

**Romios Gold Resources Inc**

**2010 GEOLOGICAL AND GEOCHEMICAL  
REPORT ON THE NE BLOCK**

**Located in the Galore Creek Area  
Liard Mining District  
BCGS 104G 005/015  
NTS 104G 03E  
57°05' North Latitude  
131°08' West Longitude**

**BC Geological Survey  
Assessment Report  
32048**

Prepared for:  
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October 30, 2010

**SOW: 4793311**

## **SUMMARY**

The NE Block consists of 4 contiguous map-selection claims totalling 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 which bisects the property and drains south into the headwaters of Sphaler creek.

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 55 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, and no known 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 also completed airborne geophysics over the property.

Over the 2010 season, Romios completed exploration efforts over the NE Block in the form of mapping, prospecting, follow-up of airborne geophysical results, and geochemical rock sampling. In total, 18 rock samples were collected from the area.

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## **1.0 INTRODUCTION**

The NE 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 NE Block claims over the 2010 summer exploration field season.

The NE Block claims consist of 4 wholly owned, contiguous claim blocks totalling 1669.97ha held by Romios Gold Resources.

Over the 2010 season, Romios completed the following exploration efforts on the property:

- Geochemical rock sampling, totalling 18 grab samples over mineralization seen on the claims;
- Follow-up of geophysical anomalies seen in airborne geophysics flown over the property in 2007; and
- Geological mapping and prospecting property wide.

All work was completed out of the all-season Espaw camp, part of the Galore Creek operations, located 10 kilometers to the southwest along Sphaler Creek within Novagold's Galore Creek claim block.

## **2.0 LOCATION, ACCESS AND PHYSIOGRAPHY**

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

The NE Block claims straddle a large glacier which 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.

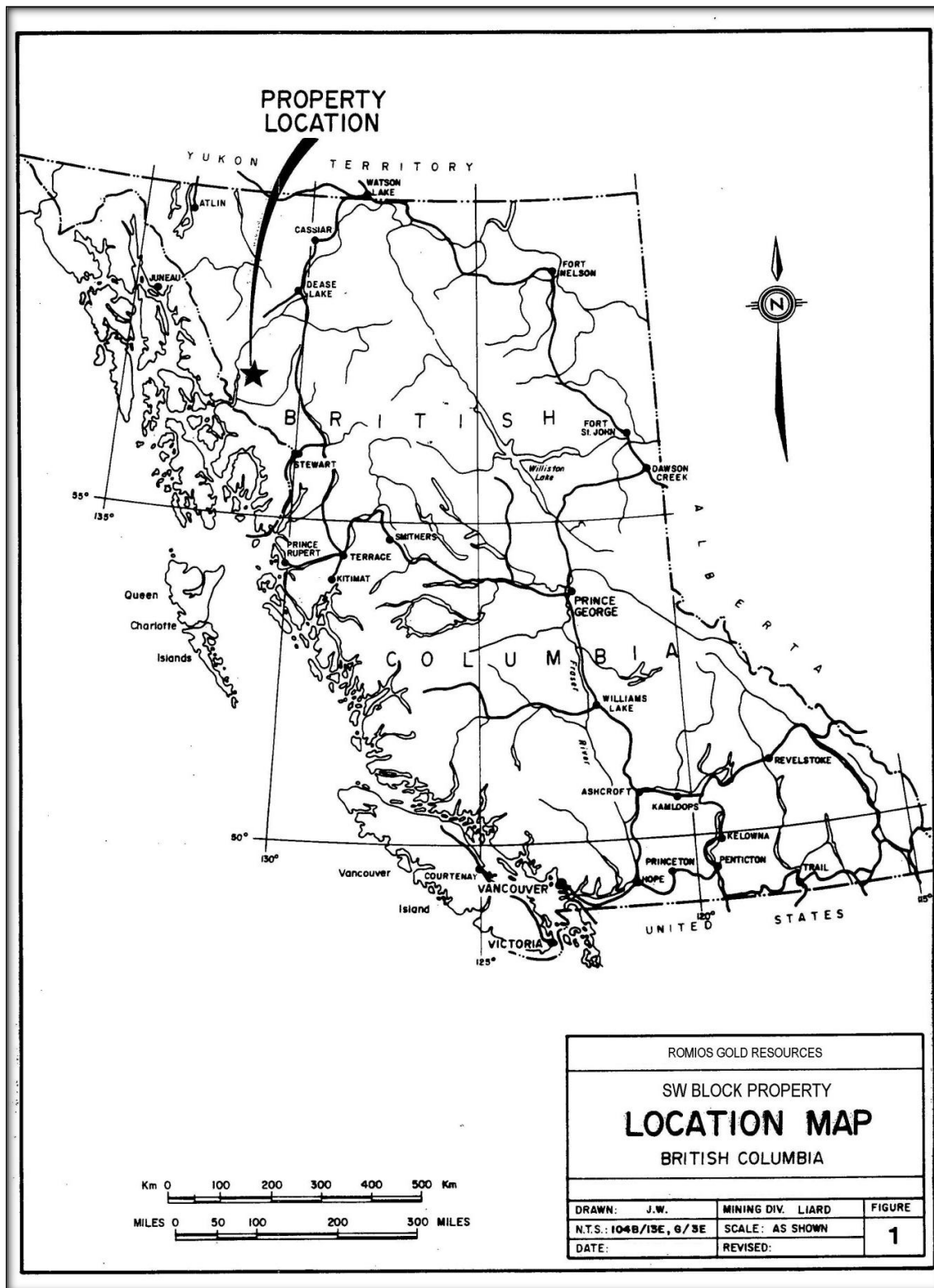


Figure 1: Location Map of NE Block

### 3.0 CLAIM STATUS

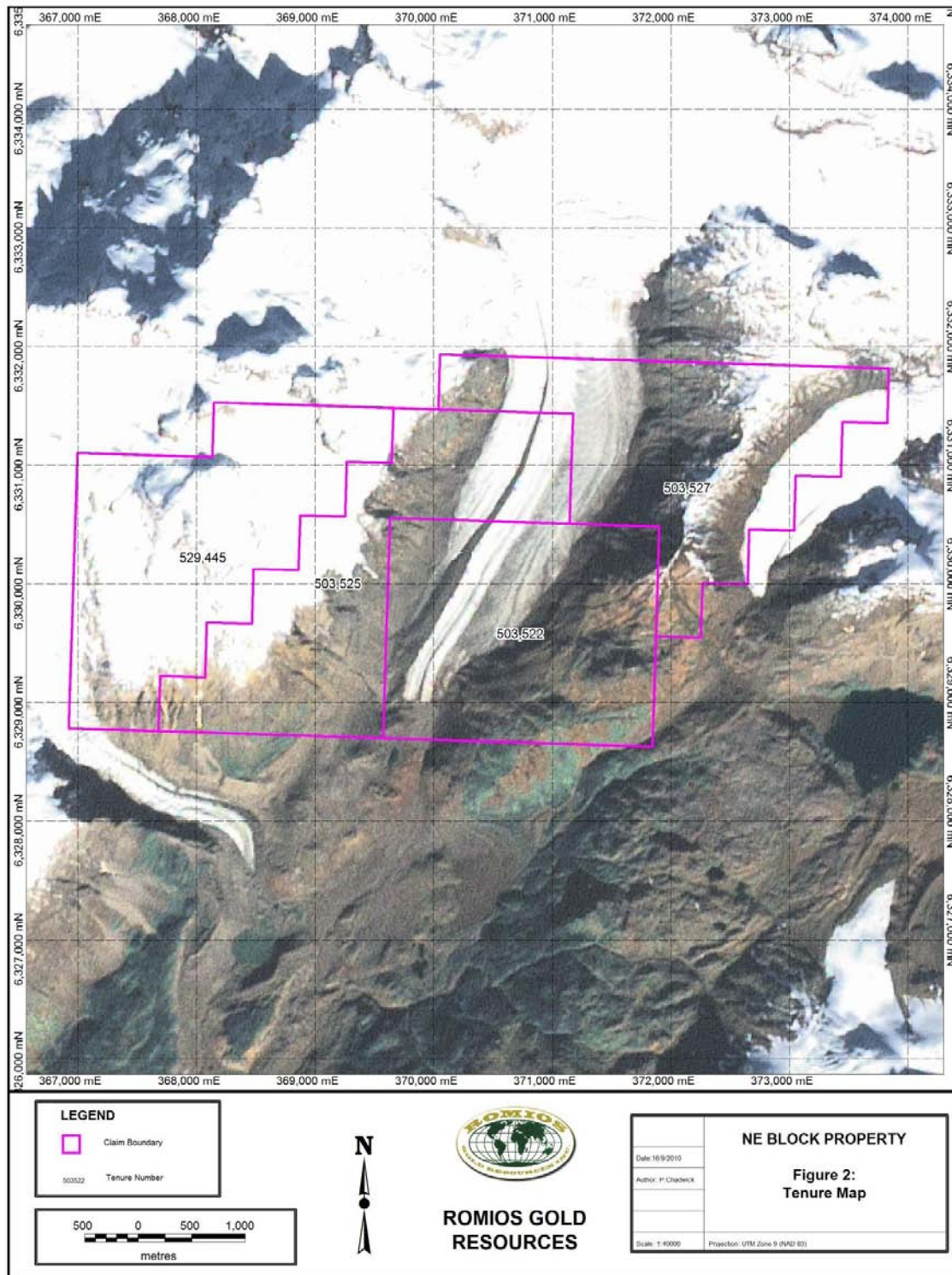
The NE Block as staked consists of 4 contiguous map-selection claims totalling 1669.97 ha in Northwestern British Columbia, wholly owned by Romios Gold Resources Inc..

A tabulated summary of the NE Block tenure is shown below followed by a tenure map (Figure 2).

**Table 1: Claim Status and Tenure**

Tenure Number	Claim Name	Owner	Tenure Type	Map Number	Issue Date	Good To Date	Area (ha)
503522	sge1	146096 (100%)	Mineral	104G	2005/jan/14	2011/oct/01	421.955
503525	sge2	146096 (100%)	Mineral	104G	2005/jan/14	2011/oct/01	404.333
503527	sge3	146096 (100%)	Mineral	104G	2005/jan/14	2011/oct/01	421.794
529445		146096 (100%)	Mineral	104G	2006/mar/05	2011/oct/01	421.888
<b>Total Area (ha)</b>							<b>1669.97</b>





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

## 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 was staked by Roca during regional prospecting and is located within a non-contiguous claim block west of Roca's main Foremore claim group. 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 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 1m 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 23,356 ppm 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

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<sup>1</sup> Fugro Airborne Surveys, 2270 Argentia Road, Unit 2, Mississauga, Ontario, Canada. L5N 6A6

electromagnetic system and magnetometer. Data acquisition, processing and presentation of results was completed by Fugro during the 2007 field season.

## **5.0 GEOLOGY AND MINERALIZATION**

### **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 volcanoclastics. 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-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 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 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, as a thick sequence of massive to bedded limestone, thinly bedded calcareous and non-calcareous siltstone, and green to maroon volcanics. East of the glacier, marine sedimentary and volcanic rocks of the Hazelton group and Stuhini volcanics are exposed. An inferred fault contact between the Paleozoic stratigraphy to the west and Mesozoic stratigraphy to the east traces through glacial till south of the toe of the glacier and continues along strike below glacial cover.

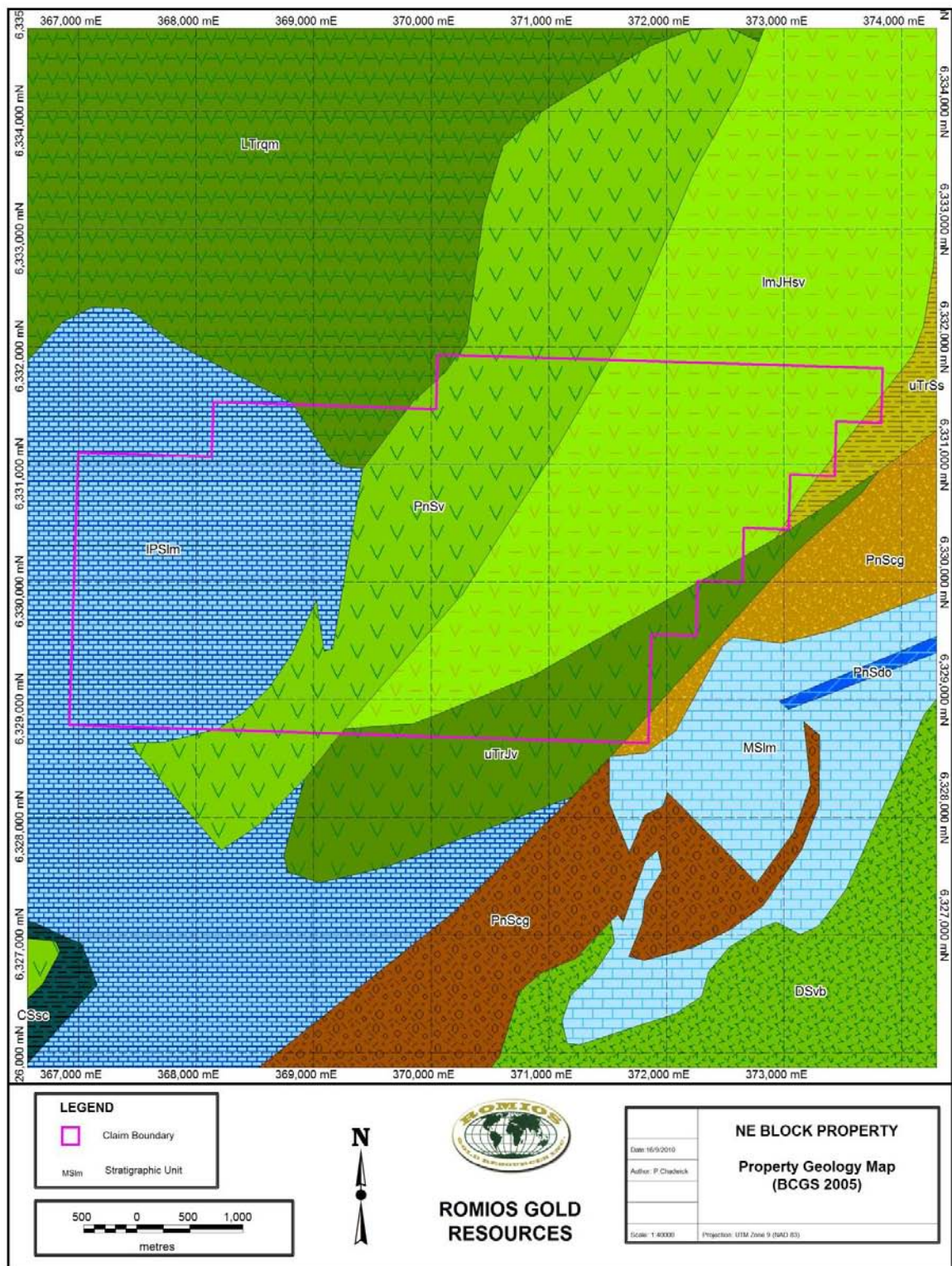
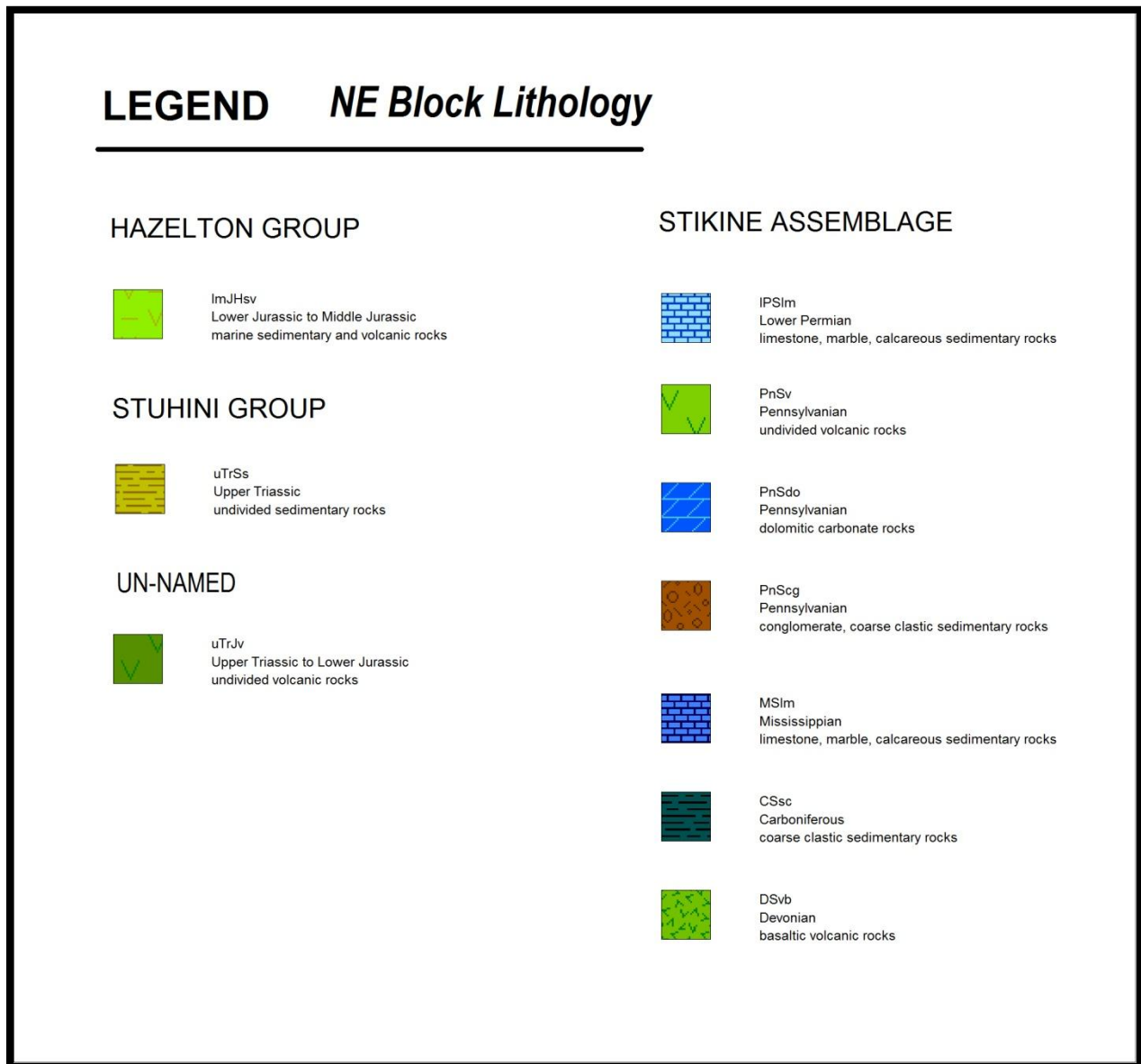


Figure 3: Geology of the NE Block – adapted from BCGS mapping (2005)



**Figure 4: NE Block Geographical Map Lithology Legend**

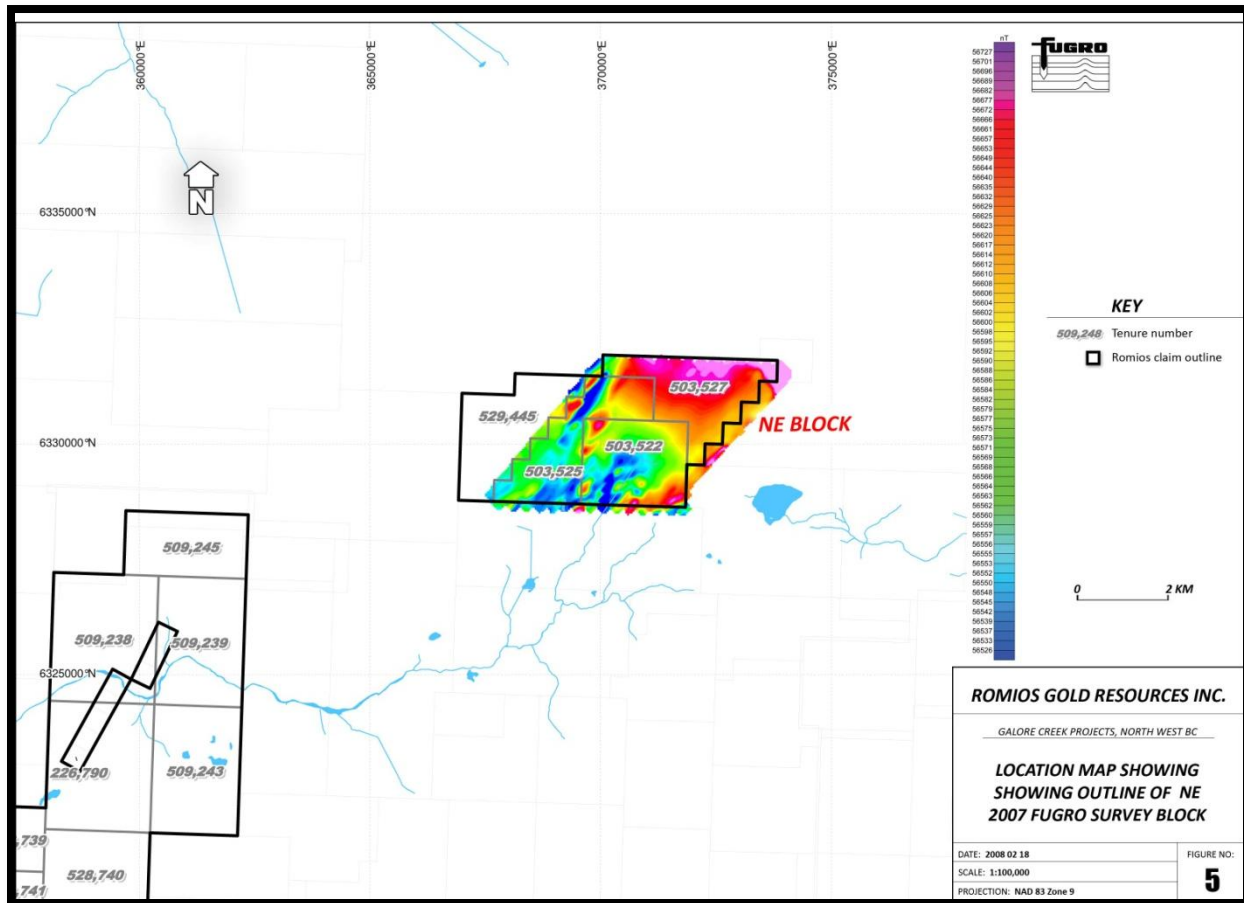
## 6.0 2010 EXPLORATION PROGRAM

Over the course of the 2010 field season exploration work was undertaken on the NE Block in the form of geological mapping of structure and lithology, follow-up of airborne geophysical trends, and prospecting over the full extent of the claim block.

The NE Block is situated between the Galore Creek alkalic copper-gold porphyry deposit to the west and the Foremore polymetallic VHMS property to the east. The

airborne anomalies and property geology were assessed for both porphyry and VHMS potential.

Airborne geophysics surveys flown in 2007 showed a strong northeast control to the survey results. An elongate, north to northeast trending zone of high resistivity is seen to the east of the property, while magnetics showed high values in the north region of the property with several spot highs in the south and east.



**Figure 5: NE Block Airborne Magnetics Survey Results**

## 6.1 2010 GEOLOGICAL MAPPING

The following lithological descriptions and interpretations are based on geological and structural observations during mapping of the NE Block completed over the 2010 season.

The oldest stratigraphy on the property is located in the western region and consists of Pennsylvanian volcanics and marine sediments. These green-grey volcanics grade upward into an interbedded sequences of calcareous and non-calcareous thinly bedded

siltstones, maroon volcanoclastics, and bedded limestones. Deformation is evident throughout the sequence, but more pronounced in thinner bedded units lower in stratigraphy. Volcanics are strongly chloritized and sheared, vary from green to maroon in colour, and are locally folded and strongly foliated. The volcanoclastic units are matrix supported with heterolithic clasts of green volcanics and lesser limestone in an aphanitic, ash-rich, maroon groundmass.

A transitional contact into more massive Permian limestones occurs as both thickness and frequency of interbedded limestones increase nearing the top of the sequence and volcanic interbeds are lost. The Permian limestone is massive to bedded, light grey to buff, and commonly recrystallized to marble. Numerous veinlets of calcite and iron carbonate cut the unit, and local zones of structural deformation are oxidized and stained with limonite and hematite. The Permian limestones are thick bedded to massive and fossiliferous (crinoid bearing).

Bedding in both units is variable, but conformable, dipping 25 to 50 degrees to the southwest. Deformation is evident throughout the Paleozoic sequence, and often accompanied by irregular iron-carbonate veins 2-25cm in thickness.

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.

Mesozoic stratigraphy to the east of the fault is classified as part of the Hazelton Group, a conformable succession of volcanic and sedimentary units. In the northeast of the property, matrix-supported, heterolithic, resedimented volcanoclastic rocks outcrop marking the top of the sequence of Hazelton rocks exposed on the property. A plagioclase-phyric, oxidized, fine-grained matrix contains subrounded to subangular clasts of dominantly plagioclase-phyric volcanics. Clasts are poorly sorted and vary in colour from red, beige, purple, and green. Augite phyric clasts increase in number to the south, and the groundmass appears more aphanitic. Closer to the contact with the underlying sedimentary rocks, the volcanoclastics appear more proximal in origin and transition into a crystal-lithic tuff. Fewer, smaller subrounded to angular clasts are seen, and at times appear to elongate parallel to bedding, locally showing possible welded textures. Bedding in both units strikes almost due 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. The unit grades rapidly from pebble conglomerate to lithic arenite, each forming 0.2-5m beds. Interbedded within these coarser sediments are very finely laminated, calcareous to



non-calcareous siltstones which dominate stratigraphy lower in the sequence. Bedding is undulating yet conformable with the overlying volcanics, but strikes more east-southeast dipping moderately to the south. Finely bedded siltstones are light to dark grey, have a platy cleavage, and weather a yellowish-tan colour.

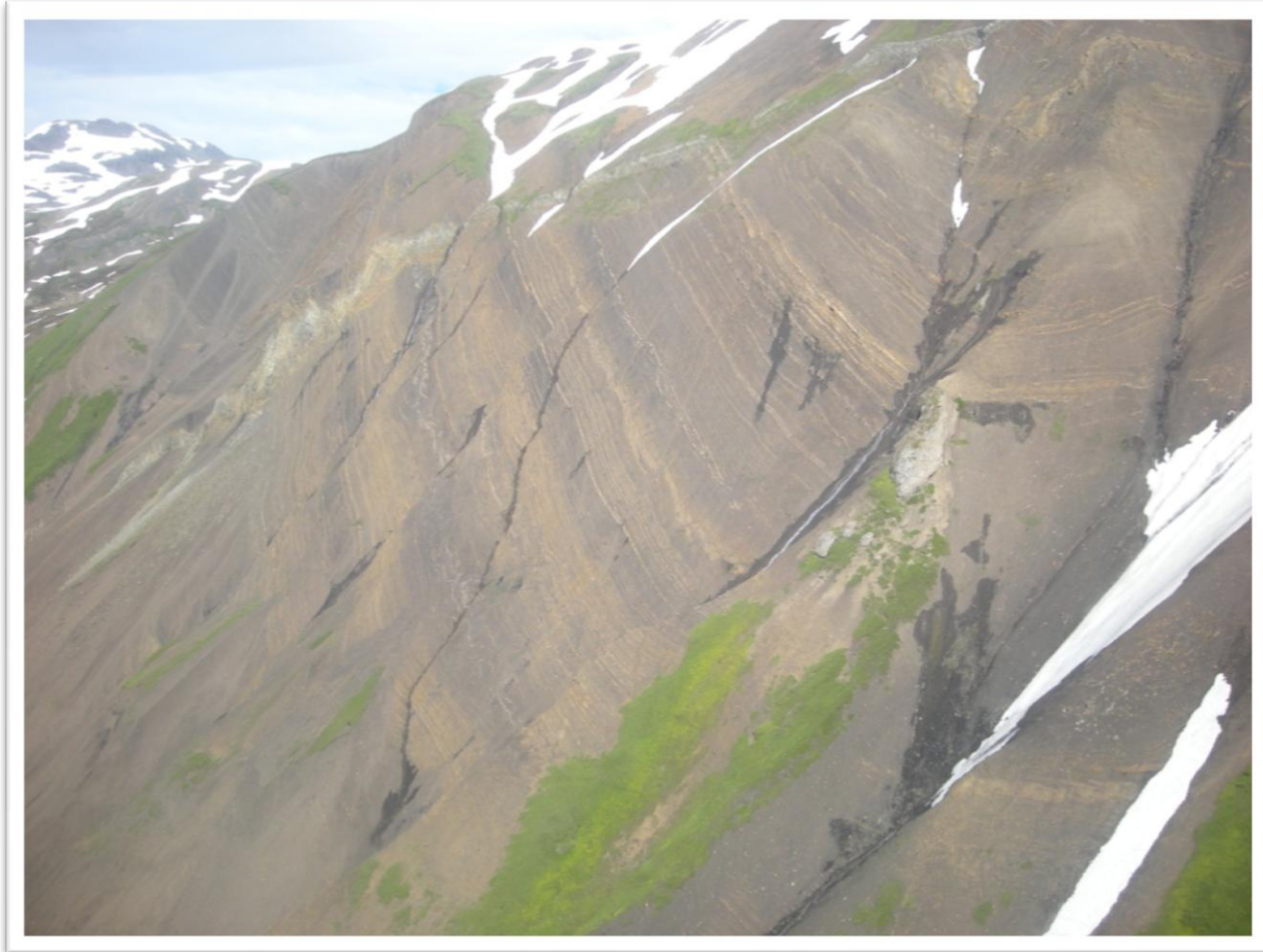


Plate 1: Coarse to fine, well bedded sedimentary rocks of the Hazelton Group cut by a NE trending felsite dyke.

In the southeast region of the property, finer bedded sediments give way to a very thick, matrix supported conglomeratic unit outcropping over the entire corner of the property. The unit is heterolithic, with rounded to subrounded clasts of mainly sedimentary composition. Clasts are poorly sorted, and can be up to 150cm in diameter locally. The unit weathers a rusty orange, and iron-carbonate veins are commonly seen.

A steep, northwest striking felsite dyke intrudes siltstones and sandstones through a prominent cliff face in the southeast of the property.

Meter scale mafic basaltic dykes cut all units on the property, and can be biotite phyrlic, vesicular or aphanitic. These dykes are interpreted to be Eocene in age.

## 6.2 2010 GEOCHEMICAL ROCK SAMPLING

In total, 18 rock samples were taken for geochemical assay from mineralized and altered zones within the property. Sample preparation was completed by ALS Chemex Terrace Lab<sup>2</sup> and elemental analyses were done at ALS-Chemex Vancouver Lab<sup>3</sup>. 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) 41 Element Aqua Regia ICP-ME; gold were Fire Assayed (30 g), AA-Finish.

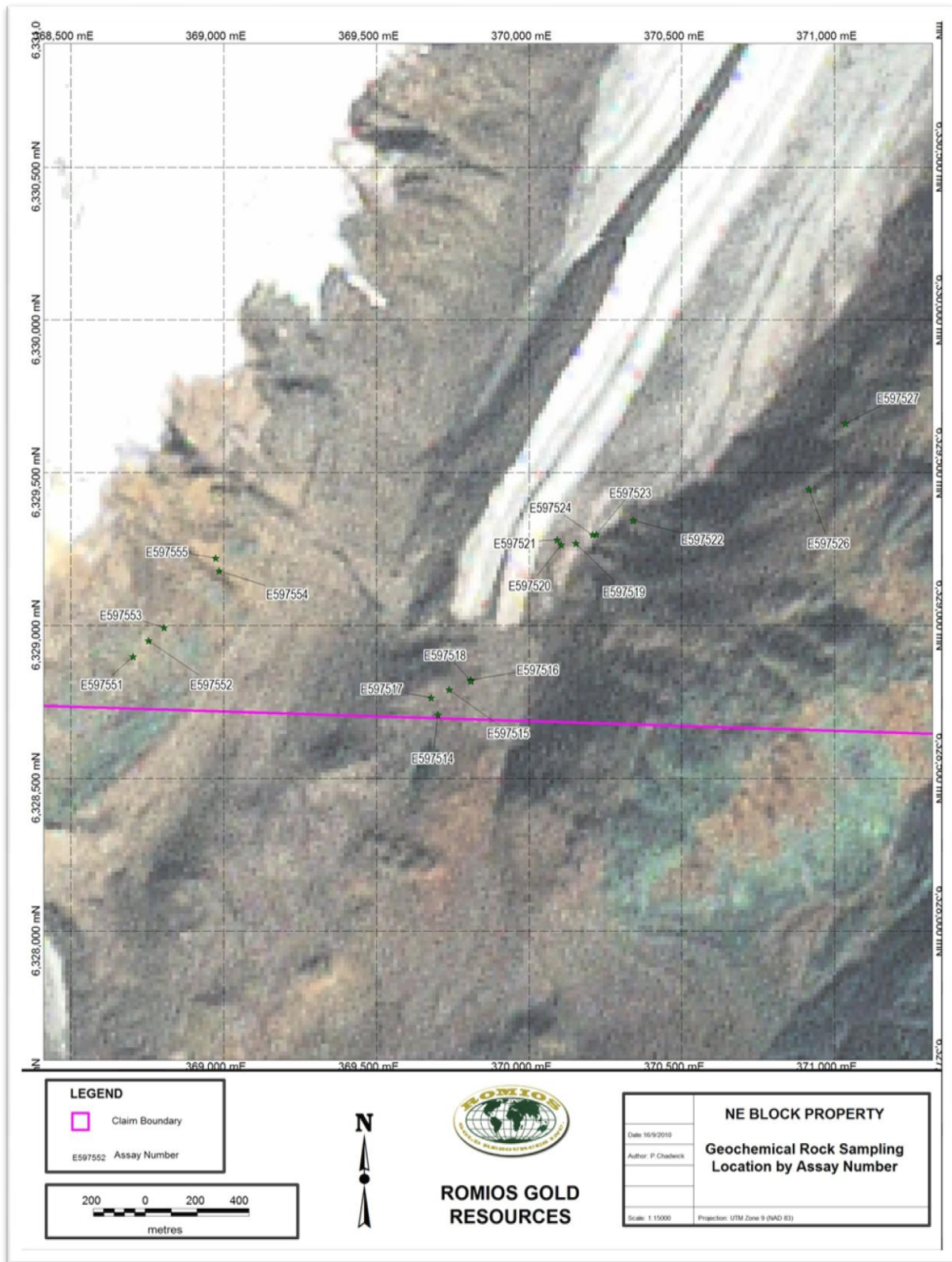
A tabulated summary of rock sampling is shown below followed by thematic maps of geochemical rock sample assay results by element (Figure 6 to Figure 8). From-To Assay Tables can be found attached in Appendix I and ALS-Chemex Laboratory Certificates in Appendix II.

**Table 2: Tabulated Results of 2010 Geochemical Rock Sampling**

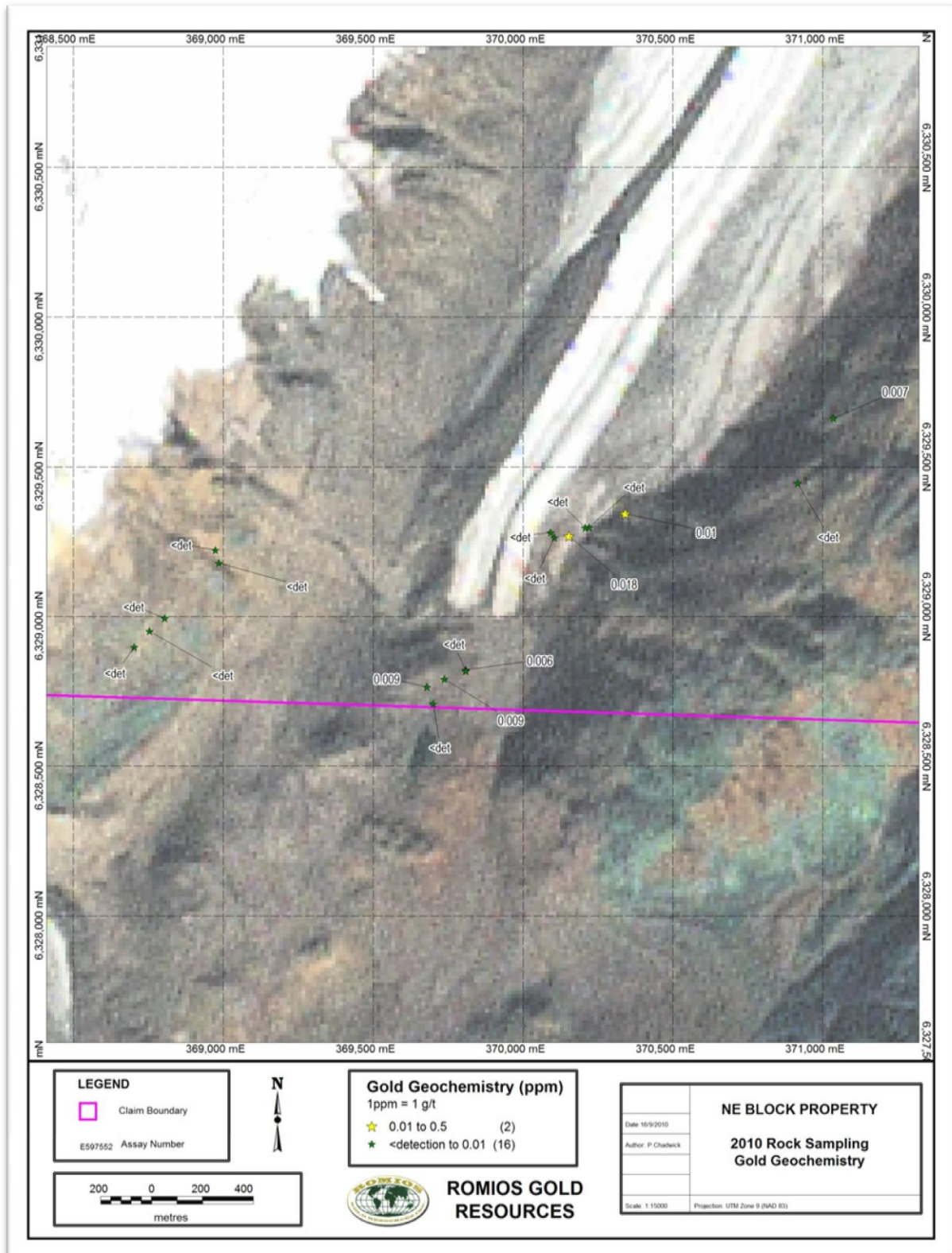
Assay Number	Easting	Northing	Sample Type	Au (g/t)	Cu (%)	Zn (ppm)	Pb (ppm)
E597514	369701	6328708	Grab	<det	0.0013	10	3
E597515	369738	6328791	Grab	0.009	0.0077	62	16
E597516	369809	6328822	Grab	0.006	0.0088	71	6
E597517	369679	6328764	Grab	0.009	0.0009	62	6
E597518	369809	6328818	Grab	<det	0.0056	96	8
E597519	370153	6329269	Grab	0.018	0.0085	70	66
E597520	370104	6329264	Grab	<det	0.0017	43	8
E597521	370092	6329280	Grab	<det	0.0037	93	5
E597522	370341	6329344	Grab	0.01	0.0257	1420	82
E597523	370220	6329298	Grab	<det	0.0008	44	4
E597524	370208	6329297	Grab	<det	0.0036	114	15
E597526	370916	6329445	Grab	<det	0.0017	18	14
E597527	371035	6329662	Grab	0.007	0.0023	105	44
E597551	368703	6328898	Grab	<det	0.0007	49	2
E597552	368753	6328951	Grab	<det	0.0048	47	3
E597553	368804	6328994	Grab	<det	0.0027	26	3
E597554	368984	6329179	Grab	<det	0.0006	20	230
E597555	368973	6329221	Grab	<det	0.0005	25	160

<sup>2</sup> ALS Laboratory Group, Mineral Division (ALS-Chemex), 2912 Molitor Place, Terrace, BC, Canada, V8G 3A4; Phone 250.635.3309; Fax 250.635.3329; [www.alsglobal.com](http://www.alsglobal.com)

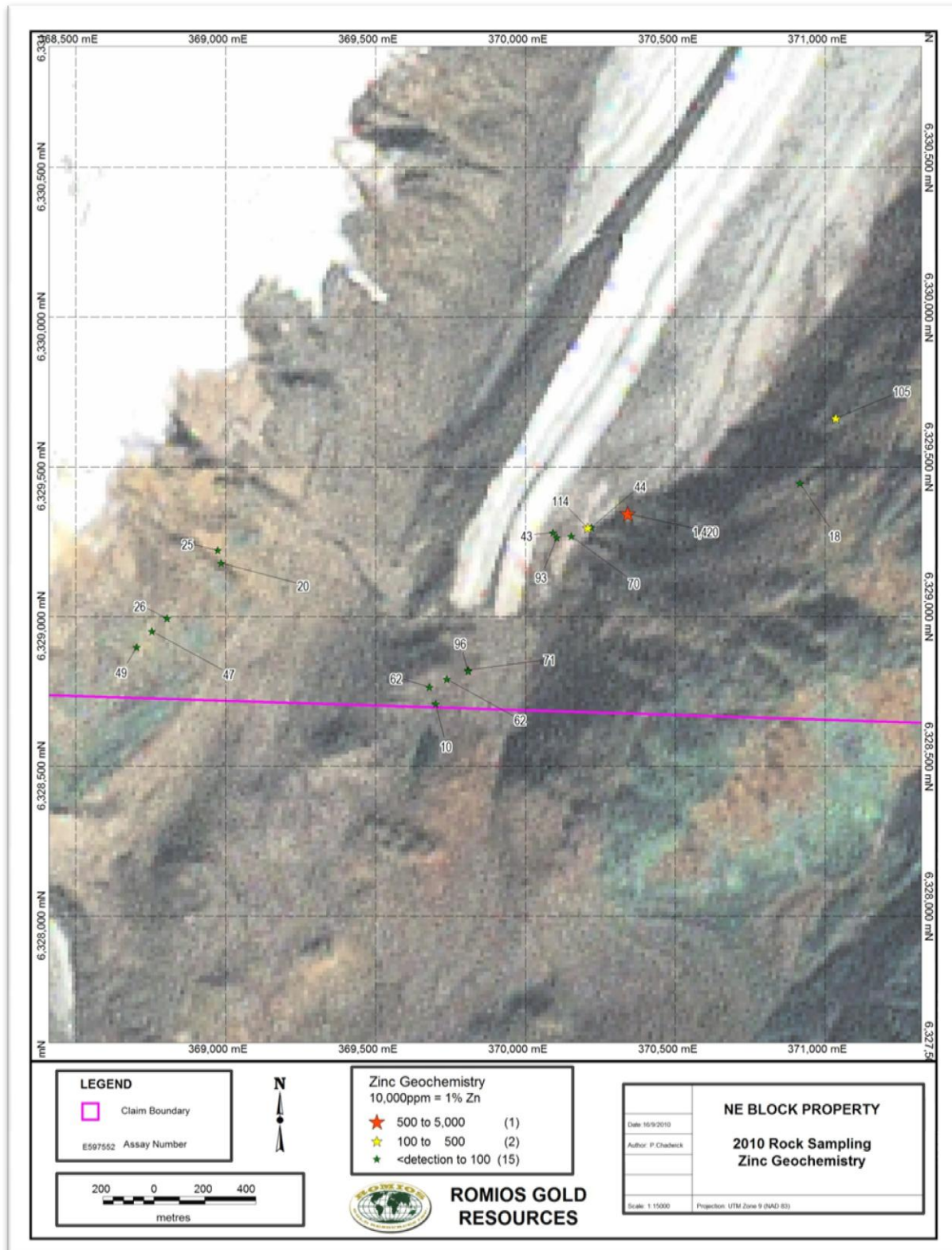
<sup>3</sup> ALS Laboratory Group, Mineral Division (ALS-Chemex), 212 Brooksbank Avenue, North Vancouver, BC, V7 2C1, Phone 604.984.0221; Fax 604.984.0218; [www.alschemex.com](http://www.alschemex.com)



**Figure 6: 2010 Rock Sampling Sample Locations**



**Figure 7: 2010 Rock Sampling Gold Geochemistry**



**Figure 8: 2010 Rock Sampling Zinc Geochemistry**

## **7.0 CONCLUSIONS AND RECOMMENDATIONS**

Rock sampling, prospecting, and follow-up of airborne magnetics was completed over the 2010 season. The following conclusions were found:

- The conglomeratic Mesozoic sediments east of the glacier weather to a light to dark orange colour which is not related to oxidation of sulphides; no mineralization appears to be associated with the gossanous colouration of the unit. Rusty weathering of the Permian limestone unit west of the glacier was not fully investigated and further time should be taken to better sample and interpret those outcrops.
- The northeast striking trends seen in 2007 airborne geophysical survey results broadly parallel lithological contacts and fault contacts between Mesozoic and Paleozoic stratigraphy.
- The isolated magnetic highs seen in the 2007 airborne geophysical survey results were not properly explained during the 2010 season; further work looking for evidence of intrusions at depth is warranted.

## 8.0 EXPENDITURES

Over the 2010 season, a total cost of \$10,401.28 was spent on the NE Block claims. Below is a breakdown of the costs associated with the 2010 exploration program.

**Table 3: 2010 Expenditures on the SW Block Claims**

2010 NE BLOCK EXPENDITURES						COST
<b>ASSAYING</b>						<b>\$882.00</b>
(Including transport costs)	18 samples sent for 41 element ICP-MS and fire assay gold					
<b>HELICOPTER</b>						<b>\$2,369.28</b>
Helicopter Time	\$1495/hr	3 days @ 0.4 hours per day				\$1,794.00
Aviation Fuel	\$2.82/L	204 litres @ 2.82/litre				\$575.28
<b>CAMP COSTS</b>						<b>\$1,750.00</b>
GCMC Espaw Camp	10 Man days at \$175/person per day					\$1,750.00
<b>PERSONNEL</b>						<b>\$5,400.00</b>
<b>Name</b>	<b>Position</b>	<b>Day Rate</b>	<b>Field Days</b>	<b>Office Days</b>	<b>Total</b>	
Paola Chadwick	Geologist	\$525.00	3	3	6	\$3,150.00
Heather Wilson	Geologist	\$350.00	3		3	\$1,050.00
Arden Braden	Sampler	\$300.00	2		2	\$600.00
Tyler Gigleberger	Sampler	\$300.00	2		2	\$600.00
<b>TOTAL 2010 EXPENDITURES</b>						<b>\$10,401.28</b>

## 9.0 BIBLIOGRAPHY

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## STATEMENT OF QUALIFICATION

I, Paola Chadwick hereby certify that:

- 1) I am an independent consulting geologist residing in Squamish, British Columbia
- 2) I am a consulting geologist for Romios Gold Resources Inc with offices at 25 Adelaide Street East, Suite 1010, Toronto, Ontario, Canada and have been working on their properties in Northwestern British Columbia since May 2007.
- 3) I have been continuously active in the mineral exploration sector since 2004.
- 4) I am a graduate of the University of British Columbia, with a Bachelors of Science Degree in Earth and Ocean Sciences.
- 5) I am the author of the Assessment Report entitled "2010 Geological and Geochemical Report on the NE Block Property" dated October 30<sup>th</sup>, 2010.
- 6) That this report is based on publically available reports and my actual exploration work on the property, and I was actively involved in the planning and execution of exploration work on the property during the summer of 2010.
- 7) I hereby authorize Romios to use this report for their internal, corporate use.

Paola Chadwick, B.Sc



---

February 15<sup>th</sup>, 2011

## STATEMENT OF QUALIFICATION

I, Garth David Kirkham, do hereby certify that:

- 1) I am a consulting geoscientist with an office at 6331 Palace Place, Burnaby, British Columbia, V5E-1Z6.
- 2) This Statement of Qualifications applies to the 2010 Assessment Filing for the NE Block Property.
- 3) I am a graduate of the University of Alberta in 1983 with a B.Sc..
- 4) I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of Alberta, the Association of Professional Engineers and Geoscientists of BC, and the Northwest Territories and Nunavut Association of Engineers and Geoscientists. I have continuously practiced my profession performing field studies, resource and reserve estimates, and computer modelling and project management since 1988, both as an employee of a geostatistical modelling and mine planning software and consulting company and as an independent consultant. I am a member of the Canadian Institute of Mining (CIM) and Geological Association of Canada (GAC).
- 5) This report is based on exploration work on the NE Block Property performed in the summer of 2010. I was involved in the planning and execution of this program as a Director of Romios Gold Resources.
- 6) I hereby authorize Romios to use this report for their internal, corporate use.

Garth Kirkham, B.Sc., P.Geo., P.Geoph.

  
February 16<sup>th</sup>, 2011



The seal is a red, diamond-shaped stamp with a decorative border. It contains the following text: 'PROFESSIONAL' at the top, 'PROVINCE OF' in the middle, 'G. D. KIRKHAM' and '#30043' in the center, and 'BRITISH COLUMBIA' and 'GEO SCIENTIST' at the bottom.

**APPENDIX I**  
**GEOCHEMICAL ROCK SAMPLING ASSAY RESULTS**

Assay	Easting	Northing	Sample Type	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)
E597514	369701	6328708	Grab	0.005	<detection	0.51	9	<detection	300	<detection	<detection	6.41	<detection	5	12	13	2.8	<detection	<detection	0.08
E597515	369738	6328791	Grab	<detection	0.3	1.55	33	<detection	130	<detection	<detection	1.61	<detection	17	58	77	3.2	10	1	0.13
E597516	369809	6328822	Grab	0.009	<detection	3	10	<detection	90	0.7	<detection	3.91	<detection	24	73	88	5.28	10	<detection	0.13
E597517	369679	6328764	Grab	0.006	<detection	0.53	13	<detection	40	0.5	<detection	4.48	<detection	13	4	9	5.09	<detection	<detection	0.04
E597518	369809	6328818	Grab	0.009	<detection	1.81	3	<detection	1620	1.1	<detection	3.99	<detection	23	298	56	4.35	10	<detection	2.01
E597519	370153	6329269	Grab	<detection	<detection	0.35	3	<detection	1410	0.7	<detection	8.1	<detection	10	9	85	3.61	<detection	<detection	0.14
E597520	370104	6329264	Grab	0.018	<detection	0.26	2	<detection	300	0.5	<detection	3.92	<detection	6	13	17	2.77	<detection	<detection	0.19
E597521	370092	6329280	Grab	<detection	<detection	0.57	4	<detection	380	0.5	<detection	3.39	<detection	10	21	37	3.3	<detection	<detection	0.14
E597522	370341	6329344	Grab	<detection	1.4	0.6	139	<detection	110	0.5	<detection	5.07	8.5	30	14	257	4.74	<detection	2	0.17
E597523	370220	6329298	Grab	0.01	<detection	0.23	7	<detection	560	<detection	<detection	6.07	<detection	8	3	8	3.29	<detection	1	0.15
E597524	370208	6329297	Grab	<detection	0.2	1.02	5	<detection	180	0.8	<detection	2.32	<detection	14	13	36	4.35	10	1	0.16
E597526	370916	6329445	Grab	<detection	<detection	2.66	24	<detection	610	0.5	<detection	9.6	<detection	11	7	17	5.97	10	<detection	0.13
E597527	371035	6329662	Grab	<detection	0.3	2.71	46	<detection	70	<detection	2	12.5	<detection	48	13	23	9.54	10	<detection	0.06
E597551	368703	6328898	Grab	<detection	<detection	0.25	4	<detection	50	<detection	<detection	11	<detection	9	3	7	5.45	<detection	<detection	0.03
E597552	368753	6328951	Grab	<detection	<detection	0.27	2	<detection	40	<detection	<detection	12.7	<detection	7	4	48	5.13	<detection	<detection	0.02
E597553	368804	6328994	Grab	<detection	0.2	0.21	4	<detection	30	<detection	<detection	5.05	<detection	8	6	27	2.53	<detection	<detection	0.02
E597554	368984	6329179	Grab	<detection	<detection	0.11	5	<detection	1140	<detection	<detection	14.2	<detection	8	5	6	4.88	<detection	<detection	0.05
E597555	368973	6329221	Grab	<detection	<detection	0.52	8	<detection	120	<detection	2	12.8	<detection	6	3	5	6.01	<detection	<detection	0.16

Assay	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Sr (ppm)	Th (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)
E597514	10	1.86	1145	<detection	0.02	6	470	3	0.09	<detection	4	109	<detection	<detection	<detection	<detection	27	<detection	10
E597515	10	1.27	333	1	0.03	26	840	16	0.4	2	4	36	<detection	0.25	<detection	<detection	128	<detection	62
E597516	10	2.96	852	<detection	0.23	21	900	6	0.36	<detection	21	213	<detection	0.09	<detection	<detection	208	<detection	71
E597517	10	2.42	900	1	0.02	2	700	6	0.12	<detection	13	326	<detection	<detection	<detection	<detection	143	<detection	62
E597518	30	4.3	855	<detection	0.14	114	3410	8	0.07	<detection	13	869	<detection	0.43	<detection	<detection	79	<detection	96
E597519	10	2.9	1785	<detection	0.02	7	680	66	0.08	<detection	6	335	<detection	0.02	<detection	<detection	49	<detection	70
E597520	10	1.31	712	<detection	0.04	6	830	8	0.01	<detection	7	134	<detection	0.01	<detection	<detection	53	<detection	43
E597521	10	1.55	861	<detection	0.04	12	1070	5	0.02	<detection	8	197	<detection	0.03	<detection	<detection	71	<detection	93
E597522	10	2.05	942	<detection	0.02	76	950	82	1.9	<detection	8	105	<detection	<detection	<detection	<detection	51	<detection	1420
E597523	10	2.26	1130	<detection	<detection	12	610	4	0.25	<detection	5	437	<detection	<detection	<detection	<detection	47	<detection	44
E597524	20	1.36	863	<detection	0.04	11	1640	15	0.01	<detection	11	167	<detection	0.03	<detection	<detection	133	<detection	114
E597526	10	1.06	1460	<detection	<detection	9	980	14	0.21	<detection	10	354	<detection	<detection	<detection	<detection	68	<detection	18
E597527	20	1.58	2030	<detection	0.01	17	760	44	4.83	<detection	11	274	<detection	0.01	<detection	<detection	109	<detection	105
E597551	<detection	3.3	2030	<detection	0.01	7	230	2	<detection	<detection	4	192	<detection	<detection	<detection	<detection	27	<detection	49
E597552	10	2.7	2130	1	<detection	8	190	3	0.01	<detection	2	263	<detection	<detection	<detection	<detection	17	<detection	47
E597553	<detection	1.21	1105	<detection	<detection	20	380	3	0.03	<detection	3	104	<detection	<detection	<detection	<detection	7	<detection	26
E597554	10	4.71	1670	1	<detection	12	230	<detection	0.06	<detection	2	137	<detection	<detection	<detection	<detection	7	<detection	20
E597555	10	1.88	1640	10	<detection	10	160	2	0.01	<detection	3	172	<detection	<detection	<detection	<detection	17	<detection	25

**APPENDIX II  
CERTIFICATES OF ASSAY**



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

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

Page: 1  
Finalized Date: 16- AUG- 2010  
Account: ROGORE

**CERTIFICATE TR10108921**

Project: DIRK, NE, NW

P.O. No.:

This report is for 27 GRAB samples submitted to our lab in Terrace, BC, Canada on 7- AUG- 2010.

The following have access to data associated with this certificate:

PAOLA CHADWICK

SCOTT CLOSE

TOM DRIVAS

**SAMPLE PREPARATION**

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

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
Au- GRA22	Au 50 g FA- GRAV finish	WST- SIM
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

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

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

Signature:



Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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To: ROMIOS GOLD RESOURCES INC.  
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Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Finalized Date: 16- AUG- 2010  
 Account: ROGORE

Project: DIRK, NE, NW

**CERTIFICATE OF ANALYSIS TR10108921**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %	ME- ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E597513		1.19	0.3	1.12	10	<10	390	1.2	2	8.2	<0.5	18	74	17	5.02	10
E597514		1.81	<0.2	0.51	9	<10	300	<0.5	<2	6.41	<0.5	5	12	13	2.80	<10
E597515		0.99	0.3	1.55	33	<10	130	<0.5	<2	1.61	<0.5	17	58	77	3.20	10
E597516		2.67	<0.2	3.00	10	<10	90	0.7	<2	3.91	<0.5	24	73	88	5.28	10
E597517		2.27	<0.2	0.53	13	<10	40	0.5	<2	4.48	<0.5	13	4	9	5.09	<10
E597518		0.31	<0.2	1.81	3	<10	1620	1.1	<2	3.99	<0.5	23	298	56	4.35	10
E597519		1.11	<0.2	0.35	3	<10	1410	0.7	<2	8.1	<0.5	10	9	85	3.61	<10
E597520		1.44	<0.2	0.26	2	<10	300	0.5	<2	3.92	<0.5	6	13	17	2.77	<10
E597521		1.09	<0.2	0.57	4	<10	380	0.5	<2	3.39	<0.5	10	21	37	3.30	<10
E597522		0.83	1.4	0.60	139	<10	110	0.5	<2	5.07	8.5	30	14	257	4.74	<10
E597523		1.16	<0.2	0.23	7	<10	560	<0.5	<2	6.07	<0.5	8	3	8	3.29	<10
E597524		1.03	0.2	1.02	5	<10	180	0.8	<2	2.32	<0.5	14	13	36	4.35	10
E597526		1.21	<0.2	2.66	24	<10	610	0.5	<2	9.6	<0.5	11	7	17	5.97	10
E597527		1.37	0.3	2.71	46	<10	70	<0.5	2	12.5	<0.5	48	13	23	9.54	10
E597551		1.08	<0.2	0.25	4	<10	50	<0.5	<2	11.0	<0.5	9	3	7	5.45	<10
E597552		0.99	<0.2	0.27	2	<10	40	<0.5	<2	12.7	<0.5	7	4	48	5.13	<10
E597553		1.37	0.2	0.21	4	<10	30	<0.5	<2	5.05	<0.5	8	6	27	2.53	<10
E597554		1.26	<0.2	0.11	5	<10	1140	<0.5	<2	14.2	<0.5	8	5	6	4.88	<10
E597555		0.74	<0.2	0.52	8	<10	120	<0.5	2	12.8	<0.5	6	3	5	6.01	<10
E597556		0.63	<0.2	0.27	4	<10	140	<0.5	<2	0.22	<0.5	1	4	2	0.51	<10
E597557		0.36	<0.2	0.28	<2	<10	50	<0.5	<2	0.11	<0.5	2	2	4	0.79	<10
E597558		0.37	<0.2	0.43	3	<10	220	<0.5	<2	1.92	<0.5	5	1	6	2.33	<10
E597559		1.70	19.3	0.30	3	<10	80	<0.5	32	0.32	0.8	3	7	1895	1.91	<10
E597560		0.72	<0.2	0.62	<2	<10	20	<0.5	<2	1.16	<0.5	3	9	12	1.48	<10
E597561		0.66	11.1	2.02	<2	<10	560	<0.5	8	1.05	0.8	24	4	5470	4.20	<10
E597562		1.70	4.2	0.38	<2	<10	30	<0.5	34	0.70	1.7	3	11	740	1.42	<10
E597563		0.73	0.2	0.37	4	<10	40	<0.5	<2	0.41	<0.5	5	7	36	2.15	<10





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

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 Total # Pages: 2 (A - C)  
 Finalized Date: 16- AUG- 2010  
 Account: ROGORE

Project: DIRK, NE, NW

**CERTIFICATE OF ANALYSIS TR10108921**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
E597513		<1	0.25	20	1.30	2950	<1	<0.01	19	2420	166	0.64	<2	24	358	<20
E597514		<1	0.08	10	1.86	1145	<1	0.02	6	470	3	0.09	<2	4	109	<20
E597515		1	0.13	10	1.27	333	1	0.03	26	840	16	0.40	2	4	36	<20
E597516		<1	0.13	10	2.96	852	<1	0.23	21	900	6	0.36	<2	21	213	<20
E597517		<1	0.04	10	2.42	900	1	0.02	2	700	6	0.12	<2	13	326	<20
E597518		<1	2.01	30	4.30	855	<1	0.14	114	3410	8	0.07	<2	13	869	<20
E597519		<1	0.14	10	2.90	1785	<1	0.02	7	680	66	0.08	<2	6	335	<20
E597520		<1	0.19	10	1.31	712	<1	0.04	6	830	8	0.01	<2	7	134	<20
E597521		<1	0.14	10	1.55	861	<1	0.04	12	1070	5	0.02	<2	8	197	<20
E597522		2	0.17	10	2.05	942	<1	0.02	76	950	82	1.90	<2	8	105	<20
E597523		1	0.15	10	2.26	1130	<1	<0.01	12	610	4	0.25	<2	5	437	<20
E597524		1	0.16	20	1.36	863	<1	0.04	11	1640	15	0.01	<2	11	167	<20
E597526		<1	0.13	10	1.06	1460	<1	<0.01	9	980	14	0.21	<2	10	354	<20
E597527		<1	0.06	20	1.58	2030	<1	0.01	17	760	44	4.83	<2	11	274	<20
E597551		<1	0.03	<10	3.30	2030	<1	0.01	7	230	2	<0.01	<2	4	192	<20
E597552		<1	0.02	10	2.70	2130	1	<0.01	8	190	3	0.01	<2	2	263	<20
E597553		<1	0.02	<10	1.21	1105	<1	<0.01	20	380	3	0.03	<2	3	104	<20
E597554		<1	0.05	10	4.71	1670	1	<0.01	12	230	<2	0.06	<2	2	137	<20
E597555		<1	0.16	10	1.88	1640	10	<0.01	10	160	2	0.01	<2	3	172	<20
E597556		<1	0.15	10	0.05	809	<1	0.01	<1	490	2	<0.01	<2	1	8	<20
E597557		<1	0.07	<10	0.18	246	<1	<0.01	<1	160	2	<0.01	<2	<1	7	<20
E597558		1	0.23	10	0.04	928	<1	0.01	<1	1000	3	0.02	<2	1	25	<20
E597559		<1	0.12	<10	0.14	358	10	<0.01	1	90	3	0.02	<2	1	6	<20
E597560		<1	0.01	<10	0.57	746	<1	<0.01	2	100	<2	<0.01	<2	2	56	<20
E597561		<1	0.87	<10	1.21	613	65	0.03	3	1420	5	0.31	3	3	120	<20
E597562		<1	0.02	<10	0.21	366	2	0.01	3	60	15	0.07	2	1	8	<20
E597563		<1	0.08	<10	0.18	458	<1	0.01	2	20	6	0.17	<2	1	29	<20



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 Total # Pages: 2 (A - C)  
 Finalized Date: 16- AUG- 2010  
 Account: ROGORE

Project: DIRK, NE, NW

**CERTIFICATE OF ANALYSIS TR10108921**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Au- AA24	Au- GRA22
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Au ppm	Au ppm
E597513		0.06	<10	<10	242	<10	146	0.005	
E597514		<0.01	<10	<10	27	<10	10	<0.005	
E597515		0.25	<10	<10	128	<10	62	0.009	
E597516		0.09	<10	<10	208	<10	71	0.006	
E597517		<0.01	<10	<10	143	<10	62	0.009	
E597518		0.43	<10	<10	79	<10	96	<0.005	
E597519		0.02	<10	<10	49	<10	70	0.018	
E597520		0.01	<10	<10	53	<10	43	<0.005	
E597521		0.03	<10	<10	71	<10	93	<0.005	
E597522		<0.01	<10	<10	51	<10	1420	0.010	
E597523		<0.01	<10	<10	47	<10	44	<0.005	
E597524		0.03	<10	<10	133	<10	114	<0.005	
E597526		<0.01	<10	<10	68	<10	18	<0.005	
E597527		0.01	<10	<10	109	<10	105	0.007	
E597551		<0.01	<10	<10	27	<10	49	<0.005	
E597552		<0.01	<10	<10	17	<10	47	<0.005	
E597553		<0.01	<10	<10	7	<10	26	<0.005	
E597554		<0.01	<10	<10	7	<10	20	<0.005	
E597555		<0.01	<10	<10	17	<10	25	<0.005	
E597556		0.02	<10	<10	5	<10	4	<0.005	
E597557		0.02	<10	<10	10	<10	10	<0.005	
E597558		0.01	<10	<10	7	<10	36	0.005	
E597559		0.01	<10	<10	13	<10	30	1.650	
E597560		<0.01	<10	<10	17	<10	25	<0.005	
E597561		0.19	<10	<10	82	<10	89	0.197	
E597562		<0.01	<10	<10	7	<10	47	>10.0	16.50
E597563		<0.01	<10	<10	10	<10	29	0.010	