



## ASSESSMENT REPORT TITLE PAGE AND SUMMARY

**TITLE OF REPORT:** 2012 GEOLOGICAL AND GEOCHEMICAL REPORT ON THE NE BLOCK

**TOTAL COST:** \$10,800.50

**AUTHOR(S):** ALEXANDER NIELSEN; SCOTT CLOSE M.SC. P.GEO

**SIGNATURE(S):** SCOTT CLOSE

**NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):** NOT APPLICABLE

**STATEMENT OF WORK EVENT NUMBER(S)/DATE(S):** SEPTEMBER 29, 2011; EVENT # 5035747

**YEAR OF WORK:** 2012

**PROPERTY NAME:** NE BLOCK

**CLAIM NAME(S) (on which work was done):** NO NAMES. TENURE ID'S : 503522, 503525, 503527, 5294445

**COMMODITIES SOUGHT:** GOLD, COPPER

**MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:** NEARBY TO 104G 186

**MINING DIVISION:** LIARD

**NTS / BCGS:** 106G/3W

**LATITUDE:** \_\_\_\_\_ 57 ° \_\_\_\_\_ 05 \_\_\_\_\_ , \_\_\_\_\_ "

**LONGITUDE:** \_\_\_\_\_ 131 \_\_\_\_\_ ° \_\_\_\_\_ 08 \_\_\_\_\_ , \_\_\_\_\_ " (at centre of work)

**UTM Zone:** 9N      **EASTING:** 371000      **NORTHING:** 6330000

**OWNER(S):** ROMIOS GOLD RESOURCES INC. (MCLYMONT MINES SUBSIDIARY)

**MAILING ADDRESS:** 25 ADELAIDE ST EAST, SUITE 1010, TORONTO, ON, 35A 1S6

**OPERATOR(S) [who paid for the work]:** ROMIOS GOLD RESOURCES INC.

**MAILING ADDRESS:** SAME

**REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. Do not use abbreviations or codes)** NE BLOCK, VOLCANOGENIC MASSIVE SULPHIDE, GALORE CREEK, ROUND LAKE

### REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

Chadwick, P. (2010): 2010 Geological And Geochemical Report On The NE Block; Report submitted for assessment credit to the British Columbia Ministry of Energy, Mines and Petroleum Resources (#32048).

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	<b>800 metres</b>	<b>503522</b>	<b>\$ 10,266.50</b>
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Airborne			
GEOCHEMICAL (number of samples analysed for ... <b>41 element icp, REE, and fire assay for gold</b> )			
Soil			
Silt			
Rock	<b>5 rock samples</b>	<b>503522</b>	<b>\$ 534</b>
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
		<b>TOTAL COST</b>	<b>\$10,800.50</b>

**Romios Gold Resources Inc.**

**2012 GEOLOGICAL AND GEOCHEMICAL  
REPORT ON THE NE BLOCK**

Liard Mining Division  
NTS 104G 04E  
BCGS 104G 004  
57° 03' North Latitude  
131° 40' West Longitude

Prepared For:

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Romios Gold Resources

**Nov. 27 2012**

**SOW: 5395062**

## SUMMARY

The NE Block consists of 4 contiguous map-selection claims totaling 1669.97 ha in Northwestern British Columbia, approximately 150 kilometres northwest of Stewart within the Liard Mining Division. The NE Block claims straddle a large glacier, associated till field, and its drainage channels, which bisect the property and drain south into the headwaters of Sphaler creek.

Access to the property is from a seasonal base at kilometre 2 of the EskayCreek mine road or from the Bob Quinn Airstrip on Highway 37, approximately 55 kilometres to the east. The claims are wholly owned by Romios Gold Resources Inc.

Historical work on the property is limited to coverage during regional exploration programs and mapping and sampling traverses. No known Minfile showings are covered by the claims. The claims were originally staked by Romios in 2005 to cover favourable geology in a northeast trending valley. In 2007 Romios completed airborne geophysics over the property. In 2010 mapping, prospecting, follow-up of airborne geophysical results, and geochemical rock sampling were carried out with a total of 18 rock samples collected from the area. In 2011, Romios conducted prospecting, mapping, and rock sample collection over the NE Block.

During the 2012 Exploration season, Romios Gold Resources conducted mapping and sampling of both float and bedrock on the NE Block.

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## 1.0 INTRODUCTION

The NE block claims are held by Romios Gold Resources and are situated in northwestern British Columbia, between Barrick's past producing Eskay Creek Mine to the southeast and Novagold/Teck's proposed Galore Creek Mine to the northwest. This report describes the work completed by Romios on the NE Block claims during the 2012 summer exploration field season.

Over the 2012 season, Romios staff completed the following work on the property:

- Geochemical rock sampling, totaling 7 float samples over mineralization seen on the claims
- Geological mapping of mineralized float
- Collection of structural data

All work was completed out of the Newmont Lake camp, a Romios Gold Resources owned camp, located 3 km the south of Newmont Lake, and 15 km northeast of the Eskay Creek Mine access road.

## 2.0 PROPERTY DESCRIPTION AND LOCATION

The NE Block claims are located within the Coast Range Mountains approximately 150 kilometres northwest of Stewart and 100 kilometres southwest of Telegraph Creek in northwestern British Columbia (Figure 1). These claims lie within the Liard Mining Division, centred at 57° 05' 40" north latitude and 131° 08' 25" west longitude. The property is situated approximately 55 kilometres west of the Bob Quinn airstrip, which is located along the west side of highway 37.



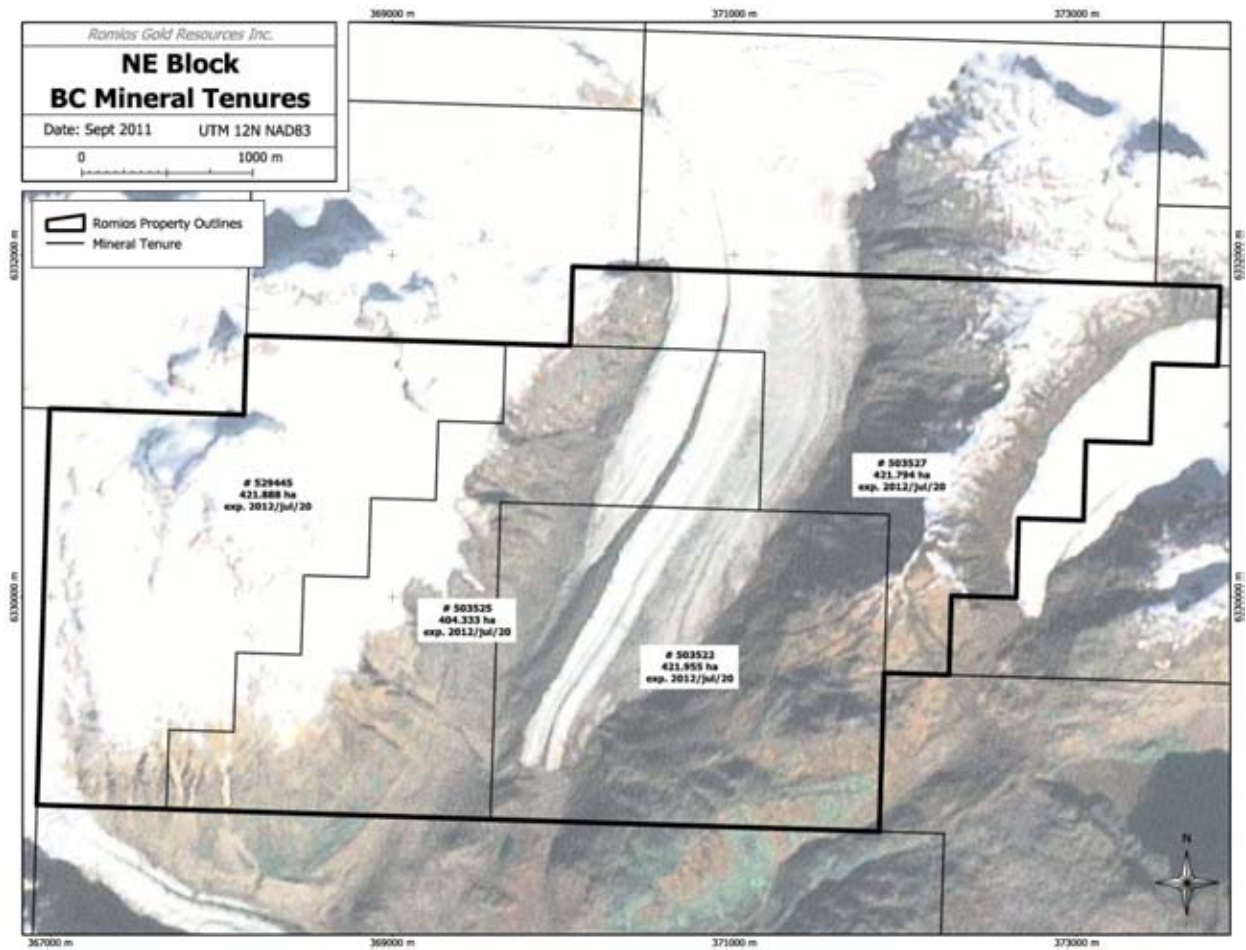
**Figure 1: Location Map of the NE Block**



The NE Block as staked consists of 4 contiguous map-selection claims totaling 1669.97 ha in Northwestern British Columbia, wholly owned by Romios Gold Resources Inc. A tabulated summary of the NE Block tenures are detailed in Table 2.1, and Figures 1 and 2 illustrate the NE Block tenure locations.

**Table 1: NE Block Tenure Details**

<b>Tenure Number</b>	<b>Claim Name</b>	<b>Owner</b>	<b>Tenure Type</b>	<b>Map Sheet</b>	<b>Issue Date</b>	<b>Good To Date</b>	<b>Area (ha)</b>
503522	sge1	146096 (100%)	Mineral	104G	2005/jan/14	2014/ma/20	421.955
503525	sge2	146096 (100%)	Mineral	104G	2005/jan/14	2014/ma/20	404.333
503527	sge3	146096 (100%)	Mineral	104G	2005/jan/14	2014/ma/20	421.794
529445		146096 (100%)	Mineral	104G	2006/mar/05	2014/ma/20	421.888
						<b>Total Area (ha)</b>	<b>1669.97</b>



**Figure 2: Tenure Map of the NE Block**

### 3.0 ACCESSIBILITY AND PHYSIOGRAPHY

Access to the property, and also the Newmont Lake camp, is via helicopter from the Bob Quinn airstrip. Bob Quinn is about 5 hours drive north of Terrace and about 6 hours northeast of Smithers, BC.

The NE Block claims straddle a large glacier that bisects the property and drains south into the headwaters of Sphaler Creek. Topography is rugged, typical of mountainous and glaciated terrain, with elevations ranging from 1020 metres at the toe of the glacier to almost 2300m on peaks in the west of the claims. Alpine heathers cover slopes above treeline, with alder and patches of scrubby spruce growing in subalpine areas. Steep escarpments of moraine mark both east and west edges of the glacier, with thick deposits of till forming an outwash plain below the toe of the glacier.

The NE Block claims can be worked from early June through until October, with best outcrop exposure occurring in mid to late August.

#### **4.0 HISTORICAL WORK**

The Galore Creek district was extensively explored for its copper potential throughout the 1960's following the discovery of the Galore Creek copper-gold porphyry deposit in 1955.

There are no known showings on the NE Block property, however, the closest showing, the Kidlet, is located adjacent to the eastern claim boundary. The Kidlet showing was staked by Roca during regional prospecting, and is now amalgamated within a larger claim block held by the Galore Creek Mining Corporation. The showing consists of heavy disseminated to massive pyrite associated with silicified limestone. The sulphide-rich lens is approximately 110m by 7-20m, oriented SW-NE, and dipping moderately to the west. Its western boundary is a probable fault zone within a creek drainage. The local area is underlain by an assemblage of limestone, marble and calcareous sedimentary rocks, which form part of the lower Carboniferous portion of the Stikine Assemblage. Zinc and lead values are below assay detection limits (<0.01%), and Cu is also low with the highest value of 5 samples (4 grabs and a 1.0 m chip) being 0.003%. Arsenic values are elevated and range between 0.07 - 0.54%, while silver values are 6.4 ppm or less. A gold value of 1.58 g/t was returned from one sample of massive pyrite in limestone (sample 126470), and a 1.0 m chip sample (sample 126467) assayed 0.16 g/t gold. The other 3 samples returned gold values between 0.07 and 0.19 g/t. (Sears, 2004)

Limited work on the property was completed in between 1988 and 1990 on what was then the "MUR" claims; Mur 1 (now tenure number 529445 and 503525) and Mur 3 (now tenure number 503522) are encompassed by the current NE Block claims. A reconnaissance geological-geochemical survey was completed on the Mur claims by Ashworth Explorations Limited during August 1988 which delineated two areas of interest. The first area was located at the southeastern boundary of the Mur 1 claim where a rock sample from float returned 620 ppb gold, 12.5 ppm silver and 2.34% copper. The second area of interest was located along the northeast corner where soil anomalies returned values ranging from 235 to 803 ppm zinc. (Kidlark, 1989)

Over the 1990 season, Goldbelt Mines Incorporated conducted a follow-up field program consisting of prospecting and geochemical rock, soil and stream sediment sampling. In total, 27 rock samples, 5 petrological samples, 268 soil samples and 45 silt samples were taken. The results of this program identified two anomalous areas on the Mur 3 claim. In the centre of the Mur 3 claim, a zone of high molybdenum in soils returned up

to 508 ppm. An anomalous area of high gold in stream sediments in the south of the MUR 3 claim returned values of up to 160ppb. (Yacoub, 1990)

In 2007, Romios Gold Resources flew airborne geophysics over the entire claim block. The 2007 Fugro<sup>1</sup> Airborne Geophysical Survey completed on the NE claim block consisted of 73 line kilometers of airborne geophysical data using a DIGHEM V electromagnetic system and magnetometer. Data acquisition, processing and presentation of results was completed by Fugro during the 2007 field season.

In 2010, mapping, prospecting, and geochemical rock sampling were carried out with a total of 18 rock samples collected from the area. A gold value of 0.018 g/t was returned from a grab sample, and another assayed 1420 ppm zinc. Analysis of airborne geophysical surveys flown in 2007 showed a strong northeast control to the survey results, delineating an elongate north to northeast trending zone of high resistivity to the east of the property. The northeast striking trend broadly parallels lithological contacts and fault contacts between Mesozoic and Paleozoic stratigraphy. Magnetics showed high values in the northern portion of the property with several spot highs in the south and east, and were not properly explained during the 2010 season.

In 2011 a program of prospecting, geochemical sampling and mapping was performed. Geological mapping was undertaken in the southeastern corner of the property in an area dominated by a massive, polymictic conglomerate. The clasts are composed of a mixture of sedimentary, intrusive and volcanic rocks. A biotite rich basalt dyke crosses the unit striking southwest, dipping moderately to the northwest. A thin plagioclase bearing felsic to intermediate volcanic lies to the south. There is no visible contact with the conglomerate. The volcanic appears to be tuffaceous with some indistinct bedding, and some trace angular clasts. A broad wacke makes up the southernmost portion of the mapped area. The wacke is interbedded with the volcanic to the north. The wacke is weakly bedded to massive.

Geochemical sampling in 2011 produced 5 rock samples for geochemical assay from mineralized and altered zones within the property however, this produced no significant assay results.

## **5.0 GEOLOGICAL SETTING**

### **5.1 REGIONAL GEOLOGY**

The regional geology in the Galore Creek area consists of mid-Paleozoic and Mesozoic island arc successions, intruded by Triassic, Jurassic, and Eocene plutons. Regional

mapping has been carried out at a scale of 1:50,000 by Logan et al (1989) and Logan and Koyanagi (1989, 1994) of the BCGS.

The Paleozoic Stikine Assemblage comprises four main subdivisions. Devonian to Carboniferous variably foliated limestone, phyllite, mafic and felsic flows and tuff is overlain apparently conformably by 700m of Lower to Middle Carboniferous limestone. The limestone sequences are overlain conformably to unconformably by greater than Sudden Para Font change

300m of Upper Carboniferous to Permian thick-bedded conglomerate, siliceous siltstone, and mafic to intermediate volcanoclastics. Lower Permian fossiliferous limestone locally over 800m thick caps the Stikine Assemblage.

A narrow belt of Lower and Middle Triassic sedimentary rocks comprising siltyshales, argillites, limy dolomitic siltstones, cherty siltstones, and rare carbonaceous limestones, extends northerly from Copper Canyon. Elsewhere, the Stikine Assemblage is unconformably overlain by island arc volcanic and sedimentary rocks of the Upper Triassic Stuhini Group.

Volcanic rocks comprise the bulk of the Stuhini Group stratigraphy in the Galore Creek area, with three different calcalkaline volcanic suites: a lower subalkaline hornblende-bearing basaltic andesite; a subalkaline to alkaline augite-porphyrific basalt; and an uppermost alkaline orthoclase and pseudoleucite-bearing shoshonitic basalt. The lower suite is most voluminous and least distinctive, with aphyric and sparse hornblende and plagioclase-phyric flows, breccia and tuff. Rocks are fine to medium-grained, massive and fragmental textures are common. The middle suite consists of augite and feldspar-phyric breccia flows and fragmental rocks. The upper volcanic unit consists of an interbedded sequence of basic, coarse pyroxene feldspar flow breccias, orthoclase-feldspar crystal tuffs, and coarse pseudoleucite flows and/or sills.

Unconformities separate the Upper Triassic Stuhini group composed mainly of submarine volcanic rocks from the chiefly subaerial Jurassic Hazelton Group of volcanic and sedimentary rocks. Rocks of the Hazelton Group encircle the northern Bowser Basin inboard (basinward) of the Upper Triassic Stuhini volcanic arc. The Hazelton Group consists of a lower sequence of intermediate flows and volcanoclastics, a felsic volcanic interval, and an upper sedimentary and submarine mafic volcanic accumulation.

Four suites of intrusive rocks have been distinguished in the region. The Hickman batholith (~230-226 Ma) is a composite 1200 km<sup>2</sup> body which shows crude zonation from pyroxene diorite in the core to biotitegranodiorite near the margins. The Galore Creek Intrusions (~210-198 Ma) consist of ten phases of orthoclase-porphyrific syenite intrusions cutting coeval Stuhini Group rocks of the upper volcanic unit (Logan, 2005;

Enns et al., 1995; Mortensen et al., 1995). These are spatially and genetically related to the Galore Creek and Copper Canyon Cu-Au porphyry deposits.

Calc-alkaline intrusions of the Early Jurassic Texas Creek suite (~205-187 Ma) are common throughout the Stewart/Unuk/Iskut/Galore area and are associated with a number of porphyry (Kerr) and related vein (Sulphurets, Scottie, Snip, Silbak Premier, Red Mountain) deposits.

Small Eocene (~51-55 Ma) circular stocks and plugs of biotite quartz monzonite are scattered throughout the area. Logan and Koyanagi (1994) believe them to be satellite bodies to the main Coast Plutonic Complex, which lies to the west. They are generally equigranular, medium-grained, and unaltered.

The dominant structures in the Galore Creek area are two approximately orthogonal fold trends: an earlier westerly trend; and a later one trending northerly. These structures deform earlier synmetamorphic, pre-Permian structures, and related northeast striking penetrative foliations. East-dipping reverse faults, which imbricate the Stikine Assemblage and offset Early Jurassic plutons, are associated with north-trending folding. Northeast sinistral fault zones and younger north-striking extensional faults host Eocene stocks and Miocene dykes respectively (Logan and Koyanagi, 1994).

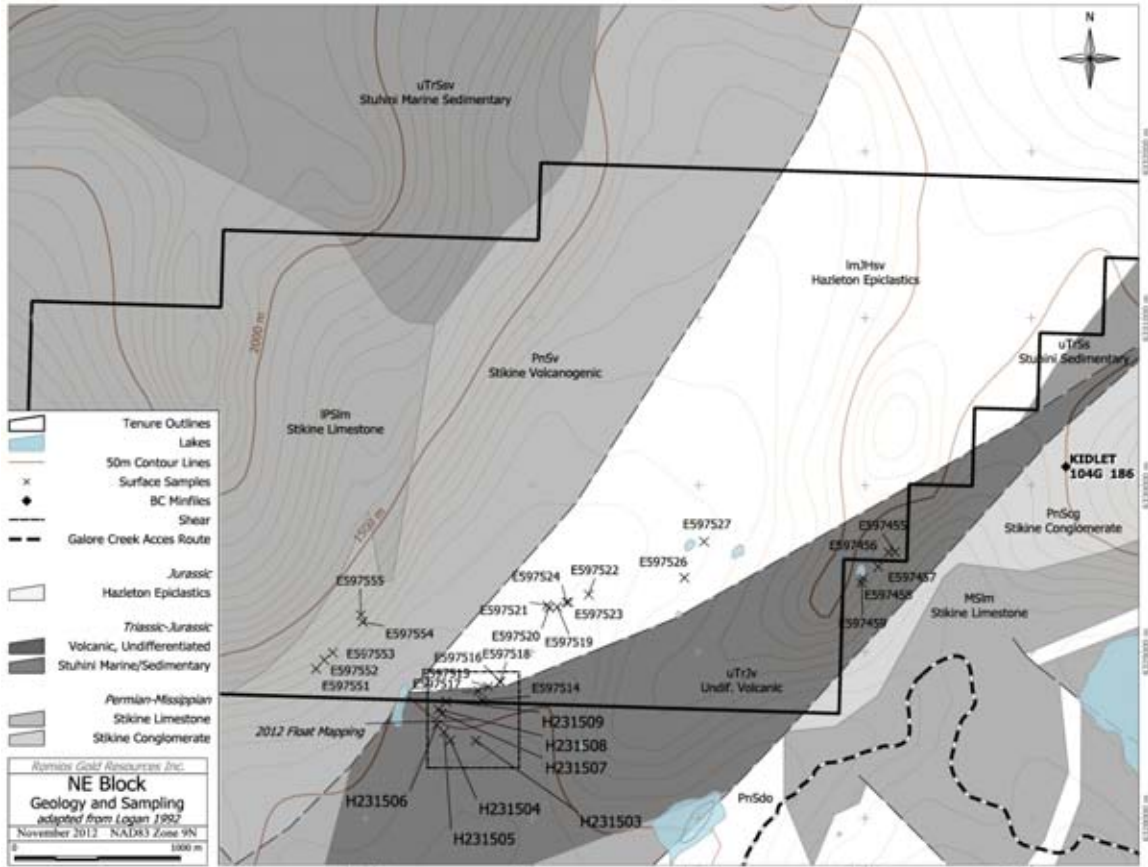
## 5.2 PROPERTY GEOLOGY

The NE Block property geology as mapped by the BCGS (2005) exposes volcanic and sedimentary rocks of Pennsylvanian to Triassic age, representing Stikine, Stuhini, and Hazelton group successions. Stikine Group volcanic and sedimentary rocks outcrop west of the glacier. East of the glacier, marine sedimentary and volcanic rocks of the Hazelton group and Stuhini volcanics are exposed.

The oldest stratigraphy on the property consists of Pennsylvanian volcanics and marine sediments located in the western region. These volcanics grade upward into deformed, interbedded sequences of calcareous and non-calcareous thinly bedded siltstones, maroon volcanoclastics, and bedded limestones. Volcanics are strongly chloritized and sheared with local folding and strong foliation.

A transitional contact into thick bedded to massive Permian limestone occurs as thickness and frequency of interbedded limestones increases near the top of the sequence and volcanic interbeds are lost. The fossiliferous Permian limestone is commonly recrystallized to marble with local oxidized limonite and hematite stained zones of structural deformation. Bedding in both units is variable, but conformable, dipping 25 to 50 degrees to the southwest. An inferred northeast striking fault places Paleozoic stratigraphy in the west against Mesozoic stratigraphy in the east. Similar

Paleozoic-Mesozoic fault contacts are controlled by northeast striking faults east of the property.



**Figure 3: Geology of the NE Block and sample locations; 2012 Sample Locations are in BOLD. Geology is adapted from Bulletin 92 (Logan and Koyanagi, 1992).**

Mesozoic stratigraphy to the east of the fault is classified as part of the Hazelton Group, a conformable succession of volcanic and sedimentary units. Resedimented volcanoclastics outcrop in the northeast of the property marking the top of the sequence of Hazelton rocks exposed on the property. The matrix-supported, heterolithic unit transitions into a crystal-lithic tuff closer to the contact with the underlying sedimentary rocks. Bedding in both units strikes east and dip moderately to the south.

Underlying the volcanoclastic unit is a well graded, well sorted clast to matrix supported conglomeratic unit with rounded to subrounded heterolithic clasts. Finely laminated calcareous to non-calcareous siltstones interbed the volcanoclastics and dominate lower in the sequence. Conformable bedding strikes east-southeast and dips moderately to the south.

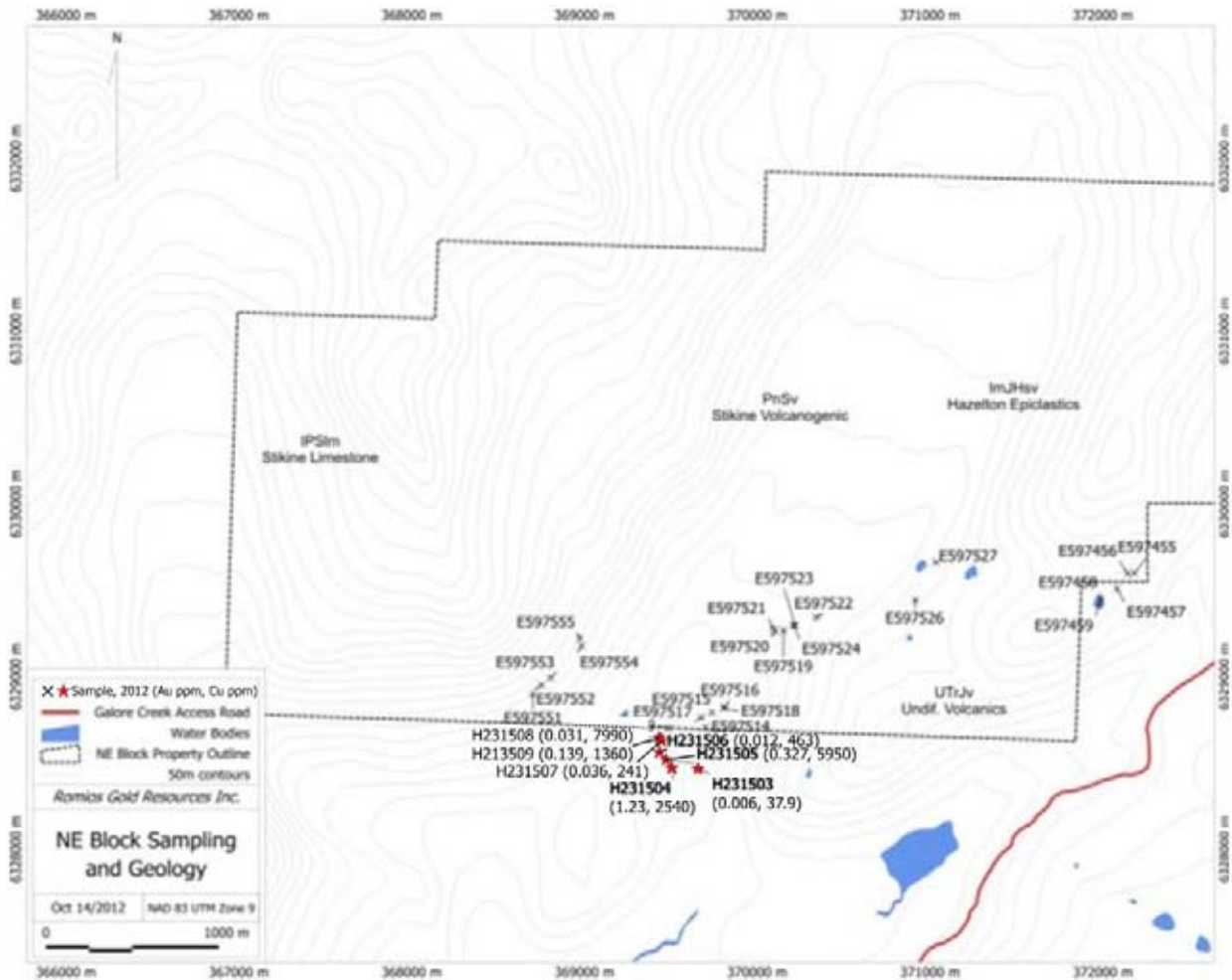
In the southeast region of the property a thick, heterolithic, matrix supported conglomerate outcrops. Clasts are poorly sorted and up to 150 cm in diameter. South of the conglomerate is a broad sandstone sedimentary unit. There are several pulses of plagioclase phyric volcanic. A steep, northwest striking felsite dyke intrudes siltstones and sandstones through a prominent cliff face. A unit of undifferentiated sedimentary and volcanic rocks comprise the area north of the conglomerate.

Meter scale Eocene basalt dykes cut all units on the property and can be biotitephyric, vesicular or aphanitic.

## **6.0 2012 EXPLORATION PROGRAM**

Over the course of the 2012 field season, exploration work was undertaken on the NE Block in the form of prospecting and geochemical rock sampling. The bulk of the traversable area on the property is covered by a till plain however, boulders of massive and semi-massive sulphide have been encountered during prospecting. The 2012 program focused on mapping the distribution of these sulphide bearing boulders in order to discover their source. This program was somewhat successful, as outcrop containing lenses and veins of pyrite was discovered. The thickness of sulphide in the outcrop however, was insufficient to have produced the local sulphide boulders though it is encouraging and suggests a local source for the sulphide boulders. The mineralized outcrop consisted of thinly layered (0.1-0.5m thick), well indurated, siliceous beds. Given the local volcanic stratigraphy, this is likely to be a series of tuff layers. Bedding was oriented 323/71.





**Figure 4: Sampling conducted on the NE Block, 2012 Samples in red stars (Au ppm, Cu ppm).**

### 6.1 2012 GEOCHEMICAL ROCK SAMPLING

**Table 2: Sample location, type and assay data**

Sample ID	Easting	Northing	Type	Au ppm	Ag ppm	Cu %	Zn ppm
H231503	369662	6328466	Float	0.006	0.28	0.00379	53
H231504	369510	6328468	Float	1.23	4.44	0.254	15
H231505	369473	6328517	Float	0.327	3.78	0.595	38
H231506	369429	6328560	Float	0.012	0.16	0.0463	51
H231507	369458	6328628	Float	0.036	0.61	0.0241	19
H231508	369438	6328653	Float	0.031	3.78	0.799	227
H231509	369486	6328701	Float	0.139	1.62	0.136	25

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

Float prospecting to the south of the NE Block turned up an area of till in which boulders of massive and semi-massive sulphide are relatively common. This area is down-ice from the NE Block, suggesting a possible source within the NE Block claims. Within this area, one bedrock exposure hosted conformable and crosscutting sulphide veins/lenses up to 5 mm thick. Given the mineralization present at the Kidlet MINFILE to the east, the massive nature of the sulphide suggests that the mineralization within the area will be hosted within VMS or other volcanogenically-active zones within the older Stikine Assemblage rocks. The NE Block, and particularly the Stikine assemblage units within the NE Block, therefore represents a viable target for VMS style mineralization. Exploration for this type of mineralization would be best accomplished with an IP/RES survey given the widespread till cover and nature of the mineralization.

## 8.0 EXPENDITURES

Over the 2012 season, a total cost of \$10800.50 was spent on the NE Block claims. Table 4 below contains a breakdown of the costs associated with the 2012 exploration program.

**Table 3: NE Block expenditures for the 2012 season**

<b>Expenditure</b>	<b>Cost</b>
<b>Transport (Eurostar A-Star)</b>	\$5004.00
<b>Personnel</b>	\$3732.50
<b>Assay</b>	\$534.00
<b>Camp Costs</b>	\$1530.00
<b>Total</b>	<b>\$10800.50</b>

## 9.0 BIBLIOGRAPHY

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## 10.0 GEOLOGIST'S CERTIFICATE

Scott Close, M.Sc., P.Geol  
91832 US Hwy 87  
Lewistown, MT U.S.A.  
59457  
scott@ethosgeo.com

I, Scott Close, do hereby certify:

THAT I am a geoscientist contracted by Romios Gold Resources Inc. with an office at 25 Adelaide Street East, Suite 1010, Toronto, Ontario, Canada,

THAT I am a graduate of Montana State University (2004) with a Bachelor of Science degree in Earth Science, and a graduate of Simon Fraser University in Burnaby, British Columbia (2006) with a Master of Science degree in Earth Science,

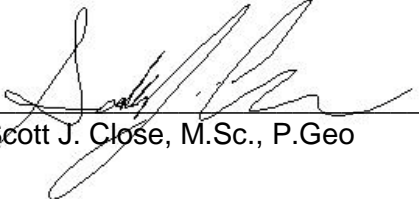
THAT I am designated a Professional Geologist registered with the Association of Professional Engineers and Geoscientists of British Columbia, Canada,

And I have practiced my professional continuously since 2000.

THAT I presently a consulting geologist and have been so since May 2006.

THAT this report is based on publicly available information, maps, and on original interpretation.

Dated this 27 day of November, 2012.



Scott J. Close, M.Sc., P.Geol

**APPENDIX I  
Rock Sample Data**

<b>SAMPLE</b>	<b>EASTING</b>	<b>NORTHING</b>	<b>Property</b>	<b>SAMPLE TYPE</b>	<b>Geologist</b>	<b>Color</b>	<b>Remarks</b>	<b>Py (%)</b>
<b>H231503</b>	369662	6328466	NE Block	Grab/Float	ML/AN	Grey	Grab samples/float/boulders from glacial till	35
<b>H231504</b>	369510	6328468	NE Block	Grab/Float	ML/AN	Grey/ Light Brown	Grab samples/float/boulders from glacial till	75
<b>H231505</b>	369473	6328517	NE Block	Grab/Float	ML/AN	Grey/ Light Brown	Grab samples/float/boulders from glacial till	65
<b>H231506</b>	369429	6328560	NE Block	Grab/Float	ML/AN	Grey/ White	Grab samples/float/boulders from glacial till	40
<b>H231507</b>	369458	6328628	NE Block	Grab/Float	ML/AN	Grey/ White	Grab samples/float/boulders from glacial till	50
<b>H231508</b>	369438	6328653	NE Block	Large Boulder	ML/AN	Grey/ White	Grab samples/float/boulders from glacial till	50
<b>H231509</b>	369486	6328701	NE Block	Large Boulder	ML/AN	Grey/ White	Grab samples/float/boulders from glacial till	55

## Appendix II

### Sample Petrochemical Data

ANALYTE	WtKg	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co
METHOD	WGH79	ICM40B	ICM40B	ICM40B	FAI313	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B
DETECTION	0.001	0.02	0.01	1	1	1	0.1	0.04	0.01	0.02	0.05	0.1
UNITS	kg	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm
H231503	1.77	0.28	9.46	9	6	1550	1.5	0.1	2.81	0.11	36.4	13.3
H231504	3.57	4.44	0.13	2530	1230	<1	<0.1	253	0.44	0.14	0.52	124
H231505	1.91	3.78	0.33	1840	327	11	<0.1	323	3.78	0.53	4.78	125
H231506	1.245	0.16	4.18	108	12	47	0.3	3.02	1.07	0.05	14.5	26.2
H231507	1.535	0.61	0.32	1220	36	7	<0.1	8.34	5.18	0.15	12.6	98.3
H231508	0.315	3.78	0.19	2300	31	6	<0.1	215	5.2	2.18	7.79	365
H231509	0.49	1.62	0.09	1750	139	<1	<0.1	34.9	3.21	0.12	2.58	139

ANALYTE	Cr	Cs	Cu	Fe	Ga	Hf	In	K	La	Li	Lu	Mg
METHOD	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B
DETECTION	1	5	0.5	0.01	0.1	0.02	0.02	0.01	0.1	1	0.01	0.01
UNITS	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%
H231503	9	<5	37.9	4.51	20.5	2.81	0.04	2.88	17.5	25	0.33	1.46
H231504	3	<5	2540	>15	0.5	<0.02	0.42	<0.01	0.5	<1	<0.01	0.07
H231505	7	<5	5950	>15	1	0.04	2.46	0.02	2.7	1	0.04	1.39
H231506	10	<5	463	7.33	30.3	0.54	0.23	0.09	6.5	47	0.08	3.38
H231507	8	<5	241	14.4	1.1	0.05	0.23	0.04	7.4	2	0.06	2.14
H231508	3	<5	7990	>15	1.2	0.05	2.9	0.03	10.2	<1	0.01	1.61
H231509	5	<5	1360	>15	0.9	0.03	0.3	0.02	2.1	<1	0.03	1.05

<b>ANALYTE</b>	<b>Mn</b>	<b>Mo</b>	<b>Na</b>	<b>Nb</b>	<b>Ni</b>	<b>P</b>	<b>Pb</b>	<b>Pd</b>	<b>Pt</b>	<b>Rb</b>	<b>S</b>	<b>Sb</b>	<b>Sc</b>
<b>METHOD</b>	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	FAI313	FAI313	ICM40B	ICM40B	ICM40B	ICM40B
<b>DETECTION</b>	2	0.05	0.01	0.1	0.5	50	0.5	1	10	0.2	0.01	0.05	0.1
<b>UNITS</b>	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	ppb	ppm	%	ppm	ppm
<b>H231503</b>	583	3.03	1.98	8.7	1	810	13.3	<1	<10	70.3	1.14	1.14	19.4
<b>H231504</b>	114	1.38	<0.01	0.3	<0.5	<50	103	1	<10	0.6	>5	135	0.2
<b>H231505</b>	429	3.05	<0.01	0.5	29.6	<50	158	<1	<10	1.5	>5	2050	0.7
<b>H231506</b>	244	1.44	<0.01	16.7	4.9	1310	17.6	<1	<10	2.3	2.55	6.51	5.2
<b>H231507</b>	511	2.26	<0.01	0.6	15.4	<50	23.5	1	<10	1.2	>5	73.8	1
<b>H231508</b>	432	3.57	<0.01	0.4	<0.5	<50	129	<1	<10	1.2	>5	779	0.2
<b>H231509</b>	490	1.41	<0.01	0.3	<0.5	110	32.1	<1	<10	0.8	>5	369	0.4

<b>ANALYTE</b>	<b>Se</b>	<b>Sn</b>	<b>Sr</b>	<b>Ta</b>	<b>Tb</b>	<b>Te</b>	<b>Th</b>	<b>Ti</b>	<b>Tl</b>	<b>U</b>	<b>V</b>	<b>W</b>
<b>METHOD</b>	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B
<b>DETECTION</b>	2	0.3	0.5	0.05	0.05	0.05	0.2	0.01	0.02	0.05	2	0.1
<b>UNITS</b>	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
<b>H231503</b>	<2	1	557	0.56	0.66	0.1	4.4	0.38	0.4	2.09	122	1
<b>H231504</b>	5	1.2	5.9	<0.05	<0.05	0.64	<0.2	<0.01	<0.02	0.11	<2	0.1
<b>H231505</b>	22	2.5	34.5	<0.05	0.14	0.48	0.4	<0.01	0.09	0.17	<2	4.5
<b>H231506</b>	3	2.8	31.2	0.8	0.32	0.09	1	0.35	0.02	0.87	114	11.8
<b>H231507</b>	18	0.4	47	<0.05	0.19	0.18	<0.2	<0.01	<0.02	0.09	<2	0.6
<b>H231508</b>	26	3.5	42.2	<0.05	0.12	0.35	0.3	<0.01	0.04	0.14	<2	0.4
<b>H231509</b>	10	0.6	20.1	<0.05	0.08	0.2	<0.2	<0.01	0.02	0.18	<2	0.2



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<b>ANALYTE</b>	<b>Y</b>	<b>Yb</b>	<b>Zn</b>	<b>Zr</b>	<b>Ag</b>	<b>Au</b>	<b>Cu</b>	<b>Zn</b>
<b>METHOD</b>	ICM40B	ICM40B	ICM40B	ICM40B	AAS42E	FAG303	ICP90Q	ICP90Q
<b>DETECTION</b>	0.1	0.1	1	0.5	0.3	1	0.01	0.01
<b>UNITS</b>	ppm	ppm	ppm	ppm	g/t	g/t	%	%
<b>H231503</b>	19.8	2	53	96	N.A.	N.A.	N.A.	N.A.
<b>H231504</b>	0.4	<0.1	15	4.7	N.A.	N.A.	N.A.	N.A.
<b>H231505</b>	5.3	0.3	38	3.9	N.A.	N.A.	N.A.	N.A.
<b>H231506</b>	7.7	0.6	51	32	N.A.	N.A.	N.A.	N.A.
<b>H231507</b>	6.9	0.4	19	4.4	N.A.	N.A.	N.A.	N.A.
<b>H231508</b>	5.3	0.1	227	5.5	N.A.	N.A.	N.A.	N.A.
<b>H231509</b>	3.4	0.2	25	4.3	N.A.	N.A.	N.A.	N.A.

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**APPENDIX III**  
**Certificates of Assay**

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## Certificate of Analysis

Work Order: TK120195

To: **TOM DRIVAS**  
**ROMIOS GOLD RESOURCES**  
25 ADELAIDE STREET EAST, SUITE 1010  
Toronto  
ON M5C 3A1

Date: Nov 28, 2012

P.O. No. : Newmont Lake Rock Grab/Ship#2012 Grab  
Project No. : NEWMONT LAKE ROCK GR  
No. Of Samples : 36  
Date Submitted : Aug 30, 2012  
Report Comprises : Pages 1 to 7  
(Inclusive of Cover Sheet)

**Distribution of unused material:**

Store for 90 days:

Certified By :



Satpaul Gill  
QAQC Chemist

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

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

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Element Method Det.Lim. Units	WtKg WGH79 0.001 kg	Au FAI313 1 ppb	Pt FAI313 10 ppb	Pd FAI313 1 ppb	Al ICM40B 0.01 %	Ba ICM40B 1 ppm	Ca ICM40B 0.01 %	Cr ICM40B 1 ppm	Cu ICM40B 0.5 ppm	Fe ICM40B 0.01 %
E597472	0.380	1640	<10	<1	6.17	50	0.12	10	461	14.7
E597473	0.845	7	<10	<1	8.75	343	4.85	9	49.1	3.44
E597474	0.640	16	<10	<1	6.63	407	2.62	18	447	14.3
E597477	1.770	>10000	<10	<1	1.00	80	0.19	11	4000	1.28
E597478	0.755	12	<10	<1	7.51	1660	0.33	7	<0.5	3.93
E597489	1.040	20	<10	16	11.7	208	4.71	18	9.5	6.37
E597490	1.025	314	<10	8	6.20	82	4.45	13	57.5	10.0
E597491	0.520	79	<10	2	2.04	234	0.11	14	247	3.01
E597492	0.590	8	<10	<1	1.60	140	0.33	14	21.2	1.80
E597493	1.235	4	<10	2	5.98	599	2.95	40	12.8	4.98
E597494	1.885	2	<10	<1	1.15	2860	0.30	13	2.5	0.96
E597495	0.950	4	<10	5	6.94	7690	0.66	31	3450	1.65
E597496	0.800	2	<10	7	7.49	2090	4.91	105	43.0	4.70
E597497	0.740	3	<10	<1	10.2	702	0.71	30	88.2	4.28
E597498	0.560	8	<10	3	10.7	169	1.06	1	1020	12.5
E597499	0.760	28	<10	<1	2.04	850	10.7	4	8090	1.86
E594101	1.630	5	<10	4	8.67	234	12.3	85	37.4	5.98
E594102	0.910	3	<10	<1	9.54	498	5.14	17	1.5	6.41
E594103	0.200	33	<10	<1	5.66	211	6.04	11	250	11.5
E594104	0.980	1580	<10	<1	6.50	93	1.95	66	>10000	>15.0
E594105	0.725	6	<10	<1	9.93	353	4.39	122	70.5	7.31
E594106	1.595	19	<10	<1	8.35	532	3.13	16	89.8	3.15
H231501	2.060	4	<10	<1	0.47	589	>15.0	<1	141	4.44
H231502	1.415	3	<10	<1	6.14	145	>15.0	9	15.2	3.27
H231503	1.770	6	<10	<1	9.46	1550	2.81	9	37.9	4.51
H231504	3.570	1230	<10	1	0.13	<1	0.44	3	2540	>15.0
H231505	1.910	327	<10	<1	0.33	11	3.78	7	5950	>15.0
H231506	1.245	12	<10	<1	4.18	47	1.07	10	463	7.33
H231507	1.535	36	<10	1	0.32	7	5.18	8	241	14.4
H231508	0.315	31	<10	<1	0.19	6	5.20	3	7990	>15.0
H231509	0.490	139	<10	<1	0.09	<1	3.21	5	1360	>15.0
H231512	0.885	2440	<10	<1	0.23	54	0.04	10	<0.5	0.97
H231513	0.495	625	<10	<1	0.76	113	0.25	25	44.2	1.50
H231514	0.700	15	<10	<1	8.36	1890	0.17	6	1.3	1.74
H231515	0.575	6	<10	<1	0.75	39	0.04	25	1.9	1.46
H231516	0.655	2	<10	<1	0.84	295	2.25	40	11.8	1.75

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Element Method Det.Lim. Units	K ICM40B 0.01 %	Li ICM40B 1 ppm	Mg ICM40B 0.01 %	Mn ICM40B 2 ppm	Na ICM40B 0.01 %	Ni ICM40B 0.5 ppm	P ICM40B 50 ppm	S ICM40B 0.01 %	Sr ICM40B 0.5 ppm	Ti ICM40B 0.01 %
E597472	1.66	26	0.75	369	0.49	8.3	410	>5.00	38.7	0.23
E597473	0.25	16	1.02	1020	4.75	1.9	560	0.01	180	0.20
E597474	0.44	48	1.55	1630	1.55	13.6	350	2.95	90.2	0.18
E597477	0.10	<1	0.06	152	0.07	4.0	<50	0.34	27.0	0.01
E597478	2.21	2	0.38	300	3.94	1.5	790	0.31	479	0.16
E597489	0.79	10	2.21	1140	3.15	10.9	490	0.55	324	0.34
E597490	2.25	3	0.66	1350	0.52	1.4	190	>5.00	83.5	0.12
E597491	0.55	2	0.35	723	0.05	10.7	100	0.06	25.6	0.03
E597492	0.28	3	0.46	445	0.28	10.4	150	0.02	19.8	0.05
E597493	0.89	12	1.94	1150	1.32	29.1	440	<0.01	184	0.27
E597494	0.38	29	0.06	176	0.08	4.0	240	0.28	3610	0.04
E597495	4.08	18	0.23	135	1.20	5.5	2040	0.26	450	0.31
E597496	3.12	29	1.32	1020	1.41	28.0	2720	0.03	833	0.44
E597497	3.54	45	0.63	141	0.08	24.7	990	0.04	55.5	0.48
E597498	1.87	37	0.26	227	2.59	8.0	270	>5.00	207	0.15
E597499	0.37	15	0.83	2360	0.12	2.0	390	0.74	4560	0.10
E594101	2.60	16	2.06	989	0.99	26.0	530	<0.01	240	0.38
E594102	1.01	27	3.97	716	2.31	10.8	2040	<0.01	423	1.23
E594103	0.32	12	3.98	1590	0.82	18.9	580	0.66	179	0.37
E594104	0.41	32	2.79	762	1.85	103	290	>5.00	326	0.29
E594105	1.51	38	5.04	1620	2.14	56.1	610	<0.01	439	0.43
E594106	0.80	22	1.23	627	3.71	5.9	360	0.03	356	0.24
H231501	0.01	<1	8.33	>10000	0.02	0.6	70	2.07	96.3	<0.01
H231502	1.38	3	0.65	2070	2.66	1.5	2730	<0.01	151	0.48
H231503	2.88	25	1.46	583	1.98	1.0	810	1.14	557	0.38
H231504	<0.01	<1	0.07	114	<0.01	<0.5	<50	>5.00	5.9	<0.01
H231505	0.02	1	1.39	429	<0.01	29.6	<50	>5.00	34.5	<0.01
H231506	0.09	47	3.38	244	<0.01	4.9	1310	2.55	31.2	0.35
H231507	0.04	2	2.14	511	<0.01	15.4	<50	>5.00	47.0	<0.01
H231508	0.03	<1	1.61	432	<0.01	<0.5	<50	>5.00	42.2	<0.01
H231509	0.02	<1	1.05	490	<0.01	<0.5	110	>5.00	20.1	<0.01
H231512	0.07	<1	0.01	227	<0.01	4.7	<50	0.03	5.0	<0.01
H231513	0.16	<1	0.04	301	0.10	6.5	50	0.17	20.6	<0.01
H231514	3.37	6	0.30	220	2.62	1.4	370	0.05	108	0.14
H231515	0.10	2	0.30	304	0.02	7.8	<50	<0.01	5.0	<0.01
H231516	0.33	12	0.18	682	0.01	8.4	540	0.08	49.9	0.03

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Element Method Det.Lim. Units	V ICM40B 2 ppm	Zn ICM40B 1 ppm	Zr ICM40B 0.5 ppm	Ag ICM40B 0.02 ppm	As ICM40B 1 ppm	Be ICM40B 0.1 ppm	Bi ICM40B 0.04 ppm	Cd ICM40B 0.02 ppm	Ce ICM40B 0.05 ppm	Co ICM40B 0.1 ppm
E597472	138	1400	17.4	6.15	391	0.6	25.8	9.71	9.81	100
E597473	108	41	24.3	0.18	168	0.3	0.54	0.47	20.3	10.1
E597474	130	523	14.0	1.97	889	0.3	0.96	8.99	8.10	88.9
E597477	6	24	3.0	>10.0	2	0.1	28.8	1.79	5.99	2.2
E597478	96	29	6.1	0.08	<1	1.6	0.19	0.04	18.5	22.9
E597489	317	127	8.5	0.16	3	0.5	0.39	0.07	7.84	33.5
E597490	137	35	2.5	0.61	4	0.5	3.42	0.25	11.6	28.5
E597491	64	27	3.4	0.41	2	0.2	0.08	0.13	2.79	30.0
E597492	44	32	2.6	0.07	2	0.1	0.07	0.09	1.54	9.8
E597493	212	78	5.7	0.03	1	0.4	0.05	0.15	9.90	25.3
E597494	28	9	7.4	0.02	<1	0.4	<0.04	<0.02	5.20	2.1
E597495	119	22	63.5	0.10	10	1.1	<0.04	0.03	25.3	3.5
E597496	184	68	58.9	0.02	5	1.2	<0.04	0.09	36.4	24.4
E597497	189	55	55.3	0.35	52	1.5	0.10	0.06	48.0	25.5
E597498	23	156	30.8	1.21	235	0.6	0.34	1.76	22.4	21.4
E597499	30	121	11.1	>10.0	106	0.3	0.86	3.71	32.8	5.9
E594101	181	35	23.2	0.08	8	0.3	0.10	0.03	7.51	31.6
E594102	194	80	48.8	0.06	7	0.5	0.10	0.07	18.2	26.6
E594103	118	114	14.9	0.49	25	0.5	0.29	0.22	7.37	91.3
E594104	206	63	21.7	>10.0	198	0.3	4.69	1.01	55.7	2410
E594105	289	91	30.8	0.24	10	0.7	0.11	0.09	10.1	44.7
E594106	122	42	52.1	0.07	3	0.9	0.07	0.11	19.2	10.3
H231501	8	>10000	1.4	>10.0	19	0.1	<0.04	343	2.07	4.4
H231502	146	73	11.2	0.05	2	0.5	<0.04	0.30	13.2	5.7
H231503	122	53	96.0	0.28	9	1.5	0.10	0.11	36.4	13.3
H231504	<2	15	4.7	4.44	2530	<0.1	253	0.14	0.52	124
H231505	<2	38	3.9	3.78	1840	<0.1	323	0.53	4.78	125
H231506	114	51	32.0	0.16	108	0.3	3.02	0.05	14.5	26.2
H231507	<2	19	4.4	0.61	1220	<0.1	8.34	0.15	12.6	98.3
H231508	<2	227	5.5	3.78	2300	<0.1	215	2.18	7.79	365
H231509	<2	25	4.3	1.62	1750	<0.1	34.9	0.12	2.58	139
H231512	4	8	1.4	0.43	2	<0.1	0.09	0.06	0.51	2.8
H231513	5	15	2.8	0.23	13	0.2	1.30	0.10	12.6	5.0
H231514	56	38	6.3	0.08	8	2.7	0.16	0.15	35.9	4.7
H231515	22	19	2.5	0.03	<1	<0.1	0.05	0.03	0.68	4.9
H231516	11	13	8.9	0.11	9	0.5	0.14	0.08	8.25	3.8

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Element Method Det.Lim. Units	Cs ICM40B	Ga ICM40B	Hf ICM40B	In ICM40B	La ICM40B	Lu ICM40B	Mo ICM40B	Nb ICM40B	Pb ICM40B	Rb ICM40B
	5 ppm	0.1 ppm	0.02 ppm	0.02 ppm	0.1 ppm	0.01 ppm	0.05 ppm	0.1 ppm	0.5 ppm	0.2 ppm
E597472	<5	18.5	0.36	4.10	4.5	0.08	3.77	1.3	216	54.2
E597473	<5	15.1	0.63	0.09	10.2	0.22	1.68	1.3	13.6	9.8
E597474	<5	20.5	0.30	0.37	4.0	0.17	3.69	0.9	99.8	12.8
E597477	<5	1.2	0.07	0.08	3.1	0.02	4.81	0.6	1920	4.2
E597478	<5	18.2	0.31	0.04	9.0	0.09	3.14	2.8	20.1	29.3
E597489	<5	21.1	0.27	0.14	3.1	0.26	0.60	0.6	18.3	19.9
E597490	<5	17.0	0.05	0.12	4.4	0.45	1.39	0.5	12.6	53.6
E597491	<5	4.2	0.08	0.04	1.2	0.06	5.46	0.8	15.8	16.1
E597492	<5	3.1	0.07	<0.02	0.7	0.03	2.87	0.5	22.6	8.8
E597493	<5	12.9	0.19	0.04	6.6	0.14	1.54	1.1	17.3	25.9
E597494	<5	2.8	0.20	<0.02	4.0	0.03	3.65	1.8	13.8	12.7
E597495	<5	14.2	1.85	0.04	12.9	0.18	1.30	12.0	14.0	91.6
E597496	<5	14.5	1.70	0.05	18.1	0.25	1.86	5.6	16.8	77.0
E597497	5	18.9	0.91	0.05	24.1	0.15	4.49	2.7	9.8	77.3
E597498	<5	22.0	1.05	<0.02	10.2	0.32	5.66	2.7	237	37.4
E597499	<5	3.8	0.33	0.10	14.5	0.26	1.30	0.9	24.3	11.0
E594101	<5	13.2	0.71	0.05	3.0	0.20	1.05	0.5	13.0	107
E594102	<5	20.3	1.59	0.06	6.6	0.42	0.73	1.0	16.2	34.0
E594103	<5	12.3	0.45	0.16	3.5	0.21	1.01	0.6	24.8	11.4
E594104	<5	15.2	0.73	0.59	30.5	0.36	49.2	0.8	93.9	15.6
E594105	<5	17.8	1.04	0.07	4.0	0.31	1.26	0.9	26.6	41.8
E594106	<5	15.7	1.92	0.05	12.3	0.21	1.87	3.1	16.1	23.4
H231501	<5	4.6	0.02	<0.02	3.1	0.05	0.89	<0.1	26.5	1.0
H231502	<5	11.9	0.22	0.05	5.2	0.33	0.54	<0.1	16.3	27.9
H231503	<5	20.5	2.81	0.04	17.5	0.33	3.03	8.7	13.3	70.3
H231504	<5	0.5	<0.02	0.42	0.5	<0.01	1.38	0.3	103	0.6
H231505	<5	1.0	0.04	2.46	2.7	0.04	3.05	0.5	158	1.5
H231506	<5	30.3	0.54	0.23	6.5	0.08	1.44	16.7	17.6	2.3
H231507	<5	1.1	0.05	0.23	7.4	0.06	2.26	0.6	23.5	1.2
H231508	<5	1.2	0.05	2.90	10.2	0.01	3.57	0.4	129	1.2
H231509	<5	0.9	0.03	0.30	2.1	0.03	1.41	0.3	32.1	0.8
H231512	<5	0.8	0.04	<0.02	0.3	0.01	4.01	0.6	18.7	2.2
H231513	<5	1.8	0.06	<0.02	7.1	0.03	4.88	1.0	19.5	5.1
H231514	<5	22.3	0.34	0.04	18.7	0.10	4.07	7.6	22.3	75.0
H231515	<5	1.8	0.06	<0.02	0.3	<0.01	4.08	0.7	14.3	3.3
H231516	<5	2.8	0.17	0.02	3.3	0.08	8.83	0.9	11.4	9.8

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Element Method Det.Lim. Units	Sb ICM40B 0.05 ppm	Sc ICM40B 0.1 ppm	Se ICM40B 2 ppm	Sn ICM40B 0.3 ppm	Ta ICM40B 0.05 ppm	Tb ICM40B 0.05 ppm	Te ICM40B 0.05 ppm	Th ICM40B 0.2 ppm	Tl ICM40B 0.02 ppm	U ICM40B 0.05 ppm
E597472	10.7	15.3	8	1.1	0.06	0.18	13.0	0.6	0.79	0.44
E597473	1.81	14.5	<2	0.9	0.07	0.46	0.31	1.0	0.06	0.62
E597474	20.0	12.1	<2	0.5	0.05	0.25	0.12	0.7	0.19	0.37
E597477	0.70	1.1	3	<0.3	<0.05	<0.05	1.31	0.7	0.02	2.43
E597478	0.18	11.0	3	0.8	0.18	0.26	0.07	3.6	0.32	1.54
E597489	2.72	40.2	<2	1.0	<0.05	0.48	0.20	0.3	0.11	0.30
E597490	0.57	23.6	<2	1.4	<0.05	0.64	2.26	<0.2	0.32	0.13
E597491	0.52	6.2	<2	0.4	<0.05	0.07	0.09	0.4	0.09	0.18
E597492	0.37	4.7	<2	<0.3	<0.05	0.05	0.07	0.4	0.05	0.09
E597493	0.89	25.5	<2	0.5	<0.05	0.37	<0.05	0.2	0.15	0.11
E597494	3.31	3.8	<2	0.3	<0.05	0.05	<0.05	0.4	0.05	0.23
E597495	7.33	17.7	<2	1.0	0.56	0.32	<0.05	4.1	0.41	1.60
E597496	3.71	32.1	<2	1.0	0.29	0.57	<0.05	3.6	0.40	1.71
E597497	24.0	25.9	<2	0.8	0.16	0.74	0.19	1.6	0.24	0.62
E597498	0.84	13.8	7	0.3	0.20	0.54	0.71	3.7	0.27	1.73
E597499	519	7.2	<2	0.4	<0.05	0.81	<0.05	1.3	0.40	0.60
E594101	2.05	38.3	<2	0.4	<0.05	0.33	<0.05	0.6	0.66	3.97
E594102	4.13	46.1	<2	0.7	<0.05	1.07	<0.05	0.8	0.30	0.69
E594103	0.94	17.7	<2	0.6	<0.05	0.41	<0.05	0.7	0.22	0.35
E594104	9.10	32.0	18	1.8	<0.05	1.35	2.61	0.6	0.15	5.48
E594105	3.60	49.1	<2	0.4	0.06	0.53	<0.05	0.7	0.25	0.37
E594106	0.49	13.2	<2	0.6	0.21	0.24	<0.05	12.5	0.18	2.62
H231501	51.3	0.7	<2	<0.3	<0.05	0.11	<0.05	0.3	0.03	0.26
H231502	0.18	28.7	<2	<0.3	<0.05	0.73	<0.05	0.5	0.04	0.84
H231503	1.14	19.4	<2	1.0	0.56	0.66	0.10	4.4	0.40	2.09
H231504	135	0.2	5	1.2	<0.05	<0.05	0.64	<0.2	<0.02	0.11
H231505	2050	0.7	22	2.5	<0.05	0.14	0.48	0.4	0.09	0.17
H231506	6.51	5.2	3	2.8	0.80	0.32	0.09	1.0	0.02	0.87
H231507	73.8	1.0	18	0.4	<0.05	0.19	0.18	<0.2	<0.02	0.09
H231508	779	0.2	26	3.5	<0.05	0.12	0.35	0.3	0.04	0.14
H231509	369	0.4	10	0.6	<0.05	0.08	0.20	<0.2	0.02	0.18
H231512	0.40	0.3	<2	<0.3	<0.05	<0.05	<0.05	<0.2	<0.02	0.27
H231513	6.16	0.6	<2	0.3	<0.05	0.09	<0.05	1.3	0.04	0.60
H231514	0.67	6.1	<2	1.5	0.52	0.29	<0.05	14.5	0.51	2.80
H231515	0.51	1.3	<2	<0.3	<0.05	<0.05	<0.05	0.3	<0.02	0.09
H231516	1.80	1.7	<2	0.4	<0.05	0.20	<0.05	0.3	0.10	0.35

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Final : TK120195 Order: Newmont Lake Rock Grab/Ship#2012 Grab

Element Method Det.Lim. Units	W ICM40B 0.1 ppm	Y ICM40B 0.1 ppm	Yb ICM40B 0.1 ppm	Cu ICP90Q 0.01 %	Zn ICP90Q 0.01 %	Ag AAS42E 0.3 g/t	Au FAG303 1 g/t
E597472	1.8	4.5	0.5	N.A.	N.A.	N.A.	N.A.
E597473	1.8	15.0	1.4	N.A.	N.A.	N.A.	N.A.
E597474	1.6	9.5	1.0	N.A.	N.A.	N.A.	N.A.
E597477	0.2	1.1	<0.1	N.A.	N.A.	44.4	20
E597478	1.6	5.1	0.5	N.A.	N.A.	N.A.	N.A.
E597489	2.0	16.3	1.7	N.A.	N.A.	N.A.	N.A.
E597490	11.0	20.1	2.7	N.A.	N.A.	N.A.	N.A.
E597491	1.7	2.6	0.4	N.A.	N.A.	N.A.	N.A.
E597492	1.5	1.9	0.2	N.A.	N.A.	N.A.	N.A.
E597493	1.8	12.0	0.9	N.A.	N.A.	N.A.	N.A.
E597494	0.1	1.7	0.1	N.A.	N.A.	N.A.	N.A.
E597495	0.4	9.1	1.0	N.A.	N.A.	N.A.	N.A.
E597496	0.8	15.9	1.6	N.A.	N.A.	N.A.	N.A.
E597497	1.3	14.3	1.0	N.A.	N.A.	N.A.	N.A.
E597498	0.5	16.8	2.0	N.A.	N.A.	N.A.	N.A.
E597499	<0.1	24.1	1.8	N.A.	N.A.	31.3	N.A.
E594101	0.4	11.8	1.2	N.A.	N.A.	N.A.	N.A.
E594102	0.8	29.7	2.8	N.A.	N.A.	N.A.	N.A.
E594103	0.1	15.0	1.4	N.A.	N.A.	N.A.	N.A.
E594104	1.9	27.2	2.5	1.19	N.A.	35.1	N.A.
E594105	0.8	17.7	1.9	N.A.	N.A.	N.A.	N.A.
E594106	0.4	8.1	1.1	N.A.	N.A.	N.A.	N.A.
H231501	<0.1	9.2	0.3	N.A.	4.29	18.1	N.A.
H231502	<0.1	24.8	2.1	N.A.	N.A.	N.A.	N.A.
H231503	1.0	19.8	2.0	N.A.	N.A.	N.A.	N.A.
H231504	0.1	0.4	<0.1	N.A.	N.A.	N.A.	N.A.
H231505	4.5	5.3	0.3	N.A.	N.A.	N.A.	N.A.
H231506	11.8	7.7	0.6	N.A.	N.A.	N.A.	N.A.
H231507	0.6	6.9	0.4	N.A.	N.A.	N.A.	N.A.
H231508	0.4	5.3	0.1	N.A.	N.A.	N.A.	N.A.
H231509	0.2	3.4	0.2	N.A.	N.A.	N.A.	N.A.
H231512	0.2	0.5	<0.1	N.A.	N.A.	N.A.	N.A.
H231513	0.3	1.9	0.2	N.A.	N.A.	N.A.	N.A.
H231514	4.1	4.9	0.6	N.A.	N.A.	N.A.	N.A.
H231515	0.3	0.6	<0.1	N.A.	N.A.	N.A.	N.A.
H231516	0.2	6.1	0.5	N.A.	N.A.	N.A.	N.A.

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