

**REPORT ON DIAMOND DRILLING
IN THE
CHATAWAY LAKE AREA
OF THE
HIGHLAND VALLEY PROPERTY**

BC Geological Survey
Assessment Report
33057

[ASSESSMENT REPORT]

PREPARED FOR Highbank Resources Ltd.

Latitude 50°15' – 50°23' N; Longitude 120°47' – 120°57' W

NTS Map Number 92I36 (Chataway Lake Sheet)

By

**William R. Bergey, P.Eng.
Consulting Geologist**

April 25, 2012

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

33,057



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Report on Diamond Drilling in the Chataway Lake Area

TOTAL COST:

AUTHOR(S): William Richard Bergey
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5091487, 5091587 - Oct. 20, 2011

YEAR OF WORK: 2011

PROPERTY NAME: Highland Valley Property

CLAIM NAME(S) (on which work was done): 513247

*linked to event 5412837
Reg. Oct. 24/12*

TITLES DIVISION, MINERAL TITLES VICTORIA, BC	
MAY - 8 2012	
FILE NO. _____	
LOG IN NO. _____	

AW

COMMODITIES SOUGHT: Cu, Mo, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: Kamloops
NTS / BCGS: 92136

LATITUDE: 50 ° 21 ' 59 "
LONGITUDE: 120 ° 55 ' 08 " (at centre of work)
UTM Zone: 83 **EASTING:** 648000 **NORTHING:** 5582000

*to
EVENT # 5413015*

OWNER(S): Moag Copper Gold Resources Inc.

*RECORDED
Oct 25/12
RAB*

MAILING ADDRESS:
8830 Chemainus Rd. R.R. 5
Chemainus BC

OPERATOR(S) [who paid for the work]: Highbank Resources Ltd.

MAILING ADDRESS: #600 - 625 Howe St., Vancouver BC V6C 2T6

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. Do not use abbreviations or codes) Triassic/Jurassic, Guichon Creek batholith, granodiorite, Tertiary sedimentary cover, north-south regional faults, porphyry copper-molybdenum, mobile metal ion geochemical surveys, induced polarization geophysical surveys, photo-geological interpretation.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:
20202, 31015

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

33.057

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)		\$ 513242	\$ 4,131,01
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core	7 1548 m	513247	\$ 71,983.44
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
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	\$ 76,114.45

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**REPORT ON DIAMOND DRILLING
IN THE
CHATAWAY LAKE AREA
OF THE
HIGHLAND VALLEY PROPERTY
FOR Highbank Resources Ltd.**

[ASSESSMENT REPORT]

INTRODUCTION & TERMS OF REFERENCE

The present report describes the assessment work that was carried out on the Highland Valley Property (termed “the Property” hereinafter) on behalf of Highbank Resources Ltd., the Optionee. The exploration work described in the report was based on the geological work, conclusions and recommendations contained in earlier reports by the writer (Bergey, 2007; Bergey, 2009; Bergey, 2011.)

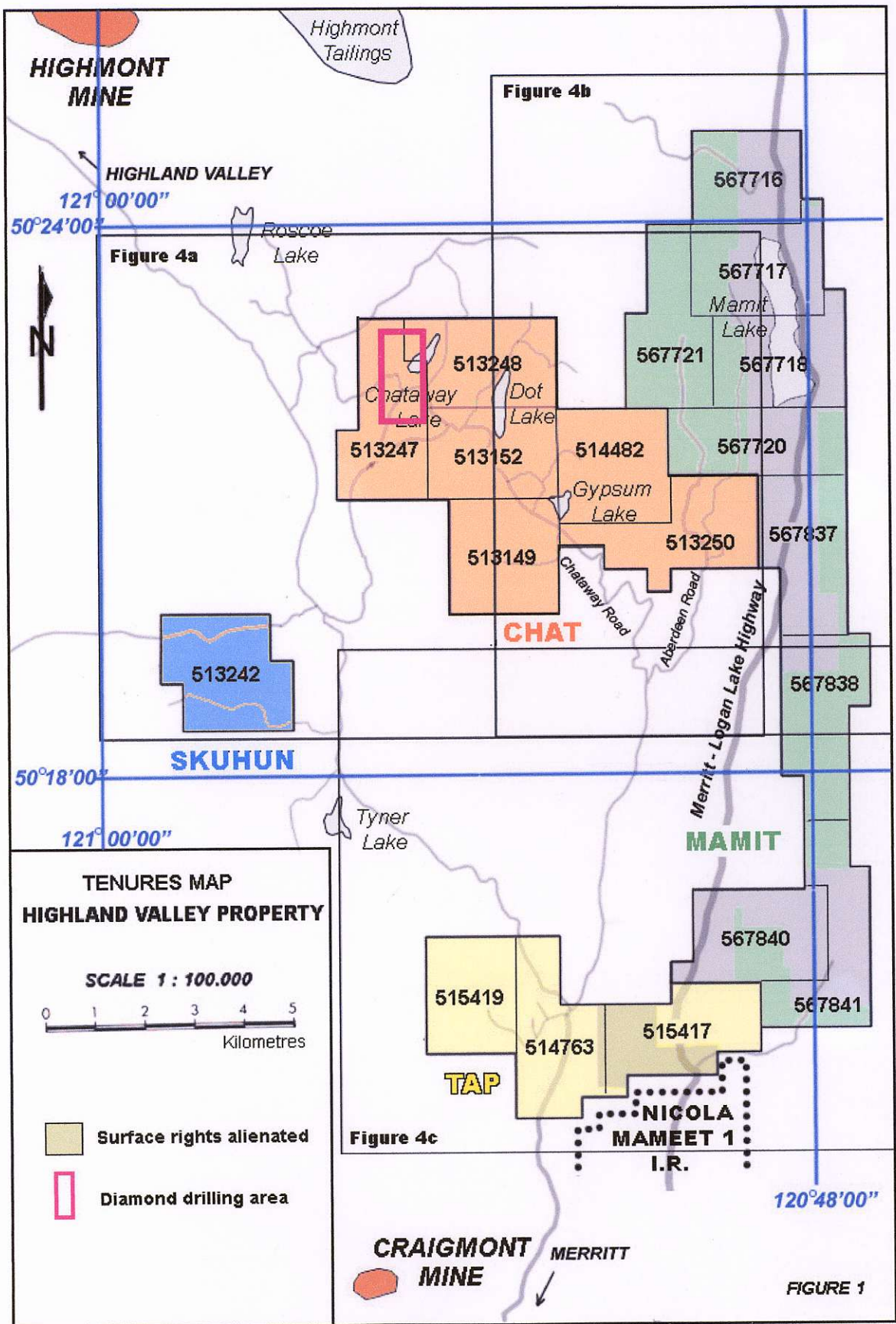
The large Highland Valley Property has been sub-divided into four “blocks” for convenience -- Chat Block, Tap Block, Mamit Block, and the non-contiguous Shuhun Block. The diamond drilling described in the present report was confined to the Chataway Lake Area in the north-western corner of the Chat Block (Figure 1).

PROPERTY DESCRIPTION

The Highland Valley Property comprises 18 unpatented Mineral Tenures covering 9418.21 hectares (about 36 square miles) in the Kamloops Mining Division, British Columbia. The tenures are contiguous except for the small Skuhun Block, which lies west of the other blocks.

The locations of the tenures are shown on Figure 1. The National Topographic System designation is 92I36 (Chataway Lake). The centre of the Property is located at Latitude 50°20’N, Longitude 120°53’W.

Moag Copper Gold Resources Inc. is the owner of the tenures. **Highbank Resources Ltd.** has an option to acquire a 50% interest in the Property. There is extensive private ownership of land along the valley of Guichon Creek in the eastern portion of the Property. These parcels are shown on Figure 1.



Group	Tenure Number	Claim Name	Map Number	Area	
chat	513149		092I	515.57	
chat	513152		092I	494.76	
chat	513247		092I	515.3	
chat	513248		092I	515.19	
chat	513250		092I	515.52	
chat	514482	GORD 4	092I	515.39	3071.73
skuhun	513242		092I	515.78	515.78
tap	514763		092I	516.52	
tap	515417	TAP2	092I	405.84	
tap	515419	TAP3	092I	413.14	1335.5
mamit	567716	CAPITAL1	092I	411.67	
mamit	567717	CAPITAL2	092I	515.02	
mamit	567719	CAPITAL3	092I	515.19	
mamit	567720	CAPITAL4	092I	494.74	
mamit	567721	CAPITAL5	092I	494.53	
mamit	567837	CAPITAL6	092I	515.57	
mamit	567838		092I	515.87	
mamit	567840	CAPITAL8	092I	516.3	
mamit	567841	CAPITAL9	092I	516.31	4495.2
				9418.21	9418.21

Assessment credit has been claimed for a portion of the expenditures indicated in the present report. Event numbers are: **5091487** & **5091587**.

LOCATION, ACCESS, CHARACTER OF THE REGION

The Highland Valley Property is located in south-central British Columbia, approximately 200 kilometres northeast of Vancouver, and about 50 kilometres southwest of Kamloops. It is accessible by road from Merritt, located on the Coquihala Highway (Highway 5) south of Merritt (see Figure 2). The route to the drilling area follows Highway 8 west from Merritt to Lower Nicola, thence north on a paved road through the western part of the Tap Block, thence along the all-weather Chataway Lake Road (see Figure 1).

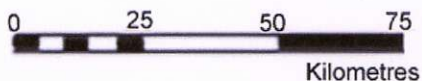
The Property lies mainly atop a high plateau that drops off abruptly toward the Guichon Creek valley to the east. The topography on the plateau is characterized by moderately steep-sided hills with local relief of less than 100 metres except along the western part of the valley of Skuhun Creek, which lies more than 300 metres below the average surface of the plateau. Elevations are highest in the north-western part of the Property, averaging more than 1500 metres in the area surrounding Chataway Lake. Mamit Lake, which occupies a portion of the valley of Guichon Creek, lies below 1000 metres.

The north-western portion of the Property falls within the biogeoclimatic zone classified as *Sub-Boreal Spruce*. To the south and east this is replaced by the *Interior Douglas-Fir* zone. In local terms this means that Lodgepole Pine is supplanted as the predominant tree species by Ponderosa Pine along the more arid lower slopes of the Guichon Creek valley. This transition is apparent in the patchwork of clear-cut logging on the plateau — the result of pine beetle infestation of the favoured Lodgepole Pine.

FIGURE 2

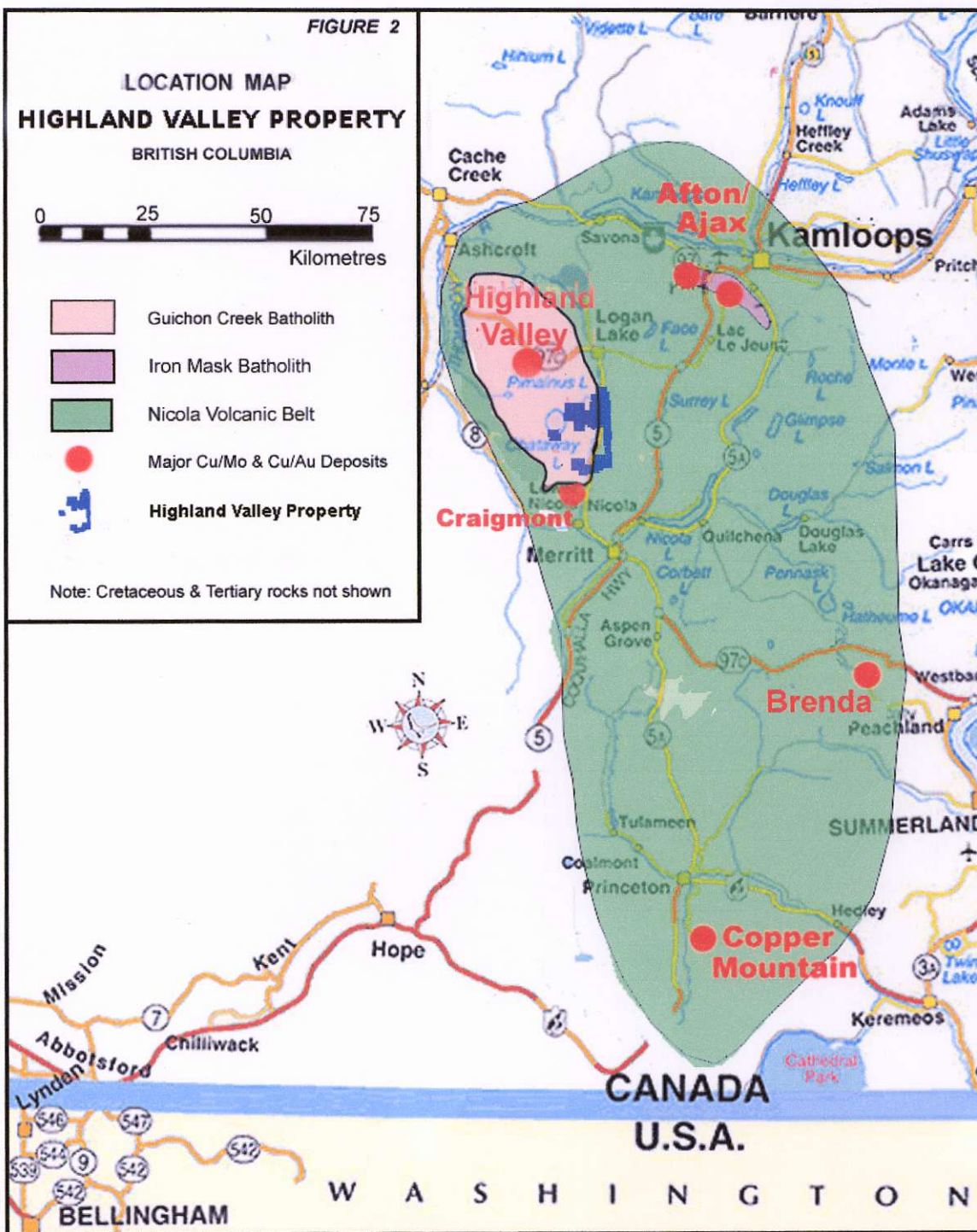
LOCATION MAP
HIGHLAND VALLEY PROPERTY

BRITISH COLUMBIA



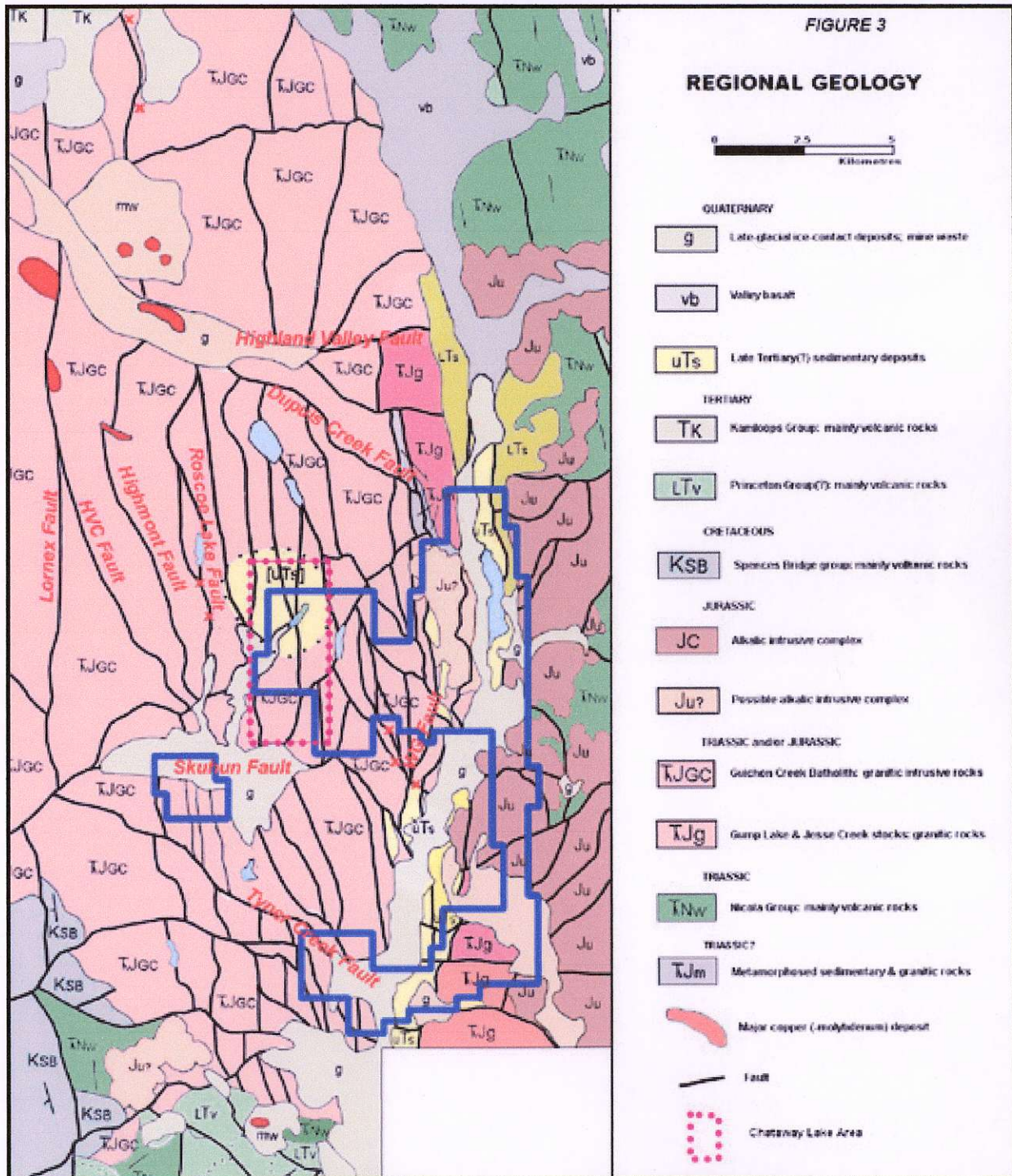
-  Guichon Creek Batholith
-  Iron Mask Batholith
-  Nicola Volcanic Belt
-  Major Cu/Mo & Cu/Au Deposits
-  Highland Valley Property

Note: Cretaceous & Tertiary rocks not shown



GEOLOGICAL SETTING

Chataway Lake is located in the east-central portion of the Guichon Creek batholith, about 10 kilometres southeast of the major mines of the Highland Valley district. Figure 3 illustrates the pattern of the faulting within the eastern portion of the batholith, based on photo-geology.



The Property is located astride the south-eastern margin of the Guichon Creek batholith (Fig. 3). This large igneous intrusion is an elliptical body approximately 60 kilometres north-south by 30 kilometres east-west. It was emplaced into rocks of the Nicola Volcanic Belt in Late Triassic to Early Jurassic time. Several stages of intrusion have been identified, with the oldest intrusive phase located around the periphery and the youngest at the centre of the mass. The following account is based mainly on McMillan (1978) and Casselman et al. (1995).

More than half a century of detailed geological study has resulted in a generally accepted classification of the various phases and phase-varieties of intrusive rocks. Except for the Border Phase, which includes quartz diorite and diorite, most of the rocks in the batholith are mapped as granodiorite, along with lesser amounts of quartz monzonite. Although important variations in chemical composition are apparent in the laboratory, textural differences play the most significant role in distinguishing phases and varieties in the field. In general, the rocks tend to be porphyritic to some extent; the larger phenocrysts are hornblende, biotite and magnetite. Dike rocks related to the younger phases of the batholith are common and these may extend for considerable distances into the older adjoining phases.

The Border Phase is depicted on government geological maps as a nearly continuous girdle around the periphery of the batholith. It is darker in colour than the later intrusive phases and includes a considerable amount of quartz diorite in addition to granodiorite. Rocks that are more mafic in composition, including diorite and gabbro, are present locally along the margin. These rocks are reflected in geophysical surveys as a zone of high magnetic intensity. They are considered by some geologists to be "hybrid" rocks that have consumed quantities of the adjacent Nicola volcanic rock. My recent mapping in the eastern part of the Property suggests that some of the quartz-deficient rocks along the margin of the batholith are part of a younger intrusive phase rather than older hybrid intrusions. The Highland Valley Phase underlies more than half of the exposed area of the Guichon Creek batholith. This phase includes the Guichon variety and the younger Chataway variety as well as various intermediate and more localized varieties. The Guichon variety (along with the Border Phase) underlies the eastern portion of the batholith, including the eastern part of the Chat Block and the western part of the Tap Block. The Chataway variety is present in the central and western parts of the Chat Block. The Chataway Lake drilling area is underlain mainly by rocks of the Chataway Variety adjacent to, and possibly overlapping, the contact with the Bethlehem Phase

The Bethlehem Phase of the intrusive sequence is believed to have been coincident with the earliest period of porphyry copper mineralization in the Highland Valley district (Casselman et al., 1995). [I have not seen any evidence to substantiate this.] The outcrop area is confined mainly to a rather narrow strip east of the Bethesda Phase. However, both field and aeromagnetic evidence suggest that rocks of the Bethlehem phase may be present at depth

beneath a large area that extends to the east across the Chat Group and along the Southeast Belt as defined below.

The Bethsaida Phase was the final major intrusion that formed part of the central core of the Guichon Creek Batholith. The very large copper and copper-molybdenum deposits of the Highland Valley mining district are enclosed within this core and in the adjacent rocks. The Bethsaida Phase terminates a short distance to the north of the major deposits that it encloses. The Skuhun Block and the westernmost part of the Chat Block are located along the margin of the Bethsaida/ Bethlehem core.

Photo-geological interpretation has outlined a number of regional faults within the portion of the Guichon Creek batholith that includes the Property. Most of them were not clearly defined previously. Particularly prominent are a swarm of faults with a general north to north-northeast trend that I refer to as the "north-south regional faults." These faults appear to have been active following the intrusion of all of the major phases of the batholith. The strike of these faults tends to be somewhat sinuous. [The very straight north-south Lornex fault, which offsets the Lornex and Valley Copper segments of the main Highland Valley deposit, is an Eocene feature and not a part of the 'north-south' swarm.] An astonishingly large proportion of significant copper occurrences within the batholith, including all of the major deposits, appear to be associated with regional faults of this orientation. The HVC fault appears to have been offset by the Lornex fault within the main Highland Valley Copper deposit. The Highmont orebody is located astride the Highmont fault. The JA, Bethlehem, Krain and South Seas deposits in turn are located adjacent to a north-south fault that could be the northerly extension of the Highmont fault. The Roscoe Lake fault is occupied by two copper prospects south of the eponymous lake and it extends north to the vicinity of the JA deposit. The former Alwin mine is located adjacent to a north-south fault west of the Valley Copper deposits. The No.4 Zone and the Wiz "mine" south of the Chat Block are associated with south-southwest faults that probably are part of the "north-south" set. Farther to the southeast, Dot Resources Ltd. has recently published a copper resource estimate on several zones that appear to follow "north-south faults". The former Craigmont mine is located in volcanic and sedimentary rocks of the Nicola Group adjacent to the southern margin of the Guichon Creek batholith. A regional "north-south" fault appears to project into mine area, but the immediate vicinity is obscured by younger cover.

Each of the major deposits in the Guichon Creek batholith was emplaced at the junction of one or more interpreted "north-south" faults and an interpreted regional "east-west fault." This special condition does not appear to apply to any of the less significant copper occurrences in the region except for the Alwin Mine.

REGIONAL MINERALIZATION MODEL

The mines of the Highland Valley copper district, which are located between 8 and 14 kilometres northeast of the Chat Group, are obvious target models. These are the largest producers of copper in Canada, and they generate a substantial tonnage of molybdenum as well. The Highland Valley mines are classified as porphyry copper and copper-molybdenum deposits of the calc-alkaline type. They include several very large orebodies (150 million to more than one billion tonnes) that are spatially associated with regional faults, but that are not obviously aligned along faults except for the unmined JA deposit, which is elongated parallel to the "east-west" Highland Valley fault zone, possibly due to later fault offsets. Almost all of the mineralization occurs along fractures -- and fracture density is the most important factor influencing ore grade (Casselman et al. (1995). North-south and east-west fracturing appears to be dominant (Highland Valley Copper mine staff, pers. comm.) The copper minerals are bornite and chalcopyrite. Pyrite is present, but it is not abundant in the ore. The average ore grade depends to some extent on copper price but historically fell within the range of 0.30 to 0.45%. The total sulphide content of an orebody may be less than 2%. The mineralized zones are not enriched in magnetite. Consequently, geophysical techniques other than induced polarization (IP) are ineffective, and even the IP response over a major deposit may be relatively weak, particularly if molybdenum is a co-product. This problem is exacerbated on the plateau surrounding Chataway Lake, where deep oxidation beneath an ancient land surface has resulted in a drastic reduction of the metallic-mineral content of the near-surface rocks.

The major copper deposits of the Highland Valley area are found mainly within the Bethsaida and Bethlehem phases of the Guichon Creek batholith. However, ore-grade mineralization extends into the adjacent, somewhat older, intrusive rocks, particularly in association with high-level dikes and intrusive breccia. This is not to say that the remainder of the batholith lacks widespread indications of copper mineralization. "Vein-type" deposits have been explored and mined on a very small scale for more than a century within an area southeast of the property. (These are more properly referred to as shear-related deposits). Most of them occur along or adjacent to north- to north-northwest-trending regional faults.

As noted above, the photo-geological interpretation outlined a number of very continuous faults within the Guichon Creek batholith that I have termed "north-south regional faults." An astonishingly large proportion of the known mineral occurrences in the region, including all of the major mines and the smaller Alwin, Krain, South Seas, Yubet and Dot deposits, appear to be spatially associated with these structures. The recent copper discovery by Happy Creek Minerals west of Chataway Lake has a linear north-south orientation. It appears to be related to a cluster of minor faults located east of and parallel to the Roscoe Lake fault.

It is evident that an individual north-south regional fault zone by itself is unlikely to provide the “stockwork” fracturing that is the hallmark of the Highland Valley deposits. This requirement could be fulfilled either by cross faulting or by stresses associated to high-level intrusions and intrusive breccias. Regional east-west faults have been interpreted to intersect all of the major copper deposits.

[A well defined linear feature that follows the valley occupied by Chataway Creek & Chataway Lake is interpreted to reflect a regional northwest-trending fault. This structure was a major factor in the planning of the diamond drilling program, since deep overburden across the broad valley inhibited previous exploration. The age of the “Chataway Creek” fault is unknown. However, the possibility that the structure might have provided pre-ore fracturing was too vital to ignore.]

DIAMOND DRILLING

BACKGROUND

The 2011 diamond drilling program was based mainly on the recent exploration work carried out by the co-owners of the Property. This work is described in Assessment Reports (Bergey, 2007; Bergey, 2009; Bergey, 2011). Figure 4 shows the location of the seven diamond drill holes in relation to the geology of the Chataway Lake Area and the geochemical and geophysical surveys.

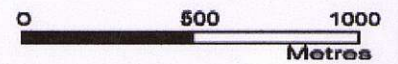
Remnants of a thin sedimentary unit of probable late Tertiary age surround the lake, and Late-glacial melt-out deposits underlie the Chataway Creek valley and its surroundings. As a result, the bedrock to the area west and southwest of Chataway Lake is covered almost entirely by transported cover material. The overburden is particularly thick along the valley southwest of Chataway Lake. Several previous drill holes failed to reach bedrock at depths of up to 100 metres. The nearly continuous transported cover has severely impacted on geological and geochemical prospecting and on soil geochemical sampling.

The Mobile Metal Ion (MMI) geochemical technique was utilized as a means of detecting mineralization beneath the overburden. The MMI technique has been proven to be useful in this regard, but it is difficult to interpret and its depth limitations in the British Columbia are poorly understood. Samples were collected by Highbank Resources along widely spaced lines in several parts of the Highland Valley Property, including the Chataway Lake Area, as a test of the effectiveness of the method.











FIGURE 4

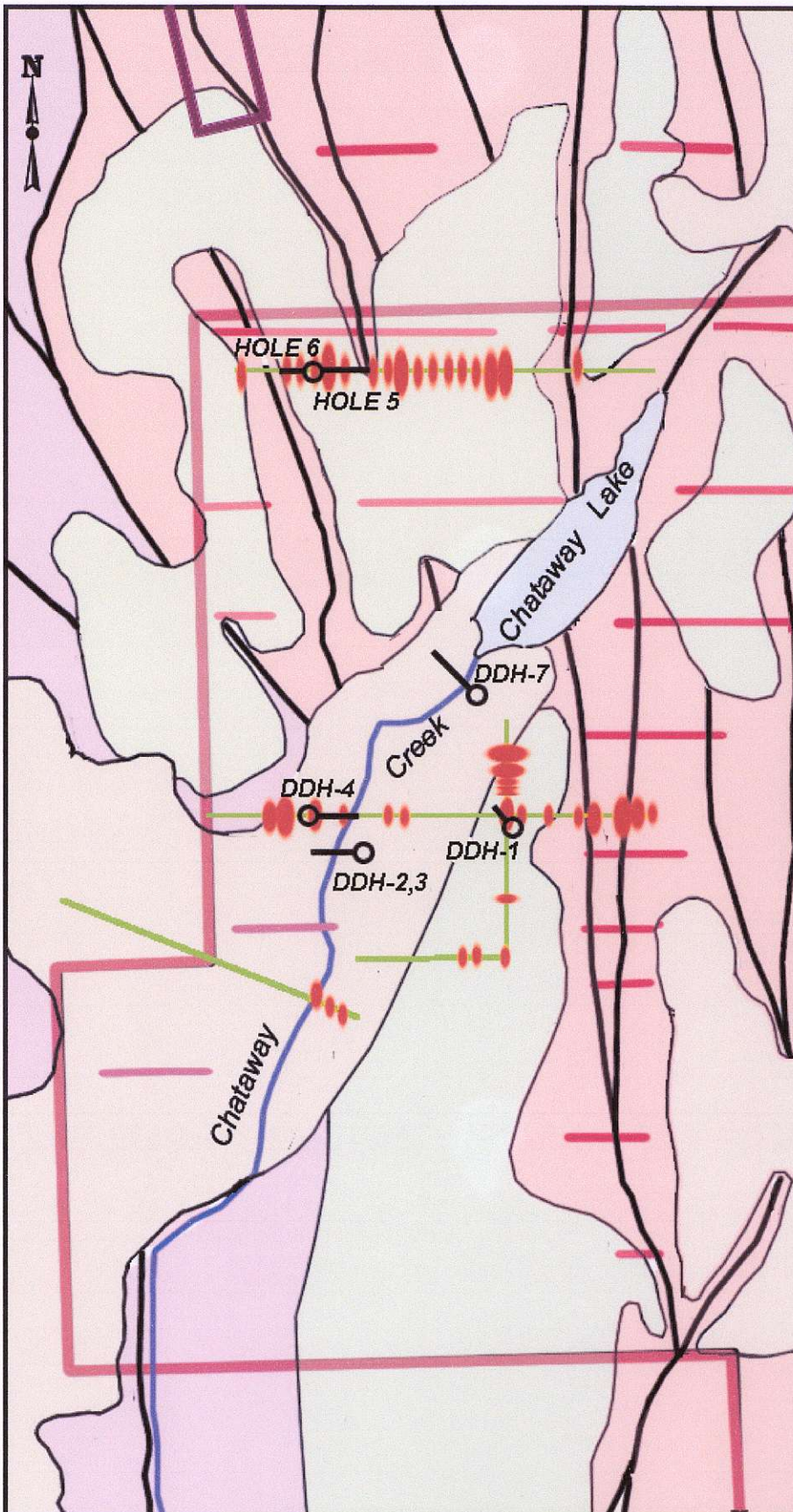
CHATAWAY LAKE AREA
 SHOWING DIAMOND DRILL HOLES,
 GEOLOGY, AND THE RESULTS OF
 PREVIOUS TECHNICAL SURVEYS

SCALE 1 : 20,000



LEGEND

-  Mainly ice-contact deposits
-  Late-Tertiary lake-bed deposits
- GUICHON CREEK BATHOLITH**
-  Bethlehem Phase
-  Highland Valley Phase
-  Interpreted fault
-  DDH-4 Diamond drill hole
-  MMI interpretation
- Induced polarization interpretation:**
-  Metal factor (1972)
-  Chargeability (1993)
-  Happy Creek Minerals Ltd. No. 2 zone (approx. loc.)



Extensive Induced Polarization (IP) surveys have been carried out in the map area. The anomalous indications shown on Figure 4 were taken from Hallof & Mullan (1972), and Walcott (1993).

Seven diamond drill holes were completed in the 2011 program, for a total length of 1548 metres. The drilling was supervised by the author. Core logging and the selection of samples for assay were carried out by Brian Callaghan. The samples were assayed by Agat Laboratories, using an Aqua Regia Digestion – Metals Package, ICP-OES finish.

DISCUSSION OF THE DRILLING RESULTS

DDH 11-1

In the mid-1960's, electromagnetic and shallow IP surveys indicated interesting anomalous zones south of Chataway Lake. Subsequent drilling was carried out by Chataway Exploration. A news release in the George Cross News Letter of February 8, 1967 (quoted in Troup, 1992) stated that copper mineralization had been intersected in 4 diamond drill holes and gave an inferred resource of 544,320 tonnes grading 1.58% copper. Since no follow-up to these results has been recorded, it can be inferred that the quoted results were tainted. However, the MMI test line in the vicinity was positive and it was considered possible that the lack of follow-up was due to the absence of conventional soil geochemical indications because of the transported overburden that covers the entire prospect area.

The drilling site has been logged but we were able to identify the old roads and several drill sites. DDH 11-1 was drilled through the centre of the group of putatively mineralized holes. No significant mineralization was encountered. However, about half of the samples showed elevated copper values. The drill log indicated that there was scattered, weak mineralization in weakly altered granodiorite.

DDH 11-2

The distinct linear feature defined by Chataway Lake and Chataway Creek was interpreted to reflect a northeast-trending regional fault. This interpretation was supported by the indication of a strong resistivity anomaly in the 1993 IP survey. A wide area along the interpreted fault zone is covered by thick overburden – and this area had not been tested by drilling except along the margins.

DDH was collared a short distance east of Chataway Creek, and was drilled due west. The hole intersected fractured and altered granodiorite at a depth 123 metres. The hole was abandoned when the casing twisted off during reaming of the fractured bedrock.

DDH 11-3

This hole was drilled at a steeper angle from the same site as the previous one. The rock was highly fractured, but no significant mineralization was noted in the logs or in the core assays.

DDH 11-4

Since the dip of the interpreted Chataway Creek fault was unknown, this hole was drilled from west to east at a site about 100 metres north and 200 metres west of DDH 11-3 in case DDH 11-3 missed the zone because of a west dip. The results were very similar to those in the previous hole. No significant mineralization was indicated. However, there were numerous fractured and altered sections, some with elevated copper values.

DDH 11-5

The hole was drilled to the east to test an interpreted north-south fault within a wide zone of anomalous MMI indications. The anomaly was located along the apparent projection of the No.2 Zone, which was discovered by Happy Creek Minerals Ltd. about a kilometre to the north-northwest. Sections of potassic and argillic alteration were more numerous than in previous drill holes and elevated copper values also were more common. The only significant assay was 0.25% copper over 2.0 metres.

DDH 11-6

The hole was drilled toward the west from the same site as the previous one in order to test the western part of the same target. This hole intersected the best mineralization encountered in the drill program. The best section averaged 0.12% copper over 15 metres. A 2-metre section deeper in the drill hole averaged 0.65% copper over 2 metres. Silver correlates strongly with copper, but there are no correlations with other metals.

The strongest mineralization was noted within zones of alteration (argillic, potassic), shearing, and fracturing. Chalcocite occurs along slips and pyrite appears to be rare, indicating that oxidation of sulphides occurs to a depth of at least 100 metres. This oxidation is typical of the Chataway Lake area, as mentioned earlier. The late Tertiary(?) erosion surface is located at the base of the "overburden" at a depth of about 20 metres in the drill hole.

DDH 11-7

The hole was located close to the southern tip of Chataway Lake and was drilled toward the northwest. It was intended to test the interpreted Chataway Creek fault within an extremely low resistivity anomaly. Assays are all very low (background levels) except for a 2-metre section of 0.21% copper.

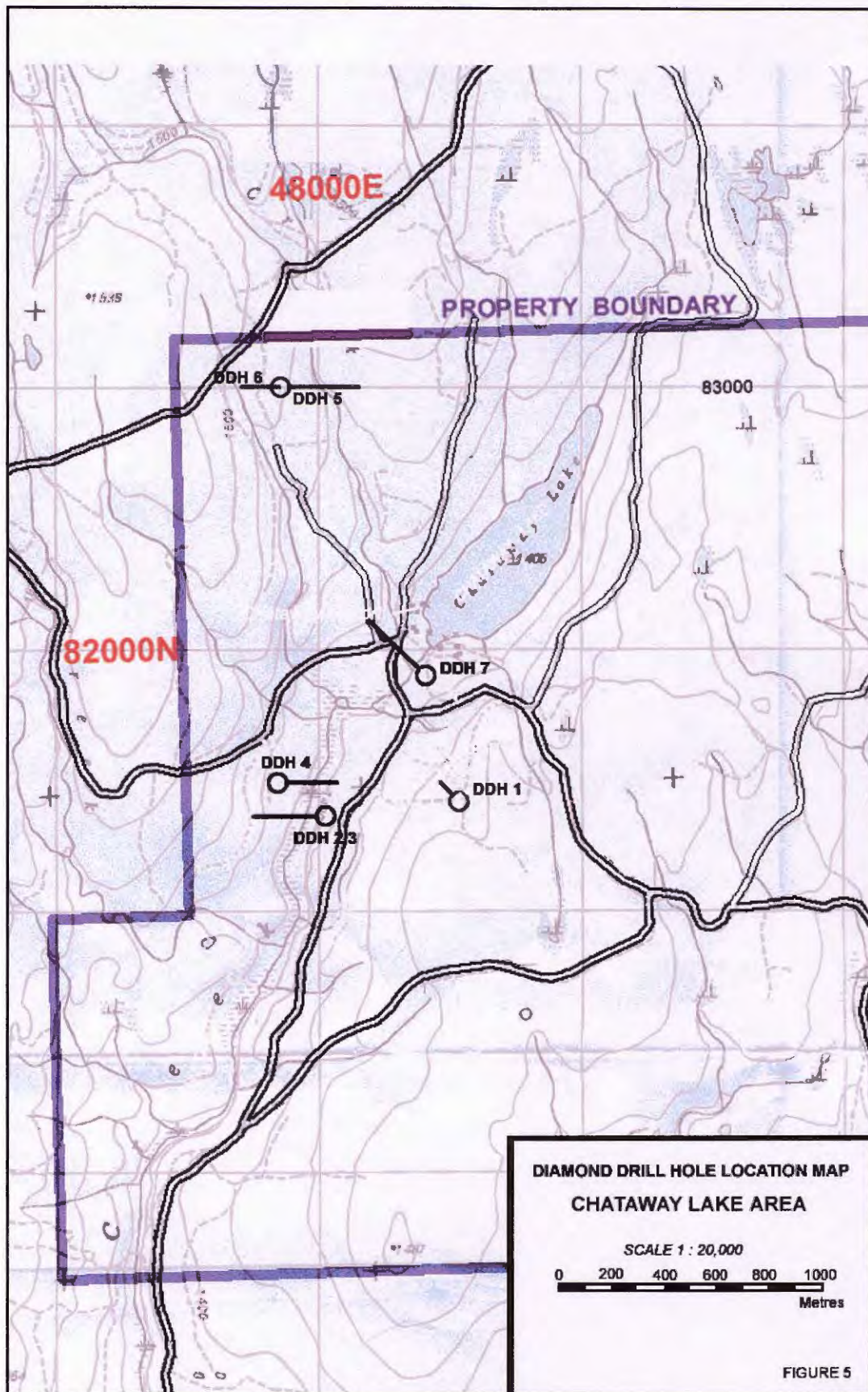
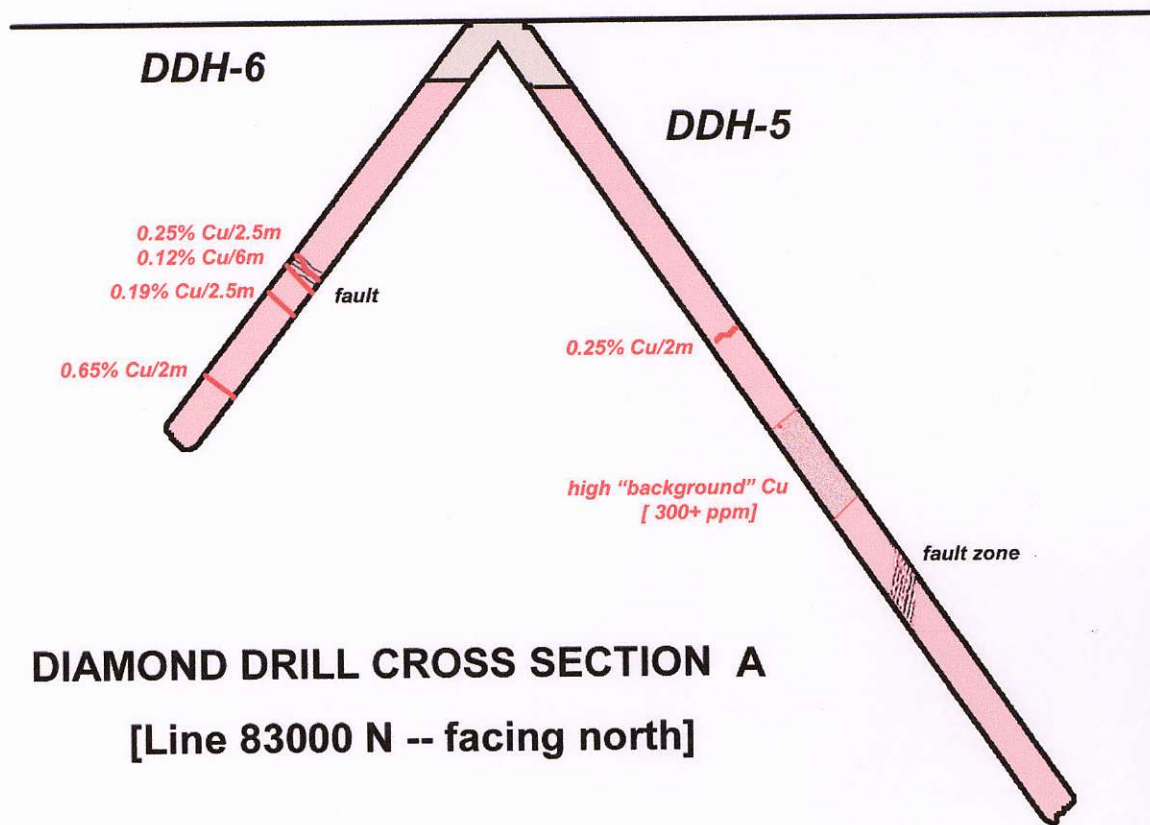


FIGURE 5



DIAMOND DRILL CROSS SECTION A
[Line 83000 N -- facing north]

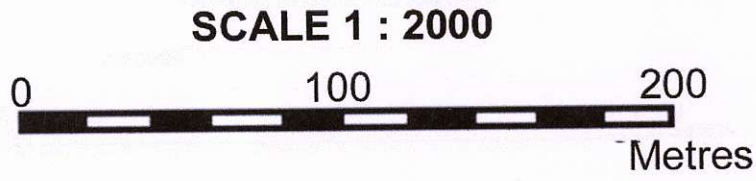
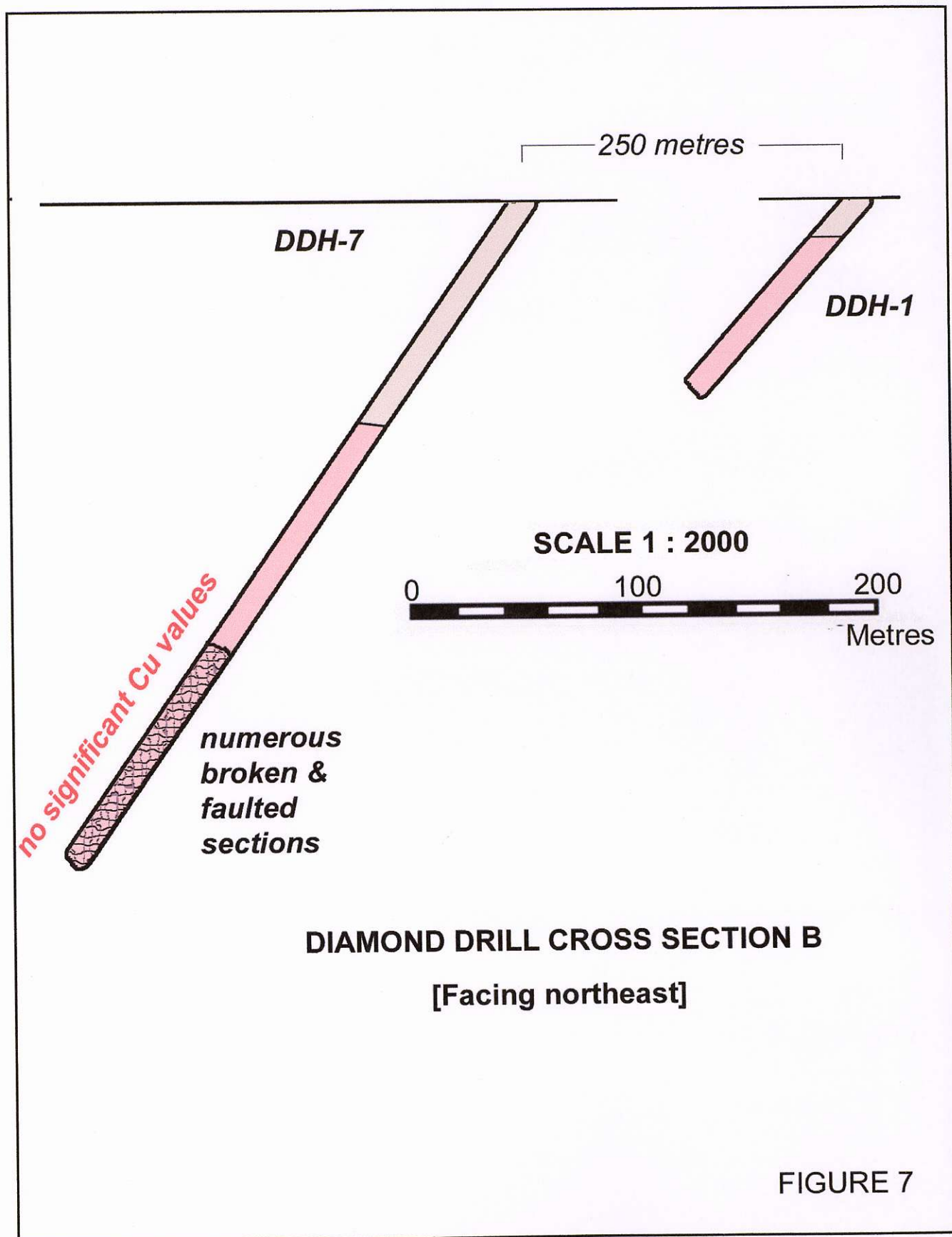
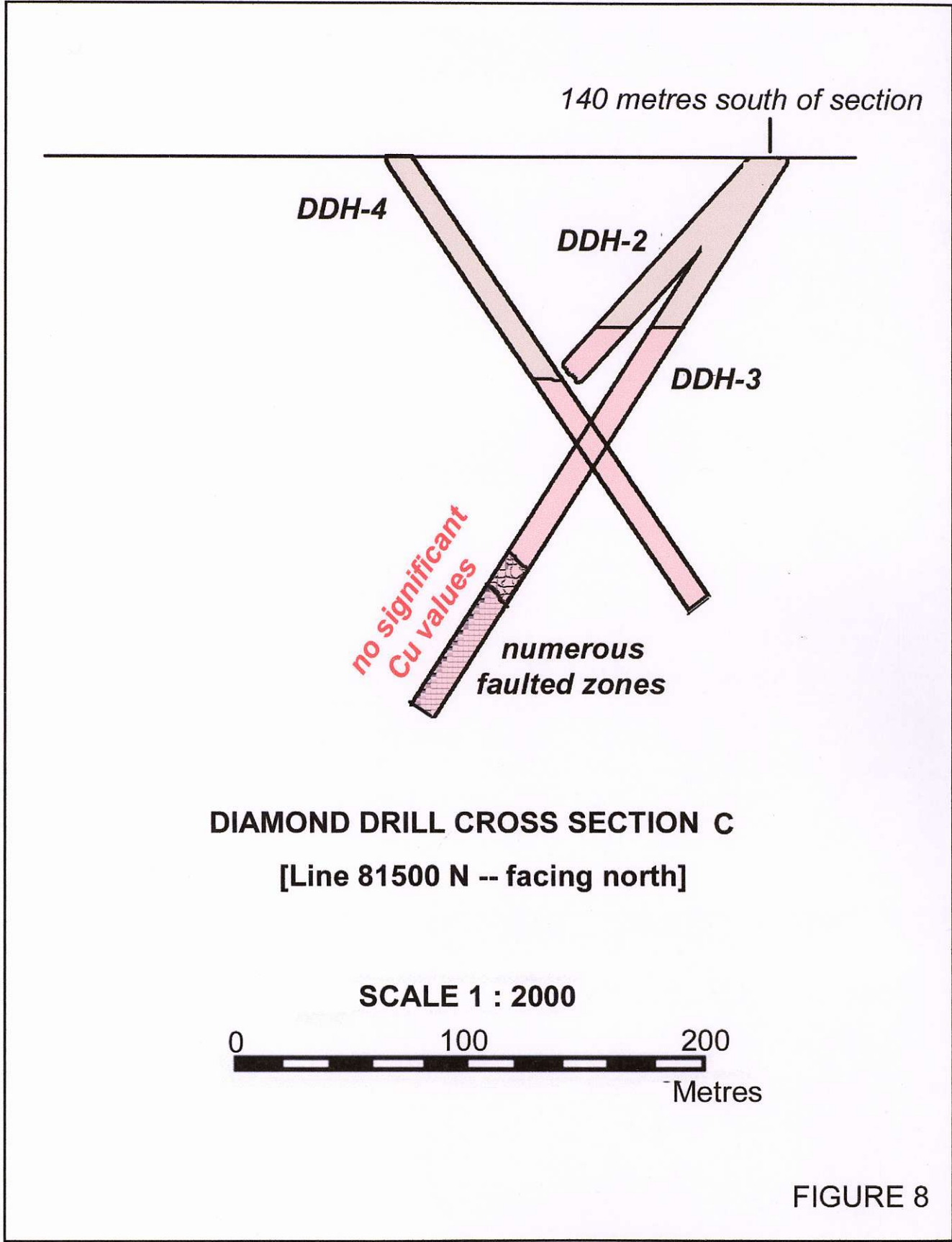


FIGURE 6





CONCLUSIONS

1. The three diamond drill holes that were intended to investigate the previously untested Chataway Creek fault zone were almost completely barren of copper mineralization. There was little evidence of intense deformation or "gouge" to indicate discrete faults. However, fairly intense open fracturing is abundant in the core and this presumably accounts for the topographic and geophysical expression of a regional structural zone. It is possible that a more distinct fault lies west of the drilling area. In any event, the lack of mineralization suggests that the northeast-trending "Chataway Creek Zone" is a post-ore structure.
2. The significant mineralization encountered in DDH 11-6 is associated with more distinct evidence of faulting – fault gouge and slickensides. This mineralization appears to be located on the southward extension of a mineralized zone previously identified on the adjoining property. The zone follows a fault that was previously interpreted by photo-geology. There is considerable evidence that north-south faults may have acted as conduits for hydrothermal fluids. However, wider zones of mineralization appear to be associated with lesser parallel structures. These can be identified on the air photos only under exceptional circumstances – e.g., in recent clear-cuts.
3. The "Chataway Zone" test south of Chataway Lake failed to identify significant copper mineralization, although elevated copper values were indicated in the core. The reported mineral resource almost certainly was a fabrication, deliberate or otherwise.
4. The results of the drilling support the usefulness of the MMI technique under a relatively shallow cover (at least 20 metres) of porous material. Since no deeper mineralization was intersected in the recent drilling, its effectiveness at much greater depths is uncertain.

RECOMMENDATIONS

The mineralized zone encountered in DDH 11-6 should be tested by drilling along the projection of the zone to the south. A similar zone of interest, located a short distance east of the drilling area, is manifested by chargeability & MMI anomalies follows an interpreted north-south regional fault for three kilometres within the Property. Drilling is recommended for this zone as well. Detailed recommendations will be proposed in conjunction with proposals for the testing of drilling targets that have been identified elsewhere on the large Highland Valley Property.

STATEMENT OF COSTS

	<u>Days</u>	<u>Cost/day</u>	<u>Cost</u>	
Drilling Supervision, etc.				
<u>W.R. Bergey, P. Eng.</u>				
Project planning	2	\$600.	\$ 1,200.	
Supervision, site planning	34	\$600.	21,600.	
Assessment report	5	\$600	3,000.	
Field expenses				
Meals (includes helper]			3,920.	
Accommodations			2,151.	
<u>John Beaton</u>				
Construction, core handling	42	\$375	15,750.	
Field & vehicle expenses			12,350.	\$ 59,941.
 Geophysical Survey				
<u>Geotronics Consulting Inc.</u>				
Induced Polarization/Resistivity Survey				
[completion of survey described in AR32325]			\$ 38,749.	\$ 38,749.
 Diamond Drilling				
<u>Frontier Drilling</u>				
Diamond drilling costs: including, hole stabilization & reaming			\$225,039.	
Other expenses: including mud, rod grease, casing, etc.			<u>97,976.</u>	\$323,015.
 Core Logging & Storage				
<u>Brian Callaghan, B.Sc.</u>	17	\$425	\$ 8,925.	
<u>Dean Mason</u>	19	\$410	7,790.	
Travel, room & board			4,280.	
Geoquest Consulting(Callaghan)			11,218.	
Core splitter rental			1,288.	
<u>John Beaton (construction)</u>	7	\$225	<u>1,575.</u>	\$ 35,076.
 Assaying				
<u>Agate Laboratories</u> – 159 samples multi-element package			\$ 2,340.	
Sample pick-up & delivery			<u>611.</u>	<u>\$ 2,951.</u>
			TOTAL	\$459,732.

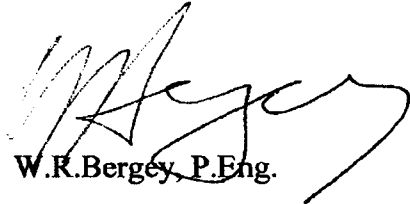
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Respectfully submitted,



W.R. Bergey, P.Eng.

Revised October 25, 2012

CERTIFICATE OF AUTHOR

I, William Richard Bergey, P.Eng., do hereby certify that:

1. I am a Consulting Geologist with an office at 25789-8th Avenue, Aldergrove , B.C., Canada V4W 2J8.
2. I graduated with an Honours Bachelor of Arts degree from McMaster University in 1947. I later attended graduate school at the University of Toronto (Department of Geology), and at Colorado School of Mines (Department of Geophysics).
3. I am a member of the Association of Professional Engineers, Geologists and Geophysicists of the Province of British Columbia, and I am a Senior Fellow of the Geological Society of America.
4. I have worked as a geologist in most aspects of mineral exploration for the past 64 years.

W.R.Bergey, P.Eng.

APPENDIX I

DIAMOND DRILL LOGS

Dip Tests		Drill Hole: C11-01 (West Chat Zone)	Easting (NAD 83): 648520		Hole Azimuth: 315		Started:										
Depth	Az/Dip		Northing (NAD 83): 581400		Hole Angle: -50		Finished:										
			Elevation (m):		Total Depth (m): 108.81m		Logged by: Brian Callaghan										
			Core Size: NQ		Recovery:		Analysis by: Agat Laboratories										
Depth (m)		Description	Mineralization				Alteration Scale: 0 - 5				Sample Number	Interval (m)		Au ppb	Ag ppm	Cu ppm	Mo ppm
From	To		%Py	%Cpy	%Bn	Other	Ksp/Bt	Chl/Ep/Cal	Qtz/Ser/Musc	Kao/Clays		Other	From				
0.00	21.34	CASING															
21.34	101.81	GRANODIORITE/QUARTZ DIORITE Mapped as and possibly represents young phase of Guichon batholith. Light grey pale green mottled, coarse grained blocky with local intense fracturing. 50-60% of interval is competent. Mostly 30-40% subhedral plag, 15-20% qtz, 15% pink k,spar, with up to 10-20% biot+Hb as clusters and laths up to 8mm by 2mm. Scattered xenoliths (intrusive) up to 12cms. Alteration consists of ep+chl+ca +/-hem along fracture surfaces. Localized weak potassic along selvages and patches, localized mod arg overprints ep+ca+se+ze? along fractures into wall rock. Mafics altered to chl+mg. Mineralization- malachite with spec hem+hem+ca+chalcocite? as flecks coat fracture surfaces. 24.70m-24.75m 1 by 3mm @20 tca. Malachite+hem+ca+jr. 27.00m-27.20m ca+clay+chl+hem clay gouge associated with smeared hem+chl+ca fracture coated surfaces @30tca. 30.60m 1 by 1cm @10 tca. White ca+chl+se along vn walls. 33.60m 1 by 4mm @65 tca. Slickensided se+hem+ca+trace malachite. 34.00m-72.50m Characterized by less intense propylitic alteration, more mafic rich and less chl alt,n, more intense mg susceptibility cut by wide spaced salmon pink ca fracture fill locally vuggy. More intense patchy potassic alt,n as halos and envelopes cut by ep+chl+hem+ca +/-malachite fracture fill. 42.35m pale yellow apple green ep alt,n assoc with fracturing of smeared chl alt,d mg and white clays. 42.55m 1 by 1mm @30tca Malachite+hem+lim oxidation along surfaces assoc with interstitial ep+silica+malachite+trace bn. 43.35m Patchy interstitial silica with trace malachite+ca+mg+trace bn fracture fill. 43.35m-54.50m Patchy ep alt,n of plag and potassic alt,n of kspar with minor silica replacement with hairline malachite+tr chalcocite? Blebs locally cut by ep+lim+cl+ca slickensided fracture surfaces at low angles to core axis.					1.0	3.0		2.0	2 mg						
											80260	21.34	23.34				
											80261	23.34	25.24				
											80262	25.34	27.34				
			mal								80263	27.34	29.34				
											80264	29.34	31.34				
											80265	31.34	33.34				
			mal								80266	33.34	35.00				
								2.0	2.0	3mg	80267	35.00	38.00				
											80268	38.00	41.00				
											80269	41.00	43.50				
			mal	tr													
			mal	tr							80270	43.50	46.50				
			mal		tr cha						80271	46.50	50.50				
											skeleton						
											80272	50.50	52.50				

Dip Tests		Drill Hole: C11-02 (West Chat Zone)	Easting (NAD 83): 648020				Hole Azimuth: 270				Started:																										
Depth	Az/Dip		Northing (NAD 83): 581368				Hole Angle: -50				Finished:																										
			Elevation (m):				Total Depth (m): 127.10				Logged by: Brian Callaghan																										
			Core Size: NQ				Recovery:				Analysis by: Agat Laboratories																										
		Mineralization				Alteration Scale: 0 - 5																															
Depth (m)		Description										%Py	%Cpy	%Bn	Other	Ksp/Bt	Chl/Ep/Cal	Qtz/Ser/Musc	Kao/Clays	Other	Sample Number	Interval (m)		Au	Ag	Cu	Mo										
From	To																			Number	From	To	ppb	ppm	ppm	ppm											
0.00	100.85	CASING																																			
100.85	123.85	PRE GLACIAL SEDIMENTS																																			
		Light grey tan mod cemented sand+gravels+cobbles - conglomerate. Consists of 40% subround/round pebbles cobbles in light biege tan sandy silt groundmass. 70% granite pebbles/cobbles up to 10cms, fresh to weak propylitic to weak potassic altered sub round to sub angular cobbles. 30% fine grained aphanitic to mafic phytic andesite to chl altered feldspar phytic andesite volcanic breccia to vesicular basalt with mod magnetic susceptibility. Represents an erosional surface comprised of transported sediments underlying glacial till that are deposited on younger phases of the Guichon Batholith. No iron or copper oxidation.																																			
123.85	127.10	GRANODIORITE															1.0		1.0	2 mg	82085	123.85	127.10														
		Consists of rubble with poor core recoveries. Biotite <Hb subequigranular grey pale green coarse grained granodiorite. Weak ep+chl propylitic alteration along fracture surfaces. Weak to mod mag susceptibility. Alteration -Weak argillic and mafics to chl.																																			
127.10	E.O.H.	Summary																																			
		Hole 2 was one of 2 holes drilled at this site to the southwest and most southerly of the holes drilled south west of Chataway Lake to intersect north south interpreted faults. Pre glacial sediments were encountered below approx 101 metres of overburden before the hole was abandoned at 127.10m due to faulted granodiorite rubble.																																			

Dip Tests		Drill Hole: C11-03 (West Chat Zone)	Easting (NAD 83): 648020				Hole Azimuth: 270				Started:							
Depth	Az/Dip		Northing (NAD 83): 581368				Hole Angle: -60				Finished:							
			Elevation (m):				Total Depth (m): 281.03m				Logged by: Brian Callaghan							
			Core Size: NQ				Recovery:				Analysis by: Agat Laboratories							
Depth (m)		Description	Mineralization				Alteration Scale: 0 - 5					Sample Number	Interval (m)		Au ppb	Ag ppm	Cu ppm	Mo ppm
From	To		%Py	%Cpy	%Bn	Other	Ksp/Bt	Ch/Ep/Cal	Qtz/Ser/Musc	Kao/Clays	Other		From	To				
0.00	128.02	CASING																
128.02	197.10	GRANODIORITEQUARTZ DIORITE	tr					2.0			1.0	3 mg						
		Grey to pale green coarse grained leucocratic unequigranular to equigranular. Biot plag granodiorite with 20-25% Qtz 15% Kspar, 25-30% plag locally up to 15% biot+Hb+/-pn. Alteration mostly variable weak ep+chl+ ca propylitic along fractures and faults. Variable pervasive weak argillic clay alteration. Chloritized mafics up to 8mm replaced with magnetite+ chl. Dull lustered. Core competent over short runs, the rest blocky with crumbly short intervals of limonitic clay fault gouge. Trace py assoc with red oxidation. Minor hairline grey Qtz+chl+ep fracture fill.																
		136.95m-138.10m Upper contact not sharp with intrusive frags with lim+hem oxidized clays @70 tca. For 20cms.																
		141.70m-142.55m Similar fault gouge intrusive material with oxidized lim+hem clays. Lower contact sharp @65 tca.																
		151.80m-153.85m Similar lim+jr clay altered intrusive gouge intrusive frags.																
		157.00m-162.00m More intense weak argillic clay +ser alt,n in blocky intrusive frags with localized chl+hem smeared along 30 deg slickensided fracture surfaces at approx 159.60m.						2.0		2.0	2 mg	80286	157.58	162.58				
		168.70m-169.30m Light grey pale green intrusive clay gouge. Upper c/t 30 tca.																
		169.77m-175.82m Fresh with salmon orange pink ca+white clay+ser fracture fill wide spaced @ 20 - 30 tca.																
		175.62m-177.00m Chl+hem clay serpenitized slickensided fracture surfaces in propylitic + white clay weak pervasive argillic altered intrusive gd.																
		178.80m-183.80m More intense chl+ep+hem propylitic alt,n along fracture surfaces in blocky core.								2.0		80287 skeleton	178.80	183.80				
		188.15m 1 by 1mm @20 tca hem+chl smeared along fracture surfaces.																

Dip Tests		Drill Hole: C11-04 (West Chat Zone)	Easting (NAD 83): 648180		Hole Azimuth: 270		Started:											
Depth	Az/Dip		Northing (NAD 83): 581390		Hole Angle: -55		Finished:											
			Elevation (m):		Total Depth (m): 229.82		Logged by: Brian Callaghan											
			Core Size: NQ		Recovery:		Analysis by: Agat Laboratories											
Depth (m)		Description	Mineralization				Alteration Scale: 0 - 5				Sample Number	Interval (m)		Au ppb	Ag ppm	Cu ppm	Mo ppm	
From	To		%Py	%Cpy	%Bn	Other	Ksp/Bt	Chl/Ep/Cal	Qtz/Ser/Musc	Kao/Clays		Other	From					To
0.00	115.82	CASING																
115.82	229.82	GRANODIORITE/QUARTZ DIORITE					1.0				2.0	2 mg						
		Pale grey to cream to pale green mottled coarse grained non equigangular Compositionally variable Hb plag granodiorite to qtz diorite with 20-25% qtz, 30-35% na plagioclase feldspar, 10-15% Hb+biot, 10-15% Pot feldspar. Core blocky to 156.00m with 80-90% rubble and fragments. Alteration varies between wk to mod argillic with clay+ca replacement of plag and weak propylitic chl alteration of Hb. Biot subhedral fresh in intervals with wide spaced k,spar selvages overprinted with argillic white clay alteration. Fracture surfaces are mostly coated with white clays+se with wk lim +/- hem oxidation. Continuity of blocky rubble core frags maybe associated with N/NW fault structures. Weak to mod magnetic susceptibility. 128.20m Dark green slickensided fracture surfaces in white clay groundmass with locally flow banded mafic phenos along the fracture that runs sub parallel tca. 134.40m 4 by 1mm over 15cms clay+lim+ca fracture fill @30-40 tca cut by 1 by 2mm ca+ep+lim oxidation. 142.34m-142.56m Ep+chl+ca+hem pale green clay fault gouge. Lower contact sharp @ 50 tca mostly rusty hem. 142.95m Interstitial qtz+malachite +tr native copper assoc with slickensided ep+chl+sc along fracture surface @20 tca. In potassic alt,d selvage. 148.20m 1 by 4cms @35 deg tca potassic alt,d selvage with 1mm core of interstitial silica+malachite + tr bn. Core mostly blocky with rubble and frags with intervals of slickensided hem+chl pale green clays with blocky kspar selvages wide spaced in propylitic + arg alt,d intrusives. 154.23m -171.70m More competent less blocky with weak argillic alt,n with wide spaced k,spar selvages. 172.00m Start of blocky core with short intervals of clay gouge.																
													80294	142.34	144.34			
													80295	144.34	147.34			
			mal			n cp	1.0	1.0		2.0								
			mal				1.0	1.0		1.0			80296	147.34	149.34			
													80297	149.34	151.34			
													80298	151.34	154.34			

Dip Tests		Drill Hole: C11-05 (West Chat Zone)	Easting (NAD 83): 647840				Hole Azimuth: 090				Started:						
Depth	Az/Dip		Northing (NAD 83): 581490				Hole Angle: -55				Finished:						
			Elevation (m):				Total Depth (m): 301.45				Logged by: Brian Callaghan						
			Core Size: NQ				Recovery:				Analysis by: Agat Laboratories						
Depth (m)		Description	Mineralization				Alteration Scale: 0 - 5				Sample Number	Interval (m)		Au ppb	Ag ppm	Cu ppm	Mo ppm
From	To		%Py	%Cpy	%Bn	Other	Ksp/Bt	Chl/Ep/Cal	Qtz/Ser/Musc	Kao/Clays		Other	From				
0.00	24.38	CASING															
24.38	108.50	GRANODIORITE					3.0	1.0		2.0							
		Pale grey to salmon orange to pale cream mottled, coarse grained with 30% anhedral Qtz, 20% K feldspar, 20% plag anhedral, 15-20% biot+hb. Alteration varies in intensity and type and consists of mostly weak to moderate potassic ksp+qtz+biot alteration as envelopes+selvages weakly overprinted with argillic clays. Fracture controlled ep+chl+hem alt,ns halos and along shears with slickensided surfaces cut the pervasive potassic alt,d zones. Traces of malachite+/-trace bn assoc with ksp+sec Qtz+sc on fracture surfaces along propylitic altered fractures. Wide spaced secondary Qtz occurs as stringers and as rare microveinlets in ksp altered zones. Replacement mg assoc with weakly chl altered mafics. Weak lim oxidation along fractures. Core mostly competent with blocky clayey fragments at collar for 40cms. Occasional intermediate to mafic granular melanocratic diorite/gabbro pn mg xenoliths up to 35cms.															
		26.50m-27.50m 7/m up to 3mm @70 deg tca. Ep+ca+/-chl in ksp patchy alt,n.					2.0	1.0		1.0			80308	24.38	27.38		
		31.55m 1 by 3mm malachite+qtz+ksp along 70 deg fracture with tr native cu+bn in locally pervasive weak ksp alt,n.	mal	tr	tr	ncu							80309	27.38	29.38		
		38.60m 1 by 1.5cms @50 deg tca. Pink massive ca vng with dark green chl rimming walls.											80310	29.38	31.38		
		39.40m-39.90m Vuggy pink orange ksp+ca stockwork vng in blocky core.											80311	31.38	33.38		
		39.90m 1 by 1cm @50 deg tca. Orange ca+ep+qtz+mal+trace bn	mal	tr									80312	33.38	36.38		
		41.75m 1 by 7mm @30 deg tca grey Qtz+mal+ca+ksp+bn blebs.	mal	tr			3.0	1.0		2.0			80313	36.38	38.38		
		43.00m-43.35m Fine grained granular Intermediate/mafic diorite xenolith					2.0	1.0		1.0			80314	38.38	40.38		
		Ca+chl+ep+hem+qtz with +/-bn in patchy to pervasive weak potassic alt,d in GD.											80315	40.38	42.38		
		44.10m-44.50m 8 by 2mm-4mm @80 deg tca. Pink ca+qtz+chl+hem+tr bn.				tr							80316	43.35	46.10		
		46.10m-46.55m 4 by 2-5mm @30 tca. Ca+qtz+hem+hem+ksp + mal+tr bn.	mal	tr			3.0	1.0		1.0			80317	46.10	48.60		
		48.42m 1 by 3mm @ 80 deg tca ep+ca+qtz+biot.					3.0	1.0		2.0							
		48.77m 2 by 3mm @ 50 deg tca. mal+ca+qtz+ tr bn+ tr chalcocite?	mal	tr	chalc		3.0	1.0		2.0			80318	48.60	50.60		

130.70	145.60	GRANODIORITE				2.0	1.0		2.0		80330	133.70	136.70				
		Interval with more intense potassic with clay+sc alt,n cut by qtz+chl+vuggy ca fracture fill @ 60 deg tca.															
		139.29m-139.95m Core blocky with hem clays at upper c/t. Intense potassic alt,n with replacement silica cut by hem+chl+ep+clay+ca fracture fill with mod argillic clay alt,n at lower contact @60 deg tca.				3.0	1.0		2.0	1.0	80331	139.30	142.30				
145.60	146.40	APLITE/ GRANODIORITE					1.0			1.0							
		Pale salmon pink aphanitic fine grained aplitic granular intrusive with interstitial sugary k feldspar, non magnetic, 3% mafics, with specular hem.															
		Upper c/t @60 deg tca.															
146.40	207.05	GRANODIORITE				1.0	1.0		2.0	3.0	80332	154.90	157.90				
		Same as at interval 130.70m-145.60m. Fresher with wider spaced kspar alt,n as envelopes with ca+/-gypsum?+ ep no visible copper mineralization.															
		154.92m-155.10m Kspar envelope with green chl+ep+grey qtz with minor ca stringers. Alteration 40 deg tca.				2.0	1.0		2.0	1.0	80333	159.20	161.20				
		160.80m 1 by 5mm @20 deg tca. Semi massive chalcocite +trace bn in qtz+ab? gangue centred in kspar envelope.		tr	chal c	2.0	1.0		2.0	1.0							
		171.38m-171.65m Kspar envelope assoc with ca+chl+hem fracture fill@30 deg.									80334	170.80	172.80				
		172.40m-174.96m Weak to mod kspar alteration assoc with hem+ca+chl +clay fault gouge that's extends for 60cms in blocky core and for 20cms @174.96m.				3.0	2.0		1.0		80335	172.80	174.96				
		174.96m-177.00m More intense pervasive kspar over short intervals assoc with blocky intense propylitic alt,d fracturing.					1.0		2.0		80336	174.96	176.96				
		182.50m-184.50m Mod arg with wide spaced kspar envelopes with occasional black sooty replacement patches- mg+chalcocite?				1.0	1.0		2.0		80337	182.40	184.40				
		186.20m 1 by 5mm @30 deg tca. Vein qtz+chl+iron oxide with semi massive chalcocite+patchy bn+native cu surrounded by kspar envelope.		tr	chal c n cu						80338	185.00	187.00				
		189.50m Salmon orange ca fracture fill @40 deg up to 5mm assoc with interstitial chalcocite+bn blebs +malachite+qtz+ep+fe oxide fracture fill in kspar biot+ mg alt,n.		mal	tr						80339	189.00	191.00				
		191.35m localized qtz stringers in kspar+2nd biot alteration with vn malachite+chalcocite +bn @30 deg and in interstitial qtz. Localized wavy flow banding.		mal							80340	191.00	193.00				
		193.85m Kspar alt,n with matrix interstitial qtz with salmon orange ca fracture fill cut by slickensided black chl iron oxide smeared bn? Fracture fill @70 deg.			tr						80661	Duplic					
		198.20m Chl+iron oxide +native cu tr bn? Along 30 deg slickensided fracture surfaces .			tr	n cu					80341	193.00	195.00				
		198.50m-204.00m Core mostly cream pale green white with blotchy kspar alt,n lim oxidation+sc cut by propylitic chl+hem with slickensided fracture surfaces. Core is overprinted with mod arg alt,n and cut by micro interstitial qtz vnits with native cu and tr chalcocite?									80342	195.00	197.00				
											80343	197.00	199.00				
											80344	202.00	204.00				
											80345	204.00	206.00				
		205.00m-207.05m Increase in Kspar alteratioin towards faulted granodiorite.									80346	206.00	208.00				

207.05	219.35	FAULT GRANODIORITE					3.0	2.0		1.0									
		Upper contact @50 deg tca and consists of clay+ ca fragmental gouge with intervals of competent pervasive potassic +propylitic chl+hem altered GD.										80347	208.00	210.00					
												80348	210.20	215.20					
219.35	301.45	GRANODIORITE					1.0	1.0			3.0	skeleton							
		Same as at interval 146.50m-207.05m with grey pale green mottled with beige orange patchy potassic alteration as envelopes associated with 50 deg ep+kspar with +/- lim assoc with fractures. Generally fresher less argillic. Hence, grey with patchy bleached kaolin alteration.										80349	215.20	219.35					
		Scattered wide spaced blotchy replacement interstitial mg.										skeleton							
		Wide spaced orange pink ca fracture fill up to 3-5mm wide spaced @20-30 deg.																	
		231.80m 1 by 1cm grey qtz+chl+ca+chalcocite+bn blebs along vn.											80351	231.00	233.00				
		234.60m 1 by 1cm @20 deg tca massive malachite+bn+trace azurite+chalcocite? associated with more pervasive kspar alteration.	mal	tr									80352	233.00	235.00				
		239.20m-239.55m Hem+chl+ca+clay fault gouge. Lower c/t 70 deg tca.											80353	239.00	241.00				
		249.89m-249.95m kspar alt,n @ 70 deg tca with kspar+biot+ kaol alt,d with interstitial grey qtz. No visible sulphides.																	
		255.22m-255.80m More intense argillic alt,d with bleached pale green white clays cut by grey qtz+kspar stringers. Locally wavy fabric.											80354	255.20	257.20				
		253.00m-269.00m 15/2m sheeted vns mostly @60 deg tca from 2-5mm salmon orange pink crystalline kspar+ca.					1.0	1.0		1.0	3.0								
		272.70m-273.40m More intense kspar alt,n cut by ep+qtz stringers @ 50 deg tca.					2.0												
		276.15m-277.45m blocky more intense kspar alt,d cut by ep+ca+kspar+qtz vnlt with trace py cubes assoc with iron oxide.	tr										80355	276.15	278.15				
		282.00m-282.30m similar to interval at 276.15m-277.45m.											80356	282.00	284.00				
		288.45m-301.45m C/t with 1 by 3cms @40 deg tca mod argillic altered frags with ca+clays. The whole interval is blocky with competent intervals seperated by chl+hem+ca alt,d rubble and hem clay gouge.					1.0	1.0		2.0			80357	286.45	288.45				
													80358	292.00	294.00				
													80359	294.40	297.40				
													80360	297.40	299.40				
													80360A	CU 182					
301.45	E. O. H.												80361	299.40	301.45				

Summary

Hole 5 was drilled to the east and located south west of Chataway Lake in the southwest corner of the claim block to intersect a northsouth interpreted fault zone. This hole was collared in less overburden cover and bedrock was reached at 24.38m. Malachite chalcocite traces of bornite and native copper are associated with multiple 30-50-70 deg fractures in kspar envelopes overprinted by wk to mod argillic alteration in occasional blocky core from 31.00m-53.00m, 70.00m-92.00m, 160.00m-198.00m, 231.00-234.60m

Dip Tests		Drill Hole: C11-06 (West Chat Zone)	Easting (NAD 83): 647840				Hole Azimuth: 270				Started:						
Depth	Az/Dip		Northing (NAD 83): 581490				Hole Angle: -55				Finished:						
			Elevation (m):				Total Depth (m): 154.53				Logged by: Brian Callaghan						
			Core Size: NO				Recovery:				Analysis by: Agat Laboratories						
Depth (m)		Description	Mineralization				Alteration Scale: 0 - 5				Sample Number	Interval (m)		Au ppb	Ag ppm	Cu ppm	Mo ppm
From	To		%Py	%Cpy	%Bn	Other	Ksp/Bt	Chl/Ep/Cal	Qtz/Ser/Musc	Kao/Clays		Other	From				
0.00	24.38	CASING															
24.38	91.85	GRANODIORITE/QUARTZ DIORITE					2.0	1.0		2.0	3 mg						
		Medium grey to pale green to mottled bleached cream with 20-25% qtz, 10-15% plag, 20% biot+hb+pn.															
		Weak to mod argillic alteration with kaolin associated with proximity to faults.															
		Weak patchy potassic alteration associated with fracturing and jointing as envelopes closer to faults.															
		Propylitic chl+hem+ca+ep alt,n associated with slickensided fracture surfaces.															
		Mafics replaced with chl+mg															
		No visible malachite or copper minerals.															
		31.00m-31.66m Ca+ep+qtz vnlt cross cut low angle salmon orange ca+kspar vng associated with potassic alt,d envelopes @50 deg tca.									80362	31.00	33.00				
		42.30m-42.80m Intense ca+hem+chl propylitic altered with minor clay gouge upper contact @50 deg tca.															
		43.66m-44.21m Mostly patchy potassic alteration with mod argillic alt,n.															
		Upper fracture surface slickensided @20 deg tca. Flow banding and wavy fabric.															
		47.82m-50.55m Pale grey green Chl+hem+ca+clay fault gouge.															
		51.02m-54.70m Dark grey maroon to green hem+chl+ep slickensided fracture fill sub-parallel tca. Cuts through variable argillic altered intrusives.															
		61.40m 1 by 1cm white ca+ep fracture fill. Ep rims surface of wall @10 deg tca.															
		74.25m 1 by 6cms @30 deg tca pink ca+ep+hem fracture fill									80363	74.00	76.00				
		78.00m-91.85m Alteration variable between kspar+biot and sc argillic alt,n.					3.0	1.0		2.0							
		Less grey qtz+ep vnlt associated with kspar envelopes.															
		Slickensided Ca+chl+ep+salmon orange kspar fracture fill up to 1.5cms runs sub parallel and @20 deg ca for 1.05m @82.60m and 75cms @86.85m. No visible copper sulphides. Minor spec hem.									80364	89.85	91.85				
		Patchy replacement mg clusters in kspar halos around qtz+ca+ep vng .															
91.85	94.15	FAULTED GRANODIORITE						3.0		3.0	3 mg	80365	91.85	94.15			
		Hem+chl+ca+clay gouge+int clay+sc alt,d GD. Upper contact sharp @25 deg tca.															

Dip Tests		Drill Hole: C11-07 (West Chat Zone)	Easting (IAD 83): 647900		Hole Azimuth: 090		Start:										
Depth	Az/Dip		Northing (IAD 83): 583000		Hole Angle: 55		Finish:										
			Elevation (m):		Total Depth (m): 346.59		Logged by: Brian Callaghan										
			Core Size: HQ		Recovery:		Analysis by: Agat Laboratories										
Depth (m)		Description	Mineralization				Alteration Scale: 0 - 5				Sample Number	Interval (m)		Au ppb	Ag ppm	Cu ppm	Mo ppm
From	To		%Py	%Cpy	%Bn	Other	Ksp/Bt	Ch/Ep/Cal	Qtz/Ser/ Musc	Kao/Clays		Other	From				
0.00	112.70	CASING															
112.70	229.00	GRANODIORITE Grey pale green cream mottled coarse grained variably equigranular 35-40% ca plag 20% K feldspar, 25% Qtz, 20-25% hb+biot. Weak to mod argillitic clay+sc with weak to pervasive locally wide spaced potassic alteration as halos and envelopes. Moderate mg susceptibility with chl+mg replacement of mafics. Trace oxidized euhedral py cubes associated with potassic alteration. Copper sulphides more prominent in pervasive potassic alteration zones with argillitic sc alt,n interstitial Qtz and mg replacement of mafics. Core blocky and rubble to 118.10m 118.10m 1 by 3mm @15 deg tca with kspare+ep+Qtz with trace fe oxidation. 130.00m-135.60m Core blocky plus rubble with mod argillitic white clay replacement of plag and locally pervasive ep overprint adjacent to intense clay altered rubble @132.75m with Qtz ep sericite alt,n. 146.20m-147.80cm 2-3mm @20-30 deg tca Qtz+chl+sc+spec hem+mg+mal+bn in more intense kspare+biot alt,n envelope. 155.40m-157.40m 2 by 1-5cms @20 deg tca Ca+rusty hem+chl+sc in blocky kspare alt,d fracture. 168.20m 1 by 2mm kspare+grey Qtz+chl 171.50m-173.50m Interstitial grey Qtz+chl+hem+sc with ca+grey green clays in blocky core cut by ep+ca fracture fill. 182.00m Localized ep overprint of more intense potassic altered zones with clay alteration of plag. 197.35m-198.20m Detextured intrusives with intense chl+ep+ca alteration. Lower contact @40 deg tca. 198.20m-199.85m Intense clay+ep+sc alt,n of plag, potassic alt,d feldspar with hem+bn replacement of mafics. In turn cut by grey Qtz+chl+ep unit with trace bn running parallel to 20 deg tca. 199.85m -229.80m Fresher interval, weakly fractured with wide spaced weak kspare alt,d selvages @40-50 deg tca up to 1.5cms. Shearing @215.40m @20 deg 215.40m @20 deg tca shearing extends 4cms. Silken-sided- KAl+hem+chl+sc+ca	tr				1.0	1.0		2.0	2 mg						
										3 mg	00878	130.00	132.00				
											00879	132.00	134.00				
											00880	142.50	144.50				
			mal	tr		1.0	1.0		1.0		00880A	CU 171					
											00662	Duplic					
											00881	144.50	146.20				
											00882	146.20	148.20				
											00883	148.20	150.20				
											00884	155.40	157.40				
											00885	171.50	173.50				
											00886	195.35	197.35				
											00887	197.35	199.05				
					tr						00888	199.05	201.05				
								0.5	1.0		0.5	3 mg					
											00889	227.60	229.60				

APPENDIX II
DRILL CORE ASSAYS

Sample Number	Hole Number	Ag ppm 0.2	As ppm 1	Ba ppm 1	Co ppm 0.5	Cu ppm 0.5	Fe % 0.01	Mo ppm 0.5	Ni ppm 0.5	Zn ppm 0.5
80260	C11-1	<0.2	13	326	6.5	37.4	2.36	2	6.2	35.3
80261		<0.2	14	90	6.5	295	2.9	3	7.2	37.8
80262		<0.2	12	117	6.7	82.8	2.58	1.8	6.4	35.9
80263		<0.2	14	107	9.7	119	2.77	3.1	7.4	46.7
80264		<0.2	15	176	6.7	151	2.42	1.4	6.1	35.2
80265		<0.2	14	199	6	269	2.55	2	5.4	35
80266		<0.2	14	201	7	151	2.72	1.9	7	43.6
80267		<0.2	13	82	6.4	109	2.57	2	5.8	31.8
80268		<0.2	14	112	5.3	217	2.4	1.9	5.2	30.1
80269		<0.2	11	125	5	226	2.42	2.1	5	29.2
80270		<0.2	10	223	5.6	103	2.38	1.9	5.4	32.7
80271		<0.2	9	148	5.2	69.1	2.42	1.7	5.1	28.5
80272		<0.2	13	72	7.7	148	2.72	2.2	6.9	41.7
80273		<0.2	9	95	5.9	80	2.36	1.7	6.4	30.8
80274		<0.2	8	160	5.2	139	2.32	2.1	6.5	30
80275		<0.2	9	238	5.9	240	2.2	1.9	6.2	30.3
80276		<0.2	8	146	5.7	420	2.32	1.9	5.7	26.6
80277		<0.2	11	178	4.7	237	2.36	1.5	5	80.8
80278		<0.2	10	187	5.8	378	2.41	1.6	5.5	50.2
80279		<0.2	12	99	5.9	267	2.34	1.8	5.4	33.9
80280		<0.2	11	78	6	72.3	2.24	1.7	5.5	33.1
80281		<0.2	14	175	6.9	98.9	2.15	1.8	5.9	37.1
80282		<0.2	10	156	5	328	2.35	1.7	4.7	32.8
80283		<0.2	11	69	6.7	254	2.39	3.1	5.4	29.5
80284		<0.2	8	147	4.8	241	2.18	1.5	4.7	27
80285	C11-2	<0.2	9	93	4.8	47.3	2.61	1.6	4.8	23.5
80286	C11-3	<0.2	13	146	7.8	102	2.8	1.4	7.7	33.3
80287		<0.2	10	182	5.9	78.2	2.31	2.4	5.4	30.9
80288		<0.2	13	31	8.8	130	2.67	3.4	6.6	35.8
80289		<0.2	15	33	8.2	107	2.12	2.4	6.4	35.5
80290		<0.2	13	182	7.8	403	2.5	1.4	6	35.2
80291		1.1	12	512	7.8	207	2.28	150	5.8	33.1
80292		<0.2	11	227	7	55.8	2.27	1.6	4.7	32.4
80293		<0.2	13	212	6.7	91.5	2.36	1.9	4.7	31.6
80294	C11-4	<0.2	11	81	5.9	179	2.28	1.5	5	33.7
80295		<0.2	12	92	6.3	286	2.28	1.4	5.3	28
80296		<0.2	8	93	5.4	105	2.16	1.5	5	30.3
80297		<0.2	12	80	5.8	62.3	2.32	1.8	5	32.4
80298		<0.2	11	83	6.6	190	2.41	1.6	5.6	40.2
80299		<0.2	14	48	7.6	186	1.97	1.7	6	37.7
80300		<0.2	12	49	6.5	37.1	2.2	1.4	5.6	35.7
80301		<0.2	14	64	7.1	74.7	2.31	1.7	5.9	34.5
80302		<0.2	15	40	7.3	95.7	2.3	1.4	5.3	35.1
80303		<0.2	14	41	8	70.5	2.42	1.5	5.5	36.5
80304		<0.2	12	84	6.5	117	2.52	1.7	4.6	29.3
80305		<0.2	12	40	8.1	310	2.62	1.2	5.5	44.5
80306		<0.2	10	65	5.2	399	2.6	1.1	3.9	26.2
80307		<0.2	12	139	7.6	257	2.62	2.2	5.7	44

		Ag	As	Ba	Co	Cu	Fe	Mo	Ni	Zn
80308	C11-5	<0.2	13	44	6.6	124	2.26	1.5	4.7	32.3
80309		<0.2	10	60	5.2	40.7	2.09	1.4	4.4	32.3
80310		<0.2	10	71	5.1	133	2.35	1.6	4.5	30.6
80311		<0.2	9	99	4.6	324	2.35	1.6	4	28.3
80312		<0.2	9	120	4.7	51.1	2.3	1.6	4	27.3
80313		<0.2	10	109	4.8	92.8	2.2	1.7	4.3	27.8
80314		<0.2	11	33	6.4	260	2.03	1.1	5.3	25.1
80315		<0.2	8	138	5.2	105	2.33	<0.5	4.9	28
80316		<0.2	11	111	5.6	226	2.55	1.5	5.5	22.7
80317		<0.2	10	111	5.2	215	2.43	1.5	5.1	21.8
80318		<0.2	9	153	5.1	199	2.74	1.3	6.8	29
80319		<0.2	13	107	7	84.4	2.77	1	8	37.6
80320		<0.2	12	146	7.2	124	2.2	1.1	8	39.1
80321		<0.2	14	73	7.3	45.2	2.32	1.6	8.5	39.2
80322		<0.2	13	99	7.6	42.1	2.52	4.6	7.3	37
80323		<0.2	13	57	8.8	117	2.92	1.3	6.4	34.4
80324		<0.2	13	76	12.6	45.2	3.22	1.9	6.9	47.3
80325		<0.2	15	51	7.5	38.4	2.65	3.5	6.7	36.5
80326		<0.2	15	81	6.8	15.5	2.35	1.3	5.5	29.3
80327		<0.2	9	81	8.2	417	2.68	0.9	5.5	30.3
80328		1.5	12	110	8.2	2490	2.34	2.2	4.6	28.5
80329		<0.2	10	90	5.4	45.5	2.51	1.8	4.3	28.9
80330		<0.2	12	137	6.2	41.1	2.21	1.6	5.2	35.8
80331		<0.2	10	37	6.9	64.2	2.23	1.4	5.2	34
80332		<0.2	12	112	5.2	286	2.26	1.9	4.4	30.5
80333		<0.2	9	119	5.6	319	2.18	1.6	4.7	30.7
80334		<0.2	12	118	5.9	328	1.98	1.2	3.9	25.6
80335		<0.2	12	124	6.1	364	2.03	1.2	4	27.1
80336		<0.2	11	95	5.5	880	2.23	1.6	4.5	31.1
80337		<0.2	7	158	4.7	328	2.28	1.6	3.8	19.6
80338		<0.2	9	157	4.9	304	2.33	1.6	4	20.2
80339		<0.2	10	117	3.9	270	2.16	4.2	3.2	17.8
80340		<0.2	9	121	4.2	293	2.22	4.2	3.3	18.4
80341		<0.2	9	203	4.1	75.4	2.21	1.3	3.3	29.4
80342		<0.2	11	94	5.6	163	2.25	1.2	4.1	24.4
80343		<0.2	11	96	5.1	171	2.37	1.4	3.9	23.4
80344		<0.2	12	476	5.6	238	2.36	1.6	4.2	26
80345		<0.2	10	486	5	232	2.39	1.4	3.9	24.4
80346		<0.2	13	1080	6.8	131	2.23	2	4.7	38.9
80347		<0.2	13	91	7.9	128	2.45	1.3	5.1	52.9
80348		<0.2	13	100	6.6	354	1.85	1.9	4.6	42
80349		<0.2	14	164	6.7	63.1	1.71	1.8	4.5	41.7
80350		<0.2	13	484	6.8	401	2.41	1.7	4.6	44.4
80351		<0.2	12	115	5.4	630	2.38	6.8	4.1	35.4
80352		<0.2	13	101	6.5	380	1.86	1.7	4.5	41.9
80353		0.3	10	97	5.8	808	2.24	9.9	3.8	29
80354		<0.2	11	90	5.8	119	2.25	11.2	4.2	36.5
80355		<0.2	11	86	4.9	116	2.1	13	3.6	32.6
80356		<0.2	11	90	4.4	110	2.16	3.3	3.9	32.8
80357		<0.2	13	82	5	86.7	2.12	1.8	4.7	31.4
80358		<0.2	12	60	4.9	203	2.03	1.5	3.5	37.2
80359		0.4	13	41	5.6	201	2.05	1.5	4	30.8
80360		<0.2	12	38	5.7	196	1.95	1.6	4	30.2

		Ag	As	Ba	Co	Cu	Fe	Mo	Ni	Zn
80362	C11-6	<0.2	12	80	6	81.4	2.57	1.8	5.1	38.3
80363		<0.2	13	45	5	15.5	1.76	1.4	3.9	22.1
80364		<0.2	14	45	9.3	319	2.67	1.8	11.1	45.6
80365		1.3	14	227	5.6	2460	2.61	18	3.1	21.8
80366		0.3	11	48	10.6	499	2.57	2.1	8.5	55.3
80367		<0.2	14	53	10	479	2.64	2.3	8.3	52.3
80368		0.5	11	86	10.9	1160	3.11	1.6	6.4	30.5
80369		0.4	10	85	10.6	1180	3.27	1.8	6.2	30.2
80370		<0.2	11	85	11.6	752	3.44	1.2	6	29.8
80371		<0.2	13	85	12.5	768	3.39	2	6.5	31.7
80372		0.7	12	44	10	1800	2.8	1	6.9	31.7
80373		0.8	12	49	11	1860	3.01	1.6	7.7	34.9
80374		<0.2	12	115	6.1	110	2.49	1.8	5.5	33
80375		0.2	11	130	6.2	1020	2.88	4.6	5.3	34
80376		3.9	13	117	6.5	6530	2.66	3	6	28.5
80377		<0.2	12	95	6	38.7	2.65	3.1	5.7	31.6
80378	C11-7	<0.2	15	63	6.5	44.9	2.51	1.9	5.9	44.9
80379		<0.2	11	81	7	75.6	2.52	1.7	6	43.2
80380		<0.2	11	119	6.3	21.9	2.48	1.8	5	32.4
80381		<0.2	9	251	5.9	120	2.45	2	4.9	29.7
80382		1.4	8	80	10.7	2130	3.69	2.3	6.7	59.8
80383		<0.2	11	164	5.4	72.9	2.39	1.9	4.2	20.2
80384		<0.2	11	66	6.5	35.3	2.27	1.5	5.1	27.1
80385		<0.2	12	82	7.3	28.9	2.48	2.3	6	36.8
80386		<0.2	11	819	6.2	64.5	2.53	4.6	5	36.9
80387		<0.2	11	163	9.2	201	2.61	1.9	6.7	55.7
80388		<0.2	11	348	7.5	35.2	2.67	1.7	6.3	29
80389		<0.2	9	166	6.1	30.4	2.61	2.8	6.6	28.6
80390		<0.2	15	35	8.5	28.7	2.21	3.2	4.8	40.8
80391		<0.2	11	238	6.6	34.3	2.54	2	5.4	23
80392		<0.2	14	47	9.5	15.1	2.54	1.5	6.6	44
80393		<0.2	11	138	5.5	24.3	2.51	1.9	4.6	27
80394		<0.2	14	92	8.2	23.5	2.62	3.3	6.3	43.4
80395		<0.2	13	323	6.3	33.3	2.48	1.8	5.4	32.2
80396		<0.2	12	142	7.6	595	2.57	16.4	5.9	32.6
80397		<0.2	13	49	9.6	33.5	2.45	1.7	6.5	43.2
80398		<0.2	12	191	7.9	37.2	2.64	2	6.1	56.1
80399		<0.2	11	154	6.2	36.5	2.34	1.8	4.7	25.6
80400		<0.2	9	97	6.2	29	2.46	1.9	4.7	25.4
80401		<0.2	14	148	7.3	29	2.25	2	5.3	32.8
80402		<0.2	12	304	6.1	25.1	2.42	2.8	5.2	30.1
80403		<0.2	12	155	7.2	21.9	2.38	2.1	5.3	30.7
80404		<0.2	11	246	5.1	36.5	2.32	1.8	4.4	28.4
80405		<0.2	13	109	8.1	56.5	2.46	3.6	6.3	42.7
80406		<0.2	11	140	6.5	34.8	2.43	2.3	5.2	28.1
80407		<0.2	13	183	6.1	37.5	2.65	1.5	5.2	34.4
80408		<0.2	12	272	5.8	47	2.43	1.8	4.9	23.9
80660		<0.2	12	86	7	32	2.29	2.2	5.6	29
80661		<0.2	10	106	4.4	221	2.17	2.6	3.2	18.3
80662		<0.2	12	124	5.8	22.6	2.41	1.6	4.4	22.7

**CLIENT NAME: Highbank Resources
600-625 Howe Street
Vancouver, BC V6C2T6**

ATTENTION TO: Gary Musil

PROJECT NO: 41882-00

AGAT Work Order: 12V577984

Solid Analysis Reviewed by: Kevin Motomura, ICP Supervisor

Date Reported: Mar 05, 2012

Pages (including cover): 34

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

***NOTES**

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 12V577984
PROJECT NO: 41882-00

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CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Sample Description	Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
	Unit: RDL:	kg 0.01	ppm 0.2	% 0.01	ppm 1	ppm 5	ppm 1	ppm 0.5	ppm 1	% 0.01	ppm 0.5	ppm 1	ppm 0.5	ppm 0.5	ppm 0.5
80260		1.75	<0.2	1.20	13	<5	326	<0.5	<1	1.55	<0.5	14	6.5	105	37.4
80261		3.01	<0.2	2.16	14	5	90	0.5	<1	1.98	<0.5	19	6.5	174	295
80262		3.62	<0.2	1.82	12	<5	117	<0.5	<1	1.81	<0.5	15	6.7	107	82.8
80263		2.28	<0.2	1.71	14	5	107	<0.5	<1	3.74	<0.5	23	9.7	87.4	119
80264		2.83	<0.2	1.96	15	6	176	<0.5	<1	3.88	<0.5	21	6.7	121	151
80265		4.65	<0.2	1.82	14	<5	199	<0.5	<1	2.80	<0.5	18	6.0	79.7	269
80266		2.62	<0.2	2.32	14	8	201	0.5	<1	2.82	<0.5	20	7.0	97.6	151
80267		6.65	<0.2	1.93	13	<5	82	<0.5	<1	2.26	<0.5	19	6.4	75.7	109
80268		5.17	<0.2	2.08	14	<5	112	<0.5	<1	2.05	<0.5	16	5.3	98.1	217
80269		5.12	<0.2	1.75	11	<5	125	<0.5	<1	2.08	<0.5	18	5.0	76.1	226
80270		6.79	<0.2	1.54	10	<5	223	<0.5	<1	1.26	<0.5	15	5.6	76.8	103
80271		2.99	<0.2	1.33	9	<5	148	<0.5	<1	1.36	<0.5	18	5.2	68.4	69.1
80272		3.32	<0.2	2.31	13	<5	72	0.5	<1	2.44	<0.5	21	7.7	95.8	148
80273		3.53	<0.2	1.47	9	<5	95	<0.5	<1	1.67	<0.5	20	5.9	82.5	80.0
80274		3.65	<0.2	1.16	8	<5	160	<0.5	<1	0.98	<0.5	21	5.2	89.1	139
80275		2.74	<0.2	1.60	9	<5	238	<0.5	<1	1.01	<0.5	20	5.9	134	240
80276		3.93	<0.2	1.05	8	<5	146	<0.5	<1	0.89	<0.5	22	5.7	89.0	420
80277		4.31	<0.2	1.03	11	<5	178	<0.5	<1	0.79	<0.5	15	4.7	74.5	237
80278		3.36	<0.2	1.10	10	<5	187	<0.5	<1	1.02	<0.5	17	5.8	86.2	378
80279		3.90	<0.2	1.58	12	<5	99	0.6	<1	1.96	<0.5	20	5.9	73.4	267
80280		3.41	<0.2	1.48	11	<5	78	<0.5	<1	1.94	<0.5	22	6.0	73.7	72.3
80280A		0.04	16.1	0.52	20	<5	315	<0.5	<1	1.35	0.6	13	4.9	9.0	1930
80281		3.82	<0.2	1.26	14	<5	175	<0.5	<1	2.75	<0.5	25	6.9	71.7	98.9
80282		3.93	<0.2	1.17	10	<5	156	<0.5	<1	1.24	<0.5	15	5.0	69.0	328
80283		3.43	<0.2	1.31	11	<5	69	<0.5	<1	1.36	<0.5	15	6.7	67.9	254
80284		4.53	<0.2	0.84	8	<5	147	<0.5	<1	0.77	<0.5	16	4.8	76.7	241
80285		2.34	<0.2	1.94	9	<5	93	<0.5	<1	1.62	<0.5	18	4.8	64.8	47.3
80286		2.34	<0.2	1.63	13	<5	146	<0.5	<1	1.79	<0.5	17	7.8	62.1	102
80287		2.47	<0.2	1.04	10	<5	182	<0.5	<1	0.94	<0.5	16	5.9	76.8	78.2
80288		2.51	<0.2	1.50	13	<5	31	<0.5	<1	1.94	<0.5	22	8.8	58.1	130
80289		5.81	<0.2	1.09	15	<5	33	<0.5	<1	4.40	<0.5	25	8.2	52.9	107

Certified By: _____

CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

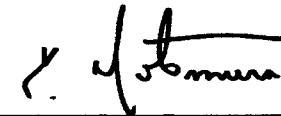
DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Sample Description	Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
	Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
80290		4.70	<0.2	2.10	13	<5	182	<0.5	<1	2.51	<0.5	21	7.8	58.8	403
80291		3.20	1.1	1.49	12	<5	512	<0.5	<1	2.23	<0.5	17	7.8	66.1	207
80292		2.60	<0.2	1.35	11	<5	227	<0.5	<1	3.27	<0.5	19	7.0	52.0	55.8
80293		3.02	<0.2	2.00	13	<5	212	<0.5	<1	2.44	<0.5	16	6.7	45.0	91.5
80294		2.74	<0.2	1.24	11	<5	81	<0.5	<1	1.43	<0.5	13	5.9	70.0	179
80295		1.99	<0.2	2.21	12	<5	92	<0.5	<1	2.30	<0.5	15	6.3	59.9	286
80296		3.21	<0.2	1.09	8	<5	93	<0.5	<1	1.19	<0.5	14	5.4	77.3	105
80297		2.98	<0.2	1.56	12	<5	80	<0.5	<1	1.96	<0.5	19	5.8	78.0	62.3
80298		3.94	<0.2	1.35	11	<5	83	<0.5	<1	2.05	<0.5	16	6.6	72.6	190
80299		5.39	<0.2	2.51	14	<5	48	0.6	<1	4.39	<0.5	20	7.6	46.1	186
80300		3.10	<0.2	1.99	12	<5	49	<0.5	<1	2.45	<0.5	15	6.5	61.6	37.1
80300A		0.04	25.7	0.42	33	<5	108	<0.5	<1	1.05	<0.5	2	5.3	23.1	7990
80301		3.32	<0.2	1.70	14	<5	64	<0.5	<1	2.54	<0.5	18	7.1	59.2	74.7
80302		3.39	<0.2	2.52	15	<5	40	<0.5	<1	3.31	<0.5	18	7.3	49.9	95.7
80303		4.00	<0.2	2.45	14	<5	41	0.6	<1	2.77	<0.5	16	8.0	51.5	70.5
80304		4.18	<0.2	1.52	12	<5	84	<0.5	<1	1.86	<0.5	17	6.5	60.2	117
80305		4.28	<0.2	1.31	12	<5	40	<0.5	<1	2.06	<0.5	20	8.1	61.3	310
80306		4.81	<0.2	1.15	10	<5	65	<0.5	<1	1.68	<0.5	14	5.2	60.1	399
80307		3.11	<0.2	1.49	12	<5	139	<0.5	<1	2.14	<0.5	17	7.6	57.5	257
80308		3.06	<0.2	2.15	13	<5	44	0.5	<1	2.81	<0.5	14	6.6	57.1	124
80309		3.58	<0.2	1.36	10	<5	60	<0.5	<1	1.70	<0.5	26	5.2	67.2	40.7
80310		4.11	<0.2	1.35	10	<5	71	<0.5	<1	1.48	<0.5	15	5.1	77.4	133
80311		2.47	<0.2	1.41	9	<5	99	<0.5	<1	1.55	<0.5	15	4.6	70.6	324
80312		6.91	<0.2	1.35	9	<5	120	<0.5	<1	1.36	<0.5	11	4.7	63.4	51.1
80313		2.66	<0.2	1.27	10	<5	109	<0.5	<1	1.30	<0.5	12	4.8	71.1	92.8
80314		4.39	<0.2	2.38	11	<5	33	<0.5	<1	2.81	<0.5	13	6.4	53.7	260
80315		3.17	<0.2	1.29	8	<5	138	<0.5	<1	1.31	<0.5	13	5.2	67.8	105
80316		5.52	<0.2	1.93	11	<5	111	<0.5	<1	1.96	<0.5	14	5.6	47.2	228
80317		5.29	<0.2	1.89	10	<5	111	<0.5	<1	1.90	<0.5	13	5.2	44.5	215
80318		4.49	<0.2	1.73	9	<5	153	<0.5	<1	1.88	<0.5	16	5.1	126	199
80319		3.72	<0.2	2.24	13	<5	107	<0.5	<1	2.21	<0.5	15	7.0	68.8	84.4

Certified By: _____





Certificate of Analysis

AGAT WORK ORDER: 12V577984
PROJECT NO: 41882-00

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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<http://www.agatlabs.com>

CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Sample Description	Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
	Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
80320		8.41	<0.2	1.88	12	<5	146	0.5	<1	2.06	<0.5	12	7.2	63.9	124
80320A		0.04	13.4	0.83	1120	13	143	<0.5	8	3.38	0.6	8	50.8	26.4	3920
80321		4.37	<0.2	2.51	14	<5	73	0.5	<1	3.29	<0.5	12	7.3	64.6	45.2
80322		3.50	<0.2	2.18	13	<5	99	<0.5	<1	2.71	<0.5	15	7.6	65.4	42.1
80323		4.65	<0.2	2.51	13	<5	57	<0.5	<1	3.46	<0.5	17	8.8	45.7	117
80324		2.05	<0.2	1.91	13	<5	76	<0.5	<1	4.98	<0.5	16	12.6	63.6	45.2
80325		4.21	<0.2	2.38	15	<5	51	<0.5	<1	3.33	<0.5	18	7.5	61.5	38.4
80326		3.09	<0.2	2.99	15	<5	81	0.5	<1	3.87	<0.5	15	6.8	55.6	15.5
80327		4.34	<0.2	1.39	9	<5	81	<0.5	<1	1.72	<0.5	13	8.2	52.3	417
80328		3.48	1.5	2.06	12	<5	110	<0.5	<1	2.75	<0.5	13	8.2	64.0	2490
80329		6.21	<0.2	1.39	10	<5	90	<0.5	<1	1.70	<0.5	12	5.4	65.1	45.5
80330		7.10	<0.2	2.19	12	<5	137	<0.5	<1	2.32	<0.5	13	6.2	62.7	41.1
80331		5.02	<0.2	1.53	10	<5	37	<0.5	<1	2.05	<0.5	14	6.9	64.3	64.2
80332		6.28	<0.2	1.49	12	<5	112	<0.5	<1	1.46	<0.5	10	5.2	66.1	286
80333		4.77	<0.2	1.59	9	<5	119	<0.5	<1	1.43	<0.5	11	5.6	70.5	319
80334		4.13	<0.2	1.60	12	<5	118	<0.5	<1	2.41	<0.5	19	5.9	46.2	328
80335		3.78	<0.2	1.70	12	<5	124	<0.5	<1	2.55	<0.5	20	6.1	48.3	364
80336		4.39	<0.2	1.43	11	<5	95	<0.5	<1	1.68	<0.5	16	5.5	79.2	880
80337		5.19	<0.2	1.42	7	<5	158	<0.5	<1	1.25	<0.5	14	4.7	57.5	328
80338		4.69	<0.2	1.43	9	<5	157	<0.5	<1	1.25	<0.5	14	4.9	58.1	304
80339		5.05	<0.2	1.68	10	<5	117	<0.5	<1	1.64	<0.5	17	3.9	43.8	270
80340		4.22	<0.2	1.72	9	<5	121	<0.5	<1	1.66	<0.5	17	4.2	45.9	293
80340A		0.23	<0.2	1.47	11	<5	200	<0.5	<1	1.17	<0.5	19	3.5	53.8	70.6
80341		5.15	<0.2	1.44	9	<5	203	<0.5	<1	1.12	<0.5	17	4.1	54.3	75.4
80342		4.55	<0.2	1.68	11	<5	94	<0.5	<1	1.75	<0.5	12	5.6	37.6	163
80343		3.96	<0.2	1.79	11	<5	96	<0.5	<1	1.89	<0.5	14	5.1	39.0	171
80344		4.39	<0.2	1.73	12	<5	476	<0.5	<1	1.78	<0.5	19	5.6	48.6	238
80345		4.12	<0.2	1.77	10	<5	486	<0.5	<1	1.83	<0.5	19	5.0	44.2	232
80346		4.23	<0.2	1.79	13	<5	1080	<0.5	<1	2.87	<0.5	24	6.8	75.4	131
80347		5.05	<0.2	2.31	13	<5	91	0.5	<1	3.20	<0.5	22	7.9	83.0	128
80348		3.03	<0.2	1.74	13	<5	100	<0.5	<1	4.25	<0.5	20	6.6	75.2	354

Certified By: _____

Certificate of Analysis

AGAT WORK ORDER: 12V577984
PROJECT NO: 41882-00

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CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

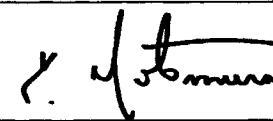
DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Sample Description	Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
	Unit: RDL:	kg 0.01	ppm 0.2	% 0.01	ppm 1	ppm 5	ppm 1	ppm 0.5	ppm 1	% 0.01	ppm 0.5	ppm 1	ppm 0.5	ppm 0.5	ppm 0.5
80349		2.89	<0.2	2.02	14	<5	164	<0.5	<1	4.07	<0.5	25	6.7	88.1	63.1
80350		3.39	<0.2	1.50	13	<5	484	<0.5	<1	2.20	<0.5	18	6.8	65.8	401
80351		4.87	<0.2	2.02	12	<5	115	0.5	<1	1.80	<0.5	17	5.4	96.4	630
80352		4.88	<0.2	1.71	13	<5	101	<0.5	<1	4.02	<0.5	19	6.5	75.2	380
80353		3.48	0.3	1.48	10	<5	97	<0.5	<1	1.98	<0.5	18	5.8	58.5	808
80354		4.73	<0.2	1.52	11	<5	90	<0.5	<1	1.65	<0.5	14	5.8	64.9	119
80355		2.57	<0.2	1.51	11	<5	86	<0.5	<1	1.62	<0.5	16	4.9	74.8	116
80356		1.75	<0.2	1.49	11	<5	90	<0.5	<1	1.79	<0.5	17	4.4	112	110
80357		2.29	<0.2	1.93	13	<5	82	0.5	<1	1.87	<0.5	19	5.0	83.4	86.7
80358		3.15	<0.2	1.27	12	<5	60	<0.5	<1	1.60	<0.5	18	4.9	73.3	203
80359		4.06	0.4	1.48	13	<5	41	<0.5	<1	2.19	<0.5	21	5.6	55.5	201
80360		4.09	<0.2	1.35	12	<5	38	<0.5	<1	2.05	<0.5	19	5.7	52.6	196
80360A		0.04	37.0	0.42	31	<5	143	<0.5	<1	1.08	<0.5	2	4.9	21.5	8110
80361		2.04	<0.2	2.02	13	<5	52	0.8	<1	2.46	<0.5	22	5.9	69.0	493
80362		3.80	<0.2	2.36	12	<5	80	<0.5	<1	2.57	<0.5	15	6.0	80.9	81.4
80363		4.07	<0.2	2.31	13	<5	45	<0.5	<1	3.36	<0.5	10	5.0	45.4	15.5
80364		3.76	<0.2	2.02	14	<5	45	<0.5	<1	3.51	<0.5	17	9.3	76.7	319
80365		4.54	1.3	2.31	14	<5	227	<0.5	<1	4.78	<0.5	17	5.6	31.3	2460
80366		3.37	0.3	1.72	11	<5	48	<0.5	<1	3.36	<0.5	20	10.6	67.5	499
80367		2.42	<0.2	1.82	14	<5	53	<0.5	<1	3.44	<0.5	21	10.0	67.2	479
80368		3.89	0.5	1.60	11	<5	86	<0.5	<1	2.22	<0.5	10	10.9	51.7	1160
80369		5.93	0.4	1.62	10	<5	85	<0.5	<1	2.18	<0.5	12	10.6	55.6	1180
80370		4.02	<0.2	1.84	11	<5	85	<0.5	<1	2.15	<0.5	12	11.6	54.3	752
80371		4.84	<0.2	1.88	13	<5	85	<0.5	<1	2.18	<0.5	13	12.5	58.3	768
80372		2.61	0.7	1.91	12	<5	44	<0.5	<1	2.89	<0.5	11	10.0	47.5	1800
80373		4.58	0.8	2.16	12	<5	49	<0.5	<1	3.24	<0.5	10	11.0	46.7	1860
80374		4.18	<0.2	1.95	12	<5	115	<0.5	<1	2.44	<0.5	17	6.1	77.5	110
80375		3.38	0.2	2.45	11	<5	130	<0.5	<1	3.01	<0.5	14	6.2	172	1020
80376		3.85	3.9	2.58	13	<5	117	<0.5	<1	2.61	<0.5	7	6.5	175	6530
80377		4.42	<0.2	2.21	12	<5	95	<0.5	<1	2.06	<0.5	18	6.0	247	38.7
80378		2.47	<0.2	2.80	15	<5	63	0.6	<1	2.73	<0.5	17	6.5	91.9	44.9

Certified By: _____





Certificate of Analysis

AGAT WORK ORDER: 12V577984
PROJECT NO: 41882-00

5623 McADAM ROAD
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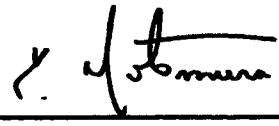
CLIENT NAME: Highbank Resources

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012 DATE RECEIVED: Feb 27, 2012 DATE REPORTED: Mar 05, 2012 SAMPLE TYPE: Drill Core

Sample Description	Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
	Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
80379		3.20	<0.2	1.88	11	<5	81	<0.5	<1	1.83	<0.5	18	7.0	87.9	75.6
80380		3.72	<0.2	1.74	11	<5	119	<0.5	<1	2.13	<0.5	17	6.3	65.3	21.9
80380A		0.04	15.1	0.43	20	<5	300	<0.5	<1	1.37	<0.5	13	4.7	7.4	1750
80381		2.48	<0.2	1.59	9	<5	251	<0.5	<1	1.32	<0.5	15	5.9	69.7	120
80382		4.04	1.4	1.90	8	<5	80	<0.5	<1	1.82	<0.5	11	10.7	99.8	2130
80383		4.01	<0.2	1.36	11	<5	164	<0.5	<1	1.23	<0.5	15	5.4	59.7	72.9
80384		3.89	<0.2	1.78	11	<5	66	<0.5	<1	2.30	<0.5	16	6.5	49.9	35.3
80385		2.39	<0.2	1.66	12	<5	82	<0.5	<1	2.02	<0.5	21	7.3	119	28.9
80386		3.33	<0.2	1.98	11	<5	819	<0.5	<1	2.37	<0.5	22	6.2	70.2	64.5
80387		3.30	<0.2	1.89	11	<5	163	<0.5	<1	2.94	<0.5	21	9.2	113	201
80388		4.53	<0.2	1.43	11	<5	348	<0.5	<1	1.99	<0.5	14	7.5	58.7	35.2
80389		4.19	<0.2	1.24	9	<5	166	<0.5	<1	1.24	<0.5	12	6.1	171	30.4
80390		2.07	<0.2	1.28	15	<5	35	<0.5	<1	5.66	<0.5	27	8.5	49.6	28.7
80391		4.69	<0.2	1.40	11	<5	238	<0.5	<1	1.62	<0.5	12	6.6	62.5	34.3
80392		3.31	<0.2	1.40	14	<5	47	<0.5	<1	3.29	<0.5	21	9.5	44.9	15.1
80393		3.94	<0.2	1.63	11	<5	138	<0.5	<1	1.63	<0.5	12	5.5	64.4	24.3
80394		2.73	<0.2	2.19	14	<5	92	<0.5	<1	4.37	<0.5	21	8.2	78.7	23.5
80395		4.24	<0.2	1.69	13	<5	323	<0.5	<1	1.81	<0.5	13	6.3	65.6	33.3
80396		3.30	<0.2	1.53	12	<5	142	<0.5	<1	2.09	<0.5	15	7.6	51.2	595
80397		2.73	<0.2	1.80	13	<5	49	<0.5	<1	3.90	<0.5	20	9.6	56.5	33.5
80398		3.37	<0.2	1.82	12	6	191	<0.5	<1	2.81	<0.5	20	7.9	77.2	37.2
80399		4.42	<0.2	1.34	11	<5	154	<0.5	<1	1.80	<0.5	14	6.2	50.6	36.5
80400		4.47	<0.2	1.28	9	<5	97	<0.5	<1	1.70	<0.5	13	6.2	47.8	29.0
80400A		0.28	<0.2	0.96	6	<5	218	<0.5	<1	0.52	<0.5	18	2.9	50.8	1.8
80401		3.71	<0.2	1.48	14	<5	148	<0.5	<1	3.41	<0.5	17	7.3	48.6	29.0
80402		4.37	<0.2	1.52	12	<5	304	<0.5	<1	1.67	<0.5	13	6.1	69.2	25.1
80403		3.45	<0.2	1.41	12	<5	155	<0.5	<1	2.71	<0.5	18	7.2	52.0	21.9
80404		3.74	<0.2	1.45	11	<5	246	<0.5	<1	1.29	<0.5	14	5.1	68.8	36.5
80405		3.55	<0.2	1.90	13	<5	109	<0.5	<1	3.97	<0.5	20	8.1	66.0	56.5
80406		2.25	<0.2	1.53	11	<5	140	<0.5	<1	1.76	<0.5	14	6.5	49.0	34.8
80407		3.63	<0.2	1.68	13	<5	183	<0.5	<1	1.89	<0.5	15	6.1	79.5	37.5

Certified By: 

Certificate of Analysis

AGAT WORK ORDER: 12V577984
PROJECT NO: 41882-00

5623 McADAM ROAD
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<http://www.agatlabs.com>

CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

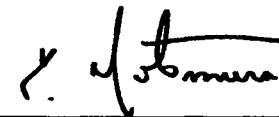
DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Sample Description	Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
	Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
80408		4.70	<0.2	1.18	12	<5	272	<0.5	<1	1.32	<0.5	11	5.8	52.0	47.0
80660		2.01	<0.2	1.75	12	<5	86	<0.5	<1	2.06	<0.5	14	7.0	47.3	32.0
80661		2.23	<0.2	1.74	10	<5	106	<0.5	<1	1.49	<0.5	14	4.4	43.0	221
80662		1.66	<0.2	1.52	12	<5	124	<0.5	<1	1.83	<0.5	16	5.8	41.3	22.6

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Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Analyte:	Fe	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb
Unit:	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
RDL:	0.01	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5
80260	2.36	5	<1	<1	0.19	6	11	0.70	380	2.0	0.09	6.2	582	5.1
80261	2.90	10	<1	<1	0.19	8	20	1.06	482	3.0	0.19	7.2	615	6.9
80262	2.58	8	<1	<1	0.23	6	16	0.90	417	1.8	0.19	6.4	582	6.0
80263	2.77	9	<1	2	0.22	9	19	1.01	578	3.1	0.07	7.4	627	3.6
80264	2.42	8	<1	<1	0.28	8	15	0.88	476	1.4	0.19	6.1	536	4.3
80265	2.55	8	<1	2	0.18	7	17	0.88	430	2.0	0.11	5.4	554	5.4
80266	2.72	10	<1	<1	0.28	8	21	1.05	481	1.9	0.20	7.0	540	5.9
80267	2.57	8	<1	<1	0.19	7	14	0.77	369	2.0	0.12	5.8	612	5.2
80268	2.40	7	<1	<1	0.24	6	10	0.67	331	1.9	0.20	5.2	479	4.6
80269	2.42	8	<1	1	0.22	7	10	0.64	324	2.1	0.13	5.0	555	3.3
80270	2.38	7	<1	3	0.28	6	9	0.69	312	1.9	0.22	5.4	512	2.8
80271	2.42	6	<1	<1	0.23	7	10	0.65	282	1.7	0.12	5.1	521	3.6
80272	2.72	10	<1	<1	0.30	9	20	1.16	490	2.2	0.26	6.9	501	4.8
80273	2.36	8	<1	<1	0.22	8	12	0.72	316	1.7	0.10	6.4	523	4.1
80274	2.32	7	<1	2	0.30	8	10	0.66	295	2.1	0.12	6.5	510	2.6
80275	2.20	7	<1	<1	0.43	8	8	0.65	329	1.9	0.32	6.2	459	2.7
80276	2.32	<5	<1	<1	0.29	8	8	0.60	262	1.9	0.13	5.7	544	2.5
80277	2.36	<5	<1	<1	0.30	5	9	0.58	260	1.5	0.09	5.0	501	2.8
80278	2.41	6	<1	1	0.30	7	9	0.64	299	1.6	0.09	5.5	580	2.2
80279	2.34	9	<1	2	0.18	8	13	0.82	366	1.8	0.08	5.4	553	10.0
80280	2.24	8	<1	1	0.17	9	14	0.77	363	1.7	0.07	5.5	533	4.5
80280A	1.55	<5	<1	5	0.19	6	2	0.18	439	305	0.05	3.4	379	24.9
80281	2.15	6	<1	<1	0.27	9	12	0.67	390	1.8	0.04	5.9	554	4.0
80282	2.35	6	<1	<1	0.20	6	9	0.64	306	1.7	0.08	4.7	495	2.1
80283	2.39	7	<1	<1	0.14	6	10	0.71	376	3.1	0.07	5.4	529	2.4
80284	2.18	5	<1	<1	0.26	6	6	0.54	243	1.5	0.08	4.7	514	2.0
80285	2.61	6	<1	1	0.23	7	8	0.66	326	1.6	0.12	4.8	643	4.4
80286	2.80	6	<1	<1	0.19	6	14	1.05	416	1.4	0.08	7.7	669	3.4
80287	2.31	5	<1	<1	0.23	6	8	0.68	292	2.4	0.09	5.4	563	1.9
80288	2.67	7	<1	<1	0.12	8	12	0.87	419	3.4	0.07	6.6	612	2.5
80289	2.12	<5	<1	3	0.17	9	4	0.33	703	2.4	0.05	6.4	633	2.5
80290	2.50	8	<1	<1	0.21	8	20	1.20	510	1.4	0.08	6.0	563	3.3

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 12V577984

PROJECT NO: 41882-00

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CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Sample Description	Analyte:	Fe	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb
	Unit:	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	RDL:	0.01	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5
80291		2.28	7	<1	3	0.20	6	13	0.70	410	150	0.07	5.8	593	3.6
80292		2.27	6	<1	<1	0.16	7	17	0.88	546	1.6	0.06	4.7	560	2.2
80293		2.36	8	<1	2	0.11	6	16	0.99	480	1.9	0.09	4.7	561	4.5
80294		2.28	6	<1	<1	0.20	5	10	0.62	322	1.5	0.07	5.0	591	2.5
80295		2.28	8	<1	3	0.17	6	12	0.80	412	1.4	0.06	5.3	553	4.4
80296		2.16	6	<1	<1	0.19	5	9	0.62	303	1.5	0.09	5.0	565	1.6
80297		2.32	6	<1	<1	0.15	7	9	0.69	360	1.8	0.06	5.0	551	2.9
80298		2.41	6	<1	3	0.18	6	12	0.80	460	1.6	0.07	5.6	556	2.9
80299		1.97	7	<1	1	0.25	8	15	0.84	494	1.7	0.05	6.0	623	3.5
80300		2.20	7	<1	<1	0.11	6	11	0.81	420	1.4	0.07	5.6	539	3.4
80300A		2.65	6	1	12	0.19	4	3	0.11	373	860	0.05	15.5	258	38.9
80301		2.31	7	<1	<1	0.14	7	15	1.05	550	1.7	0.07	5.9	542	3.2
80302		2.30	8	<1	1	0.14	7	16	1.06	540	1.4	0.07	5.3	571	4.7
80303		2.42	9	<1	<1	0.12	6	16	1.20	604	1.5	0.07	5.5	626	5.0
80304		2.52	8	<1	<1	0.13	6	13	0.80	421	1.7	0.09	4.0	650	2.9
80305		2.62	7	<1	1	0.13	8	10	0.78	425	1.2	0.07	5.5	723	2.2
80306		2.60	6	<1	<1	0.12	5	7	0.61	309	1.1	0.11	3.9	583	1.3
80307		2.62	6	<1	<1	0.13	6	13	0.97	496	2.2	0.08	5.7	623	2.0
80308		2.26	9	<1	<1	0.14	5	12	0.88	456	1.5	0.05	4.7	568	5.2
80309		2.09	6	<1	3	0.13	6	9	0.63	331	1.4	0.07	4.4	578	3.3
80310		2.35	7	<1	<1	0.15	6	8	0.63	322	1.6	0.09	4.5	597	3.0
80311		2.35	6	<1	<1	0.15	5	8	0.60	302	1.6	0.09	4.0	560	3.0
80312		2.30	<5	<1	<1	0.17	5	7	0.60	267	1.6	0.09	4.0	531	2.6
80313		2.20	6	<1	2	0.15	5	7	0.60	291	1.7	0.09	4.3	551	2.4
80314		2.03	8	<1	1	0.11	5	10	0.81	397	1.1	0.05	5.3	569	4.6
80315		2.33	6	<1	<1	0.15	5	7	0.63	299	<0.5	0.09	4.9	600	2.4
80316		2.55	7	<1	<1	0.19	5	9	0.75	362	1.5	0.06	5.5	586	3.8
80317		2.43	8	<1	2	0.19	5	8	0.73	339	1.5	0.06	5.1	551	3.8
80318		2.74	7	<1	<1	0.19	6	8	0.73	344	1.3	0.09	6.8	571	3.1
80319		2.77	9	<1	<1	0.19	6	10	0.96	457	1.0	0.07	8.0	624	4.7
80320		2.20	9	<1	<1	0.15	5	11	0.93	464	1.1	0.05	8.0	583	3.3
80320A		2.93	5	<1	7	0.17	6	5	0.21	719	200	0.07	18.0	569	13.7

Certified By: _____

CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

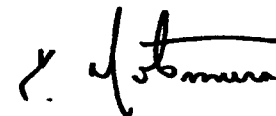
DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Analyte:	Fe	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	
Unit:	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	
Sample Description	RDL:	0.01	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5
80321		2.32	10	<1	<1	0.16	5	11	1.04	501	1.6	0.05	8.5	572	5.2
80322		2.52	9	<1	<1	0.13	6	14	1.05	516	4.6	0.06	7.3	663	4.6
80323		2.92	10	<1	<1	0.14	6	15	1.09	665	1.3	0.06	6.4	755	5.6
80324		3.22	8	<1	<1	0.26	6	17	1.07	1390	1.9	0.04	6.9	720	3.2
80325		2.65	9	<1	2	0.14	7	14	1.05	633	3.5	0.06	6.7	624	5.7
80326		2.35	11	<1	<1	0.17	5	13	0.98	530	1.3	0.07	5.5	593	5.6
80327		2.68	7	<1	2	0.14	5	12	0.88	482	0.9	0.07	5.5	771	2.7
80328		2.34	6	<1	1	0.21	7	11	0.81	481	2.2	0.07	4.6	534	3.2
80329		2.51	7	<1	3	0.17	5	8	0.59	311	1.8	0.11	4.3	607	2.8
80330		2.21	7	<1	<1	0.16	5	10	0.91	509	1.6	0.10	5.2	610	3.9
80331		2.23	7	<1	<1	0.14	6	13	0.80	368	1.4	0.06	5.2	401	3.7
80332		2.26	6	<1	3	0.19	4	8	0.66	300	1.9	0.09	4.4	509	2.9
80333		2.18	7	<1	<1	0.19	6	8	0.67	319	1.6	0.11	4.7	505	3.0
80334		1.98	6	<1	<1	0.17	7	9	0.68	386	1.2	0.05	3.9	498	3.4
80335		2.03	6	<1	2	0.18	7	10	0.71	405	1.2	0.06	4.8	517	4.3
80336		2.23	6	<1	<1	0.19	7	10	0.66	333	1.6	0.09	4.5	514	4.3
80337		2.28	6	<1	<1	0.22	6	7	0.62	284	1.6	0.12	3.8	494	2.4
80338		2.33	6	<1	3	0.22	6	7	0.62	290	1.6	0.12	4.0	503	2.5
80339		2.16	6	<1	<1	0.17	6	5	0.56	253	4.2	0.11	3.2	487	3.2
80340		2.22	7	<1	<1	0.17	6	6	0.57	265	4.2	0.11	3.3	492	3.4
80340A		2.22	6	<1	1	0.32	8	16	0.58	434	1.3	0.12	3.1	576	3.6
80341		2.21	7	<1	2	0.32	7	17	0.60	443	1.3	0.11	3.3	606	3.3
80342		2.25	7	<1	<1	0.16	6	9	0.62	337	1.2	0.09	4.1	552	3.0
80343		2.37	6	<1	<1	0.17	6	9	0.65	344	1.4	0.10	3.9	549	3.4
80344		2.36	7	<1	4	0.17	6	14	0.77	375	1.6	0.11	4.2	565	4.9
80345		2.39	7	<1	<1	0.18	6	14	0.77	374	1.4	0.12	3.9	538	4.4
80346		2.23	6	<1	2	0.31	8	16	0.82	442	2.0	0.12	4.7	543	6.5
80347		2.45	7	<1	<1	0.39	8	17	0.85	487	1.3	0.19	5.1	585	7.0
80348		1.85	7	<1	1	0.46	8	9	0.46	414	1.9	0.06	4.6	557	6.1
80349		1.71	6	<1	3	0.64	10	10	0.49	408	1.8	0.06	4.5	585	4.6
80350		2.41	8	<1	1	0.17	8	16	0.75	452	1.7	0.10	4.6	615	5.0
80351		2.38	9	<1	1	0.28	7	13	0.73	368	6.8	0.21	4.1	474	4.6

Certified By: _____





AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 12V577984
PROJECT NO: 41882-00

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CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Sample Description	Analyte:	Fe	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb
	Unit: RDL:	% 0.01	ppm 5	ppm 1	ppm 1	% 0.01	ppm 1	ppm 1	% 0.01	ppm 1	ppm 0.5	% 0.01	ppm 0.5	ppm 10	ppm 0.5
80352		1.86	6	<1	<1	0.45	8	9	0.46	387	1.7	0.07	4.5	535	5.2
80353		2.24	6	<1	2	0.20	7	9	0.67	360	9.9	0.08	3.8	487	3.0
80354		2.25	7	<1	<1	0.20	6	11	0.65	340	11.2	0.11	4.2	414	3.3
80355		2.10	7	<1	<1	0.20	7	10	0.60	316	13.0	0.12	3.6	444	3.8
80356		2.16	7	<1	<1	0.21	7	9	0.59	292	3.3	0.14	3.9	397	2.9
80357		2.12	8	<1	1	0.26	8	11	0.65	323	1.8	0.20	4.7	454	4.2
80358		2.03	7	<1	<1	0.14	8	11	0.56	308	1.5	0.09	3.5	499	3.4
80359		2.05	7	<1	<1	0.21	8	12	0.70	390	1.5	0.06	4.0	485	4.1
80360		1.95	7	<1	1	0.18	8	12	0.68	377	1.6	0.06	4.0	479	2.9
80360A		2.72	6	2	13	0.19	4	3	0.11	352	835	0.05	14.7	249	36.5
80361		2.35	9	<1	1	0.17	9	15	0.85	488	1.9	0.10	4.5	518	6.2
80362		2.57	9	<1	<1	0.19	6	13	0.86	454	1.8	0.11	5.1	587	4.9
80363		1.76	7	<1	<1	0.12	4	9	0.71	363	1.4	0.06	3.9	454	4.2
80364		2.67	10	<1	2	0.22	7	17	1.23	640	1.8	0.07	11.1	604	4.7
80365		2.61	9	<1	<1	0.29	7	12	0.66	585	18.0	0.03	3.1	487	6.7
80366		2.57	9	<1	1	0.23	8	18	1.13	640	2.1	0.05	8.5	672	4.0
80367		2.64	8	<1	1	0.26	8	19	1.15	614	2.3	0.06	8.3	658	4.8
80368		3.11	7	<1	2	0.19	4	14	0.97	564	1.6	0.04	6.4	602	2.7
80369		3.27	8	<1	2	0.20	5	14	0.98	571	1.8	0.04	6.2	600	3.2
80370		3.44	8	<1	<1	0.19	5	15	1.06	620	1.2	0.05	6.0	580	2.7
80371		3.39	8	<1	<1	0.19	5	15	1.04	637	2.0	0.05	6.5	625	2.6
80372		2.80	8	<1	<1	0.16	5	14	1.07	638	1.0	0.04	6.9	573	3.3
80373		3.01	8	<1	3	0.17	4	15	1.18	628	1.6	0.04	7.7	635	3.2
80374		2.49	8	<1	<1	0.19	6	11	0.87	446	1.8	0.11	5.5	590	3.5
80375		2.88	8	<1	<1	0.26	5	11	0.91	485	4.6	0.21	5.3	542	3.9
80376		2.66	10	<1	<1	0.25	5	10	0.84	477	3.0	0.17	6.0	556	3.0
80377		2.65	7	<1	1	0.27	7	9	0.77	424	3.1	0.26	5.7	594	4.3
80378		2.51	9	<1	<1	0.18	6	12	0.97	480	1.9	0.18	5.9	596	6.3
80379		2.52	7	<1	3	0.24	7	14	0.83	367	1.7	0.17	6.0	605	3.8
80380		2.48	6	<1	<1	0.23	6	10	0.75	355	1.8	0.17	5.0	646	3.1
80380A		1.58	<5	<1	7	0.17	6	2	0.16	396	268	0.05	3.1	371	23.7
80381		2.45	6	<1	1	0.21	6	7	0.60	308	2.0	0.18	4.9	625	2.6

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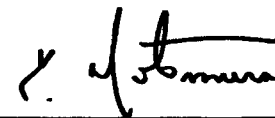
CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012	DATE RECEIVED: Feb 27, 2012						DATE REPORTED: Mar 05, 2012						SAMPLE TYPE: Drill Core	
Analyte:	Fe	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb
Unit:	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
RDL:	0.01	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5
80382	3.69	8	<1	<1	0.17	6	12	1.05	751	2.3	0.11	6.7	599	3.1
80383	2.39	6	<1	<1	0.16	6	6	0.54	265	1.9	0.12	4.2	644	1.9
80384	2.27	6	<1	<1	0.15	6	8	0.70	364	1.5	0.09	5.1	660	3.1
80385	2.48	6	<1	1	0.31	8	14	0.80	326	2.3	0.15	6.0	624	2.5
80386	2.53	6	<1	<1	0.16	8	12	0.93	452	4.6	0.14	5.0	523	4.9
80387	2.61	7	<1	<1	0.34	8	12	0.93	532	1.9	0.15	6.7	644	4.4
80388	2.67	8	<1	2	0.13	5	12	0.90	404	1.7	0.09	6.3	709	2.6
80389	2.61	5	<1	3	0.22	4	8	0.61	289	2.8	0.14	6.6	606	2.1
80390	2.21	6	<1	2	0.26	10	11	0.71	569	3.2	0.05	4.8	695	2.0
80391	2.54	6	<1	<1	0.15	5	9	0.68	305	2.0	0.12	5.4	671	2.4
80392	2.54	7	<1	4	0.16	8	21	1.01	515	1.5	0.06	6.6	728	3.1
80393	2.51	8	<1	<1	0.20	5	9	0.59	285	1.9	0.16	4.6	611	3.2
80394	2.62	9	<1	1	0.31	8	21	1.00	582	3.3	0.16	6.3	656	3.4
80395	2.48	6	<1	<1	0.16	5	13	0.75	353	1.8	0.19	5.4	662	3.2
80396	2.57	7	<1	<1	0.13	6	18	0.96	425	16.4	0.09	5.9	693	2.8
80397	2.45	7	<1	<1	0.29	7	26	0.90	573	1.7	0.10	6.5	715	5.9
80398	2.64	7	<1	<1	0.29	7	16	0.99	504	2.0	0.16	6.1	625	5.5
80399	2.34	5	<1	4	0.14	5	10	0.67	323	1.8	0.14	4.7	679	2.7
80400	2.46	6	<1	<1	0.13	5	11	0.69	314	1.9	0.09	4.7	662	2.4
80400A	1.92	<5	<1	<1	0.43	8	27	0.57	559	2.3	0.06	2.2	666	3.6
80401	2.25	7	<1	2	0.23	6	13	0.98	510	2.0	0.11	5.3	585	3.3
80402	2.42	6	<1	<1	0.15	5	10	0.77	340	2.8	0.16	5.2	565	2.6
80403	2.38	6	<1	2	0.19	7	11	0.78	403	2.1	0.09	5.3	614	3.9
80404	2.32	6	<1	<1	0.25	6	9	0.58	282	1.8	0.20	4.4	578	2.6
80405	2.46	8	<1	<1	0.22	7	12	0.89	463	3.6	0.16	6.3	617	3.9
80406	2.43	6	<1	<1	0.15	5	13	0.76	325	2.3	0.11	5.2	592	3.2
80407	2.65	7	<1	3	0.22	5	12	0.72	379	1.5	0.21	5.2	590	3.1
80408	2.43	6	<1	<1	0.20	4	10	0.62	275	1.8	0.08	4.9	647	1.8
80660	2.29	8	<1	2	0.13	5	12	0.81	382	2.2	0.11	5.6	597	3.9
80661	2.17	6	<1	1	0.16	6	6	0.51	233	2.6	0.14	3.2	545	3.2
80662	2.41	5	<1	<1	0.14	6	9	0.66	306	1.6	0.09	4.4	650	2.4

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 12V577984
PROJECT NO: 41882-00

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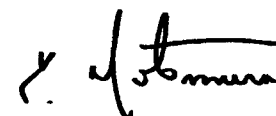
CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012	DATE RECEIVED: Feb 27, 2012					DATE REPORTED: Mar 05, 2012					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	
Sample Description	10	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	
80260	23	0.018	4	2.8	<10	<5	48.9	<10	<10	<5	0.16	10	<5	89.3	
80261	17	0.023	5	4.9	<10	<5	77.3	<10	<10	<5	0.21	12	<5	107	
80262	20	0.021	4	3.8	<10	<5	68.5	<10	<10	<5	0.14	10	<5	91.0	
80263	23	0.043	6	5.7	<10	<5	56.7	<10	<10	<5	0.07	9	<5	81.6	
80264	28	0.044	5	5.2	<10	<5	87.3	<10	<10	<5	0.11	9	<5	84.7	
80265	19	0.035	4	4.2	<10	<5	76.5	<10	<10	<5	0.17	11	<5	93.0	
80266	27	0.033	4	5.7	<10	<5	83.2	<10	<10	<5	0.16	10	<5	95.2	
80267	19	0.027	5	3.7	<10	<5	69.1	<10	<10	<5	0.20	11	<5	96.0	
80268	24	0.027	4	3.2	<10	<5	110	<10	<10	<5	0.14	10	<5	83.2	
80269	26	0.027	3	3.0	<10	<5	101	<10	<10	<5	0.20	11	<5	92.6	
80270	30	0.015	3	2.8	<10	<5	206	<10	<10	<5	0.16	9	<5	87.8	
80271	25	0.015	2	2.9	<10	<5	113	<10	<10	<5	0.19	10	<5	87.3	
80272	30	0.028	4	5.7	<10	<5	82.5	<10	<10	<5	0.10	10	<5	83.2	
80273	24	0.020	2	3.3	<10	<5	54.7	<10	<10	<5	0.16	9	<5	82.7	
80274	36	0.011	2	2.8	<10	<5	72.8	<10	<10	<5	0.21	9	<5	88.0	
80275	48	0.016	2	3.6	<10	<5	145	<10	<10	<5	0.19	8	<5	88.8	
80276	34	0.013	3	2.9	<10	<5	58.5	<10	<10	<5	0.19	9	<5	88.7	
80277	37	0.020	2	2.2	<10	<5	83.5	<10	<10	<5	0.17	8	<5	82.9	
80278	36	0.021	2	2.9	<10	<5	76.8	<10	<10	<5	0.19	8	<5	91.6	
80279	20	0.025	3	4.4	<10	<5	78.6	<10	<10	<5	0.18	10	<5	88.6	
80280	17	0.024	4	4.1	<10	<5	50.8	<10	<10	<5	0.16	10	<5	81.1	
80280A	14	0.503	29	1.8	<10	<5	244	<10	<10	<5	<0.01	8	<5	21.1	
80281	25	0.034	4	3.2	<10	<5	48.5	<10	<10	<5	0.08	9	<5	63.3	
80282	23	0.018	3	3.1	<10	<5	82.7	<10	<10	<5	0.16	10	<5	85.3	
80283	16	0.018	4	2.6	<10	<5	39.2	<10	<10	<5	0.14	9	<5	84.2	
80284	30	0.012	2	2.6	<10	<5	43.8	<10	<10	<5	0.17	7	<5	84.0	
80285	21	0.020	3	3.6	<10	<5	70.4	<10	<10	<5	0.19	11	<5	93.2	
80286	20	0.021	3	4.8	<10	<5	113	<10	<10	<5	0.17	10	<5	108	
80287	28	0.014	2	3.0	<10	<5	49.2	<10	<10	<5	0.16	8	<5	87.1	
80288	12	0.030	4	5.6	<10	<5	53.8	<10	<10	<5	0.03	8	<5	81.7	
80289	19	0.058	7	5.3	<10	<5	50.6	<10	<10	<5	<0.01	7	<5	62.3	
80290	23	0.041	5	4.8	<10	<5	55.5	<10	<10	<5	0.05	8	<5	78.8	

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 12V577984
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CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012	DATE RECEIVED: Feb 27, 2012										DATE REPORTED: Mar 05, 2012			SAMPLE TYPE: Drill Core	
Analyte: Unit: RDL:	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	
Sample Description	10	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	
80291	18	0.047	4	3.6	<10	<5	75.3	<10	<10	<5	0.06	7	<5	72.0	
80292	17	0.040	4	4.0	<10	<5	117	<10	<10	<5	0.02	8	<5	63.1	
80293	11	0.032	4	4.5	<10	<5	124	<10	<10	<5	0.09	8	<5	76.6	
80294	25	0.017	4	2.8	<10	<5	39.0	<10	<10	<5	0.12	8	<5	83.3	
80295	18	0.028	6	4.0	<10	<5	118	<10	<10	<5	0.12	9	<5	81.6	
80296	21	0.015	4	2.7	<10	<5	50.5	<10	<10	<5	0.17	8	<5	84.4	
80297	18	0.023	4	3.5	<10	<5	134	<10	<10	<5	0.09	9	<5	83.4	
80298	21	0.025	4	4.1	<10	<5	62.9	<10	<10	<5	0.12	9	<5	84.6	
80299	28	0.060	5	3.4	<10	<5	68.3	<10	<10	<5	<0.01	7	<5	51.8	
80300	14	0.030	4	4.4	<10	<5	62.7	<10	<10	<5	0.12	8	<5	77.4	
80300A	13	1.63	73	1.4	<10	<5	139	<10	<10	<5	0.01	8	<5	13.1	
80301	15	0.033	5	5.3	<10	<5	51.3	<10	<10	<5	0.09	8	<5	75.1	
80302	16	0.042	5	5.4	<10	<5	81.9	<10	<10	<5	0.08	8	<5	72.0	
80303	14	0.035	5	6.0	<10	<5	70.4	<10	<10	<5	0.13	9	<5	78.3	
80304	15	0.028	4	4.2	<10	<5	73.1	<10	<10	<5	0.14	9	<5	89.0	
80305	14	0.037	4	5.6	<10	<5	72.4	<10	<10	<5	0.06	8	<5	90.1	
80306	12	0.036	4	3.1	<10	<5	60.4	<10	<10	<5	0.13	8	<5	92.8	
80307	14	0.034	4	5.1	<10	<5	108	<10	<10	<5	0.08	7	<5	83.4	
80308	17	0.033	5	3.6	<10	<5	81.0	<10	<10	<5	0.13	9	<5	74.6	
80309	15	0.020	3	3.0	<10	<5	68.9	<10	<10	<5	0.18	10	<5	76.1	
80310	17	0.018	2	2.9	<10	<5	52.7	<10	<10	<5	0.18	9	<5	87.1	
80311	16	0.022	3	2.9	<10	<5	90.4	<10	<10	<5	0.18	10	<5	84.3	
80312	19	0.016	3	2.3	<10	<5	116	<10	<10	<5	0.15	9	<5	80.0	
80313	17	0.017	3	2.5	<10	<5	95.5	<10	<10	<5	0.16	8	<5	81.7	
80314	15	0.036	5	3.4	<10	<5	76.9	<10	<10	<5	0.09	9	<5	69.5	
80315	18	0.015	3	2.6	<10	<5	135	<10	<10	<5	0.16	8	<5	86.6	
80316	25	0.028	3	3.3	<10	<5	106	<10	<10	<5	0.19	10	<5	96.5	
80317	24	0.027	3	3.0	<10	<5	100	<10	<10	<5	0.18	9	<5	88.8	
80318	23	0.025	2	3.1	<10	<5	128	<10	<10	<5	0.21	10	<5	99.6	
80319	25	0.027	4	4.3	<10	<5	84.4	<10	<10	<5	0.21	11	<5	106	
80320	23	0.028	5	3.8	<10	<5	120	<10	<10	<5	0.16	9	<5	93.4	
80320A	13	0.883	25	2.4	<10	<5	154	<10	<10	<5	0.03	8	<5	21.6	

Certified By: 

Certificate of Analysis

AGAT WORK ORDER: 12V577984
PROJECT NO: 41882-00

5623 McADAM ROAD
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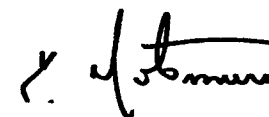
CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012	DATE RECEIVED: Feb 27, 2012					DATE REPORTED: Mar 05, 2012					SAMPLE TYPE: Drill Core				
Analyte: Unit: RDL:	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	
Sample Description	10	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	
80321	23	0.038	4	4.7	<10	<5	98.2	<10	<10	<5	0.17	10	<5	85.4	
80322	18	0.033	4	4.5	<10	<5	106	<10	<10	<5	0.16	10	<5	87.2	
80323	18	0.045	5	6.0	<10	<5	116	<10	<10	<5	0.13	10	<5	100	
80324	35	0.061	6	5.6	<10	<5	82.3	<10	<10	<5	0.07	9	<5	90.3	
80325	19	0.040	4	5.5	<10	<5	76.9	<10	<10	<5	0.16	9	<5	96.5	
80326	24	0.045	5	4.3	<10	<5	113	<10	<10	<5	0.14	10	<5	84.2	
80327	17	0.034	4	4.5	<10	<5	41.7	<10	<10	<5	0.15	8	<5	98.7	
80328	24	0.113	5	3.5	<10	<5	97.7	<10	<10	<5	0.10	8	<5	69.9	
80329	24	0.021	4	2.6	<10	<5	48.5	<10	<10	<5	0.17	10	<5	93.9	
80330	23	0.028	4	3.6	<10	<5	188	<10	<10	<5	0.14	9	<5	78.8	
80331	17	0.026	4	3.5	<10	<5	49.8	<10	<10	<5	0.08	8	<5	69.2	
80332	23	0.028	3	2.4	<10	<5	83.5	<10	<10	<5	0.16	9	<5	76.7	
80333	25	0.028	3	2.8	<10	<5	77.2	<10	<10	<5	0.17	8	<5	79.4	
80334	22	0.031	5	3.3	<10	<5	71.8	<10	<10	<5	0.07	8	<5	57.1	
80335	22	0.033	5	3.4	<10	<5	72.8	<10	<10	<5	0.07	5	<5	59.5	
80336	23	0.025	4	3.2	<10	<5	45.0	<10	<10	<5	0.16	10	<5	74.9	
80337	29	0.022	3	2.9	<10	<5	117	<10	<10	<5	0.17	10	<5	81.6	
80338	30	0.022	3	3.0	<10	<5	116	<10	<10	<5	0.17	9	<5	84.7	
80339	20	0.030	3	2.9	<10	<5	103	<10	<10	<5	0.17	8	<5	78.0	
80340	22	0.031	3	2.9	<10	<5	106	<10	<10	<5	0.16	10	<5	81.5	
80340A	49	0.015	3	3.1	<10	<5	135	<10	<10	<5	0.16	8	<5	67.1	
80341	51	0.017	3	3.0	<10	<5	138	<10	<10	<5	0.14	8	<5	69.1	
80342	22	0.023	4	3.3	<10	<5	71.9	<10	<10	<5	0.12	8	<5	82.2	
80343	22	0.025	4	3.5	<10	<5	75.1	<10	<10	<5	0.14	9	<5	82.9	
80344	21	0.027	3	4.1	<10	<5	138	<10	<10	<5	0.17	18	<5	84.2	
80345	22	0.026	3	4.1	<10	<5	142	<10	<10	<5	0.18	10	<5	82.9	
80346	27	0.042	4	4.1	<10	<5	51.7	<10	<10	<5	0.05	8	<5	59.0	
80347	35	0.046	5	4.3	<10	<5	47.6	<10	<10	<5	0.03	7	<5	60.5	
80348	49	0.062	5	2.7	<10	<5	50.3	<10	<10	<5	0.02	8	<5	41.5	
80349	59	0.056	7	3.3	<10	<5	46.7	<10	<10	<5	<0.01	8	<5	36.9	
80350	20	0.035	4	4.1	<10	<5	42.4	<10	<10	<5	0.11	8	<5	78.2	
80351	28	0.044	3	4.0	<10	<5	82.8	<10	<10	<5	0.17	10	<5	80.5	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V577984
PROJECT NO: 41882-00

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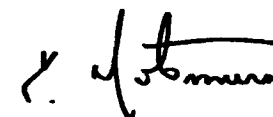
CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012	DATE RECEIVED: Feb 27, 2012		DATE REPORTED: Mar 05, 2012					SAMPLE TYPE: Drill Core						
Analyte: Unit: RDL:	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
Sample Description	10	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5
80352	47	0.059	6	2.6	<10	<5	48.9	<10	<10	<5	0.02	7	<5	43.0
80353	26	0.053	4	3.3	<10	<5	75.4	<10	<10	<5	0.11	8	<5	70.4
80354	28	0.024	4	2.6	<10	<5	74.2	<10	<10	<5	0.12	8	<5	76.4
80355	26	0.024	3	2.9	<10	<5	77.4	<10	<10	<5	0.15	9	<5	70.6
80356	24	0.026	3	2.7	<10	<5	81.1	<10	<10	<5	0.14	9	<5	67.0
80357	30	0.025	4	3.2	<10	<5	65.5	<10	<10	<5	0.15	9	<5	69.5
80358	15	0.027	4	3.0	<10	<5	61.2	<10	<10	<5	0.13	9	<5	70.4
80359	23	0.035	5	4.2	<10	<5	44.2	<10	<10	<5	0.13	8	<5	65.3
80360	20	0.033	5	3.9	<10	<5	40.6	<10	<10	<5	0.12	9	<5	63.5
80360A	13	1.66	75	1.4	<10	<5	138	<10	<10	<5	0.02	8	<5	13.3
80361	18	0.047	4	5.3	<10	<5	74.5	<10	<10	<5	0.16	10	<5	83.0
80362	24	0.032	4	3.7	<10	<5	106	<10	<10	<5	0.18	11	<5	91.3
80363	15	0.040	5	3.3	<10	<5	91.5	<10	<10	<5	0.10	8	<5	60.0
80364	24	0.053	5	6.4	<10	<5	96.5	<10	<10	<5	0.17	10	<5	87.3
80365	36	0.157	7	3.6	<10	<5	169	<10	<10	<5	0.02	7	<5	54.7
80366	24	0.058	6	5.8	<10	<5	72.5	<10	<10	<5	0.05	8	<5	67.6
80367	25	0.058	5	5.8	<10	<5	77.5	<10	<10	<5	0.06	8	<5	66.9
80368	20	0.065	6	4.4	<10	<5	86.3	<10	<10	<5	0.09	9	<5	75.4
80369	21	0.066	4	4.7	<10	<5	99.4	<10	<10	<5	0.10	9	<5	78.8
80370	18	0.050	4	4.8	<10	<5	84.5	<10	<10	<5	0.12	10	<5	83.2
80371	18	0.051	6	4.9	<10	<5	84.3	<10	<10	<5	0.13	10	<5	85.0
80372	19	0.084	4	4.8	<10	<5	67.3	<10	<10	<5	0.11	7	<5	73.8
80373	18	0.106	5	4.7	<10	<5	59.4	<10	<10	<5	0.10	9	<5	72.2
80374	20	0.033	4	3.6	<10	<5	132	<10	<10	<5	0.17	10	<5	85.9
80375	23	0.072	4	4.1	<10	<5	149	<10	<10	<5	0.18	11	<5	87.8
80376	26	0.285	4	3.6	<10	<5	189	<10	<10	<5	0.16	11	<5	77.9
80377	31	0.026	4	4.2	<10	<5	110	<10	<10	<5	0.21	10	<5	90.0
80378	18	0.032	5	4.5	<10	<5	133	<10	<10	<5	0.17	10	<5	89.4
80379	24	0.022	3	4.1	<10	<5	81.3	<10	<10	<5	0.09	10	<5	80.0
80380	22	0.026	4	3.4	<10	<5	99.6	<10	<10	<5	0.11	10	<5	81.4
80380A	11	0.489	28	1.6	<10	<5	238	<10	<10	<5	<0.01	7	<5	18.7
80381	26	0.018	4	2.3	<10	<5	212	<10	<10	<5	0.15	9	<5	91.3

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 12V577984
PROJECT NO: 41882-00

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CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

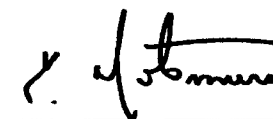
DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Sample Description	Analyte: Unit: RDL:	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		10	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5
80382		19	0.060	3	4.2	<10	<5	80.3	<10	<10	<5	0.13	8	<5	97.4
80383		20	0.015	3	2.3	<10	<5	198	<10	<10	<5	0.15	9	<5	85.1
80384		18	0.027	4	3.0	<10	<5	66.3	<10	<10	<5	0.11	9	<5	77.6
80385		29	0.025	4	4.1	<10	<5	59.8	<10	<10	<5	0.05	9	<5	72.5
80386		15	0.033	4	4.3	<10	<5	116	<10	<10	<5	0.09	11	<5	74.7
80387		28	0.046	5	4.2	<10	<5	42.0	<10	<10	<5	0.02	9	<5	64.1
80388		13	0.026	5	3.9	<10	<5	51.1	<10	<10	<5	0.14	9	<5	93.1
80389		22	0.016	4	2.3	<10	<5	62.3	<10	<10	<5	0.16	10	<5	90.0
80390		27	0.072	7	3.8	<10	<5	72.3	<10	<10	<5	<0.01	6	<5	43.8
80391		15	0.021	5	2.8	<10	<5	51.9	<10	<10	<5	0.13	8	<5	89.0
80392		18	0.041	6	3.9	<10	<5	44.8	<10	<10	<5	0.03	8	<5	65.2
80393		20	0.021	3	2.2	<10	<5	74.2	<10	<10	<5	0.12	9	<5	87.3
80394		33	0.055	5	3.8	<10	<5	92.1	<10	<10	<5	0.05	8	<5	73.3
80395		15	0.022	4	3.1	<10	<5	220	<10	<10	<5	0.15	10	<5	87.7
80396		13	0.046	5	4.0	<10	<5	98.6	<10	<10	<5	0.12	11	<5	86.2
80397		28	0.048	6	4.6	<10	<5	57.3	<10	<10	<5	0.02	8	<5	66.0
80398		26	0.035	6	4.3	<10	<5	66.4	<10	<10	<5	0.08	10	<5	78.3
80399		14	0.024	5	2.9	<10	<5	75.6	<10	<10	<5	0.12	8	<5	83.3
80400		13	0.022	4	2.6	<10	<5	50.4	<10	<10	<5	0.12	8	<5	83.1
80400A		73	0.009	2	2.4	<10	<5	55.4	<10	<10	<5	0.13	6	<5	41.8
80401		20	0.044	6	3.9	<10	<5	57.0	<10	<10	<5	0.05	7	<5	66.5
80402		14	0.021	4	2.8	<10	<5	78.8	<10	<10	<5	0.11	9	<5	80.3
80403		17	0.035	5	3.3	<10	<5	56.1	<10	<10	<5	0.07	8	<5	70.9
80404		27	0.017	4	2.4	<10	<5	67.7	<10	<10	<5	0.16	9	<5	88.3
80405		23	0.050	5	4.1	<10	<5	91.7	<10	<10	<5	0.05	8	<5	72.8
80406		14	0.022	4	3.1	<10	<5	116	<10	<10	<5	0.11	8	<5	81.0
80407		21	0.024	3	2.9	<10	<5	140	<10	<10	<5	0.13	10	<5	90.8
80408		22	0.019	4	2.0	<10	<5	90.5	<10	<10	<5	0.15	10	<5	91.5
80660		14	0.025	4	3.8	<10	<5	86.2	<10	<10	<5	0.11	8	<5	77.6
80661		20	0.025	4	2.2	<10	<5	97.9	<10	<10	<5	0.13	9	<5	77.0
80662		15	0.022	4	2.7	<10	<5	107	<10	<10	<5	0.12	8	<5	70.9

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12V577984

PROJECT NO: 41882-00

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CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Sample Description	Analyte: Unit: RDL:	W ppm 1	Y ppm 1	Zn ppm 0.5	Zr ppm 5
80260		<1	5	35.3	<5
80261		<1	7	37.8	<5
80262		<1	6	35.9	<5
80263		<1	9	46.7	<5
80264		<1	8	35.2	<5
80265		<1	7	35.0	<5
80266		<1	8	43.6	<5
80267		<1	7	31.8	<5
80268		<1	6	30.1	<5
80269		<1	6	29.2	<5
80270		<1	5	32.7	<5
80271		<1	6	28.5	<5
80272		<1	8	41.7	<5
80273		<1	7	30.8	<5
80274		<1	7	30.0	<5
80275		<1	7	30.3	<5
80276		<1	7	26.6	<5
80277		<1	5	80.8	<5
80278		<1	6	50.2	<5
80279		<1	8	33.9	<5
80280		<1	8	33.1	<5
80280A		<1	5	122	<5
80281		<1	9	37.1	<5
80282		<1	6	32.8	<5
80283		<1	6	29.5	<5
80284		<1	6	27.0	<5
80285		<1	6	23.5	<5
80286		<1	6	33.3	<5
80287		<1	6	30.9	<5
80288		<1	10	35.8	<5
80289		<1	12	35.5	<5
80290		<1	9	35.2	<5

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Certificate of Analysis

AGAT WORK ORDER: 12V577984

PROJECT NO: 41882-00

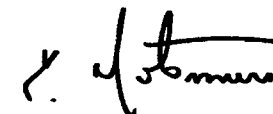
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CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)					
DATE SAMPLED: Feb 27, 2012	DATE RECEIVED: Feb 27, 2012			DATE REPORTED: Mar 05, 2012	SAMPLE TYPE: Drill Core
Analyte:	W	Y	Zn	Zr	
Unit:	ppm	ppm	ppm	ppm	
RDL:	1	1	0.5	5	
Sample Description					
80291	2	7	33.1	<5	
80292	<1	7	32.4	<5	
80293	<1	6	31.6	<5	
80294	<1	5	33.7	<5	
80295	<1	6	28.0	<5	
80296	<1	5	30.3	<5	
80297	<1	7	32.4	<5	
80298	<1	6	40.2	<5	
80299	<1	9	37.7	<5	
80300	<1	6	35.7	<5	
80300A	<1	5	53.3	<5	
80301	<1	7	34.5	<5	
80302	<1	8	35.1	<5	
80303	<1	7	36.5	<5	
80304	<1	6	29.3	<5	
80305	<1	8	44.5	<5	
80306	<1	5	26.2	<5	
80307	<1	7	44.0	<5	
80308	<1	5	32.3	<5	
80309	<1	10	32.3	<5	
80310	<1	6	30.6	<5	
80311	<1	6	28.3	<5	
80312	<1	4	27.3	<5	
80313	<1	5	27.8	<5	
80314	<1	4	25.1	<5	
80315	<1	5	28.0	<5	
80316	<1	5	22.7	<5	
80317	<1	5	21.8	<5	
80318	<1	6	29.0	<5	
80319	<1	7	37.6	<5	
80320	<1	5	39.1	<5	
80320A	6	6	77.9	<5	

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CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Sample Description	Analyte: Unit: RDL:	W ppm 1	Y ppm 1	Zn ppm 0.5	Zr ppm 5
80321		<1	6	39.2	<5
80322		<1	6	37.0	<5
80323		<1	8	34.4	<5
80324		<1	9	47.3	<5
80325		<1	7	36.5	<5
80326		<1	6	29.3	<5
80327		<1	6	30.3	<5
80328		<1	6	28.5	<5
80329		<1	5	28.9	<5
80330		<1	5	35.8	<5
80331		<1	6	34.0	<5
80332		<1	4	30.5	<5
80333		<1	4	30.7	<5
80334		<1	7	25.6	<5
80335		<1	8	27.1	<5
80336		<1	6	31.1	<5
80337		<1	6	19.6	<5
80338		<1	6	20.2	<5
80339		<1	6	17.8	<5
80340		<1	6	18.4	<5
80340A		<1	6	27.9	<5
80341		<1	6	29.4	<5
80342		<1	4	24.4	<5
80343		<1	5	23.4	<5
80344		<1	8	26.0	<5
80345		<1	8	24.4	<5
80346		<1	10	38.9	<5
80347		<1	9	52.9	<5
80348		<1	8	42.0	<5
80349		<1	8	41.7	<5
80350		<1	6	44.4	<5
80351		<1	6	35.4	<5

Certified By:





AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 12V577984
PROJECT NO: 41882-00

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)					
DATE SAMPLED: Feb 27, 2012	DATE RECEIVED: Feb 27, 2012		DATE REPORTED: Mar 05, 2012		SAMPLE TYPE: Drill Core
Sample Description	Analyte: Unit: RDL:	W ppm 1	Y ppm 1	Zn ppm 0.5	Zr ppm 5
80352		<1	8	41.9	<5
80353		<1	7	29.0	<5
80354		<1	5	36.5	<5
80355		<1	6	32.6	<5
80356		<1	6	32.8	<5
80357		<1	6	31.4	<5
80358		<1	7	37.2	<5
80359		<1	8	30.8	<5
80360		<1	7	30.2	<5
80360A		<1	5	51.1	<5
80361		<1	9	41.9	<5
80362		<1	6	38.3	<5
80363		<1	4	22.1	<5
80364		<1	8	45.6	<5
80365		<1	8	21.8	<5
80366		<1	10	55.3	<5
80367		<1	10	52.3	<5
80368		<1	5	30.5	<5
80369		<1	8	30.2	<5
80370		<1	6	29.8	<5
80371		<1	6	31.7	<5
80372		<1	6	31.7	<5
80373		<1	5	34.9	<5
80374		<1	6	33.0	<5
80375		<1	6	34.0	<5
80376		<1	5	28.5	<5
80377		<1	7	31.6	<5
80378		<1	6	44.9	<5
80379		<1	6	43.2	<5
80380		<1	6	32.4	<5
80380A		<1	4	111	<5
80381		<1	4	29.7	<5

Certified By: _____

Certificate of Analysis

AGAT WORK ORDER: 12V577984

PROJECT NO: 41882-00

5623 McADAM ROAD
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CLIENT NAME: HIGHBANK RESOURCES

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

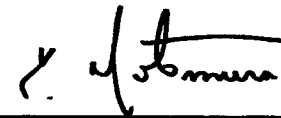
DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Sample Description	Analyte:	W	Y	Zn	Zr
	Unit:	ppm	ppm	ppm	ppm
RDL:		1	1	0.5	5
80382		<1	5	59.8	<5
80383		<1	4	20.2	<5
80384		<1	5	27.1	<5
80385		<1	7	36.8	<5
80386		<1	8	36.9	<5
80387		<1	8	55.7	<5
80388		<1	6	29.0	<5
80389		<1	4	28.6	<5
80390		<1	9	40.8	<5
80391		<1	4	23.0	<5
80392		<1	7	44.0	<5
80393		<1	4	27.0	<5
80394		<1	8	43.4	<5
80395		<1	5	32.2	<5
80396		<1	6	32.6	<5
80397		<1	8	43.2	<5
80398		<1	7	56.1	<5
80399		<1	5	25.6	<5
80400		<1	5	25.4	<5
80400A		<1	5	48.9	<5
80401		<1	6	32.8	<5
80402		<1	5	30.1	<5
80403		<1	6	30.7	<5
80404		<1	5	28.4	<5
80405		<1	7	42.7	<5
80406		<1	5	28.1	<5
80407		<1	5	34.4	<5
80408		<1	4	23.9	<5
80660		<1	5	29.0	<5
80661		<1	5	18.3	<5
80662		<1	5	22.7	<5

Certified By: _____





Certificate of Analysis

AGAT WORK ORDER: 12V577984

PROJECT NO: 41882-00

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CLIENT NAME: Highbank Resources

ATTENTION TO: GARY MUSIL

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Feb 27, 2012

DATE RECEIVED: Feb 27, 2012

DATE REPORTED: Mar 05, 2012

SAMPLE TYPE: Drill Core

Comments: RDL - Reported Detection Limit

Certified By:

Quality Assurance

CLIENT NAME: HIGHBANK RESOURCES
 PROJECT NO: 41882-00

AGAT WORK ORDER: 12V577984
 ATTENTION TO: GARY MUSIL

Solid Analysis											
RPT Date: Mar 05, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
									Lower	Upper	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3147166	< 0.2	< 0.2	0.0%	< 0.2			80%	120%	
Al	1	3147166	1.20	1.17	2.5%	< 0.01			80%	120%	
As	1	3147166	13	12	8.0%	< 1			80%	120%	
B	1	3147166	< 5	< 5	0.0%	< 5			80%	120%	
Ba	1	3147166	326	315	3.4%	< 1			80%	120%	
Be	1	3147166	< 0.5	< 0.5	0.0%	< 0.5			80%	120%	
Bi	1	3147166	< 1	< 1	0.0%	< 1			80%	120%	
Ca	1	3147166	1.55	1.53	1.3%	< 0.01			80%	120%	
Cd	1	3147166	< 0.5	< 0.5	0.0%	< 0.5			80%	120%	
Ce	1	3147166	14	15	6.9%	< 1			80%	120%	
Co	1	3147166	6.5	5.6	14.9%	< 0.5	5.9	5.0	118%	80%	120%
Cr	1	3147166	105	101	3.9%	< 0.5			80%	120%	
Cu	1	3147166	37.4	36.7	1.9%	< 0.5	3793	3800	99%	80%	120%
Fe	1	3147166	2.36	2.29	3.0%	< 0.01			80%	120%	
Ga	1	3147166	5	6	18.2%	< 5			80%	120%	
Hg	1	3147166	< 1	< 1	0.0%	< 1	1.4	1.3	104%	80%	120%
In	1	3147166	< 1	< 1	0.0%	< 1			80%	120%	
K	1	3147166	0.186	0.175	6.1%	< 0.01			80%	120%	
La	1	3147166	6	5	18.2%	< 1			80%	120%	
Li	1	3147166	11	10	9.5%	< 1			80%	120%	
Mg	1	3147166	0.703	0.674	4.2%	< 0.01			80%	120%	
Mn	1	3147166	380	354	7.1%	< 1			80%	120%	
Mo	1	3147166	2.0	1.8	10.5%	< 0.5			80%	120%	
Na	1	3147166	0.09	0.09	0.0%	< 0.01			80%	120%	
Ni	1	3147166	6.2	5.6	10.2%	< 0.5			80%	120%	
P	1	3147166	582	542	7.1%	< 10			80%	120%	
Pb	1	3147166	5.1	4.1	21.7%	< 0.5			80%	120%	
Rb	1	3147166	23	21	9.1%	< 10	12	13	89%	80%	120%
S	1	3147166	0.018	0.018	0.0%	< 0.005			80%	120%	
Sb	1	3147166	4	4	0.0%	< 1			80%	120%	
Sc	1	3147166	2.8	2.8	0.0%	< 0.5			80%	120%	
Se	1	3147166	< 10	< 10	0.0%	< 10			80%	120%	
Sn	1	3147166	< 5	< 5	0.0%	< 5			80%	120%	
Sr	1	3147166	48.9	51.2	4.6%	< 0.5	321	390	82%	80%	120%
Ta	1	3147166	< 10	< 10	0.0%	< 10			80%	120%	
Te	1	3147166	< 10	< 10	0.0%	< 10			80%	120%	
Th	1	3147166	< 5	< 5	0.0%	< 5			80%	120%	
Ti	1	3147166	0.16	0.16	0.0%	< 0.01			80%	120%	
Tl	1	3147166	10	10	0.0%	< 5			80%	120%	
U	1	3147166	< 5	< 5	0.0%	< 5			80%	120%	
V	1	3147166	89.3	85.1	4.8%	< 0.5			80%	120%	
W	1	3147166	< 1	< 1	0.0%	< 1			80%	120%	
Y	1	3147166	5	5	0.0%	< 1			80%	120%	
Zn	1	3147166	35.3	34.2	3.2%	< 0.5			80%	120%	

Quality Assurance

CLIENT NAME: HIGHBANK RESOURCES
 PROJECT NO: 41882-00

AGAT WORK ORDER: 12V577984
 ATTENTION TO: GARY MUSIL

Solid Analysis (Continued)											
RPT Date: Mar 05, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Zr	1	3147166	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3147191	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	3147191	1.31	1.39	5.9%	< 0.01				80%	120%
As	1	3147191	11	11	0.0%	< 1				80%	120%
B	1	3147191	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	3147191	69	71	2.9%	< 1				80%	120%
Be	1	3147191	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	3147191	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	3147191	1.36	1.45	6.4%	< 0.01				80%	120%
Cd	1	3147191	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	3147191	15	19	23.5%	< 1				80%	120%
Co	1	3147191	6.7	6.6	1.5%	< 0.5	6.1	5.0	123%	80%	120%
Cr	1	3147191	67.9	76.5	11.9%	< 0.5				80%	120%
Cu	1	3147191	254	264	3.9%	< 0.5	3910	3800	102%	80%	120%
Fe	1	3147191	2.39	2.40	0.4%	< 0.01				80%	120%
Ga	1	3147191	7	7	0.0%	< 5				80%	120%
Hg	1	3147191	< 1	< 1	0.0%	< 1	1.3	1.3	100%	80%	120%
In	1	3147191	< 1	< 1	0.0%	< 1				80%	120%
K	1	3147191	0.144	0.156	8.0%	< 0.01				80%	120%
La	1	3147191	6	7	15.4%	< 1				80%	120%
Li	1	3147191	10	10	0.0%	< 1				80%	120%
Mg	1	3147191	0.71	0.72	1.4%	< 0.01				80%	120%
Mn	1	3147191	376	402	6.7%	< 1				80%	120%
Mo	1	3147191	3.14	3.67	15.6%	< 0.5				80%	120%
Na	1	3147191	0.07	0.07	0.0%	< 0.01				80%	120%
Ni	1	3147191	5.4	5.4	0.0%	< 0.5				80%	120%
P	1	3147191	529	516	2.5%	< 10				80%	120%
Pb	1	3147191	2.4	3.1	25.5%	< 0.5				80%	120%
Rb	1	3147191	16	18	11.8%	< 10	12	13	93%	80%	120%
S	1	3147191	0.018	0.019	5.4%	< 0.005				80%	120%
Sb	1	3147191	4	4	0.0%	< 1				80%	120%
Sc	1	3147191	2.64	3.26	21.0%	< 0.5				80%	120%
Se	1	3147191	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	3147191	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	3147191	39.2	46.6	17.2%	< 0.5	321	390	82%	80%	120%
Ta	1	3147191	< 10	< 10	0.0%	< 10				80%	120%
Te	1	3147191	< 10	< 10	0.0%	< 10				80%	120%
Th	1	3147191	< 5	< 5	0.0%	< 5	1.3	1.4	94%	80%	120%
Ti	1	3147191	0.145	0.175	18.8%	< 0.01				80%	120%
Tl	1	3147191	9	9	0.0%	< 5				80%	120%
U	1	3147191	< 5	< 5	0.0%	< 5				80%	120%
V	1	3147191	84.2	89.7	6.3%	< 0.5				80%	120%
W	1	3147191	< 1	< 1	0.0%	< 1				80%	120%

Quality Assurance

CLIENT NAME: HIGHBANK RESOURCES
 PROJECT NO: 41882-00

AGAT WORK ORDER: 12V577984
 ATTENTION TO: GARY MUSIL

Solid Analysis (Continued)											
RPT Date: Mar 05, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
									Lower	Upper	
Y	1	3147191	6	7	15.4%	< 1			80%	120%	
Zn	1	3147191	29.5	36.2	20.4%	< 0.5			80%	120%	
Zr	1	3147191	< 5	< 5	0.0%	< 5			80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3147216	< 0.2	< 0.2	0.0%	< 0.2			80%	120%	
Al	1	3147216	1.31	1.30	0.8%	< 0.01			80%	120%	
As	1	3147216	12	14	15.4%	< 1			80%	120%	
B	1	3147216	< 5	< 5	0.0%	< 5			80%	120%	
Ba	1	3147216	40	39	2.5%	< 1			80%	120%	
Be	1	3147216	< 0.5	< 0.5	0.0%	< 0.5			80%	120%	
Bi	1	3147216	< 1	< 1	0.0%	< 1			80%	120%	
Ca	1	3147216	2.06	2.06	0.0%	< 0.01			80%	120%	
Cd	1	3147216	< 0.5	< 0.5	0.0%	< 0.5			80%	120%	
Ce	1	3147216	20	20	0.0%	< 1			80%	120%	
Co	1	3147216	8.1	8.1	0.0%	< 0.5	6.2	5.0	124%	80% 120%	
Cr	1	3147216	61.3	60.8	0.8%	< 0.5			80%	120%	
Cu	1	3147216	310	309	0.3%	< 0.5	3803	3800	100%	80% 120%	
Fe	1	3147216	2.62	2.61	0.4%	< 0.01			80%	120%	
Ga	1	3147216	7	6	15.4%	< 5			80%	120%	
Hg	1	3147216	< 1	< 1	0.0%	< 1	1.2	1.3	96%	80% 120%	
In	1	3147216	1	< 1		< 1			80%	120%	
K	1	3147216	0.128	0.124	3.2%	< 0.01			80%	120%	
La	1	3147216	8	7	13.3%	< 1			80%	120%	
Li	1	3147216	10	10	0.0%	< 1			80%	120%	
Mg	1	3147216	0.78	0.77	1.3%	< 0.01			80%	120%	
Mn	1	3147216	425	420	1.2%	< 1			80%	120%	
Mo	1	3147216	1.2	2.6		< 0.5			80%	120%	
Na	1	3147216	0.07	0.07	0.0%	< 0.01			80%	120%	
Ni	1	3147216	5.5	5.5	0.0%	< 0.5			80%	120%	
P	1	3147216	723	726	0.4%	< 10			80%	120%	
Pb	1	3147216	2.2	1.7	25.6%	< 0.5			80%	120%	
Rb	1	3147216	14	14	0.0%	< 10	12	13	90%	80% 120%	
S	1	3147216	0.037	0.037	0.0%	< 0.005			80%	120%	
Sb	1	3147216	4	4	0.0%	< 1			80%	120%	
Sc	1	3147216	5.6	5.5	1.8%	< 0.5			80%	120%	
Se	1	3147216	< 10	< 10	0.0%	< 10			80%	120%	
Sn	1	3147216	< 5	< 5	0.0%	< 5			80%	120%	
Sr	1	3147216	72.4	70.8	2.2%	0.8	317	390	81%	80% 120%	
Ta	1	3147216	< 10	< 10	0.0%	< 10			80%	120%	
Te	1	3147216	< 10	< 10	0.0%	< 10			80%	120%	
Th	1	3147216	< 5	< 5	0.0%	< 5			80%	120%	
Ti	1	3147216	0.06	0.06	0.0%	< 0.01			80%	120%	
Tl	1	3147216	8	7	13.3%	< 5			80%	120%	
U	1	3147216	< 5	< 5	0.0%	< 5			80%	120%	

Quality Assurance

CLIENT NAME: HIGHBANK RESOURCES
 PROJECT NO: 41882-00

AGAT WORK ORDER: 12V577984
 ATTENTION TO: GARY MUSIL

Solid Analysis (Continued)											
RPT Date: Mar 05, 2012			REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
V	1	3147216	90.1	88.4	1.9%	< 0.5				80%	120%
W	1	3147216	< 1	< 1	0.0%	< 1				80%	120%
Y	1	3147216	8	8	0.0%	< 1				80%	120%
Zn	1	3147216	44.5	34.4	25.6%	< 0.5				80%	120%
Zr	1	3147216	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3147241	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	3147241	1.39	1.38	0.7%	< 0.01				80%	120%
As	1	3147241	10	11	9.5%	< 1				80%	120%
B	1	3147241	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	3147241	90	86	4.5%	< 1				80%	120%
Be	1	3147241	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	3147241	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	3147241	1.70	1.71	0.6%	< 0.01				80%	120%
Cd	1	3147241	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	3147241	12	12	0.0%	< 1				80%	120%
Co	1	3147241	5.4	5.1	5.7%	< 0.5	6.1	5.0	122%	80%	120%
Cr	1	3147241	65.1	64.4	1.1%	< 0.5				80%	120%
Cu	1	3147241	45.5	43.0	5.6%	< 0.5	3858	3800	101%	80%	120%
Fe	1	3147241	2.51	2.53	0.8%	< 0.01				80%	120%
Ga	1	3147241	7	< 5		< 5				80%	120%
Hg	1	3147241	< 1	< 1	0.0%	< 1	1.4	1.3	104%	80%	120%
In	1	3147241	3	< 1		< 1				80%	120%
K	1	3147241	0.17	0.17	0.0%	< 0.01				80%	120%
La	1	3147241	5	5	0.0%	< 1				80%	120%
Li	1	3147241	8	8	0.0%	< 1				80%	120%
Mg	1	3147241	0.59	0.58	1.7%	< 0.01				80%	120%
Mn	1	3147241	311	304	2.3%	< 1				80%	120%
Mo	1	3147241	1.8	1.5	18.2%	< 0.5				80%	120%
Na	1	3147241	0.11	0.11	0.0%	< 0.01				80%	120%
Ni	1	3147241	4.33	4.04	6.9%	< 0.5				80%	120%
P	1	3147241	607	592	2.5%	< 10				80%	120%
Pb	1	3147241	2.8	2.4	15.4%	< 0.5				80%	120%
Rb	1	3147241	24	23	4.3%	< 10	12	13	89%	80%	120%
S	1	3147241	0.0213	0.0203	4.8%	< 0.005				80%	120%
Sb	1	3147241	4	3	28.6%	< 1				80%	120%
Sc	1	3147241	2.60	2.43	6.8%	< 0.5				80%	120%
Se	1	3147241	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	3147241	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	3147241	48.5	47.4	2.3%	0.6	313	390	80%	80%	120%
Ta	1	3147241	< 10	< 10	0.0%	< 10				80%	120%
Te	1	3147241	< 10	< 10	0.0%	< 10				80%	120%
Th	1	3147241	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	3147241	0.167	0.165	1.2%	< 0.01				80%	120%
Tl	1	3147241	10	10	0.0%	< 5				80%	120%

Quality Assurance

CLIENT NAME: HIGHBANK RESOURCES
 PROJECT NO: 41882-00

AGAT WORK ORDER: 12V577984
 ATTENTION TO: GARY MUSIL

Solid Analysis (Continued)											
RPT Date: Mar 05, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
U	1	3147241	< 5	< 5	0.0%	< 5				80%	120%
V	1	3147241	93.9	92.5	1.5%	< 0.5				80%	120%
W	1	3147241	< 1	< 1	0.0%	< 1				80%	120%
Y	1	3147241	5	5	0.0%	< 1				80%	120%
Zn	1	3147241	28.9	27.2	6.1%	< 0.5				80%	120%
Zr	1	3147241	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3147266	0.3	0.3	0.0%	< 0.2				80%	120%
Al	1	3147266	1.48	1.46	1.4%	< 0.01				80%	120%
As	1	3147266	10	10	0.0%	< 1				80%	120%
B	1	3147266	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	3147266	97	95	2.1%	< 1				80%	120%
Be	1	3147266	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	3147266	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	3147266	1.98	1.95	1.5%	< 0.01				80%	120%
Cd	1	3147266	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	3147266	18	17	5.7%	< 1				80%	120%
Co	1	3147266	5.8	5.8	0.0%	< 0.5	6.3	5.0	125%	80%	120%
Cr	1	3147266	58.5	54.5	7.1%	< 0.5				80%	120%
Cu	1	3147266	808	777	3.9%	< 0.5	3934	3800	103%	80%	120%
Fe	1	3147266	2.24	2.18	2.7%	< 0.01				80%	120%
Ga	1	3147266	6	6	0.0%	< 5				80%	120%
Hg	1	3147266	< 1	< 1	0.0%	< 1	1.6	1.3	127%	80%	120%
In	1	3147266	2	< 1		< 1				80%	120%
K	1	3147266	0.203	0.194	4.5%	< 0.01				80%	120%
La	1	3147266	7	7	0.0%	< 1				80%	120%
Li	1	3147266	9	9	0.0%	< 1				80%	120%
Mg	1	3147266	0.67	0.65	3.0%	< 0.01				80%	120%
Mn	1	3147266	360	345	4.3%	< 1				80%	120%
Mo	1	3147266	9.9	10.1	2.0%	< 0.5				80%	120%
Na	1	3147266	0.08	0.08	0.0%	< 0.01				80%	120%
Ni	1	3147266	3.78	3.70	2.1%	< 0.5				80%	120%
P	1	3147266	487	482	1.0%	< 10				80%	120%
Pb	1	3147266	3.0	2.6	14.3%	< 0.5				80%	120%
Rb	1	3147266	26	25	3.9%	< 10	13	13	96%	80%	120%
S	1	3147266	0.0535	0.0540	0.9%	< 0.005				80%	120%
Sb	1	3147266	4	4	0.0%	< 1				80%	120%
Sc	1	3147266	3.3	3.2	3.1%	< 0.5				80%	120%
Se	1	3147266	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	3147266	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	3147266	75.4	74.6	1.1%	< 0.5	322	390	80%	80%	120%
Ta	1	3147266	< 10	< 10	0.0%	< 10				80%	120%
Te	1	3147266	< 10	< 10	0.0%	< 10				80%	120%
Th	1	3147266	< 5	< 5	0.0%	< 5	1.1	1.4	80%	80%	120%

Quality Assurance

CLIENT NAME: HIGHBANK RESOURCES

AGAT WORK ORDER: 12V577984

PROJECT NO: 41882-00

ATTENTION TO: GARY MUSIL

Solid Analysis (Continued)												
RPT Date: Mar 05, 2012		REPLICATE					Method Blank	REFERENCE MATERIAL			Acceptable Limits	
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Lower	Upper	
Ti	1	3147266	0.113	0.105	7.3%	< 0.01				80%	120%	
Tl	1	3147266	8	8	0.0%	< 5				80%	120%	
U	1	3147266	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3147266	70.4	66.9	5.1%	< 0.5				80%	120%	
W	1	3147266	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3147266	7	6	15.4%	< 1				80%	120%	
Zn	1	3147266	29.0	22.8	23.9%	< 0.5				80%	120%	
Zr	1	3147266	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3147293	3.9	3.7	5.3%	< 0.2				80%	120%	
Al	1	3147293	2.58	2.43	6.0%	< 0.01				80%	120%	
As	1	3147293	13	15	14.3%	< 1				80%	120%	
B	1	3147293	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	3147293	117	110	6.2%	< 1				80%	120%	
Be	1	3147293	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Bi	1	3147293	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3147293	2.61	2.45	6.3%	< 0.01				80%	120%	
Cd	1	3147293	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	3147293	7	6	15.4%	< 1				80%	120%	
Co	1	3147293	6.5	6.6	1.5%	< 0.5	6.1	5.0	122%	80%	120%	
Cr	1	3147293	175	175	0.0%	< 0.5				80%	120%	
Cu	1	3147293	6530	6330	3.1%	< 0.5	3802	3800	100%	80%	120%	
Fe	1	3147293	2.66	2.50	6.2%	< 0.01				80%	120%	
Ga	1	3147293	10	10	0.0%	< 5				80%	120%	
Hg	1	3147293	< 1	< 1	0.0%	< 1	1.3	1.3	96%	80%	120%	
In	1	3147293	< 1	1		< 1				80%	120%	
K	1	3147293	0.249	0.232	7.1%	< 0.01				80%	120%	
La	1	3147293	5	5	0.0%	< 1				80%	120%	
Li	1	3147293	10	9	10.5%	< 1				80%	120%	
Mg	1	3147293	0.836	0.791	5.5%	< 0.01				80%	120%	
Mn	1	3147293	477	476	0.2%	< 1				80%	120%	
Mo	1	3147293	3.0	3.0	0.0%	< 0.5				80%	120%	
Na	1	3147293	0.17	0.16	6.1%	< 0.01				80%	120%	
Ni	1	3147293	6.0	5.9	1.7%	< 0.5				80%	120%	
P	1	3147293	556	550	1.1%	< 10				80%	120%	
Pb	1	3147293	2.98	2.29	26.2%	< 0.5				80%	120%	
Rb	1	3147293	26	25	3.9%	< 10	11	13	86%	80%	120%	
S	1	3147293	0.285	0.269	5.8%	< 0.005				80%	120%	
Sb	1	3147293	4	5	22.2%	< 1				80%	120%	
Sc	1	3147293	3.58	3.54	1.1%	< 0.5				80%	120%	
Se	1	3147293	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3147293	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3147293	189	180	4.9%	< 0.5				80%	120%	
Ta	1	3147293	< 10	< 10	0.0%	< 10				80%	120%	

Quality Assurance

CLIENT NAME: HIGHBANK RESOURCES
 PROJECT NO: 41882-00

AGAT WORK ORDER: 12V577984
 ATTENTION TO: GARY MUSIL

Solid Analysis (Continued)												
RPT Date: Mar 05, 2012		REPLICATE					Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
									Lower	Upper		
Te	1	3147293	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3147293	< 5	< 5	0.0%	< 5	1.6	1.4	116%	80%	120%	
Ti	1	3147293	0.16	0.15	6.5%	< 0.01				80%	120%	
Tl	1	3147293	11	10	9.5%	< 5				80%	120%	
U	1	3147293	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3147293	77.9	77.3	0.8%	< 0.5				80%	120%	
W	1	3147293	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3147293	5	5	0.0%	< 1				80%	120%	
Zn	1	3147293	28.5	30.9	8.1%	< 0.5				80%	120%	
Zr	1	3147293	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Ag	1	3147317	< 0.2	< 0.2	0.0%	< 0.2				80%	120%	
Al	1	3147317	1.34	1.40	4.4%	< 0.01				80%	120%	
As	1	3147317	11	11	0.0%	< 1				80%	120%	
B	1	3147317	< 5	< 5	0.0%	< 5				80%	120%	
Ba	1	3147317	154	163	5.7%	< 1				80%	120%	
Be	1	3147317	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Bi	1	3147317	< 1	< 1	0.0%	< 1				80%	120%	
Ca	1	3147317	1.80	1.92	6.5%	< 0.01				80%	120%	
Cd	1	3147317	< 0.5	< 0.5	0.0%	< 0.5				80%	120%	
Ce	1	3147317	14	14	0.0%	< 1				80%	120%	
Co	1	3147317	6.2	6.2	0.0%	< 0.5	6.2	5.0	123%	80%	120%	
Cr	1	3147317	50.6	47.3	6.7%	< 0.5				80%	120%	
Cu	1	3147317	36.5	36.0	1.4%	< 0.5	3752	3800	98%	80%	120%	
Fe	1	3147317	2.34	2.50	6.6%	< 0.01				80%	120%	
Ga	1	3147317	5	5	0.0%	< 5				80%	120%	
Hg	1	3147317	< 1	< 1	0.0%	< 1	1.5	1.3	113%	80%	120%	
In	1	3147317	4	< 1		< 1				80%	120%	
K	1	3147317	0.144	0.156	8.0%	< 0.01				80%	120%	
La	1	3147317	5	5	0.0%	< 1				80%	120%	
Li	1	3147317	10	10	0.0%	< 1				80%	120%	
Mg	1	3147317	0.67	0.71	5.8%	< 0.01				80%	120%	
Mn	1	3147317	323	334	3.3%	< 1				80%	120%	
Mo	1	3147317	1.84	2.02	9.3%	< 0.5				80%	120%	
Na	1	3147317	0.14	0.14	0.0%	< 0.01				80%	120%	
Ni	1	3147317	4.74	4.82	1.7%	< 0.5				80%	120%	
P	1	3147317	679	701	3.2%	< 10				80%	120%	
Pb	1	3147317	2.7	2.4	11.8%	< 0.5				80%	120%	
Rb	1	3147317	14	14	0.0%	< 10	11	13	88%	80%	120%	
S	1	3147317	0.0240	0.0255	6.1%	< 0.005				80%	120%	
Sb	1	3147317	5	4	22.2%	< 1				80%	120%	
Sc	1	3147317	2.9	2.9	0.0%	< 0.5				80%	120%	
Se	1	3147317	< 10	< 10	0.0%	< 10				80%	120%	
Sn	1	3147317	< 5	< 5	0.0%	< 5				80%	120%	
Sr	1	3147317	75.6	76.4	1.1%	< 0.5				80%	120%	

Quality Assurance

CLIENT NAME: HIGHBANK RESOURCES
 PROJECT NO: 41882-00

AGAT WORK ORDER: 12V577984
 ATTENTION TO: GARY MUSIL

Solid Analysis (Continued)											
RPT Date: Mar 05, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL			Acceptable Limits	
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Lower	Upper
Ta	1	3147317	< 10	< 10	0.0%	< 10				80%	120%
Te	1	3147317	< 10	< 10	0.0%	< 10				80%	120%
Th	1	3147317	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	3147317	0.12	0.12	0.0%	< 0.01				80%	120%
Tl	1	3147317	8	10	22.2%	< 5				80%	120%
U	1	3147317	< 5	< 5	0.0%	< 5				80%	120%
V	1	3147317	83.3	85.0	2.0%	< 0.5				80%	120%
W	1	3147317	< 1	< 1	0.0%	< 1				80%	120%
Y	1	3147317	5	5	0.0%	< 1				80%	120%
Zn	1	3147317	25.6	26.7	4.2%	< 0.5				80%	120%
Zr	1	3147317	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3147330	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	3147330	1.52	1.48	2.7%	< 0.01				80%	120%
As	1	3147330	12	14	15.4%	< 1				80%	120%
B	1	3147330	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	3147330	124	126	1.6%	< 1				80%	120%
Be	1	3147330	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	3147330	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	3147330	1.83	1.76	3.9%	< 0.01				80%	120%
Cd	1	3147330	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	3147330	16	17	6.1%	< 1				80%	120%
Co	1	3147330	5.83	6.29	7.6%	< 0.5	6.3	5.0	125%	80%	120%
Cr	1	3147330	41.3	52.0	22.9%	< 0.5				80%	120%
Cu	1	3147330	22.6	24.3	7.2%	< 0.5	3975	3800	104%	80%	120%
Fe	1	3147330	2.41	2.29	5.1%	< 0.01				80%	120%
Ga	1	3147330	5	5	0.0%	< 5				80%	120%
Hg	1	3147330	< 1	< 1	0.0%	< 1				80%	120%
In	1	3147330	< 1	1		< 1				80%	120%
K	1	3147330	0.143	0.151	5.4%	< 0.01				80%	120%
La	1	3147330	6	6	0.0%	< 1				80%	120%
Li	1	3147330	9	9	0.0%	< 1				80%	120%
Mg	1	3147330	0.66	0.67	1.5%	< 0.01				80%	120%
Mn	1	3147330	306	324	5.7%	< 1				80%	120%
Mo	1	3147330	1.6	1.6	0.0%	< 0.5				80%	120%
Na	1	3147330	0.092	0.097	5.3%	< 0.01				80%	120%
Ni	1	3147330	4.4	4.7	6.6%	< 0.5				80%	120%
P	1	3147330	650	681	4.7%	< 10				80%	120%
Pb	1	3147330	2.4	2.4	0.0%	< 0.5				80%	120%
Rb	1	3147330	15	16	6.5%	< 10	12	13	89%	80%	120%
S	1	3147330	0.022	0.022	0.0%	< 0.005				80%	120%
Sb	1	3147330	4	5	22.2%	< 1				80%	120%
Sc	1	3147330	2.73	2.99	9.1%	< 0.5				80%	120%
Se	1	3147330	< 10	< 10	0.0%	< 10				80%	120%

Quality Assurance

CLIENT NAME: Highbank Resources
 PROJECT NO: 41882-00

AGAT WORK ORDER: 12V577984
 ATTENTION TO: GARY MUSIL

Solid Analysis (Continued)												
RPT Date: Mar 05, 2012		REPLICATE					Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Result Value		Expect Value	Recovery	Acceptable Limits		
									Lower	Upper		
Sn	1	3147330	< 5	< 5	0.0%	< 5			80%	120%		
Sr	1	3147330	107	108	0.9%	< 0.5	322	390	83%	80%	120%	
Ta	1	3147330	< 10	< 10	0.0%	< 10				80%	120%	
Te	1	3147330	< 10	< 10	0.0%	< 10				80%	120%	
Th	1	3147330	< 5	< 5	0.0%	< 5				80%	120%	
Ti	1	3147330	0.117	0.112	4.4%	< 0.01				80%	120%	
Tl	1	3147330	9	9	0.0%	< 5				80%	120%	
U	1	3147330	< 5	< 5	0.0%	< 5				80%	120%	
V	1	3147330	79.9	83.0	3.8%	< 0.5				80%	120%	
W	1	3147330	< 1	< 1	0.0%	< 1				80%	120%	
Y	1	3147330	5	5	0.0%	< 1				80%	120%	
Zn	1	3147330	22.7	23.9	5.2%	< 0.5				80%	120%	
Zr	1	3147330	< 5	< 5	0.0%	< 5				80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Cu	1					< 0.5	4103	3800	107%	80%	120%	
Hg	1					< 1	1.6	1.3	125%	80%	120%	
Rb	1					< 10	13	13	99%	80%	120%	
Sr	1					< 0.5	323	390	83%	80%	120%	
Th	1					< 5	1	1.4	71%	80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Cu	1					< 0.5	3916	3800	103%	80%	120%	
Hg	1					< 1	1.4	1.3	108%	80%	120%	
Rb	1					< 10	10	13	75%	80%	120%	
Se	1					< 10	0.7	0.8	88%	80%	120%	
Th	1					< 5	1.8	1.4	128%	80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Co	1					< 0.5	6.1	5.0	122%	80%	120%	
Cu	1					< 0.5	3829	3800	100%	80%	120%	
Hg	1					< 1	1.5	1.3	116%	80%	120%	
Rb	1					< 10	11	13	85%	80%	120%	
Sr	1					< 0.5	310	390	80%	80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Co	1					< 0.5	6.2	5.0	123%	80%	120%	
Cu	1					< 0.5	3812	3800	100%	80%	120%	
Hg	1					< 1	1	1.3	73%	80%	120%	
Mo	1					< 0.5	355	380	93%	80%	120%	
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)												
Co	1					< 0.5	6.4	5.0	128%	80%	120%	
Cu	1					< 0.5	4064	3800	106%	80%	120%	
Rb	1					< 10	11	13	88%	80%	120%	
Sr	1					< 0.5	321	390	82%	80%	120%	

Quality Assurance

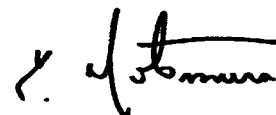
CLIENT NAME: HIGHBANK RESOURCES
 PROJECT NO: 41882-00

AGAT WORK ORDER: 12V577984
 ATTENTION TO: GARY MUSIL

Solid Analysis (Continued)

RPT Date: Mar 05, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
									Lower	Upper

Certified By: _____



Method Summary

CLIENT NAME: Highbank Resources

AGAT WORK ORDER: 12V577984

PROJECT NO: 41882-00

ATTENTION TO: GARY MUSIL

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES