ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Interpretation Report on Mobile Metal Ion Survey on the Hot Bath Property, Liard Mining Division, British Columbia

TOTAL COST: $22,027.00

AUTHOR(S): John Buckle, P.Geo

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):

STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5544585, 5557772

YEAR OF WORK: 2015

PROPERTY NAME: Hot Bath

CLAIM NAME(S) (on which work was done): Hot Bath Extension: 1025437

COMMODITIES SOUGHT: Copper, Gold

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:

MINING DIVISION: Liard
NTS / BCGS: 104 I
LATITUDE: ____58______° ____10______' ____04______"
LONGITUDE: ____129______° ___33_______' ___32_______" (at centre of work)
UTM Zone: 9 EASTING: 467117 NORTHING: 6447527

OWNER(S): DeCoors Mining Corp.

MAILING ADDRESS:

Box 31734, Whitehorse, Yukon Y1A 6L3

OPERATOR(S) [who paid for the work]:

MAILING ADDRESS:

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)

Mid-Jurassic Three Sisters, calc-alkaline intrusive rocks, hornblende monzonite, quartz monzonite, shear zone gossan and Late Triassic Cake Hill mafic plutonic rocks

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for …)			
Soil	56	1025437	22,027
Silt			
Rock			
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
		TOTAL COST	22,027

INTERPRETATION REPORT ON

MOBILE METAL ION SURVEY

ON THE

HOT BATH PROPERTY

DEASE LAKE AREA, LIARD MINING DIVISION, BRITISH COLUMBIA

Decimal Degrees
Latitude: 58.167792
Longitude: -129.558928
Degrees, Minutes, Seconds
Latitude: 58° 10' 04'' N
Longitude: 129° 33' 32'' W
UTM
Easting: 467117 m
Northing: 6447527 m
Zone: 9
Map 104 I (Liard Mining Division)

104I.012 & 104I.013

WRITTEN FOR: DeCoors Mining Corp.
P.O. Box 3173, Whitehorse, Yukon Y1A 6L3

WRITTEN BY: John Buckle, P.Geo.
Geological Solutions
477 Elizabeth St., Apt. 1206., Burlington, Ontario, L7R 2M3 DATED: June 15, 2015

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SUMMARY

The Hot Bath claim block covers over 2,000 hectares near the centre of the East sheet of the recently studied Quest Northwest project of Geoscience BC. The property was selected based on results from rock geochemistry and geological mapping completed as part of the Quest study. An airborne magnetic geophysical survey of the area supports the interpretation of mid-Jurassic calc-alkaline intrusives that are known to be favourable host rocks for copper-gold mineralization. This report is an interpretation of the compilation of data from the airborne geophysical survey, ground geological and geochemical studies. During the 2014 field season 43 mobile metal ion soil geochemistry samples and 13 regular soil samples were collected on three parallel north-south lines near the centre of an intrusive interpreted from the Quest Northwest airborne geophysical survey and some background samples collected along an east-west line, along with 3 rock samples from an outcrop 250 meters west of the MMI grid line. These rock samples were taken from steeply dipping foliated gossanous quartz monzonite at UTM coordinates 446592 east and 6447748 north. One of these rock samples was analysed by SGS and returned over 3% copper and 3 grams per tonne gold.

The MMI data was reprocessed using data processing software by Geosoft and MapInfo for quality control and for the creation of enhanced interpretation maps. The correlation between the data and the interpreted geological information is excellent. The data indicated a ringed intrusive with anomalous samples of copper and gold on the structure. The property has the potential to host a mineralized porphyry intrusive similar to the nearby Gnat and Red Chris deposits.

On two occasions in 2014 samples were collected for a total of 56 soil samples 43 using MMI technique and analysis and 13 standard soil wish ICP analysis and 3 rock samples. This report describes the mobile metal ion (MMI) soil geochemistry survey, property prospecting and outcrop rock samples.

SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS

The Hot Bath property has the potential to host a copper and/or copper-gold porphyry. The geology as identified by Geoscience BC indicates a mid-Jurassic assemblage of calc-alkaline plutonic rocks of favourable composition to be mineralized. This coupled with high copper values from samples acquired within the claim block and the circular magnetic structure support the premise for a mineralized intrusive.

The Quest study area included a more detailed study of the area of the Hot Bath claims. The study identified a new mineralized zone named Pat West. Two samples were taken during the study one of which reported over 0.7% copper (Figure 26). The other sample was reported to have been taken from a pyrite zone. These samples, along with the mapped geology and geophysical circular structure suggest a mineralized differentiated intrusive. This is a reasonable interpretation further supported by the fact the structure is located along a geological contact and within a few kilometers of a major fault structure striking northwesterly.

The MMI survey shows anomalous copper and gold on the flanks of the magnetic high interpreted to be an intrusive in the center of the Hot Bath claim block. During the MMI survey, prospecting located an outcropping quartz-sulphide vein that was sampled with 3 rock samples taken from the same location. These samples returned high values of copper > 3% and gold values > 3 g/t.

A continuation of geochemical sampling program is recommended to determine the extent of the mineralization in the project area. Follow-up geophysical survey with induced polarization and detailed geological mapping and rock sampling is also recommended.

INTRODUCTION AND GENERAL REMARKS

This report discusses the results of an MMI survey within DeCoors Mining Corp.'s, Hot Bath property in British Columbia, Canada. The data used was taken from parallel survey lines on the property, which is located between the communities of Dease Lake and Iskut, BC in the spring and summer of 2014. The

MMI samples were collected by field crews contracted to DeCoors Mining Corp. by Geotronics Consulting Ltd. of Surry, BC.

This report was written by John Buckle of Geological Solutions at the request of Mr. PETER MICHAEL BURJOSKI, of DeCoors Mining Corp., during the period from June 4th to June 15th, 2015. The main purpose of this report is to describe the work done and interpret the results of an MMI soil survey data conducted on claim number 1025437 in near the centre of the Hot Bath claim block.

The objective of the exploration program on this property is the search for copper/gold porphyry mineralization.

A survey coverage of approximately 3.9 line-km within the Hot Bath project area, all soil samples were collected within the claim 1025437 in the centre of the Hot Bath claim block. Survey described in this report took place on two separate occasions; the first visit on July 3rd, 4th, and 5th, 2014 and the second visit took place on October 2nd 2014. This report interprets the data and describes the survey logistics, the data processing, presentation, and provides the specifications of the survey.

PROPERTY AND OWNERSHIP

The Project is comprised of six mineral claims covering a total area of 2270.0744 hectares in area 104I.013, owned 100% by DeCoors Mining Corp. and described as follows and as shown on table 1.

TABLE 1 HOT BATH TENURES

Tenure Number	Type	Claim Name	Good Until	Area (ha)
1015381	Mineral	HOTBATH 1	20151002	34.1429
1025437	Mineral	HOT BATH EXTENTION	20151002	1587.5978
1036552	Mineral	HOTBATH NW	20160605	187.7245
1036633	Mineral	HOTBATH EAST	20160608	255.8932
1036634	Mineral	NW EXTENSION	20160608	204.716

Total Area: 2270.0744 ha

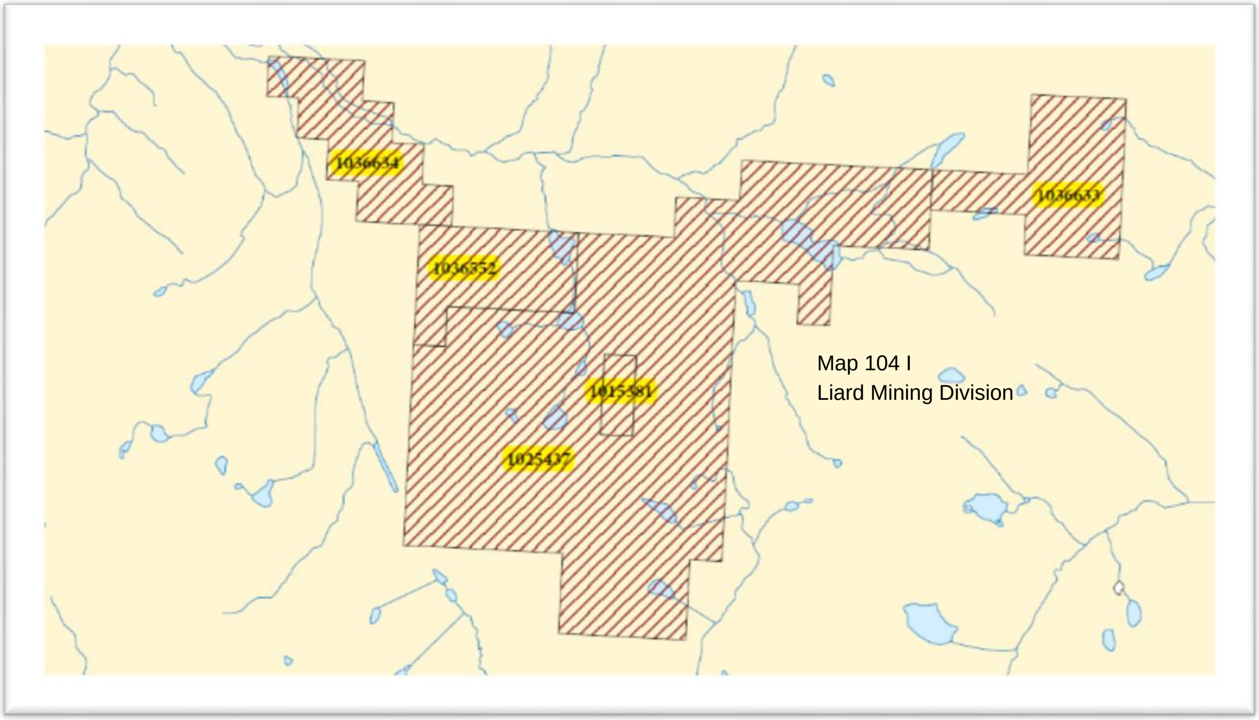

FIGURE 1 HOT BATH CLAIM NUMBERS ON PLAN MAP

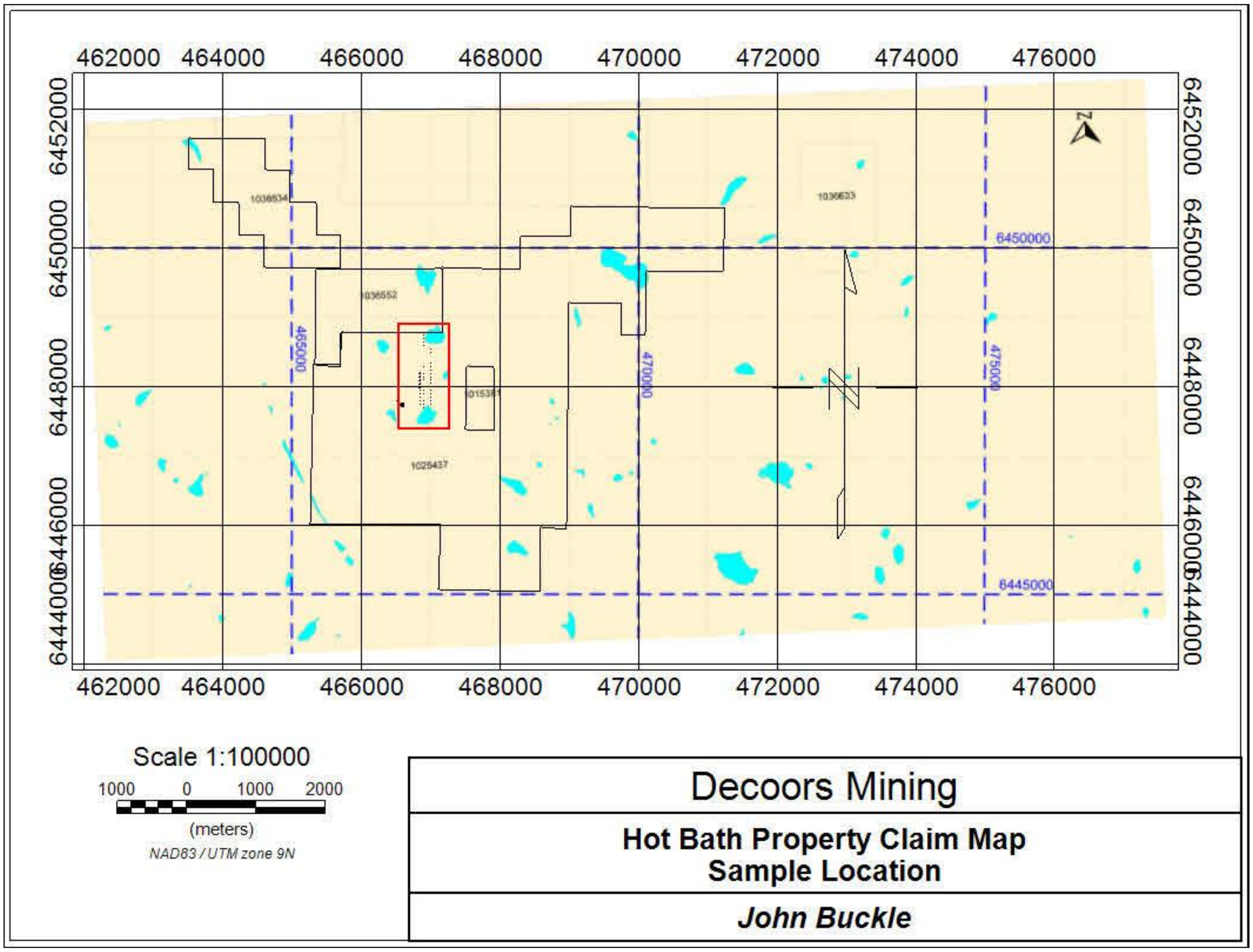

FIGURE 2 CLAIM MAP SHOWING AREA OF WORK FOR THIS REPORT

Geographic Location of Center of Claim Block.

Decimal Degrees

Latitude:	58.167792
Longitude:	-129.558928

Degrees, Minutes, Seconds

Latitude:	58° 10' 04'' N
Longitude:	129° 33' 32'' W

UTM

Easting:	467117 m
Northing:	6447527 m
Zone:	9

WEATHER AND VEGETATION

The topography is gently sloping to moderately steep glacier eroded terrain. There are steep sided cirque valleys and some small cirque lakes The streams sampled were generally confined to these cirque valleys Steep razor back ridges and talus slope often occur at the upper slopes of the cirque valleys The vegetation is primarily alpine meadows and minor alpine fir spruce and shrubs, on some of the lower elevations sub alpine fir and spruce are common.

The claim group lies almost all above tree line (1500m to 2000m) with several lakes – five connected in the central part of the claim and one in the southeast corner. As most of the property is above tree line numerous helicopter landing spots will occur throughout the claims. Approximately 6 kilometers northwest of the current property an old abandoned airstrip is noted in the headwaters of the Tanzilla River valley. The Tanzilla River headwaters 350 m west of the claim block flows northwest year round and is a tributary of the Stikine River. River drainage flows to the Pacific Ocean and the Continental Divide between the Pacific and Arctic Oceans lies a short distance to the North. The region has a relatively dry climate, and snow cover in winter is generally moderate. The climate in the area is semi-arid with moderately warm summers and cold dry winters. Typical temperature ranges are from mid to upper 20’s C in summer and −20 to −30 C in winter. Precipitation averages about 100 cm. per year.

For the most part vegetation is limited and consists primarily of alpine grasses, flowers and lichen on the plateau with occasional shrubs in wind protected areas. Fieldwork can normally start at lower elevations in early June and at the upper elevations by July. Cold weather, winds and snow squalls make field work difficult at the upper elevations past September although drilling programs have continued well into November at the nearby Red Chris deposit. Colorado's ROK and Teck's GJ where weather conditions are similar.

ACCESS

The Hot-Bath Tenures are situated in the Three Sisters Range, just East of the headwaters of the Tanzilla River and 38 km South-East of the community of Dease Lake and 42 km North-East of Iskut, B.C. Access would be by helicopter from Dease Lake and there is a staging area just off Highway 37 - 15 km west of the claims. Highway 37 (Commonly called the “Stewart-Cassiar HGW”)

There is a bulldozer trail leading up the Tanzilla valley from the vicinity of the B.C. Rail right of way to within about 4km of the claims and would be passable to tracked vehicles.

The (HotBath) Region maybe entered by two principal routes: From Prince George summer boat traffic extends 350 miles from Summit Lake to Ware on Finlay River. From Ware fair pack-horse trail leads 44 miles up Fox River to Sifton Pass and continues North along the Trench to Lower Post on Liard River, which is 72 miles North-West of Chee House. The Alternative route is from Telegraph Creek - the head of navigation on Stikine River, and connected with Dease Lake by a 72 mile road. The trail from Dease Lake to Wheaton Creek is 45 miles long and connects with the down river trail which extends to the mouth of the Turnagain by way of Mosquito and Sand Creeks. Although the relief is as much as 5,500 feet all parts of the region may be reached on foot and the only hazardous sections are in the Granite Mountains. Pack-horse trails only are mapped and these are generally unobstructed; in addition there are a few fragmentary trappers' and Indian trails. The Kechika is navigable below Driftpile Creek at high water. At low water Braid Creek marks the head of navigation for boats of moderate size. Frog River is ascended easily to Jackstone Creek and Gatage River is navigable beyond the canyon.

Dease Lake has locally based helicopter and aircraft with scheduled Air service from Smithers. Smithers and Terrace locally supply this region and travel south on Highway 37 to them is @ 7 hours. The region has had an active history in mining operations, and has been permitted for mineral exploration with heavy equipment and operators available. Smithers, Terrace, BC and Watson Lake, Yukon, are population centers with over 30,000 people that are within a three- to seven-hour drive, and Dease Lake is 38 kilometers northwest of the Hot-Bath Claims. All these centers have been intimately involved with mineral exploration and mining operations and are able to provide all amenities including police, hospitals, groceries, fuel, helicopter services, hardware and other necessary items. Drilling companies are present in communities nearby while assay facilities are located in Prince George, Smithers, and Vancouver, British Columbia.

Dease Lake has a small airport with a paved runway and a locally based helicopter. The airlines are recognizing the mining work in the area and Northern Thunder Air (NT Air) have flights Three days a week from Vancouver to Terrace with a connecting flight to Dease and named it the “Miner’s Express”.

TABLE 2 AIR SCHEDULE MINER'S EXPRESS

Miner's Express Schedule

Miner's Express Schedule between Terrace and Dease Lake with Hawkair connections to Vancouver!!!
The Miner's Express commences June 1st and concludes October 30, 2015.

Schedule

Flight #	Departure Airport	Departure Time	Arrival Airport	Arrival Time	Days Operated
BH102	Vancouver	0830	Terrace	1030	Mon, Wed, Fri
NT132	Terrace	1130	Dease Lake	1235	Mon, Wed, Fri
NT133	Dease Lake	1305	Terrace	1410	Mon, Wed, Fri
BH111	Terrace	1445	Vancouver	1645	Mon, Wed, Fri

INFRASTRUCTURE

Dease Lake is 600 km from Smithers (about an 8 hour drive) Watson Lake, Yukon is 256 km and a 4 hour drive. Both have excellent supplies and service industry. It is also home to a grocery store, hardware store Propane and tire repair service, a gas station, restaurants and good accommodation. There is also an RCMP Outpost, BC forestry office, small hospital, Northern Collage and a school.

Dease Lake has locally based helicopter and aircraft with scheduled Air service from Smithers. Smithers and Terrace locally supply this region and travel south on Highway 37 to them is 7 hours.

The region has had an active history in mining operations, and has been permitted for mineral exploration with heavy equipment and operators available. Smithers, Terrace, BC and Watson Lake, Yukon, are population centres with over 30,000 people that are within a three- to seven-hour drive, and Dease Lake is 38 kilometers northwest of the Hot-Bath Claims. All these centers have been intimately involved with mineral exploration and mining operations and are able to provide all amenities including police, hospitals, groceries, fuel, helicopter services, hardware and other necessary items. Drilling companies are present in communities nearby while assay facilities are located in Prince George, Smithers, and Vancouver, British Columbia.

The nearest communities are Telegraph Creek and Dease Lake both are resource (mining, logging, and ranching) based communities with an experienced labour force. The communities are supply and service points for fuel, groceries, accommodation and heavy construction equipment. Both also have regular scheduled air and road service.

GEOLOGY

The Dease Lake area is situated within the Stikine terrane, an extensive subduction-generated island arc magmatic system responsible for recurring calcalkaline and/or alkaline plutonic events and associated Cu-Au mineralization, mainly during Late Triassic and Early Jurassic time. Prospective Mesozoic volcanic rocks exposed around the margins of the Bowser Basin form an arcuate belt containing porphyry deposits that include KSM (MINFILE 104B 103), Galore Creek (MINFILE 104G 090) and Shaft Creek (MINFILE 104G 015) deposits to the west, and the Kemess deposits (MINFILE 094E 094) to the east. The Dease Lake study area is located at the apex of this arcuate belt, immediately north of the Red Chris Cu-Au porphyry deposit (MINFILE 104H 005) and adjacent to the Hotailuh batholith, a large composite intrusive complex similar in age to the intrusions hosting porphyry mineralization at the Galore and Shaft Creek deposits. Numerous small plutons intrude mainly Late Triassic arc stratigraphy in the Dease Lake area. Neither the plutons nor the volcano-sedimentary rocks have undergone a thorough regional geological re-evaluation for mineral potential since being mapped by the Geological Survey of Canada in the late 1970s and early 1980s (Gabrielse et al., 1980; Anderson 1983, 1984). Modern detailed bedrock mapping is essential to characterize time–space relationships of this arc segment, which will allow an improved assessment of the potential for mineralization, comparison with mineralized arc segments elsewhere, and integration with the airborne magnetic program. In addition, the project will provide supplementary databases including rock geochemical classification, magnetic susceptibility and geochronology. These data will integrate with regional stream geochemical survey data and airborne geophysics to ensure cost effective exploration targeting for porphyry-style mineralization.

REGIONAL GEOLOGY

In the Middle Jurassic is characterized mainly by sedimentary rocks of Mesozoic basal clastic assemblage and overlie higher grade basement metamorphic rocks. The village of Likely sits along the northeastern margin of the volcanic assemblage and along back arc-continental margin, volcanic-sedimentary facies change.

At least two discrete magmatic events have a strong calc-alkaline affinity and are responsible for at least two episodes of mineralization found in the area.

1. The intrusion-related magmatic-hydrothermal mineralization comprises predominantly copper, gold, silver, molybdenum and/or tungsten occurrences.
2. Mineral occurrences occur peripheral to the main batholith and along contact zones with mineral occurrences of porphyry copper.

MIDDLE JURASSIC THREE SISTERS

PLUTONIC SUITE

THREE SISTERS PLUTON

a) Tees Creek intrusive: MJ TC Altered Hbl-Fsp-porphyritic hypabyssal intrusive

b) Three Sisters potassic phase: MJ TSp Bt-bearing granite, Qtz-syenite and Qtz-monzonite with Kfs>Plag. Equigranular 1 mm to 4 mm; often 5-20 mm Kfs porphyritic. Includes pink Bt porphyritic dikes

c) Three Sisters central felsic phase: MJ TSc Bt and Hbl-Bt (rare Bt-Hbl) Qtz-monzonite and Qtz-monzodiorite with Plag>Kfs. Equigranular, 2-3mm; 4-5 mm Kfs porphyritic in places; dioritic xenoliths locally present

d) Three Sisters mafic phase: MJ TSm Hbl-rich (minor Bt-Cpx Hbl-rich) Qtz-diorite. Acicular Hbl 0.5-4 mm to 2-7mm; equant Hbl 1-2mm to 4-10 mm

e) Three Sisters finegrained mafic-interm. Phase: MJ TSf Hbl-Bt Qtz-diorite. Equigranular, 1-1.5 mm, often 10 vol.% 1.5-3 mm Plag porphyritic

PROPERTY GEOLOGY

Over 95% of the Property is covered by a thick mantle of overburden. Rock units in the area include:

LTCH: Cake Hill Pluton Qtz monzonite

MJTSm: Mafic Phase hornblende rich diorite

MJSp/MJTSm Potassic Phase Qtz syenite/Qtz monzonite

MJTSc Felsic Phase Qtz monzonite about 2.0 kilometres west of a batholith of coarse-grained biotite-hornblende quartz monzonite, and is probably a satellite intrusion related to the batholith.

Three Sisters potassic phase is defined as (Bt-bearing) granite, Qtz syenite and Qtz monzonite with potassium feldspar. It is equigranular (1 mm to 4 mm_); often 5-20 mm potassium feldspar porphyritic. Includes pink porphyritic dikes. Three Sisters central felsic phase (middle Jurassic) may include rare Biotite-Hornblende, Quartz monzonite and Quartz monzodiorite with potassium feldspar. Equigranular, 2-3 mm; 4-5 mm porphyritic in places; dioritic xenoliths locally present. Three Sisters mafic phase MJ TSM hornblende-rich diorite (to Qtz diorite?). Acicular hornblende 0.5-4 mm to 2-7 mm; equant hornblende 1-2 mm to 4-10 mm. Three Sisters fine- grained mafic phase MJ TSF hornblende diorite (to Quartz diorite?). Equigranular, 1-1.5 mm, often 10 vol.% 1.5-3 mm Pl porphyritic.

The nature of the Beggerlay Creek – Cake Hill contact was reinterpreted, and now includes all hornblende-rich diorite and gabbro up to an abrupt change (over a 10 m covered interval) to titanite-bearing, hornblende quartz monzonite of the Cake Hill pluton. Hornblende-rich diorite and gabbro closest to the contact, now assigned to the Beggerlay Creek pluton, are intensely foliated roughly parallel to the trace of the contact. Minor coarse K-feldspar±epidote dikes (unit LT BCP) crosscut the northwestern Beggerlay Creek pluton, and may be related to a 5 by 1 km biotite metasyenite phase of the Beggerlay Creek pluton mapped about 7 km to the east (Read and Psutka, 1990). Coarse K-feldspar dikes, similar to those within the Beggerlay Creek pluton, also crosscut the augite-phyric coherent rocks of the Stuhini Group near the contact with the mafic phases of the Beggerlay Creek intrusion. Intrusive relationships between the Beggerlay Creek and Cake Hill plutons were not observed, however Anderson (1983, pages 84-85, Appendix 2.3c) reports that in two locations a gabbro dike of suspected Beggerlay Creek affinity intrudes quartz monzodiorite of the Cake Hill.

MINERALIZATION

Mineralization hosted in Late Triassic rocks varies widely in hostrock, metal tenor and mineralization style and comprises:

Cu only at the Gnat Pass porphyry-style prospect;

Au+As±Sb (Cu, Ag reported) hosted in a shear/fault zone at the Dalvenie prospect;

Au+Cu+Ag massive sulphide vein in felsic plutonic rocks at the newly discovered "Upper Gnat Creek" mineral occurrence;

Cu±Mo pyritic fault zones in Stuhini volcanics at "Three Sisters south";

Cu with trace Ag as small bodies within the Cake Hill pluton at "Mat north";

Cu+Pb+Zn (reported) within stratiform to irregular bodies at the Mat showing; and • Cu (and Mo reported) at the vein-hosted Pat showing, found within the Late Triassic Cake Hill pluton, but closely associated with the Three Sisters pluton. Mineralization hosted in the Three Sisters pluton appears less variable, and comprises:

Cu only at the "Pat west" and "Three Sisters" mineral occurrences;

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Cu±W at the "Three Sisters north" mineral occurrence; and

Cu+Zn+Pb+Mo reported at the BCR showing.

Possible metal zonation is present in both the "Pat west" and "Three Sisters" occurrences, with relatively large, gossanous, pyrite-dominated zones trending towards smaller quartz vein-hosted, pyrite+copper sulphide occurrences. Assay samples indicate 0.3-0.7% Cu in the copper sulphide-bearing zones, and Cu±W in the possibly related "Three Sisters north" occurrence. The presence of mineralization in both the Late Triassic rocks and the Three Sisters Middle Jurassic (- Early Cretaceous?) pluton is suggestive of at least two mineralizing events within the Hotailuh batholith. Known intrusion-related mineral deposits in the northern Stikine tectonic terrane are predominantly of Late Triassic to Early Jurassic age (e.g. Red Chris, Galore, Shaft, GJ, KSM), and little to no Middle Jurassic to Early Cretaceous deposits have been recognized. Importantly, the presence of mineral showings and occurrences hosted in the Three Sisters pluton suggests that these younger intrusions might deserve more attention than previously received.

LITHOLOGY

The composite Late Triassic to Middle Jurassic Hotailuh batholith occupies 2275 km2 at the centre of the Stikine arch, close to the northern margin of the Stikine terrane in northwestern BC. We present the preliminary results of detailed mapping, geochemical and geochonological sampling aimed at refining the temporal magmatic evolution of the batholith, and building a metallogenic framework that relates mineralization to magmatic events. The project is part of the Geoscience BC funded QUEST-Northwest program developed to stimulate mineral exploration in the northwestern part of the province.

This study confirms that the Hotailuh batholith is prospective for intrusion-related mineral deposits that formed during at least two mineralizing events – an older event at ca. 220 Ma and a younger event at ca. 170 Ma. The Late Triassic calc-alkaline metallogenic event produced the Gnat Pass porphyry Cu and several other Cu and Cu-Au occurrences on the edges of the Hotailuh batholith, and may be temporally related with Cu mineralization at Schaft Creek further to the southwest. Newly discovered mineral occurrences in Middle Jurassic calc-alkaline plutonic rocks represent a relatively unrecognized metallogenic event that deserves more attention.

PREVIOUS WORK

Although several assessment reports (e.g. ARIS 104I 034,104I 043) have reported work in the area no previous work has been done on the immediate area of the Hot Bath claims.

Other reported work in the area include:

PAT (MINFILE 104I 043) The Pat copper-molybdenum showing is centred around a drift covered valley north of peak 2196 m. In addition to copper ± molybdenum soil anomalies, several small mineralized outcrops have been described to the south and southeast of the valley (Sadlier-Brown and Chisholm, 1971; Sadlier-Brown and Nevin, 1977). The mineralization reported by these authors comprises disseminations and siliceous veins carrying chalcopyrite and/or molybdenite. In one outcrop, mineralization is characterized by 1-10 mm pyrite±copper sulphide veins with silicified haloes. An assay sample from this location returned 0.3% Cu and slightly elevated Au and

Ag (11BVA13-74 in Table 4). The veins are hosted by biotite-hornblende quartz monzonite and quartz monzodiorite, most likely related to the Cake Hill pluton. Biotite quartz monzonite and quartz monzodiorite, interpreted as the central felsic phase of the Three Sisters pluton, is exposed 100 m to the northeast of this mineral occurrence.

MAT (MINFILE 104I 034) The Mat copper-lead-zinc showings are located in a deeply incised forested valley system on the southern margin of the Cake Hill pluton, several kilometres north of the Stikine River. The area south and southwest of the showing is part of the Stikine River Provincial Park. Poorly exposed fine grained, stratified sedimentary rocks are found in the valleys and are overlain by more competent augite-phyric coherent rocks exposed at topographically higher levels (Figure 3f). Both the sedimentary and volcanic rocks, as well as surrounding foliated hornblende diorites and gabbros, ultramafic rocks and hornblende quartz monzonites, have been reported to host copper, lead and/or zinc sulphide occurrences (McAusland, 1971). In addition, a soil survey (McAusland, 1971) indicated moderately elevated values of nickel (>300 ppm) over part of the survey area, likely related to occurrences of ultramafic rocks. We identified several sulphide occurrences in the fine grained sedimentary rocks, and one within the Cake Hill pluton (see “Mat north” new mineral occurrence). The mineralization within the sedimentary rocks occurs in laminated to very thinly bedded siltstones to medium- grained sandstones, and forms stratiform and more irregular-shaped bodies up to 20 m wide. The sulphides occur as fine to very fine grained disseminations, stratiform horizons and/or within veinlets. Silicification and/or quartz-pyrite veins occur locally. No copper oxides, copper sulphides, galena or sphalerite were observed, possibly due to their very fine grain size.

New mineral occurrences

Eight new mineralized and/or alteration zones were discovered within the Hotailuh batholith. Mineralized samples were collected and submitted for base and precious metal assay analysis. Pending further petrographic work, the locations have been described as ‘mineral occurrences’ rather than ‘showings’.

TABLE 3 TABLE OF AREA MINFILE SHOWINGS

MINFILE No.	Name	Status	Commodities	Deposit Type	Latitude	Longitude	Google Earth
104I 001	GNAT PASS, JUNE, STIKINE, HILL, CREEK, KRYSKO, TROY, GALAXIE	Developed Prospect	CU	L04	58 15 13	129 49 36	
104I 003	DALVENIE, BIG CHIEF, MAC, NEW DEAL, PASS, SUNSHINE HILL	Prospect	CU, AU, ZN	I05, L04	58 11 15	129 52 40	
104I 022	TANZILLA 1, GL, SCREE, T-HORN, LOTUS, HORN, THORN	Showing	ZN, CU, PB, AG, AU	I05	58 18 27	129 44 09	
104I 023	TANZILLA 3, S, LOTUS, HORN, THORN, A-L, OWL	Showing	CU, AG, AU, PB, ZN	I05, G06	58 18 38	129 41 26	
104I 026	KAY 49, KIM, KING	Showing	CU, AG	G	58 15 24	129 57 53	
104I 029	MOSS	Showing	CU	G05	58 15 35	129 51 55	
104I 033	BELL	Showing	CU	K01	58 14 04	129 54 16	
104I 037	KAY 19, KIM, KING	Showing	CU, AG	L04	58 16 35	129 56 53	
104I 043	PAT	Showing	CU, MO	L04	58 11 31	129 29 43	
104I 046	CROWN	Showing	CU	K01	58 13 30	129 59 31	
104I 049	JOYCE, HORN MOUNTAIN, JD	Showing	MO, CU	L04	58 15 42	129 33 21	
104I 050	T-4, CAMP, T-HORN, TANZILLA, LOTUS, HORN, THORN	Prospect	ZN, CU, PB, AU	I05	58 18 13	129 38 30	
104I 054	LOUISE	Showing	CU	L04	58 05 30	129 45 55	
104I 056	WOLF	Showing	CU	L04, I05	58 15 10	129 26 05	
104I 059	NUP, SNOWDRIFT, DRIFT	Showing	MO, CU	L04	58 18 57	129 35 26	
104I 068	BCR, SS	Showing	CU, ZN, PB, MO	L04, I05	58 05 29	129 49 59	
104I 093	D1, D, DISCOVERY, B, MCBRIDE	Showing	AU, AG, PB, ZN, CU	I05	58 11 23	129 08 01	
104I 094	TURN	Showing	PB	J01	58 18 02	129 10 14	
104I 101	D8, B, MCBRIDE 1	Prospect	AU, AG, PB, ZN, CU	I05	58 11 23	129 07 42	
104I 102	THORN 75, SHEAR CREEK, TANZILLA, LOTUS, HORN, TOM, KEN	Showing	PB, CU, ZN	I05	58 18 07	129 39 41	
104I 140	AND GINGER, JD	Prospect	CU, AG	I06	58 15 40	129 30 27	
104I 141	STATION P12, TANZILLA	Showing	PB, AG	I05	58 17 49	129 36 21	
104I 142	STATION M20, TANZILLA	Showing	CU, AG	I05	58 19 10	129 39 00	
104I 146	MO	Showing	MO, CU	L04	58 18 11	129 34 47	

TRIASSIC OCCURRENCES

Four of the new zones are hosted in probable Late Triassic rocks, and include the “Upper Gnat Creek”, “Mat north”, “Gnat Lakes ultramafite” and “Three Sisters south” mineral occurrences. The “Upper Gnat Creek” occurrence is located 1.5 km south of Upper Gnat Lake, on a brush and forest-covered ridge about 750 m east of the British Columbia railroad grade. The occurrence comprises a 1-10 cm wide vein of massive sulphides (locally widening to a 20 by 20 cm pod) with associated copper oxide staining, within well-foliated Cake Hill plutonic rocks. The wider mineralized zone is associated with brecciated wallrocks. An assay sample of the massive sulphide breccia returned significant results of 1.7 g/t Au, 82 g/t Ag, >1 % Cu and 483 ppm Bi (11BVA02-12a in Table 2). An outcrop containing copper sulphide-bearing veinlets was found in the same hostrock about 140 m further southeast along the ridge. The “Mat north” mineral occurrence is found on the east face of an alpine ridge, a couple of kilometres north of the Mat showing. It is hosted by the Late Triassic Cake Hill pluton, and comprises decimetre-size pods containing about 5% disseminated sulphides (pyrite, possible bornite; chrysocolla and malachite staining common). One assay sample returned >1% Cu and slightly elevated Ag, Au and Bi (11BVA25-172 in Table 2). Abundant coarse grained euhedral biotite immediately surrounds the mineralized pods, but is absent further away in the plutonic rocks. The occurrence might be similar to one described by McAusland (1971) where bornite is found in epidote stringers within the Cake Hill pluton. The “Gnat Lakes ultramafite” occurrences occur within, or immediately surrounding, the Gnat Lakes ultramafite. They are spatially associated with significant topographic lineaments, interpreted as faults, and might be genetically linked to the Dalvenie prospect. Subcrop of intensely silicified and sericite (?) altered, fine grained Stuhini sedimentary rocks contains several percent disseminated pyrite and occurs along strike of a topographic lineament (sample 11BVA11-57 in Table 2). Several ultramafic outcrops contain disseminated pyrite, either directly within ultramafic rocks or associated with later crosscutting felsic dikes (samples 11BVA11-59 and 58b, respectively). Only one of three samples assayed (11BVA11-59 in Table 2) returned slightly elevated copper values. In addition, the easternmost exposures of the ultramafic body contain several percent sulphides and are associated with another north trending topographic

Mineralization at “Upper Gnat Creek”. Intensely pink- orange altered and brecciated plutonic rock clasts within massive sulphide matrix.

The “Three Sisters south” mineral occurrence is hosted in a kilometre size Stuhini inclusion within the leucocratic Cake Hill pluton (LT CHL in Table 1, Figure 3g). Mineralization consists of several zones with 1-5% pyrite disseminated and in veinlets, locally associated with green actinolite. The linear and recessive nature of the gullies suggests that the ≤20 m-wide pyritic zones represent north-northwest to northeast striking subvertical faults cutting the Stuhini succession. One of two assay samples (11BVA33-257 in Table 2) returned 0.3% Cu, 0.03% Mo and slightly elevated W.

THREE SISTERS OCCURRENCES

The remaining four new zones, the “Pat west”, “Three Sisters”, “Three Sisters north”, and “BCR north” mineral occurrences, are hosted in Middle Jurassic (and/or Early Cretaceous?) intrusive rocks of the Three Sisters pluton. The “Pat west” occurrences are subvertical, roughly east to northeast-trending zones hosted in the Three Sisters pluton, and are spread over the entire local map area. A one metre wide zone exposed on the easternmost ridge contains quartz+pyrite±copper sulphide veins hosted in biotite quartz monzonite and quartz monzodiorite of the central felsic phase, and returned assay values of 0.7% Cu (11BVA14-82). The mineralized central and western gossanous exposures are larger in aerial extent (30-50 m wide, ≥200-300 m long), contain disseminated pyrite and/or quartz + pyrite veins, and lack copper sulphides. An assay from the latter location (11BVA15-90) did not return any anomalous values. The "Three Sisters" occurrences are named after the group of peaks on which the fine grained mafic phase of the Three Sisters pluton is exposed. They are found within the northern margin of the fine grained mafic phase, and within the adjacent central felsic phase and leucocratic Cake Hill pluton. A brown-orange weathering zone, up to 200 m wide and 2 km long, is exposed within the Three Sisters central felsic phase close to contact with the fine grained mafic phase. The zone contains abundant west-northwest striking and steeply north dipping goethite-coated fractures after pyrite, and pyrite is also disseminated throughout the hostrock. Three small exposures with quartz+pyrite±chalcopyrite±epidote veins, locally associated with in situ brecciation, are found several hundred metres to the south and southwest of this zone and are hosted in the fine grained mafic phase. One assay sample from the latter location (11BVA32-241) returned 0.35% Cu and slightly elevated Au. An assay sample from the gossanous pyrite zone (11BVA32-246) returned no anomalous values. The "Three Sisters north" occurrence is hosted within the Three Sisters central felsic phase. The rocks are intensely veined (roughly 5% veins by volume in a several metre wide interval), with one 10 cm wide east- southeast oriented, steeply north dipping, epidote+actinolite+sulphide vein. The assay results for this vein indicate 0.36% Cu, >200 ppm W and slightly elevated U (11BVA30-216 in Table 3). The "BCR north" occurrence is situated on the British Columbia railroad grade 7 km south of Upper Gnat Lake. It is associated with irregular bodies of (potassic?) altered hornblende-feldspar porphyry (Tees Creek intrusive) intruding the Three Sisters potassic phase. Minor pyrite is evident in this location, disseminated in both the fringes of the Tees Creek and adjacent potassic phase intrusive.

TABLE 4 SAMPLE RESULTS FROMBC GEOLOGICAL SURVEY

				Units	ppb	ppm	ppm	ppm
				Detection Limit	2	0.1	0.1	0.1
Station no.	UTM E	UTM N	Unit	geol	Au	Ag	Cu	Mo
Pat								
11BVA13-74	470681	6449148	LT	CH?	32	1.1	2962	2.2
11BVA14-82	467697	6447881	MJ	TSc	21	0.7	7079	0.1
11BVA15-90	466323	6447968	MJ	TSp	<2	<0.1	131	2

The "Pat west" occurrences are subvertical, roughly east to northeast-trending zones hosted in the Three Sisters pluton, and are spread over the entire local map area (Figure 3b). A one metre wide zone exposed on the easternmost ridge contains quartz+pyrite±copper sulphide veins hosted in biotite quartz monzonite and quartz monzodiorite of the central felsic phase, and returned assay values of 0.7% Cu (11BVA14-82). The mineralized central and western gossanous exposures are larger in aerial extent (30-50 m wide, ≥200-300 m long), contain disseminated pyrite and/or quartz + pyrite veins, and lack copper sulphides. An assay from the latter location (11BVA15-90) did not return any anomalous values.

GEOLOGICAL UNITS

The Hotailuh batholith comprises a number of different plutons and plutonic phases. It can be subdivided into three plutonic suites, the Late Triassic (ca. 222-226 Ma), Early Jurassic (ca. 184-190 Ma) and a Middle Jurassic–Early Cretaceous suite (ca. 165-171 Ma and ca. 117 Ma, respectively). The Late Triassic plutonic suite comprises, in decreasing age, the Gnat Lake ultramafic to mafic bodies, Cake Hill felsic pluton and Beggerlay Creek ultramafic to mafic pluton. Similar mineralogy, texture, compositional variation and magnetic susceptibility may indicate a genetic link between the Gnat Lake and Beggerlay Creek plutons. Limited evidence of crosscutting relationships suggest that the Gnat Lake ultramafite is older than the Cake Hill pluton, and earlier studies by Anderson (1983) suggest that the Beggerlay Creek pluton is younger than the Cake Hill pluton. However, demonstrable crosscutting relationships are rare, and perhaps all Late Triassic mafic–ultramafic plutonic rocks are roughly age equivalent. The Late Triassic plutonic suite is spatially associated with, and in places intrudes, poorly exposed and poorly dated, intermediate-mafic volcanic and the Three Sisters fine grained mafic phase, showing orange-brown altered zone of the "Three Sisters" mineral occurrence. Zone is intensely goethite-stained, contains abundant disseminated pyrite and pyrite in steeply dipping, west-northwest striking fractures.

The Three Sisters central felsic phase (TSC) is exposed along the ridge in the foreground; the Three Sisters fine grained mafic phase (TSF) is exposed on the right-hand peak. Light-coloured scree below this peak may be an inclusion of the Cake Hill leucocratic phase (CHL) sedimentary rocks of the Triassic Stuhini Group. The Early Jurassic plutonic suite comprises the McBride River felsic pluton exposed on the easternmost edge of the batholith. An area within the eastern part of the batholith has been reinterpreted as a large apophysis of the McBride River pluton. The pluton has contact metamorphosed Lower Jurassic, fine grained, stratified sedimentary rocks. The Three Sisters pluton comprises at least four phases, namely the early fine grained mafic phase, a subsequent mafic phase, central felsic phase, and a crosscutting potassic phase. Preliminary U-Pb zircon crystallization ages confirm the Middle Jurassic age for the coarse grained Three Sisters potassic phase. However, an Early Cretaceous age for the Three Sisters central felsic phase raises the possibility that part or all of this pluton is much younger than previously recognized. Northwest of Lower Gnat Lake, a granitoid clast- bearing conglomerate nonconformably overlies the Cake Hill pluton, and is correlated with Lower(-Middle) Jurassic, quartz-bearing, coarse grained sedimentary rocks reported within the immediate area. The latter are overlain by rocks previously assigned to the Triassic Stuhini Group (Anderson, 1983; Gabrielse, 1998) that in light of new U-Pb detrital zircon data are reinterpreted here as Middle Jurassic sedimentary and volcanic rocks (Iverson et al.,).

MMI SOIL SAMPLING PROGRAM

Geotronics Consulting Inc. 6204 - 125th Street Surrey, B.C. V3X 2E1 *Phone:* *604-596-4564* Cell: 778-908-4021 E-mail: geo@geotronics.ca Web: http://www.geotronics.ca was contracted by Decoors Mining Corp. to collect mobile metal ion samples along grid lines on the Hot Bath property. The sampling took place on two separate property visits. The first visit on July 3rd, 4th, and 5th,2014 samples were collected by Jonathan Deslouche, Keenan Kerr, Andy Lukacs and Clay Munro of Geotronics and the second visit took place on Oct 02 2014 by Ryan Dix, Hanjo Zink and Olexadr Ponomaryov also of Geotronics.

In total 56 soils and 3 rock were collected in the two programs under the supervision of David Mark, P.Geo. The 3 rock samples were taken from an outcrop 250 meters west of the MMI grid line. These rock samples were taken from steeply dipping foliated gossanous quartz monzonite at UTM coordinates 446592 east and 6447748 north. One of these rock samples was analysed by SGS and returned over 3% copper and 3 grams per tonne gold.

MMI SAMPLING PROCEDURE

HOT BATH PROJECT MMI SAMPLE COLLECTION:

In order to test for the geochemical signature of a covered mineral deposit, a total of 56 mobile metal ion (MMI) samples were collected from the HotBath property. MMI samples were collected at ~25 m intervals transecting aeromag geophysical anomalies. MMI samples were collected by field technicians in accordance with guidelines for MMI sampling set out by SGS Laboratories. The procedure was as follows: Prior to collecting the MMI samples, sampling equipment was brushed to eliminate residue from previous samples and was flushed with soils from the new sample area. Extensive organic horizon (O or Ao) was scraped away and loose non-decomposed matter, debris, and any possible cultural contamination was eliminated. Any organic material that still has structure (i.e. decomposing leaves, bark, twigs and peat) was then penetrated. Once through to a true A-horizon (where the soil resembles a decomposed mass without any obvious leaf or vegetation visible), the top 10cm of this A-horizon material was discarded. The sample was then collected between the 10 to 25 cm intervals below this horizon

A plastic trowel was used take a cross section of the material between the 10 to 25 cm depth interval. The sample material was put into clean, Zip_Lock Bags with a 4 digit consecutive chip and double bagged. Approximately 300 to 500 grams of material was collected. Samplers ensured not to mix organic and inorganic soils in the collected sample. In the event of encountering greater than 25 cm of organics, no sample was collected. (This was not a problem at HotBath) The soil type, topography and moisture content of soil was recorded for future interpretation. During sample collection and handling, no jewelry (watches, rings, bracelets, and chains) were worn so as to avoid potential contamination. Analytical analysis of the MMI samples were from their 53 element package which included Cu, Au, Mo, Ag, Zn, Pb, and As elements commonly associated with Cu +Au+Mo deposits and/or define their peripheral signature and also included the 46 other possible trace elements.

The common practice for interpreting MMI assay results is by the calculation of a response ratio (RR). The response ratio is the normalization of the data relative to local geochemical background. The background value is calculated by averaging the first quartile of data, and then by dividing all the results by the average of the first quartile. This method will give a response ratio, relative to the geochemical background.

SAMPLE SHIPMENT AND ANALYSIS:

All of the samples were packed by the field staff on site and shipped via Bandstra, a local expediting company, to SGS Labs in Vancouver, British Columbia. The rock sample was also analyzed by SGS Labs using their new IMS90A Package which reportedly gives a wide range of elements at low detection limits. SGS has data available of comparative results for Cu on their web site.

Soil samples were collected from small pits dug with shovels. Each pit was dug to 20 cm depth and cleaned with a plastic spade. The sample was collected in non-contaminated plastic bowl and sealed in moisture sealed plastic bags. The MMI samples were bagged in the field, tagged and sealed on-site. Sample standards, duplicates and blanks were randomly inserted into the sample batches at a frequency of one in twenty. Samples were transported by the company for shipment to SGS Laboratories.

ANALYTICAL METHODS

MMI sample analytical technique is proprietary to SGS laboratories in Toronto. These mobile metal ions are released from ore bodies and travel upward toward the surface. Using sophisticated chemical processes and instrumentation, MMI™ is able to measure these ions, in surface soils, to determine accurately where buried mineralization is located. Mobile Metal Ion (MMI™) Geochemistry is an advanced surface exploration technique for finding mineral deposits.

MMI™ geochemistry is a cost effective surface exploration tool. MMI™ measures mobile metal ions in surface soils. These mobile metal ions are released from ore bodies and travel upward toward the surface. Using sophisticated chemical processes and instrumentation, MMI™ is able to measure these ions, in surface soils, to determine accurately where buried mineralization is located.

The MMI™ technology is an innovative geochemical process that uses a very different approach to the analysis of metals in soils and weathered materials. It involves sample attack using extremely weak solutions of organic and inorganic compounds rather than the conventional aggressive acid digest solutions or fusions. Conventional techniques digest soil substrates releasing metals that are chemically bound by strong atomic forces, either to each other or within and to the clay and other minerals and particles in the soil sample. In contrast to this MMI™ extractants, containing strong ligands, are used to detach and hold in solution metal ions which are loosely bound to soil particles by weak atomic forces. The extractants are formulated to avoid dissolving the bound forms of the metals. The metal ions held in solution are therefore the chemically active or 'mobile' component. These mobile forms occur in very low concentrations that are readily measurable by modern ICP-MS analytical instrumentation with considerable precision, provided that the solution delivered to the machine is very dilute. MMI™ extractants meet these criteria particularly well.

COMPILATION OF DATA

The MMI data for Mo, Au, Co, Ag, and Cu, were plotted together on histograms and Sr, Ni, Pb, Zn and Cu were also plotted on separate histograms. Elements were chosen for their relevance to the target mineralization and/or indicative of the mineralized porphyry intrusive model, these were molybdenum, gold, cobalt, silver, strontium, nickel, lead, zinc and copper. The mean background value was calculated for each of the ten metals and this number was then divided into the reported value for that metal to obtain a figure called the response ratio.

The assay values for all fifty six samples are listed in Appendix B.

The 32 samples from the first MMI sampling program were re-analysed using standard ICP soil assay procedures. The comparison of the results are shown in Appendix C

DISCUSSION OF RESULTS

MMI geochemical survey was conducted as along north-south lines in the central intrusive area. The 2014 survey lines to cover the previously identified geological feature, sample and mapping area by BCGS and to cover the area where a possible porphyry intrusive was identified in regional magnetic data. The results indicate that anomalous values in gold, copper and silver are located adjacent to the interpreted intrusive. There is insufficient sampling to be conclusive, however, it appears that the best values are located on the flank of the previously mentioned, interpreted intrusive. Copper and gold values are significant with MMI values reaching forty times background. Additionally, rock samples collected from an exposed sulphide bearing quartz vein returned copper values exceeding 3% Cu (as high as 7.4 in one assay) and gold values greater than 3 g/t. The apparent orientation of this vein, 230^{o} Az aligns with toward the intrusive. (Figure 25)

The re-analysed MMI samples variable correlation on most of the elements analysed. This is likely due to the general lack of anomalous values and limitations of the detection limits for low value responses. In general, the MMI data seems to show greater response to low values. The exception is the copper analysis. Copper shows a strong response on both standard soils and the MMI. The correlation of anomalous values over background and position of the anomaly is excellent. This correlation validates the MMI samples as an exploration tool.

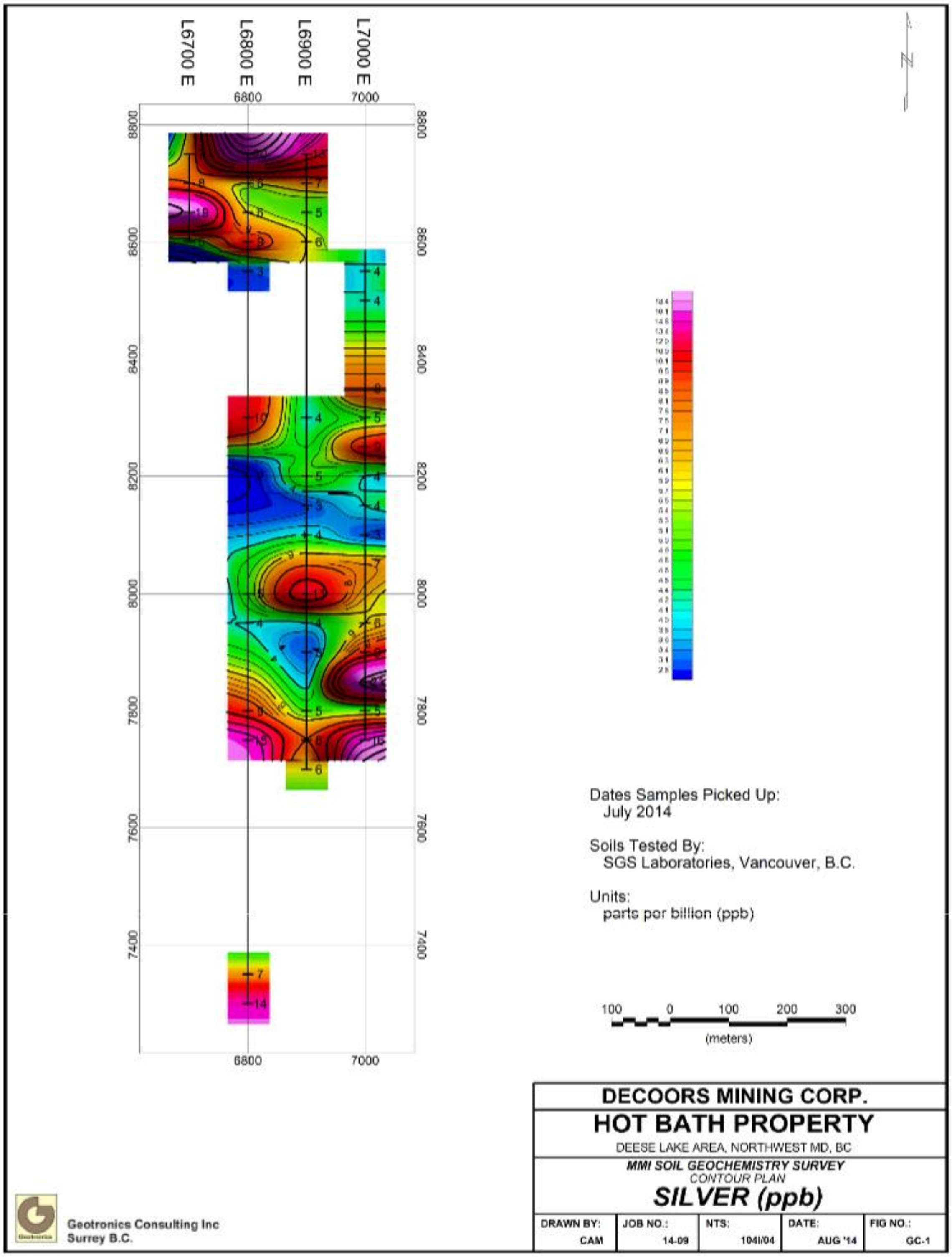

FIGURE 3 PLAN MAP OF MMI SILVER

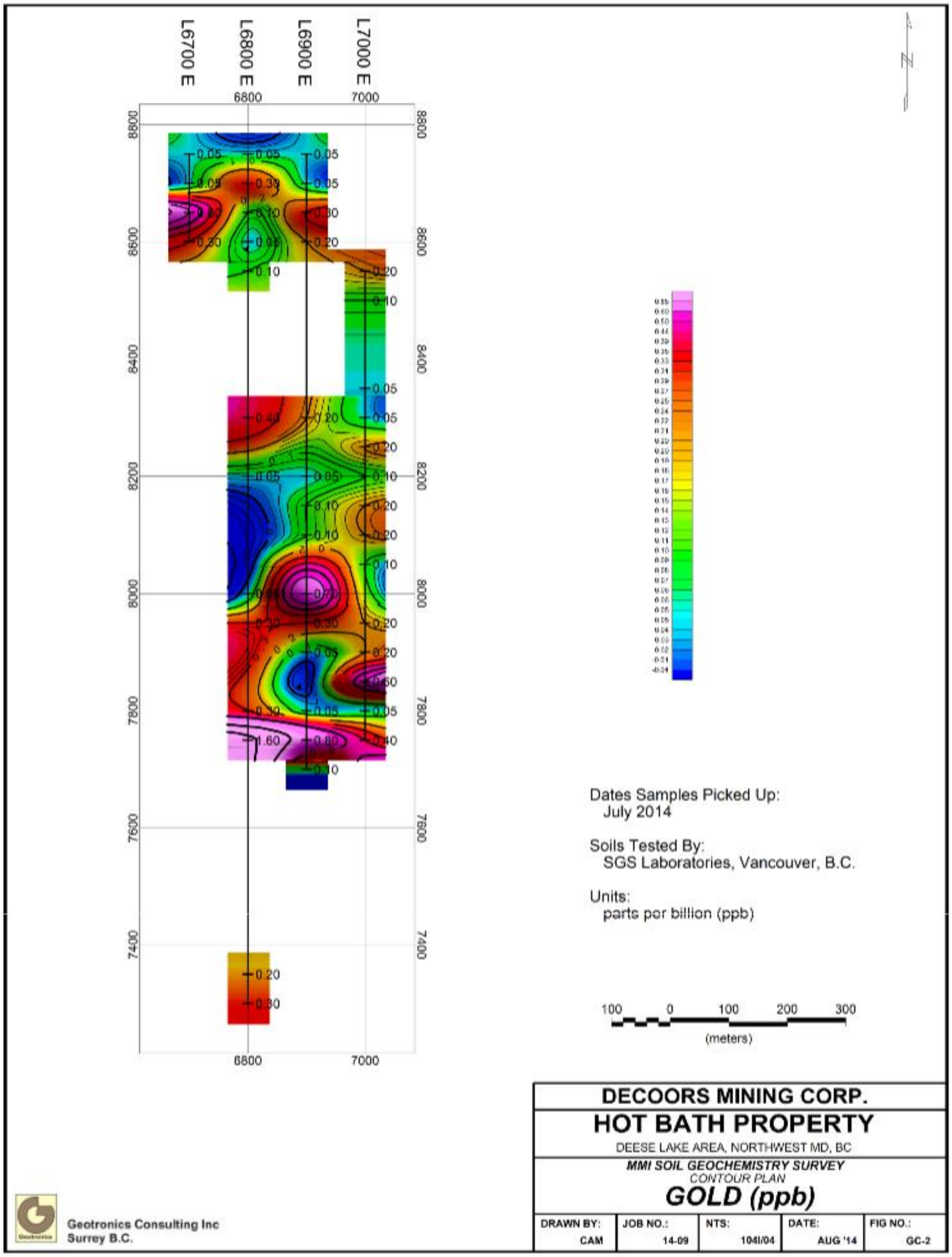

FIGURE 4 PLAN MAP OF MMI GOLD

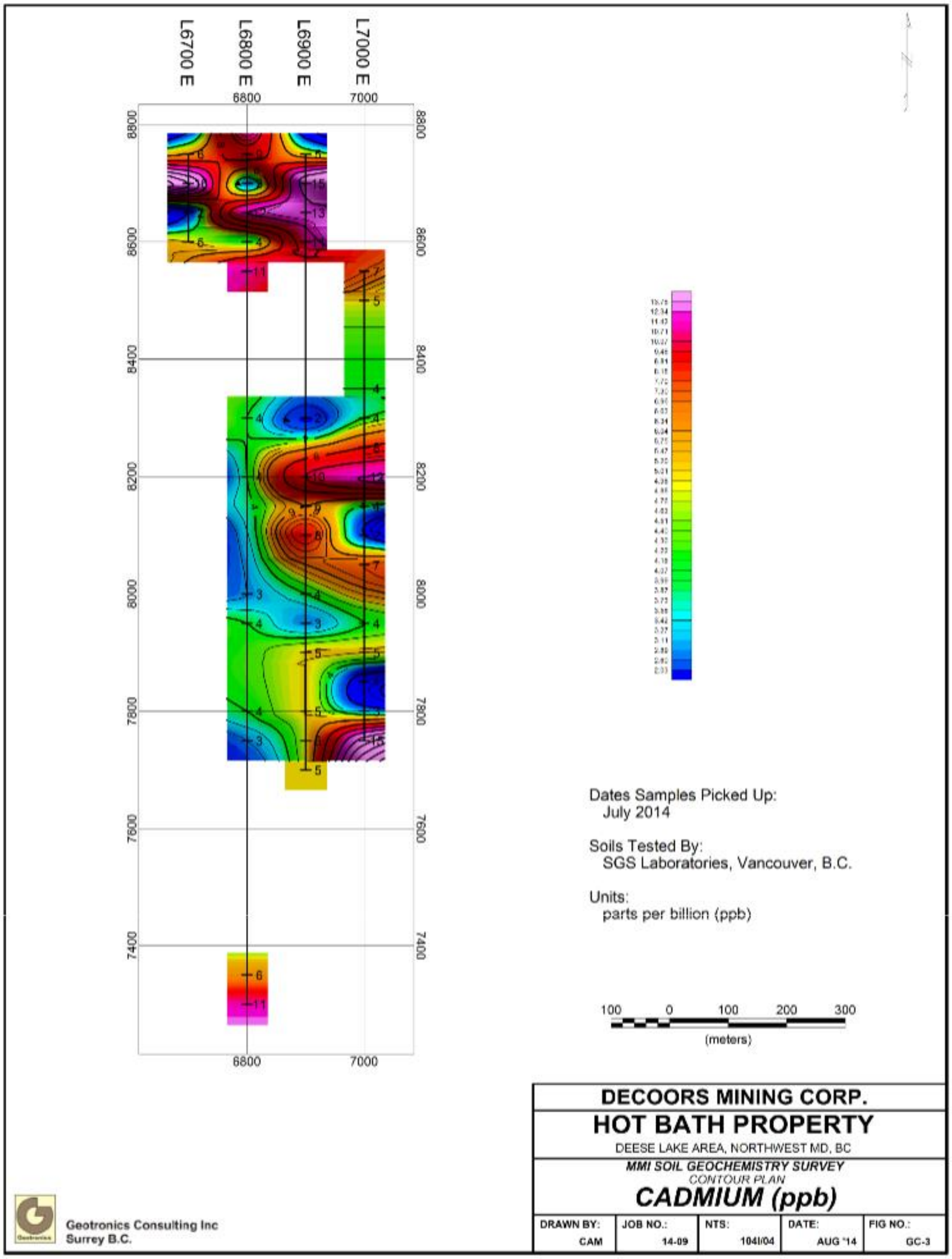

FIGURE 5 PLAN MAP OF MMI CADMIUM

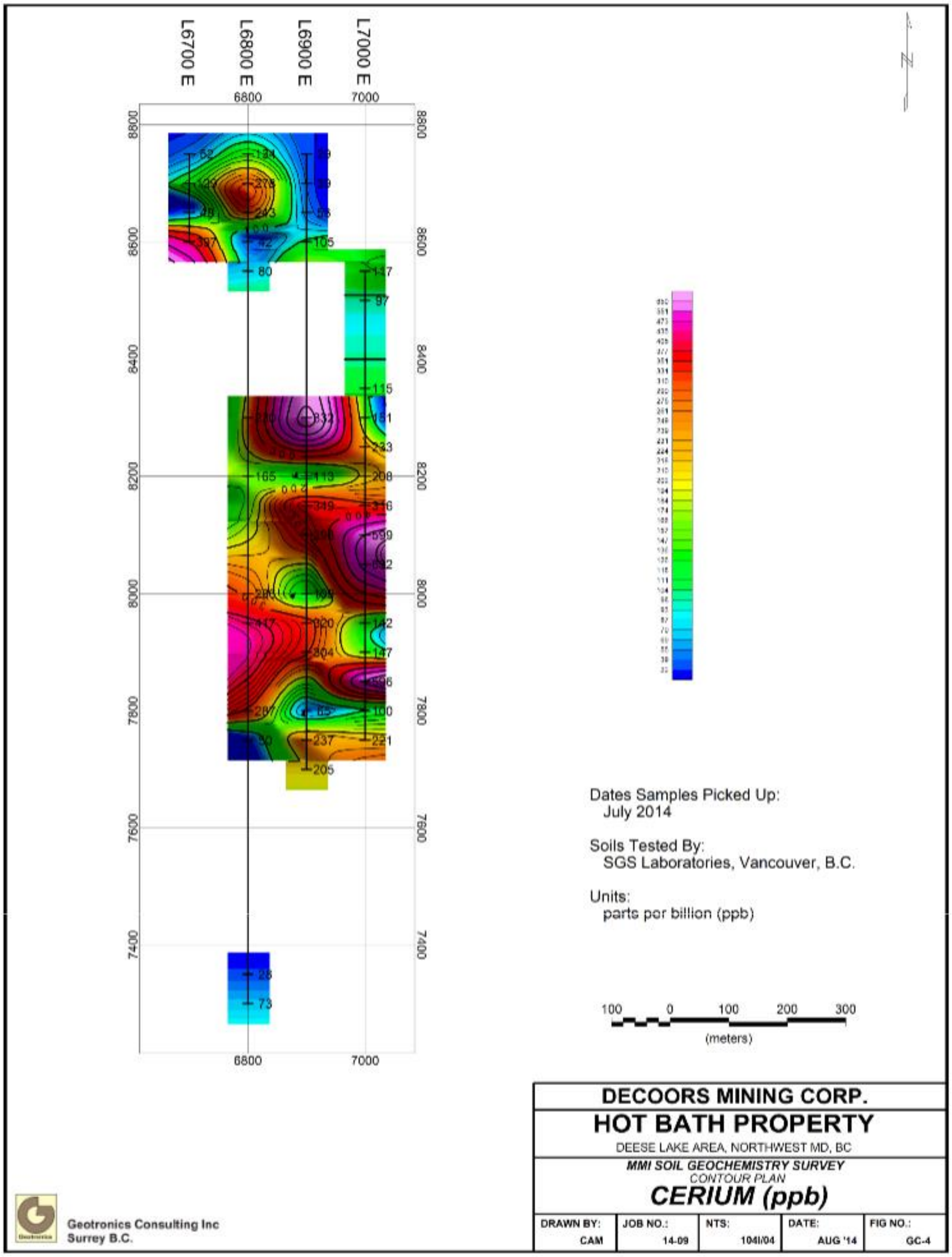

FIGURE 6 PLAN MAP OF MMI CERIUM

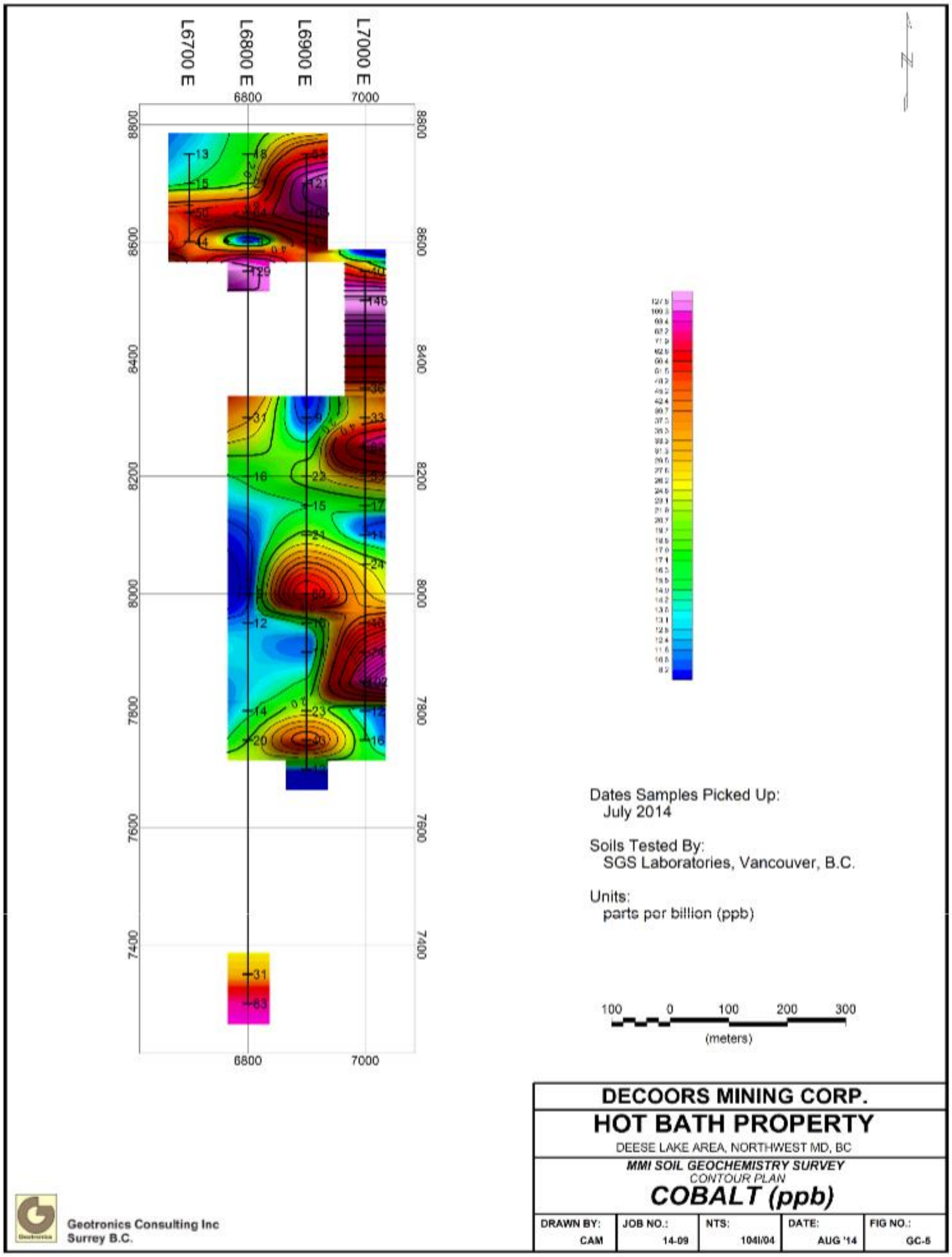

FIGURE 7 PLAN MAP OF MMI COBALT

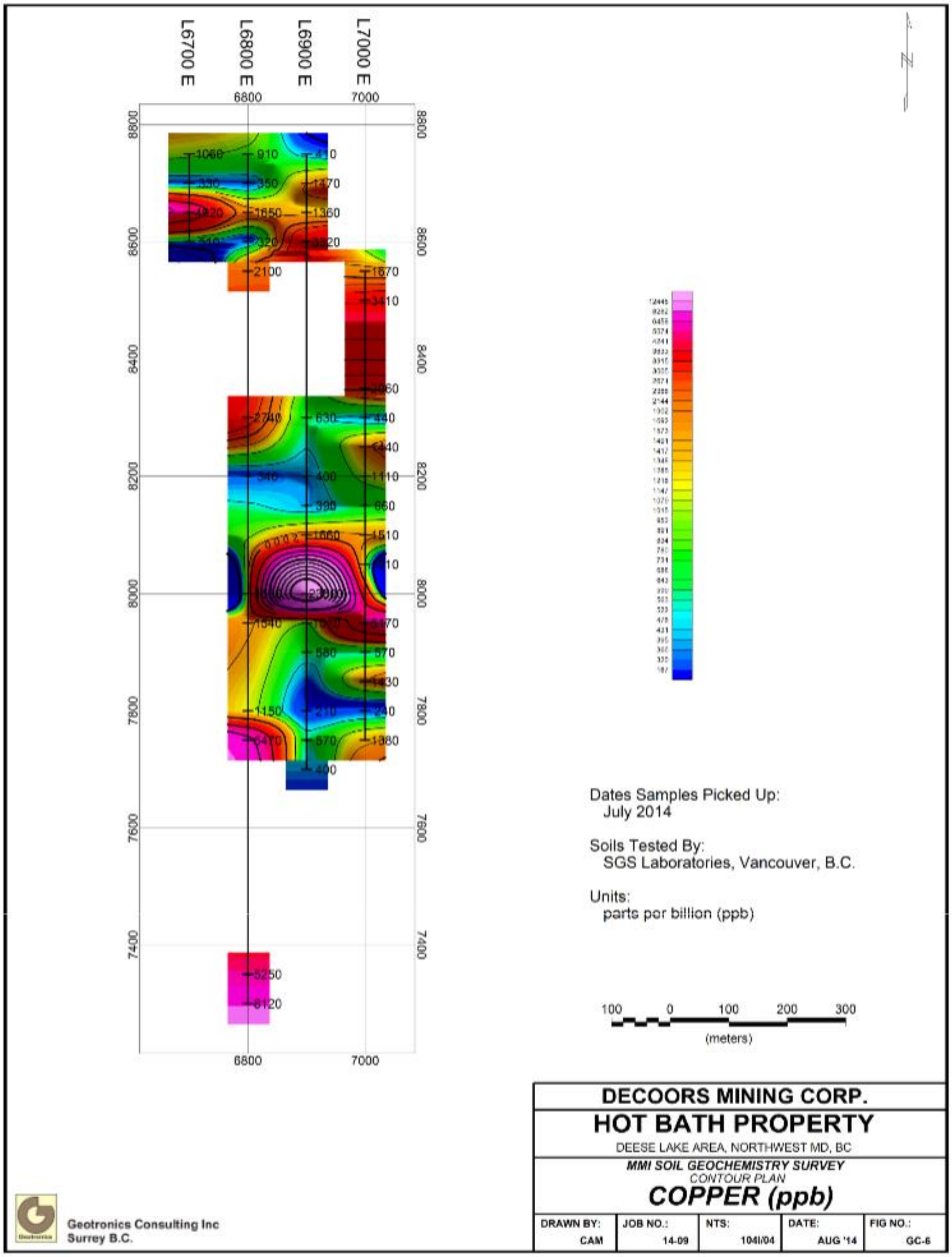

FIGURE 8 PLAN MAP OF MMI COPPER

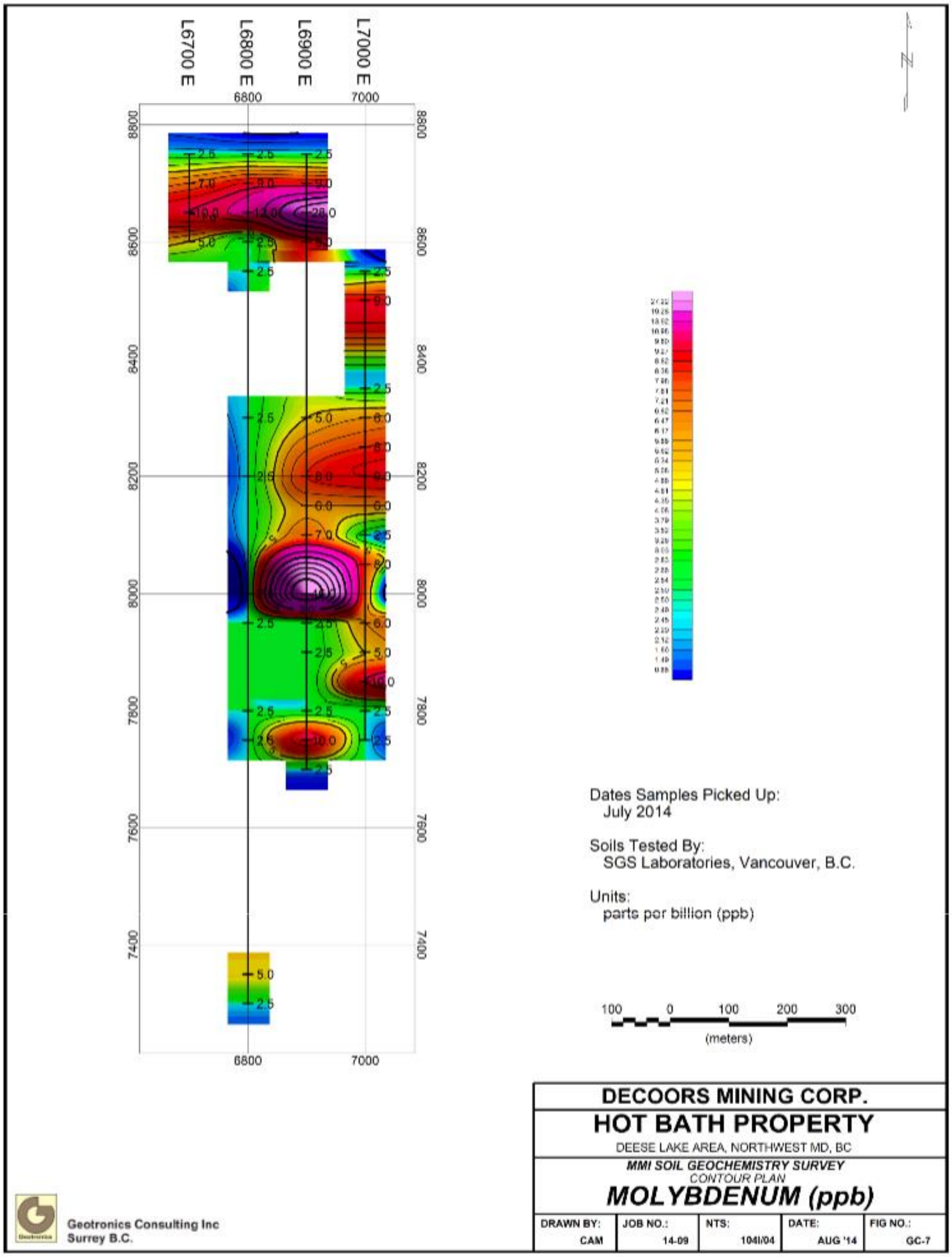

FIGURE 9 PLAN MAP OF MMI MOLYBDENUM

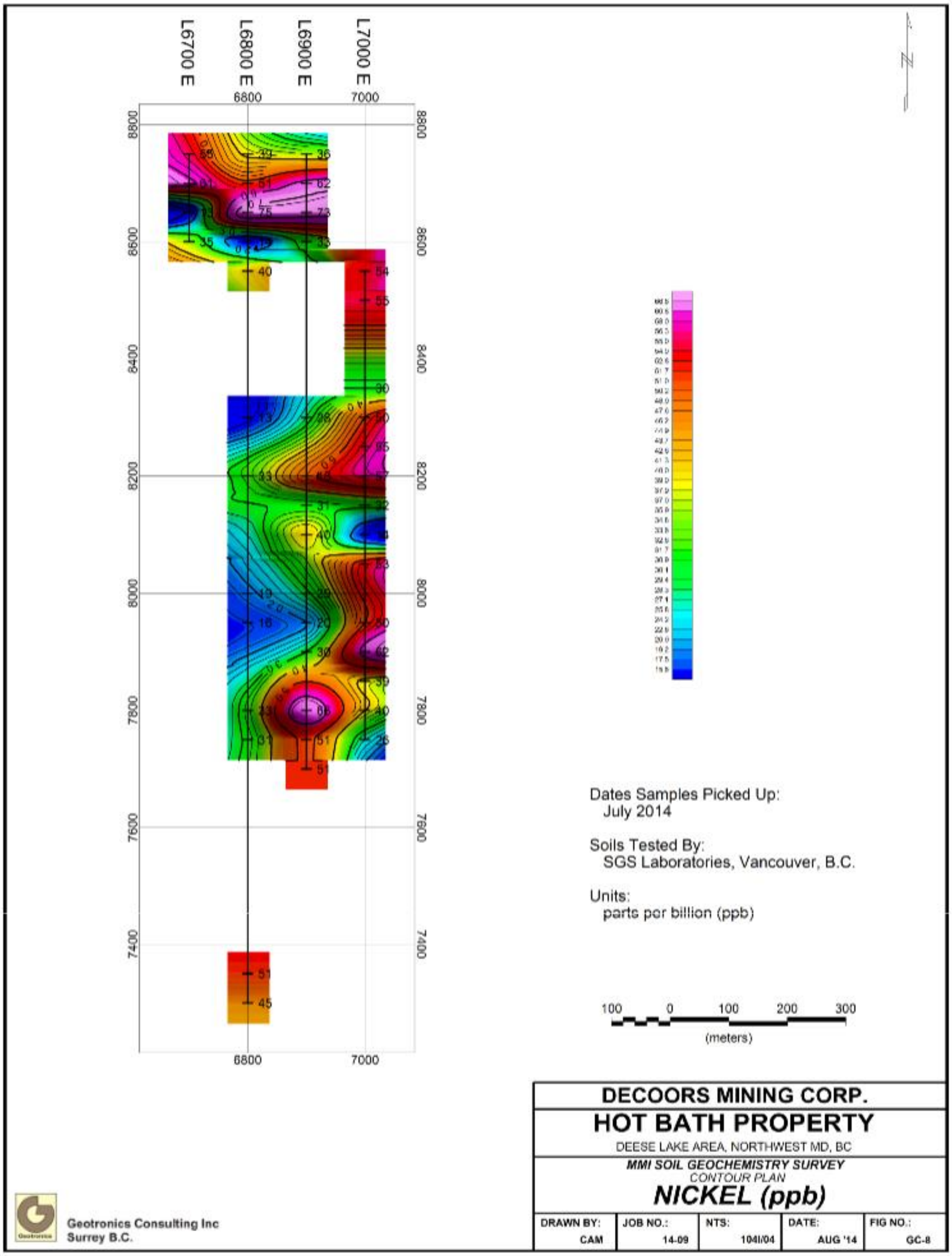

FIGURE 10 PLAN MAP OF MMI NICKEL

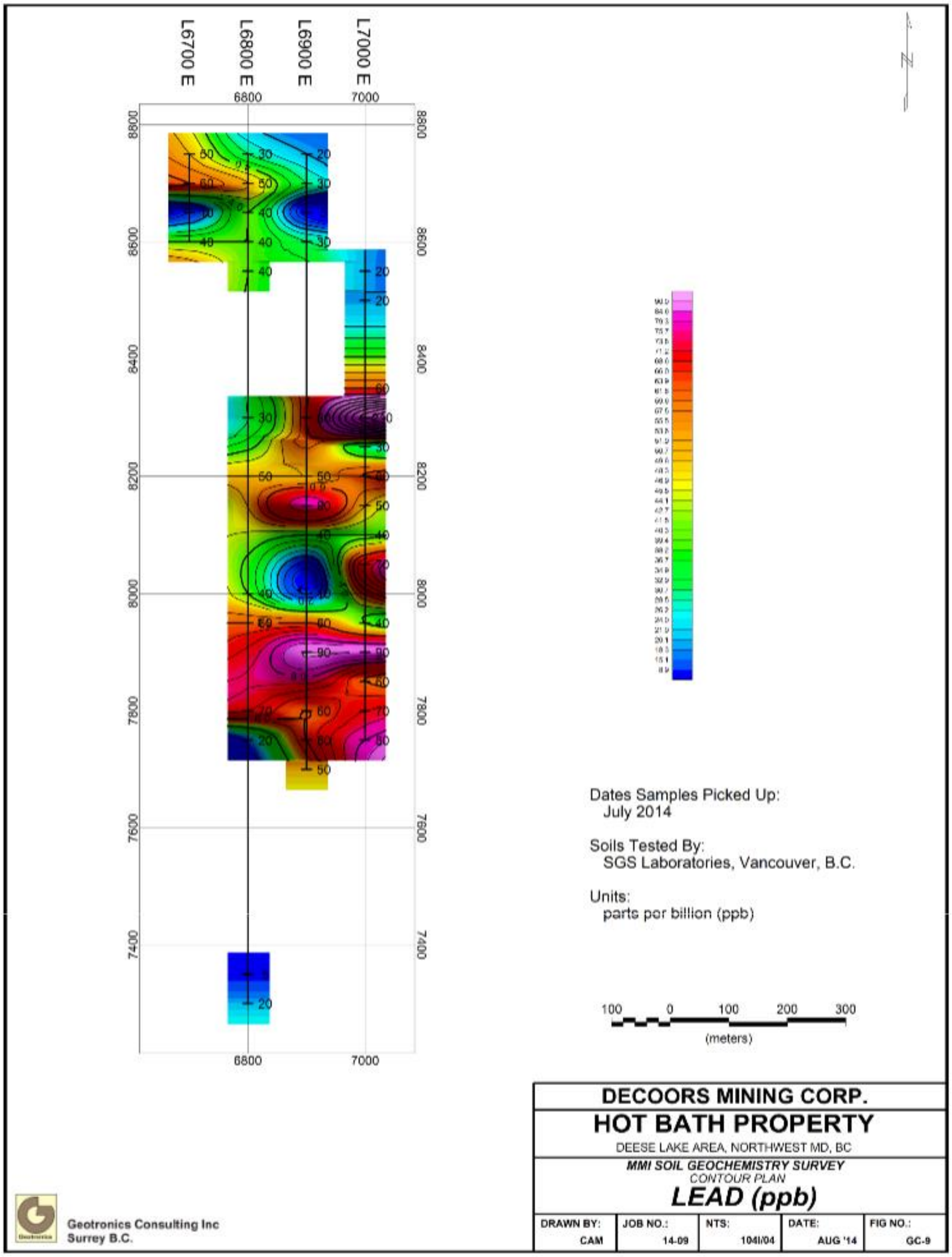

FIGURE 11 PLAN MAP OF MMI LEAD

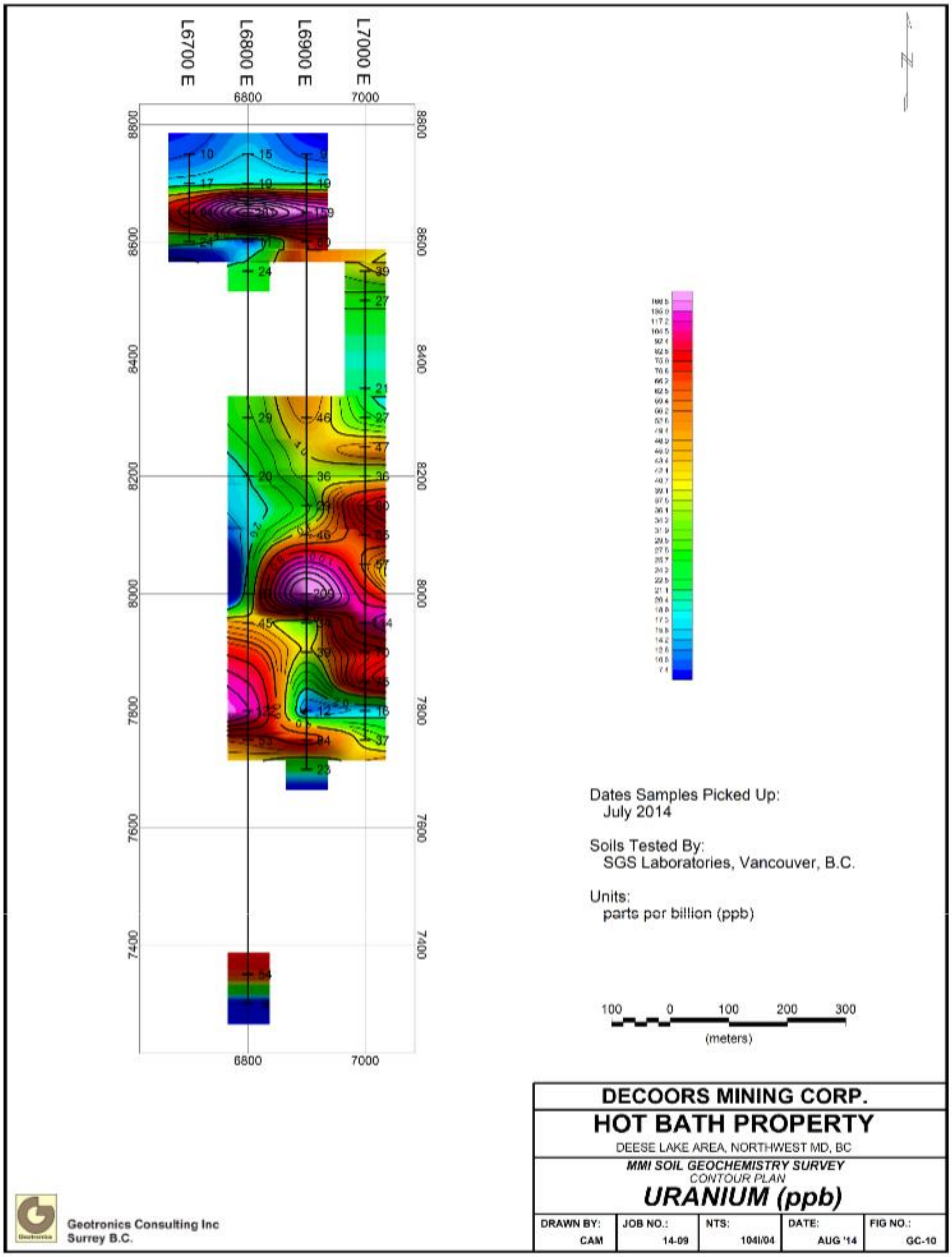

FIGURE 12 PLAN MAP OF MMI URANIUM

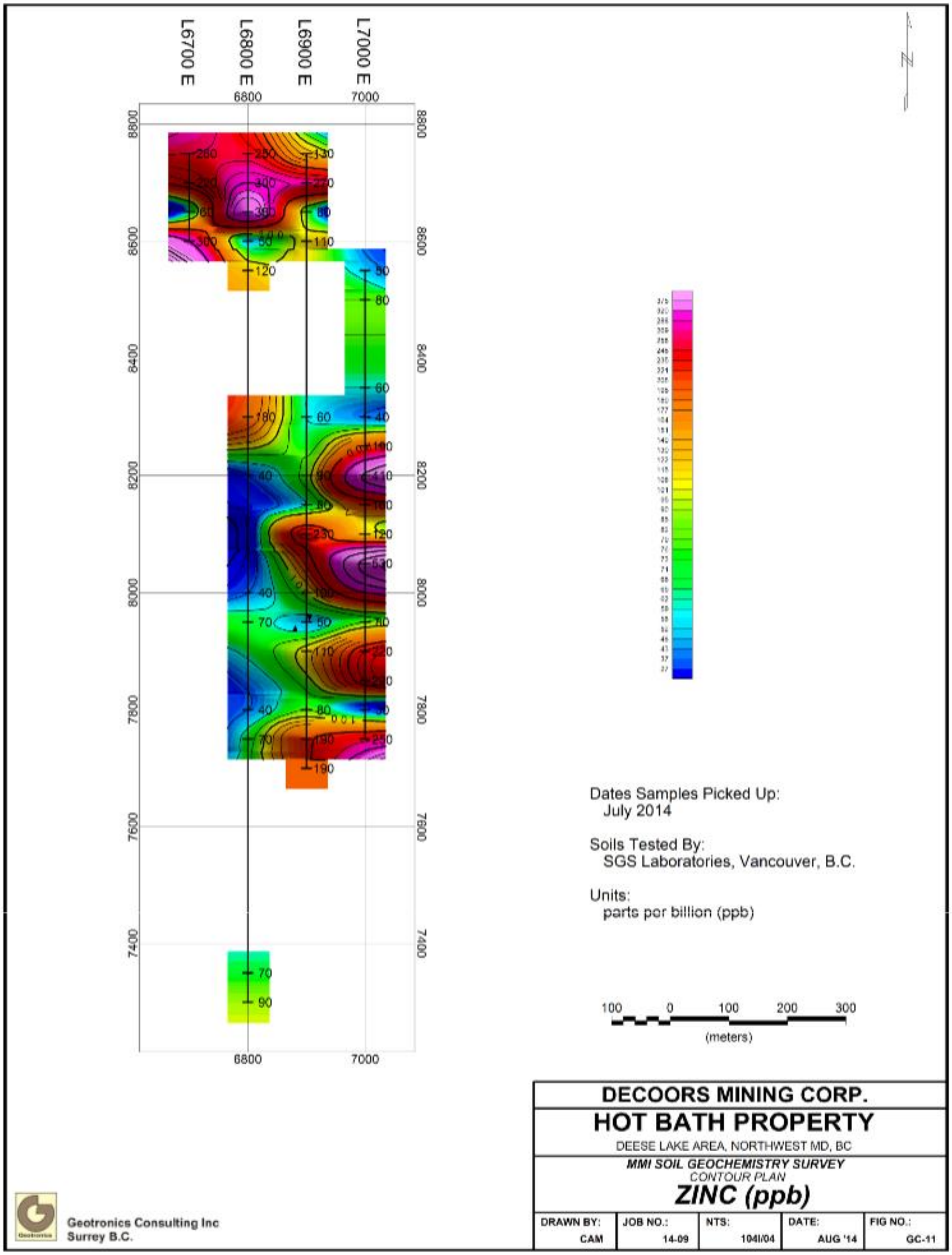

FIGURE 13 PLAN MAP OF MMI ZINC

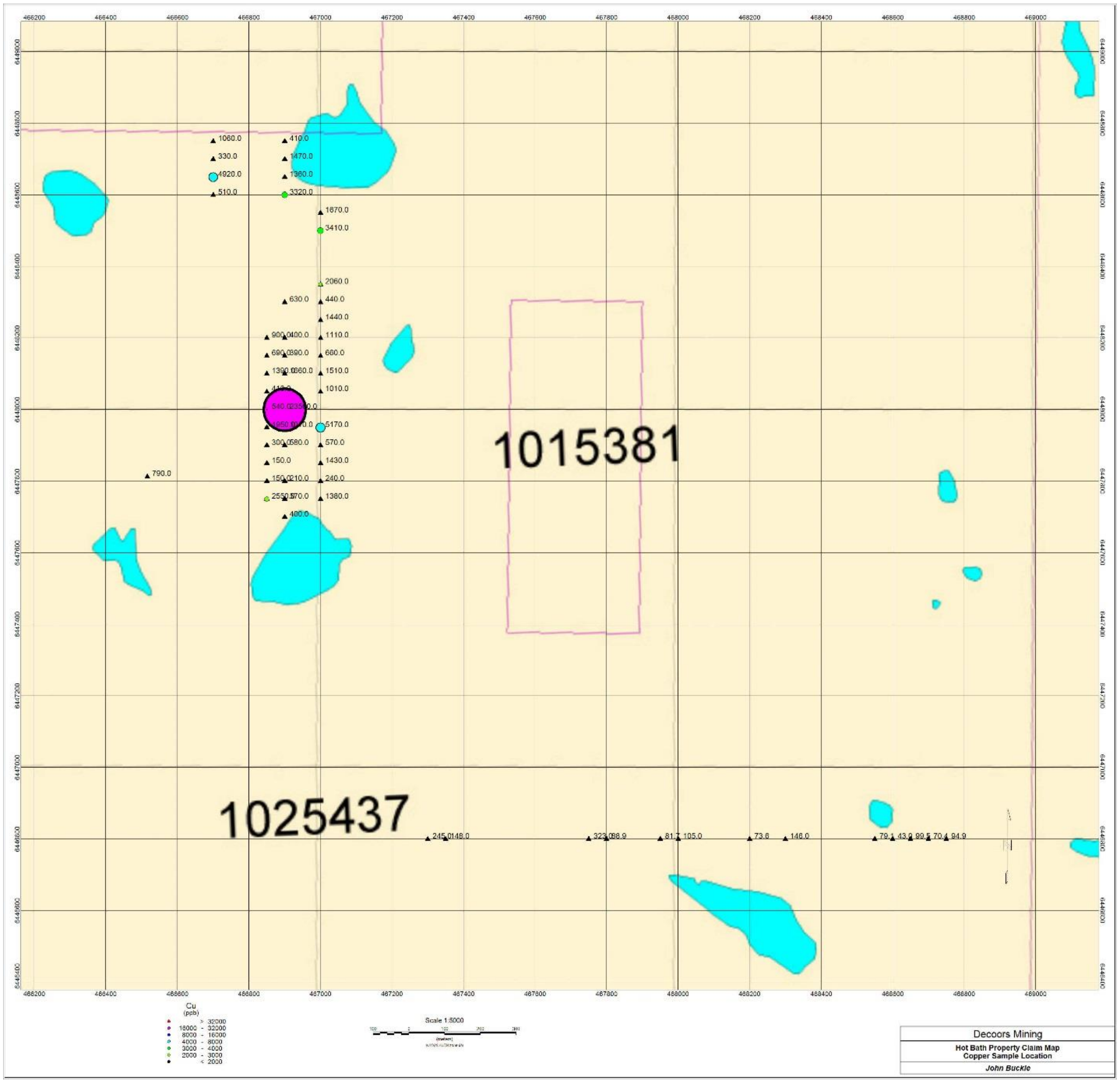

FIGURE 14 SAMPLE LOCATION WITH MMI COPPER VALUES

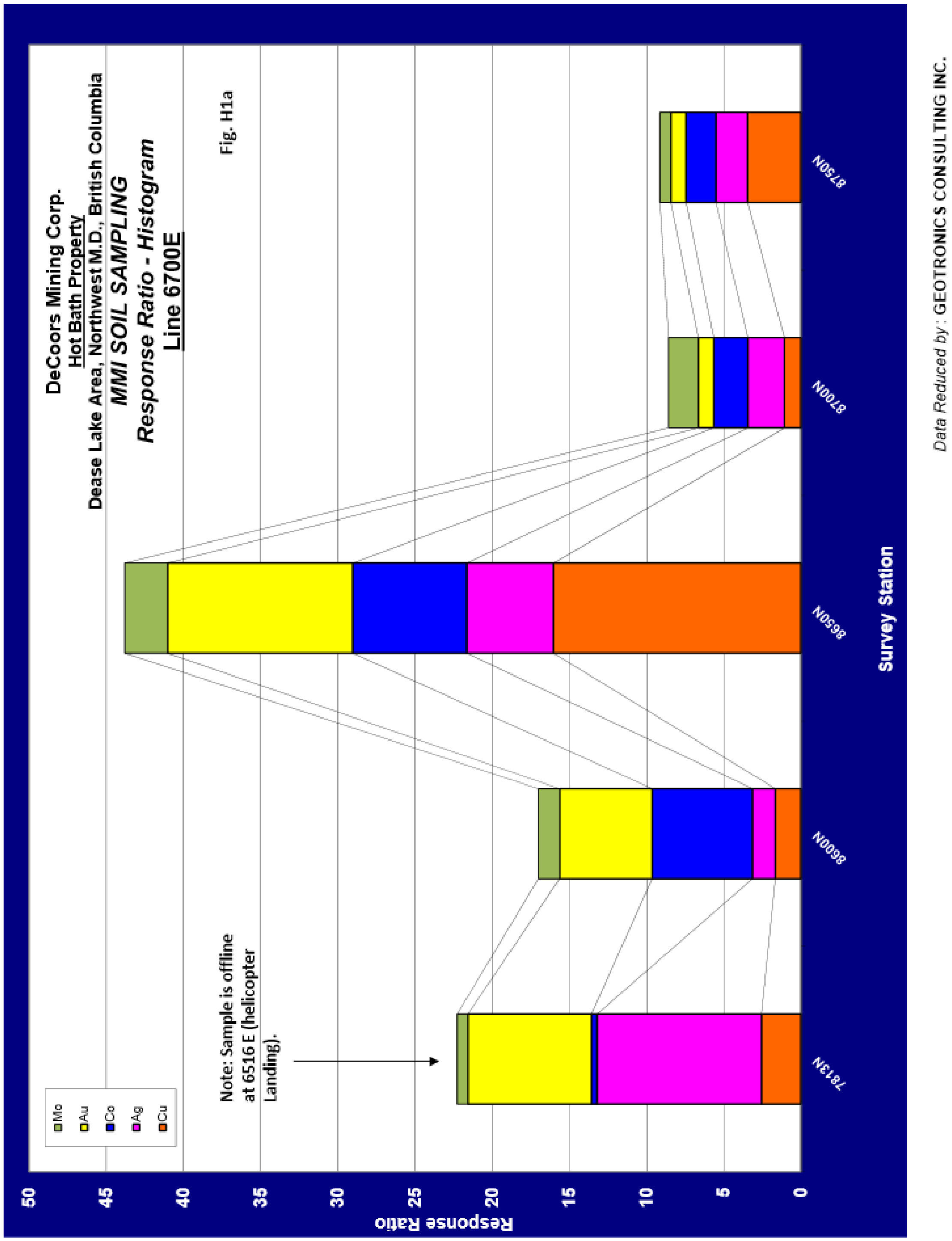

FIGURE 15 MMI HISTOGRAM LINE 6700E MO, AU, CO, AG, CU

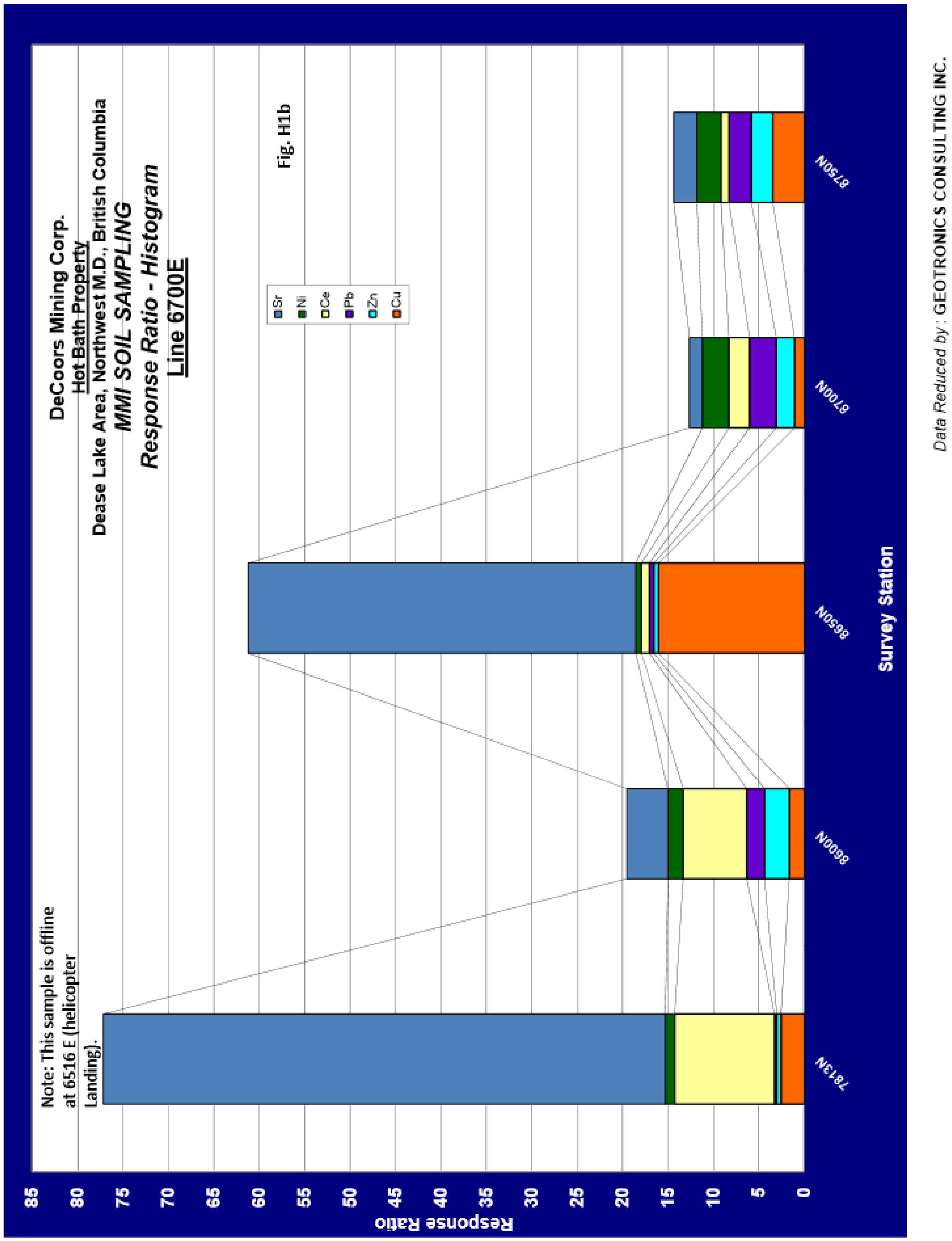

FIGURE 16 MMI HISTOGRAM LINE 6700E, SR, NI,PB,ZN,CU

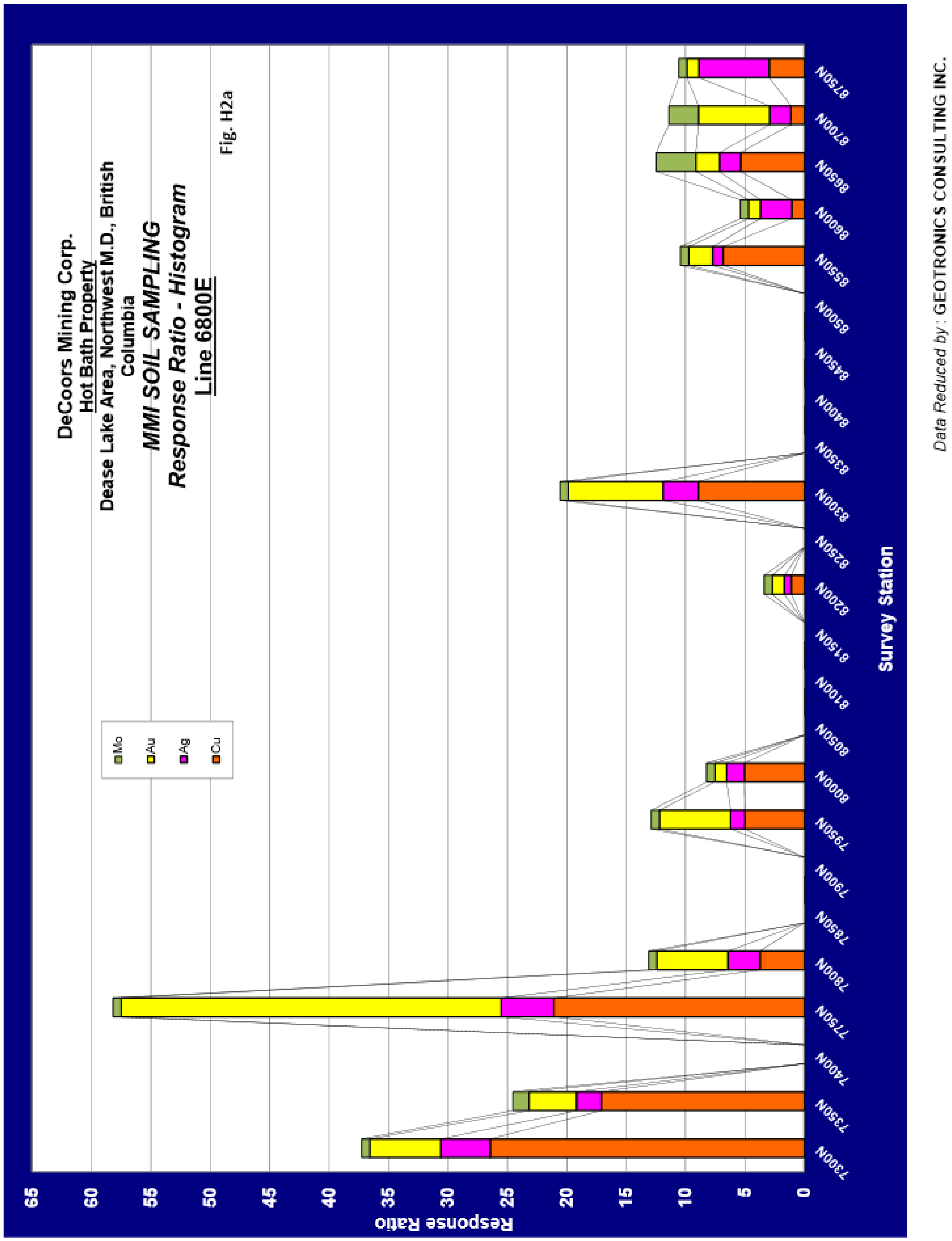

FIGURE 17 MMI HISTOGRAM LINE 6800E, MO, AU, AG, CU

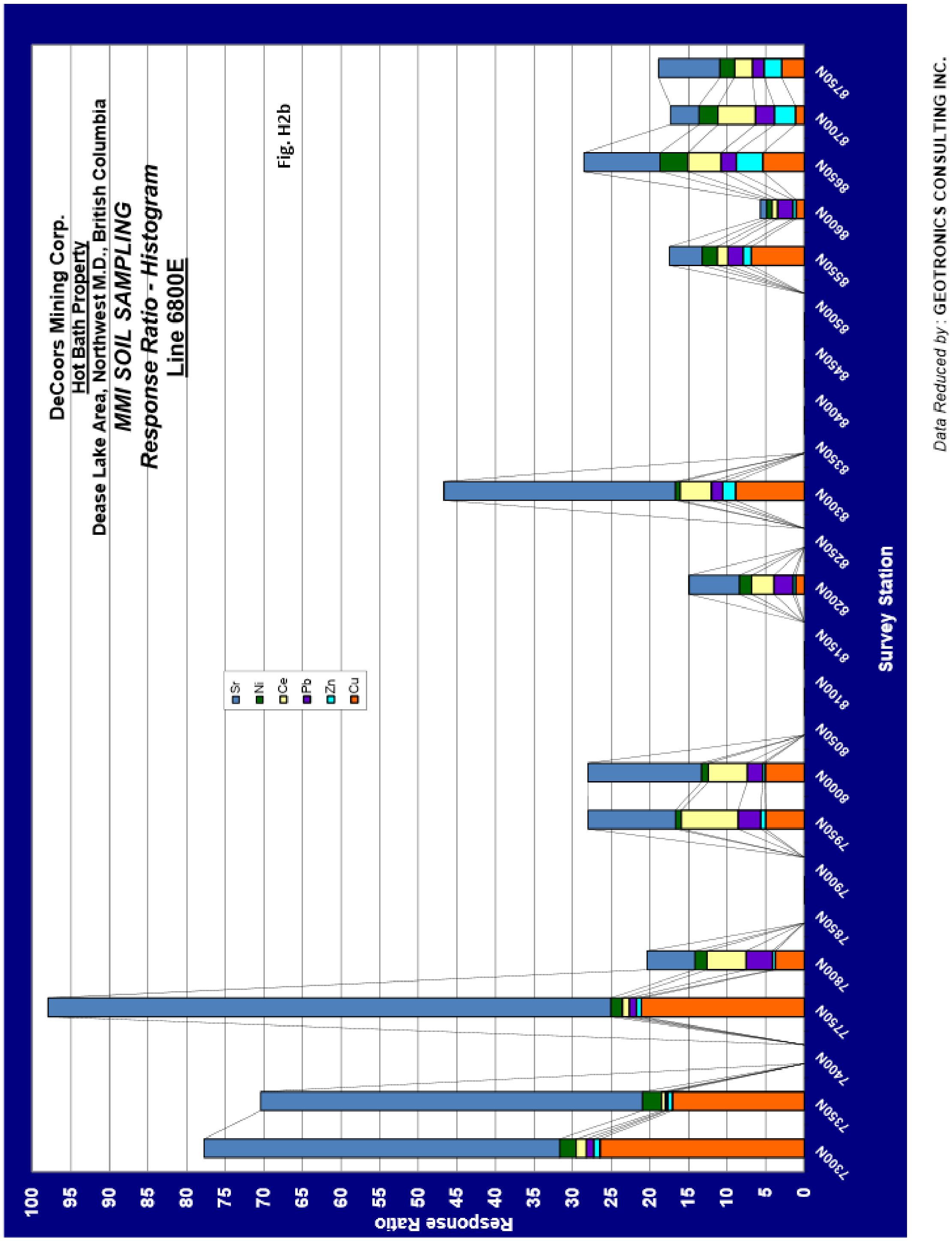

FIGURE 18 MMI HISTOGRAM LINE 6800, SR, NI, CE, PB, ZN, CU

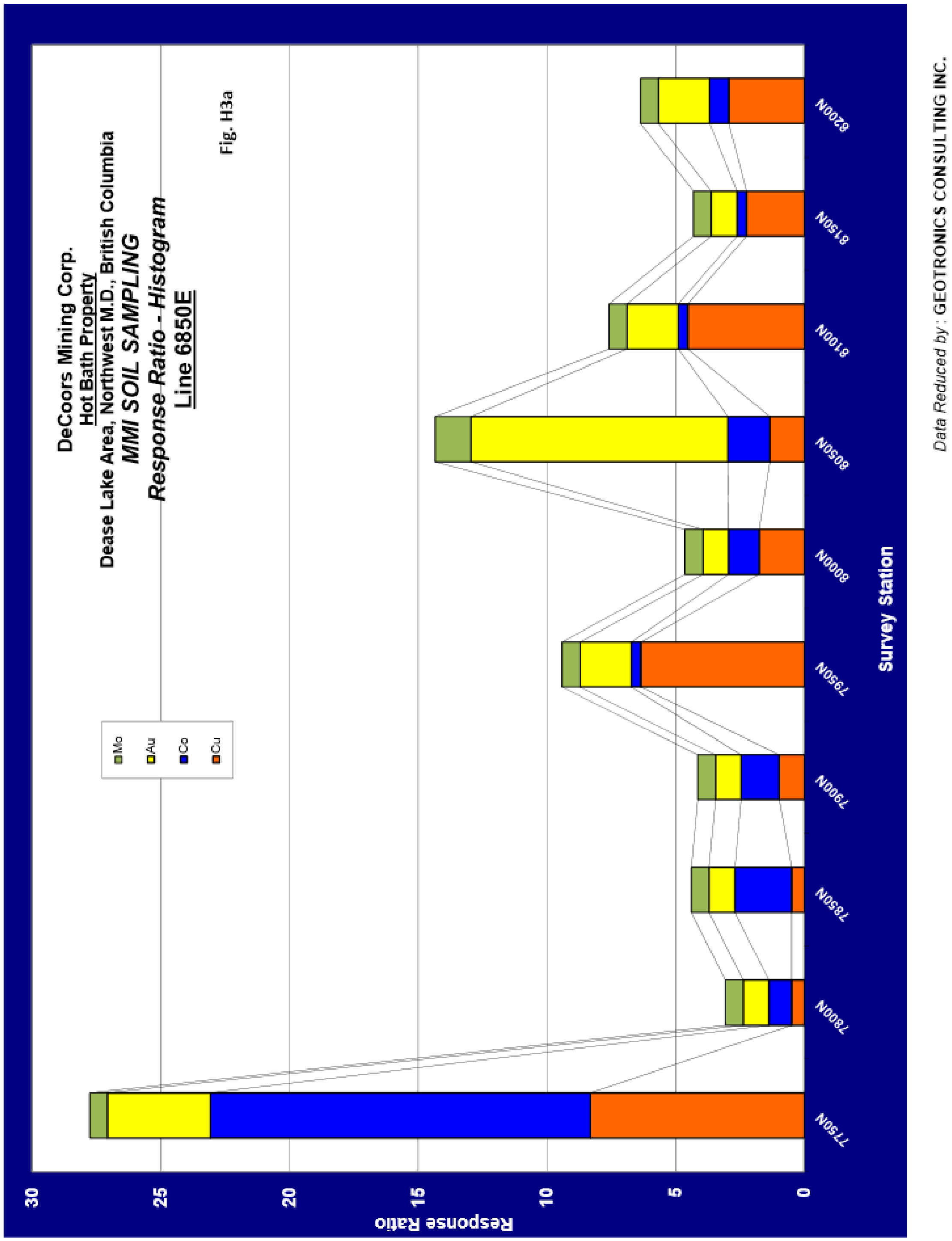

FIGURE 19 MMI HISTOGRAM LINE 6850, MO, AU, CO, CU

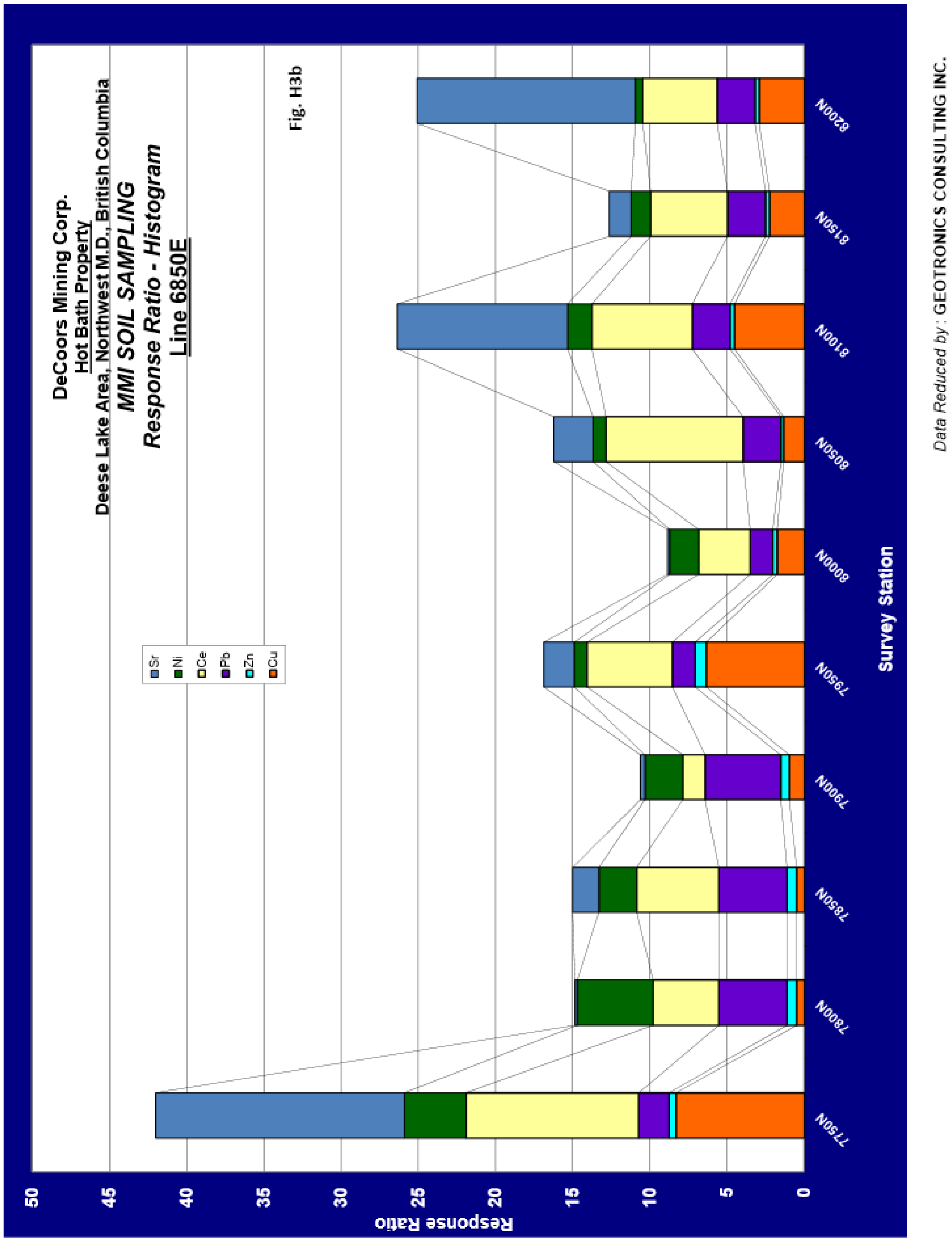

FIGURE 20 MMI HISTOGRAM LINE 6850, SR, NI, CE, PB, ZN, CU

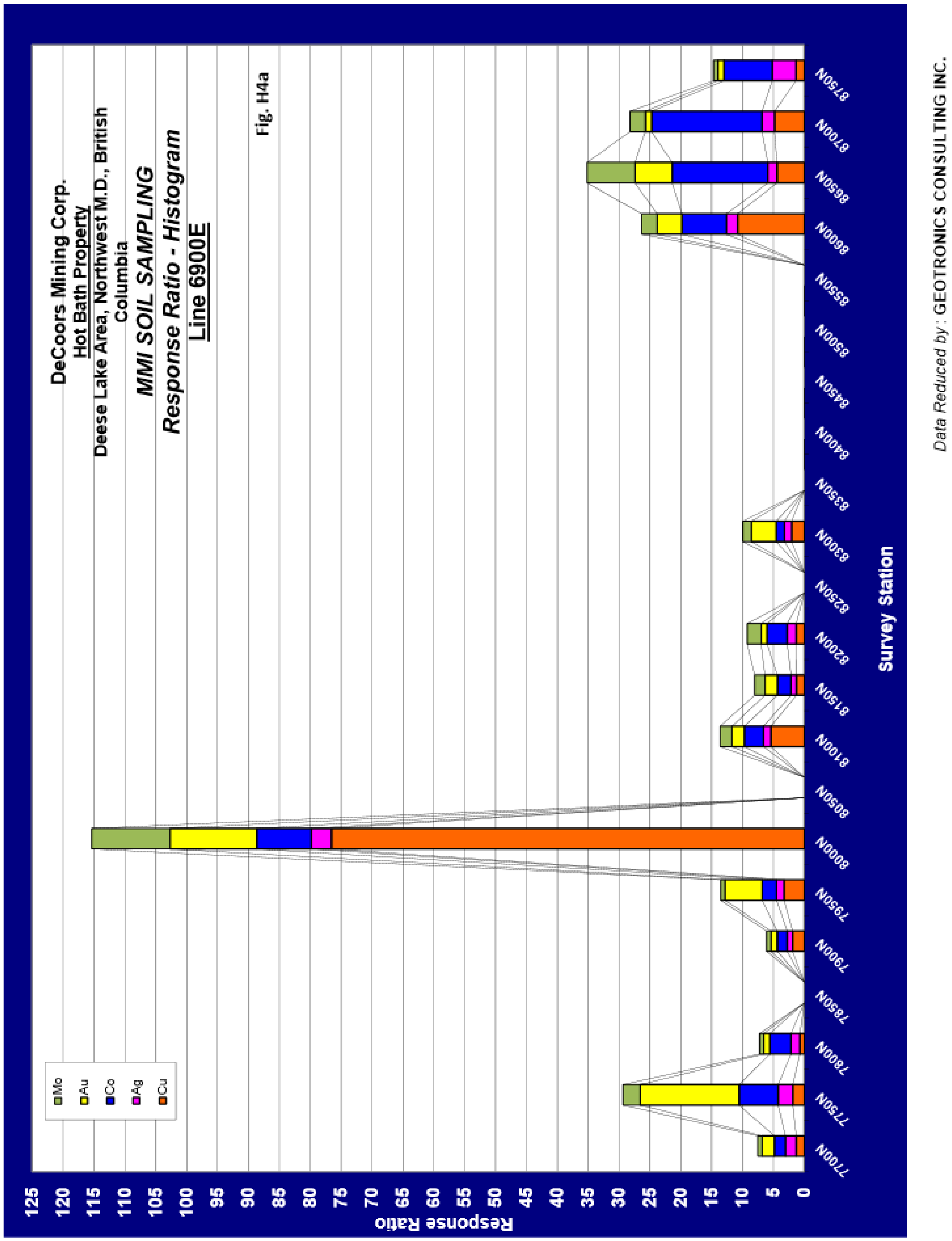

FIGURE 21 MMI HISTOGRAM LINE 6900E, MO,AU, CO, AG, CU

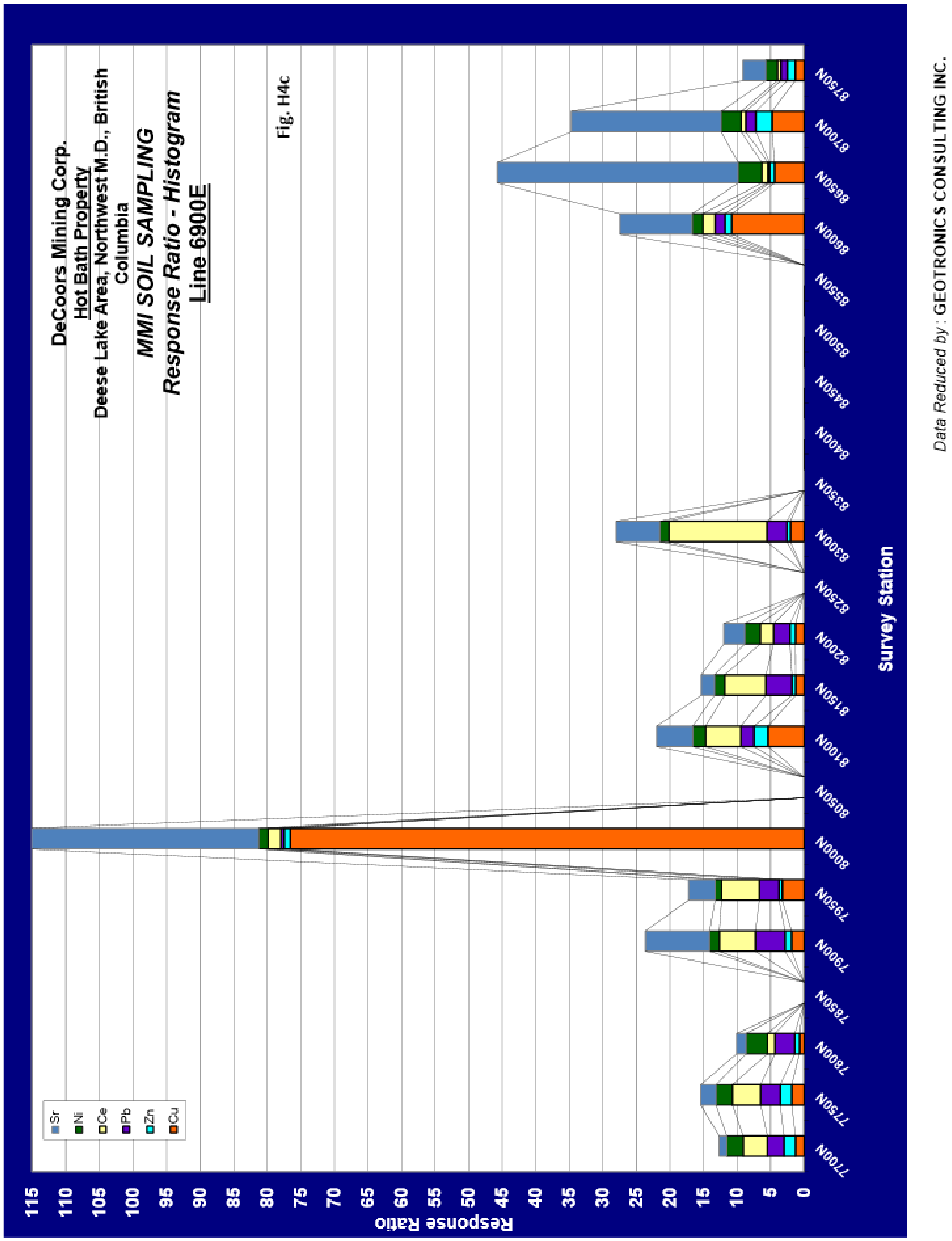

FIGURE 22 MMI HISTOGRAM LINE 6900E, SR, NI, CE, PB, ZN, CU

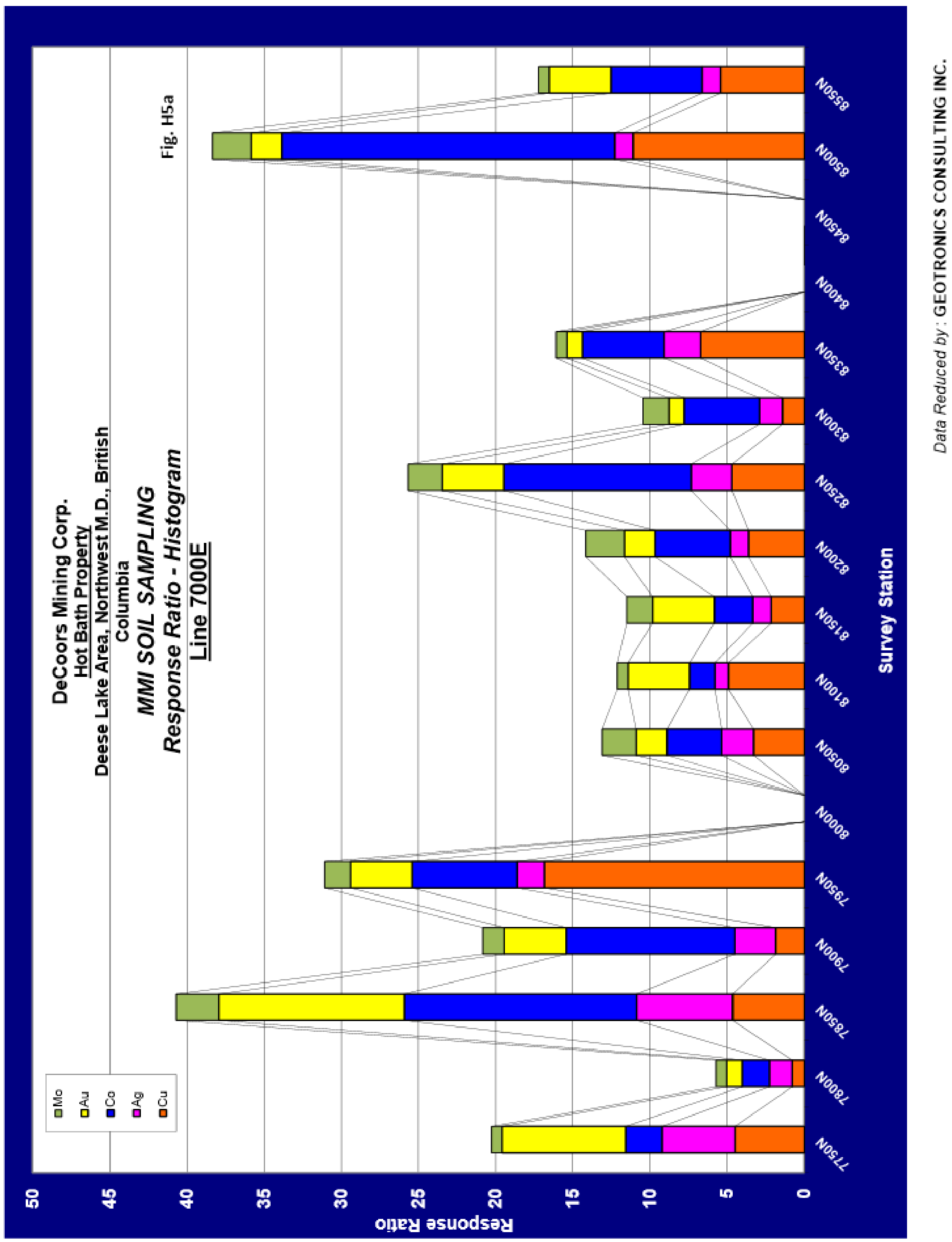

FIGURE 23 MMI HISTOGRAM LINE 7000E, MO, AU, CO, AG, CU

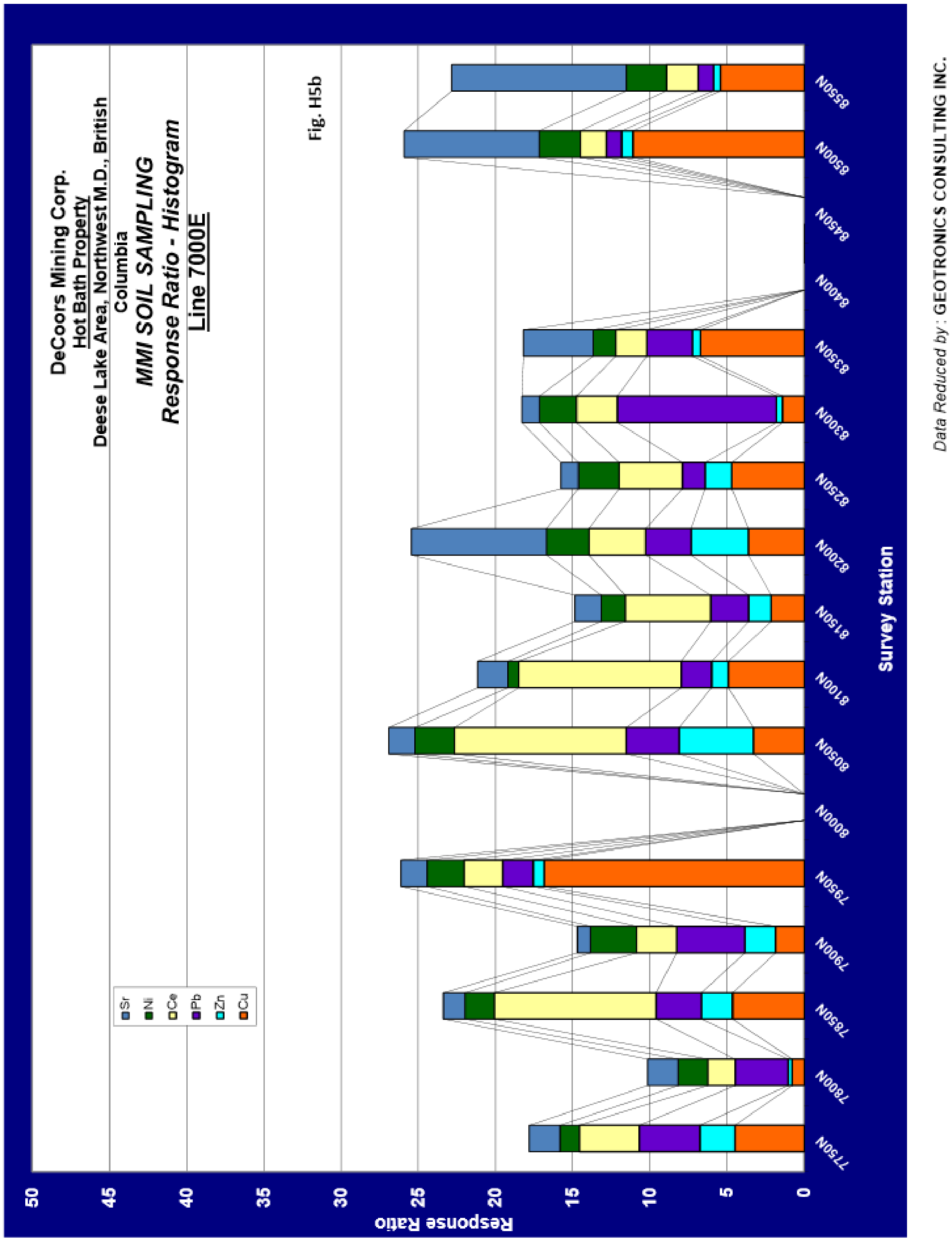

FIGURE 24 MMI HISTOGRAM LINE 7000E, SR, NI, CE, PB, ZN, CU

CONCLUSIONS AND RECOMMENDATIONS

The 2014 sampling program confirmed the existence of high copper and gold values in the Hot Bath area as reported in the BC Geological Survey's Quest program. MMI soil sample of 23500 whereas the mean value is 1361, indicates a strong copper anomaly on the south flank of an interpreted intrusive. Some 250 meters west of this anomaly rock samples exceeding 3% confirm a local copper source with coincident anomalous gold values (Figure 25). The Hot Bath project has very good potential as an exploration target for copper/gold bearing hydrothermal mineralization. As these high values appear to ring an interpreted intrusive the mineralization is potentially associated with a mineralized intrusive.

Further work is recommended in the Hot Bath intrusive area, in the central part of the Hot Bath block, on claim 1025437. As the comparison of the MMI and standard soil analysis results for copper have a direct association a follow-up soil geochemical survey can be executed using standard auger geochemical survey techniques. This method is significantly faster and less expensive than MMI. Geological mapping of the exposed mineralized vein and channel sampling of the outcrop is also recommended. Regional mapping should concentrate on the ring zone of the intrusive with particular attention paid to discovering additional mineralized veins. Assuming the mineralized vein is associated with the intrusive, orientation measurement any newly discovered veins would likely be arranged radially around the intrusive centre. Induced Polarization geophysical surveying is likely to give a good response from the disseminated sulphides associated with the mineralized vein and the porphyry intrusive, if it exists. Additionally, IP has an associated resistivity value that would be useful for geological mapping. IP lines should be run perpendicular to the geological strike. The geological units as mapped by the BCGS are approximately east-west, however the strike of the mineralized vein is northwest. Further mapping will resolve the optimum line direction. Geochemical sampling and geophysical readings can be run on the same grid at 50 meter intervals.

FIGURE 25 PHOTO OF MINERALIZED VEIN AT 466592 EAST AND 6447748 NORTH

Three rock samples from an outcrop (figure 25) 250 meters west of the MMI grid line. These rock samples were taken from steeply dipping foliated gossanous and malachite stained, quartz monzonite. One of these rock samples was analysed by SGS and returned over 3% copper and 3 grams per tonne gold.

FIGURE 26 SCEMATIC MAP OF SIGNIFICANT SAMPLES AND GEOLOGICAL CONTACTS

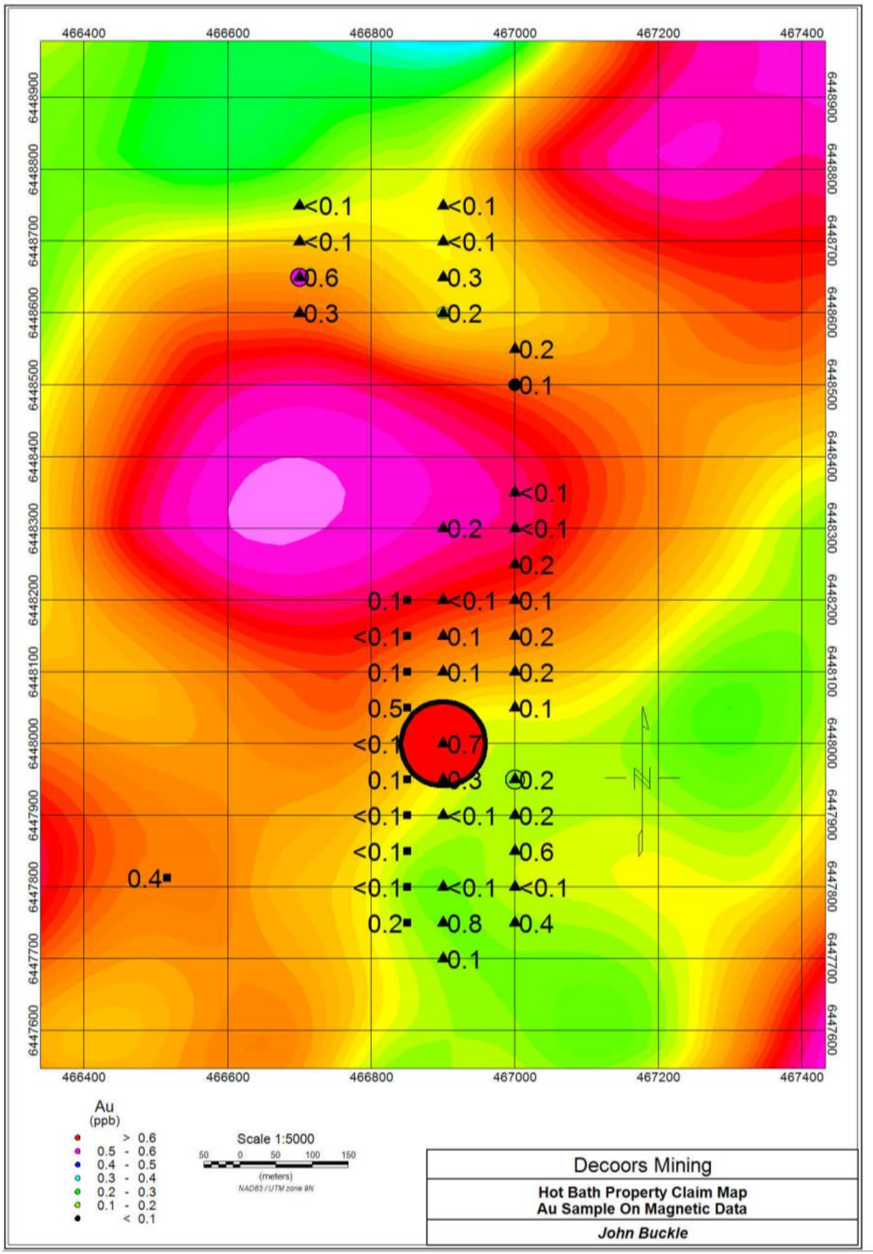

FIGURE 27 GOLD SAMPLE LOCATION ON REGIONAL MAGNETIC DAEA

Figure 27 is a detailed window of magnetic data from the Quest Northwest study with gold values plotted on top. The sample locations correspond with the interpreted ring of intrusive coincident with the circular magnetic and topographic high.

Figure 28 is a simplified drawing of the interpreted ringed intrusives surrounding an intrusive centre indicative of a mineralized porphyry. This interpretation is supported by geological mapping, rock geochemistry that showed high values of copper and the magnetic data that suggests an intrusive underlying the Three Sisters volcanic rocks.

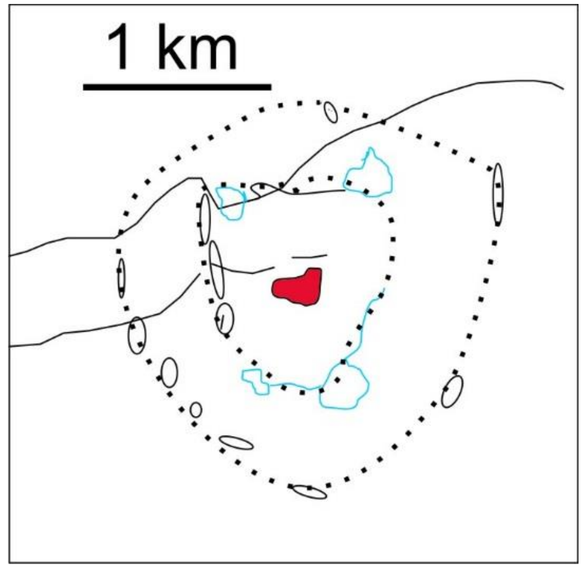

FIGURE 28 CARTOON OF INTERPRETATION OF INTRUSIVE AND RING STRUCTURE

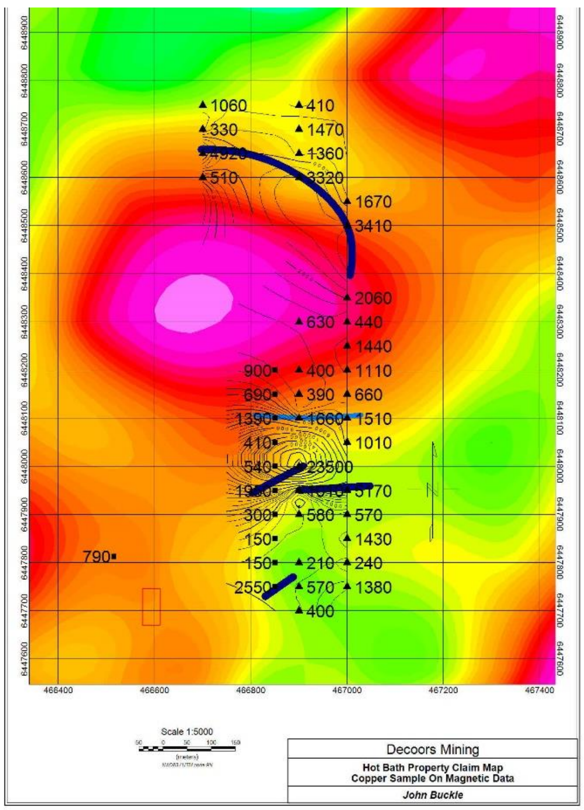

FIGURE 18 INTERPRETATION OF COPPER VALUES ON REGIONAL MAGNETIC DATA

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AUTHOR'S CERTIFICATE

I, JOHN BUCKLE, of the city of Burlington, in the Province of Ontario, do hereby certify that:

I am a Consulting Geoscientist with Geological Solutions. .

I am the author of this report, titled: *Interpretation REPORT ON Mobile metal ion survey on THE HOT BATH PROPERTY Dease Lake AREA, Northwest MINING DIVISION, BRITISH COLUMBIA*
Map 104 I - Liard Mining Division

I further certify that:

1. I am a graduate of York University of Toronto (1980) and hold a B.Sc. degree.
2. I have been practicing my profession for the past 35 years, and have been active in the mining industry for the past 42 years.
3. This report is compiled from data obtained from DeCoors Mining Corp.
4. I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (Geophysics) #31027 and with the Association of Professional Geoscientists of Ontario #0017.

John Buckle, P.Geo.
Geophysicist

June 15th, 2015

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Burlington, Ontario,
L7R 2M3
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APPENDIX A: STATEMENT OF EXPENDITURES

DeCoors Mining Corp.

STATEMENT OF EXPENDITURES

TABLE 5 TABLE OF EXPENDITURES

Field (Geotronics)			
MMI sample collection	4 man crew, 3days @ $2,000/day	$6,000.00	
MMI sample collection	3 man crew, 1 day @ $1,500/day	$1,500.00	
Helicopter	2 trips Dease L. return	$3,750.00	
Sample shipping	Courier cost	$150.00	
Total Field		$11,400.00	$11,400.00
Laboratory (SGS)			
Sample analysis	56 samples @ $42/sample	$2,352.00	$2,352.00
Data reduction (Geotronics)			
Senior geophysicist	25 hours @ $75/hour	$1,875.00	
Geophysical technician	30 hours @ $50/hour	$1,500.00	
		$3,375.00	$3,375.00
Interpretation (Geological Solutions)			
Research, data imaging	4 days @ $700/day	$2,800.00	
Interpretation & report	3 days @ $700/day	$2,100.00	
Total Interpretation		$4,900.00	$4,900.00
			$22,027.00

DETAILS OF EXPENDITURES

GEOLOGICAL SOLUTIONS

Consulting for DeCoors Mining Corp. June 9, 2015 to June 15, 2015:

- Download data, images and reports

- Research of regional and local geology
- Georeference the images and UTM register them in MapInfo for processing in Geosoft
- Create databases of MMI samples
- Data processing, analysis and data map creation
- Data quality review and correction
- Windowing of data to Hot Bath claim block
- Create interpretation maps and images
- Correlation of geophysical, geochemical and geological data
- Co-interpret geophysical, geochemical and geological data
- Report on data and recommendations

Days 7 days @ $700 per day	$4,900
GST (Not included in SOW Cost)	294
	$5,194

Geophysicist:
Geological Solutions
John Buckle, P. Geo, P. Geoph.

AFFIDAVIT OF EXPENSES

MMI soil sampling was carried along five lines totaling 3,900 meters in length, and consisting of 56 samples, within the Hot Bath Property, which occurs just east of the headwaters of the Tanzilla River and is located about 38 km southeast of the village of Dease Lake, B.C, to the value of the following:

FIELD:		
MMI Survey, 4-man crew, 3 days @ $2,000/day	$6,000.00	
MMI Survey, 3-man crew, 1 day @ $1,500/day	$1,500.00	
Helicopter for two trips, Dease Lake return	$3,750.00	
Courier costs for sample shipping	$150.00	
TOTAL	$11,400.00	$11,400.00
LABORATORY:		
Laboratory testing of 56 samples @ $42/sample	$2,352.00	$2,352.00
REPORT and DATA REDUCTION:		
Senior Geophysicist, 25 hours @ $75/hour	$1,875.00	
Geophysical technician, 30 hours @ $50/hour	$1,500.00	
TOTAL	$3,375.00	$3,375.00
GRAND TOTAL		$17,127.00

Respectfully submitted,
Geotronics Consulting Inc.

David G. Mark, P.Geo,
Geophysicist

June 11, 2015

APPENDIX B: ASSAYS

		ANALYTE	WtKg	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga
		METHOD	G_WGH79	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MI
		DETECTION	0.01	1	1	10	0.1	10	1	10	1	5	5	100	0.5	10	1	0.5	0.5	1	
Easting	Northing	UNITS	kg	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb
466700	6448600	L-6700E 8600N	0.62	5	>200	<10	0.3	920	<1	30	5	397	44	<100	9.1	510	53	24.2	8.9	56	
466700	6448650	L-6700E 8650N	0.84	19	92	<10	0.6	1960	<1	180	2	49	50	<100	3.7	4920	11	5.1	3	10	
466700	6448700	L-6700E 8700N	0.535	8	193	<10	<0.1	330	<1	<10	16	129	15	<100	12.6	330	55	28.2	5	35	
466700	6448750	L-6700E 8750N	0.575	7	>200	<10	<0.1	360	<1	<10	6	52	13	<100	7.5	1060	18	8.4	2.2	61	
466900	6447700	L-6900E 7700N	0.495	6	>200	<10	0.1	610	<1	<10	5	205	12	<100	21.4	400	54	26.1	5.5	47	
466900	6447750	L-6900E 7750N	0.57	8	>200	10	0.8	550	<1	<10	5	237	43	<100	11.7	570	40	19.6	6.8	90	
466900	6447800	L-6900E 7800N	0.455	5	>200	<10	<0.1	340	<1	<10	5	65	23	<100	7.6	210	22	12.9	2.8	44	
466900	6447900	L-6900E 7900N	0.635	3	>200	<10	<0.1	870	<1	80	5	304	11	<100	7.8	580	43	24.5	10	51	
466900	6447950	L-6900E 7950N	0.67	4	>200	<10	0.3	930	<1	10	3	320	16	<100	6.8	1010	26	11.3	6.4	31	
466900	6448000	L-6900E 8000N	0.645	11	101	<10	0.7	1620	<1	290	4	109	60	<100	10.6	23500	30	15.2	8.7	11	
466900	6448100	L-6900E 8100N	0.795	4	>200	<10	0.1	1360	<1	30	8	298	21	<100	8.6	1660	27	11.7	7.3	51	
466900	6448150	L-6900E 8150N	0.68	3	>200	<10	0.1	660	<1	20	6	349	15	<100	8.2	390	47	20.9	9.4	33	
466900	6448200	L-6900E 8200N	0.68	5	>200	<10	<0.1	530	<1	10	10	113	22	<100	6.6	400	26	14	4.7	43	
466900	6448300	L-6900E 8300N	0.84	4	199	<10	0.2	1240	<1	40	2	832	9	<100	7.1	630	109	54.5	16.5	29	
466900	6448600	L-6900E 8600N	0.595	6	110	<10	0.2	420	<1	80	11	105	49	<100	7.8	3320	61	36.1	7.3	18	
466900	6448650	L-6900E 8650N	0.795	5	145	<10	0.3	690	<1	310	13	53	105	<100	3.6	1360	11	5.9	2.2	27	
466900	6448700	L-6900E 8700N	0.79	7	147	<10	<0.1	270	<1	150	15	39	121	<100	7.2	1470	14	8.4	1.6	106	
466900	6448750	L-6900E 8750N	0.55	13	195	<10	<0.1	240	<1	<10	5	29	53	<100	1.3	410	10	6.6	0.8	107	
467000	6447750	L-7000E 7750N	0.905	16	>200	<10	0.4	490	<1	<10	15	221	16	<100	10	1380	35	18.5	6.4	40	
467000	6447800	L-7000E 7800N	0.815	5	>200	<10	<0.1	460	<1	<10	3	100	12	<100	8.4	240	17	9.9	3	43	
467000	6447850	L-7000E 7850N	0.885	21	>200	10	0.6	420	<1	10	1	596	102	<100	17	1430	73	36	18	27	
467000	6447900	L-7000E 7900N	0.69	9	188	<10	0.2	360	<1	<10	5	147	74	<100	19	570	69	34.5	4.6	39	
467000	6447950	L-7000E 7950N	0.54	6	131	<10	0.2	240	<1	<10	4	142	46	<100	9.7	5170	86	52.6	9.3	27	
467000	6448050	L-7000E 8050N	0.8	7	>200	<10	0.1	610	<1	<10	7	632	24	<100	12.5	1010	126	54.1	14.3	62	
467000	6448100	L-7000E 8100N	0.775	3	>200	<10	0.2	310	<1	20	2	599	11	<100	5.2	1510	73	35	14.4	20	
467000	6448150	L-7000E 8150N	0.93	4	>200	<10	0.2	740	<1	<10	4	316	17	<100	10.3	660	40	22.8	8.2	34	
467000	6448200	L-7000E 8200N	0.865	4	>200	<10	0.1	1740	<1	40	12	208	33	<100	7.3	1110	33	14.9	7.5	46	
467000	6448250	L-7000E 8250N	0.795	9	>200	<10	0.2	360	<1	<10	8	233	82	<100	8	1440	37	22.4	7.1	40	
467000	6448300	L-7000E 8300N	0.79	5	>200	<10	<0.1	250	<1	<10	4	151	33	<100	8.9	440	49	28.5	4.6	45	
467000	6448350	L-7000E 8350N	1.02	8	198	<10	<0.1	850	<1	60	4	115	36	<100	7.3	2060	32	18.8	4.6	38	
467000	6448500	L-7000E 8500N	0.99	4	>200	<10	0.1	590	<1	70	5	97	146	<100	9.4	3410	22	12.4	4	32	
467000	6448550	L-7000E 8550N	0.785	4	198	<10	0.2	560	<1	110	7	117	40	<100	8.7	1670	48	21.7	6.8	24	
466850	6447750	1256	0.73	13	167	<10	0.2	2560	<1	120	3	636	100	<100	3.6	2550	60	27.5	18.7	27	
466850	6447800	1257	0.865	3	>200	<10	<0.1	270	<1	10	5	242	6	<100	5	150	41	18.9	7.1	27	
466850	6447850	1258	0.47	4	>200	<10	<0.1	380	<1	20	3	302	15	<100	6.7	150	45	21.9	7.8	33	
466850	6447900	1259	0.585	3	195	<10	<0.1	120	<1	<10	15	82	10	<100	4.7	300	38	21.4	4.8	23	
466850	6447950	1260	0.635	8	117	<10	0.1	150	<1	70	5	314	<5	<100	5.7	1950	64	33.4	13.9	13	
466850	6448000	1261	0.625	10	>200	<10	<0.1	120	<1	<10	6	190	8	<100	5.4	540	41	22.9	7.6	22	
466850	6448050	1262	0.62	9	>200	<10	0.5	440	<1	30	3	505	11	<100	6	410	52	24.7	13.7	31	
466850	6448100	1263	1.025	10	172	<10	0.1	2420	<1	80	2	369	<5	<100	5	1390	105	54.9	28.8	10	
466850	6448150	1264	0.805	4	>200	<10	<0.1	240	<1	30	3	284	<5	<100	5.3	690	47	27.9	9.8	17	
466850	6448200	1265	0.77	5	177	<10	0.1	820	<1	110	2	273	5	<100	5.5	900	37	19.9	10.6	11	
466516	6447813	1266	0.95	36	120	<10	0.4	1070	<1	650	3	625	<5	<100	3.2	790	288	175	97.4	7	<1
468550	646800	L - 6800E 8550E	0.749	<2	2.8	6		68	<5	0.47	2		14	23		79.1				4.72	
468600	646800	L - 6800E 8600E	0.588	<2	2.57	9		48	<5	0.2	2		14	25		43				5.79	
468650	646800	L - 6800E 8650E	0.612	<2	2.75	5		115	<5	0.46	2		15	16		99.5				4.36	
468700	646800	L - 6800E 8700E	0.944	<2	3.78	14		151	<5	0.57	3		22	31		70.4				5.71	
468750	646800	L - 6800E 8750E	0.513	<2	3.5	8		99	<5	0.44	2		17	13		94.9				5.12	
467300	646800	L - 6800E 7300E	0.694	<2	3.37	11		137	<5	1.89	2		25	31		245				4.84	
467350	646800	L - 6800E 7350E	0.998	<2	2.62	12		123	<5	1.31	3		24	31		148				6.67	
467750	646800	L - 6800E 7750E	1.087	<2	4.18	12		250	<5	1.29	3		46	84		323				6.1	
467800	646800	L - 6800E 7800E	0.736	<2	2.85	13		134	<5	0.35	3		69	23		88.9				5.83	
467950	646800	L - 6800E 7950E	0.863	<2	3.05	10		176	<5	0.63	2		17	19		81.7				4.25	
468000	646800	L - 6800E 8000E	0.899	<2	3.08	10		149	<5	0.77	2		16	16		105				4.28	
468200	646800	L - 6800E 8200E	0.777	<2	2.36	10		136	<5	0.14	2		16	40		73.6				4.6	
468300	646800	L - 6800E 8300E	0.839	<2	3.12	10		88	<5	0.84	2		28	27		146				4.82	

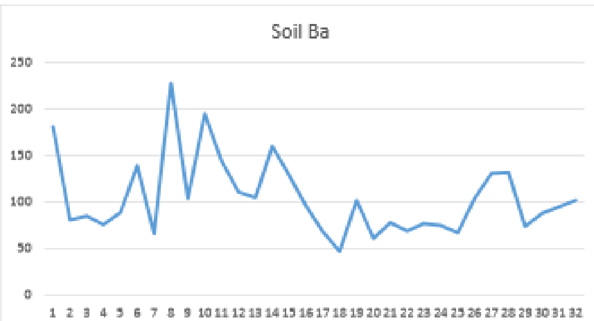
Gd	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn	Sr
GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_	GE_MMI_
1	1	0.5	0.1	1	5	1	10	5	0.5	1	5	0.1	10	1	1	1	5	1	5	1	1	10
ppb	ppb	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
56	<1	<0.5	12.6	159	<5	<1	4100	5	24.8	196	35	1.6	40	2	49	<1	202	<1	36	53	2	160
12	<1	<0.5	10.8	32	<5	2	4220	10	2	43	13	0.5	10	<1	11	<1	88	<1	13	12	<1	1510
33	<1	<0.5	6.8	44	<5	<1	960	7	9.9	84	61	1.2	60	<1	18	<1	84	<1	23	25	<1	50
11	<1	<0.5	5.1	20	<5	<1	480	<5	12.3	29	55	1.9	50	<1	7	<1	76	<1	20	8	<1	90
39	<1	<0.5	5.7	73	<5	<1	760	<5	13	118	51	2	50	1	27	<1	92	<1	18	34	<1	40
40	<1	0.5	10.4	95	<5	3	2090	10	12.7	134	51	18.6	60	<1	33	<1	140	<1	48	39	<1	80
14	<1	<0.5	12	26	<5	1	670	<5	4.9	39	66	2.9	60	<1	9	<1	114	<1	24	11	<1	50
44	<1	<0.5	9.8	134	<5	4	1830	<5	4.7	167	30	6.8	90	<1	40	<1	114	<1	49	44	<1	340
30	<1	<0.5	3.9	119	<5	<1	1050	<5	7.8	135	20	4	60	<1	33	<1	96	<1	29	31	<1	140
37	<1	<0.5	20.1	58	<5	8	6700	46	6	118	29	0.6	10	<1	25	<1	187	<1	16	36	<1	1220
31	<1	<0.5	6	114	<5	3	1240	7	10.3	143	40	4.6	40	<1	35	<1	98	<1	33	34	<1	190
51	<1	<0.5	9.8	134	<5	<1	1260	6	11.8	183	31	2.6	80	1	48	<1	111	<1	42	52	<1	70
22	2	<0.5	11.7	42	<5	2	3080	8	10.3	63	48	11.2	50	<1	15	<1	166	<1	39	20	1	110
115	<1	<0.5	4.4	366	<5	1	1020	5	15.5	490	28	3	60	4	115	<1	126	<1	31	110	1	230
43	<1	<0.5	13.5	54	<5	2	6370	9	4.2	106	33	1.2	30	1	22	<1	131	<1	44	33	<1	380
10	<1	<0.5	17.1	22	<5	7	22000	28	4.3	31	73	1.7	<10	<1	7	<1	98	<1	23	8	<1	1270
10	<1	<0.5	14.2	18	<5	6	8680	9	11.1	25	62	1.2	30	<1	6	<1	102	<1	15	8	<1	790
5	<1	<0.5	127	14	<5	3	580	<5	36	12	36	4.1	20	<1	3	<1	110	<1	13	4	3	120
33	<1	<0.5	5.9	83	<5	<1	1110	<5	6.6	121	26	4.6	80	<1	29	<1	120	<1	32	32	<1	70
14	<1	<0.5	3.1	43	<5	<1	350	<5	5.2	52	40	4.2	70	<1	13	<1	104	<1	21	13	<1	70
95	<1	<0.5	7.5	360	<5	2	3570	10	4.4	442	39	4.9	60	<1	109	<1	144	<1	57	103	<1	50
40	<1	<0.5	7.4	55	<5	<1	6600	5	12.1	88	62	1	90	1	21	<1	174	<1	21	30	<1	30
60	<1	<0.5	5.2	69	<5	<1	7370	6	5.8	140	50	0.5	40	<1	28	<1	109	<1	18	44	<1	60
102	<1	<0.5	8.5	255	<5	1	2110	8	20.4	353	53	1.8	70	<1	86	<1	135	<1	30	98	1	60
76	<1	<0.5	5.2	322	<5	2	2370	<5	8.3	361	14	4.9	40	1	94	<1	69	<1	39	78	<1	70
38	<1	<0.5	9.5	121	<5	1	2200	6	9.4	148	32	9.3	50	<1	36	<1	132	<1	48	38	<1	60
32	1	<0.5	12.7	103	<5	4	2500	9	11.8	121	57	8.7	60	<1	31	<1	134	<1	35	33	<1	310
32	<1	<0.5	9.6	87	<5	<1	12000	8	11.6	108	55	4.1	30	<1	27	<1	148	<1	49	30	<1	40
32	<1	<0.5	4.8	53	<5	<1	1360	6	20.3	89	50	2	210	<1	20	<1	88	<1	18	26	2	40
28	<1	<0.5	5	52	<5	1	10000	<5	10.7	81	30	1.2	60	1	18	<1	91	<1	22	24	<1	160
19	<1	<0.5	7.2	36	<5	2	17700	9	4.4	52	55	4.1	20	1	12	<1	79	<1	31	14	<1	310
31	<1	<0.5	2.9	48	<5	1	3090	<5	3.1	83	54	2.2	20	1	18	<1	66	<1	35	25	<1	400
77	<1	<0.5	7.2	475	<5	12	9890	<5	3.7	378	83	4.6	40	<1	91	<1	100	<1	43	77	<1	570
42	<1	<0.5	4.7	80	<5	1	670	<5	14.9	158	102	2.5	90	<1	32	<1	88	<1	24	41	1	<10
46	<1	<0.5	5.7	111	<5	2	2240	<5	11.1	184	51	2.4	90	<1	39	<1	135	<1	23	45	<1	60
26	<1	<0.5	6	25	<5	<1	150	<5	3.2	69	51	1	100	<1	13	<1	77	<1	22	19	<1	10
73	<1	<0.5	3.8	126	<5	1	230	<5	1.7	276	17	0.4	30	<1	53	<1	99	<1	38	72	<1	70
37	<1	<0.5	2.6	64	<5	<1	200	<5	2.4	144	39	0.8	30	<1	29	<1	64	<1	23	34	<1	<10
64	<1	<0.5	4.1	222	<5	1	400	5	3.2	294	17	3.3	50	<1	65	<1	85	<1	38	67	<1	90
114	<1	<0.5	4.6	387	<5	3	530	<5	2.8	437	33	1.2	50	<1	97	<1	94	<1	58	101	<1	390
43	<1	<0.5	7.8	103	<5	<1	250	<5	2.6	158	26	1.4	50	<1	34	<1	57	<1	33	39	<1	50
42	<1	<0.5	13.6	170	<5	6	780	<5	2.9	179	10	1.3	50	<1	40	<1	74	<1	34	41	<1	500
350	<1	<0.5	5	817	<5	36	380	<5	<0.5	1190	21	<0.1	<10	<1	226	<1	56	<1	99	301	<1	2190
	<1		0.04	16	10	0.63	529	5			17	0.09	9					<5	3.1		<10	64
	<1		0.04	16.2	7	0.48	525	4			12	0.07	12					<5	3.1		<10	43
	<1		0.05	12.7	11	0.75	763	4			14	0.1	5					<5	3.5		<10	87
	<1		0.06	13.8	15	0.98	810	3			32	0.09	9					<5	5.3		<10	92
	<1		0.05	10.8	11	0.89	850	1			13	0.11	4					<5	5		<10	78
	<1		0.08	16	14	1.27	1490	<1			23	0.14	6					<5	8.9		<10	190
	<1		0.07	17.9	13	1.03	1220	1			26	0.16	7					<5	7.9		<10	159
	<1		0.14	17.6	17	2.09	1550	1			47	0.12	8					<5	9.1		<10	347
	<1		0.08	28.4	13	0.74	1260	6			25	0.1	11					<5	2.8		<10	48
	<1		0.09	15.2	16	1.01	943	<1			22	0.1	6					<5	4.6		<10	84
	<1		0.08	14.4	14	0.91	776	<1			16	0.11	4					<5	4		<10	95
	<1		0.08	12	17	0.97	718	2			42	0.06	7					<5	3.5		<10	25
	<1		0.07	13.7	10	1.12	753	2			36	0.11	5					<5	5.4		<10	120

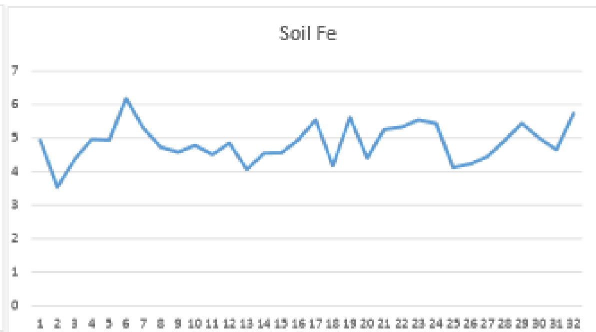
Ta	Tb	Te	Th	Ti	Tl	U	W	Y	Yb	Zn	Zr				
GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M				
1	1	10	0.5	3	0.5	1	1	1	1	20	5				
ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb				
2	9	20	41	1700	<0.5	24	<1	214	17	300	1260				
<1	2	<10	16.2	149	<0.5	94	<1	49	4	60	189				
<1	7	20	12.3	550	<0.5	17	<1	231	20	220	369				
<1	2	10	10.5	697	<0.5	10	<1	76	7	260	256				
<1	8	<10	23.5	405	<0.5	23	<1	222	19	190	719				
<1	6	<10	84.8	1580	<0.5	64	<1	170	16	190	377				
<1	3	<10	11.5	577	<0.5	12	<1	121	11	80	140				
<1	7	<10	48.8	441	<0.5	39	<1	229	22	110	163				
<1	4	<10	50	779	<0.5	34	<1	104	9	50	359				
<1	5	<10	33	228	<0.5	209	<1	166	13	100	411				
<1	5	<10	50.7	992	<0.5	46	<1	119	9	230	305				
<1	8	<10	44.4	1070	<0.5	29	<1	204	17	60	859				
<1	4	<10	43.5	1310	<0.5	36	<1	125	11	90	231				
<1	18	<10	68.3	633	<0.5	46	<1	526	39	60	1600				
<1	8	<10	10.5	331	<0.5	60	<1	342	24	110	210				
<1	2	<10	8.6	348	<0.5	159	<1	60	5	80	129				
<1	2	<10	8.5	639	<0.5	19	<1	77	6	270	179				
2	1	<10	8.2	1450	<0.5	9	<1	42	6	130	290				
<1	5	<10	43.2	691	<0.5	37	<1	170	15	250	357				
<1	2	<10	25.1	661	<0.5	16	<1	90	8	30	149				
<1	12	<10	92	1160	<0.5	75	1	395	32	220	224				
<1	8	<10	34.5	337	0.6	70	<1	325	26	220	949				
<1	12	<10	23	217	<0.5	114	<1	494	38	80	541				
1	20	<10	49.7	722	<0.5	57	<1	494	39	530	1330				
<1	11	<10	72.1	496	<0.5	65	<1	380	28	120	795				
<1	6	<10	94	1010	<0.5	80	<1	200	20	160	407				
<1	5	<10	53.2	1020	<0.5	36	<1	138	12	410	600				
<1	6	<10	48.5	1270	<0.5	47	<1	180	20	190	439				
1	7	<10	32	483	<0.5	27	<1	196	18	40	669				
<1	4	<10	28.2	402	<0.5	21	<1	163	14	60	424				
<1	3	<10	20.2	422	<0.5	27	<1	114	10	80	245				
<1	6	<10	17	323	<0.5	39	<1	240	16	50	184				
<1	10	<10	35.4	447	<0.5	53	<1	311	21	50	190				
1	6	<10	23.1	589	<0.5	16	<1	175	14	70	572				
<1	7	<10	25.8	806	<0.5	19	<1	211	17	70	463				
<1	5	<10	6.1	88	<0.5	21	<1	196	17	60	71				
<1	11	<10	17.4	134	<0.5	34	<1	336	25	80	279				
<1	6	<10	8.3	267	<0.5	17	<1	225	18	30	89				
<1	9	<10	57	775	<0.5	53	<1	248	19	20	99				
<1	16	<10	58.4	335	<0.5	73	<1	567	44	30	223	Be	Na	S	V
<1	7	<10	23.6	500	<0.5	36	<1	266	24	30	72	GE ICP14B	GE ICP14B	GE ICP14B	GE_ICP14B
<1	6	<10	61.5	421	<0.5	49	<1	188	16	30	147	0.5	0.01	0.01	1
<1	45	<10	102	<3	<0.5	138	<1	2090	139	50	14	ppm	%	%	ppm
				0.16			<10	10.3		68	10.9	1.3	0.02	0.09	113
				0.28			<10	5.4		64	16.5	0.8	0.02	0.05	129
				0.12			<10	9.9		79	4.6	1.1	0.02	0.08	117
				0.2			<10	8.2		108	14	1.4	0.03	0.03	125
				0.11			<10	7		72	3.3	1	0.02	0.05	133
				0.05			<10	17.9		82	4.6	0.8	0.01	0.01	116
				0.11			<10	18		80	6.8	0.7	0.02	0.02	218
				0.26			<10	14.3		96	7	1.3	0.02	0.04	177
				0.15			<10	16.7		74	9.2	2.1	0.02	0.08	66
				0.13			<10	10.3		62	10	1.1	0.02	0.02	92
				0.12			<10	9.1		51	6.2	1.1	0.02	0.03	95
				0.11			<10	5.9		62	2.2	0.7	0.02	0.04	85
				0.18			<10	9.3		76	8.6	0.8	0.04	0.04	117

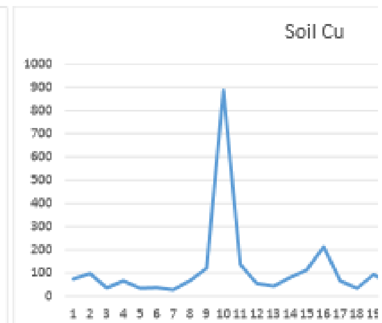
APPENDIX C: COMPARISON OF MMI AND STANDARD SOIL ICP VALUES

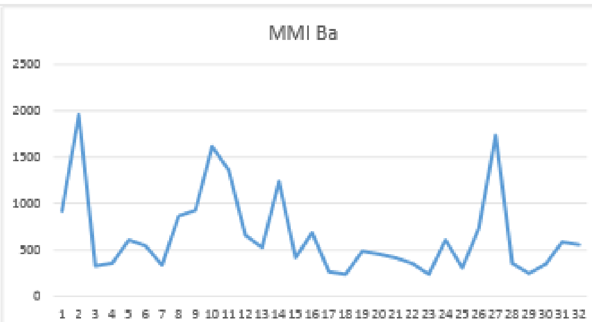
Standard Soil																			
		ANALYTE	WtKg	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Li
		METHOD	G_WGH79	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
		DETECTION	0.01	2	0.01	3	5	0.5	5	0.01	1	1	1	0.5	0.01	1	0.01	0.5	1
		UNITS	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	ppm
466700	6448600	L-6700E 86	0.513	<2	3.58	10	181	1.4	<5	0.42	2	19	28	74.1	4.93	<1	0.07	16.7	16
466700	6448650	L-6700E 86	0.782	<2	1.6	3	81	<0.5	<5	0.62	1	14	6	97.9	3.53	<1	0.04	7.6	6
466700	6448700	L-6700E 87	0.476	<2	3.67	12	85	1.8	<5	0.18	2	14	25	35.8	4.37	<1	0.06	21.7	10
466700	6448750	L-6700E 87	0.526	<2	3.66	10	76	1	<5	0.22	2	12	25	65.9	4.96	<1	0.04	13.7	10
466900	6447700	L-6900E 77	0.437	<2	2.99	12	89	2.3	<5	0.37	2	18	27	34.3	4.93	<1	0.06	26.3	8
466900	6447750	L-6900E 77	0.518	<2	2.61	20	139	0.6	<5	0.4	3	17	32	37	6.18	<1	0.56	26.9	13
466900	6447800	L-6900E 78	0.398	<2	3.41	9	66	1.1	<5	0.21	2	19	41	27.9	5.29	<1	0.05	17.2	8
466900	6447900	L-6900E 79	0.583	<2	3.89	8	228	1.2	<5	0.68	2	13	14	66.8	4.73	<1	0.09	14.4	17
466900	6447950	L-6900E 79	0.611	<2	3.53	9	104	1	<5	0.56	2	20	18	122	4.58	<1	0.06	15.2	14
466900	6448000	L-6900E 80	0.581	<2	3.64	10	195	2.4	<5	0.72	2	18	24	887	4.78	<1	0.09	29.8	18
466900	6448100	L-6900E 81	0.733	<2	2.94	9	144	1.1	<5	0.37	2	22	22	137	4.51	<1	0.06	16.2	14
466900	6448150	L-6900E 81	0.573	<2	3.66	9	111	1.6	<5	0.53	2	19	27	54.9	4.85	<1	0.06	18.2	14
466900	6448200	L-6900E 82	0.619	<2	1.84	8	105	0.6	<5	0.13	2	14	41	42.8	4.07	<1	0.07	9	8
466900	6448300	L-6900E 83	0.768	<2	2.75	10	160	1.8	<5	0.33	2	18	19	80.5	4.55	<1	0.1	19.9	16
466900	6448600	L-6900E 86	0.545	<2	2.53	8	129	0.9	<5	0.91	2	19	15	114	4.56	<1	0.05	10.9	11
466900	6448650	L-6900E 86	0.736	<2	3.96	13	96	2	<5	0.66	2	22	27	212	4.95	<1	0.07	22.1	13
466900	6448700	L-6900E 87	0.742	<2	3.09	11	68	1.8	<5	0.92	3	18	28	65.9	5.54	<1	0.06	19.7	12
466900	6448750	L-6900E 87	0.496	<2	1.83	9	47	0.6	<5	0.09	2	10	23	34.7	4.17	<1	0.11	17.9	4
467000	6447750	L-7000E 77	0.85	<2	3.06	10	102	0.9	<5	0.5	3	20	23	93.8	5.62	<1	0.21	16.9	15
467000	6447800	L-7000E 78	0.763	<2	2.96	8	61	0.8	<5	0.29	2	15	17	48.1	4.41	<1	0.05	10.9	14
467000	6447850	L-7000E 78	0.831	<2	2.52	12	78	1	<5	0.45	2	29	16	140	5.26	<1	0.23	17.7	13
467000	6447900	L-7000E 79	0.637	<2	3.59	16	69	2.7	<5	0.24	2	17	33	31.3	5.33	<1	0.09	28.1	11
467000	6447950	L-7000E 79	0.486	<2	4.21	14	77	3.1	<5	0.37	2	26	35	160	5.54	<1	0.06	27.9	12
467000	6448050	L-7000E 80	0.745	<2	3.22	12	75	2.3	<5	0.35	2	18	26	60.6	5.44	<1	0.06	27.8	14
467000	6448100	L-7000E 81	0.722	<2	2.86	10	67	1.5	<5	0.3	2	20	39	146	4.12	<1	0.06	17.2	12
467000	6448150	L-7000E 81	0.876	<2	2.66	9	104	0.9	<5	0.36	2	17	18	70.9	4.23	<1	0.07	15	12
467000	6448200	L-7000E 82	0.814	<2	2.99	9	131	1	<5	0.73	2	16	13	98.9	4.45	<1	0.08	13.1	12
467000	6448250	L-7000E 82	0.734	<2	3.02	8	132	1.3	<5	0.22	2	23	38	95.5	4.93	<1	0.07	18.2	10
467000	6448300	L-7000E 83	0.679	<2	2.81	12	74	2.2	<5	0.16	2	10	19	35.6	5.44	<1	0.07	20.4	13
467000	6448350	L-7000E 83	0.96	<2	2.98	9	88	1.9	<5	0.32	2	18	22	112	5	<1	0.05	17.1	13
467000	6448500	L-7000E 85	0.93	<2	2.13	6	95	0.7	<5	0.43	2	19	19	138	4.65	<1	0.05	10.2	10
467000	6448550	L-7000E 85	0.678	<2	2.57	8	102	1	<5	0.43	3	26	24	99.7	5.73	<1	0.04	12.9	12
MMI																			
		ANALYTE	WtKg	Ag	Al	As	Ba		Bi	Ca	Cd	Co	Cr	Cu	Fe	Hg	K	La	Li
		METHOD	G_WGH79	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M		GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
		DETECTION	0.01	1	1	10	10		1	10	1	5	100	10	1	1	0.1	1	5
Easting	Northing	UNITS	kg	ppb	ppm	ppb	ppb		ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppm	ppb	ppb
466700	6448600	L-6700E 86	0.62	5	>200	<10	920		<1	30	5	44	<100	510	56	<1	12.6	159	<5
466700	6448650	L-6700E 86	0.84	19	92	<10	1960		<1	180	2	50	<100	4920	10	<1	10.8	32	<5
466700	6448700	L-6700E 87	0.535	8	193	<10	330		<1	<10	16	15	<100	330	35	<1	6.8	44	<5
466700	6448750	L-6700E 87	0.575	7	>200	<10	360		<1	<10	6	13	<100	1060	61	<1	5.1	20	<5
466900	6447700	L-6900E 77	0.495	6	>200	<10	610		<1	<10	5	12	<100	400	47	<1	5.7	73	<5
466900	6447750	L-6900E 77	0.57	8	>200	10	550		<1	<10	5	43	<100	570	90	<1	10.4	95	<5
466900	6447800	L-6900E 78	0.455	5	>200	<10	340		<1	<10	5	23	<100	210	44	<1	12	26	<5
466900	6447900	L-6900E 79	0.635	3	>200	<10	870		<1	80	5	11	<100	580	51	<1	9.8	134	<5
466900	6447950	L-6900E 79	0.67	4	>200	<10	930		<1	10	3	16	<100	1010	31	<1	3.9	119	<5
466900	6448000	L-6900E 80	0.645	11	101	<10	1620		<1	290	4	60	<100	23500	11	<1	20.1	58	<5
466900	6448100	L-6900E 81	0.795	4	>200	<10	1360		<1	30	8	21	<100	1660	51	<1	6	114	<5

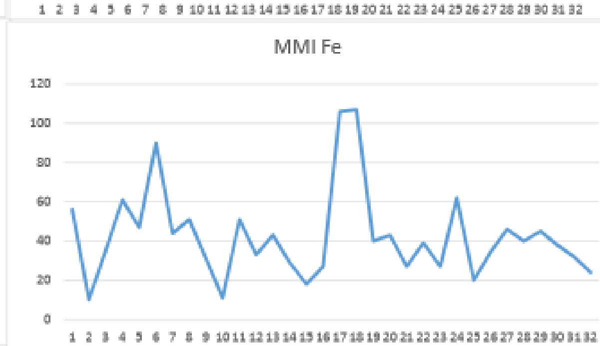
466900	6448150	L-6900E 81	0.68	3	>200	<10	660		<1	20	6	15	<100	390	33	<1	9.8	134	<5
466900	6448200	L-6900E 82	0.68	5	>200	<10	530		<1	10	10	22	<100	400	43	2	11.7	42	<5
466900	6448300	L-6900E 83	0.84	4	199	<10	1240		<1	40	2	9	<100	630	29	<1	4.4	366	<5
466900	6448600	L-6900E 86	0.595	6	110	<10	420		<1	80	11	49	<100	3320	18	<1	13.5	54	<5
466900	6448650	L-6900E 86	0.795	5	145	<10	690		<1	310	13	105	<100	1360	27	<1	17.1	22	<5
466900	6448700	L-6900E 87	0.79	7	147	<10	270		<1	150	15	121	<100	1470	106	<1	14.2	18	<5
466900	6448750	L-6900E 87	0.55	13	195	<10	240		<1	<10	5	53	<100	410	107	<1	127	14	<5
467000	6447750	L-7000E 77	0.905	16	>200	<10	490		<1	<10	15	16	<100	1380	40	<1	5.9	83	<5
467000	6447800	L-7000E 78	0.815	5	>200	<10	460		<1	<10	3	12	<100	240	43	<1	3.1	43	<5
467000	6447850	L-7000E 78	0.885	21	>200	10	420		<1	10	1	102	<100	1430	27	<1	7.5	360	<5
467000	6447900	L-7000E 79	0.69	9	188	<10	360		<1	<10	5	74	<100	570	39	<1	7.4	55	<5
467000	6447950	L-7000E 79	0.54	6	131	<10	240		<1	<10	4	46	<100	5170	27	<1	5.2	69	<5
467000	6448050	L-7000E 80	0.8	7	>200	<10	610		<1	<10	7	24	<100	1010	62	<1	8.5	255	<5
467000	6448100	L-7000E 81	0.775	3	>200	<10	310		<1	20	2	11	<100	1510	20	<1	5.2	322	<5
467000	6448150	L-7000E 81	0.93	4	>200	<10	740		<1	<10	4	17	<100	660	34	<1	9.5	121	<5
467000	6448200	L-7000E 82	0.865	4	>200	<10	1740		<1	40	12	33	<100	1110	46	1	12.7	103	<5
467000	6448250	L-7000E 82	0.795	9	>200	<10	360		<1	<10	8	82	<100	1440	40	<1	9.6	87	<5
467000	6448300	L-7000E 83	0.79	5	>200	<10	250		<1	<10	4	33	<100	440	45	<1	4.8	53	<5
467000	6448350	L-7000E 83	1.02	8	198	<10	350		<1	60	4	36	<100	2060	38	<1	5	52	<5
467000	6448500	L-7000E 85	0.99	4	>200	<10	590		<1	70	5	146	<100	3410	32	<1	7.2	36	<5
467000	6448550	L-7000E 85	0.785	4	198	<10	560		<1	110	7	40	<100	1670	24	<1	2.9	48	<5

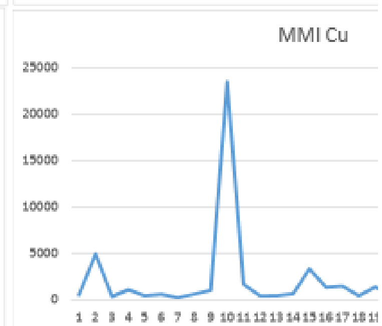












Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sn	Sr	Ti	V	W	Y	Zn
GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
0.01	2	1	0.01	1	0.01	2	0.01	5	0.5	10	5	0.01	1	10	0.5	1
%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
0.95	806	2	0.02	37	0.08	7	0.03	<5	4.7	<10	87	0.13	108	<10	10.3	126
0.73	504	<1	0.02	5	0.11	3	<0.01	<5	3.6	<10	94	0.08	122	<10	5.7	37
0.64	631	3	0.02	26	0.09	7	0.06	<5	2.7	<10	26	0.2	57	<10	10.7	97
0.53	474	2	0.02	21	0.08	6	0.05	<5	2.5	<10	44	0.19	94	<10	5.6	80
0.99	841	3	0.04	46	0.1	7	0.07	<5	2.6	<10	16	0.26	53	<10	11.5	96
1.87	1080	2	0.02	13	0.22	8	0.05	<5	8.7	<10	23	0.39	147	<10	23.4	98
0.67	631	3	0.02	35	0.09	7	0.07	<5	3.1	<10	16	0.29	78	<10	6.8	63
0.86	1200	2	0.02	12	0.1	8	0.06	<5	4.2	<10	146	0.04	81	<10	11	80
0.9	844	2	0.02	24	0.09	7	0.03	<5	3.5	<10	82	0.13	87	<10	8.2	66
0.86	1140	7	0.02	29	0.08	9	0.06	<5	5.8	<10	90	0.17	82	<10	28.4	97
1.09	941	1	0.02	30	0.09	6	0.04	<5	3.8	<10	47	0.17	81	<10	8.4	95
0.87	796	2	0.02	29	0.08	8	0.04	<5	4.1	<10	66	0.19	85	<10	10	62
0.41	838	4	0.02	24	0.09	7	0.08	<5	2.1	<10	33	0.22	98	<10	4.5	58
0.95	803	2	0.03	21	0.08	8	0.04	<5	3.8	<10	56	0.17	84	<10	13	67
0.73	1600	5	0.02	12	0.11	16	0.1	<5	3	<10	109	0.11	133	<10	8.8	78
0.75	1160	5	0.03	24	0.15	9	0.1	<5	5.7	<10	78	0.19	96	<10	17.9	110
0.97	604	2	0.02	36	0.1	12	0.06	<5	3.9	<10	86	0.24	108	<10	11.7	81
0.24	350	4	0.01	7	0.07	13	0.06	<5	1.5	<10	26	0.27	94	<10	4.1	52
1.32	1100	2	0.03	21	0.14	9	0.04	<5	5.6	<10	64	0.21	116	<10	10.7	140
0.78	619	2	0.01	12	0.08	7	0.05	<5	2.9	<10	38	0.11	96	<10	6	67
1.51	1410	2	0.01	14	0.13	7	0.01	<5	5.7	<10	38	0.19	105	<10	13.6	108
0.83	946	4	0.04	41	0.1	11	0.07	<5	2.8	<10	12	0.24	54	<10	16.4	116
1.46	1030	3	0.04	62	0.11	6	0.07	<5	3.7	<10	22	0.32	73	<10	20.9	92
0.97	1010	4	0.03	42	0.08	16	0.05	<5	3.1	<10	32	0.21	84	<10	14.2	126
1.14	1600	3	0.04	31	0.12	7	0.03	<5	2.8	<10	49	0.11	71	<10	11.2	89
0.92	1090	1	0.02	17	0.12	7	0.05	<5	2.7	<10	54	0.14	86	<10	8.9	84
0.75	793	2	0.02	15	0.11	7	0.04	<5	3.3	<10	143	0.11	90	<10	9.1	60
0.89	1600	2	0.02	35	0.11	8	0.07	<5	3.4	<10	41	0.22	79	<10	9.7	107
0.4	706	4	0.04	14	0.07	13	0.05	<5	1.9	<10	26	0.19	53	<10	8.7	71
0.86	928	2	0.03	30	0.06	9	0.07	<5	3.4	<10	46	0.18	77	<10	10.5	78
0.72	928	3	0.03	19	0.11	7	0.11	<5	2.4	<10	67	0.17	115	<10	6.5	70
1.03	1160	3	0.02	25	0.11	9	0.13	<5	3.6	<10	51	0.21	159	<10	9.9	99
Mg	Mn	Mo		Ni	P	Pb		Sb	Sc	Sn	Sr	Ti		W	Y	Zn
GE_MMI_M	GE_MMI_M	GE_MMI_M		GE_MMI_M	GE_MMI_M	GE_MMI_M		GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M		GE_MMI_M	GE_MMI_M	GE_MMI_M
1	10	5		5	0.1	10		1	5	1	10	3		1	1	20
ppm	ppb	ppb		ppb	ppm	ppb		ppb	ppb	ppb	ppb	ppb		ppb	ppb	ppb
<1	4100	5		35	1.6	40		<1	36	2	160	1700		<1	214	300
2	4220	10		13	0.5	10		<1	13	<1	1510	149		<1	49	60
<1	960	7		61	1.2	60		<1	23	<1	50	550		<1	231	220
<1	480	<5		55	1.9	50		<1	20	<1	90	697		<1	76	260
<1	760	<5		51	2	50		<1	18	<1	40	405		<1	222	190
3	2090	10		51	18.6	60		<1	48	<1	80	1580		<1	170	190
1	670	<5		66	2.9	60		<1	24	<1	50	577		<1	121	80
4	1830	<5		30	6.8	90		<1	49	<1	340	441		<1	229	110
<1	1050	<5		20	4	60		<1	29	<1	140	779		<1	104	50
8	6700	46		29	0.6	10		<1	16	<1	1220	228		<1	166	100
3	1240	7		40	4.6	40		<1	33	<1	190	992		<1	119	230

<1	1260	6		31	2.6	80		<1	42	<1	70	1070		<1	204	60
2	3080	8		48	11.2	50		<1	39	1	110	1310		<1	125	90
1	1020	5		28	3	60		<1	31	1	230	633		<1	526	60
2	6370	9		33	1.2	30		<1	44	<1	380	331		<1	342	110
7	22000	28		73	1.7	<10		<1	23	<1	1270	348		<1	60	80
6	8680	9		62	1.2	30		<1	15	<1	790	639		<1	77	270
3	580	<5		36	4.1	20		<1	13	3	120	1450		<1	42	130
<1	1110	<5		26	4.6	80		<1	32	<1	70	691		<1	170	250
<1	350	<5		40	4.2	70		<1	21	<1	70	661		<1	90	30
2	3570	10		39	4.9	60		<1	57	<1	50	1160		1	395	220
<1	6600	5		62	1	90		<1	21	<1	30	337		<1	325	220
<1	7370	6		50	0.5	40		<1	18	<1	60	217		<1	494	80
1	2110	8		53	1.8	70		<1	30	1	60	722		<1	494	530
2	2370	<5		14	4.9	40		<1	39	<1	70	496		<1	380	120
1	2200	6		32	9.3	50		<1	48	<1	60	1010		<1	200	160
4	2500	9		57	8.7	60		<1	35	<1	310	1020		<1	138	410
<1	12000	8		55	4.1	30		<1	49	<1	40	1270		<1	180	190
<1	1360	6		50	2	210		<1	18	2	40	483		<1	196	40
1	10000	<5		30	1.2	60		<1	22	<1	160	402		<1	163	60
2	17700	9		55	4.1	20		<1	31	<1	310	422		<1	114	80
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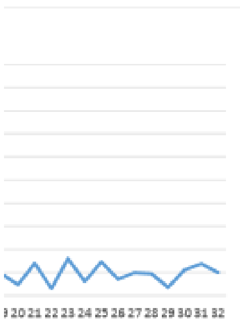

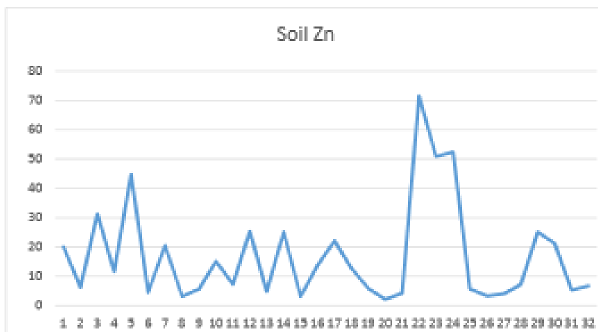

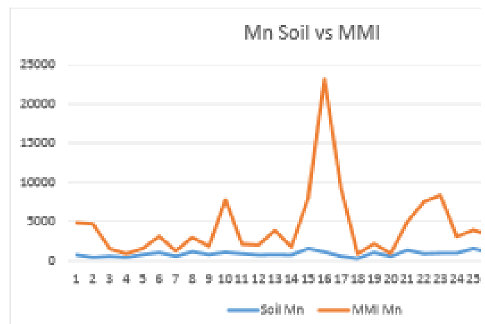

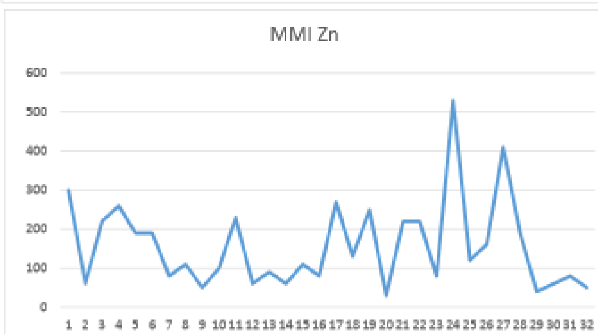

ANALYSIS CERTIFICATES

MMI ANALYSIS CERTIFICATES

SGS

Certificate of Analysis

Work Order : VC142292

[Report File No.: 0000008109]

To: **DAVID MARK**
GEOTRONICS CONSULTING INC.
6204-125th ST
SURREY BC V3X 2E1

Date: Aug 01, 2014

P.O. No.	:	HOT BATH L-6700E, 8600N to 8750N
Project No.	:	-
No. Of Samples	:	32
Date Submitted	:	Jul 17, 2014
Report Comprises	:	Pages 1 to 8 (Inclusive of Cover Sheet)

Distribution of unused material:
Active files:

Certified By : ____________________
John Chiang
QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

SGS

Final : VC142292 Order: HOT BATH L-6700E, 8600N to 8750N

Report File No.: 0000008109

Element	WtKg	Ag	Al	As	Au	Ba	Bi	Ca
Method	G_WGH79	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.01	1	1	10	0.1	10	1	10
Units	kg	ppb	ppm	ppb	ppb	ppb	ppb	ppm
L-6700E 8600N	0.620	5	>200	<10	0.3	920	<1	30
L-6700E 8650N	0.840	19	92	<10	0.6	1960	<1	180
L-6700E 8700N	0.535	8	193	<10	<0.1	330	<1	<10
L-6700E 8750N	0.575	7	>200	<10	<0.1	360	<1	<10
L-6900E 7700N	0.495	6	>200	<10	0.1	610	<1	<10
L-6900E 7750N	0.570	8	>200	10	0.8	550	<1	<10
L-6900E 7800N	0.455	5	>200	<10	<0.1	340	<1	<10
L-6900E 7900N	0.635	3	>200	<10	<0.1	870	<1	80
L-6900E 7950N	0.670	4	>200	<10	0.3	930	<1	10
L-6900E 8000N	0.645	11	101	<10	0.7	1620	<1	290
L-6900E 8100N	0.795	4	>200	<10	0.1	1360	<1	30
L-6900E 8150N	0.680	3	>200	<10	0.1	660	<1	20
L-6900E 8200N	0.680	5	>200	<10	<0.1	530	<1	10
L-6900E 8300N	0.840	4	199	<10	0.2	1240	<1	40
L-6900E 8600N	0.595	6	110	<10	0.2	420	<1	80
L-6900E 8650N	0.795	5	145	<10	0.3	690	<1	310
L-6900E 8700N	0.790	7	147	<10	<0.1	270	<1	150
L-6900E 8750N	0.550	13	195	<10	<0.1	240	<1	<10
L-7000E 7750N	0.905	16	>200	<10	0.4	490	<1	<10
L-7000E 7800N	0.815	5	>200	<10	<0.1	460	<1	<10
L-7000E 7850N	0.885	21	>200	10	0.6	420	<1	10
L-7000E 7900N	0.690	9	188	<10	0.2	360	<1	<10
L-7000E 7950N	0.540	6	131	<10	0.2	240	<1	<10
L-7000E 8050N	0.800	7	>200	<10	0.1	610	<1	<10
L-7000E 8100N	0.775	3	>200	<10	0.2	310	<1	20
L-7000E 8150N	0.930	4	>200	<10	0.2	740	<1	<10
L-7000E 8200N	0.865	4	>200	<10	0.1	1740	<1	40
L-7000E 8250N	0.795	9	>200	<10	0.2	360	<1	<10
L-7000E 8300N	0.790	5	>200	<10	<0.1	250	<1	<10
L-7000E 8350N	1.020	8	198	<10	<0.1	350	<1	60
L-7000E 8500N	0.990	4	>200	<10	0.1	590	<1	70
L-7000E 8550N	0.785	4	198	<10	0.2	560	<1	110

SGS Canada Inc. | Mineral Services Suite E - 3260 Production Way Burnaby BC t(604) 638-2349 f(604) 444-5486 www.ca.sgs.com

Member of the SGS Group (Société Générale de Surveillance)

SGS

Final : VC142292 Order: HOT BATH L-6700E, 8600N to 8750N

Report File No.: 0000008109

Element Method Det.Lim. Units	Cd GE_MMI_M 1 ppb	Ce GE_MMI_M 5 ppb	Co GE_MMI_M 5 ppb	Cr GE_MMI_M 100 ppb	Cs GE_MMI_M 0.5 ppb	Cu GE_MMI_M 10 ppb	Dy GE_MMI_M 1 ppb	Er GE_MMI_M 0.5 ppb
L-6700E 8600N	5	397	44	<100	9.1	510	53	24.2
L-6700E 8650N	2	49	50	<100	3.7	4920	11	5.1
L-6700E 8700N	16	129	15	<100	12.6	330	55	28.2
L-6700E 8750N	6	52	13	<100	7.5	1060	18	8.4
L-6900E 7700N	5	205	12	<100	21.4	400	54	26.1
L-6900E 7750N	5	237	43	<100	11.7	570	40	19.6
L-6900E 7800N	5	65	23	<100	7.6	210	22	12.9
L-6900E 7900N	5	304	11	<100	7.8	580	43	24.5
L-6900E 7950N	3	320	16	<100	6.8	1010	26	11.3
L-6900E 8000N	4	109	60	<100	10.6	23500	30	15.2
L-6900E 8100N	8	298	21	<100	8.6	1660	27	11.7
L-6900E 8150N	6	349	15	<100	8.2	390	47	20.9
L-6900E 8200N	10	113	22	<100	6.6	400	26	14.0
L-6900E 8300N	2	832	9	<100	7.1	630	109	54.5
L-6900E 8600N	11	105	49	<100	7.8	3320	61	36.1
L-6900E 8650N	13	53	105	<100	3.6	1360	11	5.9
L-6900E 8700N	15	39	121	<100	7.2	1470	14	8.4
L-6900E 8750N	5	29	53	<100	1.3	410	10	6.6
L-7000E 7750N	15	221	16	<100	10.0	1380	35	18.5
L-7000E 7800N	3	100	12	<100	8.4	240	17	9.9
L-7000E 7850N	1	596	102	<100	17.0	1430	73	36.0
L-7000E 7900N	5	147	74	<100	19.0	570	69	34.5
L-7000E 7950N	4	142	46	<100	9.7	5170	86	52.6
L-7000E 8050N	7	632	24	<100	12.5	1010	126	54.1
L-7000E 8100N	2	599	11	<100	5.2	1510	73	35.0
L-7000E 8150N	4	316	17	<100	10.3	660	40	22.8
L-7000E 8200N	12	208	33	<100	7.3	1110	33	14.9
L-7000E 8250N	8	233	82	<100	8.0	1440	37	22.4
L-7000E 8300N	4	151	33	<100	8.9	440	49	23.5
L-7000E 8350N	4	115	36	<100	7.3	2060	32	18.8
L-7000E 8500N	5	97	146	<100	9.4	3410	22	12.4
L-7000E 8550N	7	117	40	<100	8.7	1670	43	21.7

SGS

Final : VC142292 Order: HOT BATH L-6700E, 8600N to 8750N

Report File No.: 0000008109

Element	Eu	Fe	Ga	Gd	Hg	In	K	La
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	1	1	1	0.5	0.1	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
L-6700E 8600N	8.9	56	18	56	<1	<0.5	12.6	159
L-6700E 8650N	3.0	10	3	12	<1	<0.5	10.8	32
L-6700E 8700N	5.0	35	13	33	<1	<0.5	6.8	44
L-6700E 8750N	2.2	61	15	11	<1	<0.5	5.1	20
L-6900E 7700N	5.5	47	14	39	<1	<0.5	5.7	73
L-6900E 7750N	6.8	90	16	40	<1	0.5	10.4	95
L-6900E 7800N	2.8	44	10	14	<1	<0.5	12.0	26
L-6900E 7900N	10.0	51	10	44	<1	<0.5	9.8	134
L-6900E 7950N	6.4	31	8	30	<1	<0.5	3.9	119
L-6900E 8000N	8.7	11	3	37	<1	<0.5	20.1	58
L-6900E 8100N	7.3	51	12	31	<1	<0.5	6.0	114
L-6900E 8150N	9.4	33	14	51	<1	<0.5	9.8	134
L-6900E 8200N	4.7	43	22	22	2	<0.5	11.7	42
L-6900E 8300N	16.5	29	13	115	<1	<0.5	4.4	366
L-6900E 8600N	7.3	18	4	43	<1	<0.5	13.5	54
L-6900E 8650N	2.2	27	5	10	<1	<0.5	17.1	22
L-6900E 8700N	1.6	106	9	10	<1	<0.5	14.2	18
L-6900E 8750N	0.8	107	33	5	<1	<0.5	127	14
L-7000E 7750N	6.4	40	9	33	<1	<0.5	5.9	83
L-7000E 7800N	3.0	43	10	14	<1	<0.5	3.1	43
L-7000E 7850N	18.0	27	11	95	<1	<0.5	7.5	360
L-7000E 7900N	4.6	39	11	40	<1	<0.5	7.4	55
L-7000E 7950N	9.3	27	10	60	<1	<0.5	5.2	69
L-7000E 8050N	14.3	62	23	102	<1	<0.5	8.5	255
L-7000E 8100N	14.4	20	10	76	<1	<0.5	5.2	322
L-7000E 8150N	8.2	34	11	38	<1	<0.5	9.5	121
L-7000E 8200N	7.5	46	13	32	1	<0.5	12.7	103
L-7000E 8250N	7.1	40	12	32	<1	<0.5	9.6	87
L-7000E 8300N	4.6	45	19	32	<1	<0.5	4.8	53
L-7000E 8350N	4.6	38	9	28	<1	<0.5	5.0	52
L-7000E 8500N	4.0	32	6	19	<1	<0.5	7.2	36
L-7000E 8550N	6.8	24	5	31	<1	<0.5	2.9	48

SGS

Final : VC142292 Order: HOT BATH L-6700E, 8600N to 8750N

Report File No.: 0000008109

Element	Li	Mg	Mn	Mo	Nb	Nd	Ni	P
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	5	1	10	5	0.5	1	5	0.1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm
L-6700E 8600N	<5	<1	4100	5	24.8	196	35	1.6
L-6700E 8650N	<5	2	4220	10	2.0	43	13	0.5
L-6700E 8700N	<5	<1	960	7	9.9	84	61	1.2
L-6700E 8750N	<5	<1	480	<5	12.3	29	55	1.9
L-6900E 7700N	<5	<1	760	<5	13.0	118	51	2.0
L-6900E 7750N	<5	3	2090	10	12.7	134	51	18.6
L-6900E 7800N	<5	1	670	<5	4.9	39	66	2.9
L-6900E 7900N	<5	4	1830	<5	4.7	167	30	6.8
L-6900E 7950N	<5	<1	1050	<5	7.8	135	20	4.0
L-6900E 8000N	<5	8	6700	46	6.0	118	29	0.6
L-6900E 8100N	<5	3	1240	7	10.3	143	40	4.6
L-6900E 8150N	<5	<1	1260	6	11.8	183	31	2.6
L-6900E 8200N	<5	2	3080	8	10.3	63	48	11.2
L-6900E 8300N	<5	1	1020	5	15.5	490	28	3.0
L-6900E 8600N	<5	2	6370	9	4.2	106	33	1.2
L-6900E 8650N	<5	7	22000	28	4.3	31	73	1.7
L-6900E 8700N	<5	6	8680	9	11.1	25	62	1.2
L-6900E 8750N	<5	3	580	<5	36.0	12	36	4.1
L-7000E 7750N	<5	<1	1110	<5	6.6	121	26	4.6
L-7000E 7800N	<5	<1	350	<5	5.2	52	40	4.2
L-7000E 7850N	<5	2	3570	10	4.4	442	39	4.9
L-7000E 7900N	<5	<1	6600	5	12.1	88	62	1.0
L-7000E 7950N	<5	<1	7370	6	5.8	140	50	0.5
L-7000E 8050N	<5	1	2110	8	20.4	353	53	1.8
L-7000E 8100N	<5	2	2370	<5	8.3	361	14	4.9
L-7000E 8150N	<5	1	2200	6	9.4	148	32	9.3
L-7000E 8200N	<5	4	2500	9	11.8	121	57	8.7
L-7000E 8250N	<5	<1	12000	8	11.6	108	55	4.1
L-7000E 8300N	<5	<1	1360	6	20.3	89	50	2.0
L-7000E 8350N	<5	1	10000	<5	10.7	81	30	1.2
L-7000E 8500N	<5	2	17700	9	4.4	52	55	4.1
L-7000E 8550N	<5	1	3090	<5	3.1	83	54	2.2

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Final : VC142292 Order: HOT BATH L-6700E, 8600N to 8750N

Report File No.: 0000008109

Element	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	1	1	5	1	5	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L-6700E 8600N	40	2	49	<1	202	<1	36	53
L-6700E 8650N	10	<1	11	<1	88	<1	13	12
L-6700E 8700N	60	<1	18	<1	84	<1	23	25
L-6700E 8750N	50	<1	7	<1	76	<1	20	8
L-6900E 7700N	50	1	27	<1	92	<1	18	34
L-6900E 7750N	60	<1	33	<1	140	<1	48	39
L-6900E 7800N	60	<1	9	<1	114	<1	24	11
L-6900E 7900N	90	<1	40	<1	114	<1	49	44
L-6900E 7950N	60	<1	33	<1	96	<1	29	31
L-6900E 8000N	10	<1	25	<1	187	<1	16	36
L-6900E 8100N	40	<1	35	<1	98	<1	33	34
L-6900E 8150N	80	1	48	<1	111	<1	42	52
L-6900E 8200N	50	<1	15	<1	166	<1	39	20
L-6900E 8300N	60	4	115	<1	126	<1	31	110
L-6900E 8600N	30	1	22	<1	131	<1	44	33
L-6900E 8650N	<10	<1	7	<1	98	<1	23	8
L-6900E 8700N	30	<1	6	<1	102	<1	15	8
L-6900E 8750N	20	<1	3	<1	110	<1	13	4
L-7000E 7750N	80	<1	29	<1	120	<1	32	32
L-7000E 7800N	70	<1	13	<1	104	<1	21	13
L-7000E 7850N	60	<1	109	<1	144	<1	57	103
L-7000E 7900N	90	1	21	<1	174	<1	21	30
L-7000E 7950N	40	<1	28	<1	109	<1	18	44
L-7000E 8050N	70	<1	86	<1	135	<1	30	98
L-7000E 8100N	40	1	94	<1	69	<1	39	78
L-7000E 8150N	50	<1	36	<1	132	<1	48	38
L-7000E 8200N	60	<1	31	<1	134	<1	35	33
L-7000E 8250N	30	<1	27	<1	148	<1	49	30
L-7000E 8300N	210	<1	20	<1	88	<1	18	26
L-7000E 8350N	60	1	18	<1	91	<1	22	24
L-7000E 8500N	20	1	12	<1	79	<1	31	14
L-7000E 8550N	20	1	18	<1	66	<1	35	25

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Final : VC142292 Order: HOT BATH L-6700E, 8600N to 8750N

Report File No.: 0000008109

Element	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	10	1	1	10	0.5	3	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
L-6700E 8600N	2	160	2	9	20	41.0	1700	<0.5
L-6700E 8650N	<1	1510	<1	2	<10	16.2	149	<0.5
L-6700E 8700N	<1	50	<1	7	20	12.3	550	<0.5
L-6700E 8750N	<1	90	<1	2	10	10.5	697	<0.5
L-6900E 7700N	<1	40	<1	8	<10	23.5	405	<0.5
L-6900E 7750N	<1	80	<1	6	<10	84.8	1580	<0.5
L-6900E 7800N	<1	50	<1	3	<10	11.5	577	<0.5
L-6900E 7900N	<1	340	<1	7	<10	48.8	441	<0.5
L-6900E 7950N	<1	140	<1	4	<10	50.0	779	<0.5
L-6900E 8000N	<1	1220	<1	5	<10	33.0	228	<0.5
L-6900E 8100N	<1	190	<1	5	<10	50.7	992	<0.5
L-6900E 8150N	<1	70	<1	8	<10	44.4	1070	<0.5
L-6900E 8200N	1	110	<1	4	<10	43.5	1310	<0.5
L-6900E 8300N	1	230	<1	18	<10	68.3	633	<0.5
L-6900E 8600N	<1	380	<1	8	<10	10.5	331	<0.5
L-6900E 8650N	<1	1270	<1	2	<10	8.6	348	<0.5
L-6900E 8700N	<1	790	<1	2	<10	8.5	639	<0.5
L-6900E 8750N	3	120	2	1	<10	8.2	1450	<0.5
L-7000E 7750N	<1	70	<1	5	<10	43.2	691	<0.5
L-7000E 7800N	<1	70	<1	2	<10	25.1	661	<0.5
L-7000E 7850N	<1	50	<1	12	<10	92.0	1160	<0.5
L-7000E 7900N	<1	30	<1	8	<10	34.5	337	0.6
L-7000E 7950N	<1	60	<1	12	<10	23.0	217	<0.5
L-7000E 8050N	1	60	1	20	<10	49.7	722	<0.5
L-7000E 8100N	<1	70	<1	11	<10	72.1	496	<0.5
L-7000E 8150N	<1	60	<1	6	<10	94.0	1010	<0.5
L-7000E 8200N	<1	310	<1	5	<10	53.2	1020	<0.5
L-7000E 8250N	<1	40	<1	6	<10	48.5	1270	<0.5
L-7000E 8300N	2	40	1	7	<10	32.0	483	<0.5
L-7000E 8350N	<1	160	<1	4	<10	28.2	402	<0.5
L-7000E 8500N	<1	310	<1	3	<10	20.2	422	<0.5
L-7000E 8550N	<1	400	<1	6	<10	17.0	323	<0.5

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Final : VC142292 Order: HOT BATH L-6700E, 8600N to 8750N

Report File No.: 0000008109

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	1	1	1	20	5
Units	ppb	ppb	ppb	ppb	ppb	ppb
L-6700E 8600N	24	<1	214	17	300	1260
L-6700E 8650N	94	<1	49	4	60	189
L-6700E 8700N	17	<1	231	20	220	369
L-6700E 8750N	10	<1	76	7	260	256
L-6900E 7700N	23	<1	222	19	190	719
L-6900E 7750N	64	<1	170	16	190	377
L-6900E 7800N	12	<1	121	11	80	140
L-6900E 7900N	39	<1	229	22	110	163
L-6900E 7950N	34	<1	104	9	50	359
L-6900E 8000N	209	<1	166	13	100	411
L-6900E 8100N	46	<1	119	9	230	305
L-6900E 8150N	29	<1	204	17	60	859
L-6900E 8200N	36	<1	125	11	90	231
L-6900E 8300N	46	<1	526	39	60	1600
L-6900E 8600N	60	<1	342	24	110	210
L-6900E 8650N	159	<1	60	5	80	129
L-6900E 8700N	19	<1	77	6	270	179
L-6900E 8750N	9	<1	42	6	130	290
L-7000E 7750N	37	<1	170	15	250	357
L-7000E 7800N	16	<1	90	8	30	149
L-7000E 7850N	75	1	395	32	220	224
L-7000E 7900N	70	<1	325	26	220	949
L-7000E 7950N	114	<1	494	38	80	541
L-7000E 8050N	57	<1	494	39	530	1330
L-7000E 8100N	65	<1	380	28	120	795
L-7000E 8150N	80	<1	200	20	160	407
L-7000E 8200N	36	<1	138	12	410	600
L-7000E 8250N	47	<1	180	20	190	439
L-7000E 8300N	27	<1	196	18	40	669
L-7000E 8350N	21	<1	163	14	60	424
L-7000E 8500N	27	<1	114	10	80	245
L-7000E 8550N	39	<1	240	16	50	184

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Certificate of Analysis

Work Order : VC143266

[Report File No.: 0000009350]

To: **Peter Shorts**
President
COD SGS ASSAYERS
DeCoors Mining Corp
PO Box 31734
Whitehorse
Yukon Y1A 6L3

Date: Nov 07, 2014

P.O. No.	:	DeCoors Mining Corp-Hot Bath
Project No.	:	-
No. Of Samples	:	11
Date Submitted	:	Oct 16, 2014
Report Comprises	:	Pages 1 to 8 (Inclusive of Cover Sheet)

Distribution of unused material:
Active files:

Certified By : ______________________
Cam Chiang
Assistant Operations Manager

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : VC143266 Order: DeCoors Mining Corp-Hot Bath

Report File No.: 0000009350

Element	WtKg	Ag	Al	As	Au	Ba	Bi	Ca
Method	G_WGH79	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.01	1	1	10	0.1	10	1	10
Units	kg	ppb	ppm	ppb	ppb	ppb	ppb	ppm
1256	0.730	13	167	<10	0.2	2560	<1	120
1257	0.865	3	>200	<10	<0.1	270	<1	10
1258	0.470	4	>200	<10	<0.1	380	<1	20
1259	0.585	3	195	<10	<0.1	120	<1	<10
1260	0.635	8	117	<10	0.1	150	<1	70
1261	0.625	10	>200	<10	<0.1	120	<1	<10
1262	0.620	9	>200	<10	0.5	440	<1	30
1263	1.025	10	172	<10	0.1	2420	<1	80
1264	0.805	4	>200	<10	<0.1	240	<1	30
1265	0.770	5	177	<10	0.1	820	<1	110
1266	0.950	36	120	<10	0.4	1070	<1	650

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Final : VC143266 Order: DeCoors Mining Corp-Hot Bath

Report File No.: 0000009350

Element	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	5	5	100	0.5	10	1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1256	3	636	100	<100	3.6	2550	60	27.5
1257	5	242	6	<100	5.0	150	41	18.9
1258	3	302	15	<100	6.7	150	45	21.9
1259	15	82	10	<100	4.7	300	38	21.4
1260	5	314	<5	<100	5.7	1950	64	33.4
1261	6	190	8	<100	5.4	540	41	22.9
1262	3	505	11	<100	6.0	410	52	24.7
1263	2	369	<5	<100	5.0	1390	105	54.9
1264	3	284	<5	<100	5.3	690	47	27.9
1265	2	273	5	<100	5.5	900	37	19.9
1266	3	625	<5	<100	3.2	790	288	175

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Final : VC143266 Order: DeCoors Mining Corp-Hot Bath

Report File No.: 0000009350

Element	Eu	Fe	Ga	Gd	Hg	In	K	La
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	1	1	1	0.5	0.1	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
1256	18.7	27	4	77	<1	<0.5	7.2	475
1257	7.1	27	15	42	<1	<0.5	4.7	80
1258	7.8	33	15	46	<1	<0.5	5.7	111
1259	4.8	23	10	26	<1	<0.5	6.0	25
1260	13.9	13	6	75	<1	<0.5	3.9	126
1261	7.6	22	6	37	<1	<0.5	2.6	64
1262	13.7	31	5	64	<1	<0.5	4.1	222
1263	28.8	10	3	114	<1	<0.5	4.6	387
1264	9.8	17	7	43	<1	<0.5	7.8	103
1265	10.6	11	4	42	<1	<0.5	13.6	170
1266	97.4	7	<1	350	<1	<0.5	5.0	817

Final : VC143266 Order: DeCoors Mining Corp-Hot Bath

Report File No.: 0000009350

Element	Li	Mg	Mn	Mo	Nb	Nd	Ni	P
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	5	1	10	5	0.5	1	5	0.1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm
1256	<5	12	9890	<5	3.7	378	83	4.6
1257	<5	1	670	<5	14.9	158	102	2.5
1258	<5	2	2240	<5	11.1	184	51	2.4
1259	<5	<1	150	<5	3.2	69	51	1.0
1260	<5	1	230	<5	1.7	276	17	0.4
1261	<5	<1	200	<5	2.4	144	39	0.8
1262	<5	1	400	5	3.2	294	17	3.3
1263	<5	3	530	<5	2.8	437	33	1.2
1264	<5	<1	250	<5	2.6	158	26	1.4
1265	<5	6	780	<5	2.9	179	10	1.3
1266	<5	36	380	<5	<0.5	1190	21	<0.1

Final : VC143266 Order: DeCoors Mining Corp-Hot Bath

Report File No.: 0000009350

Element	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	1	1	5	1	5	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1256	40	<1	91	<1	100	<1	43	77
1257	90	<1	32	<1	88	<1	24	41
1258	90	<1	39	<1	135	<1	23	45
1259	100	<1	13	<1	77	<1	22	19
1260	30	<1	53	<1	99	<1	38	72
1261	30	<1	29	<1	64	<1	23	34
1262	50	<1	65	<1	85	<1	38	67
1263	50	<1	97	<1	94	<1	58	101
1264	50	<1	34	<1	57	<1	33	39
1265	50	<1	40	<1	74	<1	34	41
1266	<10	<1	226	<1	56	<1	99	301

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Final : VC143266 Order: DeCoors Mining Corp-Hot Bath

Report File No.: 0000009350

Element	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	10	1	1	10	0.5	3	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1256	<1	570	<1	10	<10	35.4	447	<0.5
1257	1	<10	1	6	<10	23.1	589	<0.5
1258	<1	60	<1	7	<10	25.8	806	<0.5
1259	<1	10	<1	5	<10	6.1	88	<0.5
1260	<1	70	<1	11	<10	17.4	134	<0.5
1261	<1	<10	<1	6	<10	8.3	267	<0.5
1262	<1	90	<1	9	<10	57.0	775	<0.5
1263	<1	390	<1	16	<10	58.4	335	<0.5
1264	<1	50	<1	7	<10	23.6	500	<0.5
1265	<1	500	<1	6	<10	61.5	421	<0.5
1266	<1	2190	<1	45	<10	102	<3	<0.5

Final : VC143266 Order: DeCoors Mining Corp-Hot Bath

Report File No.: 0000009350

Element	U	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	1	1	1	20	5
Units	ppb	ppb	ppb	ppb	ppb	ppb
1256	53	<1	311	21	50	190
1257	16	<1	175	14	70	572
1258	19	<1	211	17	70	463
1259	21	<1	196	17	60	71
1260	34	<1	336	25	80	279
1261	17	<1	225	18	30	89
1262	53	<1	248	19	20	99
1263	73	<1	567	44	30	223
1264	36	<1	266	24	30	72
1265	49	<1	188	16	30	147
1266	138	<1	2090	139	50	14

Certificate of Analysis

Work Order : VC142270A

[Report File No.: 0000008276]

To: **Peter Shorts**
GEOTRONICS CONSULTING INC.
6204-125th ST
SURREY BC V3X 2E1

Date: Aug 14, 2014

P.O. No.	:	HOT BATH 13 samples
Project No.	:	-
No. Of Samples	:	13
Date Submitted	:	Aug 05, 2014
Report Comprises	:	Pages 1 to 6 (Inclusive of Cover Sheet)

Distribution of unused material:
Active files:

Certified By : ____________________
Cam Chiang
Assistant Operations Manager

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

Final : VC142270A Order: HOT BATH 13 samples

Report File No.: 0000008276

Element	WtKg	Ag@	Al@	As@	Ba@	Be@	Bi@	Ca@
Method	G_WGH79	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	2	0.01	3	5	0.5	5	0.01
Units	kg	ppm	%	ppm	ppm	ppm	ppm	%
L - 6800E 8550E	0.749	<2	2.80	6	68	1.3	<5	0.47
L - 6800E 8600E	0.588	<2	2.57	9	48	0.8	<5	0.20
L - 6800E 8650E	0.612	<2	2.75	5	115	1.1	<5	0.46
L - 6800E 8700E	0.944	<2	3.78	14	151	1.4	<5	0.57
L - 6800E 8750E	0.513	<2	3.50	8	99	1.0	<5	0.44
L - 6800E 7300E	0.694	<2	3.37	11	137	0.8	<5	1.89
L - 6800E 7350E	0.998	<2	2.62	12	123	0.7	<5	1.31
L - 6800E 7750E	1.087	<2	4.18	12	250	1.3	<5	1.29
L - 6800E 7800E	0.736	<2	2.85	13	134	2.1	<5	0.35
L - 6800E 7950E	0.863	<2	3.05	10	176	1.1	<5	0.63
L - 6800E 8000E	0.899	<2	3.08	10	149	1.1	<5	0.77
L - 6800E 8200E	0.777	<2	2.36	10	136	0.7	<5	0.14
L - 6800E 8300E	0.839	<2	3.12	10	88	0.8	<5	0.84

Final : VC142270A Order: HOT BATH 13 samples

Report File No.: 0000008276

Element	Cd@	Co@	Cr@	Cu@	Fe@	Hg@	K@	La@
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	1	1	0.5	0.01	1	0.01	0.5
Units	ppm	ppm	ppm	ppm	%	ppm	%	ppm
L - 6800E 8550E	2	14	23	79.1	4.72	<1	0.04	16.0
L - 6800E 8600E	2	14	25	43.0	5.79	<1	0.04	16.2
L - 6800E 8650E	2	15	16	99.5	4.36	<1	0.05	12.7
L - 6800E 8700E	3	22	31	70.4	5.71	<1	0.06	13.8
L - 6800E 8750E	2	17	13	94.9	5.12	<1	0.05	10.8
L - 6800E 7300E	2	25	31	245	4.84	<1	0.08	16.0
L - 6800E 7350E	3	24	31	148	6.67	<1	0.07	17.9
L - 6800E 7750E	3	46	84	323	6.10	<1	0.14	17.6
L - 6800E 7800E	3	69	23	88.9	5.83	<1	0.08	28.4
L - 6800E 7950E	2	17	19	81.7	4.25	<1	0.09	15.2
L - 6800E 8000E	2	16	16	105	4.28	<1	0.08	14.4
L - 6800E 8200E	2	16	40	73.6	4.60	<1	0.08	12.0
L - 6800E 8300E	2	28	27	146	4.82	<1	0.07	13.7

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Final : VC142270A Order: HOT BATH 13 samples

Report File No.: 0000008276

Element / Method / Det.Lim. / Units	Li@ GE_ICP14B 1 ppm	Mg@ GE_ICP14B 0.01 %	Mn@ GE_ICP14B 2 ppm	Mo@ GE_ICP14B 1 ppm	Na@ GE_ICP14B 0.01 %	Ni@ GE_ICP14B 1 ppm	P@ GE_ICP14B 0.01 %	Pb@ GE_ICP14B 2 ppm
L - 6800E 8550E	10	0.63	529	5	0.02	17	0.09	9
L - 6800E 8600E	7	0.48	525	4	0.02	12	0.07	12
L - 6800E 8650E	11	0.75	763	4	0.02	14	0.10	5
L - 6800E 8700E	15	0.98	810	3	0.03	32	0.09	9
L - 6800E 8750E	11	0.89	850	1	0.02	13	0.11	4
L - 6800E 7300E	14	1.27	1490	<1	0.01	23	0.14	6
L - 6800E 7350E	13	1.03	1220	1	0.02	26	0.16	7
L - 6800E 7750E	17	2.09	1550	1	0.02	47	0.12	8
L - 6800E 7800E	13	0.74	1260	6	0.02	25	0.10	11
L - 6800E 7950E	16	1.01	943	<1	0.02	22	0.10	6
L - 6800E 8000E	14	0.91	776	<1	0.02	16	0.11	4
L - 6800E 8200E	17	0.97	718	2	0.02	42	0.06	7
L - 6800E 8300E	10	1.12	753	2	0.04	36	0.11	5

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Final : VC142270A Order: HOT BATH 13 samples

Report File No.: 0000008276

Element	S@	Sb@	Sc@	Sn@	Sr@	Ti@	V@	W@
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.01	5	0.5	10	5	0.01	1	10
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm
L - 6800E 8550E	0.09	<5	3.1	<10	64	0.16	113	<10
L - 6800E 8600E	0.05	<5	3.1	<10	43	0.28	129	<10
L - 6800E 8650E	0.08	<5	3.5	<10	87	0.12	117	<10
L - 6800E 8700E	0.03	<5	5.3	<10	92	0.20	125	<10
L - 6800E 8750E	0.05	<5	5.0	<10	78	0.11	133	<10
L - 6800E 7300E	0.01	<5	8.9	<10	190	0.05	116	<10
L - 6800E 7350E	0.02	<5	7.9	<10	159	0.11	218	<10
L - 6800E 7750E	0.04	<5	9.1	<10	347	0.26	177	<10
L - 6800E 7800E	0.08	<5	2.8	<10	48	0.15	66	<10
L - 6800E 7950E	0.02	<5	4.6	<10	84	0.13	92	<10
L - 6800E 8000E	0.03	<5	4.0	<10	95	0.12	95	<10
L - 6800E 8200E	0.04	<5	3.5	<10	25	0.11	85	<10
L - 6800E 8300E	0.04	<5	5.4	<10	120	0.18	117	<10

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Final : VC142270A Order: HOT BATH 13 samples

Report File No.: 0000008276

Element	Y@	Zn@	Zr@
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.5	1	0.5
Units	ppm	ppm	ppm
L - 6800E 8550E	10.3	68	10.9
L - 6800E 8600E	5.4	64	16.5
L - 6800E 8650E	9.9	79	4.6
L - 6800E 8700E	8.2	108	14.0
L - 6800E 8750E	7.0	72	3.3
L - 6800E 7300E	17.9	82	4.6
L - 6800E 7350E	18.0	80	6.8
L - 6800E 7750E	14.3	96	7.0
L - 6800E 7800E	16.7	74	9.2
L - 6800E 7950E	10.3	62	10.0
L - 6800E 8000E	9.1	51	6.2
L - 6800E 8200E	5.9	62	2.2
L - 6800E 8300E	9.3	76	8.6

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Certificate of Analysis

Work Order : VC151202

[Report File No.: 0000011489]

To: **Peter Shorts**
President
COD SGS ASSAYERS
DeCoors Mining Corp
PO Box 31734
Whitehorse
Yukon Y1A 6L3

Date: Jun 10, 2015

P.O. No.	:	Hot Bath Project - S66230 - Hot Bath
Project No.	:	-
No. Of Samples	:	1
Date Submitted	:	Jun 08, 2015
Report Comprises	:	Pages 1 to 9 (Inclusive of Cover Sheet)

Comments:

Samples may have coarse gold.

Certified By : ______________________

Cam Chiang
Assistant Operations Manager

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : VC151202 Order: Hot Bath Project - S66230 - Hot Bath

Report File No.: 0000011489

Element	@Au	Al@	Ba@	Be@	Ca@	Cr@	Cu@	Fe@
Method	GE_FAA313	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	5	0.01	10	5	0.1	10	10	0.01
Units	ppb	%	ppm	ppm	%	ppm	ppm	%
S66230 - Hot Bath	3140	3.70	250	<5	0.2	20	>10000	6.58
*Rep S66230 - Hot Bath	2450							
*Rep S66230 - Hot Bath	3790							

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Final : VC151202 Order: Hot Bath Project - S66230 - Hot Bath

Report File No.: 0000011489

Element	K@	Li@	Mg@	Mn@	Ni@	P@	Sc@	Sr@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.1	10	0.01	10	5	0.01	5	10
Units	%	ppm	%	ppm	ppm	%	ppm	ppm
S66230 - Hot Bath	0.8	<10	0.24	160	6	0.04	<5	60

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Final : VC151202 Order: Hot Bath Project - S66230 - Hot Bath

Report File No.: 0000011489

Element	Ti@	V@	Zn@	Ag@	As@	Bi@	Cd@	Ce@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.01	5	5	1	5	0.1	0.2	0.1
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	0.13	38	35	3	<5	7.6	0.2	17.4

Final : VC151202 Order: Hot Bath Project - S66230 - Hot Bath

Report File No.: 0000011489

Element	Co@	Cs@	Dy@	Er@	Eu@	Ga@	Gd@	Ge@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.5	0.1	0.05	0.05	0.05	1	0.05	1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	9.9	0.2	0.80	0.48	0.26	9	1.06	<1

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Final : VC151202 Order: Hot Bath Project - S66230 - Hot Bath

Report File No.: 0000011489

Element	Hf@	Ho@	In@	La@	Lu@	Mo@	Nb@	Nd@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	1	0.05	0.2	0.1	0.05	2	1	0.1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	3	0.18	<0.2	8.9	0.11	<2	3	8.2

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Final : VC151202 Order: Hot Bath Project - S66230 - Hot Bath

Report File No.: 0000011489

Element	Pb@	Pr@	Rb@	Sb@	Sm@	Sn@	Ta@	Tb@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	5	0.05	0.2	0.1	0.1	1	0.5	0.05
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	<5	2.40	27.6	0.3	1.4	<1	<0.5	0.14

Final : VC151202 Order: Hot Bath Project - S66230 - Hot Bath

Report File No.: 0000011489

Element	Th@	Tl@	Tm@	U@	W@	Y@	Yb@	Zr@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.1	0.5	0.05	0.05	1	0.5	0.1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	5.1	<0.5	0.08	1.82	<1	4.3	0.6	110

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Final : VC151202 Order: Hot Bath Project - S66230 - Hot Bath

Report File No.: 0000011489

Element	Cu	S@
Method	GO_XRF77B	GE_CSA06V
Det.Lim.	0.01	0.005
Units	%	%
S66230 - Hot Bath	3.06	3.80

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Certificate of Analysis

Work Order : VC150986

[Report File No.: 0000011443]

To: **Peter Shorts** Date: Jun 08, 2015

President
COD SGS ASSAYERS
DeCoors Mining Corp
PO Box 31734
Whitehorse
Yukon Y1A 6L3

P.O. No.	:	Hot Bath Project - 4 samples
Project No.	:	-
No. Of Samples	:	4
Date Submitted	:	May 14, 2015
Report Comprises	:	Pages 1 to 27 (Inclusive of Cover Sheet)

Comments:

Samples may have coarse gold.

Certified By : ____________________

Cam Chiang
Assistant Operations Manager

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

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n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : VC150986 Order: Hot Bath Project - 4 samples

Report File No.: 0000011443

Element	WtKg	@Au	Al@	Ba@	Be@	Ca@	Cr@	Cu@
Method	G_WGH79	GE_FAA313	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.01	5	0.01	10	5	0.1	10	10
Units	kg	ppb	%	ppm	ppm	%	ppm	ppm
S66230 - Hot Bath	1.395	3140	3.70	250	<5	0.2	20	>10000
S66231 - Hot Bath	0.735	1340	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	1.180	92	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	0.680	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Rep S66230 - Hot Bath		2450						
*Rep S66230 - Hot Bath		3790						

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Element	Fe@	K@	Li@	Mg@	Mn@	Ni@	P@	Sc@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.01	0.1	10	0.01	10	5	0.01	5
Units	%	%	ppm	%	ppm	ppm	%	ppm
S66230 - Hot Bath	6.58	0.8	<10	0.24	160	6	0.04	<5
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Sn@	Ti@	V@	Zn@	Ag@	As@	Bi@	Cd@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	10	0.01	5	5	1	5	0.1	0.2
Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	60	0.13	38	35	3	<5	7.6	0.2
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Ce@	Co@	Cs@	Dy@	Er@	Eu@	Ga@	Gd@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.1	0.5	0.1	0.05	0.05	0.05	1	0.05
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	17.4	9.9	0.2	0.80	0.48	0.26	9	1.06
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Ge@	Hf@	Ho@	In@	La@	Lu@	Mo@	Nb@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	1	1	0.05	0.2	0.1	0.05	2	1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	<1	3	0.18	<0.2	8.9	0.11	<2	3
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Nd@	Pb@	Pr@	Rb@	Sb@	Sm@	Sn@	Ta@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.1	5	0.05	0.2	0.1	0.1	1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	8.2	<5	2.40	27.6	0.3	1.4	<1	<0.5
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Tb@	Th@	Tl@	Tm@	U@	W@	Y@	Yb@
Method	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A	GE_ICM90A
Det.Lim.	0.05	0.1	0.5	0.05	0.05	1	0.5	0.1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	0.14	5.1	<0.5	0.08	1.82	<1	4.3	0.6
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Zn@	Ag	Al	As	Au	Ba	Bi	Ca
Method	GE_ICM90A	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	0.5	1	10	0.1	10	0.5	2
Units	ppm	ppb	ppm	ppb	ppb	ppb	ppb	ppm
S66230 - Hot Bath	110	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	N.A.	18.8	304	10	<0.1	920	<0.5	15

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Element	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	2	1	100	0.2	10	0.5	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	36	88	100	100	2.2	290	16.9	9.7

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Element	Eu	Fe	Ga	Gd	Hg	In	K	La
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.2	1	0.5	0.5	1	0.1	0.5	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	3.3	124	16.4	12.3	<1	0.5	18.0	24

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Element	Li	Mg	Mn	Mo	Nb	Nd	Ni	P
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	100	2	0.5	1	5	0.1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppm
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	<1	4.9	7800	4	13.2	40	284	6.0

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Element	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	5	1	0.5	0.1	1	0.5	5	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	271	<1	8.1	<0.1	120	1.1	34	10

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Element	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	10	1	0.1	10	0.5	10	0.1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	1	60	<1	2.2	<10	18.6	1850	0.3

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Element	U	W	Y	Yb	Zn	Zr	Ag@	Al@
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_ICP14B	GE_ICP14B
Det.Lim.	0.5	0.5	1	0.2	10	2	2	0.01
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	%
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	2	0.42
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	8.5	<0.5	68	4.9	2310	218	N.A.	N.A.

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Element	As@	Ba@	Be@	Bi@	Ca@	Cd@	Co@	Cr@
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	3	5	0.5	5	0.01	1	1	1
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	4	24	<0.5	<5	0.07	<1	7	13
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Cu@	Fe@	Hg@	K@	La@	Li@	Mg@	Mn@
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	0.5	0.01	1	0.01	0.5	1	0.01	2
Units	ppm	%	ppm	%	ppm	ppm	%	ppm
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	9260	4.19	<1	0.14	4.6	2	0.25	146
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Mo@	Na@	Ni@	P@	Pb@	S@	Sb@	Sc@
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	1	0.01	1	0.01	2	0.01	5	0.5
Units	ppm	%	ppm	%	ppm	%	ppm	ppm
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	1	0.05	4	0.05	4	1.91	<5	0.7
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Sn@	Sr@	Ti@	V@	W@	Y@	Zn@	Zr@
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	10	5	0.01	1	10	0.5	1	0.5
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	<10	6	0.03	18	<10	2.8	13	1.6
S66232 - OOTSA	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Ag	Al	As	Ba	Be	Bi	Ca	Cd
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	1	0.01	3	10	1	0.1	0.1	0.2
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	<1	4.58	153	250	2	<0.1	5.3	<0.2
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.1	0.5	5	0.1	2	0.05	0.05	0.05
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	21.5	4.3	37	10.1	30	1.37	0.73	0.70
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Fe	Ga	Gd	Ge	Ho	In	K	La
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.01	1	0.05	1	0.05	0.2	0.1	0.1
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	1.07	13	1.83	2	0.25	<0.2	1.8	11.0
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Li	Lu	Mg	Mn	Mo	Nb	Nd	Ni
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	5	0.05	0.01	10	2	2	0.1	5
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	102	0.12	0.28	100	13	6	10.4	12
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	P	Pb	Pr	Rb	Re	S	Sb	Si
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.01	2	0.05	2	0.05	1	1	0.1
Units	%	ppm	ppm	ppm	ppm	%	ppm	%
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	0.07	8	2.60	85	<0.05	<1	21	34.4
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.1	1	10	0.5	0.05	1	0.1	0.01
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	1.9	<1	80	<0.5	0.24	<1	3.4	0.20
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Final : VC150986 Order: Hot Bath Project - 4 samples

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Element	Tl	Tm	U	V	W	Y	Yb	Zn
Method	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A	GE_IMS90A
Det.Lim.	0.5	0.05	0.05	5	5	0.5	0.1	5
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
S66230 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66231 - Hot Bath	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
S66232 - OOTSA	1.0	0.11	1.40	54	<5	7.7	0.7	22
CASTLE L7000N 8000E C.C	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Final : VC150986 Order: Hot Bath Project - 4 samples

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Element	Cu
Method	GO_XRF77B
Det.Lim.	0.01
Units	%
S66230 - Hot Bath	3.06
S66231 - Hot Bath	N.A.
S66232 - OOTSA	N.A.
CASTLE L7000N 8000E C.C	N.A.

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