

**REPORT ON THE 2011
DRILL Preparation with
Prospecting- Geochem Sampling /
Mapping ACTIVITIES FOR Mackenzie PROJECT
SOUTHERN BRITISH COLUMBIA
LILLOOET and Kamloops Mining District
UTM Zone 10 Latitude 5,627,000
Longitude 472,000
NTS 092J- PEMBERTON**

Owner and Operator:

Miocene Metals Limited

**310-1281 West Georgia St.,
Vancouver, BC
V6E 3J7**

Prepared by:

**Jose Sayo Garcia
Vice President for Exploration
Miocene Metals Limited
08 August 2012**

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Geochemical Analysis Invoice from SGS
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1 SUMMARY

This report discusses the results of exploration activities pursued in 2011 by Miocene Metals Limited in its Mackenzie - Camp tenement Properties.

Work accomplishments for 2011 consist of the following.

Work Done	Period Work Conducted
1. Installation and commissioning of a drill pad and initial drilling activities.	August 01 – October 21, 2012
2. Prospecting, Geologic mapping and Sampling (generating 6 grab sample- extending the mineralization by 120 meters to the south)	August 01 – October 21, 2012

Two styles of mineralization were distinctly identified in Mackenzie Area as follows:

1. Mineralization is hosted by multiple, parallel NNW-trending strike-persistent, shallowly dipping (~35°E) brittle structures that cross-cut foliated biotite-hornblende-quartz-diorite of the Late-Cretaceous Hurley River pluton
2. Item is possibly linked to a potential porphyry copper source due to:
 - a. copper-gold-molybdenum-rhenium geochemical fingerprint of the mineralization
 - b. occurrence of weakly mineralized, fine-grained granodiorite dykes that are intimately associated with mineralization
 - c. patchy and vein-related potassic (potassium feldspar) alteration

Recommended follow up exploration program is as follows.

1. Drilling of two holes for a total of up to 500-600 metres of core to test for copper-gold mineralization down-dip of surface exposures;
2. Channel sampling of all surface exposures to determine the grade distribution and zonation patterns along all mineralized structures;
3. Detailed and property scale mapping and prospecting to enlarge the mineralized footprint and related alteration footprint;
4. Property-scale stream-sediment sampling program to complement property scale mapping and prospecting.

The cost of the two activities with details provided in Appendix D & E of this report is \$ 104,683.62.

2 INTRODUCTION ¹

The Mackenzie property, with 13 claims covering 4,282.81 ha (Figure 2) is contiguous with the north-eastern boundary of Miocene's Salal property. Forest service access roads cross the northern and southern claim boundaries and link the property with Gold Bridge, which is located about 40 kilometers to the east. The property is located about 100 kilometers west of Lillooet the nearest population centre, railway lines, source of high tension power and major roads. In addition, there are three power dams within 35 kilometers of the property.

Copper-gold mineralization was found on the property by prospecting in 2003. There is no assessment record or indication on the surface that the mineralization has ever been explored by a mineral exploration company.

Mineralization is hosted by multiple, parallel NNW-trending strike-persistent, shallowly dipping (~35°E) brittle structures that cross-cut foliated biotite-hornblende-quartz-diorite of the Late-Cretaceous Hurley River pluton. The principal structure is exposed in a continuous zone for a distance of greater than 1.0 kilometre on a steeply inclined rock face at the head of a glacial cirque. These mineralized structures are cut by ENE trending, steeply dipping mineralized fractures in several locations. At these structural intersections, mineralization widens to several metres (up to 6 metre vertical exposures) in width suggesting that mineralized "shoots" may have formed, which plunge into the hillside (Figure 3). Other sub-parallel NNW-trending structures also are present but access to higher elevations on the face to sample these structures is hampered by its steepness and cover by residual snow. Work to-date has discovered copper-gold mineralization over an area of about 700 x 1,200 metres.

¹ Text in this section is extracted from previous ARIS report authored by Bruce Jago Ph. D. President of Miocene Metals Limited.

3 LOCATION AND ACCESS

The Property is located about 150 kilometers due north of Vancouver, 65 kilometers northwest of Pemberton and 100 kilometers west of Lillooet in the Coast Mountains of southwest British Columbia. The Property is located in NTS 92J/14 and NTS 92J/11, latitude 50°48'N, longitude 123°23'W.

Access is by helicopter from Pemberton or Lillooet. Road access for helicopter staging is available on the northern margin of the Property via the Bridge River/Carpenter Lake road to Gold Bridge, then south on the Hurley River Forest Service Road, west on the Bridge River Forest Service Roads on the south side of Downton Lake, and up the upper Bridge River valley.

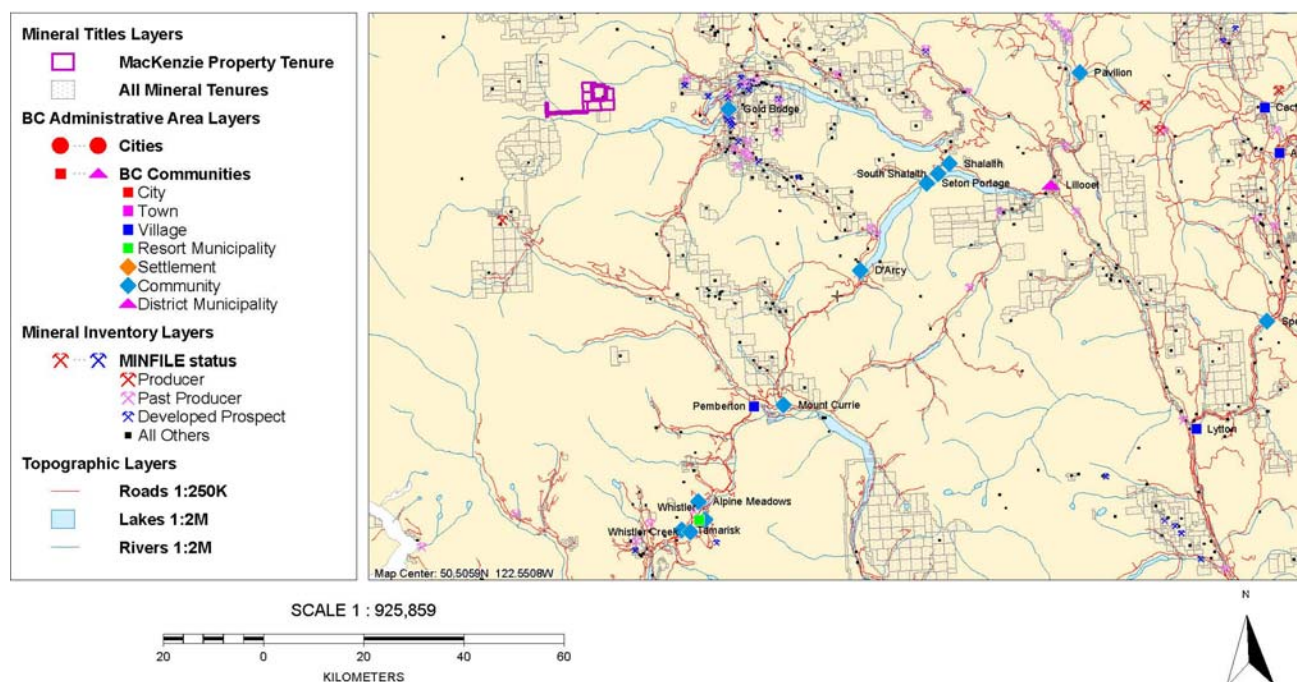


Figure 1: Property location - Map illustrating MacKenzie project mineral tenure in relation to adjacent mineral tenures, MinFile occurrences, communities, local and regional waterways and significant transportation routes

On the south side of the property, forestry roads extend part of the way up Salal Creek from the Upper Lillooet Forest Service Road, which connects to B.C. Highway 99 via Pemberton and Pemberton Meadows.

Climate is typical of the high southern Coast Mountains, with hot, dry summers and cold winters with substantial snow fall. The Exploration season extends from May through October.

Accommodations, supplies and services are available in Gold Bridge (population 41), Pemberton (population 2200), and Lillooet (population 2300), and at the Tyax Resort on Tyaughton Lake Road north of Gold Bridge.

The Property straddles the divide between the upper Bridge and Lillooet Rivers, a mountainous, glacier

strewn area capped by Ochre (Red) Mountain (2541 meters). Elevations range from 1120 meters in the Bridge River Valley on the northern edge of the Property with peaks up to 2541 meters. The property covers a number of steep creek valleys, wooded slopes, steep cliffs, and rolling alpine. The tree line is at about 1800-2000 meters elevation. Alpine terrain has little vegetation and large areas covered by moraine and outwash from retreating glaciers.

*NOTE: Mackenzie – Camp Tenement Claims as of Aug-October 2011
 Tenement List shown in Table 1 – The pink area is the location of 2011 Work Activities*

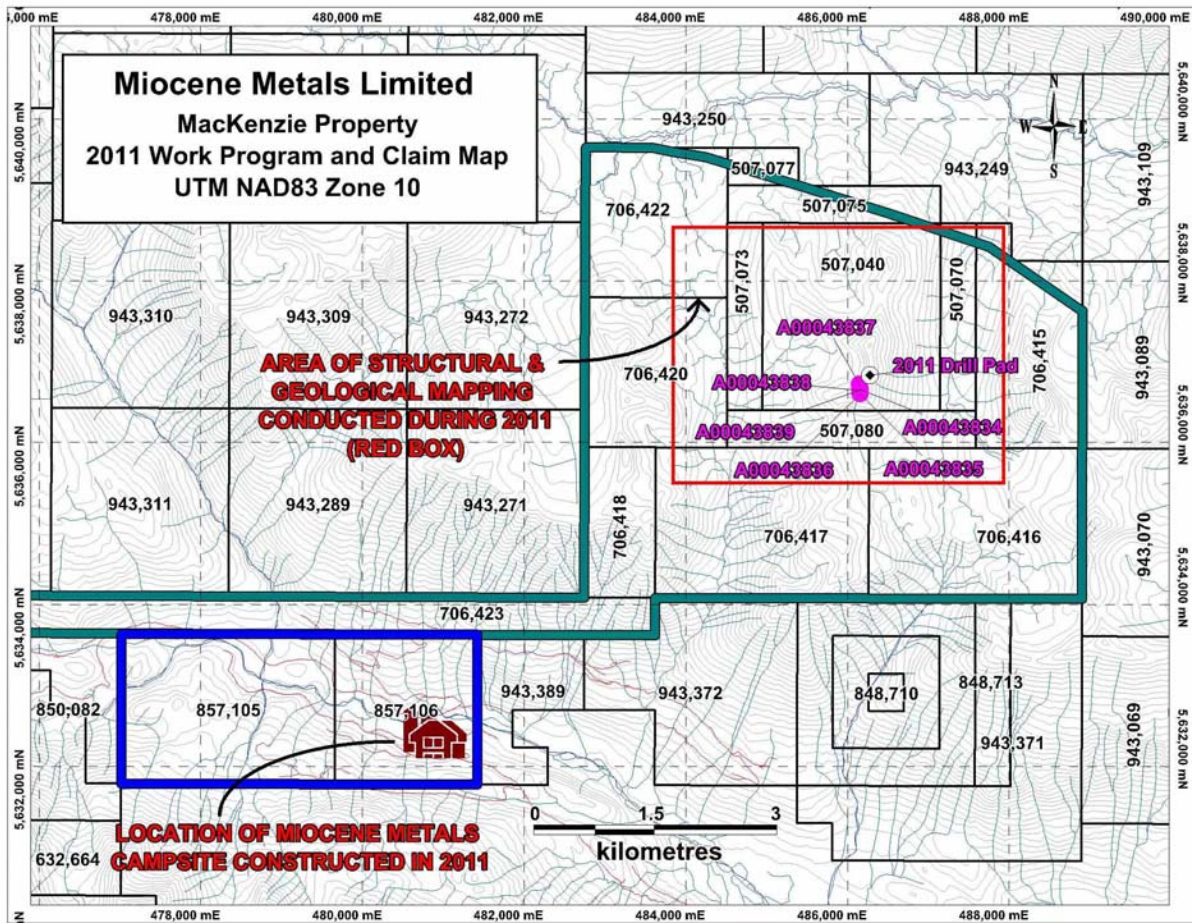


Figure 2: Property location details.

² Text in this section is extracted from previous ARIS report authored by Bruce Jago Ph. D. President of Miocene Metals Limited.

4 CLAIMS AND OWNERSHIP

The Mackenzie and Camp Tenement t comprises the claims listed below and shown in Figure 2 overleaf

**TABLE 1: Claims Comprising the Mackenzie and Camp Tenements
as of Aug – October 20111**

	tenure number	map area (NTS)	area (hectares)	holder
1	507040	092J	509.66	MML
2	507070	092J	101.93	MML
3	507073	092J	101.93	MML
4	857105	092J	489.73	MML
5	857106	092J	326.48	MML
6	507080	092J	142.74	MML
7	706415	092J	326.21	MML
8	706416	092J	489.51	MML
9	706417	092J	489.51	MML
10	706418	092J	163.17	MML
11	706420	092J	326.23	MML
12	706422	092J	326.11	MML
13	706423	092J	489.60	MML
		Totals	4,282.81	

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5 EXPLORATION HISTORY**

Copper and gold mineralization was discovered on the MacKenzie property in 2003 by prospector Kenneth MacKenzie and associates. During subsequent prospecting trips from 2004 through 2009, MacKenzie identified numerous copper and gold occurrences over a several square kilometre area, including assays from one-metre chip samples that returned up to 2.2% Cu and 0.3 g/t Au (MacKenzie 2006, 2007, 2008, 2009a, 2009b). MacKenzie also defined a 500 m to 800 m long two-line copper anomaly in soils).

No other records of previous exploration in this area have been found. Government mapping in this region is reconnaissance scale and there is no regional airborne Geophysical coverage.

Values obtained from chip and grab samples collected along this structure, including historic samples are tabulated in the accompanying table and their locations together with samples collected by the property vendor

Rock Sampling from Slim Creek

Sample	Au_ppm	Ag_ppm	Cu_%	Mo_%	Ba_ppm	Type	Description
SC01	0.055	2.9	4.5700	0.0075	50	Grab	Aggregate from 0.2-2m, km-long structure w/ CP and Malachite.
SC02	0.297	27.5	2.1600	0.0396	20	Chip	1m chip sample, gossanous structure, malachite, quartz breccia
SC03	0.080	3.6	6.0400	0.0007	40	Grab	Randon grabs around vein in SC2, vein at 350/30
SC04	0.126	6.3	13.1000	0.0027	30	Grab	Selected sample of gossanous material over 30cm area, malachite
SC05	0.244	10.4	1.8300	0.0035	60	Chip	0.4m chip samples from discovery site (SC1), structures at 330/30
SC06	0.005	0.5	0.0784	0.0001	50	Chip	0.5m chip sample from pale siliceous dyke @180/90, malachite, limonite
SC07	0.118	4.8	0.2500	0.0141	40	Chip	3m chip sample across pink alteration structure trending 130, malachite, quartz veining
SC08	0.046	5.6	1.3500	0.0005	140	Chip	1m chip sample, gossanous structure, quartz veining, malachite in halo
SC09	0.005	1.5	0.5670	0.0021	10	Chip	0.5m chip sample across qtz fracture @ 042/15 rusty wallrock & Malachite
SC10	0.005	0.2	0.0111	0.0001	10	Chip	2.5m chip sample across another pale siliceous dyke
SC11	0.005	2.3	1.2200	0.0014	60	Float	float, malachite on fractures and diss CP, many similar boulders
SC12	0.013	0.2	0.0178	0.0004	430	Chip	1m chip sample of altered granitoid w/ pyrite beside porphyry dyke
SC13	0.006	0.2	0.0124	0.0001	290	Chip	1m chip sample of porphyry dyke
SC14	0.000	0.5	0.0411	0.0003	287	Chip	1m chip sample wallrock near mineralised area
SC15	0.000	0.5	0.0622	0.0002	514	Chip	1m chip sample from pink altered intrusive - potassic alteration
SC16	0.000	37	4.6958	0.0038	144	Grab	grab sample, black rock w/ malachite staining on all surfaces [chalcocite?]
SC16a	0.000	34.2	5.4610	0.0100	319	Grab	grab sample, black rock w/ malachite staining on all surfaces [chalcocite?]
SC19	0.060	4.2	0.4240	0.0014	80	Float	talus with diss and fracture controlled CP
SC20	0.260	16	0.9980	0.0025	130	Float	talus with disseminated CP
SC21	0.005	0.2	0.0063	0.0001	30	Grab	pegmatite dyke, minor malachite
SC22	0.005	0.3	0.0048	0.0001	110	Grab	pegmatite dyke, minor malachite
SC26	0.005	0.2	0.0088	0.0003	130	Grab	fe-stained, thinly bedded rock near black dyke
SC27						Float	float w/ 2.8 x 4 cm vug coating of native copper w/ malachite staining
SC28	0.005	0.2	0.0043	0.0001	750	Grab	thinly bedded silicified fe-stained rock
SC29	0.368	13.8	0.8010	0.0001	30	Float	talus, intrusive, quartz vein w/ bornite
SC30	0.107	6.4	1.3100	0.0006	60	Float	talus, intrusive w/ diss. CP
SC31	0.091	12.8	2.0900	0.0019	40	Float	talus, breccia w/ quartz fragments in hematite and CP matrix
SC32	0.016	2.2	0.6860	0.0026	30	Grab	o/c source of SC29,30,31. 16" chip sample cross structure at 000/30 w/ quartz, malachite, Fe stain
SC33	0.007	3.9	1.1400	0.0013	100	Float	large angular bouldrs, intrusive rock w/ diss. CP and FF CP
SC34	0.041	2.6	0.6660	0.0006	230	Float	float, white dyke stained with malachite dark copper mineral [chalcocite?]
SC46	0.005	0.2	0.0047	0.0004	40	Float	porphyry dike rock, iron stained,, fin grained pyrite.
SC47	0.005	0.2	0.0045	0.0001	150	Grab	quartz diorite
SC48	0.005	0.2	0.0016	0.0001	60	Grab	quartz diorite, fe stained
SC49	0.005	0.2	0.0028	0.0001	1530	Grab	finely laminated breccia from fracture
SC61	0.005	0.9	0.3260	0.0013	190	Float	sample taken from a large angular piece of rock float found close to SC23 and SC33. fine grained mafic rich intrusive w/ diss CP

² Text in this section is extracted from previous NI 43-101 Report by Barry McDonough, B. Sc. P. Geo of Scott Wilson Roscoe Postle Associate Inc, Dated December 31, 2010

6 GEOLOGICAL AND ECONOMIC ASSESMENT

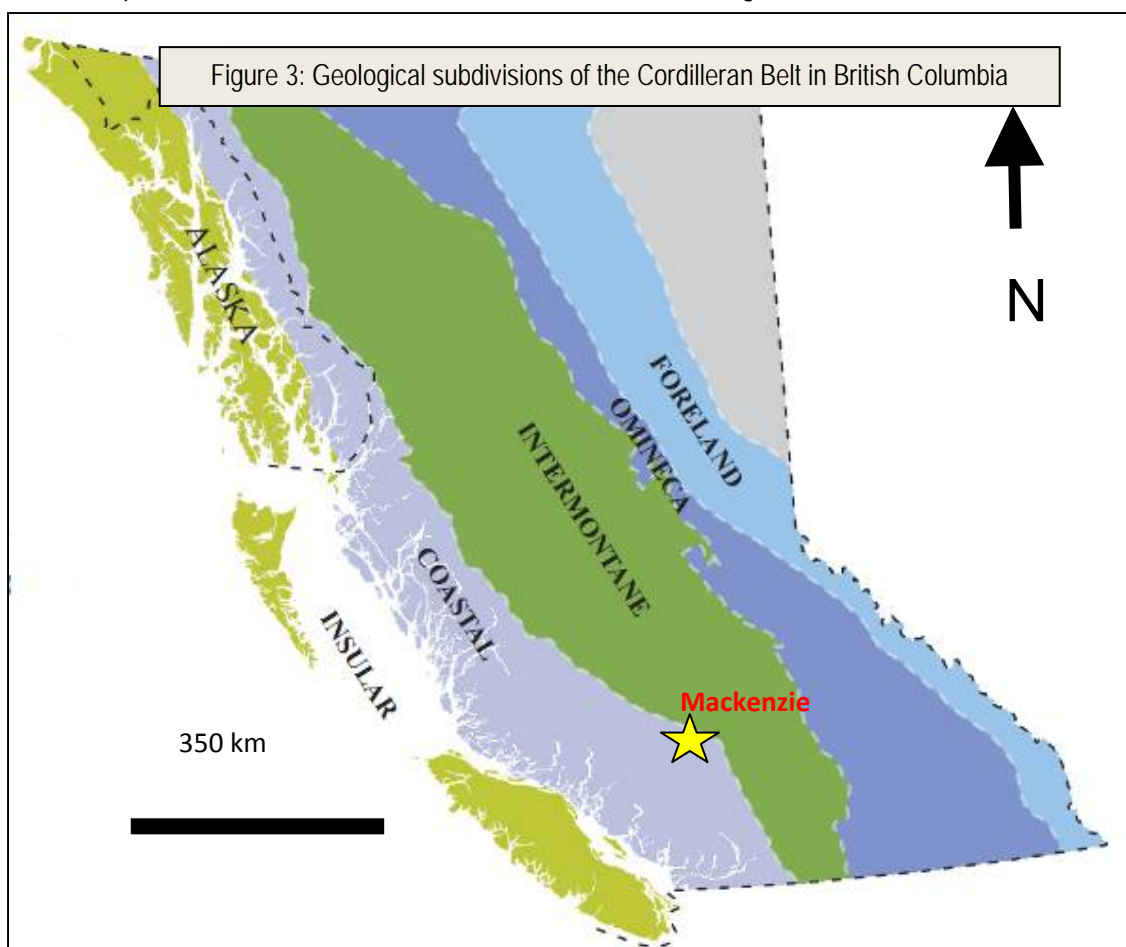
Regional Geological Setting

The property is located within the Coast morpho-geological belt of British Columbia (Figure) and is underlain by the 8 Ma Miocene age pluton of the Cascade magmatic arc.

Several publications review the geology and tectonic development of the northwest Cordillera (Nelson and Colpron, 2007; Nockleberg et al. 2005) and southwest British Columbia (Monger and Journeay, 1994). The following refers to these publications and the references therein.

The Canadian Cordillera is comprised of five morpho-geological belts that record Mesozoic accretion of the allochthonous Insular and Intermontane Superterrane to North America. The Coast Belt records widespread, dominantly Mesozoic and early Cenozoic continental arc magmatism that developed along the suture between the Insular and Intermontane superterrane during and following accretion.

In southwest British Columbia, mid to early southwest vergent thrust faults are cut by later northeast vergent thrust faults. These structures record Jurassic to mid-Cretaceous accretion of the Insular and Intermontane Superterrane to North America which was accompanied by metamorphism, plutonism (the Coast Belt), and major crustal thickening and uplift. Thrust faults are cut by crustal-scale orogen-parallel dextral strike-slip faults, such as the Harrison, Entiat and Fraser-Straight Creek Faults, in the Late-

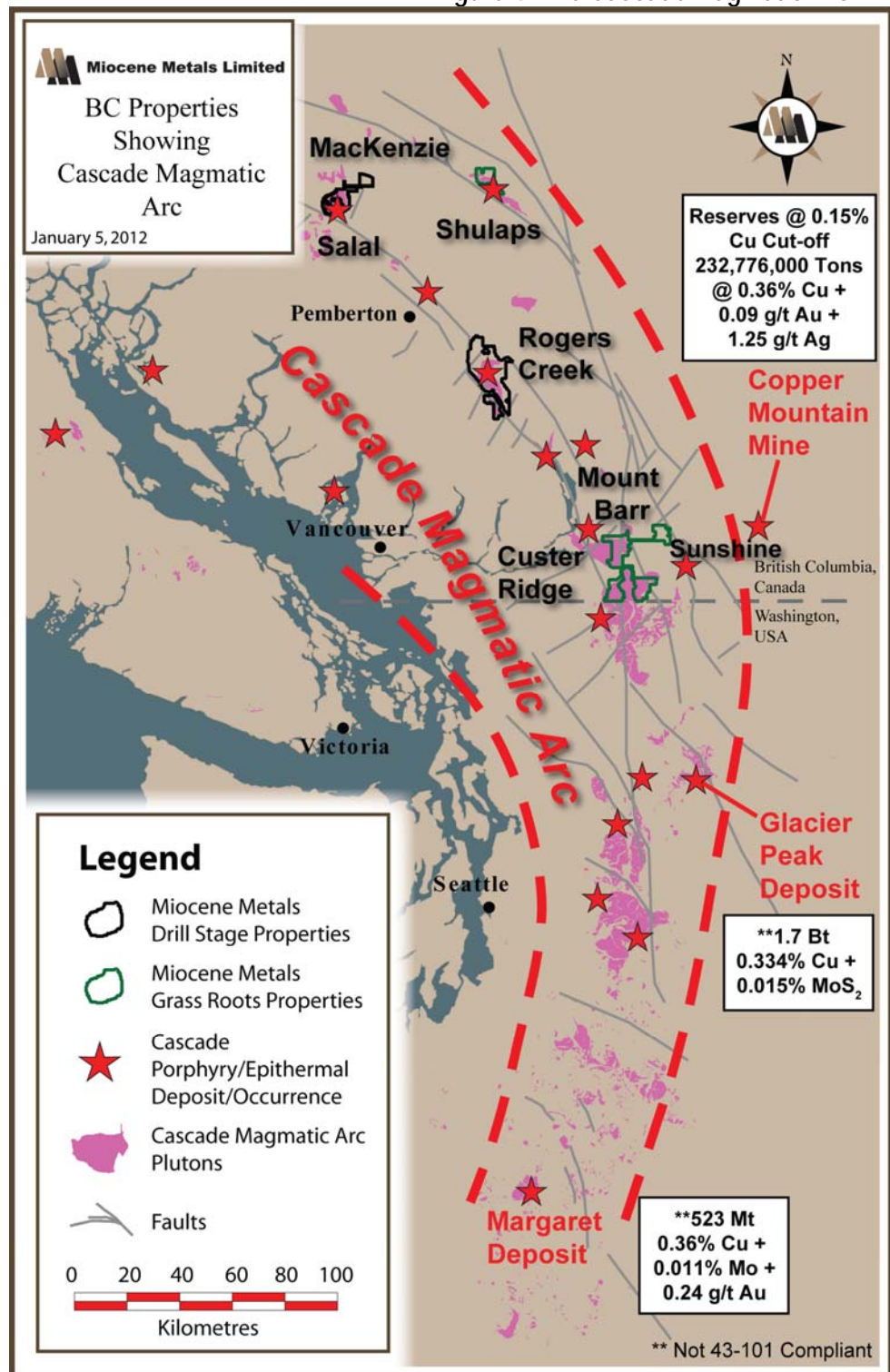


Cretaceous to Eocene. These record a shift to oblique plate convergence and intracontinental dextral transpression at the end of the Cretaceous. Tertiary tectonics were dominated by oblique northeast subduction of the Farallon plate beneath North America and its break-up into today's Explorer, Juan de Fuca, Gordo, Rivera, and Cocos plates.

Figure 4: The Cascade Magmatic Arc.

Post-accretionary plutonism in southwest British Columbia can be divided into:

1. Extensive Late Cretaceous through Middle Eocene plutonism related to subduction of the Farallon plate beneath North America. Plutons were emplaced along active crustal-scale strike-slip structures along the length of the northwest Cordillera, dominantly along the eastern margin of the coast belt overprinting the Intermontane Superterrane. Examples include the Mission Ridge Plutonic suite which underlies Wallbridge's Shulaps and Sunshine Properties.



2. Late Eocene through Pliocene (and Present) plutonism of the Cascade magmatic arc which is related to subduction of broken remnants of the Farallon plate, including the Juan de Fuca plate, beneath North America. Cascade plutons were emplaced along the older crustal scale Eocene structures and in particular the intersection of these with much younger arrays of steep northeast trending cross-structures. The Cascade magmatic arc extends from southeast Alaska through Northern California. However, it is best understood in terms of its exposure in the Cascade Mountains of Washington where it intrudes volcanic and sedimentary rocks and is easier to identify than where it intrudes similar older crystalline rocks in the Coast Mountains of British Columbia. Examples include intrusions underlying Wallbridge's Salal, Rogers Creek, Mount Barr and Custer Ridge Properties.

PROPERTY GEOLOGY

The property is located within the Coast morpho-geological belt of southwest British Columbia (Error! Reference source not found.).

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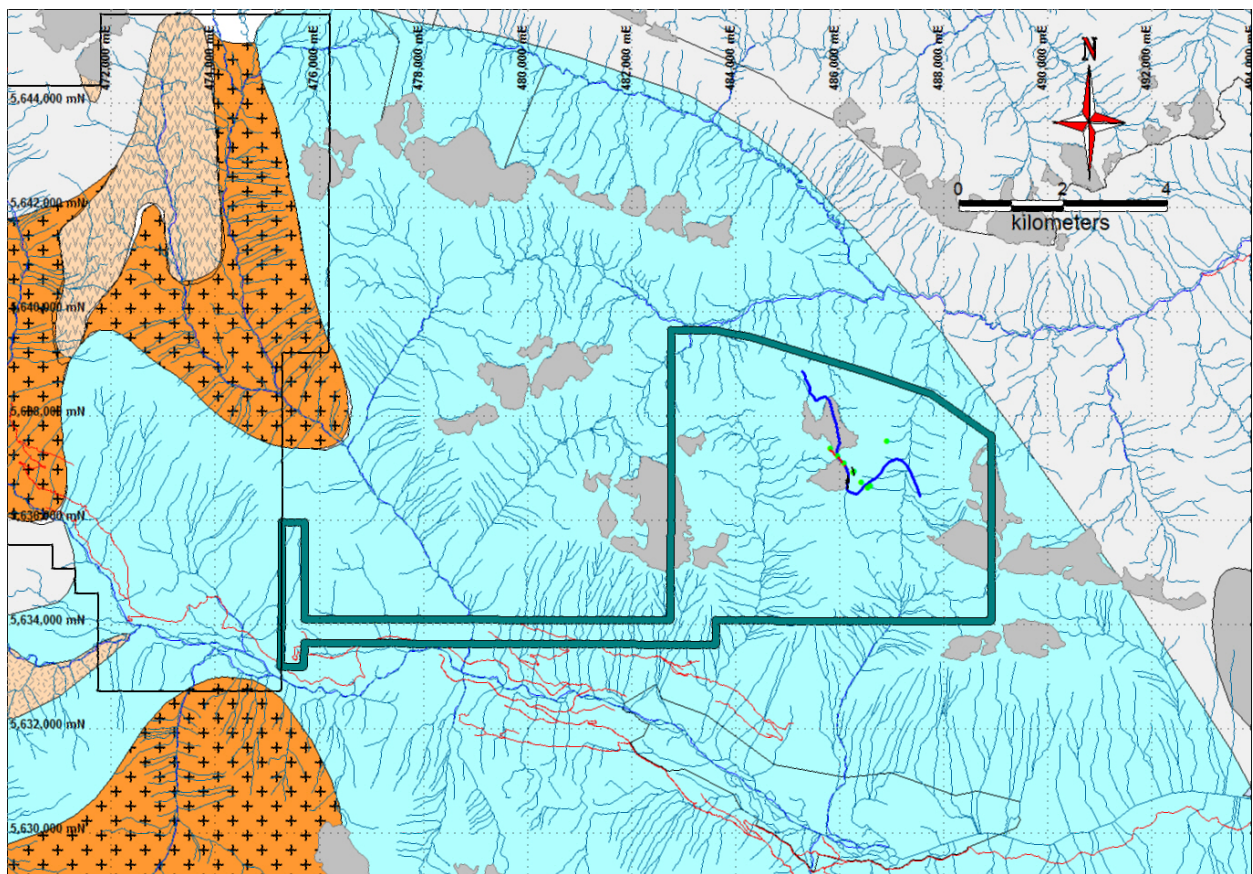


Figure 5: Local geology within the Property.

The Canadian Cordillera is comprised of five morpho-geological belts that record Mesozoic accretion of the allochthonous Insular and Intermontane Superterranes to North America. The Coast Belt records widespread, dominantly Mesozoic and early Cenozoic continental arc magmatism that developed along the suture between the Insular and Intermontane superterranes during and following accretion.

The property is underlain by biotite-hornblende-quartz-diorite of the 650 square kilometre-sized Hurley River pluton assigned by Murray and Journey to the Late-Cretaceous Scuzzy plutonic suite of the Coast Batholith. The area is mapped at a scale of 1:100,000 and none of the smaller dykes or intrusions described by prospector Mackenzie are detailed on the government maps. There does appear to be any radiometric age determinations in the area. Given its location immediately northeast of and line with the Miocene age Meager Mountain and Salal plutons, it is quite permission that, in detail, the host rocks may be Cascade in age.

DEPOSIT TYPES

The Mackenzie property is being explored for porphyry style copper and gold mineralisation similar to Taseko Mine's Prosperity deposit just north of the property. The Prosperity includes Measured plus Indicated resources of 1 billion tonnes averaging 0.24 % copper and 0.41 g/t gold; this includes Proven plus Probable reserves of 831 million tonnes averaging 0.23 % copper and 0.41 g/t gold (Jones, 2009).

Mineralization is hosted by multiple, parallel NNW-trending strike-persistent, shallowly dipping (~35°E) brittle structures that cross-cut foliated biotite-hornblende-quartz-diorite of the Late-Cretaceous Hurley River pluton. The principal structure is exposed in a continuous zone for a distance of greater than 1.0 kilometre on a steeply inclined rock face at the head of a glacial cirque. These mineralized structures are cut by ENE trending, steeply dipping mineralized fractures in several locations. At these structural intersections, mineralization widens to several metres (up to 6 metre vertical exposures) in width suggesting that mineralized "shoots" may have formed, which plunge into the hillside (Figure 3). Other sub-parallel NNW-trending structures also are present but access to higher elevations on the face to sample these structures is hampered by its steepness and cover by residual snow. Work to-date has discovered copper-gold mineralization over an area of about 700 x 1,200 metres.

The origin of the mineralization is not clear at this time, but linkage with a porphyry-style system is strongly supported by the copper-gold-molybdenum-rhenium geochemical fingerprint of the mineralization and the occurrence of weakly mineralized, fine-grained granodiorite dykes that are intimately associated with mineralization and with patchy and vein-related potassic (potassium feldspar) alteration

7 Exploration Accomplishments 2011

Work accomplishments for 2011 consist of the following.

Work Done	Period Work Conducted
1. Installation and commissioning of a drill pad and initial drilling activities.	August 01 – October 21, 2012
2. Prospecting, Geologic mapping and Sampling (generating 6 grab sample- extending the mineralization by 120 meters to the south)	August 01 – October 21, 2012

I. DRILLING:

A two-hole drilling program was initiated with the drill pad built as soon as drilling in the neighboring Salal Moly-Rhenium project was completed. Despite all the gallant efforts exerted by Miocene technical crew, field staff and management, the intermittent inclement weather did not provide adequate time window period to initiate a full pledge drill hole.

Severe disconnect between the contract drilling management and the resident drill crew resulted in four cycle of crew-change within an eight week period .Apparently, the drill contractor do not have a permanent crew of reliable resident drillers.

With winter pushing in the middle of October, Miocene was chased out of the Mackenzie Project by inclement weather and high winds. Miocene thus, was not able to further pursue its drilling program and forced to re-schedule the same on the succeeding year.

The ten (10) photos on the following pages – PHOTO A to PHOTO B, shows the working conditions and the ordeals that both Miocene and drilling contractors crew has to contend with.

PHOTO A: DRILL PAD AREA –
about 1 inch of Snow –
Note un-buried hose line



**PHOTO B: DRILL
PAD AREA –**
Half inch of snow



**PHOTO C: First Pump
Several inches of Snow**



**PHOTO D: Second Pump
Several inches of Snow**



PHOTO E: Pump 1: Housing with Insulation

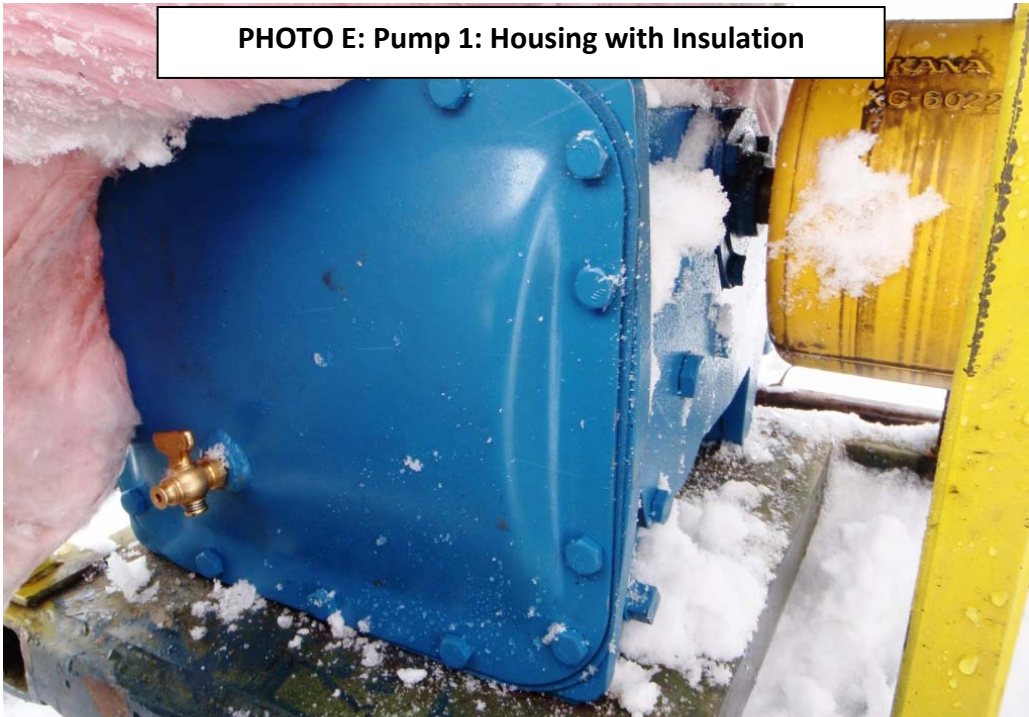
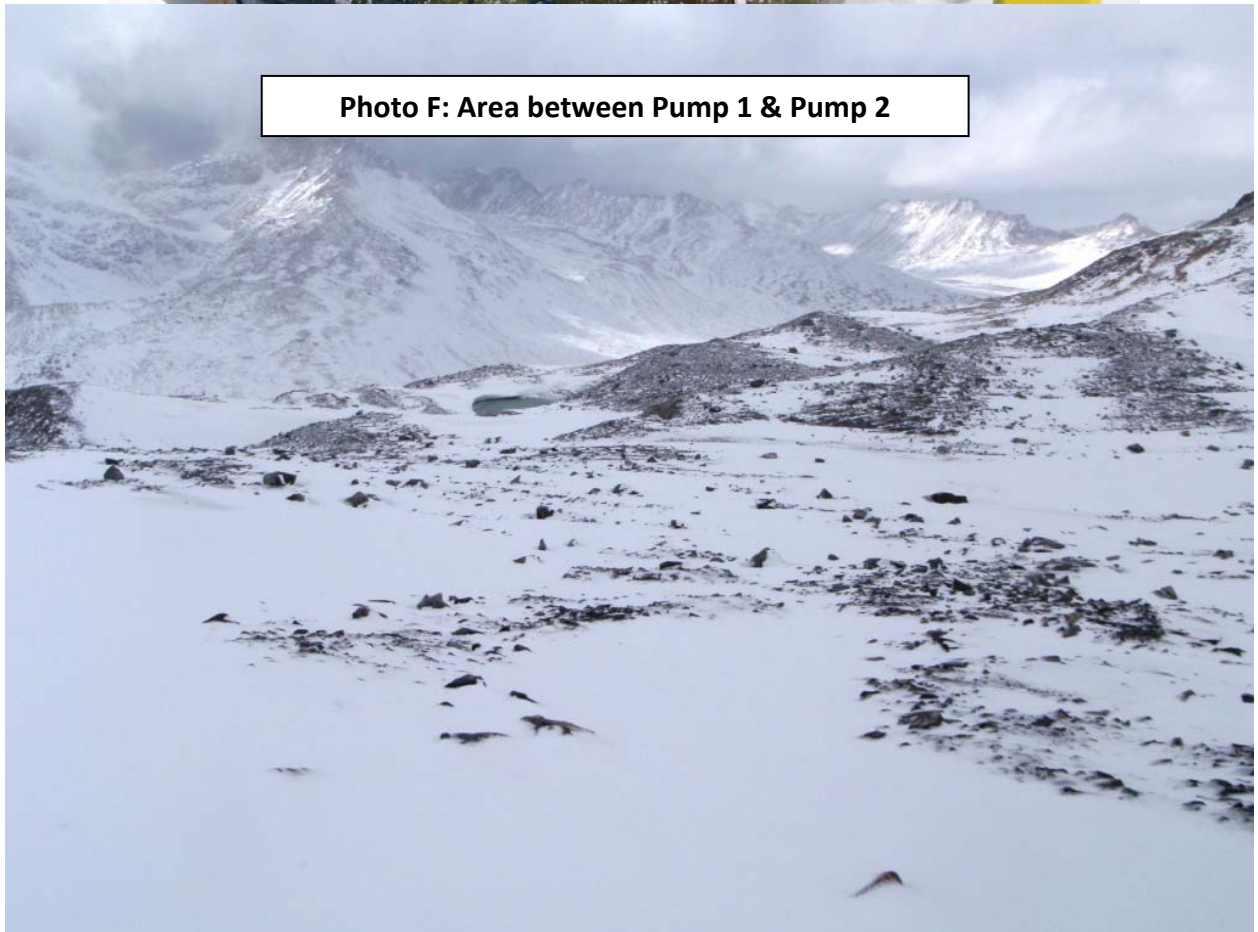


Photo F: Area between Pump 1 & Pump 2



**Photo G: Lake at Pump 1
Lake has Wind- blown Snow
Forming Slush and ICE**



**Photo H: Mountain Side and Drill
4-6 inches of Snow**



**Photo I: Man Track up the side of the Glacier
8 inches to maximum of 1 foot of Snow**



**Photo J: Bum Skiing back down
Glacier Slope**

II. Rock Sampling

One positive note during the campaign is the successful delineation of the surface trace of the structurally controlled 320-330 AZ trending, 40 degree East dipping, strike persistent mineralized structures which occurs in stack. AT least three sub-parallel structures (shown on figure 6 – below) had been identified.

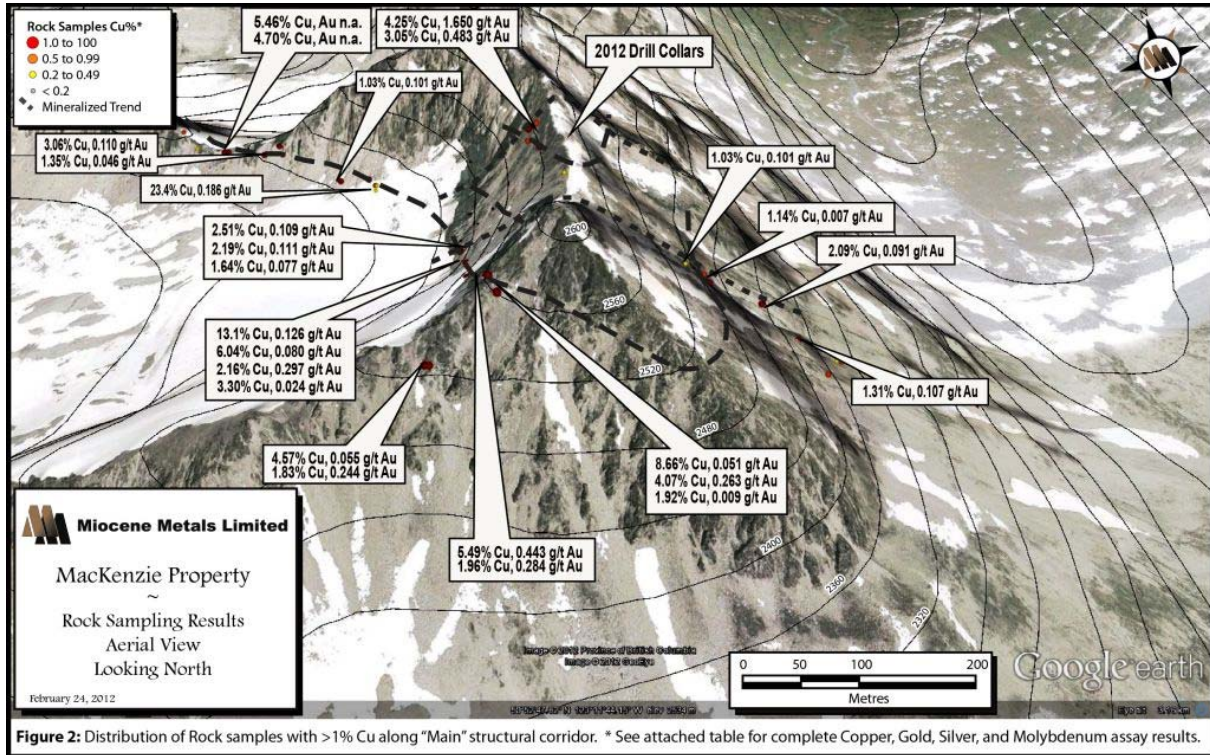


Figure 6: Historical and 2011 Sampling at Mackenzie property: TILLWORTH Ridge looking North
Note the projection of the strike persistent mineralized structures that occurs in stack

Occurrences with fracture coatings of malachite and disseminations of chalcopyrite appear to be controlled by numerous shallowly dipping structures within a several kilometre sized area. Bornite was identified in one location. A 2.8 x 4 cm vuggy coating of native copper with malachite surface staining was found in talus in another location. Some of the mineralisation is associated with elevated barium and potassium. Many of the better grade samples were described as black/fe-stained rock with surface coatings of malachite peripheral to quartz veins, breccia zones, and disseminated and fracture coatings of chalcopyrite. A dark mineral is described associated with higher grade copper, this may represent chalcocite. One 0.2-2 meter wide structure was traced for over a kilometer. Abundant epidote that was found bordering the area of mineralization to the north and the south was interpreted as ~3km diameter alteration halo. A barren pyrite gossan associated with late porphyry dykes and their contact alteration zones was identified several kilometres to the east of the mineralised area, east of Cabin Creek

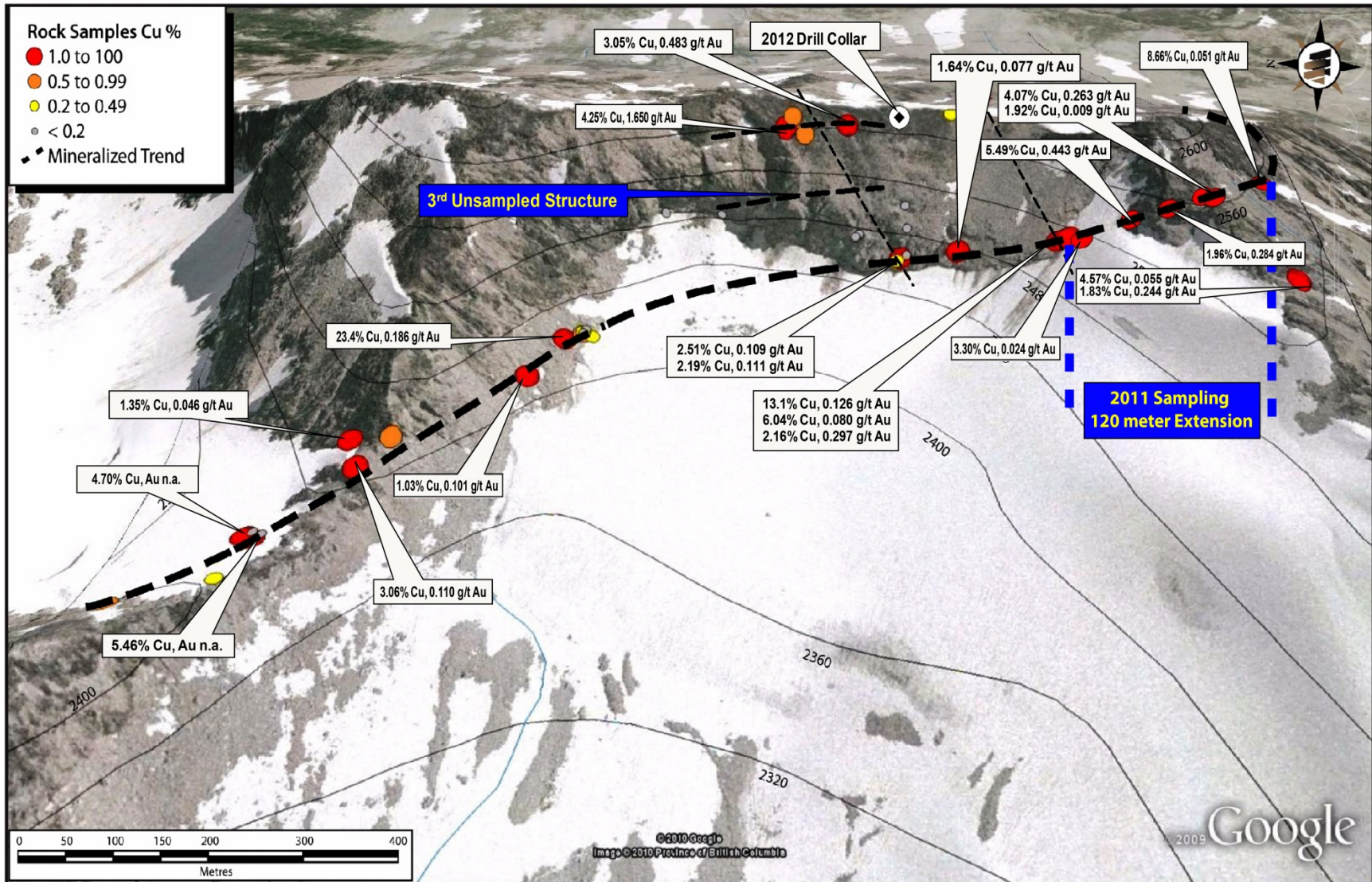
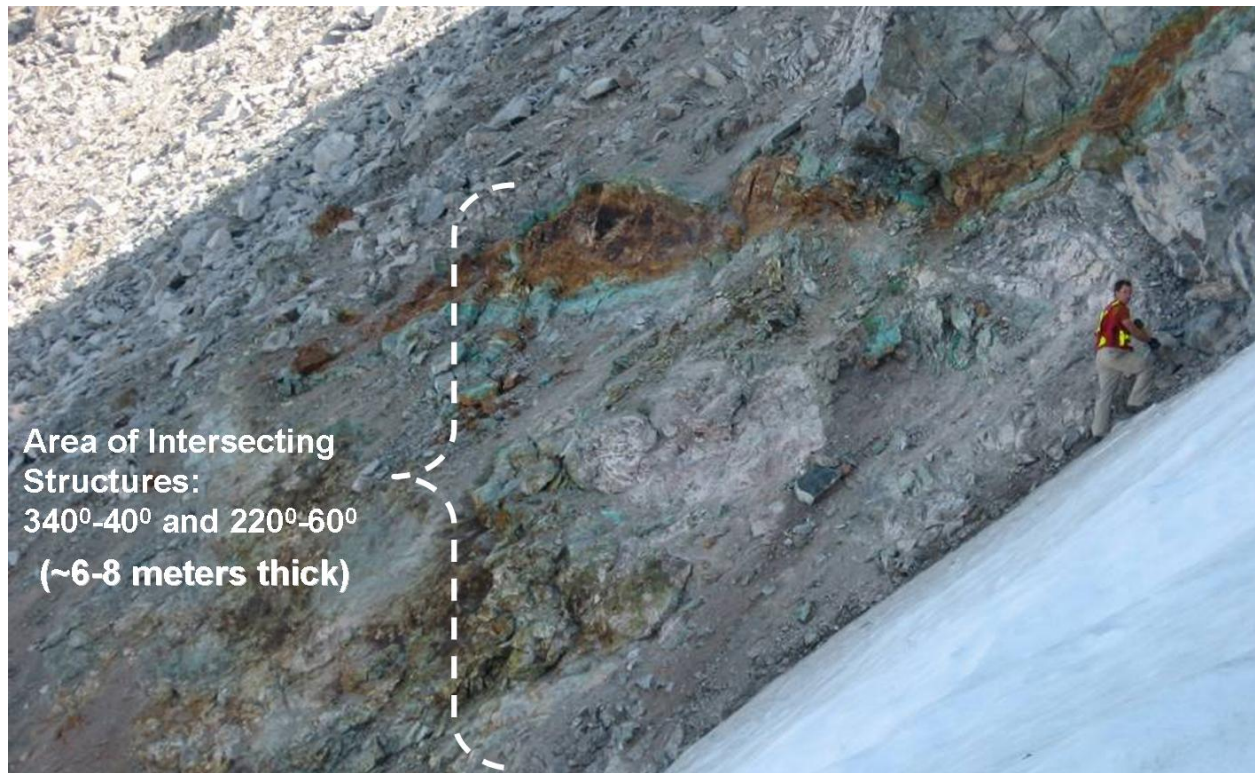


Figure 7: Historical and 2011 Sampling at Mackenzie property: TILLWORTH Ridge looking WEST
 Historical and 2011 Sampling at Mackenzie property, Note the projection of the strike persistent mineralized structures that occurs in stack



Figure 8: A more in-depth Panoramic view of **TILLWORTH Ridge** looking **WEST**, highlighting the snow level and the trace of the lower structurally controlled mineralization

Figure 9: Area of intersecting Structures (Blow-out Zone) at TILLWORTH Ridge- Cirque Area



8 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Two styles of mineralization were distinctly identified in Mackenzie Area as follows:

3. Mineralization is hosted by multiple, parallel NNW-trending strike-persistent, shallowly dipping (~35°E) brittle structures that cross-cut foliated biotite-hornblende-quartz-diorite of the Late-Cretaceous Hurley River pluton
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 - b. occurrence of weakly mineralized, fine-grained granodiorite dykes that are intimately associated with mineralization
 - c. patchy and vein-related potassic (potassium feldspar) alteration

Recommendations

Recommended follow up exploration program is as follows.

5. Drilling of two holes for a total of up to 500-600 metres of core to test for copper-gold mineralization down-dip of surface exposures;
6. Channel sampling of all surface exposures to determine the grade distribution and zonation patterns along all mineralized structures;
7. Detailed and property scale mapping and prospecting to enlarge the mineralized footprint and related alteration footprint;
8. Property-scale stream-sediment sampling program to complement property scale mapping and prospecting.

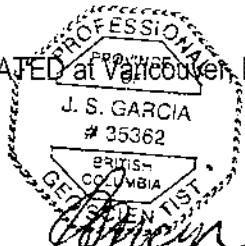
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APPENDIX A: STATEMENT OF QUALIFICATIONS OF JOSE SAYO GARCIA, P. GEO

I, Jose Sayo Garcia, of Unit 213-15380 102 A Avenue, City of Surrey, in the Province of British Columbia, DO HEREBY CERTIFY:

- 1) THAT I am the Vice President for Exploration of Miocene Metals Limited with office at Suite 310-1281 West Georgia St., Vancouver, BC V6E 3J7
- 2) THAT I am a graduate of the University of the Philippines with a Bachelor of Science Degree in Geology in 1978, and a registered Geologist in the Philippines with License number 0575 issued by the Philippine Professional Regulation Commission.
- 3) THAT I am a Registered Professional Geologist with registration #35362 in good standing with the Association of Professional Engineers and Geoscientists of British Columbia;
- 4) That I conducted the data compilation and review for the 2011 Drill Preparation and Geochemical Sampling and Mapping Activities of Miocene Metals Limited for its Mackenzie and Camp Tenement Project which is the subject of this assessment report.
- 5) THAT this report pertaining Miocene Metals Limited Mackenzie & Camp Tenement Project properties, excluding sections explicitly noted as extracted from other reports was written by myself.

DATED at Vancouver, British Columbia, this 8th of August, 2012



Jose Sayo Garcia

Vice President for Exploration
Miocene Metals Limited

B.

APPENDIX B: ROCK SAMPLES COORDINATES and NOTES

2011 Rock Chip Sampling at Mackenzie Area																																			
ALS_ID	Easting	Northing	Elevation_m	Datum	Sample_Type	Geologist	Date_Sampled	Rock_Type	Field_Desc	Au_ppm	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Cd_%	Co_ppm	Cu_ppm	Cr_ppm	Cs_ppm	Ca_ppm	Fe_%	Ga_ppm	Ge_ppm	Hf_ppm	In_ppm	K_%	La_ppm	Li_ppm	Mg_%	Mn_ppm	Mo_ppm		
A0004334	486153	5636654	2554	NAD83	Grab	SUB	20110830	DYKE	~25-35cm wide structure coated with malachite and azurite. Structure appears to possibly be the continuation of Bruce's picture site from 2010. It runs ~014/45? Or so. However, the structure is highly variable and convoluted/renululated with dips ranging gentle to moderately steep	0.443	9.22	9.53	2	486	0.8	120	2.79	0.86	24.7	21.5	59	2.5	54900	5.49	5.73	21.4	0	0.68	0.18	3.47	11.1	25	1.56	680	8.93
A0004335	486153	5636638	2571	NAD83	Grab	SUB	20110830	DYKE	~1-1.5m wide zone with up to 0.8m wide quartzofeldspathic core with malachite+Azurite+Cpy within it and in the surrounding host Coast Plutonic granodiorite up to 0.36m on either side. Structure is a continuation of previous sample location trending ~350	0.061	2.13	2.25	1	211	0.2	1.54	0.55	1.78	2.84	5.1	132	2.5	86600	8.66	1.69	4	0	0.06	0.07	0.54	1.3	4	0.19	121	9.32
A0004336	486153	5636600	2571	NAD83	Grab	SUB	20110830	GRDR	This sample is from the same location but it is from the host Coast Plutonic granodiorite on the hangingwall side of the structure. It is full of Azurite +/- Malachite with minor Cpy present.	0.009	0.85	8.81	1	464	0.6	1.65	2.68	2.07	23.4	16.5	80	2.5	19200	1.92	3.87	19.5	0	0.16	0.04	1.16	10.3	27	1.81	629	9.75
A0004337	486150	5636710	2515	NAD83	Grab	SUB	20110910	DYKE	Malachite in Fg sill from main showing where Bruce and Ron took photo	0.024	5.74	9.45	2	2010	0.9	0.53	1.2	0.9	8.82	7	39	2.5	33000	3.31	1.91	21.8	0	0.21	0.01	3.31	4.3	20	0.87	274	18.2
A0004338	486153	5636642	2562	NAD83	Grab	SUB	20110910	DYKE	Fg sill with malachite from south side of snow slope from last sample.	0.263	9.64	9.48	2	1000	0.7	41.5	2.53	0.9	23.7	21	50	2.5	40700	4.07	5.39	22.1	0	0.35	0.17	3.93	10.7	27	1.65	678	35.9
A0004339	486153	5636647	2558	NAD83	Grab	SUB	20110910	SHEAR	Slickensides in Fg shear sill upslope south of previous sample.	0.284	12.3	6.94	0.5	3120	0.6	6.87	0.97	1.51	12.1	9.4	67	2.5	19600	1.96	2.81	15.9	0	0.15	0.1	3.38	5.7	15	0.79	339	283

2011 Rock Chip Sampling at Mackenzie Area																																
ALS_ID	Easting	Northing	Elevation_m	Datum	Sample_Type	Geologist	Date_Sampled	Rock_Type	Field_Desc	Ni_%	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Pb_ppm	Re_ppm	S_%	Sr_ppm	Sc_ppm	Se_ppm	Sr_ppm	Sr_ppm	Ta_ppm	Ta_ppm	Ti_ppm	Ti_%	Ti_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm
A0004334	486153	5636654	2554	NAD83	Grab	SUB	20110830	DYKE	~25-35cm wide structure coated with malachite and azurite. Structure appears to possibly be the continuation of Bruce's picture site from 2010. It runs ~014/45? Or so. However, the structure is highly variable and convoluted/renululated with dips ranging gentle to moderately steep	1.27	2.1	17.5	1030	12.2	66	0	3.05	1.33	16.3	9	1.6	422	0.28	97.1	3.6	0.29	0.49	14.1	159	7	10.4	234
A0004335	486153	5636638	2571	NAD83	Grab	SUB	20110830	DYKE	~1-1.5m wide zone with up to 0.8m wide quartzofeldspathic core with malachite+Azurite+Cpy within it and in the surrounding host Coast Plutonic granodiorite up to 0.36m on either side. Structure is a continuation of previous sample location trending ~350	0.6	0.5	8.1	430	4	10.8	0	1.58	0.27	1.1	1	0.15	116	0.025	1.88	0.4	0.06	0.1	1.22	37	1.3	2.1	28
A0004336	486153	5636600	2571	NAD83	Grab	SUB	20110830	GRDR	This sample is from the same location but it is from the host Coast Plutonic granodiorite on the hangingwall side of the structure. It is full of Azurite +/- Malachite with minor Cpy present.	2.68	2.3	21	940	8.3	29.2	0	0.04	0.6	13.9	1	0.7	739	0.18	0.78	1.7	0.37	0.19	0.98	133	53.5	11.4	105
A0004337	486150	5636710	2515	NAD83	Grab	SUB	20110910	DYKE	Malachite in Fg sill from main showing where Bruce and Ron took photo	2.42	1.1	8.1	580	9.7	57.3	0	0.22	0.35	5.4	1	0.3	349	0.21	0.44	1.7	0.15	0.37	2.44	82	4.3	2.8	76
A0004338	486153	5636642	2562	NAD83	Grab	SUB	20110910	DYKE	Fg sill with malachite from south side of snow slope from last sample.	1.22	1.7	17.7	960	12.4	69.8	0	2.09	1.18	15.2	5	1	384	0.29	32.5	2.3	0.3	0.52	6.68	140	10.2	7.9	221
A0004339	486153	5636647	2558	NAD83	Grab	SUB	20110910	SHEAR	Slickensides in Fg shear sill upslope south of previous sample.	1.6	1.4	9.7	740	15.4	58.5	0	0.02	0.34	7.2	1	0.6	347	0.12	5.14	1.1	0.17	0.38	3.2	90	5.8	5.4	46

C.

APPENDIX C: ROCK SAMPLES ASSAY CERTIFICATES



Certificate of Analysis

Work Order: VC111830

To: JOSE SAYO GARCIA
MIOCENE METALS LTD
310- 1281 West Georgia Street
Vancouver B.C
BC V6E 3J7

Date: Dec 06, 2011

P.O. No. : PO: 577547
Project No. : -
No. Of Samples : 13
Date Submitted : Nov 29, 2011
Report Comprises : Pages 1 to 7
(Inclusive of Cover Sheet)

Distribution of unused material:

Store:

Certified By _____

SGS Minerals Services Geochemistry, Vancouver, BC is ISO 9001:2008 certified.

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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SGS Canada Inc. | Minerals Services 8282 Sherbrooke Street Vancouver BC V6A 4T4 t(604) 327-3436 f(604) 327-3427 www.ca.sgs.com

Member of the *Association Française de Surveillance*



Element	WtKg	Au	Al	Ba	Ca	Cr	Cu	Fe	K	Li
Method	WGH79	FAA313	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B
Det.Lim.	0.001	5	0.01	1	0.01	1	0.5	0.01	0.01	1
Units	kg	ppb	%	ppm	%	ppm	ppm	%	%	ppm
A00043834	1.635	443	9.53	486	2.79	59	>10000	5.73	3.47	25
A00043835	0.625	51	2.25	211	0.55	132	>10000	1.69	0.54	4
A00043836	1.390	9	8.81	464	2.68	80	>10000	3.87	1.16	27
A00043837	1.320	24	9.45	2010	1.20	39	>10000	1.91	3.31	20
A00043838	0.730	263	9.48	1000	2.53	50	>10000	5.39	3.93	27
A00043839	1.010	284	6.94	3120	0.97	67	>10000	2.81	3.38	15
A00043840	1.245	10	6.02	294	1.41	117	738	1.80	1.16	13
A00043841	1.115	28	6.38	328	0.90	133	2110	1.85	1.15	15
A00043842	0.625	19	7.22	686	1.38	105	391	2.00	2.12	17
A00043843	1.930	29	6.73	240	0.76	124	1590	2.01	1.25	13
A00043844	0.975	22	7.29	403	1.29	105	2600	1.84	1.33	14
A00043845	0.075	<5	5.31	526	1.73	30	34.4	2.51	0.90	13
A00043846	0.075	730	6.51	607	1.42	61	9110	4.56	3.12	14

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Element	Mg	Mn	Na	Ni	P	S	Sr	Ti	V	Zn
Method	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B
Det.Lim.	0.01	2	0.01	0.5	50	0.01	0.5	0.01	2	1
Units	%	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm
A00043834	1.56	680	1.27	17.5	1030	3.05	422	0.29	159	234
A00043835	0.19	121	0.80	8.1	430	1.58	116	0.06	37	28
A00043836	1.81	629	2.68	21.0	940	0.04	739	0.37	133	105
A00043837	0.87	274	2.42	8.1	580	0.22	349	0.15	82	76
A00043838	1.65	678	1.22	17.7	960	2.09	384	0.30	140	221
A00043839	0.79	339	1.60	9.7	740	0.02	347	0.17	90	46
A00043840	0.88	460	3.14	17.6	360	0.02	282	0.17	53	51
A00043841	0.82	432	3.47	14.3	380	0.03	307	0.17	55	57
A00043842	0.90	459	2.63	19.2	410	<0.01	378	0.19	57	51
A00043843	0.98	580	2.90	19.3	460	0.05	238	0.20	55	113
A00043844	1.13	707	2.83	21.1	460	0.05	257	0.19	63	118
A00043845	0.79	495	2.09	22.0	520	0.04	271	0.25	84	43
A00043846	1.21	607	1.55	36.7	860	2.05	256	0.26	154	159

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Element	Zr	Ag	As	Be	Bi	Cd	Ce	Co	Cs	Ga
Method	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B
Det.Lim.	0.5	0.02	1	0.1	0.04	0.02	0.05	0.1	5	0.1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
A00043834	8.5	9.22	2	0.8	120	0.85	24.7	21.5	<5	21.4
A00043835	1.7	2.13	1	0.2	1.54	1.78	2.84	5.1	<5	4.0
A00043836	5.3	0.85	1	0.6	1.65	2.07	23.4	16.5	<5	19.5
A00043837	2.7	5.74	2	0.9	0.53	0.90	8.82	7.0	<5	21.8
A00043838	5.5	9.64	2	0.7	41.5	0.90	23.7	21.0	<5	22.1
A00043839	3.3	>10	<1	0.6	6.87	1.51	12.1	9.4	<5	15.9
A00043840	3.1	0.62	1	1.3	0.62	0.17	17.9	9.5	<5	16.1
A00043841	4.5	2.01	2	1.3	28.6	0.20	30.9	6.1	<5	16.4
A00043842	3.5	0.26	1	1.1	0.26	0.16	22.9	6.5	<5	16.6
A00043843	4.9	5.63	2	1.2	9.36	0.28	22.2	9.9	<5	16.3
A00043844	4.5	4.50	1	1.3	8.18	0.63	27.9	6.3	6	17.4
A00043845	43.2	0.65	3	0.7	0.05	0.32	19.8	11.1	<5	11.3
A00043846	29.8	3.21	31	1.0	1.24	1.46	26.0	19.4	<5	15.1

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Element	Hf	In	La	Lu	Mo	Nb	Pb	Rb	Sb	Sc
Method	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B
Det.Lim.	0.02	0.02	0.1	0.01	0.05	0.1	0.5	0.2	0.05	0.1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
A00043834	0.68	0.18	11.1	0.22	8.93	2.1	12.2	66.0	1.33	16.3
A00043835	0.06	0.07	1.3	0.05	9.32	0.5	4.0	10.8	0.27	1.1
A00043836	0.16	0.04	10.3	0.17	9.75	2.3	8.3	29.2	0.60	13.9
A00043837	0.21	<0.02	4.3	0.06	18.2	1.1	9.7	57.3	0.35	5.4
A00043838	0.35	0.17	10.7	0.15	35.9	1.7	12.4	69.8	1.18	15.2
A00043839	0.15	0.10	5.7	0.11	283	1.4	15.4	58.5	0.34	7.2
A00043840	0.18	0.14	7.0	0.22	1.53	4.9	10.4	35.3	0.94	6.8
A00043841	0.24	0.34	9.1	0.42	1.56	7.8	29.3	36.9	1.09	7.0
A00043842	0.23	0.06	11.1	0.17	2.23	4.8	10.1	55.4	0.81	8.1
A00043843	0.23	0.28	7.6	0.30	3.19	5.3	154	48.0	2.83	9.1
A00043844	0.28	0.22	11.7	0.29	1.85	4.1	175	65.1	1.59	9.5
A00043845	1.26	0.03	9.4	0.22	3.28	3.9	4.4	22.9	0.74	11.2
A00043846	0.97	0.09	13.3	0.23	1020	4.1	42.2	85.1	7.24	15.8

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Element	Se	Sn	Ta	Tb	Te	Th	Tl	U	W	Y
Method	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B
Det.Lim.	2	0.3	0.05	0.05	0.05	0.2	0.02	0.05	0.1	0.1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
A00043834	9	1.6	0.28	0.41	97.1	3.6	0.49	14.1	7.0	10.4
A00043835	<2	<0.3	<0.05	0.09	1.88	0.4	0.10	1.22	1.3	2.1
A00043836	<2	0.7	0.18	0.45	0.78	1.7	0.19	0.98	53.5	11.4
A00043837	<2	0.3	0.21	0.12	0.44	1.7	0.37	2.44	4.3	2.8
A00043838	5	1.0	0.29	0.36	32.5	2.3	0.52	6.68	10.2	7.9
A00043839	<2	0.6	0.12	0.21	5.14	1.1	0.38	3.20	5.8	5.4
A00043840	<2	2.1	0.59	0.42	0.34	11.9	0.56	3.31	7.4	12.8
A00043841	<2	4.8	0.65	1.00	0.19	9.8	0.69	3.60	8.7	27.3
A00043842	<2	1.5	0.52	0.33	<0.05	11.3	0.57	3.38	1.8	10.0
A00043843	<2	5.2	0.47	0.59	0.14	7.9	0.65	2.88	11.4	15.6
A00043844	<2	4.3	0.43	0.65	0.07	9.6	0.70	3.69	4.5	18.5
A00043845	<2	0.7	0.25	0.44	<0.05	2.1	0.20	0.93	29.5	13.6
A00043846	5	2.0	0.29	0.51	0.62	2.3	0.90	1.10	25.3	14.4

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Final : VC111830 Order: PO. 577547

Element	Yb	Ag	Cu
Method	ICM40B	AAS42E	ICP90Q
Det.Lim.	0.1	0.3	0.01
Units	ppm	g/t	%
A00043834	1.5	N.A.	5.49
A00043835	0.3	N.A.	8.66
A00043836	1.2	N.A.	1.92
A00043837	0.3	N.A.	3.30
A00043838	1.0	N.A.	4.07
A00043839	0.6	12.3	1.96
A00043840	1.5	N.A.	N.A.
A00043841	3.0	N.A.	N.A.
A00043842	1.1	N.A.	N.A.
A00043843	2.0	N.A.	N.A.
A00043844	1.9	N.A.	N.A.
A00043845	2.0	N.A.	N.A.
A00043846	1.5	N.A.	N.A.

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D.

APPENDIX D: TABULATION OF EXPENDITURES

Chopper Support Cost for Mackenzie 2011 Work Activities

Acct#	sub-acct #	Date	JRL	Reference	Description	Amount	JRNL #	Month	Quarter	Account	Sub-account
697	651	20110831	PJ	Inv#016865	Blackcomb Aviation	1,725.50	PJ0355	August	Q3	Mackenzie	Helicopters
697	651	20110930	PJ	Inv#016936	Blackcomb Aviation	16,054.00	PJ0388	September	Q3	Mackenzie	Helicopters
697	651	20111025	PJ	Inv#017042	Blackcomb Aviation	6,631.00	PJ0397	October	Q4	Mackenzie	Helicopters
697	651	20111025	PJ	Inv#017101	Blackcomb Aviation	12,215.00	PJ0397	October	Q4	Mackenzie	Helicopters
697	651	20111025	PJ	Inv#017041	Blackcomb Aviation	18,752.15	PJ0397	October	Q4	Mackenzie	Helicopters
						55,377.65					

Expenditure for Mackenzie 2011 Aborted Drilling Work Activities

697	635	20111031	GJ	Lyncorp	Lyncorp Drilling	25,336.00	GJ0458	October	Q4	Mackenzie	Drilling
697	635	20110930	PJ	01/11/1969	UTM Exploration Services Ltd.	4,598.59	PJ0376	September	Q3	Mackenzie	Drilling
						29,934.59					

Manpower Cost for Mackenzie 2011 Work Activities

Acct#	sub-acct #	Date	JRL	Reference	Name of Service Provider/ Employee	Amount	JRNL #	Month	Quarter	Account	Sub-account
697	500	20110917	PR	P/R: Sep17	Shannon Baird	316.07	PR1043	September	Q3	Mackenzie	Wages - Geology
697	500	20110924	PR	P/R: Sep24	Shannon Baird	316.07	PR1044	September	Q3	Mackenzie	Wages - Geology
697	500	20110930	GJ	Q3 2011	Shannon Baird	113.71	GJ0391	September	Q3	Mackenzie	Wages - Geology
697	500	20110930	GJ	S Baird	Shannon Baird	576.92	GJ0383	September	Q3	Mackenzie	Wages - Geology
697	500	20111001	PR	P/R: Oct01	Shannon Baird	1,640.17	PR1045	October	Q4	Mackenzie	Wages - Geology
697	500	20111008	PR	P/R: Oct08	Shannon Baird	1,324.10	PR1046	October	Q4	Mackenzie	Wages - Geology
697	508	20111001	PR	P/R: Oct01	Martine Girard	2,529.91	PR1045	October	Q4	Mackenzie	Camp Cook/medic
697	508	20111008	PR	P/R: Oct08	Guillaume Vassas	2,256.05	PR1046	October	Q4	Mackenzie	Camp Cook/medic
697	660	20110831	PJ	2011MM-52	Peter Andersen	192.50	PJ0355	August	Q3	Mackenzie	Consulting Services-Geological
697	660	20111019	PJ	OCT152011	Joshua Lindgren	945.00	PJ0395	October	Q4	Mackenzie	Consulting Services-Geological
						10,210.50					

Position	Daily Rate	no. of Days	
Shannon Baird	Geologist	315.00	14.0
Martine Girard	Camp Cook	220.00	12.0
Guillaume Vassas	Medic / Bull Cook	180.00	13.0
Peter Andersen	Database man	600.00	0.3
Joshua Lindgren	GeoTech - Assistant	240.00	4.0

Other Camp & material/supplies Expenditures for Mackenzie 2011 Work Activities

Acct#	sub-acct #	Date	JRL	Reference	Description	Amount	JRNL #	Month	Quarter	Account	Sub-account
697	630	20110831	PJ	03A-17474	Deakin Industries	181.70	PJ0350	August	Q3	Mackenzie	Site Supplies
697	652	20110930	PJ	CL567815	Cool Creek Agencies Ltd.	1,539.34	PJ0381	September	Q3	Mackenzie	Fuel
697	652	20111031	PJ	CL623514	A C Petroleum Sales	312.39	PJ0412	October	Q4	Mackenzie	Fuel
697	654	20110801	CD	01/08/2011	Geordy Rentals Inc.	384.40	CD0150	August	Q3	Mackenzie	Vehicle Rental
697	654	20110901	CD	01/09/2011	Geordy Rentals Inc.	384.40	CD0151	September	Q3	Mackenzie	Vehicle Rental
697	654	20110930	PJ	Inv#002998	Budget Car & Truck Rental	500.00	PJ0381	September	Q3	Mackenzie	Vehicle Rental
697	654	20110930	PJ	Inv#002999	Budget Car & Truck Rental	1,050.17	PJ0381	September	Q3	Mackenzie	Vehicle Rental
697	654	20111001	CD	01/10/2011	Geordy Rentals Inc.	384.40	CD0152	October	Q4	Mackenzie	Vehicle Rental
697	654	20111012	PJ	Inv#031380	Ron Ridley Rentals Ltd.	975.00	PJ0382	October	Q4	Mackenzie	Vehicle Rental
697	654	20111031	GJ	GeordyRent	vehicle damage estimate	350.00	GJ0457	October	Q4	Mackenzie	Vehicle Rental
697	665	20110801	PJ	Inv#111185	Mountainview Storage Ltd.	61.37	PJ0317	August	Q3	Mackenzie	Site Facilities
697	665	20110831	CD	AUG312011	Scott Latimmer	203.00	CD0139	August	Q3	Mackenzie	Site Facilities
697	665	20110906	PJ	Inv#014013	Mountainview Storage Ltd.	61.37	PJ0343	September	Q3	Mackenzie	Site Facilities
697	665	20110930	CD	SEPT302011	Scott Latimmer	203.00	CD0140	September	Q3	Mackenzie	Site Facilities
697	665	20111001	PJ	Inv#015192	Mountainview Storage Ltd.	61.37	PJ0373	October	Q4	Mackenzie	Site Facilities
697	665	20111001	GJ	Latimmer	May payment is last month rent	203.00	GJ0307	October	Q4	Mackenzie	Site Facilities
697	668	20110811	PJ	Inv#067190	BC Communications Inc.	54.68	PJ0327	August	Q3	Mackenzie	Safety Gear
697	668	20111012	PJ	Inv#069049	BC Communications Inc.	220.50	PJ0382	October	Q4	Mackenzie	Safety Gear
697	668	20111025	PJ	OCT4 2011	Pemberton Valley Hardware	93.16	PJ0397	October	Q4	Mackenzie	Safety Gear
697	668	20111025	PJ	OCT4 11	Pemberton Valley Hardware	279.48	PJ0397	October	Q4	Mackenzie	Safety Gear
697	668	20111031	PJ	21559-01	Signal Systems	857.50	PJ0424	October	Q4	Mackenzie	Safety Gear
						8,360.23					

Geochem Sampling Costs for Mackenzie 2011 Work Activities

Acct#	sub-acct #	Date	JRL	Reference	Description	Amount	JRNL #	Month	Quarter	Account	Sub-account
697	630	21111208	PJ	VC111830; PO577547	SGS Canada Inc	800.65		October	Q3	Mackenzie	SGS
						800.65					

GRANDTOTAL 104,683.62

E.

APPENDIX E: Invoices & Receipts



BLACKCOMB

Aviation

INVOICE

NUMBER 0000016936

DATE 31-August-2011
CUSTOMER NO. MIOCENE

BILL TO:

Miocene Metals Ltd
310 - 1281 West Georgia St
Vancouver BC V6E 3J7

SHIP TO:

Miocene Metals Ltd
310 - 1281 West Georgia St
Vancouver BC V6E 3J7

(604) 654-2580 Ext.

(604) 654-2580 Ext.

P.O. NUMBER	ORDER DATE	ORDER NUMBER	FLIGHT REPORT NUMBER	TERMS
	31-Aug-11	0000015510	See below	Due Upon Receipt

SERVICE ITEM	DESCRIPTION	UNITS	QUANTITY	RATE	AMOUNT
CHAR-MINING	SKI - Astar 350 B2 - Aug26 - FR # 12038	HR	0.60	1,675.00	1,005.00
FUEL SURCHARGE	SKI - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	0.60	70.00	42.00
R-MINING	SKI - Astar 350 B2 - Aug27 - FR # 7910	HR	1.80	1,675.00	3,015.00
FUEL SURCHARGE	SKI - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	1.80	70.00	126.00
CHAR-MINING	SKI - Astar 350 B2 - Aug28 - FR # 7911	HR	3	1,675.00	5,025.00
FUEL SURCHARGE	SKI - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	3	70.00	210.00
CHAR-MINING	SKI - Astar 350 B2 - Aug29 - FR # 7912	HR	1.60	1,675.00	2,680.00
FUEL SURCHARGE	SKI - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	1.60	70.00	112.00
CHAR-MINING	SKI - Astar 350 B2 - Aug30 - FR # 7913	HR	5.10	1,675.00	8,542.50
FUEL SURCHARGE	SKI - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	5.10	70.00	357.00
CHAR-MINING		HR	4.10	1,675.00	6,867.50

666-651

697-651

Remit To:

Blackcomb Helicopters LP
#400 - 375 Water St.
Vancouver, BC V6B 5C6
Phone: (604) 453-5008 Fax: (604) 453-5051

CONTINUED



BLACKCOMB

Aviation

INVOICE

NUMBER 0000016936

DATE 31-August-2011
 CUSTOMER NO. MIOCENE

BILL TO:

Miocene Metals Ltd
 310 - 1281 West Georgia St
 Vancouver BC V6E 3J7

SHIP TO:

Miocene Metals Ltd
 310 - 1281 West Georgia St
 Vancouver BC V6E 3J7

(604) 654-2580 Ext.

(604) 654-2580 Ext.

P.O. NUMBER	ORDER DATE	ORDER NUMBER	FLIGHT REPORT NUMBER	TERMS
	31-Aug-11	0000015510	See below	Due Upon Receipt

SERVICE ITEM	DESCRIPTION	UNITS	QUANTITY	RATE	AMOUNT
SKI - Astar 350 B2 - Aug31 - FR # 7916					
FUEL SURCHARGE	SKI - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	4.10	70.00	287.00

697-651 }

Remit To: **Blackcomb Helicopters LP**
 #400 - 375 Water St.
 Vancouver, BC V6B 5C6
 Phone: (604) 453-5008 Fax: (604) 453-5051

CANADIAN DOLLARS
 NET AMOUNT 38,668.50

FREIGHT
 G.S.T. 5%
 H.S.T. 12% 4,640.22

TOTAL DUE **\$43,308.72**

APP'D: 

RECEIVED

DATE: 22 OCT 2011

ACCT: 696 - 651 / 697 - 651

JOB #:

GST Number 83325 3768 RT0001



BLACKCOMB

Aviation

INVOICE

NUMBER 0000017041

DATE 19-September-2011
 CUSTOMER NO. MIOCENE

BILL TO:

Miocene Metals Ltd
 310 - 1281 West Georgia St
 Vancouver BC V6E 3J7

SHIP TO:

Miocene Metals Ltd
 310 - 1281 West Georgia St
 Vancouver BC V6E 3J7

(604) 654-2580 Ext.

(604) 654-2580 Ext.

P.O. NUMBER	ORDER DATE	ORDER NUMBER	FLIGHT REPORT NUMBER	TERMS	
	19-Sep-11	0000015619	See below	Due Upon Receipt	
SERVICE ITEM	DESCRIPTION	UNITS	QUANTITY	RATE	AMOUNT
Various trips/work - See Flight Reports for details All charter rates include base fuel rate					
CHAR-MINING	FCH - Bell 407 - Sep9 - FR # 12402	HR	1.70	1,875.00	3,187.50
FUEL SURCHARGE	FCH - Bell 407 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	1.70	70.00	119.00
CHAR-MINING	FCH - Bell 407 - Sep11 - FR # 9617	HR	1.70	1,875.00	3,187.50
FUEL SURCHARGE	FCH - Bell 407 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	1.70	70.00	119.00
CHAR-MINING	DGA - Astar350 B3 - Sep13 - FR # 12411	HR	6.90	2,165.00	14,938.50
FUEL SURCHARGE	DGA - Astar350 B3 - \$0.35 * 210L/hr consumption = \$73.50/hr	HR	6.90	73.50	507.15
CHAR-MINING	YYR - Astar 350 B2 - Sep17 - FR # 7923	HR	1.10	1,675.00	1,842.50
FUEL SURCHARGE	YYR - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	1.10	70.00	77.00
CHAR-MINING	YYR - Astar 350 B2 - Sep19 - FR # 11301	HR	1.80	1,675.00	3,015.00
FUEL SURCHARGE	YYR - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	1.80	70.00	126.00

Remit To: **Blackcomb Helicopters LP**
 #400 - 375 Water St.
 Vancouver, BC V6B 5C6
 Phone: (604) 453-5008 Fax: (604) 453-5051

CANADIAN DOLLARS
 NET AMOUNT 27,119.15

FREIGHT
 G.S.T. 5%
 H.S.T. 12% 3,254.30

GST Number 83325 3768 RT0001

APPROVED: *[Signature]*

RECEIVED

DATE: 19 OCT 2011

ACCT: as broken down

JOB #:

TOTAL DUE \$30,373.45

697 = 8.60 hr
 677 = 460 hr.

f 833253768

BLACKCOMBTM

Aviation

MAIN OFFICE MAILING ADDRESS

PO BOX 1241, Whistler, BC Canada V0N 1B0 TEL: 604-938-1700

BASES: VANCOUVER 604-273-5311 SQUAMISH 604-898-1067 SECHLT 604-740-0880

FLIGHT REPORT

No 12402

CUSTOMER NAME <i>Microne Metals</i>		DATE <i>9 Sept 2010</i>			
BILLING ADDRESS		PHONE			
		P.O. #			
PASSENGER NAMES <i>Bruce Jaeger / Shannon</i>		BA INVOICE # <i>11041</i>			
		PILOT <i>Den Cowton</i>			
		BASE OF OPERATIONS <i>Whistler</i>			
A/C TYPE <i>Beh 403</i>	<i>c. FFCM</i>	# of PAX	START TIME	END TIME	TOTALS HOURS
<i>YPS to Bridge River Camp</i>		<i>1</i>	<i>0859</i>	<i>0909</i>	<i>0.5</i>
<i>Bridge Camp to Mackenzie Cirque</i>		<i>2</i>	<i>1035</i>	<i>1047</i>	<i>0.2</i>
<i>Mackenzie Cirque - recce - Camp</i>		<i>2</i>	<i>1158</i>	<i>1216</i>	<i>0.5</i>
<i>Camp to Logan ridge</i>		<i>2</i>	<i>1234</i>	<i>1246</i>	<i>0.2</i>
<i>Logan R. - Camp - YPS</i>		<i>1</i>	<i>1530</i>	<i>1400</i>	<i>0.5</i>
TOTAL HOURS					<i>1.7</i>
CHARTER RATE		<i>1.7</i>	HOURS @ \$	<i>1875-</i>	<i>3187.50</i>
FUEL - BASE RATE <i>0.55/L x 2004 hr = \$1102 hr</i>		<i>1.7</i>	HOURS @ \$	<i>70-</i>	<i>119-</i>
FUEL - OTHER LOCATION			HOURS @ \$		
UNUSED MINIMUMS			HOURS @ \$		
LANDING FEES/LOCATION			@ \$		
OTHER					
OTHER					
AUTHORIZED SIGNATURE <i>[Signature]</i>	PRINT NAME <i>Den Cowton</i>	SUB TOTAL			
		H.S.T.			
THANK YOU FOR FLYING WITH US!		TOTAL			

BLACKCOMBTM

Aviation

MAIN OFFICE MAILING ADDRESS

PO BOX 1241, Whistler, BC Canada V0N 1B0 TEL: 604-938-1700

BASES: VANCOUVER 604-273-5311 SQUAMISH 604-898-1067 SECHLT 604-740-0880

FLIGHT REPORT

NO 09617

CUSTOMER NAME <i>MIOCENE METALS</i>		DATE <i>SEPT 14/11</i>				
BILLING ADDRESS		PHONE				
		P.O. #				
PASSENGER NAMES		BA INVOICE # <i>17841</i>				
		PILOT <i>A. MEERER</i>				
		BASE OF OPERATIONS <i>Pemberton</i>				
A/C TYPE <i>B407</i>	<i>C-FLIGHT</i>	# of PAX	START TIME	END TIME	TOTALS HOURS	
<i>Pemberton → BEVERS SITE w/ crew</i>		<i>3</i>	<i>1030</i>	<i>1100</i>		
<i>→ DRILL SITE PAD</i>		<i>4</i>	<i>1100</i>			
<i>→ SITE w/ crew</i>		<i>4</i>	<i>1300</i>			
<i>→ BRIDGE CAMP w/ crew</i>		<i>2</i>				
<i>→ MCKENZIE PAD</i>		<i>3</i>	<i>1400</i>			
<i>→ BRIDGE CAMP w/ crew</i>		<i>3</i>	<i>1700</i>			
<i>→ Pemberton w/ crew</i>		<i>1</i>	<i>1730</i>		<i>1.7</i>	
<i>* BEVERS / MCKENZIE SITE SURVEYS.</i>						
TOTAL HOURS					<i>1.7</i>	
CHARTER RATE	<i>1.7</i> HOURS @ \$	<i>1875-</i>	<i>3187.50</i>			
FUEL - BASE RATE	<i>1.7</i> HOURS @ \$	<i>70-</i>	<i>119-</i>			
FUEL - OTHER LOCATION	HOURS @ \$					
UNUSED MINIMUMS	HOURS @ \$					
LANDING FEES/LOCATION	@ \$					
OTHER						
OTHER						
AUTHORIZED SIGNATURE <i>[Signature]</i>	PRINT NAME <i>Jill Marie Garcia</i>	SUB TOTAL				
		H.S.T.				
THANK YOU FOR FLYING WITH US!		TOTAL				

THIS TICKET IS EXPRESSLY SUBJECT TO THE CONDITIONS PRINTED ON THE REVERSE SIDE OF THE TICKET AND WHICH ARE HEREBY ACCEPTED

R.S.T.# R123298101

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Aviation

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BASES: VANCOUVER 604-273-5311 SQUAMISH 604-898-1067 SECHLT 604-740-0880

FLIGHT REPORT

N^o 12411

CUSTOMER NAME <i>Miocene Metals</i>		DATE <i>13 Sept 2011</i>				
BILLING ADDRESS		PHONE				
		P.O. #				
PASSENGER NAMES		BA INVOICE # <i>17041</i>				
<i>0 pax</i>		PILOT <i>Dan Canton</i>				
		BASE OF OPERATIONS <i>Whistler</i>				
AVC TYPE	<i>A5350 B3</i>	<i>o PDGA</i>	# of PAX	START TIME	END TIME	TOTALS HOURS
	<i>Whistler to Miocene staying</i>		<i>0</i>	<i>0817</i>	<i>0916</i>	<i>0.9</i>
	<i>stringing drill and parts</i>		<i>0</i>	<i>0934</i>	<i>1035</i>	<i>0.7</i>
	<i>" " " "</i>		<i>0</i>	<i>1042</i>	<i>1143</i>	<i>1.0</i>
	<i>" " " "</i>		<i>0</i>	<i>1147</i>	<i>1225</i>	<i>0.6</i>
	<i>" " " "</i>		<i>0</i>	<i>1247</i>	<i>1346</i>	<i>0.9</i>
	<i>" " " "</i>		<i>0</i>	<i>1345</i>	<i>1511</i>	<i>1.4</i>
	<i>" " " "</i>		<i>0</i>	<i>1535</i>	<i>1640</i>	<i>1.1</i>
	<i>" " " "</i>		<i>0</i>	<i>1710</i>	<i>1736</i>	<i>0.4</i>
	<i>← Miocene staying to YPs</i>		<i>0</i>	<i>1750</i>	<i>1814</i>	<i>0.4</i>
TOTAL HOURS						6.9
CHARTER RATE		<i>6.9</i>	HOURS @ \$	<i>2165 =</i>	<i>14,938.50</i>	
FUEL - BASE RATE	<i>0.35/L x 210 L/hr = \$73.50</i>	<i>6.9</i>	HOURS @ \$	<i>73.50</i>	<i>507.50</i>	
FUEL - OTHER LOCATION			HOURS @ \$			
UNUSED MINIMUMS			HOURS @ \$			
LANDING FEES/LOCATION			@ \$			
OTHER						
OTHER						
AUTHORIZED SIGNATURE	PRINT NAME	SUB TOTAL				
<i>[Signature]</i>	<i>JOE SATO CANTON</i>	H.S.T.				
THANK YOU FOR FLYING WITH US!			TOTAL			

THIS TICKET IS EXPRESSLY SUBJECT TO THE CONDITIONS PRINTED ON THE REVERSE SIDE OF THE TICKET AND WHICH ARE HEREBY ACCEPTED

H.S.T.# R123298101

WHITE INVOICE

YELLOW CUSTOMER

PINK RECEIVING

GREEN FOR LOG

BLACKCOMB™

Aviation

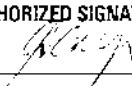
MAIN OFFICE MAILING ADDRESS

PO BOX 1241, Whistler, BC Canada V0N 1B0 TEL: 604-938-1700

BASES: VANCOUVER 604-273-5311 SQUAMISH 604-898-1067 SECHLT 604-740-0880

FLIGHT REPORT

No 11301

CUSTOMER NAME <u>NIOCCENE METALS</u>		DATE <u>19 SEP 2011</u>			
BILLING ADDRESS		PHONE			
		P.O. #			
PASSENGER NAMES		BA INVOICE # <u>17041</u>			
		PILOT <u>A M JORDON</u>			
		BASE OF OPERATIONS <u>FEMBERTON</u>			
A/C TYPE <u>350 Fx2</u>	<u>G-6YXR</u>	# of PAX	START TIME	END TIME	TOTALS HOURS
<u>FEMBERTON + ROBERT'S STAGING</u>		<u>2</u>	<u>0850</u>	<u>0907</u>	<u>0.3</u>
<u>ROBERT'S -> SUND 6 LOADS TO DELCO SITE</u>		<u>2</u>	<u>0927</u>	<u>1043</u>	<u>1.2</u>
<u>8 FUEL CACHE</u>					
<u>2 D/O 2 PAX 6 DRUM PAD -> PC</u>		<u>2</u>			<u>0.3</u>
TOTAL HOURS					<u>1.8</u>
CHARTER RATE	<u>1.8</u> HOURS @ \$	<u>1675-</u>	<u>3015-</u>		
FUEL - BASE RATE	<u>1.8</u> HOURS @ \$	<u>70-</u>	<u>126-</u>		
FUEL - OTHER LOCATION	HOURS @ \$				
UNUSED MINIMUMS	HOURS @ \$				
LANDING FEES/LOCATION	@ \$				
OTHER					
OTHER					
AUTHORIZED SIGNATURE 	PRINT NAME <u>JEFF SAITO CAN/14</u>	SUB TOTAL			
THANK YOU FOR FLYING WITH US!		H.S.T.			
		TOTAL			

THIS TICKET IS EXPRESSLY SUBJECT TO THE CONDITIONS PRINTED ON THE REVERSE SIDE OF THE TICKET AND WHICH ARE HEREBY ACCEPTED

H.S.T.# R123298101

BLACKCOMB

Aviation

FLIGHT REPORT

07923

MAIN OFFICE MAILING ADDRESS

PO BOX 1241, Whistler, BC Canada V0N 1B0 TEL: 604-938-1700

BASES: VANCOUVER 604-273-5311 **SQUAMISH** 604-898-1067 **SECHLT** 604-740-0880

CUSTOMER NAME <i>Miocene Metals</i>		DATE <i>17 SEP 2011</i>			
BILLING ADDRESS		PHONE			
		P.O. #			
PASSENGER NAMES <i>Jose Max (SIBS)</i>		BA INVOICE # <i>17041</i>			
		PILOT <i>A MUDDOCK</i>			
		BASE OF OPERATIONS <i>PEMBERTON</i>			
A/C TYPE <i>350 EX2</i>	<i>C-6YR</i>	# of PAX	START TIME	END TIME	TOTAL HOURS
<i>PEMBERTON @ ROGER'S CREEK STAGING</i>		<i>2</i>	<i>1007</i>	<i>1057</i>	<i>0.5</i>
<i>+ FUEL CACHE + TRY TO GET TO DKA SITE</i>					
<i>+ 2ND ATTEMPT TO CLIMB + SUCCEED</i>		<i>2</i>	<i>1055</i>	<i>1130</i>	<i>0.75</i>
<i>NOE OFF DKA + PEMBERTON</i>					
TOTAL HOURS					<i>1.1</i>
CHARTER RATE	<i>1.1</i>	HOURS @ \$	<i>1675-</i>	<i>1842.50</i>	
FUEL - BASE RATE	<i>1.1</i>	HOURS @ \$	<i>70-</i>	<i>77-</i>	
FUEL - OTHER LOCATION		HOURS @ \$			
UNUSED MINIMUMS		HOURS @ \$			
LANDING FEES/LOCATION		@ \$			
OTHER					
OTHER					
AUTHORIZED SIGNATURE <i>[Signature]</i>	PRINT NAME <i>[Signature]</i>	SUB TOTAL			
		G.S.T.			
THANK YOU FOR FLYING WITH US!		TOTAL			

THIS TICKET IS EXPRESSLY SUBJECT TO THE CONDITIONS PRINTED ON THE REVERSE SIDE OF TICKET AND WHICH ARE HEREBY ACCEPTED

G.S.T.# R123298101

WHITE: INVOICE

YELLOW: CUSTOMER

PINK: ACCOUNTING

GOLDENROD: PILOT



BLACKCOMB

Aviation

INVOICE

NUMBER 0000017042

DATE 24-September-2011
CUSTOMER NO. MIOCENE

BILL TO:

Miocene Metals Ltd
310 - 1281 West Georgia St
Vancouver BC V6E 3J7

SHIP TO:

Miocene Metals Ltd
310 - 1281 West Georgia St
Vancouver BC V6E 3J7

(604) 654-2580 Ext.

(604) 654-2580 Ext.

P.O. NUMBER	ORDER DATE	ORDER NUMBER	FLIGHT REPORT NUMBER	TERMS		
	24-Sep-11	0000015620	See below	Due Upon Receipt		
SERVICE ITEM	DESCRIPTION		UNITS	QUANTITY	RATE	AMOUNT
SKI - Astar 350 B2 - Sep11 - FR # 8914 - NO FLY DAY						
CHAR-MINING			HR	1.70	1,675.00	2,847.50
SKI - Astar 350 B2 - Sep12 - FR # 9572	<i>PO 783625 696 - 1.2 hr</i>					
FUEL SURCHARGE			HR	1.70	70.00	119.00
SKI - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	<i>697 - 0.5 hr</i>					
						<i>≅ 1.7 hr</i>
CHAR-MINING			HR	4.80	1,675.00	8,040.00
SKI - Astar 350 B2 - Sep13 - FR # 9574	<i>PO 783625 696 - 1.5 hr</i>					
FUEL SURCHARGE			HR	4.80	70.00	336.00
SKI - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	<i>697 - 3.3 hr</i>					
						<i>≅ 4.8 hr</i>
CHAR-MINING			HR	0.80	1,675.00	1,340.00
SKI - Astar 350 B2 - Sep14 - FR # 12041	<i>PO 783625 696</i>					
FUEL SURCHARGE			HR	0.80	70.00	56.00
SKI - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr						
CHAR-MINING			HR	0.70	1,675.00	1,172.50
SKI - Astar 350 B2 - Sep15 - FR # 12042	<i>PO 783625 696</i>					
FUEL SURCHARGE			HR	0.70	70.00	49.00
SKI - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr						
CHAR-MINING			EA	0.80	1,675.00	1,340.00
SKI - Astar 350 B2 - Sep16 - FR # 12043	<i>PO 3876 696</i>					
FUEL SURCHARGE			HR	0.80	70.00	56.00
SKI - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr						

Remit To:

Blackcomb Helicopters LP
#400 - 375 Water St.
Vancouver, BC V6B 5C6
Phone: (604) 453-5008 Fax: (604) 453-5051

CONTINUED

GST Number 83325 3768 RT0001



BLACKCOMB

Aviation

INVOICE

NUMBER 0000017101

DATE 30-September-2011
 CUSTOMER NO. MIOCENE

BILL TO:

Miocene Metals Ltd
 310 - 1281 West Georgia St
 Vancouver BC V6E 3J7

SHIP TO:

Miocene Metals Ltd
 310 - 1281 West Georgia St
 Vancouver BC V6E 3J7

(604) 654-2580 Ext.

(604) 654-2580 Ext.

P.O. NUMBER	ORDER DATE	ORDER NUMBER	FLIGHT REPORT NUMBER	TERMS	
	30-Sep-11	0000015678	See below	Due Upon Receipt	
SERVICE ITEM	DESCRIPTION	UNITS	QUANTITY	RATE	AMOUNT
Various trips/work - See Flight Reports for details All charter rates include base fuel rate					
CHAR-MINING	YR - Astar 350 B2 - Sep24 - FR # 12416	HR	1.80	1,675.00	3,015.00
FUEL SURCHARGE	YR - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	1.80	70.00	126.00
CHAR-MINING	YR - Astar 350 B2 - Sep25 - NO FLY DAY	HR			N/C
CHAR-MINING	YR - Astar 350 B2 - Sep26 - NO FLY DAY	HR			N/C
CHAR-MINING	YR - Astar 350 B2 - Sep27 - FR # 12420	HR	1	1,675.00	1,675.00
FUEL SURCHARGE	YR - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	1	70.00	70.00
CHAR-MINING	YR - Astar 350 B2 - Sep28 - FR # 12423	HR	1.90	1,675.00	3,182.50
FUEL SURCHARGE	YR - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	1.90	70.00	133.00
CHAR-MINING	YR - Astar 350 B2 - Sep29 - FR # 12424	HR	1.30	1,675.00	2,177.50
FUEL SURCHARGE	YR - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	1.30	70.00	91.00

Remit To:

Blackcomb Helicopters LP
 #400 - 375 Water St.
 Vancouver, BC V6B 5C6
 Phone: (604) 453-5008 Fax: (604) 453-5051

CONTINUED

GST Number 83325 3768 RT0001

Handwritten signature



BLACKCOMB

Aviation

INVOICE

NUMBER 0000017101

DATE 30-September-2011
 CUSTOMER NO. MIOCENE

BILL TO:

Miocene Metals Ltd
 310 - 1281 West Georgia St
 Vancouver BC V6E 3J7

SHIP TO:

Miocene Metals Ltd
 310 - 1281 West Georgia St
 Vancouver BC V6E 3J7

(604) 654-2580 Ext.

(604) 654-2580 Ext.

P.O. NUMBER	ORDER DATE	ORDER NUMBER	FLIGHT REPORT NUMBER	TERMS
	30-Sep-11	0000015678	See below	Due Upon Receipt

SERVICE ITEM	DESCRIPTION	UNITS	QUANTITY	RATE	AMOUNT
CHAR-MINING	YR - Astar 350 B2 - Sep30 - FR # 12425	HR	1	1,675.00	1,675.00
FUEL SURCHARGE	YR - Astar 350 B2 - \$0.35 * 200L/hr consumption = \$70.00/hr	HR	1	70.00	70.00

Remit To: **Blackcomb Helicopters LP**
 #400 - 375 Water St.
 Vancouver, BC V6B 5C6
 Phone: (604) 453-5008 Fax: (604) 453-5051

CANADIAN DOLLARS
 NET AMOUNT 12,215.00

FREIGHT
 G.S.T. 5%
 H.S.T. 12% 1,465.80

TOTAL DUE **\$13,680.80**

GST Number 83325 3768 RT0001

APP'D: *[Signature]*
RECEIVED
 DATE: 18 OCT 2011
 ACCT: 697-651
 JOB #:

*Please note amount on
 EXEMPTION slip.*

BLACKCOMBTM

Aviation

MAIN OFFICE MAILING ADDRESS

PO BOX 1241, Whistler, BC Canada V0N 1B0 TEL: 604-938-1700

BASES: VANCOUVER 604-273-5311 SQUAMISH 604-898-1067 SECHLT 604-740-0880

FLIGHT REPORT

No 12420

CUSTOMER NAME <i>Miocene Metals</i>		DATE <i>27 Sept 2011</i>			
BILLING ADDRESS		PHONE			
		P.O. #			
PASSENGER NAMES		BA INVOICE # <i>17101</i>			
		PILOT <i>Dan Canton</i>			
		BASE OF OPERATIONS <i>Gunn Lake</i>			
A/C TYPE <i>AS350 D2</i>	<i>0 GYR</i>	# of PAX	START TIME	END TIME	TOTALS HOURS
<i>Cresval Staging to Miocene Staging</i>		<i>0</i>	<i>0759</i>	<i>0805</i>	<i>0.1</i>
<i>Miocene Camp to Mackenzie Cirque</i>		<i>4</i>	<i>1026</i>	<i>1030</i>	<i>0.2</i>
<i>Mack Cirque to Mic Camp</i>		<i>4</i>	<i>1045</i>	<i>1051</i>	<i>0.1</i>
<i>Mic Camp to Mack Cirq - return</i>		<i>2</i>	<i>1310</i>	<i>1322</i>	<i>0.2</i>
<i>" " " "</i>		<i>3</i>	<i>1535</i>	<i>1547</i>	<i>0.2</i>
<i>Mic Camp - Gunn Lake</i>		<i>0</i>	<i>1748</i>	<i>1800</i>	<i>0.2</i>
TOTAL HOURS					<i>1.0</i>
CHARTER RATE	<i>1.0</i> HOURS @ \$	<i>1675-</i>	<i>1675-</i>		
FUEL- BASE RATE	<i>1.0</i> HOURS @ \$	<i>70-</i>	<i>70-</i>		
FUEL - OTHER LOCATION	HOURS @ \$				
UNUSED MINIMUMS	HOURS @ \$				
LANDING FEES/LOCATION	@ \$				
OTHER					
OTHER					
AUTHORIZED SIGNATURE	PRINT NAME	SUB TOTAL			
<i>[Signature]</i>	<i>SHANNON BAZZ</i>	H.S.T.			
THANK YOU FOR FLYING WITH US!		TOTAL			

BLACKCOMBTM

Aviation

MAIN OFFICE MAILING ADDRESS

PO BOX 1241, Whistler, BC Canada V0N 1B0 TEL: 604-938-1700

BASES: VANCOUVER 604-273-5311 SQUAMISH 604-898-1067 SEHELT 604-740-0880

FLIGHT REPORT

No 12425

CUSTOMER NAME <i>Miocene Metals</i>		DATE <i>30 Sept 2001</i>			
BILLING ADDRESS		PHONE			
		P.O. #			
PASSENGER NAMES		BA INVOICE # <i>17101</i>			
		PILOT <i>Den Canton</i>			
		BASE OF OPERATIONS <i>Gun Lake</i>			
A/C TYPE <i>AS350 DZ</i>	<i>a GYR</i>	# of PAX	START TIME	END TIME	TOTALS HOURS
<i>Gun Lake to Miocene Camp</i>		<i>0</i>	<i>0713</i>	<i>0728</i>	<i>0.2</i>
<i>Camp - Mackenzie Cirque - etc - return</i>		<i>5</i>	<i>0750</i>	<i>0808</i>	<i>0.3</i>
<i>Mackenzie Cirque - drillers to camp</i>		<i>5</i>	<i>1108</i>	<i>1120</i>	<i>0.2</i>
<i>Camp to - Mac Cirque with drillers</i>		<i>5</i>	<i>1427</i>	<i>1435</i>	<i>0.2</i>
<i>Recce Mackenzie Cirque</i>		<i>0</i>	<i>1609</i>	<i>1615</i>	<i>0.1</i>
TOTAL HOURS					<i>1.0</i>
CHARTER RATE		<i>1.0</i> HOURS @ \$	<i>1675-</i>	<i>1675-</i>	
FUEL - BASE RATE		<i>1.0</i> HOURS @ \$	<i>70-</i>	<i>70-</i>	
FUEL - OTHER LOCATION		HOURS @ \$			
UNUSED MINIMUMS		HOURS @ \$			
LANDING FEES/LOCATION		@ \$			
OTHER					
OTHER					
AUTHORIZED SIGNATURE	PRINT NAME	SUB TOTAL			
<i>[Signature]</i>	<i>SHANNON BAIRD</i>	H.S.T.			
THANK YOU FOR FLYING WITH US!		TOTAL			



LYNCORP DRILLING SERVICES INC.
 Box 66, 4068 Railway Ave.
 Smithers, BC V0J 2N0

Telephone: (250) 847-1933
 Fax: (250) 847-1943

November 15, 2011

Miocene Metals Limited
 October 1-31, 2011
 Invoice # MIO-006

Invoice for mineral exploration services as per contract between Lyncorp Drilling Services Inc. and Miocene Metals Limited

Drill hours	0	@ \$	130.00	0.00
Man hours	144	@ \$	60.00	8,640.00
Man hours for De-Mob	96	@ \$	60.00	5,760.00
Casing 0-60	0	@ \$	33.54	0.00
NQ Footage 0-328	0	@ \$	25.91	0.00
NQ Footage 328-656	0	@ \$	27.44	0.00
NQ Footage 656-984	0	@ \$	28.96	0.00
NQ Footage 984-1312	0	@ \$	30.49	0.00
NQ Footage 1312-1640	0	@ \$	32.01	0.00
NQ Footage 1641-1968	0	@ \$	33.54	0.00
Standby	160	@ \$	60.00	9,600.00
 Subtotal				<u>24,000.00</u>
Consumables - Boyd's expenses during de-mob				1,324.83
Consumables & Supplies @ 10%				132.48
Footage adjustment - Minimum 3000 metres of core drilling				
Transport truck				7,500.00
 Subtotal				<u>32,971.89</u>
HST				3,956.63
Credit from invoice MIO-004				
Original Invoice			26,602.80	
Revised Invoice			<u>23,074.80</u>	(3,528.00)
 Total				<u><u>33,400.51</u></u>

APPROVED: *[Signature]*
RECEIVED
 DATE: 02 DEC 2011
 ACCT: 677-635

Remit Payment To: Lyncorp Drilling Services
 P.O. Box 23099 Mission RPO
 1706 4th St. SW
 Calgary, AB T2S 3B1

Summary

DATE	TIME	DESCRIPTION	FROM	TO	TOTAL	TOTAL	RATE	TOTAL	
	SHEET				CHARGE	FEET			
1/11		Drill hours					\$ 130.00	\$ -	
		Man hours					\$ 60.00	\$ -	
		Casing 0-60	0	0		0	\$ 39.63	\$ -	
		NQ Footage 0-328	0	0		0	\$ 25.91	\$ -	
		NQ Footage 328-656	0	0		0	\$ 27.44	\$ -	
		NQ Footage 656-984	0	0		0	\$ 28.96	\$ -	
		NQ Footage 984-1312	0	0		0	\$ 30.49	\$ -	
		NQ Footage 1312-1640	0	0		0	\$ 32.01	\$ -	
		NQ Footage 1641-1968	0	0		0	\$ 33.54	\$ -	
		Casing (reaming)	0	0		0	\$ 4.57	\$ -	
		Standby	0	40		40	\$ 60.00	\$ 2,400.00	
									sub-total \$ 2,400.00
2/11		Drill hours					\$ 130.00	\$ -	
		Man hours			30		\$ 60.00	\$ 1,800.00	
		Casing 0-60	0	0		0	\$ 39.63	\$ -	
		NQ Footage 0-328	0	0		0	\$ 25.91	\$ -	
		NQ Footage 328-656	0	0		0	\$ 27.44	\$ -	
		NQ Footage 656-984	0	0		0	\$ 28.96	\$ -	
		NQ Footage 984-1312	0	0		0	\$ 30.49	\$ -	
		NQ Footage 1312-1640	0	0		0	\$ 32.01	\$ -	
		NQ Footage 1641-1968	0	0		0	\$ 33.54	\$ -	
		Casing (reaming)	0	0		0	\$ 4.57	\$ -	
		Standby	0	0		0	\$ 60.00	\$ -	
									sub-total \$ 1,800.00
3/11		Drill hours					\$ 130.00	\$ -	
		Man hours					\$ 60.00	\$ -	
		Casing 0-60	0	0		0	\$ 39.63	\$ -	
		NQ Footage 0-328	0	0		0	\$ 25.91	\$ -	
		NQ Footage 328-656	0	0		0	\$ 27.44	\$ -	
		NQ Footage 656-984	0	0		0	\$ 28.96	\$ -	
		NQ Footage 984-1312	0	0		0	\$ 30.49	\$ -	
		NQ Footage 1312-1640	0	0		0	\$ 32.01	\$ -	
		NQ Footage 1641-1968	0	0		0	\$ 33.54	\$ -	
		Casing (reaming)	0	0		0	\$ 4.57	\$ -	
		Standby	0	40		40	\$ 60.00	\$ 2,400.00	
									sub-total \$ 2,400.00
4/11		Drill hours					\$ 130.00	\$ -	
		Man hours					\$ 60.00	\$ -	
		Casing 0-60	0	0		0	\$ 39.63	\$ -	
		NQ Footage 0-328	0	0		0	\$ 25.91	\$ -	
		NQ Footage 328-656	0	0		0	\$ 27.44	\$ -	
		NQ Footage 656-984	0	0		0	\$ 28.96	\$ -	
		NQ Footage 984-1312	0	0		0	\$ 30.49	\$ -	
		NQ Footage 1312-1640	0	0		0	\$ 32.01	\$ -	
		NQ Footage 1641-1968	0	0		0	\$ 33.54	\$ -	
		Casing (reaming)	0	0		0	\$ 4.57	\$ -	
		Standby	0	40		40	\$ 60.00	\$ 2,400.00	
									sub-total \$ 2,400.00
5/11		Drill hours					\$ 130.00	\$ -	
		Man hours					\$ 60.00	\$ -	
		Casing 0-60	0	0		0	\$ 39.63	\$ -	
		NQ Footage 0-328	0	0		0	\$ 25.91	\$ -	
		NQ Footage 328-656	0	0		0	\$ 27.44	\$ -	
		NQ Footage 656-984	0	0		0	\$ 28.96	\$ -	
		NQ Footage 984-1312	0	0		0	\$ 30.49	\$ -	

Bad weather day
8 X 5 = 40 hrs standby

move/set up charges

stand-by due to bad weather
8 hrs x 5 men

stand-by

	NQ Footage 1312-1640	0	0	0	\$ 32.01	\$ -	
	NQ Footage 1641-1968	0	0	0	\$ 33.54	\$ -	
	Casing (reaming)	0	0	0	\$ 4.57	\$ -	
	Standby	0	40	40	\$ 60.00	\$ 2,400.00	
						sub-total	\$ 2,400.00
6/11	Drill hours				\$ 130.00	\$ -	
	Man hours			60	\$ 60.00	\$ 3,600.00	
	Casing 0-60	0	0	0	\$ 39.63	\$ -	
	NQ Footage 0-328	0	0	0	\$ 25.91	\$ -	
	NQ Footage 328-656	0	0	0	\$ 27.44	\$ -	
	NQ Footage 656-984	0	0	0	\$ 28.96	\$ -	
	NQ Footage 984-1312	0	0	0	\$ 30.49	\$ -	
	NQ Footage 1312-1640	0	0	0	\$ 32.01	\$ -	
	NQ Footage 1641-1968	0	0	0	\$ 33.54	\$ -	
	Casing (reaming)	0	0	0	\$ 4.57	\$ -	
	Standby	0	0	0	\$ 60.00	\$ -	
						sub-total	\$ 3,600.00
7/11	Drill hours				\$ 130.00	\$ -	
	Man hours			30	\$ 60.00	\$ 1,800.00	
	Casing 0-60	0	0	0	\$ 39.63	\$ -	
	NQ Footage 0-328	0	0	0	\$ 25.91	\$ -	
	NQ Footage 328-656	0	0	0	\$ 27.44	\$ -	
	NQ Footage 656-984	0	0	0	\$ 28.96	\$ -	
	NQ Footage 984-1312	0	0	0	\$ 30.49	\$ -	
	NQ Footage 1312-1640	0	0	0	\$ 32.01	\$ -	
	NQ Footage 1641-1968	0	0	0	\$ 33.54	\$ -	
	Casing (reaming)	0	0	0	\$ 4.57	\$ -	
	Standby	0	0	0	\$ 60.00	\$ -	
						sub-total	\$ 1,800.00
8/11	Drill hours				\$ 130.00	\$ -	
	Man hours			24	\$ 60.00	\$ 1,440.00	
	Casing 0-60	0	0	0	\$ 39.63	\$ -	
	NQ Footage 0-328	0	0	0	\$ 25.91	\$ -	
	NQ Footage 328-656	0	0	0	\$ 27.44	\$ -	
	NQ Footage 656-984	0	0	0	\$ 28.96	\$ -	
	NQ Footage 984-1312	0	0	0	\$ 30.49	\$ -	
	NQ Footage 1312-1640	0	0	0	\$ 32.01	\$ -	
	NQ Footage 1641-1968	0	0	0	\$ 33.54	\$ -	
	Casing (reaming)	0	0	0	\$ 4.57	\$ -	
	Standby	0	0	0	\$ 60.00	\$ -	
						sub-total	\$ 1,440.00
18-21/11	Man Hours			96	\$ 60.00	\$ 5,760.00	\$ 5,760.00
	Boyd and Jason - Oct 18-21, 2011						
	4 days X 12 hours per day X 2 men						
						TOTAL	\$ 24,000.00

CONSUMABLES

MIO-005

Date	Sheet #	Quantity	Price	Description	Amount
Oct 18/11		1	\$ 49.25	Petro Canada	\$ 49.25
Oct 21/11		1	\$ 415.89	Gold Bridge Hotel	\$ 415.89
Oct 20/11		1	\$ 26.19	Valley Hardware	\$ 26.19
Oct 18/11		1	\$ 18.05	Frieda's Pizza	\$ 18.05
Oct 21/11		1	\$ 19.24	A&W Lillooet	\$ 19.24
Oct 19/11		1	\$ 96.00	Petro Canada	\$ 96.00
Sept 28/11		1	\$ 100.00	Burns Lake Chevron	\$ 100.00
Oct 18/11		1	\$ 100.00	Burns Lake Chevron	\$ 100.00
Oct 22/11		1	\$ 100.00	Bon Voyage Esso	\$ 100.00
Oct 21/11		1	\$ 100.00	150 Mile Husky	\$ 100.00
Oct 21/11		1	\$ 148.19	Lexson Esso	\$ 148.19
Oct 18/11		1	\$ 152.02	Petro Canada	\$ 152.02
					\$ -
				Total	\$ 1,324.83

RECEIVED
NOV 10 2011



INVOICE: 11-84
DATE: Oct 7/11

TO: Miocene Metals Ltd.
Suite 310
1281 West Georgia St.
Vancouver, BC
V6E 3J7

FOR: Pad Building Services in Pemberton Area
To Sept 30th,11

Labour

QTY	Date	Activity	DESCRIPTION	Unit Price	AMOUNT
5	Sept 11 - 15	PB	Mike Morrison - Padbuilder	\$550.00	\$2,750.00
				Total Labour	\$2,750.00

Rentals and Charges*

QTY	Date	Activity	DESCRIPTION	Unit Price	AMOUNT
5	Sept 11 - 15	Rental	Truck Days	\$ 90.00	\$450.00
1027	Sept 11 - 15	Mileage	Mileage	\$ 0.75	\$770.25
5	Sept 11 - 15	Rental	Pad Building Kit	\$ 55.00	\$275.00
				Total Rentals and Charges*	\$1,495.25

Expenses*

-	-	-		-	\$ -
				Total Expenses*	\$ -

Expenses Markup

\$ 0 - \$250,000	15%				
				Management Markup	\$0.00
				SUBTOTAL	\$4,245.25
				HST(12%)	\$509.43
				Total	\$4,754.68
				Less Deposit	(\$5,000.00)
				TOTAL Owing	(\$246.32)

APP'D	<i>[Signature]</i>
RECEIVED	
NOV 10 2011	
ACCT.	677-635
JOB#	

