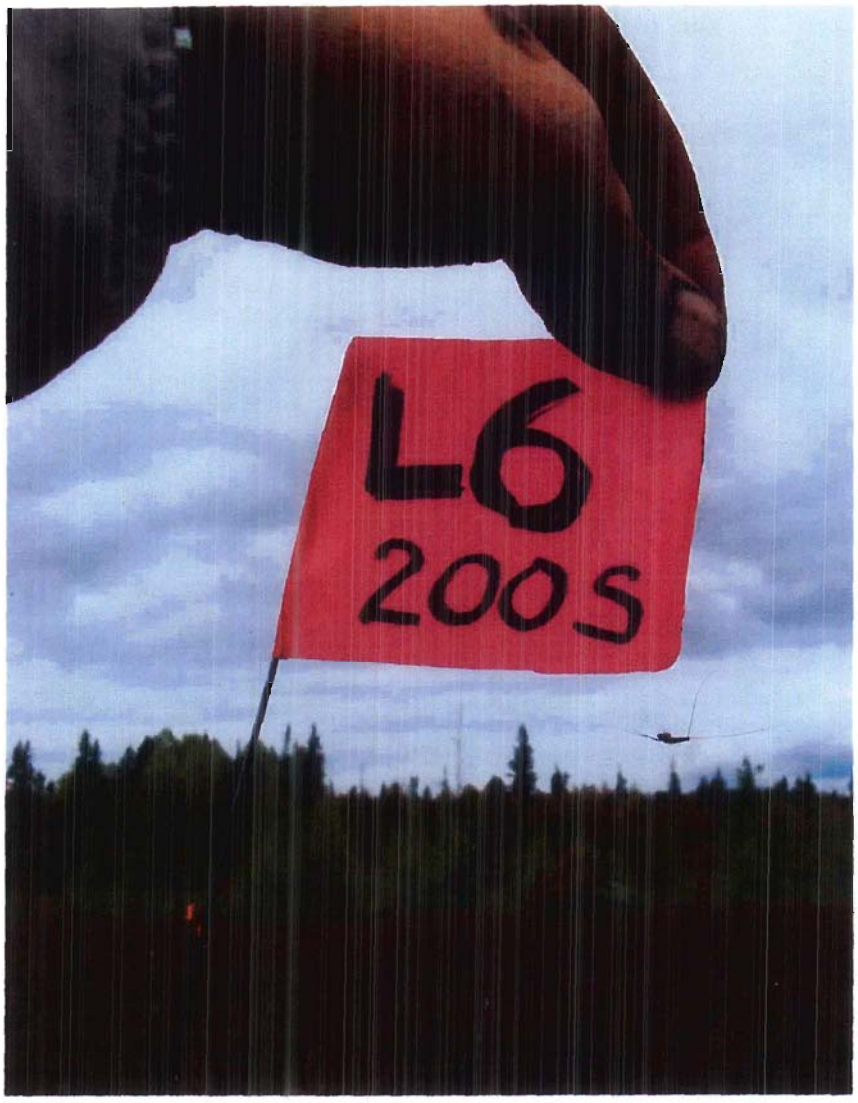
Report on S.G.H. Sampling

Sheraton Lake – Bond Property



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2.42319

By:

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P4N 2P5

True North Mineral Laboratories Inc.

Table of Contents

Introduction

True North Mineral Laboratories / Actlabs -Timmins was hired on a contract basis, to carry out a field sampling program on the Sheraton Lake – Bond Property. Sampling was carried out in a grid pattern, designed specifically for use with SGH (Soil Gas Hydrocarbon) predictive geochemistry.

SGH is a deep penetrating geochemistry that involves the analysis of surficial samples from over potential mineral or petroleum targets. In the case of the Sheraton Lake – Bond Property, potential targets are VMS and Gold formations.

Property Description

Claim Numbers **1218962, 4215956, 1207094, 1213703, 1219602, 4220372, 4220371, 4213530, 1219601, 1207096, 4212416** and **4224264** are located in Bond and Sheraton Townships - Porcupine Mining Division, approximately 43Km East of Timmins, Ontario.

Refer to *Figure 1* (Location and Access map) and *Figure 3* (Claim Location map) for more detailed property and claim locations.

Access

The claims were accessed from Timmins by traveling east along highway 101, for between 40km (Gibson Lake Road access) and 48km (Driftwood River access)

Gibson Lake Road access

Part of the field program was carried out via Gibson Lake Road, by travelling a further 16km south along the main road and smaller logging roads. Argo was needed to travel the final 1.5km to Sheraton Lake. Paddle canoe was used to cross Sheraton Lake and to access the grid.

Refer to *Figure 1* (Location and Access map) and *Figure 3* (Claim Location map) for more detailed access information.

Driftwood River access

Part of the field program was carried out via Driftwood Creek, Moose Lake and Driftwood River, by travelling a further 12km by boat.

Refer to *Figure 1* (Location and Access map) and *Figure 3* (Claim Location map) for more detailed access information.

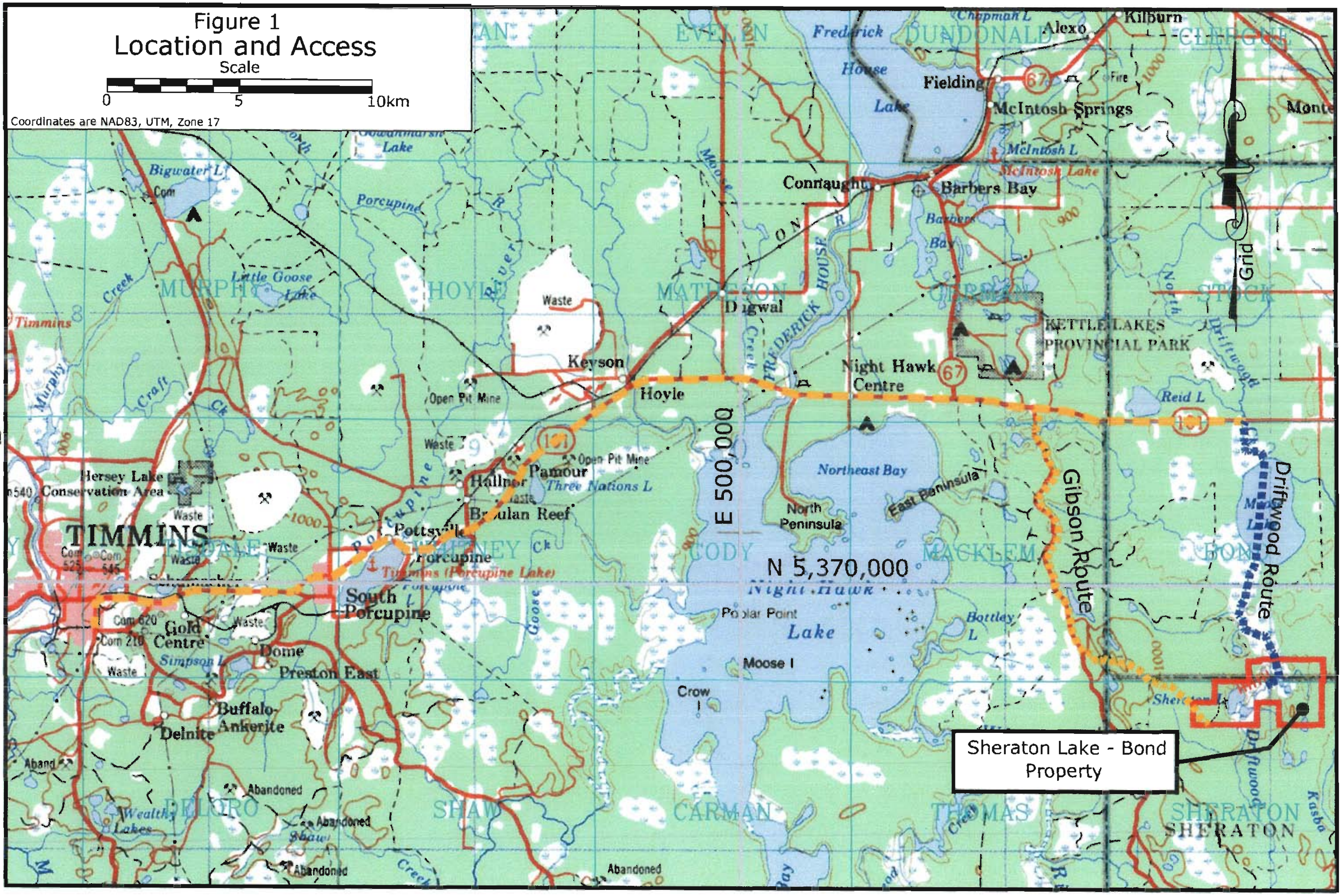

Figure 1
Location and Access
Scale
0
5
10km
Coordinates are NAD83, UTM, Zone 17
E 500,000
N 5,370,000
Gibson Route
Driftwood Route
Sheraton Lake - Bond Property
TIMMINS
Hoyle
Night Hawk Lake
KETTLE LAKES PROVINCIAL PARK
Frederick House Lake
Grid

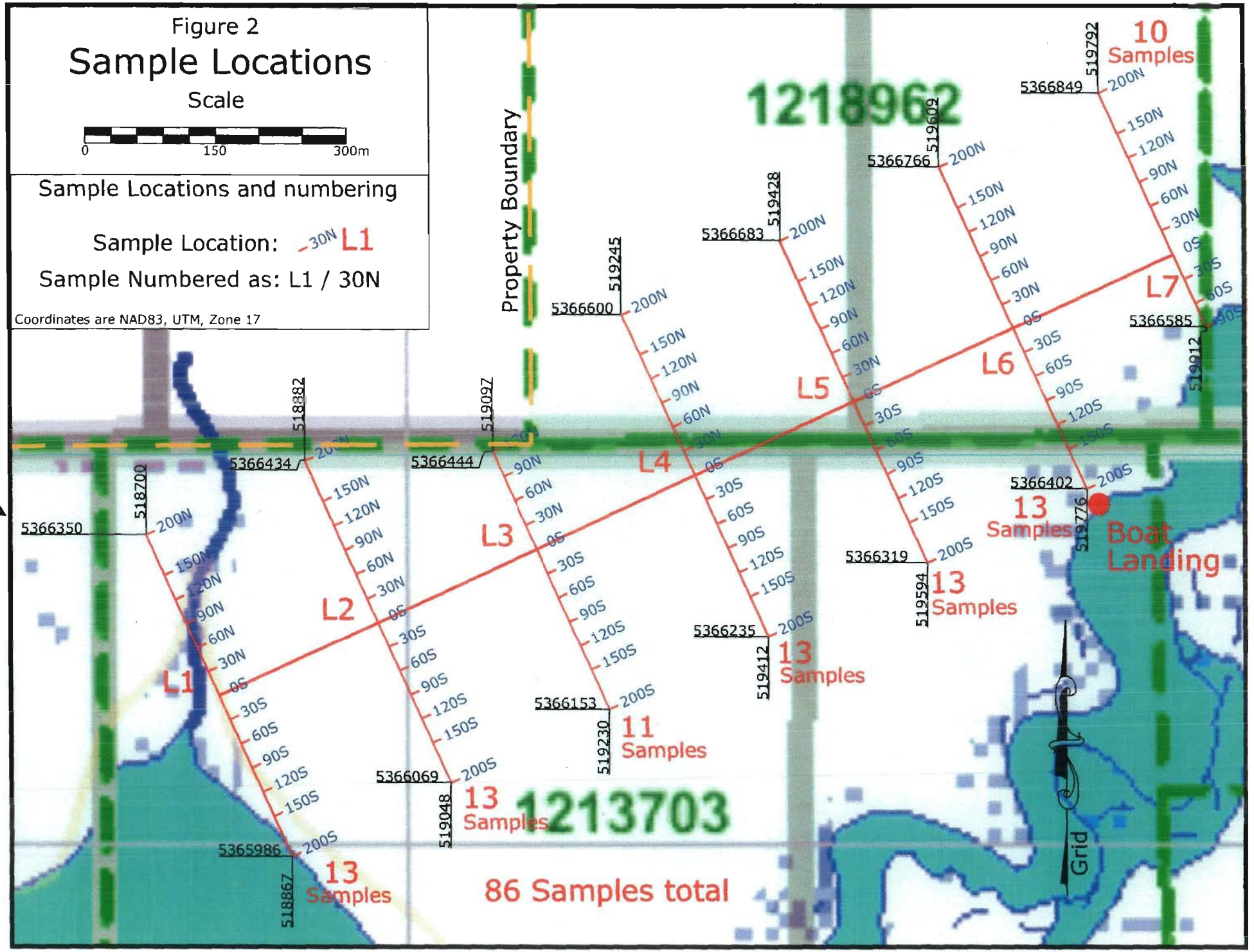
Figure 2
Sample Locations
Scale
0
150
300m
Sample Locations and numbering
Sample Location: 30N L1
Sample Numbered as: L1 / 30N
Coordinates are NAD83, UTM, Zone 17
Property Boundary
1218962
1213703
L1
L2
L3
L4
L5
L6
L7
10 Samples
13 Samples
11 Samples
Boat Landing
Grid
86 Samples total
5366849
5366766
5366683
5366600
5366434
5366444
5366402
5366319
5366235
5366153
5366069
5365986
519792
519609
519428
519245
518882
519097
519776
519594
519412
519230
519048
518867
518700
5366350
519912

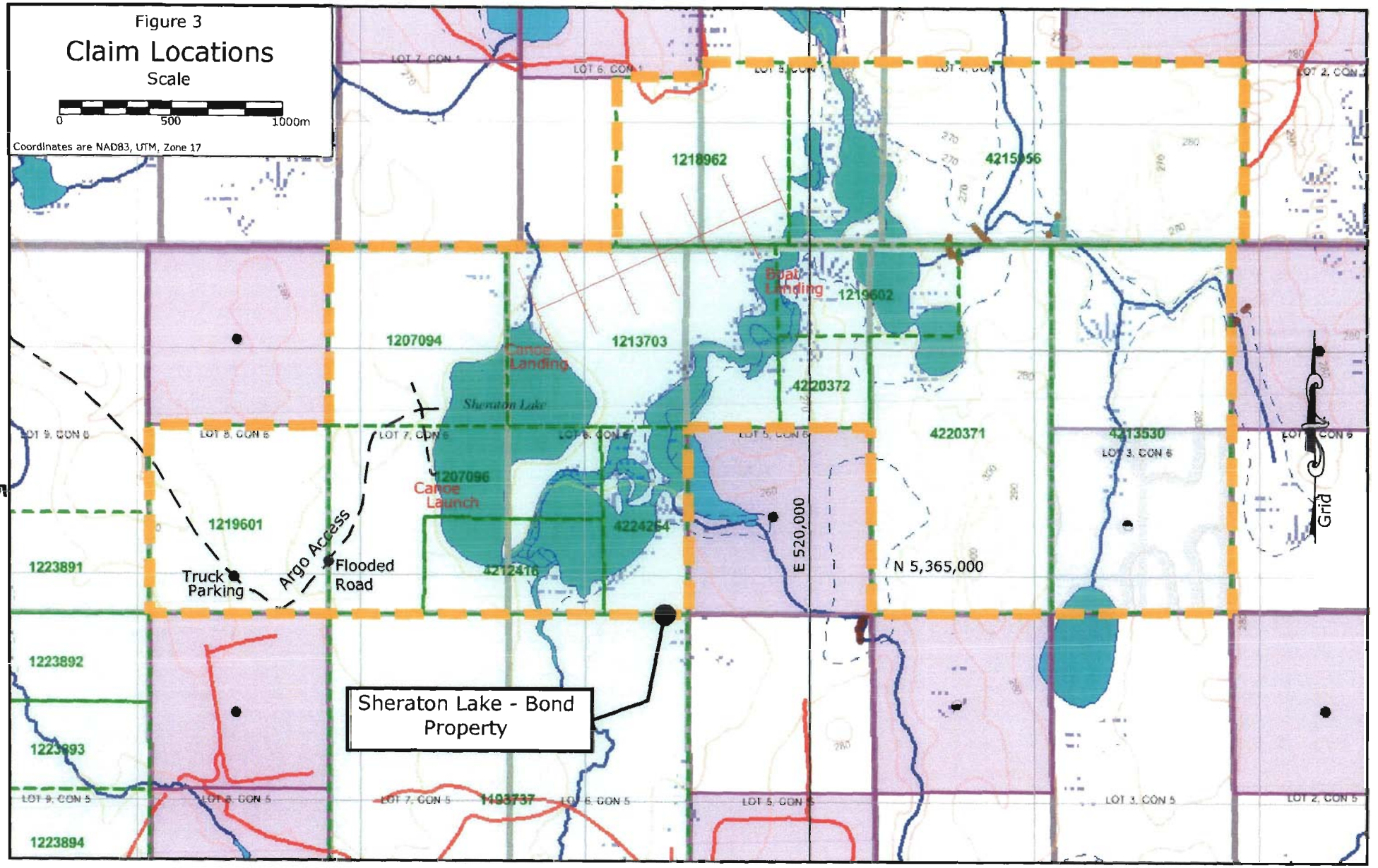
Figure 3
Claim Locations
Scale
0
500
1000m
Coordinates are NAD83, UTM, Zone 17
1218962
4215956
Boat Landing
1219602
1207094
1213703
Canoe Landing
4220372
Sheraton Lake
4220371
4213530
1207096
Canoe Launch
1219601
4224264
1223891
Truck Parking
Argo Access
Flooded Road
4212416
E 520,000
N 5,365,000
Grid
1223892
Sheraton Lake - Bond Property
1223893
1103737
1223894
LOT 7, CON 6
LOT 6, CON 6
LOT 5, CON 6
LOT 3, CON 6
LOT 2, CON 6
LOT 9, CON 5
LOT 8, CON 5
LOT 7, CON 5
LOT 6, CON 5
LOT 5, CON 5
LOT 3, CON 5
LOT 2, CON 5

Work Program

Field Work was carried out between May 30, 2009 and June 13, 2009.

Grid-cutting and layout

Access for grid-cutting and layout of sample locations was gained via Gibson Lake Road, as described under "Access".

Due to a flooded section of road, access for the final 1.5km to Sheraton Lake required Argo. An 18ft Grummen canoe was hauled by Argo to the SE side of Sheraton Lake. Canoe was used along with a 2hp Honda outboard motor, to cross the lake and gain access to the SW end of the grid. See *Figure 3* (Claim Location map) for details.

A two-person crew worked for 5 days (May 30th to June 3rd), cutting baseline and (7) gridlines, for a total of **3810m** grid-cutting. Lines were brushed-out using machete and sample locations were flagged using fluorescent flags mounted on steel wire. Photos below show typical stations used to mark sample sites.

Wire Flags used to mark sample sites

Grid-cutting and layout....continued

Sample sites were laid-out at 30m spacing along gridlines, with 50m interval used at the end of gridlines. Refer to *Figure 2* (Sample Location map) for detailed sample locations.

Machete-cut lines were further marked using conventional, fluorescent flagging tape. This was to allow sampling crews to easily follow gridlines and quickly find proposed sample sites.

Field Sampling

86 samples were retrieved on June 11th and June 12th, 2009.
Samples were delivered to True North Mineral Laboratories on June 13th, 2009.

Access for the sampling crew was gained via Driftwood River, as described under "Access".

Upon completion of grid-cutting, the author decided to look for better access to the NE end of the grid. One day was needed to check and confirm boat access via Driftwood River (June 10th, 2009).

Two test samples were taken on June 10th, in order to test and confirm overburden characteristics and to aid the subsequent sample program. Initial test holes were taken close to the Driftwood River and it was initially thought that each crew would have to carry 12 to 16ft hand auger extensions in order to penetrate organic layers.

Sample program and equipment was determined, based on the 2 test holes. It was found that typical organic cover was more like 10cm, once sampling commenced. This made a big difference in overall sampling time and the 2 crews were able to complete all 86 samples in a 2 day time-frame.

On the final day of sampling (June 12th, 2009), the 2 crews gained access via Driftwood River and continued sampling from the middle of the grid, working westward. Crews exited the property using Grummen canoe and Argo, via the original access route by Gibson Lake Road. Additional vehicles and support personel were needed to accomplish.

Methods

Hand Auger Sampling

Samples were gathered using portable hand auger with detachable T-handle and bit with individual 3ft rod sections held together with bayonet style coupler. **82** of the total **86** samples were retrieved from approx 10cm depth.
4 of the samples required use of auger extensions, namely L6 / 150S and 200S, as well as L1 / 150S and 200S.

All samples consisted of mineralized material from B-horizon, taken below organic material and immediately below A-horizon.

Sample locations and field notations can be found in *Appendix IV.*
Simplified version of sample locations is found on *Figure 2* (Sample Location map)

Typical hand Auger Sampling.

Material Handling

Handling of sample material was carried out by True North Mineral Laboratories / Actlabs -Timmins on a contract basis for the Client. A description of material handling prior to analysis (Sample Preparation) can be found in the full report produced by Dale Sutherland and Eric Hoffman, dated July 20, 2009 and forming *Appendix I* of this report.

Photographs showing the collection of 86 samples, prior to processing, can be found in *Appendix III*.

Analysis

Analysis was carried out by Actlabs.
More complete details are contained in the full report produced by Dale Sutherland and Eric Hoffman, dated July 20, 2009 and forming *Appendix I* of this report.

Results

Raw data for each sample can be found in *Appendix II*.

More complete details, including interpretive maps are contained in the full report produced by Dale Sutherland and Eric Hoffman, dated July 20, 2009 and forming *Appendix I* of this report.

Recommendations

The SGH report, which forms *Appendix I* of the current report, was written by Dale Sutherland and Eric Hoffman of Actlabs. Please note that the comments below are the opinion of the Author of the current report and are not the opinion(s) of Mr. Sutherland or Mr. Hoffman.

The Author notes that the interpretive maps contained in the SGH report present "Anomalies as Possible Gold Veins" (with regards to Gold) and "General Boundary of REDOX cell" (with regards to VMS).

The Author recommends that the client compile available geophysical data for the same area(s) hi-lighted in the SGH report. For example, the Author notes there are several high-ranking EM anomalies presented on O.G.S. (Ontario Geological Survey) Map 81 954, Airborne Magnetic and Electromagnetic Surveys – Matheson Area, that appear to coincide very well with the SGH anomalies.

It may be possible to generate drill targets that are supported by both geophysics and SGH Predictive Geochemistry. Possible drill targets supported by both methods are preferable to targets generated by either method alone.

Appendix I

SGH Report by Dale Sutherland and Eric Hoffman – Actlabs

SGH – SOIL GAS HYDROCARBON
Predictive Geochemistry

for

TRUE NORTH MINERAL LABORATORIES

"SHERATON LAKE - BOND PROPERTY PROJECT"

July 20, 2009

Dale Sutherland, Eric Hoffman

Activation Laboratories Ltd

EVALUATION OF SGH "SOIL SAMPLE" DATA

EXPLORATION FOR: *"VMS & GOLD"* FORMATIONS

Workorder: A09-3060

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SOIL GAS HYDROCARBON (SGH) GEOCHEMISTRY - OVERVIEW

SGH is a deep penetrating geochemistry that involves the analysis of surficial samples from over potential mineral or petroleum targets. The analysis involves the testing for 162 hydrocarbon compounds in the C5-C17 carbon series range applicable to a wide variety of sample types. SGH has been successful for delineating targets found at over 500 metres in depth. Samples of various media have been successfully analyzed such as soil (any horizon), drill core, rock, peat, lake-bottom sediments and even snow. The SGH analysis incorporates a very weak leach, essentially aqueous, that only extracts the surficial bound hydrocarbon compounds and those compounds in interstitial spaces around the sample particles. These are the hydrocarbons that have been mobilized from the target depth. SGH is unique and should not be confused with other hydrocarbon tests or traditional analyses that measure C1 (Methane) to C5 (Pentane) or other gases. SGH is also different from soil hydrocarbon tests that thermally extract or desorb all of the hydrocarbons from the whole soil sample. This test is less specific as it does not separate the hydrocarbons and thus does not identify or measure the responses as precisely. These tests also do not use a forensic approach to identification. The hydrocarbons in the SGH extract are separated by high resolution capillary column gas chromatography to isolate, confirm, and measure the presence of only the individual hydrocarbons that have been found to be of interest from initial research and development and from performance testing in two Canadian Mining Industry Research Organization (CAMIRO) projects (97E04 and 01E02).

Over the past 12+ years of research, Activation Laboratories Ltd. has developed an in-depth understanding of the unique SGH signatures associated with different commodity targets. Using a forensic approach we have developed target signatures or templates for identification, and the understanding of the expected geochromatography that is exhibited by each class of SGH compounds. In 2004 we began to include an SGH interpretation report delivered with the data to enable our clients to realize the complete value and understanding of the SGH results in the shortest time frame and provide the benefit from past research sponsored by Actlabs, CAMIRO, OMET and other projects.

SGH has attracted the attention of a large number of Exploration companies. In the above mentioned research projects the sponsors have included (in no order): Western Mining Corporation, BHP-Billiton, Inco, Noranda, Outokumpu, Xstrata, Cameco, Cominco, Rio Algom, Alberta Geological Survey, Ontario Geological Survey, Manitoba Geological Survey and OMET. Further, beyond this research, Activation Laboratories Ltd. has interpreted the SGH data for over 400 targets from clients since January of 2004. In both CAMIRO research projects over known mineralization and in exploration projects over unknown targets, SGH has performed exceptionally well. As an example, in the first CAMIRO research project that commenced in 1997 (Project 97E04), there were 10 study areas that were submitted blindly to Actlabs. These study sites were selected since other inorganic geochemistries were unsuccessful at illustrating anomalies related to the target.

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SOIL GAS HYDROCARBONS (SGH) GEOCHEMISTRY – OVERVIEW

Although Actlabs was only provided with the samples and their coordinates, SGH was able to locate the blind mineralization with exceptional accuracy in 9 of the 10 surveys. SGH has recently been very successful in exploration and discovery of unknown targets e.g. Golden Band Resources drilled an SGH anomaly and discovered a significant vein containing "visible" gold. (www.goldenbandresources.com)

Sample Type and Survey Design: It is highly recommended that a ***minimum*** of 50 sample "locations" is preferred to obtain enough samples into background areas on both sides of small suspected targets (wet gas plays, Kimberlite pipes, Uranium Breccia pipes, veins, etc.). SGH is not interpreted in the same way as inorganic based geochemistries. SGH must have enough samples over both the target and background areas in order to fully study the dispersion patterns or geochromatography of the SGH classes of compounds. Based on our minimum recommendation of at least 50 sample locations we further suggest that all samples be evenly spaced with about one-third of the samples over the target and one-third on each side of the target in order for SGH to be used for exploration. Targets other than gas plays, pipes, dykes or veins usually require additional samples to represent both the target and background areas.

SGH has been shown to be very robust to the use of different sample types even "within" the same survey or transect. Research has illustrated that it is far more important to the ultimate interpretation of the results to take a complete sample transect or grid than to skip samples due to different sample media. The most ideal natural sample is still believed to be soil from the "Upper B-Horizon", however excellent results can also be obtained from other soil horizons, humus, peat, lake-bottom sediments, and even snow. The sampling design is suggested to use evenly spaced samples from 15 metres to 200 metres and line spacing from 50 metres to 500 metres depending on the size and type of target. A 4:1 ratio is suggested, however, larger orientation surveys have also been successful. Ideally even large grids should have one-third of the samples over the target and two-thirds of the samples into anticipated background areas. This will allow the proper assessment of the SGH geochromatographic vectoring and background site signature levels with minimal bias. Individual samples taken at significant distances from the main survey area to represent background are not of value in the SGH interpretation as SGH results are not background subtracted. Samples can be drip dried in the field and do not need special preservation for shipping and has been specifically designed to avoid common contaminants from sample handling and shipping. SGH has also been shown to be robust to cultural activities even to the point that successful results and interpretation has been obtained from roadside right-of-ways.

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SOIL GAS HYDROCARBONS (SGH) GEOCHEMISTRY – OVERVIEW

Sample Preparation and Analysis: Upon receipt at Activation Laboratories the samples are air-dried in isolated and dedicated environmentally controlled rooms set to 40°C. The dried samples are then sieved. In the sieving process, it is important that compressed air is not used to clean the sieves between samples as trace amounts of compressor oils "may" poison the samples and significantly affect some target signatures. At Activation Laboratories a vacuum is used to clean the sieve between each sample. The -60 mesh sieve fraction (<250 microns, although different mesh sizes can be used at the preference of the exploration geologist) is collected and packaged in a Kraft paper envelope and transported from our sample preparation building to our analytical building on the same street in Ancaster Ontario. Each sample is then extracted, separated by gas chromatography and analyzed by mass spectrometry using customized parameters enabling the highly specific detection of the 162 targeted hydrocarbons at a reporting limit of one part-per-trillion (ppt). This trace level limit of reporting is critical to the detection of these hydrocarbons that, through research, have been found to be related at least in part to the breakdown and release of hydrocarbons from the death phase of microbes directly interacting with a deposit at depth. The hydrocarbon signatures are directly linked to the deposit type which is used as a food source. The hydrocarbons that are mobilized and metabolized by the microbes are released in the death phase of each successive generation. Very few of the hydrocarbons measured are actually due to microbe cells, or hydrocarbons present or formed in the genesis of the deposit or from anthropogenic contamination. The results of the SGH analysis is reported in raw data form in an Excel spreadsheet as "semi-quantitative" concentrations without any additional statistical modification.

Mobilized Inorganic Geochemical Anomalies: It is important to note that SGH is essentially "blind" to any inorganic content in samples as only organic compounds as hydrocarbons are measured. Thus inorganic geochemical surface anomalies that have migrated away from the mineral source, and thus may be interpreted and found to be a false target location, is not detected and does not affect SGH results. This fact is of great advantage when comparing the SGH results to inorganic geochemical results. If there is agreement in the location of the anomalies between the organic an inorganic technique, such as Actlabs' Enzyme Leach, a significant increase in confidence in the target location can be realized. If there is no agreement or a shift in the location of the anomalies between the techniques, the inorganic anomaly may have been mobilized in the surficial environment.

The Nugget Effect: As SGH is "blind" to the inorganic content in the survey samples, any concern of a "nugget effect" will not be encountered with SGH data. A "nugget effect" may be of a concern for inorganic geochemistries from surveys over copper, gold, lead, nickel, etc. type targets.

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SOIL GAS HYDROCARBONS (SGH) GEOCHEMISTRY – OVERVIEW

SGH Interpretation Report: All SGH submissions must be accompanied by relative or UTM coordinates so that we may ensure that the sample survey design is appropriate for use with SGH, and to provide an SGH interpretation with the results. In our interpretation procedure, we separate the results into 19 SGH sub-classes. These classes include specific alkanes, alkenes, thiophenes, aromatic, and polyaromatic compounds. Note that none of the SGH hydrocarbons are "gaseous" at room temperature and pressure. The classes are then evaluated in terms of their geochromatography and for coincident compound class anomalies that are unique to different types of mineralization. Actlabs uses a six point scale in assigning a rating of similarity of the SGH signatures found in the submitted survey to signatures previously reviewed and researched from known case studies over the same commodity type. Also factored into this rating is the appropriateness of the survey and amount of data/sample locations that is available for interpretation. This rating scale is described in detail in the following section.

SGH RATING SYSTEM

To date SGH has been found to be successful in the depiction of buried mineralization for Gold, Nickel, VMS, SEDEX, Uranium, Polymetallic, and Copper, as well as for Kimberlites. SGH data has developed into a dual exploration tool. From the interpretation, a vertical projection of the predicted location of the target can be made as well as a statement on the rating of the comparability of the identification of the anticipated target type to that from known case studies, e.g. if the client anticipates the target to be a Gold deposit, what is the rating or comparability that the target is similar to the SGH results over a Gold deposit in Nunavut, shear hosted as well as sediment hosted deposits in Nevada, Paleochannel Gold mineralization in Western Australia.

- A rating of "6" is the highest or best rating, and means that the SGH classes most important to describing a Gold related hydrocarbon signature are all present and consistently vector to the same location with well defined anomalies. To obtain this rating there also needs to be other SGH classes that when mapped lend support to the predicted location.
- A rating of "5" means that the SGH classes most important to describing a Gold signature are all present and consistently describe the same location with well defined anomalies. The SGH signatures may not be strong enough to also develop additional supporting classes.
- A rating of "4" means that the SGH classes most important to describing a Gold signature are mostly present describing the location with well defined anomalies. Supporting classes may also be present.

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SGH RATING SYSTEM (continued)

- A rating of "3" means that the SGH classes most important to describing a Gold signature are mostly present and describe the same location with fairly well defined anomalies. Some supporting classes may or may not be present.
- A rating of "2" means that some of the SGH classes most important to describing a Gold signature are present but a predicted location is difficult to determine. Some supporting classes may be present
- A rating of "1" is the lowest rating, and means that one of the SGH classes most important to describing a Gold signature is present but a predicted location is difficult to determine. Supporting classes are also not helpful.
- The SGH rating is directly and significantly affected by the survey design. Small data sets, especially if significantly <50 sample locations, or transects/surveys that are geographically too short will automatically receive a lower rating no matter how impressive an SGH anomaly might be. When there is not enough sample locations to adequately review the SGH class geochromatography, or when the sample spacing is inadequate, or if the spacing is highly variable such that it biases the interpretation of the results, then the confidence in the interpretation of any geochemistry is adversely affected. The SGH rating is not just a rating of the agreement between the SGH pathfinder classes for a particular target type; it is a rating of the overall confidence in the SGH results from this particular survey. The interpretation is only based on the SGH results without any information from other geochemical, geological or geophysical information unless otherwise specified.

SGH DATA QUALITY

- **Reporting Limit:** The SGH Excel spreadsheet of results contains the raw unaltered concentrations of the individual SGH compounds in units of "part-per-trillion" (ppt). The reporting of these ultra low levels is vital to the measurement of the small amounts of hydrocarbons now known to be leached/metabolized and subsequently released by dead bacteria that have been interacting with the ore at depth. To ensure that the data has a high level of confidence, a "reporting limit" is used. The reporting limit of 1 ppt actually represents a level of confidence of approximately 5 standard deviations where SGH data is assured to be "real" and non-zero. Thus in SGH the use of a reporting limit automatically removes site variability and there is no need to further background subtract any data as the reporting limit has already filtered out any site background effects. Thus we recommend that all data that is equal to or greater than 2 ppt should be used in any data review. It is important to review all SGH data as low values that may be the centre of halo anomalies and higher values as apical anomalies or as halo ridges are all important.

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SGH DATA QUALITY (continued)

- **Laboratory Replicate Analysis:** A laboratory replicate is a sample taken randomly from the submitted survey being analyzed and are not unrelated samples taken from some large stockpile of bulk material. In the Organics laboratory an equal portion of this sieved sample, or pulp, is taken and analyzed in the same manner using the Gas Chromatography/Mass Spectrometer. The comparison of laboratory replicate and field duplicate results for chemical tests in the parts-per-million or even parts-per-billion range has typically been done using an absolute "relative percent difference (RPD)" statistic which is an easy proxy for error estimation rather than a more complete analysis of precision as specified by Thompson and Howarth. An RPD statistic is not appropriate for SGH results as the reporting limit for SGH is 1 part-per-trillion. Further, SGH is a semi-quantitative technique and was not designed to have the same level of precision as other less sensitive geochemistries as it is only used as an exploration tool and not for any assay work. SGH is also designed to cover a wide range of organic compounds with an unprecedented 162 compounds being measured for each sample. In order to analyze such a wide molecular weight range of compounds, sacrifices were made to the variability especially in the low molecular weight range of the SGH analysis. The result is that the first fifteen SGH compounds or the first page of the Excel spreadsheet is expected to exhibit more imprecision than the other 147 compounds. An SGH laboratory replicate is a large set of data for comparison even for just a few pairs of analyses. Precision calculations using a Thompson and Howarth approach should only be used for estimating error in individual measurements, and not for describing the average error in a larger data set. In geochemical exploration geochemists seek concentration patterns to interpret and thus rigorous precision in individual samples is not required because the concentrations of many samples are interpreted collectively. For these reasons recent and independent research at Acadia University in Canada promote that a percent Coefficient of Variation (%CV) should be used as a universal measurement of relative error in all geochemical applications. As SGH results are a relatively large data set for nearly all submissions, %CV is a better statistic for use with SGH. By using %CV, the concentration of duplicate pairs is irrelevant because the units of concentration cancel out in the formation of the coefficient of variation ratio. For SGH, the %CV is calculated on all values ≥ 2 ppt. These values are averaged and represent a value for each pair of replicate analysis of the sample. All of the %CV values for the replicates are then averaged to report one %CV value to represent the overall estimate of the relative error in the laboratory sub-sampling from the prepared samples, and any instrumental variability, in the SGH data set for the survey. Actlabs' has successfully addressed the analytical challenge to minimize analytical variability for such a large list of compounds. Thus as SGH is also interpreted as a signature and is solely used for exploration and not assay measurement, the data from SGH is **"fit for purpose"** as a geochemical exploration tool.

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SGH DATA QUALITY (continued)

- **Historical SGH Precision:** In the general history of geochemistry, studies indicate that a large component of total measurement error is introduced during the collection of the initial sample and in sub-sampling, and that only a subordinate amount of error in the result is introduced during preparation and analysis. A historical record encompassing many projects for SGH, having a wide variety of sample types, geology and geography, shows that the consistency and precision for the analysis of SGH is excellent with an overall precision of 6.6% Coefficient of Variation (%CV). When last calculated, this number has a range having a maximum of 10% CV and a minimum of 3% CV in a population made up of a total of some 400 targets interpreted since June of 2004 which has encompassed a wide variety of sample types as soils, peat, etc. in over 32,000 samples. When field duplicates have been revealed to us, we have found that the precision of the field duplicates are in the range of about 9 to 12 %CV. As SGH is interpreted using a combination of compounds as a chemical "class" or signature, the affect of a few concentrations that may be imprecise in a direct comparison of duplicates is not significant. Further, projects that have been re-sampled at different times or seasons are expected to have different SGH concentrations. The SGH anomalies may not be in exactly the same position or of the same intensity due to variable conditions that may have affected the dispersion of different pathfinder classes. However, the SGH "signature" as to the presence of the specific mix of SGH pathfinder classes will definitely still exist, and will retain the ability to identify and vector to the same target location.

SGH EVALUATION OF RESULTS FOR TRUE NORTH MINERAL LABORATORIES SHERATON LAKE – BOND PROPERTY PROJECT – A09-3060

- This report is based on the SGH results from the analysis of a total of 86 soil samples from the Sheraton Lake Bond Property project area. The project area covered by these soil samples was defined by seven parallel Northwest trending transects of 10 to 13 samples per transect. The spacing between transects was 200 metres and the sample spacing along each transect was in general 30 metres with one sample at 50 metres at each end of most transects. UTM coordinates were provided for mapping of the SGH results for these.

- The number of samples submitted for this project is adequate to use SGH as an exploration tool. Note that the SGH data is only reviewed for the particular target deposit type requested, in this case for the presence of a Gold deposit. It is also assumed that there is only one potential target. To obtain the best interpretation the client should indicate if there are possible multiple targets, say from geophysical data. The possibility of multiple targets should be known due to potential overlap and thus increased complexity of the resulting geochromatographic anomalies which could alter the interpretation.

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SGH EVALUATION OF RESULTS FOR TRUE NORTH MINERAL LABORATORIES SHERATON LAKE – BOND PROPERTY PROJECT – A09-3060

- **The overall precision of the SGH analysis for this survey was excellent** as demonstrated by 6 different soil samples taken directly from this survey, each used for laboratory replicate analysis. The average Coefficient of Variation (%CV) of these replicate results for this project was 8.0 % which represents an excellent level of analytical performance at the low "parts-per-trillion (ppt)" concentrations measured.

- It should be noted that the SGH technique has been successful at comparing and melding data over a period of years using the standard soil samples for which SGH was originally designed. Clients have taken large grids of orientation samples in one year and successfully added new data from infill samples in areas of interest in a subsequent year. Thus, although SGH is only semi-quantitative, it is effective enough that the data from several samplings and their analysis a year or more apart has been successful.

- This interpretation has been conducted without any additional knowledge except for sample coordinates. No other geochemical or geophysical information that the client may have was reviewed for these soil samples. The client should use a combination of these SGH results and its report with additional geochemical, geophysical, and geological information to possibly obtain a more confident and precise target location.

- The plan view maps on pages 11 and 12 were developed from the raw SGH concentration data also provided in an Excel spreadsheet. These maps illustrate the most important SGH pathfinder class signatures specific for a Gold target on page 11 and a Volcanic Massive Sulphide (VMS) target on page 12. The Gold template was developed using SGH data from study sites over a Gold deposit in Nunavut, shear hosted as well as sediment hosted deposits in Nevada, Paleochannel Gold mineralization in Western Australia and others. The VMS template was developed from case studies at the Hanson Lake VMS deposit in Saskatchewan, the South Gilmour VMS deposit in New Brunswick and the Cross Lake VMS deposit in Ontario. Both of these general templates for Gold and VMS have worked very well in very diverse geological and geographical areas. The templates are then slightly more finely focused for the results observed in this project area. The data is mapped with a Kriging trending algorithm set in the GeoSoft Oasis Montaj software.

- SGH has been described by the Ontario Geological Survey (OGS) as a "REDOX cell locator". Many SGH surveys for Gold and other mineral targets can result in multiple anomalies depending on the class of SGH compounds used. Thus "Apical", "Nested-Halo" and "Rabbit-Ear" or "Halo" type anomalies are all typically observed from the effect of a REDOX cell that has developed over a deposit. REDOX cells are also related to bacteriological activity. Note we do not have sufficient research to comment on the predicted depth to or grade of a deposit.

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- On the plan view maps on pages 11 and 12 a dotted black outline has been applied as the interpretation of the anomalous areas. It was requested by the client to interpret the SGH data for the presence of a gold signature and the possible evidence of a VMS signature at the Sheraton Lake Bond Property. We examine the data for consensus between each of the SGH pathfinder classes which will confirm the presence of a blind target often associated with REDOX cells. SGH class maps are robust as they are the summation of from 4 to 14 chemically related SGH compounds. Thus each map is not relying on just one compound response. The SGH interpretation obtains further confidence from the agreement between at least three of the pathfinder classes.

- The SGH results shown on page 11 is the primary pathfinder class map expected for a gold deposit. The apical anomalies outlined by the dotted black lines are very consistent with other pathfinder class maps specific to gold (not shown for reasons of economy) and thus have a significant level of confidence. After review of all of the SGH pathfinder class maps, the SGH results suggest a **"rating of 6.0"** within the dotted black areas in relation to the presence of Gold based targets at the Sheraton Lake Bond Property project. This subjective rating is based on a scale of 6, with a value of 6 being the best and represents the similarity of these SGH results to case studies for Gold in Nunavut, shear hosted as well as sediment hosted deposits in Nevada, and Paleochannel Gold deposits in Australia. The SGH results indicate that the areas within the dotted black shapes are potentially directly over vein like targets similar to results found over other Gold case studies. Thus the best vertical drill locations with the highest confidence of intersecting these gold targets, based only on SGH data, would be at the centre of these apical anomalies, although vertical drilling may not be the best exploration method.

- Page 12 shows the primary pathfinder class map expected for a VMS deposit. This type of deposit is often associated with the development of a REDOX cell. This dramatic halo anomaly outlined by the dotted black line is confirmed to some degree by the other pathfinder classes expected for VMS except that these supporting classes are affected by the anomalies associated with the gold type deposits shown on page 11, thus reducing the level of confidence. If each transect had been longer a higher level of confidence may have been realized to better outline this potential VMS basin. After review of all of the SGH pathfinder class maps, the SGH results suggest a **"rating of 4.5"** within the large dotted black oval in relation to the presence of a VMS based target in this Sheraton Lake Bond Property Project. This rating is based on a scale of 6, with a value of 6 being the best. This rating represents the similarity of these SGH results primarily to case studies at the Hanson Lake VMS deposit in Saskatchewan, the South Gilmour VMS deposit in New Brunswick and the Cross Lake VMS deposit in Ontario. The degree of confidence in these ratings only starts to be "good" at a level of 4.0.

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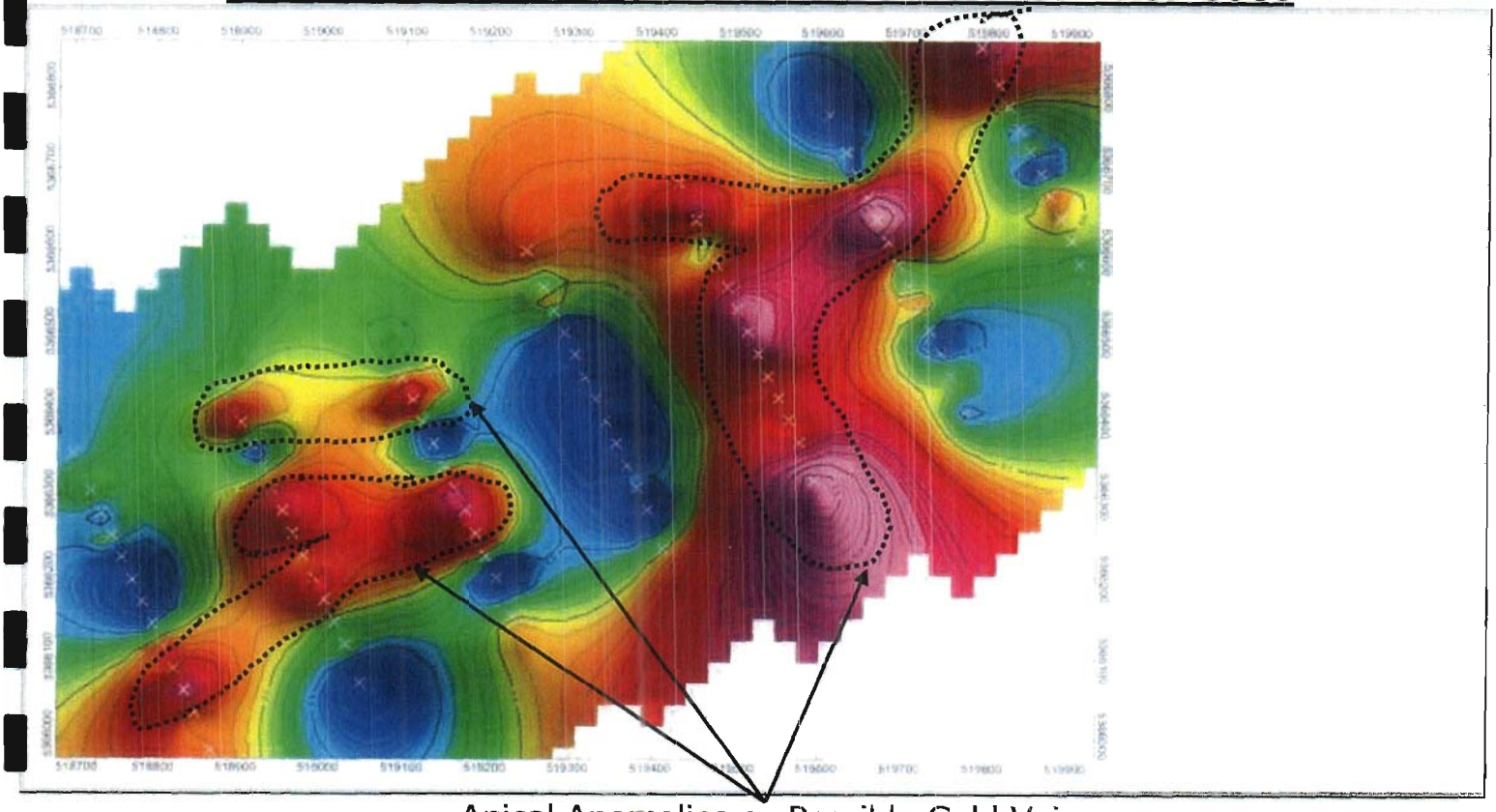
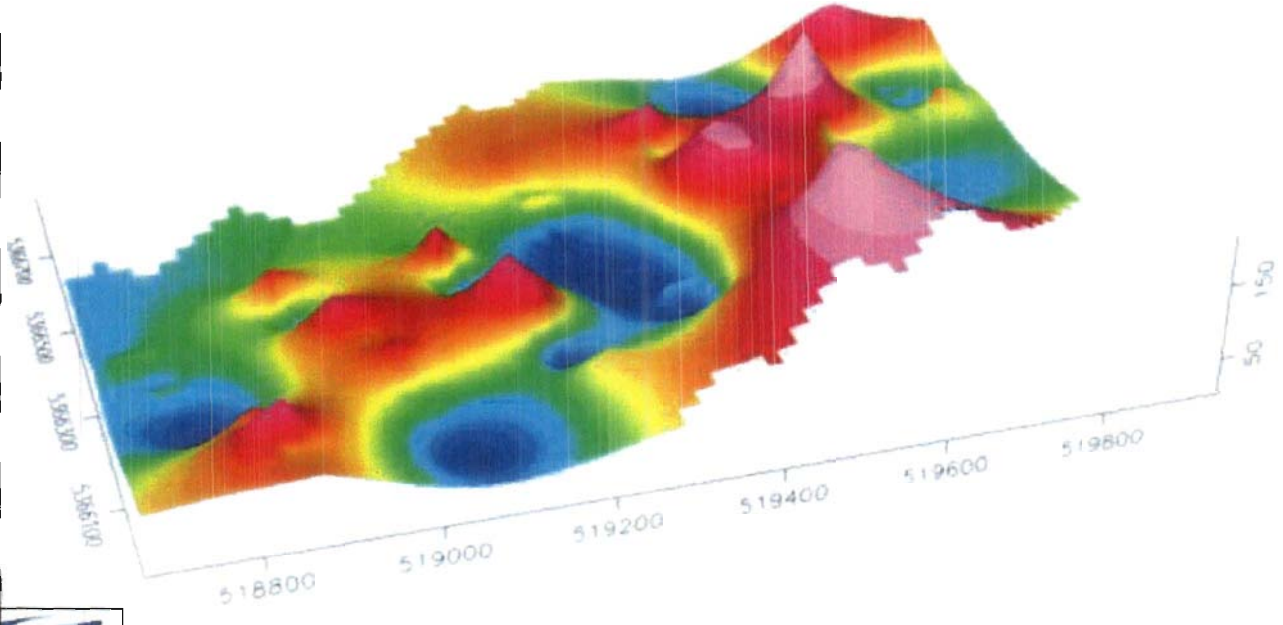


Apical Anomalies as Possible Gold Veins



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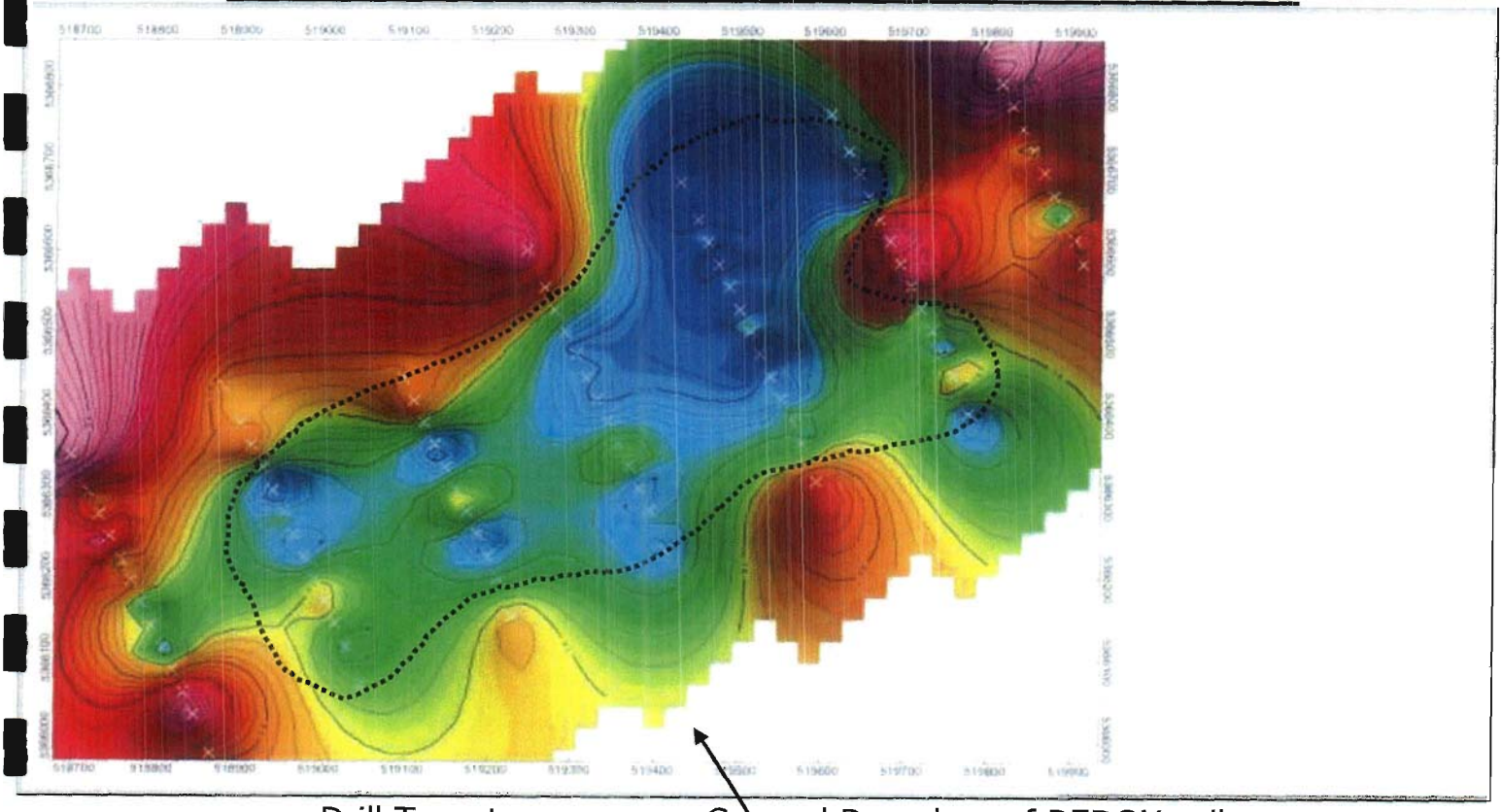
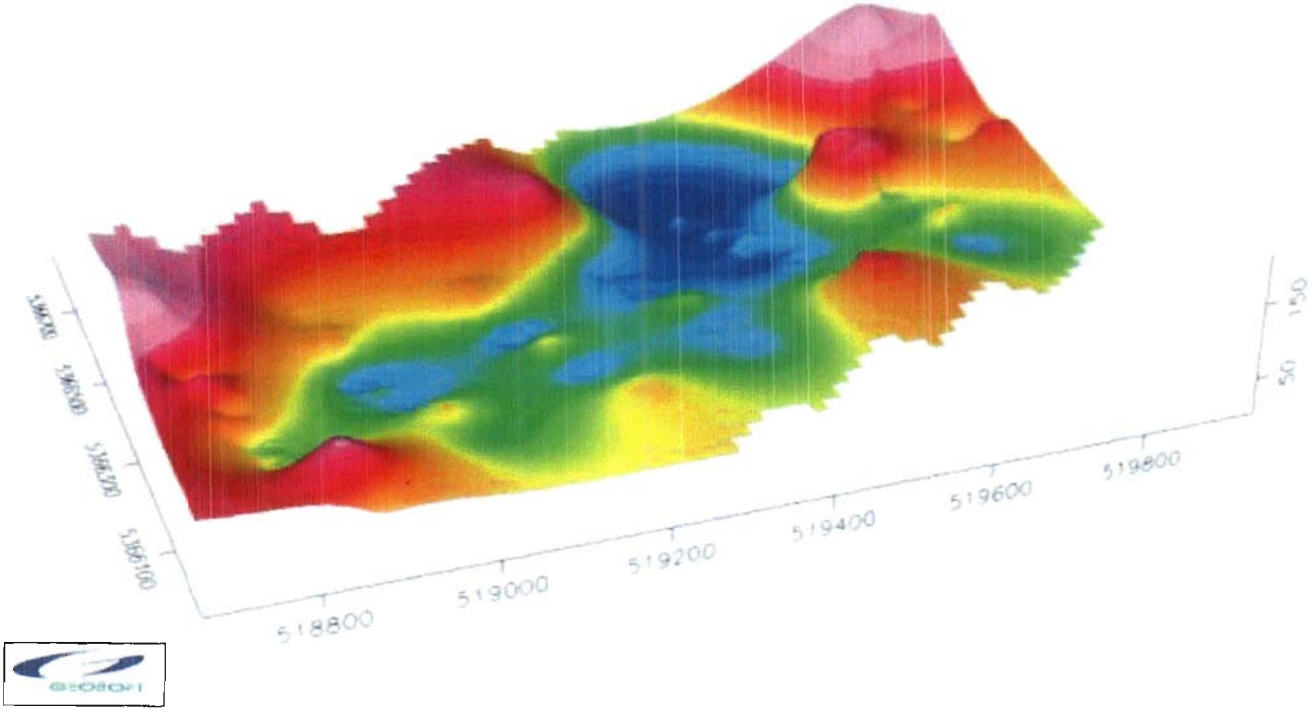
SGH EVALUATION OF RESULTS FOR TRUE NORTH MINERAL LABORATORIES SHERATON LAKE – BOND PROPERTY PROJECT – A09-3060





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Cautionary Note Regarding Assumptions and Forward Looking Statements

The statements and target rating made in the Soil Gas Hydrocarbon (SGH) interpretive report or in other communications may contain certain forward-looking information related to a target or SGH anomaly.

Statements related to the rating of a target are based on comparison of the SGH signatures derived by Activation Laboratories Ltd. through previous research on known case studies. The rating is not derived from any statistics or other formula. The rating is a subjective value on a scale of 0 to 6 relative to the similarity of the SGH signature reviewed compared to the results of previous scientific research and case studies based on the analysis of surficial samples over known ore bodies. No information on other geochemistries, geophysics, or geology is usually available as additional information for the interpretation and assignment of a rating value unless otherwise stated. The rating does not imply ore grade and is not to be used in mineral resource estimate calculations. References to the rating should be viewed as forward-looking statements to the extent that it involves a subjective comparison to known SGH case studies. As with other geochemistries, the implied rating and anticipated target characteristics may be different than that actually encountered if the target is drilled or the property developed.

Activation Laboratories Ltd. may also make a scientifically based reference in this interpretive report to an area that might be used as a drill target. Usually the nearest sample is identified as an approximation to a "possible drill target" location. This is based only on SGH results and is to be regarded as a guide based on the current state of this science.

Unless stated, Activation Laboratories Ltd. has not physically observed the exploration site and has no prior knowledge of any site description or details. Actlabs makes general recommendations for sampling and shipping of samples. Unless stated, the laboratory does not witness sampling, does not take into consideration the specific sampling procedures used, season, handling, packaging, or shipping methods. The majority of the time, Activation Laboratories Ltd. has had no input into sampling survey design. Where specified Activation Laboratories Ltd. may not have conducted sample preparation procedures as it may have been conducted at the client's assigned laboratory. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ scientifically which may impact the associated interpretation and target rating from those described in forward-looking statements, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended.

In general, any statements that express or involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions, future events or performance are not statements of historical fact. These "scientifically based educated theories" should be viewed as "forward-looking statements".

Readers of this interpretive report are cautioned not to place undue reliance on forward-looking information. Forward looking statements are made based on scientific beliefs, estimates and opinions on the date the statements are made and the interpretive report issued. The Company undertakes no obligation to update forward-looking statements or otherwise revise previous reports if these beliefs, estimates and opinions, future scientific developments, other new information, or other circumstances should change that may affect the analytical results, rating, or interpretation.

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Appendix II

Raw Data for 86 SGH Samples - Actlabs

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Melanie Marchand (SGH) by GC/MS Date: July 3, 2009

-1=Reporting Limit of 1pg/g (ppt=parts per trillion) SHERATON LAKE - BOND PROPERTY PROJECT R=Replicate Sample

	001 - LA	002 - LA	003 - LB	004 - LA	005 - LB	006 - LB	007 - LA	008 - LB	009 - LB	010 - LB	011 - LA	012 - LB	013 - LBA	014 - LB
L1 200N	27	12	19	4	4	15	3	10	2	-1	1	-1	2	-1
L1 150N	29	15	18	4	5	10	3	3	-1	-1	1	-1	2	-1
L1 120N	27	11	16	7	4	11	3	2	-1	1	1	-1	2	-1
L1 90N	5	15	17	9	3	11	3	10	2	-1	1	-1	2	-1
L1 60N	25	12	13	3	2	6	3	5	-1	-1	-1	-1	1	-1
L1 60N-R	25	13	14	2	3	8	3	7	-1	-1	-1	-1	1	-1
L1 30N	26	11	14	-1	3	7	3	9	1	-1	-1	-1	1	-1
L1 0N/S	25	9	12	4	2	5	3	6	-1	-1	-1	-1	-1	-1
L1 30S	24	9	14	4	3	6	3	7	1	-1	1	-1	1	-1
L1 60S	27	17	14	1	3	7	3	2	-1	-1	2	-1	1	-1
L1 90S	28	15	15	5	3	7	3	6	1	-1	1	-1	-1	-1
L1 120S	41	38	20	12	5	9	3	8	1	-1	-1	-1	-1	-1
L1 150S	26	10	18	-1	4	12	3	8	1	-1	2	-1	-1	-1
L1 200S	27	16	13	3	3	7	2	7	1	-1	2	-1	-1	-1
L2 200N	26	4	20	3	3	8	3	6	-1	-1	2	-1	1	-1
L2 150N	26	13	18	5	4	6	3	6	1	-1	2	-1	3	-1
L2 120N	17	4	26	4	4	10	2	5	-1	-1	1	-1	-1	-1
L2 90N	4	11	20	3	4	9	3	2	-1	-1	1	-1	-1	-1
L2 60N	26	13	17	3	3	5	3	1	-1	-1	1	-1	-1	-1
L2 30N	25	12	21	1	2	7	3	6	-1	-1	2	-1	-1	-1
L2 0N/S	27	6	21	3	3	8	2	1	-1	-1	2	-1	-1	-1
L2 0N/S-R	5	20	21	2	4	8	2	1	-1	-1	2	-1	-1	-1
L2 30S	27	12	16	4	2	5	3	5	-1	-1	2	-1	-1	-1
L2 60S	26	15	22	3	4	8	2	4	-1	-1	2	-1	1	-1
L2 90S	26	16	21	3	3	9	2	5	-1	-1	2	-1	-1	-1
L2 120S	16	13	21	3	3	7	3	5	-1	-1	-1	-1	2	-1
L2 150S	15	13	18	4	3	7	3	4	-1	-1	1	-1	-1	-1
L2 200S	28	7	28	5	4	6	2	5	-1	-1	-1	-1	1	-1
L3 120N	26	13	20	5	4	9	3	4	-1	-1	1	-1	-1	-1
L3 90N	25	14	13	5	2	7	3	9	1	-1	3	-1	3	-1
L3 60N	28	5	26	7	3	7	3	6	-1	-1	1	-1	2	-1
L3 30N	8	2	10	4	1	4	3	6	-1	-1	2	-1	1	-1
L3 0N/S	19	3	15	4	2	6	3	4	-1	-1	1	-1	-1	-1
L3 30S	31	19	12	3	2	6	2	7	1	-1	2	-1	-1	-1
L3 60S	31	14	21	4	3	8	3	6	-1	-1	2	-1	-1	-1
L3 90S	17	16	10	5	2	3	2	6	-1	-1	3	-1	-1	-1
L3 120S	29	5	15	4	3	5	3	5	-1	-1	2	-1	-1	-1
L3 120S-R	2	12	15	2	3	6	3	4	-1	-1	2	-1	-1	-1
L3 150S	18	2	20	5	3	6	2	5	-1	-1	1	-1	-1	-1
L3 200S	18	12	19	5	3	6	3	7	1	-1	1	-1	-1	-1
L4 200N	28	13	22	3	4	11	2	8	1	-1	2	-1	-1	-1
L4 150N	7	11	23	-1	3	8	3	7	1	-1	1	-1	-1	-1
L4 120N	26	11	15	3	3	6	3	6	-1	-1	2	-1	-1	-1
L4 90N	29	5	18	3	3	7	3	3	-1	-1	-1	-1	-1	-1
L4 60N	25	3	1	4	2	4	3	5	-1	-1	2	-1	-1	-1
L4 30N	28	9	16	3	2	7	3	4	-1	-1	-1	-1	1	-1
L4 0N/S	25	6	16	3	4	6	3	1	-1	-1	-1	-1	-1	-1
L4 30S	27	9	18	-1	2	6	3	5	-1	-1	1	-1	-1	-1
L4 60S	24	2	18	4	3	7	2	5	-1	-1	-1	-1	1	-1
L4 90S	24	9	23	3	4	8	3	4	-1	-1	-1	-1	1	-1
L4 120S	26	10	16	-1	2	5	3	4	-1	-1	1	-1	-1	-1
L4 150S	25	5	22	4	4	6	3	4	-1	-1	-1	-1	1	-1
L4 200S	25	13	15	3	3	7	3	4	-1	-1	2	-1	-1	-1
L4 200S-R	3	2	14	4	2	5	3	4	-1	-1	2	-1	-1	-1

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Melanie Marchand (SGH) by GC/MS Date: July 3, 2009

-1=Reporting Limit of 1pg/g (ppt=parts per trillion) SHERATON LAKE - BOND PROPERTY PROJECT R=Replicate Sample

	001 - LA	002 - LA	003 - LB	004 - LA	005 - LB	006 - LB	007 - LA	008 - LB	009 - LB	010 - LB	011 - LA	012 - LB	013 - LBA	014 - LB
L5 200N	28	11	11	-1	1	4	3	1	-1	-1	2	-1	-1	-1
L5 150N	33	18	9	3	2	4	3	2	-1	-1	2	-1	-1	-1
L5 120N	25	4	10	3	2	6	3	6	-1	-1	2	-1	1	-1
L5 90N	17	11	10	2	1	3	3	1	-1	-1	2	-1	-1	-1
L5 60N	29	15	20	3	3	7	2	5	-1	-1	2	-1	-1	-1
L5 30N	42	20	16	2	2	4	3	1	-1	-1	2	-1	3	-1
L5 0N	33	23	21	4	3	9	3	5	-1	-1	2	-1	2	-1
L5 30S	26	15	11	2	1	3	3	1	-1	-1	3	-1	3	-1
L5 60S	10	12	18	-1	3	7	3	5	-1	-1	1	-1	2	-1
L5 90S	27	10	11	1	1	4	2	5	-1	-1	2	-1	3	-1
L5 120S	30	12	22	-1	3	9	3	4	-1	-1	2	-1	2	-1
L5 150S	30	11	18	-1	2	5	3	5	-1	-1	2	-1	-1	-1
L5 200S	18	13	14	4	4	9	3	7	-1	-1	4	-1	2	-1
L6 200N	4	2	20	6	4	8	3	1	-1	-1	2	-1	-1	-1
L6 150N	10	12	18	2	4	5	3	5	-1	-1	1	-1	-1	-1
L6 150N-R	26	13	19	3	4	8	3	1	-1	-1	1	-1	-1	-1
L6 120N	26	3	10	5	1	3	3	7	1	-1	2	-1	-1	-1
L6 90N	33	18	10	4	1	4	3	-1	-1	-1	2	-1	2	-1
L6 60N	38	31	13	4	3	8	3	9	2	-1	3	-1	1	-1
L6 30N	34	17	19	-1	5	10	3	8	-1	-1	3	-1	4	-1
L6 0S	32	15	10	1	4	10	2	6	1	-1	1	-1	-1	-1
L6 30S	29	12	21	1	4	12	3	9	1	-1	1	-1	2	-1
L6 60S	17	13	12	5	3	4	3	5	-1	-1	2	-1	1	-1
L6 90S	10	10	19	-1	4	11	3	2	-1	-1	1	-1	-1	-1
L6 120S	27	10	15	-1	2	7	3	2	-1	-1	-1	-1	1	-1
L6 150S	29	14	16	6	3	8	3	7	1	-1	2	-1	2	-1
L6 200S	29	10	14	-1	2	3	3	6	1	-1	1	-1	2	-1
L7 200N	29	15	2	3	4	9	3	14	2	-1	3	-1	-1	-1
L7 150N	29	11	16	5	3	7	3	23	2	-1	3	-1	1	-1
L7 120N	31	13	21	3	4	13	3	6	-1	-1	2	-1	2	-1
L7 90N	23	11	18	3	3	9	3	6	-1	-1	1	-1	-1	-1
L7 90N-R	24	7	16	4	4	10	2	5	-1	-1	1	-1	-1	-1
L7 60N	2	8	13	-1	3	9	3	5	-1	-1	2	-1	-1	-1
L7 30N	6	4	23	1	6	8	3	7	-1	-1	1	-1	2	-1
L7 0N/S	31	12	21	7	3	7	3	6	1	-1	2	-1	3	-1
L7 30S	27	10	17	4	4	8	3	1	-1	-1	2	-1	-1	-1
L7 60S	29	12	19	-1	4	11	3	6	1	-1	2	-1	-1	-1
L7 90S	21	12	16	1	4	8	4	6	1	-1	1	-1	2	-1
BLANK	12	5	5	3	-1	-1	2	2	-1	-1	-1	-1	1	-1
BLANK	21	6	6	3	-1	-1	3	2	-1	-1	-1	-1	1	-1

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Melanie Marchand (SGH) by GC/MS Date: July 3, 2009

-1=Reporting Limit of 1pg/g (ppt=parts per trillion) SHERATON LAKE - BOND PROPERTY PROJECT R=Replicate Sample

	015 - LAR	016 - LB	017 - LB	018 - LB	019 - LB	020 - LA	021 - LPH	022 - LBA	023 - LAR	024 - LB	025 - LAR	026 - LBA	027 - LB	028 - ALK
L1 200N	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	-1	-1
L1 150N	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-1	1	-1	-1
L1 120N	-1	-1	-1	-1	1	1	-1	-1	-1	-1	-1	-1	-1	-1
L1 90N	-1	-1	-1	-1	-1	2	-1	1	-1	-1	-1	1	-1	-1
L1 60N	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1
L1 60N-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
L1 30N	-1	1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
L1 0N/S	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
L1 30S	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	1	-1	-1
L1 60S	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1	-1	-1
L1 90S	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L1 120S	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
L1 150S	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	1	-1	-1
L1 200S	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	1	-1	-1
L2 200N	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	2	-1	-1
L2 150N	-1	-1	-1	-1	-1	3	-1	3	-1	-1	-1	2	-1	-1
L2 120N	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	-1	-1	-1
L2 90N	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
L2 60N	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L2 30N	-1	-1	-1	-1	-1	3	-1	3	-1	-1	-1	2	-1	-1
L2 0N/S	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L2 0N/S-R	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L2 30S	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L2 60S	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	-1	-1	-1
L2 90S	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	-1	-1	-1
L2 120S	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	-1	-1
L2 150S	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	2	-1	-1
L2 200S	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
L3 120N	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
L3 90N	-1	-1	-1	-1	-1	3	-1	4	-1	-1	-1	2	-1	1
L3 60N	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	1	-1	-1
L3 30N	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	2	-1	-1
L3 0N/S	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L3 30S	-1	-1	-1	-1	-1	4	-1	-1	-1	-1	-1	3	1	1
L3 60S	-1	-1	-1	-1	-1	2	-1	1	-1	-1	-1	2	-1	-1
L3 90S	-1	-1	-1	-1	-1	4	-1	5	-1	-1	-1	2	-1	1
L3 120S	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L3 120S-R	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	2	-1	-1
L3 150S	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	-1	-1
L3 200S	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-1	2	-1	-1
L4 200N	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	2	-1	-1
L4 150N	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L4 120N	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	2	-1	-1
L4 90N	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	-1	-1
L4 60N	-1	-1	-1	-1	-1	2	-1	1	-1	-1	-1	2	-1	-1
L4 30N	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
L4 0N/S	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
L4 30S	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
L4 60S	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
L4 90S	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	-1	-1
L4 120S	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L4 150S	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1
L4 200S	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	1	-1	-1
L4 200S-R	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	2	-1	-1

	015 - LAR	016 - LB	017 - LB	018 - LB	019 - LB	020 - LA	021 - LPH	022 - LBA	023 - LAR	024 - LB	025 - LAR	026 - LBA	027 - LB	028 - ALK
L5 200N	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	1	-1	-1
L5 150N	-1	-1	-1	-1	-1	3	-1	3	-1	-1	-1	2	-1	-1
L5 120N	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	1	-1	-1
L5 90N	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L5 60N	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	2	-1	-1
L5 30N	-1	-1	-1	-1	-1	3	-1	-1	-1	-1	-1	2	1	-1
L5 0N	-1	-1	1	1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L5 30S	-1	-1	-1	-1	-1	3	-1	3	-1	-1	-1	2	-1	-1
L5 60S	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1	-1	-1
L5 90S	-1	-1	-1	-1	-1	3	-1	3	-1	-1	-1	2	-1	-1
L5 120S	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-1	1	-1	-1
L5 150S	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	1	-1	-1
L5 200S	-1	1	-1	1	-1	6	-1	7	-1	-1	-1	3	-1	1
L6 200N	-1	-1	1	1	-1	2	-1	2	-1	-1	-1	1	-1	-1
L6 150N	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	-1	-1
L6 150N-R	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	1	-1	-1
L6 120N	-1	-1	1	1	-1	2	-1	2	-1	-1	-1	2	-1	1
L6 90N	-1	-1	-1	-1	-1	3	-1	3	-1	-1	-1	2	-1	-1
L6 60N	-1	1	1	1	1	4	-1	4	-1	-1	-1	2	1	-1
L6 30N	-1	1	-1	1	1	4	-1	4	-1	-1	-1	2	-1	-1
L6 0S	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	-1	-1	-1
L6 30S	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	-1	-1
L6 60S	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	2	-1	-1
L6 90S	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	-1	-1
L6 120S	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
L6 150S	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-1	1	-1	-1
L6 200S	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
L7 200N	-1	1	2	2	2	4	-1	5	-1	-1	-1	2	-1	1
L7 150N	-1	-1	2	1	-1	3	-1	4	-1	-1	-1	2	-1	-1
L7 120N	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1	-1	-1
L7 90N	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	-1	-1	-1
L7 90N-R	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	-1	-1	-1
L7 60N	-1	-1	1	1	-1	2	-1	3	-1	-1	-1	-1	-1	-1
L7 30N	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	-1	-1
L7 0N/S	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	1	-1	-1
L7 30S	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-1	1	-1	-1
L7 60S	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	-1	1	-1	-1
L7 90S	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

[redacted] [redacted]Nort[redacted]mera[redacted]orato[redacted] [redacted] [redacted] [redacted] S[redacted]AS [redacted]ROC[redacted]ONS[redacted] [redacted] [redacted] [redacted] A[redacted]ctivation [redacted]aboratories Ltd. [redacted]

Melanie Marchand (SGH) by GC/MS Date: July 3, 2009

-1=Reporting Limit of 1pg/g (ppt=parts per trillion) SHERATON LAKE - BOND PROPERTY PROJECT R=Replicate Sample

	029 - HB	030 - HB	031 - HB	032 - HB	033 - HB	034 - HB	035 - LAR	036 - LBA	037 - HB	038 - LBA	039 - LAR	040 - LPB	041 - LBA	042 - LPB
L1 200N	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1
L1 150N	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
L1 120N	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	1	-1
L1 90N	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	-1
L1 60N	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
L1 60N-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
L1 30N	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1
L1 0N/S	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	1	-1
L1 30S	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1
L1 60S	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	-1	-1
L1 90S	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	-1
L1 120S	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1
L1 150S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	1	-1
L1 200S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	1	-1
L2 200N	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
L2 150N	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	2	-1
L2 120N	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L2 90N	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	-1	-1
L2 60N	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L2 30N	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
L2 0N/S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L2 0N/S-R	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L2 30S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L2 60S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L2 90S	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	-1	-1
L2 120S	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	1	-1
L2 150S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L2 200S	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1
L3 120N	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	1	-1
L3 90N	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
L3 60N	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
L3 30N	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
L3 0N/S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L3 30S	-1	-1	-1	-1	-1	-1	-1	3	-1	5	-1	-1	5	-1
L3 60S	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	2	-1
L3 90S	-1	-1	-1	-1	-1	-1	-1	3	-1	4	-1	-1	4	-1
L3 120S	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	2	-1
L3 120S-R	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
L3 150S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	1	-1
L3 200S	-1	-1	-1	-1	-1	-1	-1	2	-1	1	-1	-1	2	-1
L4 200N	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	2	-1
L4 150N	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L4 120N	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
L4 90N	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1
L4 60N	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
L4 30N	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1
L4 0N/S	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1
L4 30S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1
L4 60S	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	1	-1
L4 90S	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	1	-1
L4 120S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L4 150S	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1
L4 200S	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	2	-1
L4 200S-R	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1

[redacted] Nor[redacted]nera[redacted]orat[redacted] [redacted] [redacted] [redacted] S[redacted]AS [redacted]ROC[redacted]ONS[redacted] [redacted] [redacted] [redacted] [redacted] Activation Laboratories Ltd. [redacted]

Melanie Marchand (SGH) by GC/MS Date: July 3, 2009

-1=Reporting Limit of 1pg/g (ppt=parts per trillion) SHERATON LAKE - BOND PROPERTY PROJECT R=Replicate Sample

	029 - HB	030 - HB	031 - HB	032 - HB	033 - HB	034 - HB	035 - LAR	036 - LBA	037 - HB	038 - LBA	039 - LAR	040 - LPB	041 - LBA	042 - LPB
L5 200N	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
L5 150N	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
L5 120N	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	-1	-1
L5 90N	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L5 60N	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	2	-1
L5 30N	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L5 0N	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L5 30S	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
L5 60S	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	1	-1
L5 90S	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
L5 120S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L5 150S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1
L5 200S	-1	-1	-1	-1	-1	-1	-1	4	-1	6	-1	-1	6	-1
L6 200N	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1
L6 150N	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1
L6 150N-R	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	2	-1
L6 120N	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	1	-1
L6 90N	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	1	-1
L6 60N	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	3	-1
L6 30N	-1	-1	-1	-1	-1	-1	-1	2	-1	3	-1	-1	3	-1
L6 0S	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	1	-1
L6 30S	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
L6 60S	-1	-1	-1	-1	-1	-1	-1	3	-1	3	-1	-1	2	-1
L6 90S	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	-1	-1	-1
L6 120S	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	1	-1
L6 150S	-1	-1	-1	-1	-1	-1	-1	2	-1	-1	-1	-1	1	-1
L6 200S	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	1	-1
L7 200N	-1	-1	-1	-1	-1	-1	-1	2	-1	4	-1	-1	4	-1
L7 150N	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	3	-1
L7 120N	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
L7 90N	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L7 90N-R	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	1	-1
L7 60N	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1
L7 30N	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	1	-1
L7 0N/S	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	-1	-1	3	-1
L7 30S	-1	-1	-1	-1	-1	-1	-1	2	-1	2	-1	-1	2	-1
L7 60S	-1	-1	-1	-1	-1	-1	-1	2	-1	1	-1	-1	2	-1
L7 90S	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

12

[redacted] Nor[redacted]hera[redacted]orato[redacted] [redacted] [redacted] [redacted] SOIL GAS HYDROCARBONS [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

Melanie Marchand

-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

(SGH) by GC/MS

SHERATON LAKE - BOND PROPERTY PROJECT

Activation Laboratories Ltd.

Date: July 3, 2009

R=Replicate Sample

	043 - HB	044 - HB	045 - LA	046 - LPH	047 - LBA	048 - HB	049 -HB	050 - LBA	051 - LBI	052 - LPB	053 - LPB	054 - HB	055 - LPB	056 - LBI
L1 200N	-1	-1	2	-1	-1	-1	-1	53	-1	-1	-1	-1	-1	-1
L1 150N	-1	-1	2	-1	1	-1	-1	61	-1	-1	-1	-1	-1	-1
L1 120N	-1	-1	1	-1	-1	-1	-1	49	-1	-1	-1	-1	-1	-1
L1 90N	-1	-1	2	-1	-1	-1	-1	56	-1	-1	-1	-1	-1	-1
L1 60N	-1	-1	1	-1	-1	-1	-1	44	-1	-1	-1	-1	-1	-1
L1 60N-R	-1	-1	-1	-1	-1	-1	-1	39	-1	-1	-1	-1	-1	-1
L1 30N	-1	-1	1	-1	1	-1	-1	59	-1	-1	-1	-1	-1	-1
L1 0N/S	-1	-1	1	-1	-1	-1	-1	42	-1	-1	-1	-1	-1	-1
L1 30S	-1	-1	1	-1	-1	-1	-1	52	-1	-1	-1	-1	-1	-1
L1 60S	-1	-1	2	-1	2	-1	-1	88	-1	-1	-1	-1	-1	-1
L1 90S	-1	-1	2	-1	1	-1	-1	65	-1	-1	-1	-1	-1	-1
L1 120S	-1	-1	1	-1	-1	-1	-1	31	-1	-1	-1	-1	-1	-1
L1 150S	-1	-1	3	-1	2	-1	-1	92	-1	-1	-1	-1	-1	-1
L1 200S	-1	-1	3	-1	1	-1	-1	74	-1	-1	-1	-1	-1	-1
L2 200N	-1	-1	3	-1	2	-1	-1	106	-1	-1	-1	-1	-1	-1
L2 150N	-1	-1	3	-1	2	-1	-1	105	-1	-1	-1	-1	-1	-1
L2 120N	-1	-1	2	-1	1	-1	-1	70	-1	-1	-1	-1	-1	-1
L2 90N	-1	-1	2	-1	1	-1	-1	57	-1	-1	-1	-1	-1	-1
L2 60N	-1	-1	3	-1	2	-1	-1	86	-1	-1	-1	-1	-1	-1
L2 30N	-1	-1	4	-1	2	-1	-1	127	-1	-1	-1	-1	-1	-1
L2 0N/S	-1	-1	3	-1	1	-1	-1	73	-1	-1	-1	-1	-1	-1
L2 0N/S-R	-1	-1	3	-1	1	-1	-1	77	-1	-1	-1	-1	-1	-1
L2 30S	-1	-1	3	-1	2	-1	-1	99	-1	-1	-1	-1	-1	-1
L2 60S	-1	-1	3	-1	2	-1	-1	93	-1	-1	-1	-1	-1	-1
L2 90S	-1	-1	3	-1	2	-1	-1	108	-1	-1	-1	-1	-1	-1
L2 120S	-1	-1	2	-1	-1	-1	-1	50	-1	-1	-1	-1	-1	-1
L2 150S	-1	-1	2	-1	1	-1	-1	88	-1	-1	-1	-1	-1	-1
L2 200S	-1	-1	1	-1	-1	-1	-1	48	-1	-1	-1	-1	-1	-1
L3 120N	-1	-1	2	-1	-1	-1	-1	55	-1	-1	-1	-1	-1	-1
L3 90N	-1	-1	4	-1	2	-1	-1	121	-1	-1	-1	-1	-1	-1
L3 60N	-1	-1	2	-1	1	-1	-1	61	-1	-1	-1	-1	-1	-1
L3 30N	-1	-1	3	-1	2	-1	-1	107	-1	-1	-1	-1	-1	-1
L3 0N/S	-1	-1	2	-1	1	-1	-1	73	-1	-1	-1	-1	-1	-1
L3 30S	-1	-1	6	-1	4	-1	-1	212	-1	-1	-1	-1	-1	-1
L3 60S	-1	-1	3	-1	2	-1	-1	110	-1	-1	-1	-1	-1	-1
L3 90S	-1	-1	5	-1	3	-1	-1	156	-1	-1	-1	-1	-1	-1
L3 120S	-1	-1	3	-1	2	-1	-1	85	-1	-1	-1	-1	-1	-1
L3 120S-R	-1	-1	3	-1	2	-1	-1	101	-1	-1	-1	-1	-1	-1
L3 150S	-1	-1	2	-1	1	-1	-1	65	-1	-1	-1	-1	-1	-1
L3 200S	-1	-1	2	-1	2	-1	-1	106	-1	-1	-1	-1	-1	-1
L4 200N	-1	-1	3	-1	2	-1	-1	124	-1	-1	-1	-1	-1	-1
L4 150N	-1	-1	2	-1	2	-1	-1	84	-1	-1	-1	-1	-1	-1
L4 120N	-1	-1	3	-1	2	-1	-1	105	-1	-1	-1	-1	-1	-1
L4 90N	-1	-1	1	-1	-1	-1	-1	51	-1	-1	-1	-1	-1	-1
L4 60N	-1	-1	3	-1	2	-1	-1	139	-1	-1	-1	-1	-1	-1
L4 30N	-1	-1	1	-1	-1	-1	-1	48	-1	-1	-1	-1	-1	-1
L4 0N/S	-1	-1	1	-1	-1	-1	-1	45	-1	-1	-1	-1	-1	-1
L4 30S	-1	-1	2	-1	1	-1	-1	70	-1	-1	-1	-1	-1	-1
L4 60S	-1	-1	1	-1	-1	-1	-1	47	-1	-1	-1	-1	-1	-1
L4 90S	-1	-1	1	-1	-1	-1	-1	48	-1	-1	-1	-1	-1	-1
L4 120S	-1	-1	2	-1	1	-1	-1	84	-1	-1	-1	-1	-1	-1
L4 150S	-1	-1	1	-1	-1	-1	-1	41	-1	-1	-1	-1	-1	-1
L4 200S	-1	-1	3	-1	2	-1	-1	97	-1	-1	-1	-1	-1	-1
L4 200S-R	-1	-1	3	-1	2	-1	-1	116	-1	-1	-1	-1	-1	-1

[redacted] Nor[redacted]nera[redacted]orat[redacted] [redacted] [redacted] [redacted] S[redacted]GAS [redacted]ROC[redacted]ONS[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

Melanie Marchand

-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

(SGH) by GC/MS

SHERATON LAKE - BOND PROPERTY PROJECT

Activation Laboratories Ltd.

Date: July 3, 2009

R=Replicate Sample

	043 - HB	044 - HB	045 - LA	046 - LPH	047 - LBA	048 - HB	049 -HB	050 - LBA	051 - LBI	052 - LPB	053 - LPB	054 - HB	055 - LPB	056 - LBI
L5 200N	-1	-1	3	-1	2	-1	-1	106	-1	-1	-1	-1	-1	-1
L5 150N	-1	-1	4	-1	2	-1	-1	113	-1	-1	-1	-1	-1	-1
L5 120N	-1	-1	3	-1	2	-1	-1	98	-1	-1	-1	-1	-1	-1
L5 90N	-1	-1	3	-1	2	-1	-1	93	-1	-1	-1	-1	-1	-1
L5 60N	-1	-1	3	-1	2	-1	-1	115	-1	-1	-1	-1	-1	-1
L5 30N	-1	-1	4	-1	2	-1	-1	113	-1	-1	-1	-1	-1	-1
L5 0N	-1	-1	3	-1	-1	-1	-1	72	-1	-1	-1	-1	-1	-1
L5 30S	-1	-1	4	-1	2	-1	-1	116	-1	-1	-1	-1	-1	-1
L5 60S	-1	-1	2	-1	1	-1	-1	84	-1	-1	-1	-1	-1	-1
L5 90S	-1	-1	3	-1	2	-1	-1	130	-1	-1	-1	-1	-1	-1
L5 120S	-1	-1	3	-1	2	-1	-1	85	-1	-1	-1	-1	-1	-1
L5 150S	-1	-1	3	-1	2	-1	-1	107	-1	-1	-1	-1	-1	-1
L5 200S	-1	-1	8	-1	4	-1	-1	234	-1	-1	-1	-1	-1	-1
L6 200N	-1	-1	2	-1	1	-1	-1	95	-1	-1	-1	-1	-1	-1
L6 150N	-1	-1	1	-1	-1	-1	-1	54	-1	-1	-1	-1	-1	-1
L6 150N-R	-1	-1	2	-1	1	-1	-1	74	-1	-1	-1	-1	-1	-1
L6 120N	-1	-1	2	-1	2	-1	-1	138	-1	-1	-1	-1	-1	-1
L6 90N	-1	-1	3	-1	2	-1	-1	130	-1	-1	-1	-1	-1	-1
L6 60N	-1	-1	4	-1	2	-1	-1	123	-1	-1	-1	-1	-1	-1
L6 30N	-1	-1	4	-1	2	-1	-1	118	-1	-1	-1	-1	-1	-1
L6 0S	-1	-1	2	-1	1	-1	-1	64	-1	-1	-1	-1	-1	-1
L6 30S	-1	-1	2	-1	1	-1	-1	68	-1	-1	-1	-1	-1	-1
L6 60S	-1	-1	3	-1	2	-1	-1	121	-1	-1	-1	-1	-1	-1
L6 90S	-1	-1	1	-1	1	-1	-1	64	-1	-1	-1	-1	-1	-1
L6 120S	-1	-1	1	-1	-1	-1	-1	48	-1	-1	-1	-1	-1	-1
L6 150S	-1	-1	2	-1	1	-1	-1	74	-1	-1	-1	-1	-1	-1
L6 200S	-1	-1	2	-1	1	-1	-1	66	-1	-1	-1	-1	-1	-1
L7 200N	-1	-1	4	-1	3	-1	-1	137	-1	-1	-1	-1	-1	-1
L7 150N	-1	-1	3	-1	2	-1	-1	107	-1	-1	-1	-1	-1	-1
L7 120N	-1	-1	2	-1	-1	-1	-1	53	-1	-1	-1	-1	-1	-1
L7 90N	-1	-1	2	-1	1	-1	-1	70	-1	-1	-1	-1	-1	-1
L7 90N-R	-1	-1	2	-1	-1	-1	-1	53	-1	-1	-1	-1	-1	-1
L7 60N	-1	-1	2	-1	2	-1	-1	101	-1	-1	-1	-1	-1	-1
L7 30N	-1	-1	1	-1	-1	-1	-1	56	-1	-1	-1	-1	-1	-1
L7 0N/S	-1	-1	3	-1	2	-1	-1	100	-1	-1	-1	-1	-1	-1
L7 30S	-1	-1	3	-1	2	-1	-1	88	-1	-1	-1	-1	-1	-1
L7 60S	-1	-1	2	-1	2	-1	-1	94	-1	-1	-1	-1	-1	-1
L7 90S	-1	-1	2	-1	-1	-1	-1	51	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	26	-1	-1	-1	-1	-1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	27	-1	-1	-1	-1	-1	-1

[redacted] [redacted]Nor[redacted]nera[redacted]brat[redacted] [redacted] [redacted] [redacted] SG[redacted]AS [redacted]ROD[redacted]ONS[redacted] [redacted] [redacted] [redacted] [redacted] Activation Laboratories Ltd. [redacted]

Melanie Marchand

(SGH) by GC/MS

Date: July 3, 2009

-1=Reporting Limit of 1pg/g (ppt=parts per trillion) SHERATON LAKE - BOND PROPERTY PROJECT

R=Replicate Sample

	057 - ALK	058 - LPB	059 - LPB	060 - LPH	061 - LBI	062 - LBA	063 - LPH	064 - LBA	065 - HPB	066 - LBA	067 - LBI	068 - HPB	069 - LA	070 - HPB
L1 200N	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	2
L1 150N	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	3
L1 120N	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	1	2
L1 90N	-1	-1	-1	-1	-1	1	-1	-1	-1	1	-1	-1	2	1
L1 60N	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	1	2
L1 60N-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	2
L1 30N	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	2	3
L1 0N/S	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	2
L1 30S	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	2	1
L1 60S	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	3	2
L1 90S	-1	-1	-1	-1	-1	1	-1	1	-1	1	-1	-1	2	2
L1 120S	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	1	2
L1 150S	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	4	2
L1 200S	-1	-1	-1	-1	-1	1	-1	1	-1	1	-1	-1	3	3
L2 200N	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	3	1
L2 150N	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	4	1
L2 120N	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	3	1
L2 90N	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	2	2
L2 60N	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	3	1
L2 30N	-1	-1	-1	-1	-1	2	-1	2	-1	-1	-1	-1	5	3
L2 0N/S	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	3	2
L2 0N/S-R	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	3	2
L2 30S	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	3	2
L2 60S	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	3	1
L2 90S	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	3	2
L2 120S	-1	-1	-1	-1	-1	-1	-1	1	-1	2	-1	-1	2	-1
L2 150S	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	2	1
L2 200S	-1	-1	-1	-1	-1	1	-1	1	-1	1	-1	-1	2	-1
L3 120N	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	2	1
L3 90N	-1	-1	-1	-1	-1	2	1	2	-1	3	-1	-1	4	1
L3 60N	-1	-1	-1	-1	-1	1	-1	1	-1	1	-1	-1	2	1
L3 30N	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	3	2
L3 0N/S	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	2	1
L3 30S	-1	-1	-1	-1	-1	2	1	3	-1	3	-1	-1	4	2
L3 60S	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	3	1
L3 90S	-1	-1	-1	-1	-1	2	-1	2	-1	3	-1	-1	3	3
L3 120S	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	3	1
L3 120S-R	-1	-1	-1	-1	-1	2	-1	2	-1	1	-1	-1	3	2
L3 150S	-1	-1	-1	-1	-1	1	-1	1	-1	1	-1	-1	2	1
L3 200S	-1	-1	-1	-1	-1	2	-1	1	-1	2	-1	-1	3	2
L4 200N	-1	-1	-1	-1	-1	2	-1	1	-1	2	-1	-1	3	2
L4 150N	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	2	1
L4 120N	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	4	2
L4 90N	-1	-1	-1	-1	-1	-1	-1	1	-1	1	-1	-1	1	1
L4 60N	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	3	2
L4 30N	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	1	2
L4 0N/S	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	2	-1
L4 30S	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	2	-1
L4 60S	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	2	-1
L4 90S	-1	-1	-1	-1	-1	1	-1	-1	-1	1	-1	-1	2	-1
L4 120S	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	3	-1
L4 150S	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	2	1
L4 200S	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	3	2
L4 200S-R	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	4	2

	057 - ALK	058 - LPB	059 - LPB	060 - LPH	061 - LBI	062 - LBA	063 - LPH	064 - LBA	065 - HPB	066 - LBA	067 - LBI	068 - HPB	069 - LA	070 - HPB
L5 200N	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	4	2
L5 150N	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	4	2
L5 120N	-1	-1	-1	-1	-1	2	1	2	-1	2	-1	-1	3	6
L5 90N	-1	-1	-1	-1	-1	1	-1	2	-1	2	-1	-1	3	2
L5 60N	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	4	2
L5 30N	-1	-1	-1	-1	-1	2	-1	2	-1	3	-1	-1	4	2
L5 0N	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	3	3
L5 30S	-1	-1	-1	-1	-1	2	2	2	-1	2	-1	-1	4	2
L5 60S	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	3	2
L5 90S	-1	-1	-1	-1	-1	2	1	2	-1	3	-1	-1	4	2
L5 120S	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	4	1
L5 150S	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	3	2
L5 200S	-1	-1	-1	-1	-1	3	2	3	-1	4	-1	-1	6	6
L6 200N	-1	-1	-1	-1	-1	1	1	1	-1	2	-1	-1	2	4
L6 150N	-1	-1	-1	-1	-1	1	-1	-1	-1	1	-1	-1	1	3
L6 150N-R	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	2	2
L6 120N	-1	-1	-1	-1	-1	2	2	2	-1	2	-1	-1	2	4
L6 90N	-1	-1	-1	-1	-1	2	1	2	-1	2	-1	-1	4	3
L6 60N	-1	-1	-1	-1	-1	2	1	2	-1	2	-1	-1	4	7
L6 30N	-1	-1	-1	-1	-1	2	1	2	-1	2	-1	-1	4	5
L6 0S	-1	-1	-1	-1	-1	1	-1	1	-1	1	-1	-1	2	3
L6 30S	-1	-1	-1	-1	-1	1	-1	1	-1	1	-1	-1	2	3
L6 60S	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	3	5
L6 90S	-1	-1	-1	-1	-1	1	-1	1	-1	1	-1	-1	2	3
L6 120S	-1	-1	-1	-1	-1	1	-1	-1	-1	1	-1	-1	2	2
L6 150S	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	2	2
L6 200S	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	2	1
L7 200N	-1	-1	-1	-1	-1	2	1	2	-1	2	-1	-1	4	3
L7 150N	-1	-1	-1	-1	-1	2	1	2	-1	2	-1	-1	3	2
L7 120N	-1	-1	-1	-1	-1	1	-1	1	-1	1	-1	-1	2	2
L7 90N	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	2	2
L7 90N-R	-1	-1	-1	-1	-1	1	-1	1	-1	1	-1	-1	2	2
L7 60N	-1	-1	-1	-1	-1	1	1	1	-1	1	-1	-1	3	2
L7 30N	-1	-1	-1	-1	-1	1	-1	-1	-1	1	-1	-1	2	-1
L7 0N/S	-1	-1	-1	-1	-1	2	-1	2	-1	2	-1	-1	3	1
L7 30S	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	3	1
L7 60S	-1	-1	-1	-1	-1	1	-1	1	-1	2	-1	-1	2	1
L7 90S	-1	-1	-1	-1	-1	1	-1	1	-1	-1	-1	-1	2	1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1

Melanie Marchand

(SGH) by GC/MS

Date: July 3, 2009

-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

SHERATON LAKE - BOND PROPERTY PROJECT

R=Replicate Sample

	071 - HPB	072 - HPB	073 - HBA	074 - HBA	075 - HPB	076 - LPH	077 - MAR	078 - ALK	079 - LBI	080 - LPH	081 - MAR	082 - LPH	083 - HBA	084 - HBA
L1 200N	3	4	1	-1	6	-1	-1	-1	-1	-1	-1	-1	2	-1
L1 150N	5	7	-1	1	10	-1	-1	-1	-1	-1	-1	-1	2	-1
L1 120N	4	5	-1	-1	7	-1	-1	-1	-1	-1	-1	-1	-1	-1
L1 90N	2	3	1	-1	4	-1	-1	-1	-1	-1	-1	-1	-1	-1
L1 60N	3	4	-1	1	6	-1	-1	-1	-1	-1	-1	-1	1	-1
L1 60N-R	3	4	-1	-1	5	-1	-1	-1	-1	-1	-1	-1	2	-1
L1 30N	5	7	1	1	10	-1	-1	-1	-1	-1	-1	-1	-1	-1
L1 0N/S	5	6	-1	1	9	-1	-1	-1	-1	-1	-1	-1	2	-1
L1 30S	2	2	1	-1	3	-1	-1	-1	-1	-1	-1	-1	1	-1
L1 60S	4	6	2	2	10	-1	-1	-1	-1	-1	-1	-1	2	-1
L1 90S	3	4	1	-1	6	-1	-1	-1	-1	-1	-1	-1	2	-1
L1 120S	3	5	-1	1	7	-1	-1	-1	-1	-1	-1	-1	2	-1
L1 150S	5	7	2	2	9	-1	-1	-1	-1	-1	-1	-1	-1	-1
L1 200S	6	9	1	-1	13	-1	-1	-1	-1	-1	-1	-1	2	-1
L2 200N	2	3	2	2	4	-1	-1	-1	-1	-1	-1	-1	5	-1
L2 150N	2	3	2	2	4	-1	-1	1	-1	-1	-1	-1	5	-1
L2 120N	2	3	1	2	4	-1	-1	-1	-1	-1	-1	-1	3	-1
L2 90N	4	6	1	1	8	-1	-1	-1	-1	-1	-1	-1	3	-1
L2 60N	2	3	2	2	4	-1	-1	-1	-1	-1	-1	-1	4	-1
L2 30N	5	7	2	3	10	-1	-1	2	-1	-1	-1	-1	6	-1
L2 0N/S	4	5	1	2	7	-1	-1	-1	-1	-1	-1	-1	3	-1
L2 0N/S-R	3	4	2	-1	6	-1	-1	-1	-1	-1	-1	-1	4	-1
L2 30S	4	6	2	2	9	-1	-1	-1	-1	-1	-1	-1	4	-1
L2 60S	2	3	1	2	4	-1	-1	-1	-1	-1	-1	-1	3	-1
L2 90S	2	4	2	2	6	-1	-1	-1	-1	-1	-1	-1	3	-1
L2 120S	1	2	1	1	2	-1	-1	-1	-1	-1	-1	-1	3	-1
L2 150S	2	3	1	1	4	-1	-1	-1	-1	-1	-1	-1	2	-1
L2 200S	2	2	-1	1	3	-1	-1	-1	-1	-1	-1	-1	2	-1
L3 120N	2	3	1	1	4	-1	-1	-1	-1	-1	-1	-1	1	-1
L3 90N	3	4	2	2	5	-1	-1	1	-1	-1	-1	-1	5	-1
L3 60N	2	2	1	1	3	-1	-1	-1	-1	-1	-1	-1	2	-1
L3 30N	3	5	2	2	7	-1	-1	-1	-1	-1	-1	-1	3	-1
L3 0N/S	2	3	1	2	4	-1	-1	-1	-1	-1	-1	-1	3	-1
L3 30S	5	7	3	3	10	-1	-1	2	-1	-1	-1	1	4	-1
L3 60S	3	4	2	2	5	-1	-1	-1	-1	-1	-1	-1	3	-1
L3 90S	5	7	2	3	10	-1	-1	1	-1	-1	-1	-1	5	-1
L3 120S	2	3	2	2	4	-1	-1	-1	-1	-1	-1	-1	4	-1
L3 120S-R	3	4	2	2	6	-1	-1	1	-1	-1	-1	-1	2	-1
L3 150S	2	3	1	1	4	-1	-1	-1	-1	-1	-1	-1	3	-1
L3 200S	3	5	2	2	8	-1	-1	-1	-1	-1	-1	-1	2	-1
L4 200N	4	5	1	2	7	-1	-1	1	-1	-1	-1	-1	3	-1
L4 150N	2	3	1	2	4	-1	-1	-1	-1	-1	-1	-1	-1	-1
L4 120N	4	6	2	2	8	-1	-1	1	-1	-1	-1	-1	2	-1
L4 90N	2	3	1	1	4	-1	-1	-1	-1	-1	-1	-1	-1	-1
L4 60N	4	6	2	2	9	-1	-1	-1	-1	-1	-1	-1	3	-1
L4 30N	2	4	1	1	5	-1	-1	-1	-1	-1	-1	-1	2	-1
L4 0N/S	1	2	1	1	2	-1	-1	-1	-1	-1	-1	-1	2	-1
L4 30S	2	2	1	2	3	-1	-1	-1	-1	-1	-1	-1	3	-1
L4 60S	1	1	-1	1	2	-1	-1	-1	-1	-1	-1	-1	2	-1
L4 90S	1	1	-1	1	2	-1	-1	-1	-1	-1	-1	-1	-1	-1
L4 120S	1	2	2	2	2	-1	-1	-1	-1	-1	-1	-1	2	-1
L4 150S	2	3	-1	-1	4	-1	-1	-1	-1	-1	-1	-1	1	-1
L4 200S	4	5	2	2	8	-1	-1	-1	-1	-1	-1	-1	4	-1
L4 200S-R	4	5	2	2	7	-1	-1	1	-1	-1	-1	-1	4	-1

[redacted] Nor[redacted]nera[redacted]orat[redacted] [redacted] [redacted] [redacted] S[redacted]GAS [redacted]ROD[redacted]ONS[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] Activation Laboratories Ltd. [redacted]

Melanie Marchand

-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

(SGH) by GC/MS

SHERATON LAKE - BOND PROPERTY PROJECT

Date: July 3, 2009

R=Replicate Sample

	071 - HPB	072 - HPB	073 - HBA	074 - HBA	075 - HPB	076 - LPH	077 - MAR	078 - ALK	079 - LBI	080 - LPH	081 - MAR	082 - LPH	083 - HBA	084 - HBA
L5 200N	4	6	2	2	8	-1	-1	1	-1	-1	-1	-1	2	-1
L5 150N	5	6	2	2	9	-1	-1	-1	-1	-1	-1	-1	5	-1
L5 120N	13	18	2	-1	25	-1	-1	-1	-1	-1	-1	-1	2	-1
L5 90N	3	4	1	2	5	-1	-1	-1	-1	-1	-1	-1	2	-1
L5 60N	3	5	2	2	6	-1	-1	-1	-1	-1	-1	-1	5	-1
L5 30N	4	5	2	2	7	-1	-1	1	-1	-1	-1	-1	4	-1
L5 0N	5	6	2	2	10	-1	-1	-1	-1	-1	-1	-1	5	-1
L5 30S	3	4	2	2	-1	-1	-1	1	-1	-1	-1	-1	6	-1
L5 60S	4	5	2	2	8	-1	-1	-1	-1	-1	-1	-1	3	-1
L5 90S	5	7	2	3	10	-1	-1	1	-1	-1	-1	-1	5	-1
L5 120S	2	3	2	2	5	-1	-1	-1	-1	-1	-1	-1	3	-1
L5 150S	5	6	2	2	9	-1	-1	1	-1	-1	-1	-1	3	-1
L5 200S	11	16	3	4	22	-1	-1	2	-1	-1	1	-1	6	-1
L6 200N	8	11	1	2	15	-1	-1	-1	-1	-1	-1	-1	4	-1
L6 150N	5	7	1	-1	11	-1	-1	-1	-1	-1	-1	-1	2	-1
L6 150N-R	4	6	1	2	8	-1	-1	-1	-1	-1	-1	-1	6	-1
L6 120N	8	11	2	2	16	-1	-1	1	-1	-1	-1	-1	3	1
L6 90N	6	8	2	2	11	-1	-1	1	-1	-1	-1	-1	4	-1
L6 60N	14	19	2	3	27	-1	-1	1	-1	-1	-1	-1	5	-1
L6 30N	9	13	2	2	19	-1	-1	1	-1	-1	-1	-1	2	-1
L6 0S	6	7	1	1	11	-1	-1	-1	-1	-1	-1	-1	-1	-1
L6 30S	6	8	1	2	12	-1	-1	-1	-1	-1	-1	-1	3	-1
L6 60S	10	14	2	2	19	-1	-1	1	-1	-1	-1	-1	4	-1
L6 90S	5	7	1	2	11	-1	-1	-1	-1	-1	-1	-1	1	-1
L6 120S	3	4	2	-1	6	-1	-1	-1	-1	-1	-1	-1	-1	-1
L6 150S	5	6	1	1	9	-1	-1	-1	-1	-1	-1	-1	2	-1
L6 200S	2	3	1	2	5	-1	-1	-1	-1	-1	-1	-1	1	-1
L7 200N	6	8	2	2	6	-1	-1	1	-1	-1	-1	-1	4	-1
L7 150N	4	5	2	2	7	-1	-1	-1	-1	-1	-1	-1	4	-1
L7 120N	4	5	-1	1	8	-1	-1	-1	-1	-1	-1	-1	1	-1
L7 90N	3	5	1	2	7	-1	-1	-1	-1	-1	-1	-1	2	-1
L7 90N-R	5	6	1	1	9	-1	-1	-1	-1	-1	-1	-1	1	-1
L7 60N	4	5	2	2	7	-1	-1	-1	-1	-1	-1	-1	2	-1
L7 30N	1	2	-1	1	3	-1	-1	-1	-1	-1	-1	-1	2	-1
L7 0N/S	2	5	2	2	9	-1	-1	-1	-1	-1	-1	-1	2	-1
L7 30S	2	3	2	2	4	-1	-1	-1	-1	-1	-1	-1	2	-1
L7 60S	2	3	1	2	4	-1	-1	-1	-1	-1	-1	-1	2	-1
L7 90S	2	3	1	2	4	-1	-1	-1	-1	-1	-1	-1	2	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	-1

37

[redacted] Nor[redacted]hera[redacted]orat[redacted] [redacted] [redacted] [redacted] S[redacted]GAS [redacted]ROC[redacted]ONS[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] Activation Laboratories Ltd. [redacted]

Melanie Marchand (SGH) by GC/MS Date: July 3, 2009

-1=Reporting Limit of 1pg/g (ppt=parts per trillion) SHERATON LAKE - BOND PROPERTY PROJECT R=Replicate Sample

	085 - LPH	086 - LBI	087 - MAR	088 - HBA	089 - THI	090 - HPB	091 - LBI	092 - LPH	093 - LA	094 - LBI	095 - MAR	096 - LPH	097 - HBA	098 - THI
L1 200N	-1	-1	-1	-1	-1	-1	-1	-1	4	-1	-1	1	3	-1
L1 150N	2	-1	1	2	-1	1	-1	-1	5	-1	-1	1	2	-1
L1 120N	2	-1	1	2	-1	-1	-1	-1	4	-1	-1	1	4	-1
L1 90N	1	-1	1	1	-1	-1	-1	-1	5	-1	-1	1	3	-1
L1 60N	1	-1	-1	-1	-1	-1	-1	-1	4	-1	-1	-1	3	-1
L1 60N-R	-1	-1	-1	-1	-1	-1	-1	-1	4	-1	-1	-1	3	-1
L1 30N	2	-1	1	1	-1	-1	-1	-1	4	-1	-1	1	4	-1
L1 0N/S	2	-1	-1	1	-1	-1	-1	-1	4	-1	-1	1	-1	-1
L1 30S	1	-1	-1	1	-1	-1	-1	-1	5	-1	-1	-1	4	-1
L1 60S	3	-1	1	3	-1	-1	-1	-1	8	-1	1	1	7	-1
L1 90S	3	-1	-1	3	-1	-1	-1	-1	6	-1	-1	-1	5	-1
L1 120S	2	-1	1	2	-1	-1	-1	-1	4	-1	-1	-1	3	-1
L1 150S	6	-1	-1	4	-1	1	-1	-1	7	-1	1	1	6	-1
L1 200S	3	-1	-1	3	-1	-1	-1	-1	6	-1	1	1	5	-1
L2 200N	5	-1	-1	4	-1	-1	-1	-1	10	-1	-1	1	8	-1
L2 150N	5	-1	1	5	-1	-1	-1	-1	13	1	-1	1	11	1
L2 120N	4	-1	-1	2	-1	-1	-1	-1	7	-1	-1	-1	6	-1
L2 90N	2	-1	2	2	-1	-1	-1	-1	6	-1	1	1	5	-1
L2 60N	5	-1	1	5	-1	-1	-1	-1	11	-1	-1	1	9	-1
L2 30N	8	-1	1	7	-1	-1	-1	-1	13	1	1	1	11	1
L2 0N/S	3	-1	1	4	-1	-1	-1	-1	8	-1	1	1	7	1
L2 0N/S-R	5	-1	1	4	-1	-1	-1	-1	10	-1	2	1	8	1
L2 30S	4	-1	-1	3	-1	-1	-1	-1	8	-1	-1	1	7	-1
L2 60S	4	-1	-1	4	-1	-1	-1	-1	8	-1	-1	1	7	-1
L2 90S	5	-1	-1	4	-1	-1	-1	-1	9	-1	-1	1	8	-1
L2 120S	3	-1	-1	2	-1	-1	-1	-1	5	-1	-1	-1	4	-1
L2 150S	3	-1	-1	2	-1	-1	-1	-1	6	-1	-1	1	5	-1
L2 200S	2	-1	1	2	-1	-1	-1	-1	5	-1	-1	-1	4	-1
L3 120N	3	-1	1	3	-1	-1	-1	-1	5	-1	-1	-1	3	-1
L3 90N	5	-1	2	5	-1	1	1	-1	16	1	-1	1	13	1
L3 60N	-1	-1	1	3	-1	1	-1	-1	6	-1	1	1	5	1
L3 30N	3	-1	1	4	-1	-1	-1	-1	9	-1	1	1	7	1
L3 0N/S	4	-1	2	3	-1	-1	-1	-1	7	-1	-1	1	6	-1
L3 30S	9	-1	2	6	-1	1	-1	1	11	1	1	2	10	1
L3 60S	3	-1	2	4	-1	1	-1	-1	9	-1	1	1	8	1
L3 90S	6	-1	1	5	-1	1	1	-1	9	1	1	1	8	-1
L3 120S	4	-1	1	4	-1	-1	-1	-1	7	-1	-1	1	6	-1
L3 120S-R	4	-1	1	4	-1	1	-1	-1	9	-1	1	1	8	-1
L3 150S	1	-1	1	2	-1	-1	-1	-1	5	-1	-1	1	4	-1
L3 200S	4	-1	2	4	-1	1	-1	-1	9	-1	1	1	7	1
L4 200N	5	-1	1	5	-1	-1	-1	-1	9	-1	-1	1	8	-1
L4 150N	2	-1	1	3	-1	-1	-1	-1	6	-1	1	1	5	1
L4 120N	4	-1	1	4	-1	-1	-1	-1	9	-1	-1	1	7	-1
L4 90N	2	-1	1	1	-1	-1	-1	-1	5	-1	-1	1	1	-1
L4 60N	6	-1	1	4	-1	-1	-1	-1	8	-1	-1	1	7	-1
L4 30N	3	-1	1	2	-1	-1	-1	-1	5	-1	-1	-1	4	-1
L4 0N/S	2	-1	-1	2	-1	-1	-1	-1	5	-1	-1	-1	-1	-1
L4 30S	2	-1	2	2	-1	-1	-1	-1	6	-1	1	1	5	-1
L4 60S	2	-1	-1	1	-1	-1	-1	-1	5	-1	-1	-1	4	-1
L4 90S	2	-1	1	2	-1	-1	-1	-1	4	-1	-1	-1	3	-1
L4 120S	3	-1	1	3	-1	-1	-1	-1	8	-1	-1	1	7	1
L4 150S	2	-1	1	1	-1	-1	-1	-1	4	-1	-1	-1	3	-1
L4 200S	5	-1	1	4	-1	-1	-1	-1	8	-1	-1	1	7	-1
L4 200S-R	6	-1	1	5	-1	-1	-1	-1	12	1	1	1	10	1

[redacted] Nort[redacted]nera[redacted]orat[redacted] [redacted] [redacted] [redacted] S[redacted]AS [redacted]RO[redacted]ONS[redacted] [redacted] [redacted] [redacted] [redacted] Activation Laboratories Ltd. [redacted]

Melanie Marchand (SGH) by GC/MS Date: July 3, 2009

-1=Reporting Limit of 1pg/g (ppt=parts per trillion) SHERATON LAKE - BOND PROPERTY PROJECT R=Replicate Sample

	085 - LPH	086 - LBI	087 - MAR	088 - HBA	089 - THI	090 - HPB	091 - LBI	092 - LPH	093 - LA	094 - LBI	095 - MAR	096 - LPH	097 - HBA	098 - THI
L5 200N	6	-1	-1	4	-1	1	-1	-1	9	-1	1	1	8	1
L5 150N	5	-1	1	5	-1	-1	-1	-1	10	-1	1	1	8	1
L5 120N	4	-1	1	5	-1	1	-1	1	7	-1	1	2	6	1
L5 90N	5	-1	1	4	-1	1	-1	-1	9	-1	1	1	7	-1
L5 60N	6	-1	-1	5	-1	-1	-1	-1	11	1	-1	1	9	-1
L5 30N	6	-1	1	6	-1	1	-1	1	11	1	1	1	9	1
L5 0N	5	-1	1	4	-1	1	-1	-1	7	-1	1	1	4	-1
L5 30S	5	-1	1	6	-1	1	-1	1	14	1	-1	2	12	1
L5 60S	5	-1	1	4	-1	-1	-1	-1	9	-1	1	1	7	-1
L5 90S	8	-1	1	7	-1	1	1	1	13	1	-1	2	11	1
L5 120S	4	-1	-1	4	-1	-1	-1	-1	11	1	1	1	9	1
L5 150S	4	-1	1	4	-1	1	-1	-1	8	-1	-1	1	7	-1
L5 200S	8	-1	1	7	-1	1	1	2	21	1	1	2	17	1
L6 200N	4	-1	1	4	-1	1	-1	1	6	-1	1	2	5	-1
L6 150N	1	-1	-1	2	-1	-1	-1	-1	4	-1	-1	1	4	-1
L6 150N-R	5	-1	-1	3	-1	-1	-1	-1	6	-1	-1	1	5	-1
L6 120N	5	-1	1	5	-1	1	-1	1	8	-1	1	2	7	-1
L6 90N	6	-1	1	5	-1	1	1	1	12	1	1	2	10	1
L6 60N	6	-1	1	6	-1	1	-1	1	10	1	1	2	8	-1
L6 30N	6	-1	1	5	-1	1	-1	1	10	1	1	2	8	1
L6 0S	2	-1	-1	2	-1	-1	-1	-1	4	-1	-1	1	4	-1
L6 30S	3	-1	1	2	-1	1	-1	-1	6	-1	-1	1	6	-1
L6 60S	5	-1	1	4	-1	1	-1	1	8	-1	1	1	7	-1
L6 90S	3	-1	-1	2	-1	-1	-1	-1	5	-1	-1	1	4	-1
L6 120S	1	-1	-1	1	-1	-1	-1	-1	5	-1	-1	1	4	-1
L6 150S	2	-1	1	2	-1	-1	-1	-1	6	-1	-1	1	1	-1
L6 200S	2	-1	-1	1	-1	-1	-1	-1	5	-1	-1	1	-1	-1
L7 200N	6	-1	1	4	-1	1	-1	1	10	1	1	2	8	1
L7 150N	5	-1	2	4	-1	1	-1	1	10	-1	1	2	9	-1
L7 120N	3	-1	1	3	-1	1	-1	-1	6	-1	1	1	5	-1
L7 90N	3	-1	-1	3	-1	-1	-1	-1	6	-1	1	1	5	-1
L7 90N-R	2	-1	-1	3	-1	-1	-1	-1	6	-1	-1	1	5	-1
L7 60N	4	-1	1	4	-1	-1	-1	-1	8	-1	-1	1	6	-1
L7 30N	2	-1	-1	3	-1	-1	-1	-1	5	-1	-1	-1	4	-1
L7 0N/S	5	-1	1	3	-1	1	-1	-1	10	1	-1	1	9	1
L7 30S	5	-1	-1	2	-1	-1	-1	-1	7	-1	-1	1	6	-1
L7 60S	4	-1	-1	3	-1	-1	-1	-1	7	-1	-1	1	6	-1
L7 90S	3	-1	-1	2	-1	-1	-1	-1	5	-1	-1	1	4	-1
BLANK	1	-1	-1	-1	-1	-1	-1	-1	3	-1	-1	-1	3	-1
BLANK	-1	-1	-1	2	-1	-1	-1	-1	3	-1	-1	-1	1	-1

96

[redacted] Nor[redacted]hera[redacted]orato[redacted] [redacted] [redacted] [redacted] SG[redacted]AS [redacted]ROC[redacted]ONS[redacted] [redacted] [redacted] [redacted] [redacted] Activation Laboratories Ltd. [redacted]

Melanie Marchand

-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

(SGH) by GC/MS

SHERATON LAKE - BOND PROPERTY PROJECT

Date: July 3, 2009

R=Replicate Sample

	099 - LPH	100 - LPH	101 - MAR	102 - MBI	103 - LPH	104 - MAR	105 - ALK	106 - MBI	107 - MBI	108 - LPH	109 - MAR	110 - HBA	111 - MAR	112 - MBI
L1 200N	-1	-1	-1	-1	-1	-1	1	-1	-1	3	4	6	2	2
L1 150N	-1	1	-1	-1	-1	1	1	-1	-1	3	3	7	2	2
L1 120N	-1	1	-1	-1	-1	-1	1	-1	-1	3	4	6	2	2
L1 90N	-1	-1	-1	-1	-1	-1	1	-1	-1	3	4	7	2	2
L1 60N	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	3	6	2	2
L1 60N-R	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	3	5	2	2
L1 30N	-1	1	-1	-1	-1	1	-1	-1	-1	3	3	6	2	2
L1 0N/S	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	3	6	2	2
L1 30S	-1	-1	-1	-1	-1	-1	1	-1	-1	3	4	8	2	2
L1 60S	-1	1	-1	-1	-1	1	2	-1	-1	3	4	14	2	3
L1 90S	-1	-1	-1	-1	-1	-1	1	-1	-1	3	3	9	2	2
L1 120S	-1	-1	-1	-1	-1	-1	1	-1	-1	3	4	7	2	2
L1 150S	-1	-1	-1	-1	-1	1	2	-1	-1	3	4	13	2	2
L1 200S	-1	1	-1	-1	-1	1	1	-1	-1	3	4	9	2	2
L2 200N	-1	-1	-1	1	-1	1	2	-1	1	3	4	18	2	2
L2 150N	-1	1	-1	1	-1	1	2	-1	1	3	5	22	2	3
L2 120N	-1	-1	-1	-1	-1	-1	2	-1	-1	3	4	14	2	2
L2 90N	-1	1	-1	-1	-1	1	1	-1	-1	3	4	9	2	3
L2 60N	-1	-1	-1	-1	-1	1	2	-1	-1	3	5	20	2	3
L2 30N	-1	1	-1	1	-1	1	3	-1	-1	3	4	24	2	3
L2 0N/S	-1	-1	-1	-1	-1	1	2	-1	1	3	4	14	2	3
L2 0N/S-R	-1	1	-1	-1	-1	1	2	-1	-1	3	4	18	2	2
L2 30S	-1	1	-1	-1	-1	1	2	-1	-1	3	4	14	2	3
L2 60S	-1	-1	-1	-1	-1	1	2	-1	-1	3	4	15	2	2
L2 90S	-1	-1	-1	-1	-1	1	2	-1	-1	3	4	20	2	2
L2 120S	-1	-1	-1	-1	-1	-1	1	-1	-1	-1	4	9	2	2
L2 150S	-1	-1	-1	-1	-1	-1	2	-1	-1	3	4	13	2	2
L2 200S	-1	-1	-1	-1	-1	-1	1	-1	-1	3	4	7	2	2
L3 120N	-1	1	-1	-1	-1	-1	1	-1	-1	3	3	7	2	2
L3 90N	-1	1	-1	1	-1	1	3	-1	1	3	6	35	2	3
L3 60N	-1	1	-1	-1	-1	-1	1	-1	1	3	-1	12	2	2
L3 30N	-1	1	-1	1	-1	1	2	-1	-1	3	4	18	2	3
L3 0N/S	-1	1	-1	1	-1	1	1	-1	1	3	4	14	2	2
L3 30S	1	1	-1	1	1	2	3	-1	1	3	5	23	2	5
L3 60S	-1	1	-1	-1	-1	1	2	-1	1	3	4	15	2	3
L3 90S	-1	1	-1	1	-1	1	3	-1	1	3	5	21	2	3
L3 120S	1	1	-1	-1	-1	1	2	-1	-1	3	4	19	2	3
L3 120S-R	-1	1	-1	1	-1	1	2	-1	1	3	5	20	2	3
L3 150S	-1	1	-1	-1	-1	-1	1	-1	1	3	4	9	2	2
L3 200S	-1	1	-1	-1	-1	1	2	-1	-1	3	4	14	2	3
L4 200N	-1	1	-1	1	-1	1	2	-1	-1	3	4	19	2	2
L4 150N	-1	1	-1	-1	-1	1	1	-1	-1	3	4	11	2	2
L4 120N	-1	1	-1	-1	-1	1	2	-1	-1	3	4	16	2	3
L4 90N	-1	1	-1	-1	-1	1	1	-1	1	3	4	8	2	2
L4 60N	-1	1	-1	1	-1	1	2	-1	-1	3	5	22	2	3
L4 30N	-1	-1	-1	-1	-1	-1	1	-1	-1	3	4	7	2	2
L4 0N/S	-1	-1	-1	-1	-1	-1	1	-1	-1	3	4	7	2	2
L4 30S	-1	1	-1	-1	-1	1	1	-1	-1	3	4	10	2	2
L4 60S	-1	-1	-1	-1	-1	-1	1	-1	-1	3	4	8	2	2
L4 90S	-1	-1	-1	-1	-1	-1	1	-1	-1	3	4	8	2	2
L4 120S	-1	-1	-1	-1	-1	1	2	-1	1	3	4	17	2	3
L4 150S	-1	1	-1	-1	-1	-1	1	-1	-1	3	3	6	2	2
L4 200S	-1	1	-1	1	-1	1	2	-1	-1	3	4	18	2	2
L4 200S-R	-1	1	-1	1	-1	1	2	-1	1	3	5	26	2	3

	099 - LPH	100 - LPH	101 - MAR	102 - MBI	103 - LPH	104 - MAR	105 - ALK	106 - MBI	107 - MBI	108 - LPH	109 - MAR	110 - HBA	111 - MAR	112 - MBI
L5 200N	-1	1	-1	1	-1	1	2	-1	1	3	5	16	2	2
L5 150N	-1	1	-1	1	-1	1	2	-1	1	3	4	16	2	-1
L5 120N	1	1	-1	-1	-1	1	2	-1	1	3	4	11	2	3
L5 90N	-1	1	-1	-1	-1	1	2	-1	1	3	4	17	2	3
L5 60N	-1	1	-1	1	-1	1	2	-1	1	3	5	15	2	2
L5 30N	-1	1	-1	-1	1	1	2	-1	-1	3	5	12	2	3
L5 0N	-1	1	-1	-1	-1	1	2	-1	1	3	5	16	2	3
L5 30S	1	1	-1	1	1	1	3	-1	1	3	5	28	3	3
L5 60S	-1	1	-1	1	-1	1	2	-1	1	3	4	19	2	3
L5 90S	1	1	-1	1	-1	1	3	-1	-1	3	4	21	2	3
L5 120S	-1	1	-1	-1	-1	1	2	-1	-1	3	5	20	2	3
L5 150S	-1	1	-1	-1	-1	1	2	-1	1	3	4	14	2	3
L5 200S	1	2	-1	1	1	2	4	-1	1	4	6	37	3	4
L6 200N	-1	1	-1	-1	1	1	2	-1	-1	3	4	12	2	2
L6 150N	-1	1	-1	-1	-1	1	1	-1	-1	3	4	8	2	2
L6 150N-R	-1	1	-1	-1	-1	1	1	-1	-1	3	4	12	2	2
L6 120N	1	2	-1	1	1	2	3	-1	1	3	6	27	2	3
L6 90N	1	1	-1	1	1	1	3	-1	1	3	5	18	2	3
L6 60N	1	1	-1	1	1	1	2	-1	1	3	5	16	2	3
L6 30N	1	1	-1	1	-1	1	2	-1	1	3	5	16	2	3
L6 0S	-1	1	-1	-1	-1	1	1	-1	-1	3	4	7	2	2
L6 30S	-1	1	-1	-1	-1	1	1	-1	1	3	4	12	2	2
L6 60S	1	1	-1	1	1	1	2	-1	-1	3	4	18	2	3
L6 90S	-1	1	-1	-1	-1	1	1	-1	-1	3	4	9	2	3
L6 120S	-1	1	-1	-1	-1	-1	1	-1	1	3	4	9	2	3
L6 150S	-1	1	-1	-1	-1	1	1	-1	-1	3	4	10	2	3
L6 200S	-1	1	-1	-1	-1	1	1	-1	1	3	4	7	2	2
L7 200N	1	1	-1	1	-1	2	2	-1	1	3	5	18	2	3
L7 150N	1	1	-1	-1	1	2	2	-1	1	3	5	19	2	3
L7 120N	-1	1	-1	-1	-1	1	1	-1	1	3	4	12	2	3
L7 90N	-1	1	-1	-1	-1	1	2	-1	1	3	4	12	2	3
L7 90N-R	-1	1	-1	-1	-1	1	1	-1	-1	3	4	11	2	3
L7 60N	-1	1	-1	-1	-1	1	2	-1	-1	3	4	14	2	3
L7 30N	-1	1	-1	-1	-1	-1	1	-1	-1	3	4	8	2	2
L7 0N/S	1	1	-1	1	-1	1	2	-1	-1	3	4	12	2	3
L7 30S	-1	1	-1	-1	-1	1	2	-1	-1	3	4	11	2	2
L7 60S	-1	1	-1	-1	-1	1	2	-1	-1	3	4	12	2	3
L7 90S	-1	1	-1	-1	-1	1	1	-1	-1	3	4	8	2	2
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	3	5	2	2
BLANK	-1	-1	-1	-1	-1	-1	-1	-1	-1	3	4	5	2	2

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[redacted] North[redacted]Mineral[redacted]Corporate[redacted] [redacted] [redacted] [redacted] S[redacted]GAS [redacted]ROC[redacted]ONS[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

Melanie Marchand

-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

(SGH) by GC/MS

SHERATON LAKE - BOND PROPERTY PROJECT

Activation Laboratories Ltd.

Date: July 3, 2009

R=Replicate Sample

	113 - HBA	114 - MBI	115 - MBI	116 - MAR	117 - HA	118 - MPH	119 - HBA	120 - THI	121 - MPH	122 - MPH	123 - MPH	124 - MBI	125 - HAR	126 - MPH
L1 200N	7	2	3	2	13	3	-1	2	3	4	3	3	3	3
L1 150N	7	3	3	2	13	3	8	2	3	4	3	3	3	3
L1 120N	6	2	3	2	11	3	7	2	3	4	3	3	3	3
L1 90N	7	2	3	2	12	3	7	2	2	4	3	3	3	3
L1 60N	6	2	3	2	10	3	1	2	2	4	3	3	3	3
L1 60N-R	5	2	2	2	9	3	6	2	3	4	2	3	3	3
L1 30N	7	3	3	2	15	3	9	2	3	4	3	3	3	3
L1 0N/S	6	2	2	2	10	3	7	2	3	4	3	3	3	3
L1 30S	6	2	3	2	13	3	7	2	3	4	2	3	3	3
L1 60S	10	3	3	2	31	3	13	2	3	4	3	3	3	3
L1 90S	8	3	3	2	18	3	9	-1	3	4	3	3	3	3
L1 120S	6	2	3	2	13	3	8	2	3	4	3	3	3	3
L1 150S	10	2	3	2	37	3	15	2	3	5	3	3	3	3
L1 200S	8	2	3	2	18	3	9	2	3	5	3	3	3	3
L2 200N	11	2	3	2	40	3	14	2	3	5	3	3	3	3
L2 150N	12	2	3	3	39	3	16	2	3	5	3	3	3	3
L2 120N	8	2	3	2	32	3	13	2	3	4	3	3	3	3
L2 90N	7	3	3	2	17	3	9	2	3	4	3	3	3	3
L2 60N	11	2	3	3	38	3	14	2	3	5	3	3	3	3
L2 30N	12	3	3	2	58	3	18	2	3	5	3	3	4	3
L2 0N/S	8	3	3	2	32	3	14	2	3	5	3	3	3	3
L2 0N/S-R	11	2	3	2	42	3	14	2	3	5	3	3	3	3
L2 30S	10	3	3	2	34	3	12	2	3	5	3	3	4	3
L2 60S	8	3	3	2	33	3	13	2	3	4	3	3	-1	3
L2 90S	11	2	3	2	47	3	15	2	3	5	3	3	4	3
L2 120S	7	2	3	2	18	3	9	2	3	4	3	3	3	3
L2 150S	8	2	3	2	29	3	11	2	3	5	3	3	3	3
L2 200S	7	2	3	2	13	3	7	2	3	4	3	3	3	3
L3 120N	6	2	3	2	14	3	8	2	3	4	3	3	3	3
L3 90N	13	4	4	3	54	4	20	2	3	5	3	4	4	3
L3 60N	9	3	3	2	19	3	9	2	3	5	3	3	3	3
L3 30N	9	3	3	2	31	3	12	2	3	5	3	3	4	3
L3 0N/S	8	2	3	2	25	3	11	2	3	5	3	3	3	3
L3 30S	15	4	4	2	47	3	21	2	3	6	4	4	4	4
L3 60S	11	3	4	2	38	3	15	2	3	5	3	3	3	3
L3 90S	12	3	3	2	37	3	15	2	3	6	3	3	4	3
L3 120S	10	3	3	2	28	3	12	2	3	5	3	3	-1	3
L3 120S-R	11	3	4	2	35	3	15	2	3	5	3	3	4	3
L3 150S	8	2	3	2	19	3	9	2	3	5	3	3	3	3
L3 200S	10	3	3	2	36	3	13	2	3	5	3	-1	3	3
L4 200N	9	3	3	2	37	3	13	2	3	5	3	3	-1	3
L4 150N	8	2	3	2	24	3	11	2	3	5	3	3	3	3
L4 120N	10	3	3	2	33	3	15	2	3	5	3	3	3	3
L4 90N	7	3	3	2	14	3	8	2	3	5	3	3	3	3
L4 60N	10	2	3	2	53	3	15	2	3	5	3	4	-1	3
L4 30N	7	3	3	2	15	3	8	2	2	5	3	3	3	3
L4 0N/S	6	2	3	2	13	2	8	2	3	4	3	3	3	3
L4 30S	8	3	3	2	22	3	10	2	3	5	-1	4	3	3
L4 60S	7	2	3	2	16	2	8	2	2	5	3	3	3	3
L4 90S	7	2	3	2	17	2	9	2	2	4	3	3	3	3
L4 120S	9	2	3	2	38	3	14	2	3	5	2	3	3	3
L4 150S	7	3	3	2	14	3	8	2	2	5	3	3	3	3
L4 200S	11	3	3	2	39	3	15	2	3	5	3	3	3	3
L4 200S-R	12	3	3	3	58	3	19	2	3	5	3	3	4	3

[redacted] [redacted]North[redacted]eral[redacted]orato[redacted] [redacted] [redacted] [redacted] SC[redacted]AS H[redacted]ROC[redacted]ONS[redacted] [redacted] [redacted] [redacted] [redacted] Activation Laboratories Ltd. [redacted]

Melanie Marchand

(SGH) by GC/MS

Date: July 3, 2009

-1=Reporting Limit of 1pg/g (ppt=parts per trillion) SHERATON LAKE - BOND PROPERTY PROJECT

R=Replicate Sample

	113 - HBA	114 - MBI	115 - MBI	116 - MAR	117 - HA	118 - MPH	119 - HBA	120 - THI	121 - MPH	122 - MPH	123 - MPH	124 - MBI	125 - HAR	126 - MPH
L5 200N	9	3	3	2	35	3	15	2	3	5	3	4	3	3
L5 150N	11	3	3	2	39	3	15	2	3	5	3	3	3	3
L5 120N	10	3	3	2	20	3	13	2	3	5	3	3	4	4
L5 90N	10	3	3	2	35	3	16	2	3	5	3	3	3	3
L5 60N	11	2	3	3	45	3	15	2	3	5	3	3	4	3
L5 30N	11	3	3	2	37	3	6	2	3	5	3	3	4	3
L5 0N	9	3	4	2	32	3	13	2	3	5	3	3	4	3
L5 30S	14	3	4	3	61	4	24	3	3	5	3	4	4	4
L5 60S	12	3	3	3	41	3	18	2	3	6	3	4	-1	4
L5 90S	11	3	4	3	58	3	20	2	3	5	3	3	3	3
L5 120S	13	3	3	3	43	3	17	2	3	5	3	3	4	3
L5 150S	11	3	3	2	33	3	15	2	3	5	3	3	3	3
L5 200S	18	3	5	4	69	5	28	2	4	6	4	4	5	5
L6 200N	9	3	3	2	22	3	11	2	3	5	3	3	4	3
L6 150N	7	2	3	2	14	3	9	2	3	5	3	3	3	3
L6 150N-R	9	2	3	2	19	3	10	2	3	5	3	-1	3	3
L6 120N	18	3	5	3	46	5	25	2	4	6	4	4	5	5
L6 90N	14	3	4	3	47	3	18	2	3	6	4	3	4	4
L6 60N	11	3	3	2	33	3	14	2	3	6	3	3	4	4
L6 30N	12	3	3	2	38	3	18	2	3	5	3	3	4	4
L6 0S	8	3	3	2	14	3	8	-1	3	5	3	3	-1	3
L6 30S	8	3	3	2	24	3	11	2	3	5	3	3	4	3
L6 60S	10	3	3	2	39	3	15	2	3	6	3	3	4	4
L6 90S	8	2	3	2	20	3	11	2	3	5	3	3	3	3
L6 120S	9	2	3	2	26	3	11	2	3	5	3	3	3	3
L6 150S	8	2	3	2	19	3	9	2	3	5	3	3	3	3
L6 200S	8	2	3	2	16	3	9	2	3	5	3	3	3	3
L7 200N	10	3	4	3	33	4	14	2	3	5	4	3	4	4
L7 150N	12	3	4	3	41	4	18	2	3	5	4	4	4	4
L7 120N	8	3	3	2	19	3	12	2	3	5	3	3	4	3
L7 90N	8	2	3	2	26	3	12	2	3	5	3	3	3	3
L7 90N-R	9	3	3	2	20	3	10	2	3	5	3	3	3	3
L7 60N	10	2	3	2	34	3	14	2	3	5	3	4	3	3
L7 30N	7	2	3	2	15	3	9	2	3	5	3	3	3	3
L7 0N/S	10	2	3	3	26	3	14	2	3	5	3	3	4	3
L7 30S	9	2	3	2	23	3	11	2	3	5	3	3	4	3
L7 60S	9	3	3	2	30	3	12	2	-1	5	3	3	3	3
L7 90S	8	2	3	2	17	3	10	2	3	5	3	3	3	3
BLANK	5	2	3	2	9	2	7	2	2	4	2	3	3	3
BLANK	5	2	3	2	9	3	7	2	3	4	3	3	3	3

[redacted] [redacted] North [redacted] eral [redacted] rato[redacted] [redacted] [redacted] [redacted] SO[redacted]AS H[redacted]OC/[redacted]ONS[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

Melanie Marchand

-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

(SGH) by GC/MS

SHERATON LAKE - BOND PROPERTY PROJECT

Activation Laboratories Ltd.

Date: July 3, 2009

R=Replicate Sample

	127 - MPH	128 - MPH	129 - HAR	130 - HAR	131 - MPH	132 - ALK	133 - HAR	134 - HAR	135 - MPH	136 - MPH	137 - HBI	138 - HBI	139 - HPH	140 - HPH
L1 200N	2	2	2	3	3	12	9	12	9	7	5	7	8	7
L1 150N	3	2	2	3	3	13	9	11	8	8	5	7	8	7
L1 120N	2	2	2	3	3	11	9	11	9	7	4	6	8	7
L1 90N	2	2	2	3	3	12	9	11	9	7	4	7	1	7
L1 60N	2	2	2	3	3	11	8	11	9	7	3	6	8	7
L1 60N-R	2	1	2	3	2	9	9	11	8	7	4	-1	8	7
L1 30N	2	2	2	3	3	12	9	11	9	8	5	6	8	6
L1 0N/S	2	2	2	3	3	10	9	11	9	7	5	7	8	7
L1 30S	2	1	2	3	2	11	8	12	8	7	4	6	8	-1
L1 60S	3	2	2	3	3	17	9	12	9	8	5	7	8	7
L1 90S	2	2	2	3	2	13	8	12	9	8	5	7	8	6
L1 120S	2	2	2	3	2	11	9	12	9	8	4	7	8	8
L1 150S	2	2	2	3	3	19	10	13	10	8	4	7	8	7
L1 200S	2	2	2	3	3	17	9	12	9	8	5	7	8	7
L2 200N	2	2	2	3	3	18	10	13	9	7	5	8	8	7
L2 150N	2	2	2	3	3	22	10	15	9	8	5	7	8	7
L2 120N	3	2	2	3	3	15	9	12	9	7	4	7	8	7
L2 90N	2	2	2	3	3	13	9	12	9	7	4	7	8	7
L2 60N	3	2	2	3	3	20	10	14	9	7	5	8	8	7
L2 30N	3	2	2	3	3	24	10	13	10	8	5	8	8	8
L2 0N/S	2	2	3	3	3	19	9	12	9	7	5	8	9	7
L2 0N/S-R	2	2	2	3	3	20	10	12	9	8	5	7	8	7
L2 30S	2	2	2	3	3	18	10	13	9	9	5	7	8	7
L2 60S	2	2	2	3	3	17	9	12	9	7	5	7	8	7
L2 90S	2	2	2	3	3	19	9	12	9	8	5	7	8	7
L2 120S	2	2	2	3	3	12	9	12	9	7	4	7	8	7
L2 150S	2	2	2	3	3	17	9	12	9	7	4	7	8	7
L2 200S	2	2	2	3	3	12	9	11	10	8	5	6	8	7
L3 120N	2	2	2	3	3	12	9	11	9	8	5	6	8	7
L3 90N	3	2	2	3	3	29	10	17	10	8	5	8	9	8
L3 60N	2	2	2	3	3	14	9	13	9	8	4	7	8	7
L3 30N	3	2	2	3	3	19	9	13	9	8	5	8	9	8
L3 0N/S	2	2	2	3	3	14	9	12	10	7	5	7	8	7
L3 30S	3	3	3	3	3	33	10	16	10	10	6	8	10	8
L3 60S	3	2	2	3	3	20	10	13	10	8	5	8	8	7
L3 90S	3	2	2	3	3	21	10	15	9	8	5	8	9	7
L3 120S	2	2	2	3	3	18	9	13	10	8	5	8	8	7
L3 120S-R	2	2	2	3	3	22	11	14	10	7	5	8	9	8
L3 150S	2	2	2	3	3	14	9	11	9	7	4	7	8	8
L3 200S	3	2	2	3	3	19	10	14	9	7	6	8	8	8
L4 200N	3	2	2	3	3	19	10	12	10	8	5	8	8	8
L4 150N	2	2	2	3	3	16	9	12	9	8	5	7	8	7
L4 120N	2	2	2	3	3	24	10	13	9	8	4	7	9	7
L4 90N	2	2	2	2	3	12	9	12	8	8	5	7	8	7
L4 60N	2	2	2	3	3	19	10	14	9	8	5	7	9	7
L4 30N	2	2	2	3	3	12	9	12	9	7	4	7	8	8
L4 0N/S	2	2	2	3	3	11	9	12	9	7	5	7	8	7
L4 30S	2	2	2	3	3	14	9	12	8	8	5	7	8	7
L4 60S	2	2	2	3	3	11	9	12	9	7	5	7	8	7
L4 90S	2	2	2	3	3	12	9	11	8	7	4	7	8	7
L4 120S	2	2	2	3	3	18	11	13	9	8	5	7	8	8
L4 150S	2	2	2	3	3	12	9	13	9	8	5	7	8	7
L4 200S	2	2	2	3	3	23	9	14	10	8	5	7	9	7
L4 200S-R	2	2	2	3	3	26	11	14	10	8	6	8	9	7

	127 - MPH	128 - MPH	129 - HAR	130 - HAR	131 - MPH	132 - ALK	133 - HAR	134 - HAR	135 - MPH	136 - MPH	137 - HBI	138 - HBI	139 - HPH	140 - HPH
L5 200N	2	2	2	3	3	20	10	13	10	8	5	7	9	7
L5 150N	3	2	2	3	3	19	11	13	10	8	5	7	8	7
L5 120N	3	3	2	3	3	20	10	13	10	8	6	8	9	8
L5 90N	3	2	3	3	3	19	10	14	9	8	5	8	9	8
L5 60N	3	2	2	3	3	20	11	14	10	9	5	8	9	7
L5 30N	3	2	2	3	3	22	10	15	11	8	5	7	9	8
L5 0N	3	2	2	3	3	16	9	13	11	8	5	8	9	8
L5 30S	3	2	2	3	3	29	11	18	11	9	6	8	10	-1
L5 60S	3	2	3	3	3	21	10	15	11	8	5	7	2	8
L5 90S	3	2	2	3	3	23	10	16	10	7	5	8	9	8
L5 120S	3	2	2	3	3	22	10	15	10	8	5	7	8	7
L5 150S	2	2	2	3	3	19	10	13	10	8	5	7	8	7
L5 200S	3	4	3	3	3	35	12	20	12	10	7	9	11	8
L6 200N	3	2	2	3	3	15	9	12	9	7	4	7	8	7
L6 150N	2	2	2	3	3	14	9	12	10	8	5	7	8	7
L6 150N-R	2	2	2	3	3	14	9	13	9	8	6	7	9	7
L6 120N	4	3	3	3	4	32	12	20	13	9	7	10	10	8
L6 90N	3	3	3	3	3	25	11	16	11	9	6	8	9	8
L6 60N	3	3	3	3	3	20	10	15	10	9	6	8	9	8
L6 30N	3	3	3	3	4	25	10	13	10	9	5	8	9	8
L6 0S	3	2	2	3	3	14	9	12	9	8	5	8	9	7
L6 30S	3	2	2	3	3	16	9	12	9	7	5	7	1	8
L6 60S	3	2	2	3	3	22	10	14	10	9	6	8	9	8
L6 90S	3	2	2	3	3	15	10	12	9	8	5	7	8	7
L6 120S	3	2	2	3	3	19	11	12	10	8	4	7	1	8
L6 150S	2	2	2	3	3	15	9	14	10	8	5	7	2	7
L6 200S	2	2	2	3	4	15	10	12	10	8	5	7	8	7
L7 200N	3	3	3	3	3	21	10	14	11	9	6	8	2	7
L7 150N	3	2	2	3	3	22	10	15	10	8	5	8	9	8
L7 120N	2	3	2	3	3	16	9	13	10	7	5	8	9	8
L7 90N	2	2	2	3	3	17	10	12	10	8	5	7	9	8
L7 90N-R	3	2	2	3	3	15	9	12	8	7	5	7	8	7
L7 60N	3	2	2	3	3	18	10	13	10	7	5	8	1	8
L7 30N	2	2	2	3	3	12	10	12	9	8	5	7	8	7
L7 0N/S	2	2	2	3	3	22	10	13	10	7	5	7	1	7
L7 30S	2	2	2	3	3	17	10	13	9	7	5	7	8	8
L7 60S	2	2	2	3	3	18	10	13	9	8	5	7	9	8
L7 90S	2	2	2	3	3	14	10	13	10	8	5	8	8	7
BLANK	2	2	2	3	3	10	9	11	8	7	5	7	8	7
BLANK	2	1	2	3	3	10	9	12	9	8	5	7	1	7

[redacted] Nort[redacted]eral[redacted]orato[redacted] [redacted] [redacted] [redacted] SOIL GAS HYDROCARBONS [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

Melanie Marchand

-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

(SGH) by GC/MS

SHERATON LAKE - BOND PROPERTY PROJECT

Activation Laboratories Ltd.

Date: July 3, 2009

R=Replicate Sample

	141 - HBI	142 - HPH	143 - HA	144 - HBI	145 - HBA	146 - HPH	147 - HBI	148 - HPH	149 - HBI	150 - HPH	151 - HBI	152 - HPH	153 - HPH	154 - HPH
L1 200N	8	9	35	10	31	2	6	6	9	8	7	10	19	3
L1 150N	8	1	36	10	28	2	6	6	9	8	8	10	19	19
L1 120N	8	9	34	9	27	3	6	7	2	8	8	10	19	3
L1 90N	8	9	32	9	31	13	6	6	9	8	7	2	19	4
L1 60N	9	8	28	9	21	2	6	6	9	8	7	10	20	19
L1 60N-R	8	9	27	9	22	3	6	7	9	8	7	10	18	19
L1 30N	8	8	32	10	35	3	6	6	9	8	7	1	3	18
L1 0N/S	8	8	28	9	24	3	6	6	9	1	7	10	3	19
L1 30S	8	1	31	9	24	1	6	7	1	8	8	1	19	19
L1 60S	10	9	58	11	56	-1	7	6	10	8	8	1	3	19
L1 90S	8	1	45	10	33	2	6	6	9	8	8	2	3	19
L1 120S	8	8	32	9	24	3	6	7	9	8	7	10	19	20
L1 150S	9	8	52	11	76	1	6	7	9	1	8	1	18	20
L1 200S	9	8	49	10	37	13	7	7	1	9	8	1	19	20
L2 200N	9	8	53	10	37	1	6	7	9	8	8	10	19	20
L2 150N	10	9	69	11	59	1	6	6	2	8	8	10	18	19
L2 120N	8	9	45	9	39	1	7	7	9	8	8	10	19	20
L2 90N	9	9	38	10	31	14	6	7	9	1	8	10	21	20
L2 60N	9	2	61	11	53	2	7	7	1	1	8	10	18	20
L2 30N	10	9	68	11	74	3	7	7	2	9	8	10	3	20
L2 0N/S	9	9	57	11	47	14	6	7	9	8	8	11	21	20
L2 0N/S-R	9	10	61	11	45	3	7	7	2	8	8	10	20	3
L2 30S	9	8	58	11	42	14	7	7	10	2	8	1	3	3
L2 60S	10	9	60	11	42	14	7	7	1	8	8	10	20	4
L2 90S	9	8	65	11	45	-1	7	6	10	8	8	2	19	19
L2 120S	8	10	38	9	31	2	5	7	9	8	7	10	18	19
L2 150S	9	9	46	11	37	1	6	7	2	8	8	2	19	20
L2 200S	8	2	36	10	28	2	6	6	9	9	7	2	19	19
L3 120N	8	8	38	10	31	13	6	6	9	8	7	10	18	19
L3 90N	12	1	104	13	72	2	7	7	1	2	9	2	20	20
L3 60N	10	1	42	10	35	2	6	7	9	8	8	10	19	4
L3 30N	12	9	63	13	48	15	7	7	11	2	8	10	19	21
L3 0N/S	9	1	44	11	34	2	7	6	10	1	8	11	19	19
L3 30S	18	2	89	18	78	9	10	8	13	2	10	12	23	3
L3 60S	10	9	64	11	65	3	7	7	10	9	8	10	19	20
L3 90S	13	10	31	14	48	3	8	7	11	9	8	11	21	19
L3 120S	10	9	43	12	42	15	6	7	11	2	8	10	20	19
L3 120S-R	12	10	61	12	75	2	7	8	10	8	8	10	20	5
L3 150S	10	8	42	10	37	3	6	7	10	1	8	11	20	20
L3 200S	11	8	51	11	50	14	7	7	10	1	8	11	19	3
L4 200N	10	9	61	12	53	14	7	7	10	8	8	2	21	20
L4 150N	9	8	48	10	50	2	6	7	10	9	8	10	18	20
L4 120N	10	1	52	12	81	2	7	7	10	8	8	2	21	21
L4 90N	8	8	35	2	29	13	6	6	1	1	7	1	3	3
L4 60N	11	9	57	12	47	4	7	7	10	9	8	10	19	20
L4 30N	9	9	35	9	29	14	6	7	9	8	7	10	19	20
L4 0N/S	8	9	36	10	27	1	6	6	1	8	7	2	18	20
L4 30S	9	9	44	10	30	1	6	6	9	8	8	10	20	20
L4 60S	8	8	35	10	28	13	6	7	2	1	7	10	4	19
L4 90S	9	9	38	9	37	2	6	6	9	8	8	10	20	19
L4 120S	9	9	49	9	73	14	7	7	2	8	8	10	20	20
L4 150S	8	1	37	10	30	2	6	7	9	2	7	10	19	20
L4 200S	11	8	63	12	56	1	6	7	10	1	8	11	19	21
L4 200S-R	11	10	88	12	77	2	7	7	2	1	9	11	21	21

[redacted] Nort[redacted]eral [redacted]orato[redacted] [redacted] [redacted] [redacted] SC[redacted]AS H[redacted]ROCARBONS[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

Melanie Marchand

-1=Reporting Limit of 1pg/g (ppt=parts per trillion)

(SGH) by GC/MS

SHERATON LAKE - BOND PROPERTY PROJECT

Activation Laboratories Ltd.

Date: July 3, 2009

R=Replicate Sample

	141 - HBI	142 - HPH	143 - HA	144 - HBI	145 - HBA	146 - HPH	147 - HBI	148 - HPH	149 - HBI	150 - HPH	151 - HBI	152 - HPH	153 - HPH	154 - HPH
L5 200N	11	2	64	12	76	3	7	7	11	9	8	11	21	3
L5 150N	10	8	64	11	58	2	7	7	10	9	8	10	19	21
L5 120N	14	9	56	14	48	2	8	8	2	1	8	2	20	22
L5 90N	11	10	66	12	69	1	7	8	10	8	8	1	21	3
L5 60N	10	8	55	11	49	15	7	7	10	9	8	11	20	21
L5 30N	11	1	53	11	67	2	7	7	1	9	8	10	20	3
L5 0N	10	10	47	11	44	15	7	8	10	9	9	2	21	3
L5 30S	13	11	112	14	88	16	8	8	11	9	9	11	22	20
L5 60S	10	1	58	12	71	2	7	7	10	9	8	11	20	4
L5 90S	12	1	69	12	82	2	8	7	10	9	8	2	20	20
L5 120S	9	10	62	11	82	1	7	6	1	9	8	11	20	21
L5 150S	10	10	56	12	76	4	7	7	10	8	8	11	4	21
L5 200S	14	11	129	15	93	2	9	8	13	2	9	13	22	22
L6 200N	10	2	43	11	39	2	7	7	10	2	8	10	21	21
L6 150N	9	9	35	9	31	2	6	6	9	9	8	2	19	20
L6 150N-R	9	9	5	10	30	2	6	7	2	9	8	10	3	3
L6 120N	15	10	87	15	77	2	9	8	3	11	10	12	23	4
L6 90N	12	2	82	12	64	3	7	8	10	10	9	2	21	4
L6 60N	12	9	62	12	51	16	7	7	11	9	8	2	21	22
L6 30N	11	2	73	12	113	2	7	7	2	2	8	11	19	3
L6 0S	10	8	41	10	36	2	7	7	10	9	8	10	19	20
L6 30S	9	9	48	11	43	1	6	7	9	9	8	11	19	20
L6 60S	12	10	65	12	54	3	7	8	10	9	8	11	22	21
L6 90S	9	9	45	11	39	15	7	7	10	9	8	10	18	20
L6 120S	9	9	45	11	63	3	6	7	1	8	8	10	19	4
L6 150S	9	1	41	11	43	2	7	7	10	9	8	10	19	3
L6 200S	10	9	38	10	51	14	6	7	9	8	8	10	3	5
L7 200N	11	9	74	12	47	14	7	7	2	9	8	11	21	21
L7 150N	12	10	81	13	73	15	7	7	10	9	8	12	22	22
L7 120N	10	9	49	10	45	-1	6	7	9	2	8	2	20	21
L7 90N	10	9	49	11	47	1	7	7	9	9	8	10	19	21
L7 90N-R	9	2	45	11	34	2	6	7	10	8	8	-1	19	18
L7 60N	11	9	52	12	72	14	7	6	10	1	8	1	20	19
L7 30N	9	8	36	10	30	2	6	7	9	9	8	10	2	20
L7 0N/S	9	1	56	11	53	2	7	7	10	9	8	2	20	4
L7 30S	9	9	52	10	50	3	7	7	2	9	8	10	2	21
L7 60S	10	9	52	11	60	14	7	7	10	1	8	1	19	20
L7 90S	9	9	37	10	33	2	7	8	9	8	8	11	20	20
BLANK	8	7	29	9	15	2	6	7	9	8	7	10	17	19
BLANK	8	8	30	10	25	13	6	7	2	1	8	10	18	20

47

	155 - HPH	156 - HBI	157 - HAR	158 - HBA	159 - HBA	160 - HBI	161 - HA	162 - HPH
L1 200N	21	17	16	52	20	21	68	23
L1 150N	19	16	17	51	3	22	68	21
L1 120N	20	17	17	44	4	23	54	21
L1 90N	20	16	17	48	20	21	61	20
L1 60N	21	17	17	44	20	21	53	4
L1 60N-R	21	16	16	44	20	4	57	2
L1 30N	20	17	17	3	19	3	10	5
L1 0N/S	21	16	17	45	21	3	32	4
L1 30S	18	17	16	45	21	21	60	22
L1 60S	19	17	17	3	21	21	84	21
L1 90S	19	17	16	2	21	20	65	21
L1 120S	19	16	16	44	20	21	55	22
L1 150S	19	16	16	47	21	21	75	2
L1 200S	21	17	17	57	3	22	78	21
L2 200N	19	16	17	52	21	22	73	21
L2 150N	20	17	17	61	20	23	79	23
L2 120N	19	16	17	52	20	22	71	3
L2 90N	20	17	18	52	3	23	70	23
L2 60N	20	18	18	56	21	21	76	21
L2 30N	20	18	17	61	21	22	85	23
L2 0N/S	21	17	17	58	3	23	85	23
L2 0N/S-R	19	17	18	60	23	23	82	24
L2 30S	20	16	18	61	22	24	86	23
L2 60S	20	16	16	54	20	21	81	21
L2 90S	19	16	17	62	21	3	88	23
L2 120S	20	17	17	50	20	21	64	22
L2 150S	19	17	16	54	20	21	76	22
L2 200S	20	16	17	48	21	21	67	22
L3 120N	19	16	15	45	19	20	65	22
L3 90N	20	17	17	74	21	22	105	22
L3 60N	20	17	17	3	22	4	69	22
L3 30N	20	17	17	64	22	23	90	3
L3 0N/S	19	16	18	51	22	21	67	3
L3 30S	21	19	20	101	23	25	104	23
L3 60S	20	18	18	64	22	23	84	23
L3 90S	20	17	18	66	21	22	19	22
L3 120S	19	17	16	60	22	22	81	23
L3 120S-R	20	16	18	60	23	21	90	22
L3 150S	19	17	18	55	21	20	41	22
L3 200S	20	17	17	59	22	21	73	23
L4 200N	22	17	18	58	21	21	81	21
L4 150N	20	18	17	56	21	22	76	22
L4 120N	19	16	17	62	21	22	83	22
L4 90N	19	16	16	47	3	22	65	20
L4 60N	19	17	18	59	24	21	85	22
L4 30N	21	17	18	51	21	22	62	22
L4 0N/S	18	17	17	49	21	21	64	4
L4 30S	20	17	17	56	20	20	67	22
L4 60S	20	16	16	48	19	21	62	4
L4 90S	20	16	18	26	21	20	67	21
L4 120S	20	16	16	52	19	21	72	20
L4 150S	19	17	17	50	21	23	66	22
L4 200S	21	19	18	64	22	22	90	23
L4 200S-R	20	18	18	74	23	4	112	22

	155 - HPH	156 - HBI	157 - HAR	158 - HBA	159 - HBA	160 - HBI	161 - HA	162 - HPR
L5 200N	20	17	18	65	23	4	88	24
L5 150N	21	18	18	64	21	22	83	23
L5 120N	22	17	18	70	23	5	90	25
L5 90N	20	18	19	60	21	21	75	23
L5 60N	21	17	18	64	23	22	83	3
L5 30N	20	18	19	60	24	24	77	3
L5 0N	20	18	19	59	24	24	79	23
L5 30S	21	18	19	78	23	25	125	24
L5 60S	22	18	17	63	22	23	53	22
L5 90S	21	16	18	61	21	21	77	22
L5 120S	21	16	17	55	4	22	74	20
L5 150S	20	16	17	59	21	23	79	23
L5 200S	23	19	19	40	24	26	138	24
L6 200N	22	17	18	58	22	21	80	23
L6 150N	20	16	18	54	21	22	67	22
L6 150N-R	20	18	17	24	22	22	57	23
L6 120N	23	18	22	85	27	4	61	25
L6 90N	23	19	18	70	23	25	88	24
L6 60N	22	18	19	61	24	24	85	24
L6 30N	19	17	19	4	5	5	84	23
L6 0S	21	18	18	53	21	22	70	22
L6 30S	21	17	17	58	22	22	48	24
L6 60S	21	18	19	67	23	23	18	3
L6 90S	20	17	17	51	21	3	71	22
L6 120S	21	17	17	54	21	22	64	23
L6 150S	19	17	18	53	22	5	66	5
L6 200S	19	18	18	51	22	21	14	23
L7 200N	20	18	17	65	21	23	87	22
L7 150N	21	17	18	68	21	23	99	23
L7 120N	22	18	19	57	22	22	86	3
L7 90N	21	17	18	59	21	22	82	4
L7 90N-R	21	17	17	52	22	22	12	5
L7 60N	21	17	18	54	22	21	73	23
L7 30N	21	17	18	52	23	22	68	4
L7 0N/S	19	18	17	61	22	22	84	22
L7 30S	22	17	17	57	22	22	74	21
L7 60S	22	17	17	60	21	21	75	22
L7 90S	20	18	-1	46	21	22	12	22
BLANK	19	17	18	45	22	21	57	22
BLANK	4	17	17	50	4	22	59	21

LEGEND FOR COLUMN HEADINGS - SGH COMPOUND CLASSES

LA, HA, LBA, HBA = ALKYL-ALKANES
LB, HB, LPB, HPB = ALKYL-BENZENES
LAR, MAR, HAR = ALKYL-AROMATICS
LBI, MBI, HBI, LPH, MPH, HPH = ALKYL-POLYAROMATICS
THI = ALKYL-DIVINYLENE SULPHIDES
ALK = ALKYL-ALKENES

Appendix III
Field Samples – Prior to processing

Samples retrieved from 7 gridlines

86 SGH samples in Zip-loc bags

True North Mineral Laboratories Inc.

Appendix IV

Project: Sheraton Lake - Bond Property SGH Samples

Client: Larry Gervais

Sample locations - Local Grid Coordinates - Refer to Figure 2 for UTM Ref.

Note: Samples appear in the order they were retrieved

Sample No.	Local Grid Easting	Local Grid Northing	Field Annotations	Date
L6 200S	L6	200S	15ft organics. Sample taken at 15'-5" using auger extensions.	11-Jun-09
L6 150S	L6	150S	12ft organics. Sample taken at 12'-5" using auger extensions.	11-Jun-09
L6 120S	L6	120S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L6 90S	L6	90S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L6 60S	L6	60S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L6 30S	L6	30S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L6 0S	L6	0S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L6 30N	L6	30N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L6 60N	L6	60N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L6 90N	L6	90N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L6 120N	L6	120N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L6 150N	L6	150N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L6 200N	L6	200N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L7 200N	L7	200N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L7 150N	L7	150N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L7 120N	L7	120N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L7 90N	L7	90N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L7 60N	L7	60N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L7 30N	L7	30N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L7 0S	L7	0S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L7 30S	L7	30S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L7 60S	L7	60S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L7 90S	L7	90S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 200S	L5	200S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 150S	L5	150S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 120S	L5	120S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 90S	L5	90S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 60S	L5	60S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 30S	L5	30S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 0S	L5	0S	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 30N	L5	30N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 60N	L5	60N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 90N	L5	90N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 120N	L5	120N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 150N	L5	150N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L5 200N	L5	200N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L4 200N	L4	200N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L4 150N	L4	150N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09
L4 120N	L4	120N	Approx 10cm organics. Sample taken in B horizon, immediately below A horizon.	11-Jun-09

Appendix V

Certificate of Analysis – Actlabs

Note:

Certificate of Analysis from Actlabs (A09-3060), covers 86 SGH samples plus 1 other rock sample. Rock sample is unrelated to the current field program and property.

Kevin Cool
Actlabs – Timmins

Quality Analysis ...

Innovative Technologies

Date Submitted: 17-Jun-09
Invoice No.: A09-3060 (i)
Invoice Date: 22-Jul-09
Your Reference:

True North Mineral Laboratories
475 Railway Street
Timmins Ontario P4N 2P5
Canada

ATTN: Melanie Marchand

CERTIFICATE OF ANALYSIS

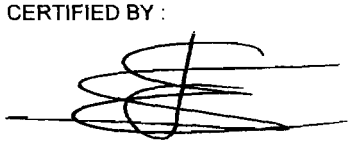
1 Rock sample and 86 Soil samples were submitted for analysis.

The following analytical packages were requested:
Code 1C-Exp Fire Assay-ICP/MS
Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)
Code SGH Soil Gas Hydrocarbons

REPORT **A09-3060 (i)**

Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.
We recommend reanalysis by fire assay Au, Pt, Pd Code 8 if values exceed upper limit.

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabsint.com ACTLABS GROUP WEBSITE http://www.actlabsint.com

Author: Kevin Cool *Date corrected from previous version: Rev1Dec28/2008

Qualifications and Experience

1982 Graduated from Timmins High and Vocational School

1983 Studied photography at Humber College, Toronto, Ontario

1984 to 1988 Worked for family owned transportation business in Moosonee, Ontario

1988 to 1990* Studied Survey at Northern College, South Porcupine, Ontario

1990* Graduated with Survey Engineering Technician Diploma

1990* to 2001

Owned and operated General Surveys and Exploration based in Timmins, Ontario. The company provided contract survey, computer and information management services to the exploration and mining industry. Software includes Acad, Gemcom and Surpac, with specialization in using computers for the mining and exploration industry.

Work included volumetric survey of land areas to be used as tailing basins, where computerized 3D models were utilized. Diamond drillhole, underground engineering and mechanical design/construction surveys were common contracts for mining and exploration companies. Significant accomplishments include the design and construction of the 110km winter road from Attawapiskat to the Victor Project.

Clients included;

DeBeers Canada Exploration (Monopros), Southernera Resources, Dome Exploration, Placer Dome Detour Lake, Musselwhite and Dome Mines, Exall Glimmer Mine, Claude Rundle Gold Mine, TVX Mines' projects in Northern Greece, Moneta Porcupine Mines, Black Pearl Minerals, St. Andrew Goldfields, Battle Mountain Gold, Pentland Firth, Kinross Gold, Band-Ore Resources, McKinnon Prospecting and many other companies and individual prospectors.

2000 to 2005

Began collaborative work with Brian K. Polk (Polk Geological Services) and established a private exploration company called Big Red Diamond Company. This small company began to stake property near Attawapiskat and Coral Rapids. Eventually the survey business was put aside to focus full time on diamond exploration.

Big Red Diamond Company entered into a Joint Venture with a private company owned by Dr. Charles Fipke of Kelowona, B.C. on a group of properties near DeBeers' Victor Project in the Attawapiskat region. Dr. Fipke is the renowned geologist who found Canada's first diamond mine, the Ekati Mine in Northwest Territories.

continued

Since 2001 the author has been exposed to all aspects of diamond exploration including;

Claim staking, field work, camp construction, airborne and ground magnetometer survey, planning and management of large scale geophysical programs, planning, management and interpretation of regional and property scale sampling programs.

Exposure to the industry includes training and field work under the discretion of Dr. Fipke. Introduction to kimberlite mineral identification from Dr. Fipke was expanded by personal research and study, which continues to current and lead to the establishment of True North Mineral Laboratories in Timmins, Ontario.

Advanced analysis, beyond the stage of heavy mineral separation, or observation using binocular microscope, is handled by other certified analytical laboratories, such as *CF Minerals*, of Kelowona, B.C.

2002

Big Red Diamond Company became a publicly traded corporation.

The author is one of the co-founders of Big Red Diamond Corporation, which trades on the TSX Venture Exchange under the symbol DIA.

The author continues to actively stake mining claims and process sample material for private and public companies.

2005 to Present

Established True North Mineral Laboratories, at 475 Railway Street, Timmins, Ontario and added Actlabs-Timmins in early 2006. Lab processes, equipment setup and procedures are now supervised by Actlabs, based in Ancaster, Ontario.

The management and employees of True North Mineral Laboratories / Actlabs-Timmins, receive ongoing support and training directly from Actlabs - Ancaster. The laboratory processes fall under Actlabs certification, providing analysis is carried out by the main facility in Ancaster. In this capacity, True North Mineral Laboratories acts as a preparation facility for Actlabs and is qualified to handle material preparation prior to direct analysis by Actlabs.

TRUE NORTH MINERAL LABORATORIES

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Timmins, ON
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Phone (705) 268-0303
Fax (705) 268-1098

Report Completion Date:

August 3rd, 2009