

## ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: 2012 Geological and Geochemical Report on the NW Block

**TOTAL COST:** \$10,635.30

AUTHOR(S): Alexander Nielsen; Scott Close M.Sc. P.Geo

SIGNATURE(S): Scott Close

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

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

YEAR OF WORK: 2012

PROPERTY NAME: NW Block

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

No names. Tenure #'s 511905, 511906, 511907, 540446

**COMMODITIES SOUGHT:** Copper, Gold, Silver

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 104G 100; 104G 052

MINING DIVISION: Liard NTS / BCGS: 104G 04E

LATITUDE: \_\_\_\_\_57\_\_\_\_° \_\_\_\_03\_\_\_\_\_' \_\_\_\_\_"

LONGITUDE: \_\_\_\_131\_\_\_\_° \_\_\_40\_\_\_\_' \_\_\_\_ " (at centre of work)
UTM Zone: 9 N EASTING: 339300 NORTHING: 6328400

**OWNER(S):** Romios Gold Resources Inc.

MAILING ADDRESS: 25 Adelaide Street East, Suite 1010, Toronto, ON, M5C 3A1

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**) NW Block, Galore, Porphyry, Stikine Assemblage, Stuhini Group, Potassic

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

Caulfield, D.A. (1989): Geological and Geochemical Report on the PL 7-11 Claims; Report submitted for assessment credit to the British Columbia Ministry of Energy, Mines and Petroleum Resources Assessment Report (#19534).

Chadwick, P. (2010): 2010 Geological and Geochemical Report on the NW Block; Report submitted for assessment credit to the British Columbia Ministry of Energy, Mines, and Responsible for Housing Assessment Report (#32049).

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	Approx. 1.0 kilometre	511906	11,109.80
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Airborne			
GEOCHEMICAL (number of sampliCP, REE, and Gold)	les analysed for 41		
Soil			
Silt			200
Rock	3	511906	392
Other			
DRILLING (total metres, number of	f holes, size, storage location)		
Core			
RELATED TECHNICAL		_	
Sampling / Assaying		Same as above	
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (sca	ale, area)		
Legal Surveys (scale, area	)		
Road, local access (km)/tra	il		
Trench (number/metres)			
Underground development	(metres)		
Other			
		TOTAL COST	\$11,451.50

BC Geological Survey Assessment Report 33452

# Romios Gold Resources Inc.

# 2012 GEOLOGICAL AND GEOCHEMICAL REPORT ON THE NW BLOCK

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

Prepared For:

ROMIOS GOLD RESOURCES INC. 25 Adelaide St. East, Suite #1010 Toronto, Ontario M5C 3A1

Prepared By:

Alexander Nielsen, M.Sc., GIT Scott Close, M.Sc., P.Geo

Romios Gold Resources Inc.

Nov. 27 2012

SOW: 5395063

### SUMMARY

The NW Block consists of 4 contiguous map-selection claims totalling 1548.13 ha in Northwestern British Columbia, approximately 150 kilometres northwest of Stewart within the Liard Mining Division. The NW Block claims lies northeast of the confluence of the Porcupine river into the Stikine River.

Access to the property is from a seasonal base at Kilometre 2 of the Eskay mine road and from the Bob Quinn Airstrip on Highway 37, approximately 85 kilometres to the east. The claims are wholly owned by Romios Gold Resources Inc.

Historic work on the property is limited to coverage during regional exploration programs; one minfile location - the Cam showing (Minfile 104G 100) was identified on the claims. The claims were originally staked by the Romios Gold Resources in 2005 to cover favourable geology and historic sampling assay results. In 2007, Romios completed airborne geophysics over the property.

In 2010, Romios completed mapping, prospecting, follow-up of airborne geophysical results, and geochemical rock sampling. In total, 9 rock samples were collected from the area.

Over the 2011 season, Romios completed exploration efforts over the NW Block in the form of prospecting and geochemical rock sampling. A total of 10 rock samples were collected.

During the 2012 exploration season, Romios Gold Resources conducted geochemical sampling and prospecting over the NW Block. Three rock samples were collected and sent for geochemical analysis and assay.

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#### 1.0 INTRODUCTION

The NW Block claims held by Romios Gold resources are situated within the Golden Triangle area, Northwestern British Columbia, near 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 NW Block claims during the 2012 summer exploration field season.

The NW Block claims consist of 4 wholly owned, contiguous claim blocks totalling 1548.13ha held by Romios Gold Resources.

Over the 2012 season, Romios completed the following exploration efforts on the property:

- Geochemical rock sampling, totaling three select samples
- Geological prospecting.

All work was completed out of the Newmont Lake camp, located 3 kilometers to the south of Newmont lake, along the outflowing river that originates in Newmont lake

## 2.0 PROPERTY DESCRIPTION AND LOCATION

The NW 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° 03′ 02″ north latitude and 131° 40′ 17″ west longitude. The property is about 85 kilometres west of the Bob Quinn airstrip, which is located along the west side of highway 37.

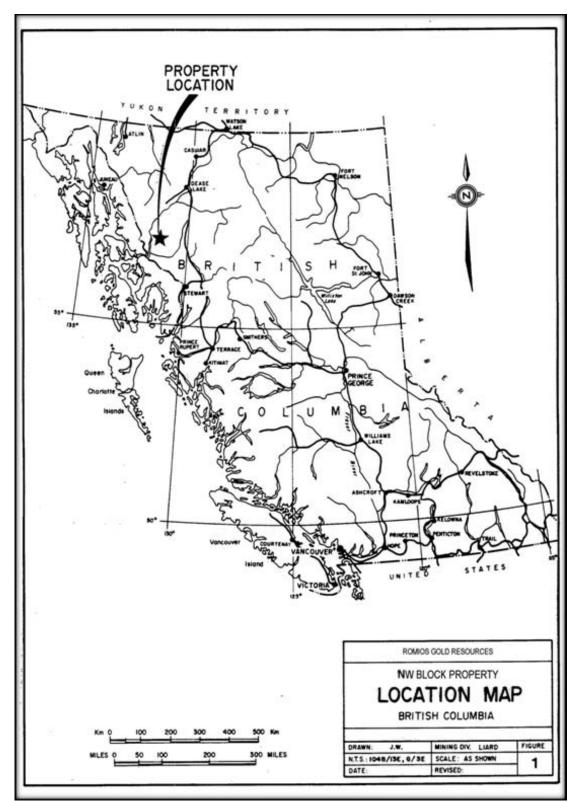


Figure 1: Location Map of the NW Block

The NW Block as staked consists of 4 contiguous map-selection claims totalling 1548.13 ha in Northwestern British Columbia, wholly owned by Romios Gold Resources Inc..

Below is a tabulated summary of the NW Block tenure.

Table 1: Claim status and tenure

Owner	Type	Map Number	Issue Date	Good To Date	Area (ha)
					439.862
, ,			,	,	439.678
` /			<del>' ' '</del>		246.349
` '			1	,	
146096 (100%)	Mineral	104G	'	422.2438 <b>1548.13</b>	
	146096 (100%) 146096 (100%) 146096 (100%) 146096 (100%)	146096 (100%) Mineral 146096 (100%) Mineral 146096 (100%) Mineral	146096 (100%)     Mineral     104G       146096 (100%)     Mineral     104G       146096 (100%)     Mineral     104G	146096 (100%)     Mineral     104G     2005/may/01       146096 (100%)     Mineral     104G     2005/may/01       146096 (100%)     Mineral     104G     2005/may/01       146096 (100%)     Mineral     104G     2006/sep/05	146096 (100%)         Mineral         104G         2005/may/01         20/jul/2014           146096 (100%)         Mineral         104G         2005/may/01         20/jul/2014           146096 (100%)         Mineral         104G         2005/may/01         20/jul/2014

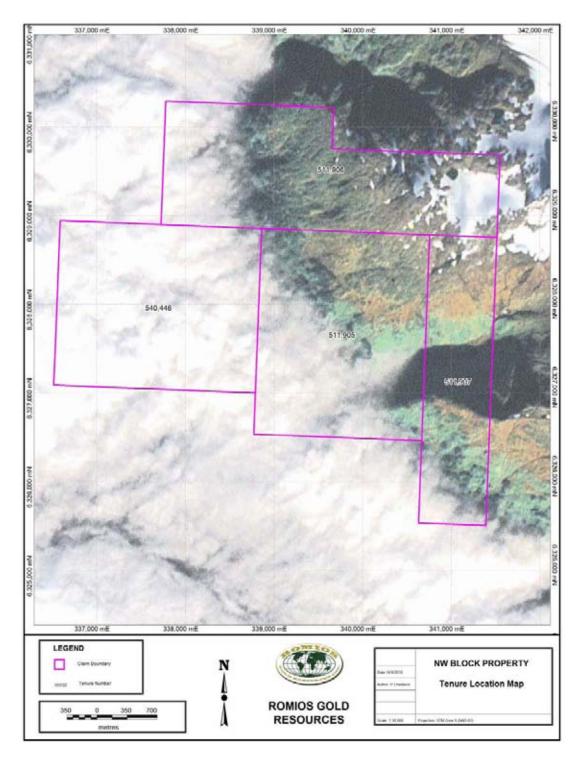


Figure 2: Tenure Map of the NW Block

## 3.0 ACCESSIBILITY AND PHYSIOGRAPHY

Access to the property is via helicopter from the Bob Quinn airstrip. Bob Quinn is an approximately 5 hours drive north of Terrace and about 5 hours north of Smithers, BC.

An abandoned airstrip is located on the Porcupine river, 2km south of the property; the airstrip has not been used since the 1960's but is still visible above the banks of the Porcupine river. In the 1960's, Julian Mining Co. Ltd. constructed a cat road from the Porcupine River airstrip up Split Creek to their Sue copper porphyry prospect. This cat road - which would require reconstruction - passes through the NW Block claims, allowing the possibility of economical mobilization of heavy equipment in future ventures.

The NW Block claims is located northeast of the confluence of the Porcupine River into the Stikine River. A north-east trending, steep-sided river canyon cuts through the southeastern corner of the property.

Topography is rugged, typical of mountainous and glaciated terrain, with elevations ranging from 130m in the west of the property - on the slopes above the Stikine River - to 1550m on peaks in the northeast of the claims. Alpine heathers cover slopes above treeline, with alder and patches of scrubby spruce growing in subalpine areas. Mature forests of hemlock and spruce with an underbrush of devil's club and huckleberry grow on lower slopes below treeline. Permanent snow and glacier persist on the flanks of the peaks in the northeast of the claims.

The NW 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 in 1955 of the Galore Creek copper-gold porphyry deposit. This work led to the discovery of the Copper Canyon Deposit (1957) and several Cu-Au porphyry prospects including the JW and Trek. A second wave of exploration in the late 1980's focused on gold, following the discovery of the Snip and Eskay Creek mines 50 kilometres to the south and the recognition that similar geology extends north through the Galore Creek area.

In the mid 1950's, prospecting crews for K.J. Springer noted abundant low-grade chalcopyrite mineralization on the north side of Split Creek, approximately two kilometres northeast of the property. In 1964 and 1965, Julian Mining Company Ltd. conducted geological mapping, induced polarization surveys, bulldozer trenching and 2,190 metres of diamond drilling on these showings, called the Ann or Su prospect. Julian Mining intersected extensive mineralization grading 0.1 percent to 0.2 percent copper. Limited bulldozer trenching and diamond drilling was also conducted on the southside of Split Creek to test magnetic anomalies that extend southerly across the creek (B.C.D.M., 1966). Throughout the 1960's and 1970's, the Ann/Su prospect was evaluated by several other operators for its porphyry copper potential. In 1981, Teck Corp. staked the Ann/Su prospect and conducted a reconnaissance silt sampling program for base and precious metals over the immediate area. Detailed follow-up work over the resulting geochemical anomalies led to the discovery of the Paydirt gold deposit situated approximately

one kilometres northeast of the central Ann/Su copper porphyry deposit. Soil and rock geochemical sampling, trenching and 760 metres of diamond drilling on the Paydirt deposit delineated 185,000 tonnes of possible reserves grading 4.11 grams gold per tonne (Holtby, 1985).

Southeast of the NW Block claims, Consolidated Goldwest Resources Ltd. discovered significant gold-silver mineralization in the Deluxe Zone on the Wiser IV claim in 1989 (now the Royce Claim block also held by Romios Gold Resources). Grab samples from silicified and pyritic bands within a broader sericitized alteration zone assay up to 10.5 g/t (0.306 opt) gold. One float sample of quartz-sulphide vein material is reported to assay 282 grams per tonne (8.25 opt) gold and 704 grams per tonne (20.5 opt) silver (Kasper, 1989).

In 1990, extensive mapping of the Deluxe Zone on the Wiser property did not reveal the source of the 282 g/t Au float, which may have come down a side-creek to the west of the main Deluxe Creek. Six drill holes targeting the northward extension of the Deluxe Zone intersected extensive sericite-pyrite alteration, but only narrow, low-grade (<2 g/t) gold-bearing zones (Kasper, 1991).

Historic work identified one showing on the NW Block; the Cam showing (Minfile 104G 100) is located in the west of the property. Historic copper values were reported in rusty contact zones between phyllitic quartzite and quartz-monzonite rocks. Trenching and blasting to expose fresh rock surfaces was completed in 1968, and mineralization was described as up to 10% pyrite and lesser chalcopyrite. No samples were reported from the showing.

Reconnaissance exploration consisting of geological mapping, prospecting and geochemical sampling was carried out by Equity Engineering for Royce Industries over the eastern NW Block claims during September and October of 1989 following successful results in nearby reconnaissance programs. In total, 12 rock samples and 11 silt samples were taken from within the current NW Block claims. Grades of up to 2.25 g/t Ag, 270ppm Au and 176 ppm Cu were returned from rock sampling and 1.57 g/t Ag, 205ppm Au and 71 ppm Cu from silt sampling in the Split Creek area of the property.

In 2007, Romios Gold Resources flew airborne geophysics over the entire claim block. The Fugro<sup>1</sup> Airborne Geophysical Survey completed on the NW claim block consisted of 82 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.

Over the 2010 season, Romios completed property wide mapping and prospecting, follow-up of geophysical anomalies seen in 2007 airborne surveys and geochemical rock sampling. Airborne geophysics showed two regionally continuous linear breaks in magnetics and a second northwest trending feature which is cut by the northeast trending feature. Magnetic highs on the property appear to be elongate in a northwest/southeast direction with an increase in magnetic response in the southeast of the property. A total of 9 grab samples were collected over mineralization seen on the claims. Grades of up to 16.5 g/t Au and 0.547% Cu were returned

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<sup>&</sup>lt;sup>1</sup> Fugro Airborne Surveys, 2270 Argentia Road, Unit 2, Missisauga, Ontario, Canada. L5N 6A6 Phone : 1-905-812-0212 Fax : 1-905-812-1504

from the grab samples. The highest gold values came from quartz veins, which are prominent property wide but contain highly variable grades.

Over the course of the 2011 field season exploration work was undertaken on the NW Block in the form of prospecting and geochemical rock sampling. A total of 8 grab samples and 1 float sample were taken from the northwest region of the property. Phaneritic, equigranular, white and black granodiorite was encountered during sampling. Few quartz veins were exposed in the outcrop. Alteration consisted of patchy and vein epidote, accompanied by minor, patchy potassic alteration. Trace pyrite mineralization was encountered in the float sample. All samples returned gold and silver values below detection limits, and low copper values.

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

A narrow belt of Lower and Middle Triassic sedimentary rocks, comprising silty shales, 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-porphyritic 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 seperate the Upper Triassic Stuhini group – mainly submarine volcanic rocks – from the chiefly subaerial Jurassic Hazelton Group 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 volcaniclastics, a felsic volcanic interval and an upper sedimentary and 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 km² body which shows crude zonation from pyroxene diorite in the core to biotite granodiorite near the margins. The Galore Creek Intrusions (~210-198 Ma) consist of ten phases of orthoclase-porphyritic 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.

Calcalkaline intrusions of the Early Jurassic Texas Creek suite (~205-187 Ma) are common through 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, mediumgrained 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 NW Block property is underlain by Upper Paleozoic volcanic and sedimentary strata of the Devonian to Permian Stikine Assemblage. Metamorphosed, strongly foliated rocks of phyllite, argillaceous quartzite, quartz-sericite schist, chlorite schist, greenstone, minor chert, schistose tuff and limestone make up the assemblage of weak to moderately metamorphosed rocks. The prominent local foliation strikes northwest across the property. Rusty orange metasediments have strongly defined foliation which trends south to south-southeast and dips 45 - 65 degrees. Disseminated pyrite is commonly found along shears or laminations/beds within this unit.

The Stikine rocks are intruded by the Mesozoic Texas Creek Plutonic Suite of early Jurassic calc-alkaline, diorite-monzodiorite to gabbroic intrusive rocks. These rocks are characteristically deformed and metamorphosed to greenschist grade and are thought to be coeval with Hazelton Group volcanics. The local intrusive bodies comprise fine to coarse-grained hornblende monzodiorite, quartz monzonite and syn to post-volcanic intrusions which may be equigranular to porphyritic or aphanitic. The suite includes hypabyssal equivalents of Hazelton Group extrusive rocks, dated regionally to be 185 - 205 M.

A potassium feldspar megacrystic intrusive unit cuts the Texas Creek diorite and is interpreted to be younger, although in several locations the age relationship between the two units is unclear. Locally it appears that the diorite had either not fully cooled prior to emplacement of the megacrystic stock or was significantly re-heated within and proximal to the contact margins, and

in areas of intense dyking. Contacts show marked evidence of heat and fluid flow, such as highly irregular margins, elongate, fluidal clasts of diorite within the megacrystic intrusive and well defined flow banding within the diorite. A swarm of basalt dykes which intrude the megacrystic stock in the northwest region of the property may account for many of these textures in the intrusive. Miarolitic cavities containing elongate hornblende laths to 3cm, biotite, potassium feldspar and quartz are also commonly seen.

Potassium feldspar megacrystic stocks have been historically mapped adjacent to the property by Kerr (1948a). Megacrystic dykes and stocks are spatially associated with mineralization in the silica-undersaturated alkalic porphyry system at Galore Creek therefore the presence of megacrystic intrusives at the NW Block warrant further interpretation.

In the southeastern corner of the property, Mesozoic marine, arc-related volcanic and sedimentary rocks of the Upper Triassic Stuhini Group are in fault contact with the Stikine Assemblage. The Stuhini volcanics are described as variegated mafic to intermediate lapilli tuff, lesser ash, breccia and tuffite. Volcanics are mainly green and maroon in colour and occur as massive, aphyric or plagioclase and augite phyric to coarsely bladed plagioclase porphyry flows and sills. A late, planar, through-going rhyolite dyke cuts intrusive units near the eastern contact of the Stikine rocks. The dyke is very similar to regional occurrences of rhyolite intrusive interpreted to be Tertiary in age. '

Several smaller stocks of the Cenozoic Major Hart pluton outcrop southeast of the property, related to a large pluton emplaced west of the property across the Stikine River. The Major Hart pluton is described as a granitic, alkali feldspar-bearing intrusive, miarolitic in part, undeformed and dated at 41.6 M.

## 6.0 2012 EXPLORATION PROGRAM

The 2012 exploration program on the NW Block consisted of prospecting and geochemical sampling. The focus of the program was the sheeted quartz veins that had been identified in previous years' programs.

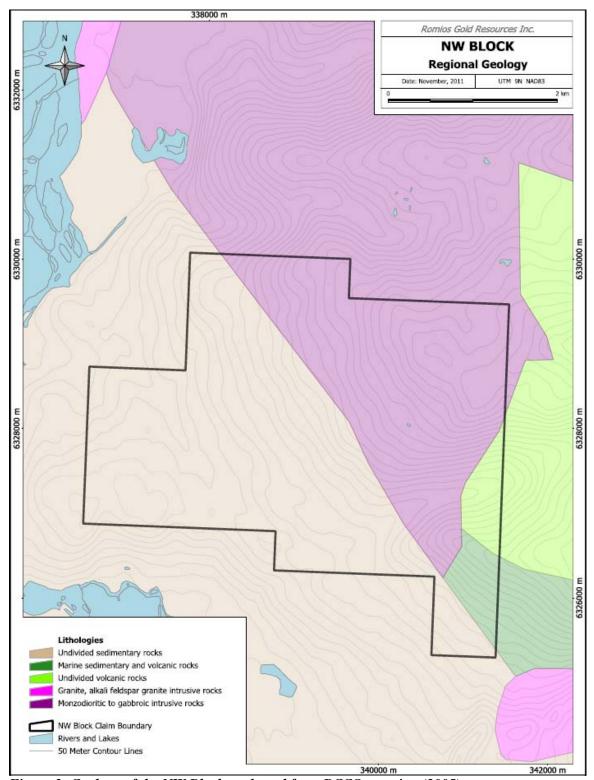
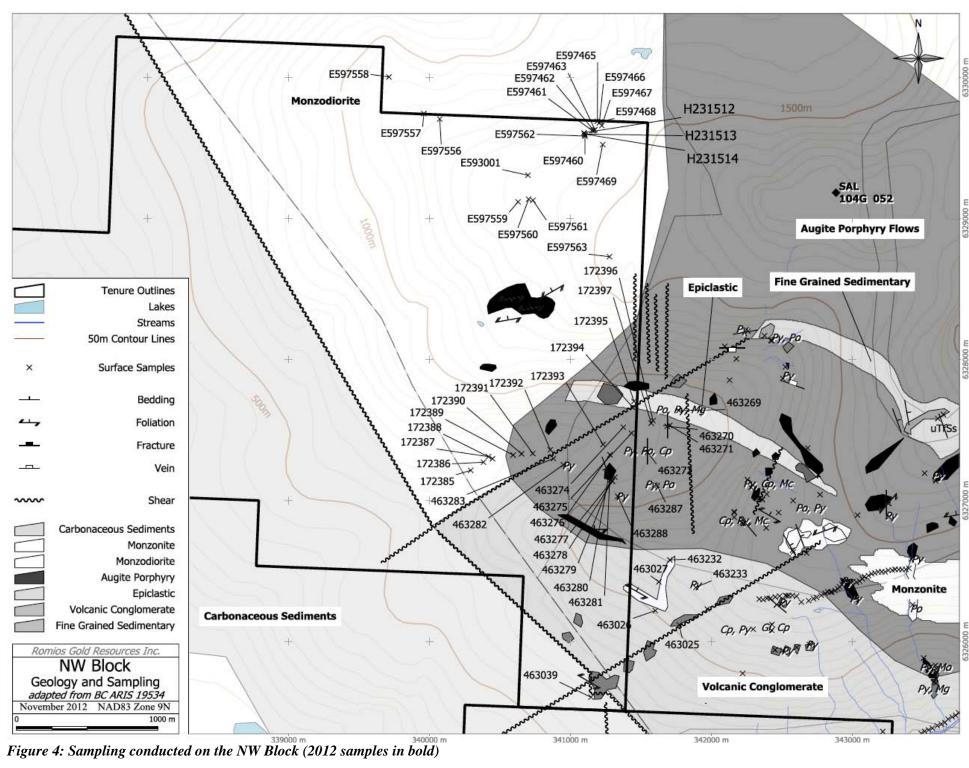


Figure 3: Geology of the NW Block – adapted from BCGS mapping (2005).



Sample	Company	Date	Туре	Au (g/t)		Ag (g/t)
H231512	Romios	2012	Select	2.44	0.25	0.43
H231513	Romios	2012	Select	0.625	44.2	0.23
H231514		2012	Select	0.015	1.3	0.08
E597460	Romios	2011	Float	< 0.005	17	<0.5
E597461	Romios	2011	Grab	<0.005	4	<0.5
E597462	Romios	2011	Grab	< 0.005	5	<0.5
E597463	Romios	2011	Grab	< 0.005	5	<0.5
E597465	Romios	2011	Grab	< 0.005	2	<0.5
E597466	Romios	2011	Grab	< 0.005	2	<0.5
E597467	Romios	2011	Grab	< 0.005	2	<0.5
E597468	Romios	2011	Grab	<0.005	6	<0.5
E597469	Romios	2011	Grab	< 0.005	2	< 0.5
E593001	Romios	2010	Grab	< 0.005	23	<0.5
E597556	Romios	2010	Grab	< 0.005	2	<0.5
E597557	Romios	2010	Grab	< 0.005	4	<0.5
E597558	Romios	2010	Grab	0.005	6	< 0.5
E597559	Romios	2010	Grab	1.65	1895	19.3
E597560	Romios	2010	Grab	< 0.005	12	< 0.5
E597561	Romios	2010	Grab	0.197	5470	11.1
E597562	Romios	2010	Grab	16.5	740	4.2
E597563	Romios	2010	Grab	0.01	36	0.2
463039	<b>Equity Engineering</b>	1989	Rock	0.03	0.008	0
463232	<b>Equity Engineering</b>	1989	Rock	0.25	0.012	0
463027	<b>Equity Engineering</b>	1989	Rock	0.01	0.006	0
463233	<b>Equity Engineering</b>	1989	Rock	0.00	0.002	0
463024	<b>Equity Engineering</b>	1989	Rock	0.02	0.010	0
463025	Equity Engineering	1989	Rock	0.03	0.012	0
463026	Equity Engineering	1989	Rock	0.03	0.007	0
463269	Equity Engineering	1989	Rock	0.00	0.002	0
463270	Equity Engineering	1989	Rock	0.04	0.010	0
463271	Equity Engineering	1989	Rock	0.10	0.000	0
463254	Equity Engineering	1989	Rock	3.17	1.000	32.4
172395	Equity Engineering	1989	Rock	0.00	0.011	0
172394	Equity Engineering	1989	Rock	0.00	0.008	0
172396	Equity Engineering	1989	Rock	0.00	0.006	0
172397	Equity Engineering	1989	Rock	0.00	0.007	0
463275	Equity Engineering	1989	Rock	0.03	0.008	0
463274	Equity Engineering	1989	Rock	0.03	0.008	0
463272	Equity Engineering	1989	Rock	0.00	0.043	0
463287	Equity Engineering	1989	Rock	0.01	0.008	0.35
463288	Equity Engineering	1989	Rock	0.27	0.018	2.25
463278	Equity Engineering	1989	Rock	0.02	0.011	0
463277	Equity Engineering	1989	Rock	0.02	0.009	0
463279	원 회사 시간		Rock	0.00		0
	Equity Engineering	1989 1989	Rock	0.00	0.007	0
463280	Equity Engineering				0.000	
463281	Equity Engineering	1989	Rock	0.01	0.010	0
463282	Equity Engineering	1989	Rock	0.02	0.016	0
463276	Equity Engineering	1989	Rock	0.03	0.005	0
463283	Equity Engineering	1989	Rock	0.01	0.006	0
172392	Equity Engineering	1989	Rock	0.01	0.011	0
172393	Equity Engineering	1989	Rock	0.00	0.008	0
172391	Equity Engineering	1989	Rock	0.13	0.008	0
172390	Equity Engineering	1989	Rock	0.01	0.003	0
172389	Equity Engineering	1989	Rock	0.00	0.006	0
172388	Equity Engineering	1989	Rock	0.21	0.007	0
172387	Equity Engineering	1989	Rock	0.00	0.004	0
172386	Equity Engineering	1989	Rock	0.04	0.004	0
172385	<b>Equity Engineering</b>	1989	Rock	0.00	0.007	0

## 6.1 2012 GEOCHEMICAL ROCK SAMPLING

A total of three samples were taken from the NW Block in 2012. Two were from quartz veins and the other was from the silicified country rock adjacent to quartz veins. Results from the quartz veins had higher concentrations of precious metals than the sample from the country rock. Assay results are tabulated below. Full geochemical data is available in Appendix I

Table 2: Sample location, description and assay data

SAMPLE	EASTING	NORTHING	Remarks	Ag ppm	Au ppb	Cu ppm
H231512	341097	6329608	Quartz veins, eschalon veining ~7cm wide with Feox along fractures	0.43	2440	<0.5
H231513	341101	6329599	Chip amalgate over 1m along quartz veins	0.23	625	44.2
H231514	341101	6329599	Silicified host rock around quartz veins	0.08	15	1.3

#### 7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the work completed on the NW Block it can be concluded that the quartz veins on the property represent an interesting target for exploration, as they contain appreciable amounts of gold. Further work should be conducted to determine the extent of the quartz veins on the property and if possible, the source and timing of these veins.

## 8.0 EXPENDITURES

Over the 2012 season, a total cost of \$ 11451.00was spent on the NW Block claims. Below is a breakdown of the costs associated with the 2011 exploration program.

Table 3: NW Block expenditures for the 2012 season

EXPENDITURES	COST	
ASSAYING	ALS Chemex	\$392.00
	5 samples sent for 61 element 4 Acid, Fire Assay Gold Pd/Pt, and Rare Earth Element	
	(Including heli and truck transport to Telkwa from property, shipping, and logging = \$7.4/lb)	

HELICOPTER	Lakelse Air	\$7,272.00				
	Helicopter Time	\$1500/hr	2 return trip @	② .8 hours per leg		\$5,400.00
	Aviation Fuel		180 litres/hr	@ 3.25/litre		\$1,872.00
CAMP COSTS						\$1,080.00
McLymont Camp	180/person per day			6	Man Days	\$1,080.00
	(Man days include					
PERSONNEL			, ,			\$2,707.50
Name	Position	Day Rate	Field Days	Office Days	Total	
Scott Close	Geologist	\$625.00	1	.5 – Report Writing	1.5	\$937.50
Mort Larsen	Geologist	\$425.00	1	1 – Report Writing	2	\$850.00
Nathan Danz	Geologist	\$400.00	1	1 – Report Writing	2	\$800.00
Sarah Hasek	Claims Admin	\$400.00		0.3- Claim Admin	0.3	\$120.00
		-			-	
TOTAL JULY 22	-25 2012 EXPENDITU	RES NW BL	OCK			\$11,451.50

#### 9.0 BIBLIOGRAPHY

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## **10.0 GEOLOGIST'S CERTIFICATE**

Scott Close, M.Sc., P.Geo 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 Bridtish 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<sup>th</sup> day of November, 2012.

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

# APPENDIX I GEOCHEMICAL ROCK SAMPLING ASSAY RESULTS

SAMPLE	EASTING	NORTHING	Property	SAMPLE TYPE	SAMPLER	Color	Remarks
H231512	341097	6329608	NW Block	Select	SC/ND	White/Tan	Quartz veins, eschalon veining ~7cm wide with Feox along fractures
H231513	341101	6329599	NW Block	Select	SC/ND	White/Tan	Chip amalgate over 1m along quartz veins
H231514	341101	6329599	NW Block	Select	SC/ND	White/Tan	Silicified host rock around quartz veins

SAMPLE	Ру	Сру	Mal	FeOx	Other	Style
H231512	0	).5		8		V
H231513	O	).5		10		V
H231514	1	5		10		D/V

SAMPLE	Ag_ppm	Al	As	Au	Ва	Ве	Bi	Ca	Cd	Се	Со
H231512	0.43	0.23	2	2440	54	<0.1	0.09	0.04	0.06	0.51	2.8
H231513	0.23	0.76	13	625	113	0.2	1.3	0.25	0.1	12.6	5
H231514	0.08	8.36	8	15	1890	2.7	0.16	0.17	0.15	35.9	4.7

SAMPLE	Cr		Cs	Cu	Fe	Ga	Hf	In	K	La	Li	Lu	ı
H231512		10	<5	<0.5	0.97	0.8	0.04	<0.02	0.07	0.3	<1		0.01
H231513		25	<5	44.2	1.5	1.8	0.06	<0.02	0.16	7.1	<1		0.03
H231514		6	<5	1.3	1.74	22.3	0.34	0.04	3.37	18.7		6	0.1

SAMPLE	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Pd	Pt	Rb
H231512	0.01	227	4.01	<0.01	0.6	4.7	<50	18.7	<1	<10	2.2
H231513	0.04	301	4.88	0.1	1	6.5	50	19.5	<1	<10	5.1
H231514	0.3	220	4.07	2.62	7.6	1.4	370	22.3	<1	<10	7.

SAMPLE	S		Sb	Sc	Se	Sn	Sr	Та	Tb	Te	Th	Ti
H231512		0.03	0.4	0.3	<2	<0.3	5	<0.05	<0.05	<0.05	<0.2	<0.01
H231513	(	0.17	6.16	0.6	<2	0.3	20.6	<0.05	0.09	<0.05	1.3	<0.01
H231514	(	0.05	0.67	6.1	<2	1.5	108	0.52	0.29	<0.05	14.5	0.14

SAMPLE	TI	U V	v w	Υ		Yb	Zn	Zr	
H231512	<0.02	0.27	4	0.2	0.5	<0.1	8	1.4	
H231513	0.04	0.6	5	0.3	1.9	0.2	15	2.8	
H231514	0.51	2.8	56	4.1	4.9	0.6	38	6.3	

# APPENDIX II Certificates of Assay



# **Certificate of Analysis**

Work Order: TK120195

To: TOM DRIVAS Date: Nov 28, 2012

**ROMIOS GOLD RESOURCES** 

25 ADELAIDE STREET EAST, SUITE 1010 Toronto ON M5C 3A1

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

= Insufficient Sample

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.

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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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Canada Inc. Mineral Services 8282 Sherbrooke Street Vancouver BC t(604) 327-3436 f(604) 327-3423 www.ca.sgs.com



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Element	WtKg	Au	Pt	Pd	Al	Ва	Ca	Cr	Cu	Fe
Method	WGH79	FAI313	FAI313	FAI313	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B
Det.Lim.	0.001	1	10	1	0.01	1	0.01	1	0.5	0.01
Units	kg	ppb	ppb	ppb	%	ppm	%	ppm	ppm	%
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	K	Li	Mg	Mn	Na	Ni	Р	S	Sr	Ti
Method	ICM40B 0.01	ICM40B	ICM40B 0.01	ICM40B 2	ICM40B 0.01	ICM40B 0.5	ICM40B 50	ICM40B 0.01	ICM40B 0.5	ICM40B 0.01
Det.Lim. Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	%
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	0.23	48	1.55	1630	1.55	13.6	350	2.95	90.2	0.20
E597477	0.44	<1	0.06	152	0.07	4.0	<50	0.34	27.0	0.18
E597477	2.21	2	0.00	300	3.94	1.5	790	0.34	479	0.01
E597476	0.79	10	2.21	1140	3.94	10.9	490	0.55	324	0.16
E597499	2.25	3	0.66	1350	0.52		190	>5.00	83.5	0.34
E597490	0.55	2	0.00	723	0.05	1.4 10.7	100	0.06	25.6	0.12
E597491 E597492	0.55	3	0.35	445	0.05	10.7	150	0.00	19.8	0.05
E597493	0.28	12	1.94	1150	1.32	29.1	440		184	0.05
	0.89	29						<0.01		
E597494			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	V	Zn	Zr	Ag	As	Ве	Bi	Cd	Ce	Со
Method	ICM40B	ICM40B	ICM40B 0.5	ICM40B 0.02	ICM40B	ICM40B 0.1	ICM40B 0.04	ICM40B 0.02	ICM40B 0.05	ICM40B
Det.Lim.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0.1 ppm
Units	- ' '				- 11		- 11			
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		0.39	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	Cs	Ga	Hf	In	La	Lu	Мо	Nb	Pb	Rb
Method	ICM40B									
Det.Lim.	5	0.1	0.02	0.02	0.1	0.01	0.05	0.1	0.5	0.2
Units	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	8.0	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	Sb	Sc	Se	Sn	Та	Tb	Те	Th	TI	U
Method	ICM40B									
Det.Lim.	0.05	0.1	2	0.3	0.05	0.05	0.05	0.2	0.02	0.05
Units	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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Element	W	Y	Yb	Cu	Zn	Ag	Au
Method	ICM40B	ICM40B	ICM40B	ICP90Q	ICP90Q	AAS42E	FAG303
Det.Lim.	0.1 ppm	0.1	0.1 ppm	0.01	0.01 %	0.3 g/t	g/t
Units		ppm				-	-
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	0.3	6.1	0.5	N.A.	N.A.	N.A.	N.A.
11201010	0.2	0.1	0.3	IN.A.	IN.A.	11.71.	IN.A.

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