 5+00SE | 17400 | 287 | 8.3 | < 0.4 |
| GC08 | LINE 3 2+00S 6+00SE | 23100 | 305 | 12 | < 0.4 |

Report: A08-4979 Report Date: 9/8/2008

Final Report
Activation Laboratories

| Anahte Symbol |  | Cl | Br | 1 | F |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Unit 8ymbol |  | ppb | ppb | ppb | ppm |
| Detection Limit Analysis Method |  | 300 | 5 | 0.2 | 0.04 |
|  |  | HR-ICP-MS | HR-ICP-MS | HR-ICP-MS | FUS-ISE |
| GCOOS- | TINE $0+00 \mathrm{ECO}+00 \mathrm{~N}$ | 15200 | 287 | 13 | $<0.4$ |
| GC08 | LINE 3 2+00S 7+00SE | 18200 | 332 | 13.8 | $<0.4$ |
| GC08 | LINE 3 2+00S 8+00SE | 14900 | 338 | 11.8 | $<0.4$ |
| GC08 | LINE 3 2+00S 9+00SE | 18000 | 316 | 18.1 | $<0.4$ |
| GC08 | LINE 3 2+00S 10+00SE | 14800 | 270 | 10.1 | $<0.4$ |
| GCOB | LINE 3 2+00S 11+00SE | 13700 | 288 | 14.6 | $<0.4$ |
| GC08 | LINE $32+00$ 12+00SE | 14800 | 348 | 11.5 | $<0.4$ |
| GC08 | LINE 3 2+00S 13+00SE | 27400 | 380 | 18.8 | $<0.4$ |
| GC08 | LINE 3 2+00S 14+00SE | 15100 | 288 | 11.8 | $<0.4$ |
| GC08 | LINE $43+0$ S $1+00$ SE | 22400 | 248 | 10.4 | $<0.4$ |
| GC08 | LINE $43+00$ S $2+00$ SE | 36200 . | 362. | 18. | $<0.4$ |
| GC08 | LINE $43+00$ S $3+00$ SE | 13500 | 288 | 12.8 | $<0.4$ |
| GC08 | LINE 4 3+00S 4+00SE | 12000 | 410 | 11 | $<0.4$ |
| GC08 | LINE 4 3+00S 5+00SE | 18000 | 315 | 15.4 | $<0.4$ |
| GC08 | LINE 4 3+00S 8+00SE | 14700 | 285 | 21.7 | $<0.4$ |
| GC08 | LINE $43+00$ S $7+00$ SE | 15400 | 232 | 10.3 | $<0.4$ |
| GCOB | LINE $43+00$ S $8+00$ SE | 20100 | 430. | 26.4 * | $<0.4$ |
| GCOB | LINE $43+00$ S $8+00$ SE | 10000 | 280 | 0.8 | $<0.4$ |
| GC08 | LINE 4 3+00S 10+00SE | 8000 | 291 | 12.8 | $<0.4$ |
| GC08 | LINE 4 3+00S 11+00SE | 12400 | 322 | 8.5 | $<0.4$ |
| GCOB | LINE 4 3+00S 12+00SE | 25100 | 417 | 10.8 | $<0.4$ |
| GCO8 | LINE 4 3+00S 13+00S/E | 12700 | 387 | 14.5 | $<0.4$ |
| GC08 | LINE 4 3+00S 14+00SE | 12500 | 295 | 16.6 | $<0.4$ |


[^0]:    3 times STD DEV $=13 \mathrm{ppb}$ (at $95 \%$ confidence interval) - Anomalies Bolded

