

# ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: 2010 Geological and Geochemical Report on the NW Block

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

AUTHOR(S): Scott Close, Sandra Rossett, Alexander Nielsen SIGNATURE(S): Scott Close

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YEAR OF WORK: 2011 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

OWNER(S): Romios Gold Resources Inc.

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**OPERATOR(S)** [who paid for the work]: Romios Gold Resources Inc.

MAILING ADDRESS: Same

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#### 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     EXTENT OF WORK       THIS REPORT     (in metric units)		ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)	
GEOLOGICAL (scale, area)				
Ground, mapping	Approx. 1.0 kilometre	511906, 511907	9,740.3	
GEOPHYSICAL (line-kilometres)				
Ground				
Magnetic				
Electromagnetic				
Induced Polarization				
Radiometric				
Seismic				
Airborne				
GEOCHEMICAL (number of samp ICP, REE, and Gold)	les analysed for <b>41</b>			
Soil				
Silt	<u> </u>	544000	005	
Rock	9	511906	895	
Other				
DRILLING (total metres, number o	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 (sc	ale, area)			
Legal Surveys (scale, area	)			
Road, local access (km)/tra	ail			
Trench (number/metres)				
Underground development	(metres)			
Other				
		TOTAL COST	\$10635.30	

# **Romios Gold Resources Inc.**

# 2011 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

> BC Geological Survey Assessment Report 32611

Prepared For:

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

Prepared By:

Scott Close, M.Sc. Sandra Rosset, B.Sc. Alexander Nielsen, M.Sc. Romios Gold Resources Inc.

December 30, 2011

#### SUMMARY

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

Access to the property is from a seasonal base at Kilometer 2 of the Eskay mine road or from the Bob Quinn Airstrip on Highway 37, approximately 85 kilometers 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 staked by Romios Gold Resources in 2005 to cover favorable 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 investigating mineral trends, intrusion genesis, and related geochemical rock sampling. A total of 9 additional rock samples were collected.

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#### 1.0 INTRODUCTION

The NW Block claims held by Romios Gold Resources 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 NW Block claims over the 2011 summer exploration field season.

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

Over the 2011 season, Romios completed the following exploration efforts on the property:

- Geochemical rock sampling, totaling 8 grab samples and 1 float sample; and
- Field Reconnaissance of geophysical trends; and
- Geochemical study of the intrusive suite on the property.

All work was completed out of the all-season Espaw camp, part of the Galore Creek operations, located 20 kilometers to the south and east along Sphaler Creek.

#### 2.0 PROPERTY DESCRIPTION AND LOCATION

The NW Block claims are located within the Coast Range Mountains approximately 150 kilometers northwest of Stewart and 100 kilometers southwest of Telegraph Creek in northwestern British Columbia (Figure 1). These claims lie within the Liard Mining Division, centered 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.

The NW Block as staked consists of 4 contiguous map-selection claims totaling 1548.13 ha in northwestern British Columbia, wholly owned by Romios Gold Resources Inc.. Table 1 (below) contains a tabulated summary of the NW Block property tenures.

Tenure		Tenure	Мар		Good To	
Number	Owner	Туре	Number	Issue Date	Date	Area (ha)
511905	146096 (100%)	Mineral	104G	2005/may/01	2012/jul/20	439.862
511906	146096 (100%)	Mineral	104G	2005/may/01	2012/jul/20	439.678
511907	146096 (100%)	Mineral	104G	2005/may/01	2012/jul/20	246.349
540446	146096 (100%)	Mineral	104G	2006/sep/05	2012/jul/20	422.2438
				Total A	1548.13	

#### Table 1. Claim status and tenure details



Figure 1: Location of the NW Block, British Columbia, Canada



Figure 2: Tenure Map of the NW Block

## 3.0 ACCESSIBILITY, PHYSIOGRAPHY AND CLIMATE

Access to the property, and to the Espaw camp - is via helicopter from the Bob Quinn airstrip. Bob Quinn is an approximately 5 hours drive north of Terrace and about 6 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 requires work, passes near the NW Block claims, allowing the possibility of economical mobilization of heavy equipment in future ventures.

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

Topography is rugged and typical of mountainous and glaciated terrain, with elevations ranging from 130m in the west of the property near 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 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. Rock sampling and prospecting were attempted several times in late September, but helicopter access was not possible due to heavy snowfall and fog. Access was possible on October 2, at which point geochemical sampling and field reconnaissance of airborne magnetic trends were conducted.

## 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 kilometers 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 kilometers northeast of the property. In 1964 and 1965, Julian Mining Company Ltd. conducted geological mapping, induced polarization surveys, bulldozer trenching and 2,190 meters 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 south side 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 kilometer northeast of the central Ann/Su copper porphyry deposit. Soil and rock geochemical sampling, trenching and 760 meters 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 grams per tonne (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.

FReconnaissance exploration consisting of geological mapping, prospecting and geochemical sampling was carried out by Equity Engineering, for Royce Industries, over the eastern portion of the NW Block claims during September and October of 1989. In total, 12 rock samples and 11 silt samples were taken from within the current NW Block claims during this program. 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 that 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

<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

response in the southeast of the property. A total of 9 grab samples during the 2010 exploratory work were collected over mineralization seen on the claims. Grades of up to 16.5 g/t Au and 0.547% Cu were returned from the grab samples. The highest gold values came from quartz veins, which are prominent property wide but contain highly variable grades.

### 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 square-km body that 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, 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).



Figure 3. Regional geology of the NW Block, adapted from the BCGS.

## 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. Foliation strikes northwest and northeast 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 intrusive rocks. These rocks are characteristically deformed and metamorphosed to greenschist grade and are thought to be co-eval with Hazelton Group volcanics. Intrusives are fine to coarse-grained hornblende monzodiorite, quartz monzonite and syn to post-volcanic intrusions that 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 sharply 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. Mariolitic 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). Orthoclase megacrystic dykes and stocks are spatially associated with mineralization in the silica-undersaturated alkalic porphyry system at Galore Creek and the presence of megacrystic intrusives at the NW Block warrants further investigation.

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 volcanic conglomerates, containing variegated mafic to intermediate lapilli tuff, lesser ash, breccia and tuffite. Coherent 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.

Several smaller monzonite stocks, interpreted as belonging to the Cenozoic Major Hart plutonic suite, outcrops southeast of the property and may be related to a large pluton emplaced across the Stikine River to the west of the property. The Major Hart pluton to the west is described as a granitic, alkali feldspar-bearing intrusive, partly miarolitic, undeformed, and has been dated at 41.6 Ma.



Figure 4. NW Block property geology, adapted from BC Assessment Report # 19534

ple	Company	Year	Type	Cu (ppm)	Au (a/t)	Ag g/t)
460	Romios	2011	Float	17	< 0.005	< 0.5
461	Romios	2011	Grab	4	<0.005	<0.5
462	Romios	2011	Grab	5	< 0.005	< 0.5
463	Romios	2011	Grab	5	< 0.005	<0.5
465	Romios	2011	Grab	2	<0.005	<0.5
466	Romios	2011	Grab	2	< 0.005	< 0.5
467	Romios	2011	Grab	2	<0.005	<0.5
468	Romios	2011	Grab	6	< 0.005	< 0.5
469	Romios	2011	Grab	2	< 0.005	<0.5
001	Romios	2010	Grab	23	<0.005	<0.5
556	Romios	2010	Grab	2	< 0.005	<0.5
557	Romios	2010	Grab	4	<0.005	<0.5
558	Romios	2010	Grab	6	0.005	< 0.5
559	Romios	2010	Grab	1895	1.65	19.3
560	Romios	2010	Grab	12	<0.005	<0.5
561	Romios	2010	Grab	5470	0.197	11.1
562	Romios	2010	Grab	740	16.5	4.2
563	Romios	2010	Grab	36	0.01	0.2
385	Equity Engineering	1989	Rock	69	0	0
386	Equity Engineering	1989	Rock	43	0 04	õ
387	Equity Engineering	1989	Rock	42	0	Ő
388	Equity Engineering	1989	Rock	71	0 205	0
389	Equity Engineering	1989	Rock	59	0	õ
390	Equity Engineering	1989	Rock	34	0.01	0
391	Equity Engineering	1989	Rock	77	0.125	0 0
392	Equity Engineering	1989	Rock	107	0.01	0
393	Equity Engineering	1989	Rock	84	0	õ
394	Equity Engineering	1989	Rock	79	õ	õ
395	Equity Engineering	1989	Rock	109	0	0
396	Equity Engineering	1989	Rock	57	õ	0
397	Equity Engineering	1989	Rock	72	0	0
024	Equity Engineering	1989	Rock	97	0 015	0
025	Equity Engineering	1989	Rock	116	0.03	0
026	Equity Engineering	1989	Rock	70	0.03	0
027	Equity Engineering	1989	Rock	60	0.005	0
039	Equity Engineering	1989	Rock	83	0.03	0
232	Equity Engineering	1989	Rock	122	0.245	0
233	Equity Engineering	1989	Rock	23	0	0
269	Equity Engineering	1989	Rock	24	0	0
270	Equity Engineering	1989	Rock	99	0.035	0
271	Equity Engineering	1989	Rock	3	0.1	0
272	Equity Engineering	1989	Rock	425	0	0
274	Equity Engineering	1989	Rock	83	0.025	0
275	Equity Engineering	1989	Rock	78	0.03	0
276	Equity Engineering	1989	Rock	45	0.025	0
277	Equity Engineering	1989	Rock	90	0.03	0
278	Equity Engineering	1989	Rock	108	0.02	0
279	Equity Engineering	1989	Rock	69	0	0
280	Equity Engineering	1989	Rock	4	0.015	0
281	Equity Engineering	1989	Rock	103	0.01	0
282	Equity Engineering	1989	Rock	162	0.02	0
283	Equity Engineering	1989	Rock	59	0.01	0
287	Equity Engineering	1989	Rock	79	0.005	0.35
288	Equity Engineering	1989	Rock	176	0.27	2.25

## 6.0 2011 EXPLORATION PROGRAM

Over the course of the 2011 field season exploration work was undertaken on the NW Block in the form of geochemical rock sampling along a trend indicated by historical work.

#### 6.1 2011 GEOCHEMICAL ROCK SAMPLING

In total, nine rock samples- eight grab samples and one float sample- were taken for geochemical assay (Figure 4, Table 2) from along the granodiorite/augite porphyry contact along the eastern margin of the property, within an area containing mineralized quartz veins and mild-moderately altered country rock, extending from sampling conducted during previous exploration campaigns (Table 3). Rock sampling was focused in an area of prospective mineralization identified during the 2010 exploration season, wherein sample E597562 assayed 16.5 g/t gold, 4.2 g/t silver, and 0.074% copper. The anomalous value was returned from a quartz vein.

Sample preparation was completed by ALS-Chemex in Terrace, B.C., and elemental analyses were done at ALS-Chemex in North Vancouver, B.C. The samples were shipped to ALS-Chemex in Terrace for preparation (fine crushing 70% <2mm and pulverizing 85% <75mm) and then to Vancouver for analysis. Analytical procedure used was (multi element) 48 Element 4 acid ICP-MS; ICP-ME for REEs; and fire assay (30 g) AA-Finish for gold. Certificates of analysis are presented in Appendix II.

Phaneritic, equigranular, white and black granodiorite was encountered during sampling. Few quartz veins were exposed in the outcrop. Alteration consists of patchy and vein epidote, accompanied by minor, patchy potassic alteration. Trace pyrite mineralization was encountered in the float sample E597460.

A tabulated summary of rock sampling is shown below. All samples returned gold and silver values below detection limits, and low copper values. Rock descriptions for the 2011 sampling are attached in Appendix II and ALS-Chemex Laboratory Certificates for the samples are located Appendix III.

Sample	Company	Date	Easting	Northing	Туре	Cu (ppm)	Au (g/t)	Ag (g/t)
E597460	Romios	2011	341103	6329587	Float	17	<0.005	<0.5
E597461	Romios	2011	341154	6329624	Grab	4	<0.005	<0.5
E597462	Romios	2011	341166	6329624	Grab	5	<0.005	<0.5
E597463	Romios	2011	341174	6329630	Grab	5	<0.005	<0.5
E597465	Romios	2011	341191	6329689	Grab	2	<0.005	<0.5
E597466	Romios	2011	341205	6329678	Grab	2	<0.005	<0.5
E597467	Romios	2011	341223	6329659	Grab	2	<0.005	<0.5
E597468	Romios	2011	341213	6329686	Grab	6	<0.005	<0.5

# Table 2. Results of the 2011 geochemical rock sampling (top of table) and 2010 (bottom of table).

E597469	Romios	2011	341229	6329524	Grab	2	<0.005	<0.5
E597556	Romios	2010	340073	6329706	Grab	2	<0.005	<0.5
E597557	Romios	2010	339961	6329744	Grab	4	<0.005	<0.5
E597558	Romios	2010	339713	6330004	Grab	6	0.005	<0.5
E597559	Romios	2010	340629	6329118	Grab	1895	1.650	19.3
E597560	Romios	2010	340704	6329137	Grab	12	<0.005	<0.5
E597561	Romios	2010	340734	6329129	Grab	5470	0.197	11.1
E597562	Romios	2010	341102	6329585	Grab	740	16.500	4.2
E597563	Romios	2010	341277	6328729	Grab	36	0.010	0.2
E593001	Romios	2010	340699	6329307	Grab	23	<0.005	<0.5

Table 3. Historic sampling on or adjacent to the NW Block to accompany .

Sample	Company	Year	Source	Туре	Cu (ppm)	Au (g/t)	Ag g/t)
172385	Equity Engineering	1989	ARIS 19534	Rock	69	0.000	0
172386	Equity Engineering	1989	ARIS 19534	Rock	43	0.040	0
172387	Equity Engineering	1989	ARIS 19534	Rock	42	0.000	0
172388	Equity Engineering	1989	ARIS 19534	Rock	71	0.205	0
172389	Equity Engineering	1989	ARIS 19534	Rock	59	0.000	0
172390	Equity Engineering	1989	ARIS 19534	Rock	34	0.010	0
172391	Equity Engineering	1989	ARIS 19534	Rock	77	0.125	0
172392	Equity Engineering	1989	ARIS 19534	Rock	107	0.010	0
172393	Equity Engineering	1989	ARIS 19534	Rock	84	0.000	0
172394	Equity Engineering	1989	ARIS 19534	Rock	79	0.000	0
172395	Equity Engineering	1989	ARIS 19534	Rock	109	0.000	0
172396	Equity Engineering	1989	ARIS 19534	Rock	57	0.000	0
172397	Equity Engineering	1989	ARIS 19534	Rock	72	0.000	0
463024	Equity Engineering	1989	ARIS 19534	Rock	97	0.015	0
463025	Equity Engineering	1989	ARIS 19534	Rock	116	0.030	0
463026	Equity Engineering	1989	ARIS 19534	Rock	70	0.030	0
463027	Equity Engineering	1989	ARIS 19534	Rock	60	0.005	0
463039	Equity Engineering	1989	ARIS 19534	Rock	83	0.030	0
463232	Equity Engineering	1989	ARIS 19534	Rock	122	0.245	0
463233	Equity Engineering	1989	ARIS 19534	Rock	23	0.000	0
463269	Equity Engineering	1989	ARIS 19534	Rock	24	0.000	0
463270	Equity Engineering	1989	ARIS 19534	Rock	99	0.035	0
463271	Equity Engineering	1989	ARIS 19534	Rock	3	0.100	0
463272	Equity Engineering	1989	ARIS 19534	Rock	425	0.000	0

463274	Equity Engineering	1989	ARIS 19534	Rock	83	0.025	0
463275	Equity Engineering	1989	ARIS 19534	Rock	78	0.030	0
463276	Equity Engineering	1989	ARIS 19534	Rock	45	0.025	0
463277	Equity Engineering	1989	ARIS 19534	Rock	90	0.030	0
463278	Equity Engineering	1989	ARIS 19534	Rock	108	0.020	0
463279	Equity Engineering	1989	ARIS 19534	Rock	69	0.000	0
463280	Equity Engineering	1989	ARIS 19534	Rock	4	0.015	0
463281	Equity Engineering	1989	ARIS 19534	Rock	103	0.010	0
463282	Equity Engineering	1989	ARIS 19534	Rock	162	0.020	0
463283	Equity Engineering	1989	ARIS 19534	Rock	59	0.010	0
463287	Equity Engineering	1989	ARIS 19534	Rock	79	0.005	0.35
463288	Equity Engineering	1989	ARIS 19534	Rock	176	0.270	2.25

## 6.2 LITHOGEOCHEMISTRY

The geochemical samples taken from the intrusion at the NW Zone are geochemically classified as granodiorites (Figure 5). The exception is sample E597468, which is classified as a diorite, based on the immobile element classification system of Winchester and Floyd (1977), but is likely a chemical outlier due to the proximity to the remaining samples and similarity in outcrop.



Figure 5. Immobile element classification (Winchester and Floyd, 1977).

The immobile element based rock series discriminant plot (Figure 6) shows that the samples collected on the NW block belong to a calc-alkaline differentiation trend. Within all the samples (including E597468) there is a strong signal of genesis within a volcanic arc environment in a tectonic discriminant plot (Gill, 1981), which implicates intrusion of the granodiorite sampled on the NW Block within either the Jurassic or Eocene arc formation episodes.



Figure 6. Rock series discriminant plot (Ross and Bedard, 2009).



Th (ppm) Figure 7. V-Ti (Shervais, 1982), La-Nb and La-Th discrimination diagrams (Gill, 1981).

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

Rock sampling and prospecting were completed over the 2011 season. The following conclusions were found:

- The sampled area returned gold and silver assays below detection limits, along with low copper values. The northeast corner of the property does not appear to host significant mineralization. Mineralization encountered in 2010 may vector in a southwest direction, and follow-up work should be completed in this direction.
- Geochemical analysis revealed a strong signal of arc magmatism with immobile element classification placing the rocks as granodiorite-diorite. The sampled outcrops belong to the calc-alkaline magma series and display enriched Barium, which may be a result of alteration.
- More detailed mapping and prospecting are required to gain a better understanding of property mineralization, and should be carried out with the goal of locating drill targets.

### 8.0 EXPENDITURES

Over the 2011 season, a total cost of \$10,635.30 was spent on the NW Block claims. Below is a breakdown of the costs associated with the 2011 exploration program.

Table 3: 2011	Expenditures on	the NW Block
---------------	-----------------	--------------

EXPENDITURES						COST
ASSAYING	ALS Chemex					\$895.00
	10 samples sent for 61	l element ICP-	-MS, Fire Assay	/ Gold, Rare Earth Elem	ent	
	(Including transport to	Terrace from	property)			
HELICOPTER	Quantum Helicopters	6				\$4,397.80
	Helicopter Time	\$1495/hr	2 trips @ 1.1	hour per trip		\$3,289.00
	Aviation Fuel		396 litres @ 2	2.80/litre		\$1,108.80
CAMP COSTS						\$950.00
GCMC Espaw Camp	190/person per day		5 Man days i	nc. Pilot		\$950.00
PERSONNEL						\$4,387.50
Name	Position	Day Rate	Field Days	Office Days	Total	
James Tolhurst	Geologist	\$500.00	1	2 - Report Writing	3	\$1,750.00
Sandra Rosset	Geologist	\$375.00	1.5	1 – Report Writing	2.5	\$937.50
Scott Hermansen	Geologist	\$300.00	1		1	\$300.00
Alexander Nielsen	Geologist	\$375.00	1		1	\$375.00
Scott Close	Geologist	\$600.00		1.8 – Geology	1.8	\$1,080.00
Sarah Hasek	Geologist	\$400		0.5 – Claims Admin	0.5	\$200.00
TOTAL 2011 EXPEN	DITURES, Claims 511	905, 511906	6, 511907, 54	0446		\$10,635.30

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# **APPENDIX I: GEOLOGIST'S CERTIFICATE**

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

I, Scott Close, do hereby certify:

THAT I am a Geoscientist employed 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,

and I have practiced my profession continuously since 2000.

THAT I am presently a Consulting Geologist and have been so since May 2006.

THAT this report is based on publicy-available reports, maps, and on original interpretation.

Dated this 30 day of December, 2011.

Scott J. Close, M.Sc.

# APPENDIX II Rock Sample Descriptions

Sample ID	UTM East	UTM North	Property	Sample Type	Sampler	Colour	Remarks
E597460	341103	6329587	NW	Float	S. Rosset	Black and white	Granodiorite; equigranular. Trace mineralization (Py). Patchy and vein epidote. Minor potassic alt.
E597461	341154	6329624	NW	Grab	S. Rosset	Black and white	Granodiorite; equigranular. Patchy and vein epidote. Minor potassic alt.
E597462	341166	6329624	NW	Grab	S. Rosset	Black and white	Granodiorite; equigranular. Patchy and vein epidote. Minor potassic alt.
E597463	341174	6329630	NW	Grab	S. Rosset	Black and white	Granodiorite; equigranular. Patchy and vein epidote. Minor potassic alt.
E597464	341195	6329763	NW	Grab	S. Rosset	Black and white	Granodiorite; equigranular. Patchy and vein epidote. Minor potassic alt.
E597465	341191	6329689	NW	Grab	S. Rosset	Black and white	Granodiorite; equigranular. Patchy and vein epidote. Minor potassic alt.
E597466	341205	6329678	NW	Grab	S. Rosset	Black and white	Granodiorite; equigranular. Patchy and vein epidote. Minor potassic alt.
E597467	341223	6329659	NW	Grab	S. Rosset	Black and white	Granodiorite; equigranular. Patchy and vein epidote. Minor potassic alt.
E597468	341213	6329686	NW	Grab	S. Rosset	Black and white	Granodiorite; equigranular. Patchy and vein epidote. Minor potassic alt.
E597469	341229	6329524	NW	Grab	S. Rosset	Black and white	Granodiorite; equigranular. Patchy and vein epidote. Minor potassic alt.

# APPENDIX III Certificates of Assay



#### To: ROMIOS GOLD RESOURCES INC. 25 ADELAIDE STREET EAST, SUITE 1010 TORONTO ON M5C 3A1

Page: 1 Finalized Date: 14-NOV-2011 Account: ROGORE

# CERTIFICATE TR11214040

Project: New Block

P.O. No.:

This report is for 10 GRAB samples submitted to our lab in Terrace, BC, Canada on 17-OCT-2011.

The following have access to data associated with this certificate:

SCOTT CLOSE

TOM DRIVAS

	SAMPLE PREPARATION
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login – Rcd w/o BarCode
CRU-31	Fine crushing – 70% <2mm
PUL-QC	Pulverizing QC Test
SPL-21	Split sample – riffle splitter
PUL-31	Pulverize split to 85% <75 um

	ANALYTICAL PROCEDURES	
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-MS81	38 element fusion ICP-MS	ICP-MS
Au-AA23	Au 30g FA-AA finish	AAS

To: ROMIOS GOLD RESOURCES INC. ATTN: SCOTT CLOSE 25 ADELAIDE STREET EAST, SUITE 1010 TORONTO ON M5C 3A1

Signature:

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.

Colin Ramshaw, Vancouver Laboratory Manager



#### To: ROMIOS GOLD RESOURCES INC. 25 ADELAIDE STREET EAST, SUITE 1010 TORONTO ON M5C 3A1

Project: New Block

Page: 2 – A Total # Pages: 2 (A – E) Finalized Date: 14–NOV–2011 Account: ROGORE

marera	13								Cl	ERTIFIC	CATE O	F ANAL	YSIS	TR112	14040	
Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
E597460 E597461 E597462 E597463 E597464		2.45 1.95 1.65 2.67 2.71	<0.005 <0.005 <0.005 <0.005 <0.005	<0.5 <0.5 <0.5 <0.5 <0.5	7.52 7.69 8.23 8.96 8.25	<5 <5 <5 <5 <5	4790 2520 2130 1120 970	1.1 1.0 1.4 1.4 0.9	<2 <2 <2 <2 <2 <2	4.15 2.71 2.95 4.43 5.01	0.5 <0.5 <0.5 <0.5 <0.5	15 6 9 5	57 8 8 7 9	17 4 5 5 15	4.56 3.61 3.33 4.80 4.20	20 20 20 20 20
E597465 E597466 E597467 E597468 E597469		1.82 2.13 1.80 2.60 2.09	<0.005 <0.005 <0.005 <0.005 <0.005	<0.5 <0.5 <0.5 <0.5 <0.5	8.19 8.02 8.06 8.26 8.09	<5 <5 <5 <5 <5	2090 2450 1430 1830 2820	1.3 1.1 1.1 1.4 1.1	<2 <2 2 <2 <2	3.01 3.35 4.42 4.57 2.69	<0.5 <0.5 <0.5 <0.5 <0.5	5 7 7 10 6	12 9 7 10 7	2 2 6 2	3.36 3.46 3.63 4.47 3.43	20 20 20 20 20



#### To: ROMIOS GOLD RESOURCES INC. 25 ADELAIDE STREET EAST, SUITE 1010 TORONTO ON M5C 3A1

Project: New Block

Page: 2 - B Total # Pages: 2 (A - E) Finalized Date: 14-NOV-2011 Account: ROGORE

									Cl		ATE O	F ANAL	.YSIS	TR112	14040		_
Sample Description	Method Analyte Units LOR	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	
E597460 E597461 E597462 E597463 E597464		1.62 2.06 1.90 1.09 0.98	10 10 10 10 10	1.87 0.79 0.91 1.26 0.75	1035 833 900 1255 1175	1 <1 <1 <1 <1	2.63 2.37 2.92 3.30 2.91	31 <1 2 <1 <1	1180 910 990 1430 970	3 9 8 9 13	0.18 0.01 0.02 0.01 0.01	<5 <5 <5 <5 <5	11 9 9 11 10	876 571 593 848 862	<20 <20 <20 <20 <20	0.40 0.28 0.30 0.40 0.31	
E597465 E597466 E597467 E597468 E597469		1.91 2.65 1.36 1.31 2.30	10 10 10 10 10	0.78 0.80 0.82 1.36 0.83	906 950 1075 1350 1225	<1 <1 <1 <1 <1	2.53 2.32 2.91 2.81 2.80	<1 <1 2 3 1	900 950 1070 1540 1000	6 7 6 4 9	<0.01 <0.01 <0.01 0.02 <0.01	<5 7 <5 <5 <5	9 9 10 12 10	744 600 749 706 762	<20 <20 <20 <20 <20	0.29 0.30 0.34 0.35 0.32	



#### To: ROMIOS GOLD RESOURCES INC. 25 ADELAIDE STREET EAST, SUITE 1010 TORONTO ON M5C 3A1

Project: New Block

Page: 2 – C Total # Pages: 2 (A – E) Finalized Date: 14-NOV-2011 Account: ROGORE

									C	ERTIFIC	CATE O	F ANAL	YSIS	TR112	14040		
Sample Description	Method Analyte Units LOR	ME-ICP61 TI ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	
E597460 E597461 E597462 E597463 E597464		<10 <10 <10 <10 <10	10 <10 <10 <10 <10	128 89 92 126 120	<10 <10 <10 <10 <10	108 76 82 103 70	5310 2850 2420 1275 1065	34.3 28.4 33.2 33.6 27.7	17.0 6.9 8.2 11.5 7.0	80 20 10 10 20	0.82 0.60 0.53 0.33 0.27	2.87 2.66 2.76 3.47 2.66	1.65 1.56 1.71 2.10 1.63	1.16 1.02 1.02 1.35 1.13	17.0 16.5 17.3 20.5 19.9	3.10 2.86 2.89 3.74 2.84	
E597465 E597466 E597467 E597468 E597469		<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	84 89 107 126 84	<10 <10 <10 <10 <10	67 75 69 100 122	2260 2740 1610 2040 3170	33.0 31.2 33.6 32.3 31.4	5.4 7.5 7.8 12.5 8.0	10 10 10 20 10	0.66 0.69 0.52 0.32 0.93	2.71 2.73 2.81 3.23 2.84	1.70 1.68 1.71 1.87 1.77	1.09 1.01 1.10 1.35 1.01	17.2 17.2 18.1 18.3 16.6	2.96 2.93 3.16 3.71 3.07	



#### To: ROMIOS GOLD RESOURCES INC. 25 ADELAIDE STREET EAST, SUITE 1010 TORONTO ON M5C 3A1

Project: New Block

Page: 2 - D Total # Pages: 2 (A - E) Finalized Date: 14-NOV-2011 Account: ROGORE

									CI	ERTIFIC	CATE O	F ANAL	YSIS	TR112	14040		_
Sample Description	Method Analyte Units LOR	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.01	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	
E597460 E597461 E597462 E597463 E597464		2.3 2.5 2.8 2.8 2.7	0.60 0.57 0.60 0.76 0.58	17.8 15.5 19.3 18.5 15.3	0.30 0.27 0.31 0.35 0.29	6 3 2 <2 <2	7.0 6.1 7.7 7.4 6.4	15.8 12.9 14.2 16.5 12.7	3.96 3.27 3.71 3.98 3.21	52.2 58.8 59.9 34.8 25.2	3.53 3.02 3.17 3.96 2.98	1 1 1 1	897 571 602 830 854	0.5 0.4 0.5 0.4 0.4	0.49 0.45 0.48 0.59 0.46	5.01 3.38 6.49 3.24 3.79	
E597465 E597466 E597467 E597468 E597469		2.8 2.7 2.7 1.3 2.8	0.60 0.59 0.61 0.69 0.63	18.7 17.2 18.4 17.5 16.6	0.31 0.31 0.31 0.30 0.33	<2 <2 <2 <2 <2 <2	7.3 7.0 7.5 5.4 7.8	14.2 13.9 15.3 15.9 14.2	3.68 3.52 3.91 3.80 3.61	62.5 81.6 44.1 39.8 67.2	3.21 3.14 3.43 3.85 3.30	1 1 1 1	724 598 747 688 752	0.5 0.5 0.6 0.3 0.5	0.47 0.46 0.47 0.57 0.50	6.30 5.44 5.86 3.08 4.49	



#### To: ROMIOS GOLD RESOURCES INC. 25 ADELAIDE STREET EAST, SUITE 1010 TORONTO ON M5C 3A1

Page: 2 – E Total # Pages: 2 (A – E) Finalized Date: 14-NOV-2011 Account: ROGORE

Project: New Block

CERTIFICATE OF ANALYSIS TR11214040

Sample Description	Method Analyte Units LOR	ME-MS81 TI ppm 0.5	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2
E597460		<0.5	0.25	2.56	140	1	17.3	1.66	84
E597461		<0.5	0.23	1.75	100	1	16.1	1.56	93
E597462		<0.5	0.26	3.18	107	2	17.3	1.73	104
E597463		<0.5	0.30	1.85	141	1	21.6	2.02	115
E597464		<0.5	0.24	1.82	134	1	16.8	1.66	97
E597465		<0.5	0.26	3.12	91	1	17.5	1.79	103
E597466		<0.5	0.25	2.46	97	<1	17.4	1.73	100
E597467		<0.5	0.25	2.62	120	2	17.6	1.76	99
E597468		<0.5	0.26	1.58	138	1	19.6	1.81	46
E597469		<0.5	0.27	1.50	96	1	18.4	1.88	105