

ITEM 1: TITLE PAGE

**TECHNICAL REPORT: HONEYMOON WEST PROPERTY
GEOCHEMICAL SAMPLING PROGRAM**

SOUTH CENTRAL BC

Prepared for

BLACK MOUNTAIN MINING CORP.

Author

CARL A. VON EINSIEDEL, P.GEO.

Effective Date

MAY 08, 2012

SOW NO:5159793

ITEM 2: TABLE OF CONTENTS

ITEM 1:	TITLE PAGE	1
ITEM 2:	TABLE OF CONTENTS	2
ITEM 3:	SUMMARY	4
ITEM 4:	INTRODUCTION AND TERMS OF REFERENCE	7
ITEM 5:	RELIANCE ON OTHER EXPERTS	7
ITEM 6:	PROPERTY DESCRIPTION AND LOCATION	7
ITEM 7:	ACCESSIBILITY, PHYSIOGRAPHY AND INFRASTRUCTURE	9
ITEM 8:	HISTORY OF EXPLORATION	9
ITEM 9:	GEOLOGICAL SETTING	11
ITEM 10:	DEPOSIT TYPES	12
ITEM 11:	MINERALIZATION	12
ITEM 12:	EXPLORATION WORK COMPLETED AS PER SOW 5159793	14
ITEM 12.1	SOIL GEOCHEMICAL SURVEY	14
ITEM 13:	STATEMENT OF COSTS	16
ITEM 14:	SAMPLING METHOD AND APPROACH	17
ITEM 15:	SAMPLE PREPARATION, ANALYSIS AND SECURITY	17
ITEM 16:	DATA VERIFICATION	17
ITEM 17:	ADJACENT PROPERTIES	17
ITEM 18:	MINERAL PROCESSING AND METALLURGICAL TESTING	17
ITEM 19:	MINERAL RESOURCE AND MINERAL RESERVE ESTIMATE	18
ITEM 20:	OTHER RELEVANT DATA AND INFORMATION	18
ITEM 21:	INTERPRETATION AND CONCLUSIONS	18
ITEM 22:	RECOMMENDATIONS	19
ITEM 23:	SOURCES OF INFORMATION	21
ITEM 24:	CERTIFICATE OF QUALIFIED PERSON	22
TABLE 1:	LIST OF HONEYMOON WEST MINERAL CLAIMS	8

LIST OF FIGURES TO ACCOMPANY THE HONEYMOON WEST REPORT 22

- FIGURE 1: SOUTH CENTRAL BC MAP SHOWING HONEYMOON WEST PROPERTY LOCATION, STAKED AREAS, BC PARKS, LOCAL COMMUNITIES AND ACCESS ROADS (1:250,000 scale)
- FIGURE 2: SOUTH CENTRAL BC MAP SHOWING HONEYMOON WEST PROPERTY LOCATION, LOCATION OF MINFILE PROSPECTS AND REGIONAL GEOLOGY (1:250,000 scale)
- FIGURE 3: HONEYMOON WEST PROPERTY CLAIM LOCATION MAP SHOWING MINERAL TENURE NUMBERS AND LOCATION OF COMPILATION MAP INSET (1:50,000 scale)
- FIGURE 4: HONEYMOON WEST COMPILATION MAP SHOWING HISTORIC AND 2011 SOIL SAMPLE LOCATIONS (SCALE 1:10,000)
- FIGURE 5: HONEYMOON WEST COMPILATION MAP SHOWING HISTORIC AND 2011 SOIL GEOCHEMISTRY (COPPER IN PPM) (SCALE 1:10,000)

LARGE FORMAT FIGURES

- LF-1: COMPILATION MAP SHOWING HISTORIC AND 2011 SOIL SAMPLE LOCATIONS BY SAMPLE ID NUMBER (1:3,000 SCALE)**
- LF-2: COMPILATION GEOCHEMISTRY MAP SHOWING HISTORIC AND 2011 SOIL SAMPLE DATA FOR COPPER (PPM) (1:3,000 SCALE)**

LIST OF APPENDICES (available on request)

- APPENDIX 1: ALS CHEMEX ASSAY CERTIFICATE NO. als va12014638
- APPENDIX 2: ALS CHEMEX ASSAY CERTIFICATE NO. als va12015596

ITEM 1.0: SUMMARY

Black Mountain Mining Corp. holds a 100% interest in 12 contiguous mineral tenures (2,030.3 hectares) covering an irregular shaped block of ground located approximately 15 kilometers south of Clearwater in south central BC. The claims cover two known Prospects identified in the BC Ministry of Mines (BCMÉM) Minfile database including a copper occurrence referred to as the McCarthy PROSPECT (Minfile No.092P 187) and a gold occurrence referred to as the HONEYMOON PROSPECT (Minfile No.092P 174). The property was acquired for re-imburement of staking costs and claim maintenance expenses totalling \$11,422.57.

The property is located in the Adams Plateau – Clearwater exploration area. Regional geological maps published by the BC Ministry of Energy and Mines (BCMÉM) show that the claim area covers a north to northwest trending package of Fennell Formation (Slide Mountain Terrane) volcanic and sedimentary rocks cut by a series of complex thrust faults. According to the BCMÉM the Fennell formation hosts 23 known Minfile occurrences consisting of Cypress-type massive sulphide Cu (Zn) mineralization, Noranda/Kuroko-type massive sulphide Cu-Pb-Zn mineralization, and Ag-Pb-Zn+/-Au vein mineralization. The most important Prospects in the vicinity of the Honeymoon West Property include the Chu Chua copper deposit located approximately 17 kilometres to the south of the Property, the former producing Windpass Mine located approximately 10 kilometres to the south of the Property and the Jake Prospect located approximately 10 kilometres to the northwest of the Property.

The Chu Chua copper deposit was initially discovered by soil geochemical surveys in 1977 and was optioned to Craigmont mines in 1978. Drilling in 1978 and 1979 outlined indicated reserves of 2 million tonnes grading 2 per cent copper, 0.4 per cent zinc, 0.1 per cent cobalt, 8 grams per tonne silver and 0.4 g/t gold (Paper 1987-2) within basaltic rocks of the Fennel Formation. Open-pit reserves at Chu Chua are estimated at 1,043,165 tonnes grading 2.98 per cent copper, 0.3 per cent zinc, 0.54 gram per tonne gold and 10.2 grams/tonne silver (Canadian Mines Handbook 1992-93, page 203). The reader is cautioned the resource estimate for the Chu Chua is historical in nature and that there is no assurance that mineralization similar to the Chu Chua deposit will be identified on the Honeymoon West Property which is the subject of this report. The information concerning the Chu Chua copper deposit is included solely to provide the reader with an example of the type of mineralization which may be present on the Honeymoon West Property.

According to BC Minfile records the McCarthy Prospect is located in the western part of the Property and consists of a copper rich massive sulfide occurrence partially explored between 1979 and 1993 by Craigmont Mines, various Prospectors, Barrier Reef Resources and Esso Minerals, Kerr Addison Mines and Teck Exploration. Kerr Addison identified exposed copper mineralization consisting of pyrite – pyrrhotite - chalcopyrite mineralization in Fennel Formation basaltic rocks which became the Main Grid area of the McCarthy Property. Teck Exploration optioned the claim group in 1992 and carried out a program of soil geochemical and magnetometer surveys, geological mapping and trenching.

In 1993, Teck continued the magnetic surveys and trenching to the south of the original showing however overburden thicknesses are highly variable and Teck was unable to trace the strike extensions of the zone. Teck Explorations' interpretation of the available data suggests that an original syngenetic massive sulphide lens has been brecciated by later faulting. There is no published record of follow up drill testing on the McCarthy Prospect.

Teck Exploration concluded that potential may exist along the mineralized horizon outside of the fault zone for additional massive sulphide mineralization. Based on the stratiform classification proposed by Teck Exploration, the presence of elevated copper values in soils within the main grid area that have not been tested by trenching and the reported presence of magnetic anomalies associated with the mineralized zone it is concluded that the McCarthy zone has potential to host mineralization similar to that developed at the Chu Chua deposit located approximately 17 kilometers to the south.

The Honeymoon West Property covers all of the ground explored by Teck Exploration and covers approximately 8 kilometers of potential strike extensions to the north of the McCarthy Prospect. Potential down dip extensions of the zone are also included within the Honeymoon West Property.

The exploration work carried out pursuant to SOW No: 5159793 on the Honeymoon West Property during October and November of 2012 was focused on the McCarthy Prospect area. No work was conducted in the area of the Honeymoon Prospect.

According to Teck Exploration, (1992) the discovery trench at the McCarthy Prospect was sampled; best results were 6.6 metres at 1.1 per cent copper, including 1.0 metre at 2.24 per cent copper and 0.315 gram per tonne gold. During Teck Explorations' option of the property a total of eight trenches were dug along the projected strike of mineralization to the north and south of the main showing covering a strike length of 200 meters. Mapping of the discovery area as well as in the new trenches determined that massive sulphide mineralization occurs as brecciated fragments within a large fault zone. The massive sulphides are locally very copper-rich and enriched in gold. The best results from Teck's trenching program were from Trench C which reportedly intersected an 11.4 meter wide zone with an average copper grade of 1.3%. Trench C is located approximately 60 meters north of discovery area.

This report summarizes the results of a preliminary soil sampling program designed to assess the potential for strike extensions of the known copper rich sulfide mineralization (McCarthy Prospect) and to assess potential for parallel mineralized zones to the east. The exploration work carried out pursuant to SOW 5159793 on the Honeymoon West claim group consisted of a site visit by the report author and collection of 184 soil samples. Samples were submitted to ALS Chemex and results were received after the filing date. Assay and reporting expenses will be recorded for assessment credit on a subsequent filing.

A total of 184 samples were collected. Samples were collected from what appeared to be glacial overburden at depths of between 0.2 and 0.5 meters. The sampling program was conducted using conventional soil augers and trenching tools. Sampling to assess potential strike extensions of the McCarthy Prospect was completed at 25 meter spacing along two, parallel east-west oriented lines spaced 100 meters apart. The test lines were located approximately 100 meters to the north of the area

that was sampled by Teck. Sampling to assess potential for parallel mineralized zones was completed at 25 to 50 meter intervals along a series of logging roads that extend upslope to the east of the McCarthy Prospect.

Field crews were mobilized from Vancouver to the community of Clearwater on Highway 5. Accommodation for field personnel and all required vehicles were provided by contractor Ram Explorations Ltd. All sample analyses were carried out by ALS Chemex Laboratories based in North Vancouver, BC.

The results of the 2011 field program returned strongly anomalous copper values in soils along the two east – west profile lines which were designed to test for strike extensions. Based on these results it is concluded that there is good potential for the discovery of extensions of the McCarthy Prospect. The strongest results, 1125 ppm copper and 1835 ppm copper were from adjoining sample sites and it is recommended that a detailed follow up sampling program be carried out.

This report summarizes available technical data for the known Prospects and outlines a staged exploration to further evaluate the Honeymoon West Property. It is recommended that Black Mountain Mining Corp. complete an initial exploration program (Stage 1) consisting of geological mapping, rock sampling and soil sampling at the McCarthy and Honeymoon Prospects and if warranted, complete a follow-up program (Stage 2) of detailed geological and geochemical surveys, ground geophysics and trenching.

At the McCarthy Prospect the copper mineralization in the discovery area and the trenches excavated by Teck Exploration should be identified and sampled, detailed soil geochemical surveys using deep penetrating augers should be completed in the area of the known mineralization to determine the “geochemical signature” of the mineralized zone. The geochemical anomalies identified by Teck in the Main grid area should be verified and widely spaced east-west oriented lines extending for at least 3 kilometres to the north should be sampled using the deep penetrating augers to determine if potential extensions of the zone can be traced to the north.

BC Minfile records indicate that the Honeymoon Prospect is located in the eastern part of the Honeymoon West Property. According to published technical reports the Honeymoon Prospect consists of two areas (Area 1 and Area 2) which exhibit north trending quartz veins containing chalcopyrite, pyrite, galena, sphalerite, some bornite and locally coarse gold. The best results were reported from the veins identified in Area 2. The mineralized veins in Area 2 were identified by Prospecting as part of an exploration program carried out in 1988 by Kerr Addison Mines to explore for potential extensions of the Windpass Mine located approximately five kilometres to the south. At the Honeymoon Prospect the vein zones sampled by Kerr Addison Mines should be located and several east-west oriented soil survey lines should be completed across the overburden covered area within the Honeymoon West Property to test for north extensions of the veins.

The cost of an initial program of geological work and sampling (Stage 1) on the McCarthy Prospect and the Honeymoon Prospect is estimated at \$54,000 and the cost of a systematic follow up program (Stage 2), if warranted, is estimated at \$220,000.

ITEM 4: INTRODUCTION AND TERMS OF REFERENCE

The author was retained by the Board of Directors of Black Mountain Mining Corp. to review available technical reports related to the Honeymoon West Property, and if warranted, to recommend a follow-up exploration program. The author visited the Honeymoon West Property on November 25, 2009.

The available technical reports related to the Honeymoon West Property include assessment reports detailing the exploration work carried out within the current claims which comprise the Honeymoon West Property by Craigmont Mines in 1979, by Barrier Reef Resources and Esso Resources in 1983, by Kerr Addison Mines in 1988 and by Teck Exploration in 1992 and 1993.

ITEM 5: RELIANCE ON OTHER EXPERTS

The author has prepared this report based on information which is believed to be accurate but which is not guaranteed. The available technical data for the Honeymoon West Property consists of regional geological and airborne geophysical information compiled by the BC Ministry of Energy and Mines and documentation regarding field investigations completed within the claim area by various previous workers including Craigmont Mines in 1979, Barrier Reef Resources and Esso Resources in 1983, Kerr Addison Mines in 1988 and Teck Exploration in 1992 and 1993. Sources are listed in the References section of this report and are cited where appropriate in the body of this report. The reports listed in the References section of this report appear to have been completed by competent professionals without any misleading or promotional intent.

To the best of the author's knowledge at the time of writing of this report, the Honeymoon West Property is free of any liens or pending legal actions and is not subject to any underlying royalties, back-in rights, payments or other encumbrances.

To the best of the author's knowledge, there are no known existing environmental liabilities to which the property is subject, other than the requirement to mitigate any environmental impact on the claims that may arise in the course of normal exploration work and the requirement to remove any camps constructed on the Honeymoon West Property or any equipment used in exploration of the claims in the event that exploration work is terminated.

ITEM 6: PROPERTY DESCRIPTION AND LOCATION

Black Mountain Mining Corp. holds a 100% interest in 12 contiguous mineral tenures (2,030.3 hectares) covering an irregular shaped block of ground located approximately 15 kilometers south of Clearwater in south central BC. The property was acquired for re-imbusement of staking costs and expenses and claim maintenance expenses totalling \$11,422.57. The centre of the property is at approximately UTM Zone 10 (NAD 83) at approximately 5713400m North and 702000m East.

All of the claims which comprise the Honeymoon West Property were staked pursuant to the BC Ministry of Energy and Mines MTO system (Mineral Titles Online System). The earliest expiry date of the claim package is August 01, 2010. Title to the claims is maintained through the performance of annual assessment filings and payment of required fees. For the first three years a minimum of \$4.00 per hectare in eligible exploration expenditures must be incurred. In subsequent years a total of \$8.00 per hectare in eligible exploration expenses must be incurred.

To the best of the author’s knowledge, government permits will be required to carry out the proposed Stage II exploration program and for any follow up diamond drilling program recommended after completion of this program. These programs will require application to the Ministry of Energy and Mines for permits and the Issuer may be required to post security equivalent to the estimated costs of any reclamation work which will be required after completion of the proposed exploration work.

To the best of the author’s knowledge approval from local First Nations communities may also be required to carry out the proposed Stage 2 exploration program. The reader is cautioned that there is no guarantee that the Issuer will be able to obtain approval from local First Nations. However, the author is not aware of any problems encountered by other junior mining companies in obtaining approval to carry out similar programs in nearby areas nor is the author aware of any instances where local First Nations communities have objected to exploration work in the general project area.

To the best of the author’s knowledge, none of the claims which comprise the Honeymoon West Property have surface rights. In the event that a significant mineralized zone is identified detailed environmental impact studies will need to be completed prior to initiation of any advanced exploration or mining activities. The reader is cautioned that there is no guarantee that areas for potential mine waste disposal, heap leach pads, or areas for processing plants will be available within the property.

Table 1. List of Mineral Claims

Tenure Number	Owner	Tenure Type	Good To Date	Status	Area (ha)
570108	232802 (100%)	Mineral	2012/DEC/30	GOOD	20.11
570109	232802 (100%)	Mineral	2012/DEC/30	GOOD	20.11
570139	232802 (100%)	Mineral	2012/DEC/30	GOOD	60.32
570147	232802 (100%)	Mineral	2012/DEC/30	GOOD	20.11
593178	232802 (100%)	Mineral	2012/DEC/30	GOOD	160.89
593626	232802 (100%)	Mineral	2012/DEC/30	GOOD	100.56
680643	232802 (100%)	Mineral	2012/DEC/30	GOOD	482.47
690363	232802 (100%)	Mineral	2012/DEC/30	GOOD	180.99
690364	232802 (100%)	Mineral	2012/DEC/30	GOOD	261.37
690365	232802 (100%)	Mineral	2012/DEC/30	GOOD	421.97
690383	232802 (100%)	Mineral	2012/DEC/30	GOOD	220.96
703843	232802 (100%)	Mineral	2012/DEC/30	GOOD	80.44
Total Area					2030.29

ITEM 7: ACCESSIBILITY, PHYSIOGRAPHY AND INFRASTRUCTURE

Access to the property is by Provincial Highway 5, 110 kilometres north from Kamloops, along the north Thompson River to Clearwater. From Clearwater the west side of the property can be accessed by a road on the eastside of the Thompson River heading south along the Dunn Lake FSR. Approximately 12 kilometers south of Clearwater (UTM 5716600N and 699000E) there is a well maintained gravel road heading east to a radio tower near Axel Lake that passes through the McCarthy zone.

Climate in the Clearwater area is typical of the Shushwap Highlands. Climates here range from sub-alpine in the mountains to a semi-arid, more temperate, continental climate. Summer is normally warm and dry and winter is moderate to very cold and dry.

Infrastructure in the general vicinity of the subject property is considered excellent. There are existing roads that can be used to access the McCarthy Prospect. The best access to the Honeymoon Prospect area is via helicopter to the helicopter landing sites utilized by Kerr Addison Mines in 1988.

ITEM 8: HISTORY OF EXPLORATION

The Honeymoon West Project is located within the Adams Plateau – Clearwater exploration area. Exploration on the Honeymoon Claim Groups dates back to 1979. There are two known mineral occurrences on the property referred to as the McCarthy and the Honeymoon Prospects (see figure 1-3). The exploration history for each of these occurrences is discussed below.

Exploration in the McCarthy area began with the 1979 Craigmont Mines airborne electromagnetic, magnetic and resistivity surveys (Fraser and Dvorak, 1979). This EM survey covered the subject property and an extensive tract of ground to the east and south of the subject property and identified a significant north trending EM conductor within the subject property. In 1982, Esso Resources and Barrier Reef Resources carried out a Prospecting and soil geochemical survey covering EM anomaly identified within the claim area by the Craigmont Mine airborne geophysical survey (Everett, 1983).

The 1982, Esso Resources Canada geochemical survey comprised of 223 samples (Everett, 1983). A number of erratically distributed anomalies were identified during Esso Resources Canada 1982 soil geochemical survey. According to Everett (1983) soil geochemistry might have been affected by the deep overburden. Overburden depths are reported to be from 1 to 50 meters. According to the soil geochemical map produced by Everett (1983) the strongest geochemical response occurs just south of the switch back on the road to the microwave tower.

In 1988, Kerr Addison Mines acquired the McCarthy and the Honeymoon Prospect area by staking. According to Whalen et al. (1988) the impetus for staking this area was the geological similarities between the staked ground and the Windpass mine located south of their staked claim group. Kerr Addison Mines carried out an exploration program focussed on locating Windpass-type veins and to

sample veins, gossans and outcrops with visible mineralization. It was during this exploration effort in which the original McCarthy occurrence was found. The discovery was described by Whalen et al. (1988) as a shear zone mineralized with pyrite-pyrrhotite-chalcopyrite. According to Whalen et al. (1988) about 4 metres of the shear zone was exposed along an old skid road on a ridge but both sides of the shear were under deeper overburden. They also noted that along strike this material has been picked up in outcrop and frost heaved fragments for 100 - 150 metres.

In 1992, Teck Corporation optioned the McCarthy Claims. The purpose of Teck's exploration program in 1992 was to better define and extent of the mineralization exposed at the discovery zone. Teck attempted to delineate the zone by carrying out grid-based geological mapping, a ground magnetic survey, a geochemical soil survey and, trenching. The ground magnetic survey completed by Teck was a detailed survey with readings taken every 12.5 meter and a line spacing of 50m. A total of 8.4 linear kilometres was surveyed by Teck. The survey covered 2 areas; a north grid that is centered on the exposed mineralization identified by Kerr Addison and a south grid centered on the geochemical anomalous area found by Esso Resources Canada in 1982 (see figure 6). Both survey areas registered magnetic anomalies associated with known mineralization. According to Teck detailed ground magnetic surveys can identify mineralization in the McCarthy area, however, due to the erratic distribution of mineralization the magnetic surveys produce a complex signature.

The trenching program completed by Teck Exploration was based primarily on the geophysical signatures associated with the known bedrock mineralization and not on the soil geochemical survey. According to Farmer (1992), four trenches were dug along the projected strike of mineralization to the north and south of the main showing. Mineralization was observed in three out of four of these trenches. The best results from Teck's trenching program were from Trench C which resulted in a 11.4m wide zone averaging 1.3% Cu. Trench C is located approximately 60 meters north of the original discovery. The original discovery trench was also sampled results were 6.6 metres at 1.1 per cent copper.

The soil geochemical survey consisted of 352 samples, covering both north and south grids. Samples were taken at 25m intervals along the same 50m spaced lines. According to Farmer (1992) the anomalous geochemical signatures from the soil survey are not associated with known mineralization (Kerr Addison and Martin Peters occurrences). Farmer (1992) claims, that the lack of correlation between soil anomalies and known bedrock mineralization is likely resulting from the glacial outwash nature of the soil. Anomalous thresholds determined from a statistical inspection of the soil geochemical values indicate that copper values ranging from 105 to 155 ppm can be considered anomalous and that copper in soil values above 155 ppm can be considered strongly anomalous. Figure 6 and 8 show the location of the anomalous sample sites.

There are 5 assessment reports on the ARIS database recording exploration work carried out in the Honeymoon West Property area. The technical reports that document each of these exploration programs is listed in the References section.

ITEM 9: GEOLOGICAL SETTING

The Honeymoon Project is situated within the Adams Plateau - Clearwater Exploration area which lies near the southern end of the Omineca Crystalline Belt, one of the five morphological belts of the Canadian Cordillera. The Omineca belt refers to variably deformed and metamorphosed rocks of continental affinity, that are exposed east of Mesozoic arc and back-arc sequences (i.e., Intermontane belt) and west of deformed Paleozoic continental margin sedimentary rocks (i.e., Foreland belt).

The Adams Plateau – Clearwater Exploration area includes the Fennel Formation of the Slide Mountain Terrane and the Eagle Bay assemblage of the Kootenay Terrane.

Eagle Bay Assemblage

The Eagle Bay assemblage, as described by Schiarizza and Preto (1987), consists of deformed and metamorphosed (greenschist to lower amphibolite facies) Lower Cambrian to Mississippian sedimentary and volcanic rocks. They are intruded by Upper Devonian-Lower Mississippian foliated granite to diorite sills and dikes and by Middle to Upper Jurassic and Cretaceous hornblende-biotite granite to granodiorite, biotite-muscovite granite and biotite monzogranite of the Raft and Baldy batholiths; and they are overlain by Eocene volcanic rocks of the Kamloops Group.

Fennel Formation

The Fennel Formation, as by Schiarizza and Preto (1987) and Schiarizza (1989) divided it into lower and upper structural divisions. The lower structural division consists of a heterogeneous assemblage of bedded chert, gabbro, diabase, pillow basalt, clastic sedimentary rocks, and rare quartz-feldspar-phyric rhyolite and conglomerate. The upper structural division comprises primarily pillowed and massive basalts with minor amounts of bedded chert and gabbro.

The Honeymoon Project lies entirely within the Fennel Formation, which is sandwiched between the Quesnelia Terrane, part of the Intermontane Belt, to the west and the Kootenay Terrane to the east (Figure 4).

The Honeymoon Project straddles the lower and upper structural divisions of the Fennel Formation. The basalts, of the upper division, are aphanitic to fine-grained medium to dark grey or green in colour, and rarely display a tectonic foliation. Microscopically, they consist of relict clinopyroxene and plagioclase variably altered to an assemblage of chlorite, actinolite, epidote, leucoxene, titanite, and minor carbonates and quartz (Schiarizza and Preto, 1987). The diabase and gabbro, of the lower division, are coarser grained than the volcanic rocks, but they have the same composition. Un-pillowed and pillowed basalt flows of the upper structural division host the stratabound Chu Chua Cu-Zn-Au-Ag sulphide deposit (Paradis et al. 2006).

ITEM 10: DEPOSIT TYPES

The property is located in the Adams Plateau – Clearwater exploration area. Regional geological maps published by the BC Ministry of Energy and Mines (BCMÉM) show that the claim area covers a north to northwest trending package of Fennell Formation (Slide Mountain Terrane) volcanic and sedimentary rocks cut by a series of complex thrust faults. According to the BCMÉM the Fennell formation hosts 23 known Minfile occurrences consisting of Cypress-type massive sulphide Cu (Zn) mineralization, Noranda/Kuroko-type massive sulphide Cu-Pb-Zn mineralization, and Ag-Pb-Zn+/-Au vein mineralization. The most important Prospects in the project area include the Chu Chua copper deposit located approximately 17 kilometres to the south of the Property, the former producing Windpass Mine located approximately 10 kilometres to the south of the Property and the Jake Prospect located approximately 10 kilometres to the northwest of the Property.

The Chu Chua copper deposit was initially discovered by soil geochemical surveys in 1977 and was optioned to Craigmont mines in 1978. Drilling in 1978 and 1979 outlined indicated reserves of 2 million tonnes grading 2 per cent copper, 0.4 per cent zinc, 0.1 per cent cobalt, 8 grams per tonne silver and 0.4 g/t gold (Paper 1987-2) within basaltic rocks of the Fennel Formation. Open-pit reserves at Chu Chua are 1,043,165 tonnes grading 2.98 per cent copper, 0.3 per cent zinc, 0.54 gram per tonne gold and 10.2 grams/tonne silver (Canadian Mines Handbook 1992-93, page 203). The reader is cautioned that there is no assurance that mineralization similar to the Chu Chua deposit will be identified on the Honeymoon West Property which is the subject of this report.

ITEM 11: MINERALIZATION

McCarthy Prospect

The McCarthy Prospect is located in the western part of the Property and consists of a copper rich massive sulfide occurrence partially explored between 1979 and 1993 by Craigmont Mines, various Prospectors, Kerr Addison Mines Barrier Reef Resources, Esso Minerals and Teck Exploration. The discovery area which consists of exposed, pyrite-pyrrhotite-chalcopyrite mineralization in Fennel Formation basaltic rocks became the Main Grid area of the McCarthy Property. Teck Exploration optioned the claim group in 1992 and carried out a program of magnetometer, soil and geological mapping surveys, and trenching. According to Teck Exploration, (1992) the discovery trench was sampled; best results were 6.6 metres at 1.1 per cent copper, including 1.0 metre at 2.24 per cent copper and 0.315 gram per tonne gold.

According to Teck Exploration (1992), a grab sample of the massive sulphide mineralization from Trench C, located 60 meters north of the original showing, assayed 9.35 per cent copper and 0.411 gram per tonne gold. During Teck Explorations' option of the property a total of eight trenches were dug along the projected strike of mineralization to the north and south of the main showing covering a strike length of 200 meters. Mapping of the discovery area as well as in the new trenches determined that massive sulphide mineralization occurs as brecciated fragments within a large fault zone. The massive sulphides are locally very copper-rich and enriched in gold. The best results from Teck's trenching

program were from Trench C which reportedly intersected an 11.4 meter wide zone with an average copper grade of 1.3%. Trench C is located approximately 60 meters north of the original discovery area. Teck Explorations' interpretation of the available data suggests that an original syngenetic massive sulphide lens has been brecciated by later faulting.

In 1993, Teck continued the magnetic surveys and trenching to the south of the original showing however overburden thicknesses are highly variable and Teck was unable to trace the strike extensions of the zone. There is no record of follow up drill testing on the McCarthy Prospect.

Teck Exploration concluded that potential may exist along the mineralized horizon outside of the fault zone for additional massive sulphide mineralization. Based on the stratiform classification proposed by Teck Exploration, the presence of elevated copper values in soils within the main grid area that have not been tested by trenching and the reported presence of magnetic anomalies associated with the mineralized zone it is concluded that the McCarthy zone has potential to host mineralization similar to that developed at the CHU CHUA deposit located approximately 17 kilometers to the south.

The Honeymoon West Property covers all of the ground explored by Teck Exploration and covers approximately 8 kilometers of potential strike extensions to the north of the McCarthy Prospect. Potential down dip extensions of the zone are also included within the Honeymoon West Property.

Honeymoon Prospect

BC Minfile records indicate that the Honeymoon Prospect is located in the eastern part of the Honeymoon West Property. According to published technical reports the Honeymoon Prospect consists of two areas (Area 1 and Area 2) which exhibit north trending quartz veins containing chalcopyrite, pyrite, galena, sphalerite, some bornite and locally coarse gold. The best results were reported from the veins identified in Area 2. The mineralized veins in Area 2 were identified by prospecting as part of an exploration program carried out in 1988 by Kerr Addison Mines to explore for potential extensions of the Windpass Mine located approximately five kilometres to the south.

According to published technical reports Kerr Addison Mines collected 28 rock samples from a series of vein outcrops referred to as "Area 2" which are actually located within the boundaries of the Dunn Peak Park immediately south of the southern boundary of the Honeymoon West Property. Several of the rock samples returned anomalous gold and base metal values including gold values of up to 2.9 g/ton. No other exploration work is known to have been carried out on the Honeymoon Prospect. The Honeymoon West Property includes a large overburden covered area (comprising approximately 2 square kilometres) that covers potential extensions of the mineralized veins identified in "Area 2".

The former Windpass Mine reportedly covers a series of narrow, north trending veins which were developed between 1934 and 1939. A total of 93,455 tonnes of ore were produced yielding 1,071,684 grams of gold, 53,469 grams of silver and 78,906 kilograms of copper. The Jake Prospect, located approximately 15 kilometres to the northwest of the Property reportedly identified mineralization

similar to the mineralization developed at the Windpass Mine. Rimfire Minerals (Kiska Metals) and Island Arc Resources reportedly tested co-incident soil geochemical anomalies and geophysical anomalies and intersected surface trenching values of 7.70 g/t gold and drill intersections of up 11.3 g/t gold over 1.25 meters.

The reader is cautioned that there is no assurance that mineralization similar to the Windpass Mine or the Jake Prospect will be identified on the Honeymoon West Property which is the subject of this report. The information concerning the former Windpass Mine and the Jake Prospect is included solely to provide the reader with an example of the type of mineralization which may be present on the property.

ITEM 12: EXPLORATION WORK COMPLETED AS PER SOW 5159793

The exploration work carried out pursuant to 5159793 on the Honeymoon West claim group consisted of a site visit by the report author and collection of 184 soil samples. Samples were submitted to ALS Chemex and assay results were received after the filing date. Previous recent work on the project included a verification sampling program and compiling a GIS database for the McCarthy and Honeymoon areas including digitizing the UTM locations of the geochemical samples collected by Barrier Reef Resources and Esso Resources, Kerr Addison Mines and Teck Exploration and entering the geochemical data for zinc, lead, copper, silver and gold into an xls database.

Appendix 1 and Appendix 2 include the assay certificates from ALS Chemex. Appendix 3 is an xls file that includes the UTM co-ordinates for each sample as well as the multi-element data from ALS Chemex.

ITEM 12.1 2011 SOIL GEOCHEMICAL SURVEY

The objectives of the current survey were to utilize soil geochemical surveys to assess potential for strike extensions of the known copper rich sulfide mineralization (McCarthy Prospect) and to assess potential for parallel mineralized zones to the east.

A total of 184 samples were collected. Samples were collected from what appeared to be glacial overburden at depths of between 0.2 and 0.5 meters.

The results of the 2011 field program returned strongly anomalous copper values in soils along the two east – west profile lines which were designed to test for strike extensions. No significant results were returned from the samples collected along existing logging roads to the east of the McCarthy Prospect.

Based on these results it is concluded that there is good potential for the discovery of extensions of the McCarthy Prospect. The strongest results, 1125 ppm copper and 1835 ppm copper were from adjoining sample sites and it is recommended that a detailed follow up sampling program be carried out.

The locations of the samples collected in 2011 are shown in figure 4. Figure 5 shows geochemical assay data for copper. The base maps are 1:5,000 scale topographic maps based on the TRIM maps available from the BC Government. Large format figure LF-1 shows the individual sample locations and sample id numbers. Large format figure LF-2 shows historic and 2011 assay data for copper (ppm).

The sampling program was conducted using conventional soil augers and trenching tools. Sampling to assess potential strike extensions of the McCarthy Prospect was completed at 25 meter spacing along two, parallel east-west oriented lines spaced 100 meters apart. The test lines were located approximately 100 meters to the north of the area that was sampled by Teck. Sampling to assess potential for parallel mineralized zones was completed at 25 to 50 meter intervals along a series of logging roads that extend upslope to the east of the McCarthy Prospect.

Field crews were mobilized from Vancouver to the community of Clearwater on Highway 5. Accommodation for field personnel and all required vehicles were provided by contractor Ram Explorations Ltd. All analyses were carried out by ALS Chemex Laboratories in North Vancouver, BC.

Appendix 1 and Appendix 2 include the assay certificates from ALS Chemex. Appendix 3 is an xls file that includes the UTM co-ordinates for each sample as well as the multi-element data from ALS Chemex.

ITEM 13: STATEMENT OF COSTS

**Field operations and collection of soil samples completed November 01 to November 03, 2011.
Recorded pursuant to SOW 5159793.**

Project design, mobilization and site visit	
C. von Einsiedel - 2 days @ \$900	\$ 1,800.00
Crew travel expenses and fuel	\$ 1,318.64
Field Personnel	
Mark Roden – 3 days @ \$460	\$ 1,380.00
Andrew Rennie – 3 days @ \$316.25	\$ 948.75
Vehicle rentals	
2005 F250 4x4 (Super Duty) equipped for off road – 3 days @ \$135	\$ 405.00
2002 Motorhome for field operations / First Aid– 3 days @ \$145	\$ 435.00
2007 Ranger 4x4 pickup – 2 days @ \$95	\$ 190.00
Vehicle mileage charges:	\$ 705.25
Field Expenses and equipment rentals	
Soil sample bags and sample records	\$ 118.00
Soil auger rentals (2 units) – 3 days @ \$25 ea.	\$ 150.00
GPS, FM radio, misc. field equipment	\$ 275.00
Consumable field expenses and meals etc.	\$ 977.36
GIS data compilation and preparation of field mapping	
GIS mapping charges – 4 hours base mapping @ \$85 per hour	<u>\$ 340.00</u>
Total expenditures claimed for assessment credit per SOW 5159793	\$ 9,043.00

Laboratory analysis and technical reporting completed subsequent to December 29, 2011.

ALS Chemex Invoice No: 2515990	\$ 806.05
ALS Chemex Invoice No: 2515990	\$ 1,726.35
GIS and preparation of technical mapping: 20 hours @ \$85	\$ 1,700.00
Preparation of Technical Report: 20 hours @ \$120 / hr	<u>\$ 2,400.00</u>
Total Expenditures to be claimed on subsequent assessment filing:	\$ 6,632.40

ITEM 14: SAMPLING METHOD AND APPROACH

As noted in Section 12 the objectives of the current survey were to utilize soil geochemical surveys to assess potential for strike extensions of the known copper rich sulfide mineralization (McCarthy Prospect) and to assess potential for parallel mineralized zones to the east.

ITEM 15: SAMPLE PREPARATION, ANALYSIS AND SECURITY

The -80 micrometer mesh sieved fraction of the soil samples was dissolved in an aqua regia solution (3:1 mixture of hydrochloric and nitric acid) and analyzed for the series of elements listed in the ACME assay reports. The Elements analyzed for and the detection limits are listed in the assay reports. ALS Chemex employs standard QA and QC protocols on all sample analyses including inserting one blank, reference standard and duplicate analysis in every twenty samples analyzed. No additional QA and QC procedures were implemented as part of the program. Sample Certificates from the 2011 exploration program are included in Appendix 2. In the authors opinion the sample security employed by the field personnel involved in the sample collection and the sample preparation and analytical procedures employed by ALS Chemex are adequate for the exploration program carried out on the Honeymoon West Property.

The published technical reports which detail previous exploration work on the Honeymoon West Property indicate that standard QA and QC procedures were implemented by the laboratories that analyzed the samples and that the variability of all reported analyses are within acceptable industry standards.

ITEM 16: DATA VERIFICATION

The copper in soil geochemical anomalies identified by the geochemical survey completed by Teck Exploration in the McCarthy Prospect area was verified in a previous survey. Delineating the strike extensions of the McCarthy Zone will form an important component of the proposed Exploration Program.

ITEM 17: ADJACENT PROPERTIES

There are no significant adjacent properties adjoining the Honeymoon West Property.

ITEM 18: MINERAL PROCESSING AND METALLURGICAL TESTING

There is no mineral processing or metallurgical testing data available from the Honeymoon West Property.

ITEM 19: MINERAL RESOURCE AND MINERAL RESERVE ESTIMATE

There is no mineral resource compliant with CIM Standards on Mineral Resources and Reserves (CIM, 2000) and therefore no NI 43-101 compliant resource for the Honeymoon West Property

ITEM 20: OTHER RELEVANT DATA AND INFORMATION

There is no other relevant data or information concerning the Honeymoon West Property.

ITEM 21: INTERPRETATION AND CONCLUSIONS

Geological maps available online from the Province of British Columbia confirm that the Honeymoon West Property is underlain by the Fennel Formation volcanic and sedimentary rocks. This is the same geological setting that hosts the Chu Chua copper deposit.

Teck Exploration concluded, based on historic soil geochemical data that potential for additional massive sulphide copper mineralization may exist to the north and east of the McCarthy Prospect. Based on the stratiform classification proposed by Teck Exploration, the presence of elevated copper values in soils within the main grid area that have not been tested by trenching and the reported presence of magnetic anomalies associated with the mineralized zone it is concluded that the McCarthy zone has potential to host mineralization similar to that developed at the CHU CHUA deposit located approximately 17 kilometers to the south.

The Honeymoon West Property covers all of the ground explored by Teck Exploration and covers approximately 8 kilometers of potential strike extensions to the north of the McCarthy Prospect. Potential down dip extensions of the zone are also included within the Honeymoon West Property.

Results of the 2011 soil geochemistry program have confirmed the potential for extensions of the copper mineralization identified at the McCarthy Prospect and additional exploration work appears to be warranted.

ITEM 22: RECOMMENDATIONS

Based on the results reported by Teck for the McCarthy Prospect and based on the results of the geochemical survey completed in 2011 it is recommended that the Black Mountain Mining Corp. complete a new geochemical survey of the McCarthy Prospect area using a maximum line spacing of 25 meters in the vicinity of the previous trenching and wide spaced lines (100 to 200 meters) for a minimum of 2 to 3 kilometers along the projected strike of the known mineralized area. A vertical soil profile geochemical analysis and deep auger based soil surveys are recommended in this area. In addition it is recommended that Black Mountain Mining Corp. confirm the results reported by Kerr Addison Mines in the Honeymoon Prospect area (referred to as Area 2).

At the McCarthy Prospect the copper mineralization exposed in the discovery area and the trenches excavated by Teck Exploration should be identified and sampled, detailed soil geochemical surveys using deep penetrating augers should be completed in the area of the known mineralization to determine the “geochemical signature” of the mineralized zone. The geochemical anomalies identified by Teck in the Main grid area should be verified and widely spaced east-west oriented lines extending for at least 3 kilometres to the north should be sampled using the deep penetrating augers to determine if potential extensions of the zone can be traced to the north.

For the McCarthy Prospect soil geochemistry program the survey area is estimated at 3.0 square kilometers. Using a sample density of 100 samples per square kilometer (equivalent to 50 meter spaced samples along 200 meter spaced lines) a total of approximately 300 additional soil samples will be required to determine if potential strike extensions exist. This survey area can be easily accessed by the existing access road.

At the Honeymoon Prospect the vein zones sampled by Kerr Addison Mines should be located and several east-west oriented soil survey lines should be completed across the overburden covered area within the Honeymoon West Property to test for north extensions of the veins.

For the Honeymoon Prospect soil geochemistry program the survey area is estimated at 1.5 square kilometers. Using a sample density of 100 samples per square kilometer (equivalent to 50 meter spaced samples along 200 meter spaced lines) a total of approximately 150 additional soil samples will be required to determine if potential strike extensions of the vein zones identified by Kerr Addison are present within the Honeymoon west Property. This area should be accessed via helicopter.

The cost of an initial program of geological work and sampling (Stage 1) is estimated at \$54,000 and the cost of a systematic follow up program (Stage 2), if warranted, is estimated at \$220,000.

Proposed Stage 1 Exploration Program

Engineering and project supervision, reports	\$ 7,500
Field costs, vehicle rentals accommodation	7,500
McCarthy Prospect	
-compilation of airborne and ground magnetic data	5,000
-soil sample collection for 300 samples	10,000
-soil sample assays	6,000
Honeymoon Prospect	
-provision for helicopter support	5,000
-soil sample collection for 150 samples	5,000
-soil sample assays	3,000
Contingency @ 10%	5,000
	<hr/>
Total estimated cost of Stage 1	\$ 54,000

Proposed Stage 2 Exploration Program

Engineering and project supervision, reports	\$ 25,000
Field costs, vehicle rentals accommodation	20,000
Geological mapping, supervision of trenching program	25,000
McCarthy Prospect	
-allowance for ground magnetic survey	25,000
-soil sample collection for 600 samples	20,000
-soil sample assays	10,000
-trenching allowance	50,000
Honeymoon Prospect	
-provision for helicopter support	10,000
-soil sample collection for 300 samples	10,000
-soil sample assays	5,000
Contingency @ 10%	20,000
	<hr/>
Total estimated cost of Stage 2	\$220,000

ITEM 23: SOURCES OF INFORMATION

Everett, C.C., 1983. Geological and geochemical report on Foggy F group. ARIS: 11968

Farmer, R. 1992. Assessment report geology, geochemistry, geophysics and trenching on the McCarthy property. Teck Exploration. ARIS: 22686

Farmer, R. 1993. Assessment report geophysics and trenching on the McCarthy property. Teck Exploration. ARIS: 22916

Fraser, D.C., Dvorak, Z., 1979. Airborne geophysical report. ARIS:7659

Logan, J.M. and Mann, R.K., 2000, Geology and mineralization in the Adams-East Barriere lakes area, south-central British Columbia, 82M/04: British Columbia Ministry of Energy and Mines, Open File 2000-7, 1:100,000.

Paradis, S., Bailey, S.L., Creaser, R.A., Piercey, S.J. and Schiarizza, P., 2006, Paleozoic magmatism and syngenetic massive sulphide deposits of the Eagle Bay assemblage, Kootenay terrane, southern British Columbia, in Colpron, M. and Nelson, J.L., eds., Paleozoic Evolution and Metallogeny of Pericratonic Terranes at the Ancient Pacific Margin of North America, Canadian and Alaskan Cordillera: Geological Association of Canada, Special Paper 45, p. 383-414.

Press Release 08-06: Rimfire Minerals, March 19, 2008. Jake Project Drilling Results.

Schiarizza, P. and Preto, V.A., 1987, Geology of the Adams Plateau-Clearwater-Vavenby area: B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1987-2, 88 p.

Schiarizza, P., 1989, Structural and stratigraphic relationships between the Fennell Formation and Eagle Bay assemblage, western Omenica belt, south-central British Columbia: Implications for Paleozoic tectonics along the paleocontinental margin of western North America: M.Sc. thesis, University of Calgary, Calgary, Alberta, 343 p.

Whalen, D., Angus, S., Daley, F., 1988. Assessment report on a Prospecting program covering the Honeymoon 1-16 claims. ARIS: 18582

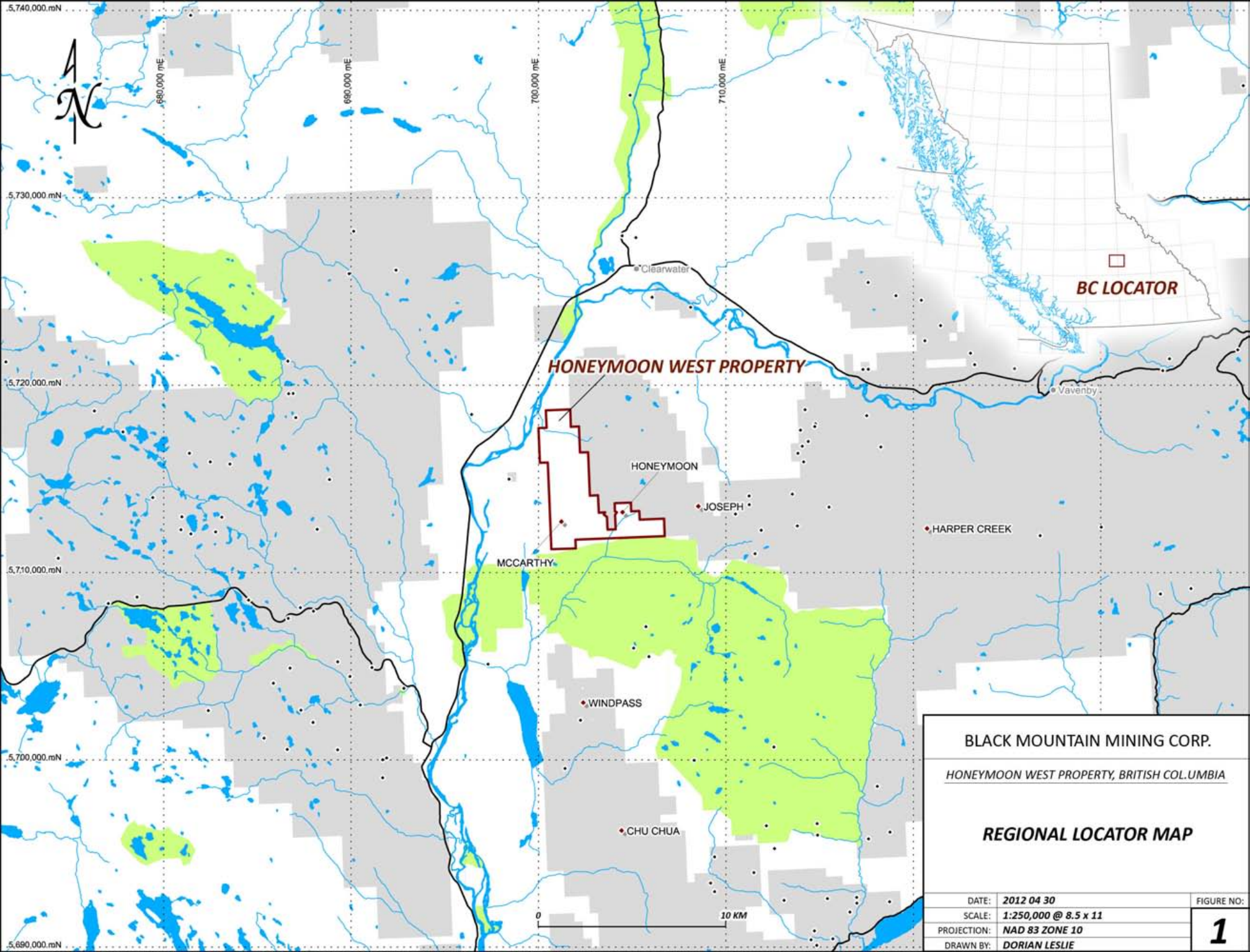
ITEM 24: CERTIFICATE OF QUALIFIED PERSON

I, Carl von Einsiedel, 8888 Shook Rd., Mission, British Columbia, V2V-7N1, hereby certify that:

1. I am a consulting geologist with an office at 3206-610 Granville St, Vancouver, BC, V6C 3T3
2. This certificate applies to the “Technical Report on the Honeymoon West Property” north western British Columbia dated May 08, 2012 prepared for Black Mountain Mining Corp.,
3. I am a graduate of Carleton University in Ottawa, Ontario, Canada in 1987 with a BSc. in Geology. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia. I have practiced my profession as a geologist throughout the world continuously since 1987.
4. I visited the Honeymoon West Property on November 01, 2011. I personally supervised all of the soil sampling, computer modelling and database compilation for the subject property.
5. In the Independent “Technical Report on the Honeymoon West Property”, I am responsible for all sections of the report.
6. I have read the definition of “qualified person” set out in National Instrument 43-101 and certify that by reason of education, experience, independence and affiliation with a professional association, I meet the requirements of an Independent Qualified Person as defined in National Policy 43-101.
7. I have had no prior involvement with the Property that is the subject of this report.
8. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the Technical Report.
9. I have read National Instrument 43-101, Standards for Disclosure of Mineral Properties. This Technical Report has been prepared in compliance with National Instrument 43-101.
10. As of the date of this certificate, to my the best of my qualified knowledge, information and belief, this technical report contains all the scientific and technical information that is required to be disclosed to make the report not misleading.

Dated at Vancouver, B.C. this 8th day of May, 2012

Carl von Einsiedel, P.Geol.



HONEYMOON WEST PROPERTY

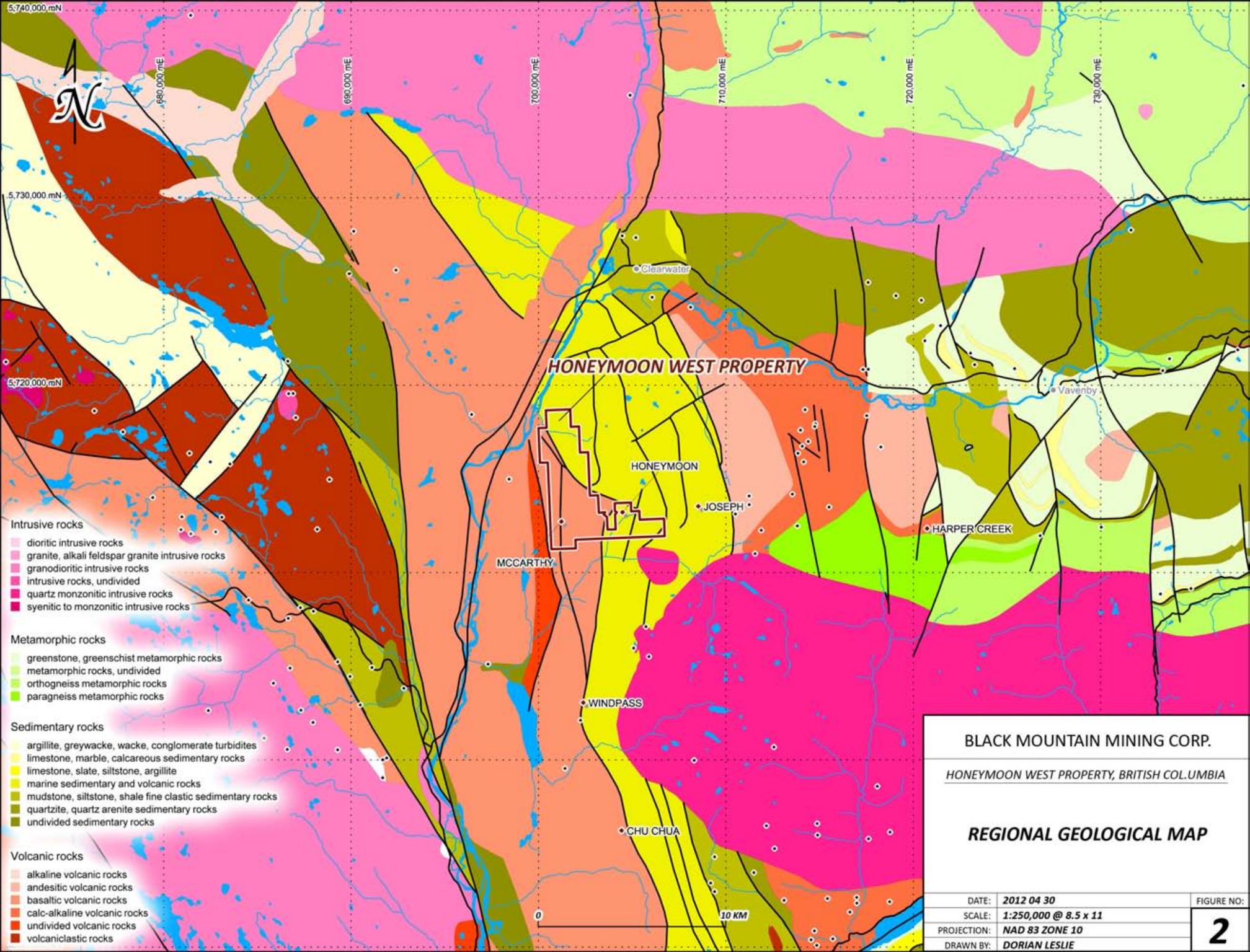
BC LOCATOR

BLACK MOUNTAIN MINING CORP.

HONEYMOON WEST PROPERTY, BRITISH COL. UMBIA

REGIONAL LOCATOR MAP

DATE:	2012 04 30	FIGURE NO:
SCALE:	1:250,000 @ 8.5 x 11	1
PROJECTION:	NAD 83 ZONE 10	
DRAWN BY:	DORIAN LESLIE	



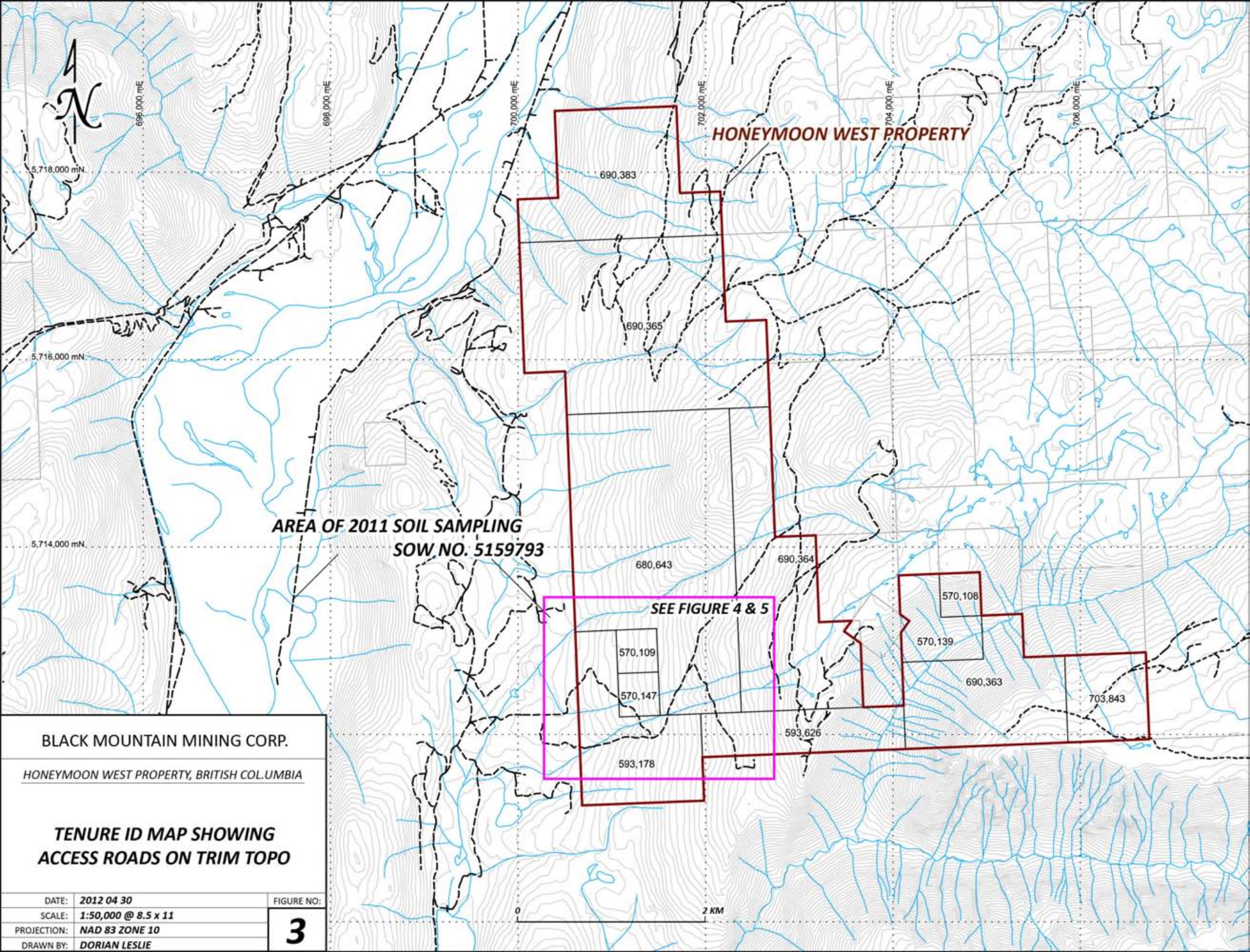
- Intrusive rocks**
- dioritic intrusive rocks
 - granite, alkali feldspar granite intrusive rocks
 - granodioritic intrusive rocks
 - intrusive rocks, undivided
 - quartz monzonitic intrusive rocks
 - syenitic to monzonitic intrusive rocks
- Metamorphic rocks**
- greenstone, greenschist metamorphic rocks
 - metamorphic rocks, undivided
 - orthoogneiss metamorphic rocks
 - paragneiss metamorphic rocks
- Sedimentary rocks**
- argillite, greywacke, wacke, conglomerate turbidites
 - limestone, marble, calcareous sedimentary rocks
 - limestone, slate, siltstone, argillite
 - marine sedimentary and volcanic rocks
 - mudstone, siltstone, shale fine clastic sedimentary rocks
 - quartzite, quartz arenite sedimentary rocks
 - undivided sedimentary rocks
- Volcanic rocks**
- alkaline volcanic rocks
 - andesitic volcanic rocks
 - basaltic volcanic rocks
 - calc-alkaline volcanic rocks
 - undivided volcanic rocks
 - volcaniclastic rocks

BLACK MOUNTAIN MINING CORP.

HONEYMOON WEST PROPERTY, BRITISH COL. UMBIA

REGIONAL GEOLOGICAL MAP

DATE:	2012 04 30	FIGURE NO:
SCALE:	1:250,000 @ 8.5 x 11	2
PROJECTION:	NAD 83 ZONE 10	
DRAWN BY:	DORIAN LESLIE	



HONEYMOON WEST PROPERTY

**AREA OF 2011 SOIL SAMPLING
SOW NO. 5159793**

SEE FIGURE 4 & 5

BLACK MOUNTAIN MINING CORP.

HONEYMOON WEST PROPERTY, BRITISH COLUMBIA

**TENURE ID MAP SHOWING
ACCESS ROADS ON TRIM TOPO**

DATE: 2012 04 30
SCALE: 1:50,000 @ 8.5 x 11
PROJECTION: NAD 83 ZONE 10
DRAWN BY: DORIAN LESLIE

FIGURE NO:
3

0 2 KM



BLACK MOUNTAIN MINING CORP.

HONEYMOON WEST PROPERTY, BRITISH COL.UMBIA

**SOIL GEOCHEMISTRY MAP
SHOWING HISTORIC AND 2011
SAMPLE LOCATIONS**

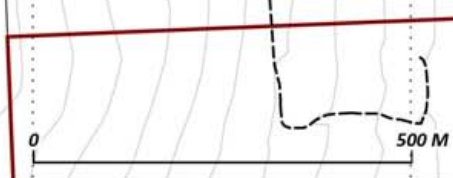
- 2011 soil geochem
- 2010 soil geochem
- Historic soil geochem

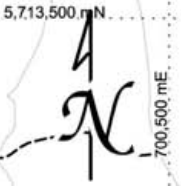
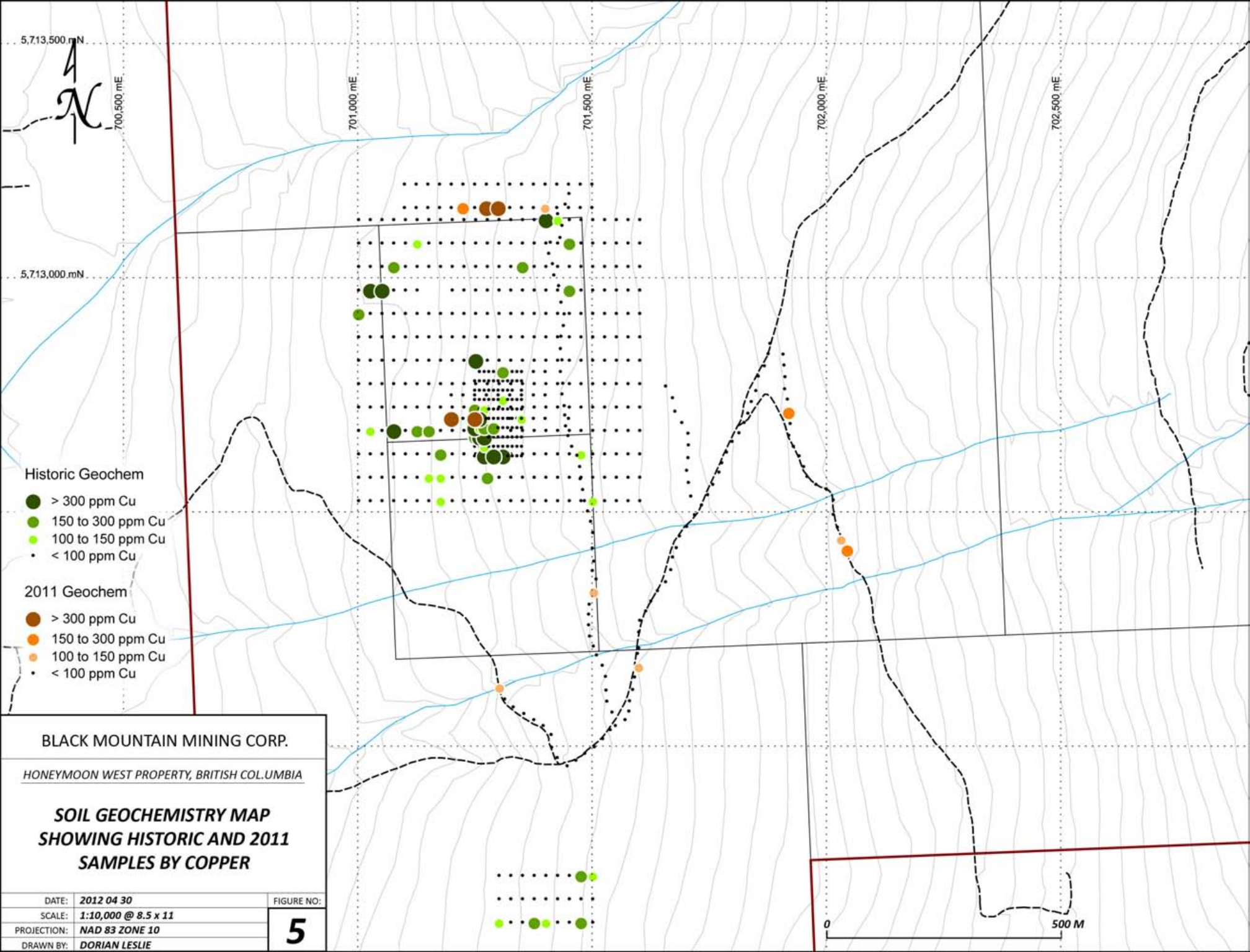


DATE: 2012 04 30
SCALE: 1:10,000 @ 8.5 x 11
PROJECTION: NAD 83 ZONE 10
DRAWN BY: DORIAN LESLIE

FIGURE NO:

4





5,713,500 mN
700,500 mE

5,713,000 mN

701,000 mE

701,500 mE

702,000 mE

702,500 mE

Historic Geochem

- > 300 ppm Cu
- 150 to 300 ppm Cu
- 100 to 150 ppm Cu
- < 100 ppm Cu

2011 Geochem

- > 300 ppm Cu
- 150 to 300 ppm Cu
- 100 to 150 ppm Cu
- < 100 ppm Cu

BLACK MOUNTAIN MINING CORP.

HONEYMOON WEST PROPERTY, BRITISH COLUMBIA

**SOIL GEOCHEMISTRY MAP
SHOWING HISTORIC AND 2011
SAMPLES BY COPPER**

DATE: 2012 04 30

FIGURE NO:

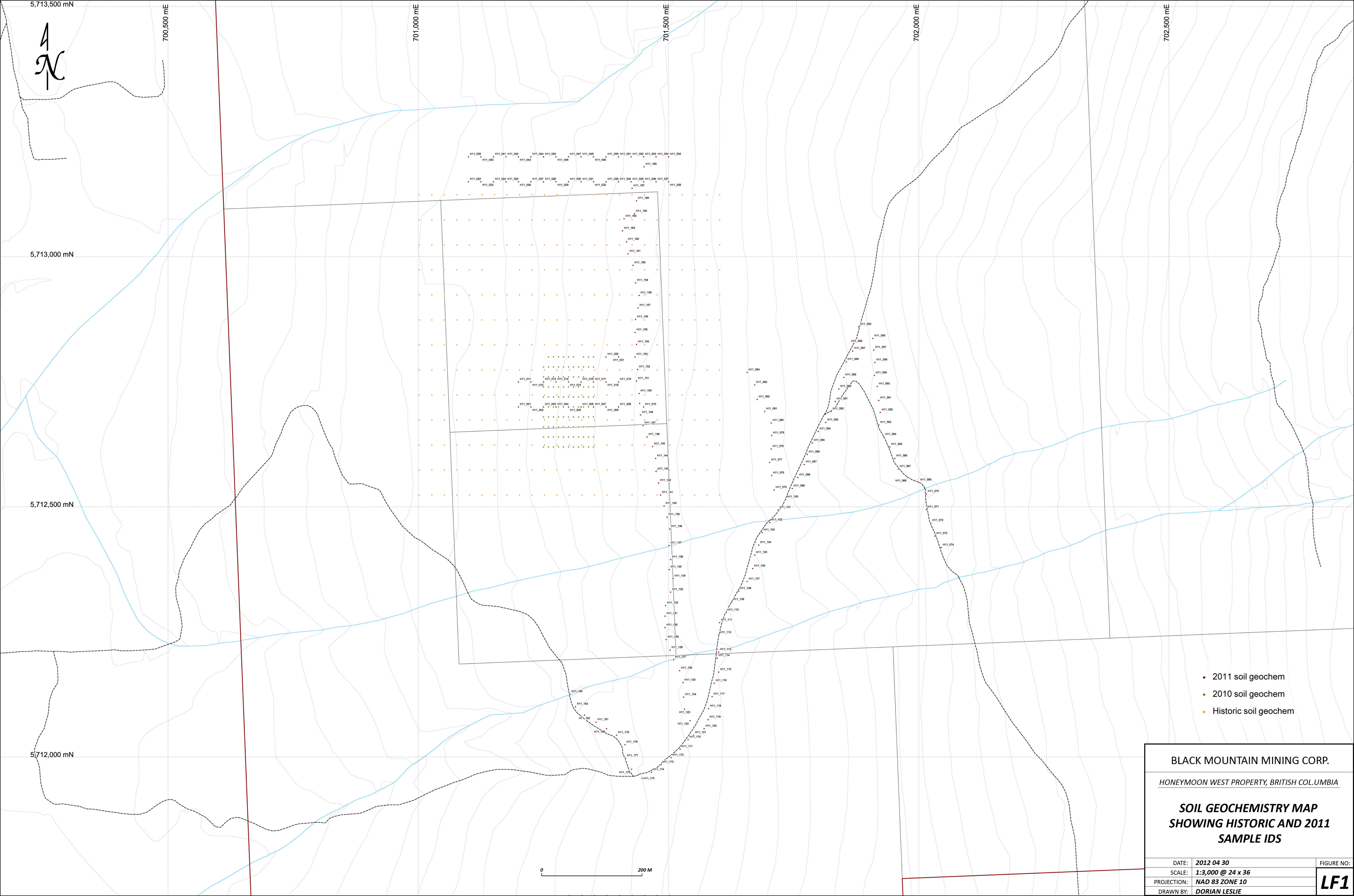
SCALE: 1:10,000 @ 8.5 x 11

5

PROJECTION: NAD 83 ZONE 10

DRAWN BY: DORIAN LESLIE

0 500 M



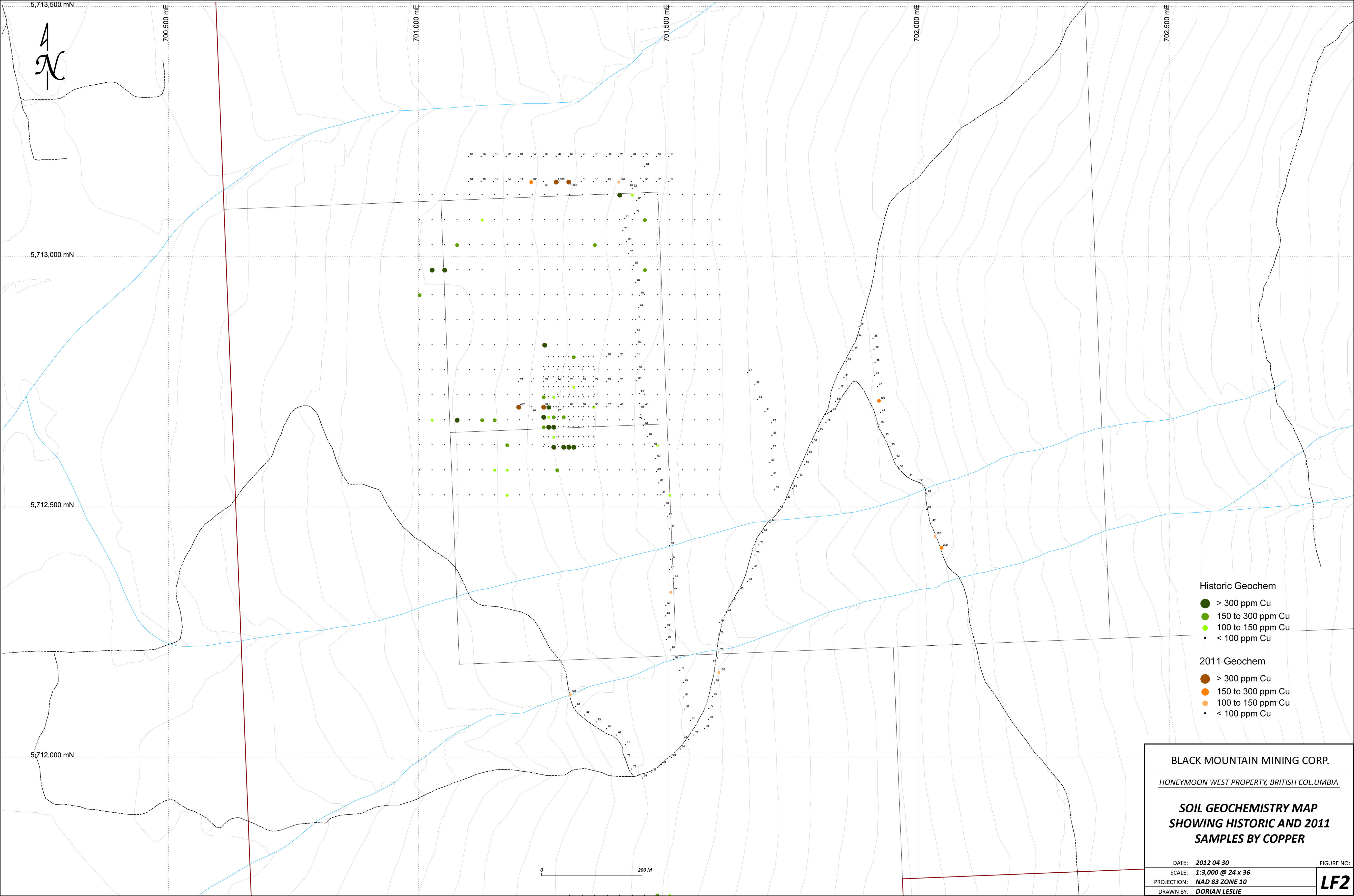
- 2011 soil geochem
- 2010 soil geochem
- Historic soil geochem

BLACK MOUNTAIN MINING CORP.
 HONEYMOON WEST PROPERTY, BRITISH COLUMBIA

**SOIL GEOCHEMISTRY MAP
 SHOWING HISTORIC AND 2011
 SAMPLE IDS**

DATE:	2012 04 30	FIGURE NO:
SCALE:	1:3,000 @ 24 x 36	LF1
PROJECTION:	NAD 83 ZONE 10	
DRAWN BY:	DORIAN LESLIE	





Historic Geochem

- > 300 ppm Cu
- 150 to 300 ppm Cu
- 100 to 150 ppm Cu
- < 100 ppm Cu

2011 Geochem

- > 300 ppm Cu
- 150 to 300 ppm Cu
- 100 to 150 ppm Cu
- < 100 ppm Cu

BLACK MOUNTAIN MINING CORP.
 HONEYMOON WEST PROPERTY, BRITISH COLUMBIA

**SOIL GEOCHEMISTRY MAP
 SHOWING HISTORIC AND 2011
 SAMPLES BY COPPER**

DATE:	2012 04 30	FIGURE NO.:	LF2
SCALE:	1:3,000 @ 24 x 36		
PROJECTION:	NAD 83 ZONE 10		
DRAWN BY:	DORIAN LESLIE		



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 1
 Finalized Date: 2- FEB- 2012
 This copy reported on
 3- FEB- 2012
 Account: PJA

CERTIFICATE VA12014638


Project: Honeymoon East
 P.O. No.:
 This report is for 129 Soil samples submitted to our lab in Vancouver, BC, Canada on 26- JAN- 2012.
 The following have access to data associated with this certificate:
 CARL VON EINSIEDEL

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: RAM EXPLORATION LTD.
 ATTN: CARL VON EINSIEDEL
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 2 - C
 Total # Pages: 5 (A - C)
 Finalized Date: 2- FEB- 2012
 Account: PJA

Project: Honeymoon East

CERTIFICATE OF ANALYSIS VA12014638

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
701908 5712837		0.15	<10	<10	56	<10	87
701910 5712814		0.15	<10	<10	72	<10	108
701912 5712789		0.14	<10	<10	66	<10	83
701911 5712763		0.18	<10	<10	73	<10	151
701917 5712741		0.15	<10	<10	62	<10	112
701920 5712713		0.15	<10	<10	91	<10	77
701923 5712689		0.16	<10	<10	55	<10	74
701920 5712664		0.17	<10	<10	67	<10	61
701930 5712640		0.17	<10	<10	79	<10	79
701942 5712620		0.15	<10	<10	70	<10	114
701952 5712597		0.15	<10	<10	58	<10	114
701959 5712576		0.17	<10	<10	61	<10	81
701978 5712559		0.13	<10	<10	51	<10	88
702000 5712549		0.16	<10	<10	77	<10	121
702015 5712526		0.19	<10	<10	74	<10	63
702015 5712495		0.17	<10	<10	84	<10	70
702024 5712468		0.17	<10	<10	84	<10	86
702032 5712442		0.19	<10	<10	93	<10	70
702045 5712419		0.16	<10	<10	85	<10	72
0701711 5712534		0.14	<10	<10	55	<10	74
0701706 5712563		0.15	<10	<10	60	<10	104
701702 5712589		0.14	<10	<10	68	<10	122
701705 5712616		0.14	<10	<10	69	<10	84
701706 5712643		0.15	<10	<10	52	<10	55
701705 5712668		0.13	<10	<10	53	<10	69
0701692 5712691		0.14	<10	<10	55	<10	138
701677 5712715		0.16	<10	<10	53	<10	162
701672 5712744		0.16	<10	<10	58	<10	168
701657 5712769		0.14	<10	<10	56	<10	76
0701880 5712860		0.15	<10	<10	62	<10	77
701876 5712838		0.15	<10	<10	69	<10	90
701868 5712812		0.13	<10	<10	63	<10	110
701855 5712790		0.14	<10	<10	77	<10	90
701850 5712759		0.16	<10	<10	74	<10	71
701840 5712736		0.14	<10	<10	53	<10	61
701833 5712711		0.15	<10	<10	63	<10	85
701825 5712691		0.14	<10	<10	57	<10	66
701814 5712669		0.11	<10	<10	65	<10	88
701799 5712651		0.11	<10	<10	64	<10	84
701787 5712628		0.12	<10	<10	64	<10	117



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 3 - A
 Total # Pages: 5 (A - C)
 Finalized Date: 2- FEB- 2012
 Account: PJA

Project: Honeymoon East

CERTIFICATE OF ANALYSIS VA12014638

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %	ME- ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
701777 5712605		0.20	0.8	1.95	22	<10	280	<0.5	<2	0.55	0.6	21	68	65	3.92	<10
701771 5712585		0.06	0.6	1.99	18	<10	310	<0.5	<2	0.60	0.5	19	63	59	3.62	<10
701758 5712559		0.14	0.7	1.94	15	<10	290	<0.5	<2	0.66	0.6	15	53	43	3.19	<10
701747 5712537		0.02	1.3	1.95	18	<10	320	<0.5	<2	0.57	0.6	16	56	56	3.23	<10
701734 5712515		0.06	1.1	2.08	14	<10	350	<0.5	<2	0.39	0.5	13	43	33	2.72	<10
701719 5712494		0.10	0.5	2.01	22	<10	280	<0.5	<2	1.32	0.5	20	66	66	4.00	<10
701702 5712469		0.14	0.9	1.81	16	<10	220	<0.5	<2	0.37	<0.5	13	40	37	2.72	<10
701687 5712449		0.16	0.5	1.83	21	<10	230	<0.5	<2	0.58	<0.5	18	59	62	3.69	<10
701680 5712424		0.10	0.5	1.90	24	<10	260	<0.5	<2	0.94	0.7	20	66	71	3.79	<10
701672 5712404		0.16	0.7	1.96	21	<10	270	<0.5	<2	0.52	<0.5	19	68	70	3.81	<10
701668 5712377		0.24	0.4	1.61	14	<10	160	<0.5	<2	0.33	<0.5	13	51	51	2.99	<10
701657 5712351		0.14	0.3	1.51	13	<10	190	<0.5	<2	0.53	<0.5	15	52	38	2.84	<10
701640 5712332		0.22	0.2	1.76	19	<10	200	<0.5	<2	0.42	<0.5	19	63	60	3.43	<10
701626 5712310		0.14	0.3	1.51	13	<10	160	<0.5	<2	0.33	<0.5	15	51	41	2.76	<10
701615 5712289		0.28	<0.2	1.39	10	<10	150	<0.5	<2	0.28	<0.5	11	49	23	2.51	<10
701602 5712269		0.36	0.4	1.58	20	<10	160	<0.5	<2	0.32	<0.5	15	47	52	2.93	<10
701600 5712244		0.10	0.8	2.07	24	<10	290	<0.5	<2	0.50	0.5	21	72	78	4.07	<10
701600 5712210		0.14	0.8	2.01	20	<10	350	<0.5	<2	0.57	0.5	18	69	70	3.75	<10
701597 5712198		0.24	0.5	2.00	22	<10	300	<0.5	<2	0.53	<0.5	21	72	73	3.95	<10
701600 5712170		0.12	0.6	2.00	17	<10	450	<0.5	<2	0.54	<0.5	20	61	100	3.81	<10
701591 5712148		0.14	0.5	2.06	23	<10	340	<0.5	<2	0.56	<0.5	21	71	86	4.11	<10
701587 5712121		0.10	0.6	1.96	18	<10	240	<0.5	<2	0.47	<0.5	19	67	66	3.66	<10
701580 5712097		0.20	0.6	1.99	21	<10	270	<0.5	<2	2.46	0.5	21	69	72	3.85	<10
701579 5712075		0.06	0.5	2.97	16	<10	250	0.6	<2	0.27	<0.5	13	36	30	2.57	10
701571 5712057		0.14	0.4	1.99	24	<10	290	<0.5	<2	0.55	<0.5	23	68	89	3.98	<10
701550 5712044		0.18	0.8	2.04	28	<10	380	<0.5	2	0.55	<0.5	23	67	76	4.13	<10
701543 5712073		0.22	0.4	1.65	14	<10	220	<0.5	<2	0.36	<0.5	15	52	31	2.90	<10
701532 5712096		0.14	0.6	2.02	20	<10	310	<0.5	<2	0.51	0.5	20	65	52	3.77	<10
701530 5712120		0.12	0.5	2.06	25	<10	310	<0.5	<2	0.58	0.6	24	69	81	4.20	<10
701529 5712149		0.18	0.8	1.93	28	<10	300	<0.5	<2	0.58	0.6	20	70	76	3.96	<10
701522 5712173		0.12	0.6	2.13	23	<10	310	<0.5	<2	0.57	<0.5	24	79	73	4.18	<10
701510 5712195		0.30	0.7	1.69	32	<10	290	<0.5	<2	0.58	0.8	24	62	66	4.46	<10
701503 5712214		0.20	0.6	2.06	24	<10	320	<0.5	<2	0.54	<0.5	23	75	70	4.13	<10
701495 5712235		0.18	0.5	1.82	23	<10	250	<0.5	<2	1.44	0.8	22	61	70	3.71	<10
701493 5712259		0.20	0.4	1.78	23	<10	230	<0.5	<2	1.72	0.5	18	62	68	3.51	<10
701493 5712282		0.14	0.5	1.90	22	<10	250	<0.5	<2	0.52	<0.5	18	69	78	3.69	<10
701494 5712303		0.26	0.8	1.72	11	<10	240	<0.5	<2	0.39	<0.5	14	58	50	3.08	<10
701504 5712330		0.24	0.7	2.13	29	<10	340	<0.5	<2	0.52	0.5	21	71	107	4.33	<10
701509 5712357		0.18	0.5	1.86	22	<10	260	<0.5	<2	0.52	0.5	19	65	84	3.66	<10
701501 5712375		0.24	0.6	1.23	24	<10	170	<0.5	<2	0.47	0.5	20	43	67	3.38	<10



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 3 - B
 Total # Pages: 5 (A - C)
 Finalized Date: 2- FEB- 2012
 Account: PJA

Project: Honeymoon East

CERTIFICATE OF ANALYSIS VA12014638

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1	Th ppm 20
701777 5712605		<1	0.14	20	1.16	743	<1	0.02	42	700	42	0.04	3	7	26	<20
701771 5712585		<1	0.12	20	0.99	667	<1	0.02	38	520	34	0.03	2	7	24	<20
701758 5712559		<1	0.10	10	0.75	528	<1	0.02	33	350	35	0.03	3	6	21	<20
701747 5712537		<1	0.14	20	0.79	599	<1	0.02	37	440	42	0.03	2	6	22	<20
701734 5712515		<1	0.06	10	0.55	387	<1	0.02	32	220	29	0.02	2	5	16	<20
701719 5712494		<1	0.15	20	1.20	794	<1	0.02	40	720	29	0.03	2	7	42	<20
701702 5712469		<1	0.08	10	0.53	360	<1	0.02	29	680	29	0.03	<2	4	15	<20
701687 5712449		<1	0.12	20	1.04	680	<1	0.02	37	610	40	0.02	2	7	25	<20
701680 5712424		<1	0.16	20	1.12	747	<1	0.02	44	650	39	0.02	2	7	30	<20
701672 5712404		<1	0.15	20	1.09	687	<1	0.02	42	660	30	0.03	<2	7	26	<20
701668 5712377		<1	0.07	20	0.81	358	<1	0.02	31	310	26	0.02	2	6	18	<20
701657 5712351		<1	0.11	20	0.83	501	<1	0.02	31	540	20	0.04	<2	4	26	<20
701640 5712332		<1	0.12	20	0.99	675	<1	0.02	39	600	25	0.02	<2	7	24	<20
701626 5712310		<1	0.09	10	0.76	412	<1	0.01	30	310	21	0.02	<2	5	17	<20
701615 5712289		<1	0.05	10	0.78	249	<1	0.01	26	260	13	0.01	<2	4	15	<20
701602 5712269		<1	0.07	10	0.77	356	<1	0.01	30	390	27	0.02	<2	4	16	<20
701600 5712244		<1	0.15	20	1.16	738	<1	0.02	48	610	35	0.02	2	8	28	<20
701600 5712210		<1	0.14	20	1.02	684	<1	0.02	44	440	28	0.02	<2	8	28	<20
701597 5712198		<1	0.15	20	1.12	755	<1	0.02	44	700	29	0.02	2	8	29	<20
701600 5712170		<1	0.16	20	0.84	711	<1	0.02	47	520	29	0.03	2	7	36	<20
701591 5712148		<1	0.20	20	1.16	798	<1	0.02	46	740	28	0.03	<2	8	33	<20
701587 5712121		<1	0.15	20	1.03	601	<1	0.02	42	490	27	0.03	<2	7	26	<20
701580 5712097		<1	0.17	20	1.16	748	<1	0.02	42	810	30	0.03	2	7	54	<20
701579 5712075		<1	0.08	10	0.39	339	<1	0.03	34	1480	17	0.02	<2	4	17	<20
701571 5712057		<1	0.17	20	1.21	857	<1	0.02	48	800	31	0.02	<2	7	35	<20
701550 5712044		<1	0.15	20	1.08	836	<1	0.02	47	710	38	0.03	2	8	32	<20
701543 5712073		<1	0.06	10	0.77	348	<1	0.02	30	260	23	0.02	<2	5	18	<20
701532 5712096		<1	0.12	20	0.99	734	<1	0.02	37	330	36	0.02	2	7	26	<20
701530 5712120		<1	0.16	20	1.25	921	<1	0.02	48	820	38	0.02	3	8	33	<20
701529 5712149		<1	0.13	20	1.13	792	<1	0.02	42	730	57	0.02	2	8	30	<20
701522 5712173		<1	0.15	20	1.35	924	<1	0.02	48	750	33	0.03	2	8	31	<20
701510 5712195		<1	0.10	20	0.98	803	<1	0.02	40	830	111	0.04	3	7	31	<20
701503 5712214		<1	0.15	20	1.18	861	<1	0.02	46	700	28	0.02	<2	8	29	<20
701495 5712235		<1	0.12	20	1.15	895	<1	0.02	43	700	44	<0.01	<2	7	48	<20
701493 5712259		<1	0.12	20	1.14	635	<1	0.02	38	740	25	0.01	2	6	59	<20
701493 5712282		<1	0.13	20	1.13	613	<1	0.02	42	630	33	<0.01	<2	7	32	<20
701494 5712303		<1	0.11	20	0.79	440	<1	0.02	35	290	22	<0.01	<2	7	21	<20
701504 5712330		<1	0.15	20	1.08	726	<1	0.02	50	620	32	0.01	<2	9	32	<20
701509 5712357		<1	0.12	20	1.07	658	<1	0.02	42	680	29	<0.01	<2	8	30	<20
701501 5712375		<1	0.05	10	0.81	690	<1	0.01	34	780	35	<0.01	2	5	24	<20



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 3 - C
 Total # Pages: 5 (A - C)
 Finalized Date: 2- FEB- 2012
 Account: PJA

Project: Honeymoon East

CERTIFICATE OF ANALYSIS VA12014638

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
701777 5712605		0.13	<10	<10	69	<10	114
701771 5712585		0.12	<10	<10	63	<10	86
701758 5712559		0.12	<10	<10	54	<10	113
701747 5712537		0.11	<10	<10	55	<10	96
701734 5712515		0.13	<10	<10	48	<10	101
701719 5712494		0.12	<10	<10	67	<10	94
701702 5712469		0.12	<10	<10	49	<10	80
701687 5712449		0.11	<10	<10	64	<10	94
701680 5712424		0.12	<10	<10	68	<10	106
701672 5712404		0.12	<10	<10	66	<10	89
701668 5712377		0.14	<10	<10	54	<10	67
701657 5712351		0.10	<10	<10	52	<10	71
701640 5712332		0.13	<10	<10	64	<10	80
701626 5712310		0.13	<10	<10	53	<10	66
701615 5712289		0.13	<10	<10	50	<10	61
701602 5712269		0.14	<10	<10	56	<10	73
701600 5712244		0.12	<10	<10	71	<10	102
701600 5712210		0.11	<10	<10	65	<10	78
701597 5712198		0.13	<10	<10	71	<10	91
701600 5712170		0.10	<10	<10	62	<10	82
701591 5712148		0.12	<10	<10	71	<10	88
701587 5712121		0.12	<10	<10	63	<10	74
701580 5712097		0.12	<10	<10	66	<10	88
701579 5712075		0.12	<10	<10	42	<10	84
701571 5712057		0.10	<10	<10	66	<10	86
701550 5712044		0.12	<10	<10	72	<10	85
701543 5712073		0.15	<10	<10	57	<10	82
701532 5712096		0.12	<10	<10	64	<10	83
701530 5712120		0.12	<10	<10	72	<10	105
701529 5712149		0.13	<10	<10	70	<10	119
701522 5712173		0.12	<10	<10	74	<10	89
701510 5712195		0.11	<10	<10	70	<10	80
701503 5712214		0.13	<10	<10	73	<10	93
701495 5712235		0.11	<10	<10	62	<10	102
701493 5712259		0.10	<10	<10	60	<10	79
701493 5712282		0.11	<10	<10	64	<10	78
701494 5712303		0.14	<10	<10	58	<10	84
701504 5712330		0.11	<10	<10	70	<10	82
701509 5712357		0.11	<10	<10	63	<10	82
701501 5712375		0.11	<10	<10	56	<10	73



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 4 - A
 Total # Pages: 5 (A - C)
 Finalized Date: 2- FEB- 2012
 Account: PJA

Project: Honeymoon East

CERTIFICATE OF ANALYSIS VA12014638

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %	ME- ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
701504 5712395		0.20	0.9	1.47	16	<10	190	<0.5	<2	0.46	<0.5	14	41	49	2.87	<10
701501 5712423		0.18	0.4	0.98	19	<10	110	<0.5	<2	0.41	<0.5	14	34	49	2.62	<10
701502 5712456		0.42	0.6	1.20	26	<10	160	<0.5	<2	0.47	0.7	17	45	56	2.99	<10
701497 5712480		0.36	0.5	1.86	26	<10	270	<0.5	<2	0.55	0.5	21	59	72	3.78	<10
701491 5712502		0.18	0.7	1.84	17	<10	270	<0.5	<2	0.63	0.8	20	56	80	3.26	<10
701484 5712524		0.24	0.5	1.71	23	<10	260	<0.5	<2	0.57	0.7	25	55	51	3.64	<10
701480 5712548		0.20	0.6	1.97	20	<10	270	<0.5	<2	0.52	0.5	20	67	68	3.86	<10
701475 5712571		0.16	0.6	2.00	22	<10	270	<0.5	<2	0.56	<0.5	21	73	80	4.04	<10
701474 5712597		0.22	0.6	1.99	24	<10	250	<0.5	<2	1.47	0.7	21	68	69	4.00	<10
701468 5712621		0.22	0.6	1.99	21	<10	280	<0.5	<2	0.53	<0.5	19	68	68	4.04	<10
701457 5712640		0.22	0.5	1.96	22	<10	290	<0.5	<2	0.53	0.5	20	68	70	3.98	<10
701449 5712663		0.26	0.7	2.00	23	<10	270	<0.5	<2	1.62	0.8	23	70	72	4.00	<10
701444 5712684		0.22	0.7	2.03	24	<10	260	<0.5	<2	0.97	0.6	22	75	74	4.11	<10
701442 5712707		0.26	0.5	2.02	20	<10	270	<0.5	<2	0.58	<0.5	18	70	68	3.98	<10
701441 5712727		0.20	0.6	2.12	17	<10	300	<0.5	<2	0.57	<0.5	16	68	64	3.63	<10
701436 5712752		0.16	0.5	2.01	20	<10	260	<0.5	<2	0.54	<0.5	16	70	66	3.73	<10
701438 5712775		0.04	0.3	2.03	21	<10	290	<0.5	<2	0.56	<0.5	17	70	68	3.81	<10
701433 5712800		0.24	0.6	1.95	19	<10	260	<0.5	<2	0.54	<0.5	18	70	61	3.82	<10
701436 5712825		0.16	0.2	1.42	19	<10	180	<0.5	<2	0.46	<0.5	13	54	59	3.12	<10
701433 5712849		0.14	0.4	1.93	22	<10	250	<0.5	<2	0.53	<0.5	20	72	73	3.91	<10
701434 5712875		0.18	0.6	1.93	20	<10	300	<0.5	<2	2.29	0.5	21	71	71	3.75	<10
701439 5712898		0.16	0.4	1.86	7	<10	1690	<0.5	<2	0.30	<0.5	15	38	24	2.76	<10
701441 5712923		0.40	0.4	2.06	23	<10	220	<0.5	<2	0.54	<0.5	24	72	76	4.53	10
701434 5712948		0.16	0.4	1.58	15	<10	170	<0.5	<2	4.99	0.6	17	52	64	2.93	<10
701429 5712983		0.18	<0.2	1.92	9	<10	100	<0.5	<2	0.32	<0.5	14	51	35	2.97	10
701419 5713006		0.18	0.5	1.57	18	<10	180	<0.5	<2	0.79	<0.5	15	55	57	3.19	<10
701416 5713030		0.18	0.6	1.66	19	<10	190	<0.5	<2	1.11	0.6	20	56	60	3.39	<10
701408 5713052		0.24	0.7	1.81	20	<10	210	<0.5	<2	0.51	<0.5	20	59	78	3.44	10
701411 5713076		0.32	1.3	2.18	31	<10	320	<0.5	<2	0.49	0.6	19	56	91	3.77	<10
701432 5713086		0.34	0.6	1.96	32	<10	280	<0.5	<2	0.50	0.8	24	66	77	4.22	<10
701436 5713112		0.24	0.9	2.07	22	<10	380	<0.5	<2	0.54	1.1	17	49	65	3.36	<10
701427 5713137		0.36	1.3	1.83	23	<10	240	<0.5	<2	0.45	0.5	17	52	92	3.42	<10
701443 5713157		0.24	0.4	1.87	25	<10	230	<0.5	<2	0.53	<0.5	19	60	81	3.63	<10
701451 5713180		0.34	0.7	1.45	14	<10	120	<0.5	<2	0.39	<0.5	12	45	48	2.78	<10
701539 5712035		0.14	0.7	2.00	21	<10	340	0.5	<2	0.49	<0.5	21	70	78	3.90	<10
701523 5712016		0.18	1.1	1.94	19	<10	300	<0.5	<2	0.48	0.5	17	62	64	3.52	<10
701505 5711999		0.14	0.6	1.94	22	<10	320	<0.5	3	0.51	0.5	18	60	79	3.77	<10
701485 5711985		0.16	0.8	2.06	21	<10	300	<0.5	<2	0.52	0.6	20	71	70	4.04	<10
701466 5711970		0.24	0.4	1.46	12	<10	170	<0.5	<2	0.28	<0.5	14	50	39	2.86	<10
701447 5711958		0.26	0.4	1.44	13	<10	230	<0.5	<2	0.38	<0.5	12	43	38	2.69	<10



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 4 - C
 Total # Pages: 5 (A - C)
 Finalized Date: 2- FEB- 2012
 Account: PJA

Project: Honeymoon East

CERTIFICATE OF ANALYSIS VA12014638

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
701504 5712395		0.12	<10	<10	52	<10	62
701501 5712423		0.11	<10	<10	47	<10	55
701502 5712456		0.11	<10	<10	54	<10	98
701497 5712480		0.11	<10	<10	65	<10	82
701491 5712502		0.08	<10	<10	55	<10	94
701484 5712524		0.09	<10	<10	58	<10	77
701480 5712548		0.10	<10	<10	63	<10	86
701475 5712571		0.11	<10	<10	67	<10	89
701474 5712597		0.10	<10	<10	62	<10	94
701468 5712621		0.11	<10	<10	65	<10	89
701457 5712640		0.11	<10	<10	65	<10	99
701449 5712663		0.10	<10	<10	65	<10	101
701444 5712684		0.11	<10	<10	67	<10	96
701442 5712707		0.10	<10	<10	65	<10	85
701441 5712727		0.10	<10	<10	61	<10	79
701436 5712752		0.11	<10	<10	65	<10	64
701438 5712775		0.09	<10	<10	65	<10	77
701433 5712800		0.10	<10	<10	64	<10	86
701436 5712825		0.08	<10	<10	52	<10	60
701433 5712849		0.09	<10	<10	65	<10	77
701434 5712875		0.11	<10	<10	62	<10	91
701439 5712898		0.09	<10	<10	48	<10	90
701441 5712923		0.14	<10	<10	81	<10	72
701434 5712948		0.13	<10	<10	59	<10	73
701429 5712983		0.14	<10	<10	68	<10	45
701419 5713006		0.15	<10	<10	62	<10	75
701416 5713030		0.15	<10	<10	66	<10	82
701408 5713052		0.14	<10	<10	63	<10	60
701411 5713076		0.13	<10	<10	64	<10	104
701432 5713086		0.11	<10	<10	72	<10	94
701436 5713112		0.10	<10	<10	54	<10	143
701427 5713137		0.12	<10	<10	59	<10	106
701443 5713157		0.13	<10	<10	68	<10	65
701451 5713180		0.15	<10	<10	53	<10	47
701539 5712035		0.10	<10	<10	69	<10	79
701523 5712016		0.11	<10	<10	62	<10	89
701505 5711999		0.11	<10	<10	65	<10	96
701485 5711985		0.11	<10	<10	68	<10	80
701466 5711970		0.12	<10	<10	52	<10	69
701447 5711958		0.12	<10	<10	49	<10	63



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 5 - A
 Total # Pages: 5 (A - C)
 Finalized Date: 2- FEB- 2012
 Account: PJA

Project: Honeymoon East

CERTIFICATE OF ANALYSIS VA12014638

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %	ME- ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
701426 5711976		0.18	0.6	1.79	18	<10	260	<0.5	<2	0.48	<0.5	17	61	72	3.45	<10
701414 5711998		0.22	0.8	2.05	22	<10	290	<0.5	2	0.55	0.6	21	68	73	4.12	<10
701413 5712025		0.18	0.4	1.90	24	<10	290	<0.5	<2	0.54	0.6	19	62	81	3.83	<10
701396 5712044		0.18	0.5	1.86	19	<10	280	<0.5	<2	0.54	<0.5	18	63	62	3.53	<10
701376 5712057		0.30	0.5	1.47	18	<10	160	<0.5	<2	0.35	<0.5	12	40	55	2.85	<10
701355 5712070		0.16	0.7	1.79	19	<10	260	<0.5	2	0.54	<0.5	18	57	73	3.46	<10
701332 5712084		0.16	0.3	1.67	14	<10	200	<0.5	<2	0.41	<0.5	16	60	57	3.23	<10
701314 5712101		0.16	0.3	1.72	14	<10	160	<0.5	<2	0.38	<0.5	15	63	61	3.40	<10
701303 5712126		0.30	0.4	1.96	23	<10	240	<0.5	<2	0.44	<0.5	20	68	102	3.97	<10



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 5 - B
 Total # Pages: 5 (A - C)
 Finalized Date: 2- FEB- 2012
 Account: PJA

Project: Honeymoon East

CERTIFICATE OF ANALYSIS VA12014638

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1	Th ppm 20
701426 5711976		<1	0.16	20	0.98	620	<1	0.02	38	600	29	0.01	2	7	28	<20
701414 5711998		<1	0.13	20	1.17	889	<1	0.02	43	720	50	0.01	3	8	32	<20
701413 5712025		<1	0.13	20	1.11	797	<1	0.02	41	690	36	<0.01	2	7	32	<20
701396 5712044		<1	0.14	20	0.99	612	<1	0.02	39	550	29	0.01	<2	6	30	<20
701376 5712057		<1	0.06	10	0.64	298	<1	0.01	27	460	21	0.01	2	5	17	<20
701355 5712070		<1	0.10	20	0.93	638	<1	0.02	39	580	29	0.01	<2	7	29	<20
701332 5712084		<1	0.10	20	0.90	514	<1	0.02	36	430	22	0.01	<2	6	24	<20
701314 5712101		<1	0.11	20	1.03	517	<1	0.02	36	490	22	<0.01	<2	6	23	<20
701303 5712126		<1	0.13	20	1.07	664	<1	0.02	45	650	29	<0.01	2	8	26	<20



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 5 - C
 Total # Pages: 5 (A - C)
 Finalized Date: 2- FEB- 2012
 Account: PJA

Project: Honeymoon East

CERTIFICATE OF ANALYSIS VA12014638

Sample Description	Method Analyte Units LOR	ME- ICP41 Ti %	ME- ICP41 Ti ppm	ME- ICP41 U ppm	ME- ICP41 V ppm	ME- ICP41 W ppm	ME- ICP41 Zn ppm
		0.01	10	10	1	10	2
701426 5711976		0.12	<10	<10	62	<10	85
701414 5711998		0.12	<10	<10	71	<10	114
701413 5712025		0.11	<10	<10	67	<10	101
701396 5712044		0.10	<10	<10	62	<10	80
701376 5712057		0.13	<10	<10	51	<10	60
701355 5712070		0.11	<10	<10	61	<10	81
701332 5712084		0.11	<10	<10	57	<10	69
701314 5712101		0.13	<10	<10	61	<10	67
701303 5712126		0.11	<10	<10	67	<10	90



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 1
 Finalized Date: 31-JAN-2012
 This copy reported on
 3-FEB-2012
 Account: PJA

CERTIFICATE VA12015596


Project: Honeymoon West
 P.O. No.:
 This report is for 55 Soil samples submitted to our lab in Vancouver, BC, Canada on 26-JAN-2012.
 The following have access to data associated with this certificate:
 CARL VON EINSIEDEL

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
SCR- 41	Screen to - 180um and save both

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: RAM EXPLORATION LTD.
 ATTN: CARL VON EINSIEDEL
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 2 - C
 Total # Pages: 3 (A - C)
 Finalized Date: 31-JAN-2012
 Account: PJA

Project: Honeymoon West

CERTIFICATE OF ANALYSIS VA12015596

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
701200 5712700		0.16	<10	<10	62	<10	103
701225 5712700		0.11	<10	<10	39	<10	119
701250 5712700		0.13	<10	<10	47	<10	196
701275 5712700		0.12	<10	<10	44	<10	157
701300 5712700		0.12	<10	<10	48	<10	96
701325 5712700		0.10	<10	<10	43	<10	87
701350 5712700		0.09	<10	<10	43	<10	76
701375 5712700		0.10	<10	<10	52	<10	70
701400 5712700		0.08	<10	<10	48	<10	121
701450 5712700		0.11	<10	<10	48	<10	76
701200 5712750		0.14	<10	<10	50	<10	73
701225 5712750		0.12	<10	<10	36	<10	52
701250 5712750		0.13	<10	<10	50	<10	87
701275 5712750		0.12	<10	<10	40	<10	93
701300 5712750		0.14	<10	<10	45	<10	84
701325 5712750		0.11	<10	<10	55	<10	68
701350 5712750		0.10	<10	<10	46	<10	79
701375 5712750		0.12	<10	<10	56	<10	93
701400 5712750		0.12	<10	<10	49	<10	52
701375 5712800		0.12	<10	<10	49	<10	62
701400 5712800		0.09	<10	<10	50	<10	52
701100 3713150		0.15	<10	<10	51	<10	59
701125 3713150		0.12	<10	<10	41	<10	102
701150 3713150		0.12	<10	<10	44	<10	88
701175 3713150		0.14	<10	<10	41	<10	118
701200 3713150		0.13	<10	<10	38	<10	71
701225 3713150		0.15	<10	<10	40	<10	145
701250 3713150		0.14	<10	<10	44	<10	260
701275 3713150		0.15	<10	<10	92	<10	296
701300 3713150		0.12	<10	<10	60	<10	203
701325 3713150		0.15	<10	<10	53	<10	64
701350 3713150		0.10	<10	<10	39	<10	62
701375 3713150		0.15	<10	<10	56	<10	64
701400 3713150		0.13	<10	<10	51	<10	174
701425 3713150		0.10	<10	<10	48	<10	155
701450 3713150		0.14	<10	<10	59	<10	57
701475 3713150		0.13	<10	<10	47	<10	75
701500 3713150		0.14	<10	<10	48	<10	50
701100 3713200		0.11	<10	<10	49	<10	126
701125 3713200		0.10	<10	<10	47	<10	103



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 3 - A
 Total # Pages: 3 (A - C)
 Finalized Date: 31-JAN-2012
 Account: PJA

Project: Honeymoon West

CERTIFICATE OF ANALYSIS VA12015596

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %	ME- ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
701150 3713200		0.40	0.4	2.21	14	<10	270	<0.5	<2	0.25	<0.5	11	34	16	2.70	10
701175 3713200		0.58	0.3	1.69	15	<10	160	<0.5	<2	0.24	<0.5	12	34	22	2.67	10
701200 3713200		0.60	0.5	2.89	14	<10	390	0.6	<2	0.28	<0.5	15	46	61	3.25	10
701225 3713200		0.62	0.3	1.42	11	<10	130	<0.5	<2	0.37	<0.5	12	38	34	2.67	<10
701250 3713200		0.72	0.4	1.45	16	<10	180	<0.5	<2	0.35	<0.5	14	35	39	2.84	<10
701275 3713200		0.64	0.4	1.50	12	<10	130	<0.5	<2	0.27	<0.5	13	34	26	2.67	10
701300 3713200		0.68	2.1	2.62	20	<10	300	0.5	<2	0.56	0.5	16	44	69	3.55	10
701325 3713200		0.60	0.2	1.79	13	<10	210	<0.5	<2	0.27	<0.5	13	29	21	2.62	10
701350 3713200		0.56	0.3	2.00	15	<10	420	<0.5	<2	0.51	0.5	14	32	18	2.70	10
701375 3713200		0.66	0.4	1.86	15	<10	210	<0.5	<2	0.34	<0.5	14	42	38	3.01	10
701400 3713200		0.58	<0.2	1.71	10	<10	130	<0.5	<2	0.37	<0.5	13	41	25	2.80	<10
701425 3713200		0.58	0.3	2.05	14	<10	160	<0.5	<2	0.42	<0.5	14	38	28	2.79	10
701450 3713200		0.70	0.4	1.86	20	<10	210	<0.5	<2	0.56	<0.5	19	62	72	3.80	10
701475 3713200		0.66	0.2	1.56	12	<10	110	<0.5	<2	0.31	<0.5	11	27	16	2.26	<10
701500 3713200		0.70	0.4	1.82	12	<10	180	<0.5	<2	0.27	<0.5	11	29	18	2.37	<10



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 3 - B
 Total # Pages: 3 (A - C)
 Finalized Date: 31-JAN-2012
 Account: PJA

Project: Honeymoon West

CERTIFICATE OF ANALYSIS VA12015596

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1	Th ppm 20
701150 3713200		<1	0.06	10	0.42	511	<1	0.02	22	2690	17	0.02	<2	3	16	<20
701175 3713200		<1	0.05	10	0.54	384	<1	0.02	26	610	14	0.01	<2	3	14	<20
701200 3713200		<1	0.13	10	0.60	428	<1	0.02	40	1200	22	0.01	<2	7	18	<20
701225 3713200		<1	0.04	10	0.65	261	<1	0.02	27	710	13	0.01	2	3	17	<20
701250 3713200		<1	0.05	10	0.58	424	<1	0.02	27	880	17	0.02	2	3	18	<20
701275 3713200		<1	0.05	10	0.48	386	<1	0.02	22	960	12	0.02	<2	3	13	<20
701300 3713200		<1	0.07	10	0.58	516	1	0.02	46	660	32	0.02	3	7	26	<20
701325 3713200		<1	0.05	10	0.45	581	<1	0.02	25	1330	15	0.02	<2	3	15	<20
701350 3713200		<1	0.06	10	0.44	843	<1	0.03	26	3400	18	0.02	<2	3	28	<20
701375 3713200		<1	0.06	10	0.67	468	<1	0.02	29	1130	22	0.01	<2	5	19	<20
701400 3713200		<1	0.04	10	0.75	318	<1	0.02	25	360	14	0.01	<2	4	17	<20
701425 3713200		<1	0.06	10	0.61	346	<1	0.02	30	1020	13	0.01	<2	3	21	<20
701450 3713200		<1	0.08	20	1.08	659	1	0.02	39	580	26	0.01	2	8	27	<20
701475 3713200		<1	0.04	10	0.45	262	<1	0.01	21	490	10	<0.01	<2	2	13	<20
701500 3713200		<1	0.03	10	0.49	240	<1	0.02	26	350	11	<0.01	<2	3	13	<20



ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: RAM EXPLORATION LTD.
 8888 SHOOK ROAD
 MISSION BC V2V 7N1

Page: 3 - C
 Total # Pages: 3 (A - C)
 Finalized Date: 31-JAN-2012
 Account: PJA

Project: Honeymoon West

CERTIFICATE OF ANALYSIS VA12015596

Sample Description	Method Analyte Units LOR	ME- ICP41 Ti %	ME- ICP41 Ti ppm	ME- ICP41 U ppm	ME- ICP41 V ppm	ME- ICP41 W ppm	ME- ICP41 Zn ppm
		0.01	10	10	1	10	2
701150 3713200		0.09	<10	<10	44	<10	83
701175 3713200		0.12	<10	<10	47	<10	90
701200 3713200		0.12	<10	<10	50	<10	132
701225 3713200		0.12	<10	<10	49	<10	65
701250 3713200		0.11	<10	<10	52	<10	80
701275 3713200		0.13	<10	<10	53	<10	75
701300 3713200		0.14	<10	<10	54	<10	94
701325 3713200		0.12	<10	<10	46	<10	88
701350 3713200		0.10	<10	<10	43	<10	145
701375 3713200		0.12	<10	<10	52	<10	95
701400 3713200		0.18	<10	<10	57	<10	53
701425 3713200		0.12	<10	<10	50	<10	82
701450 3713200		0.14	<10	<10	69	<10	80
701475 3713200		0.14	<10	<10	45	<10	61
701500 3713200		0.17	<10	<10	48	<10	57