

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geological

TOTAL COST:

\$13,165.00

AUTHOR(S): Bob Lane

SIGNATURE(S):



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

YEAR OF WORK: 2009

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 4597032

PROPERTY NAME: Angus

CLAIM NAME(S) (on which the work was done): 604335, 604336

COMMODITIES SOUGHT: quartz sandstone, quartzite, frac sand

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: _____

MINING DIVISION: Cariboo

NTS/BCGS: 093J/07 and 093J/08

LATITUDE: 54 ° 23 ' 49 " LONGITUDE: 122 ° 25 ' 23 " (at centre of work)

OWNER(S):

1) Stikine Gold Corporation

2) _____

MAILING ADDRESS:

490 - 1122 Mainland Street

Vancouver, BC V6B 5L1

OPERATOR(S) [who paid for the work]:

1) Stikine Gold Corporation

2) _____

MAILING ADDRESS:

490 - 1122 Mainland Street

Vancouver, BC V6B 5L1

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

quartz sandstone, quartzite, Upper Proterozoic to Cambrian, Gog Group

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: _____

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		604335, 604336	6000.00
Photo interpretation		604335, 604336	1000.00
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock 1		604336	500.00
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying 11		604335, 604336	1000.00
Petrographic 1		604336	500.00
Mineralographic 11		604335, 604336	1000.00
Metallurgic			
PROSPECTING (scale, area)		604335, 604336	3165.00
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	\$ 13,165.00

BC Geological Survey
Assessment Report
31622

2009
ASSESSMENT REPORT
FOR THE
ANGUS PROPERTY
CARIBOO MINING DIVISION
BRITISH COLUMBIA

NTS MAPS 093J/07 AND 08
LATITUDE 54.396908°N AND LONGITUDE 122.423091°W
STATEMENT OF WORK EVENT #: 4597032

PREPARED FOR: STIKINE GOLD CORPORATION
490 – 1122 MAINLAND STREET
VANCOUVER, BC CANADA V6B 5L1

PREPARED BY: BOB LANE, PGEO
PLATEAU MINERALS CORP

DATE: AUGUST 8, 2010

TABLE OF CONTENTS

1	EXECUTIVE SUMMARY	1
2	INTRODUCTION	2
2.1	LOCATION AND ACCESS.....	2
2.2	PHYSIOGRAPHY AND CLIMATE	2
2.3	PROPERTY STATUS AND OWNERSHIP	4
2.4	EXPLORATION HISTORY.....	4
3	REGIONAL GEOLOGY	6
4	PROPERTY GEOLOGY	6
5	MINERALIZATION AND GEOLOGICAL MODEL	6
6	2009 EXPLORATION PROGRAM.....	8
7	SAMPLING METHOD AND APPROACH	15
8	SAMPLE PREPARATION, ANALYSES AND SECURITY	15
9	INTERPRETATION AND CONCLUSIONS.....	15
10	RECOMMENDATIONS	15
11	ITEMIZED COST STATEMENT – PET PROPERTY.....	16
12	REFERENCES	17
13	STATEMENT OF QUALIFICATIONS	18

LIST OF TABLES

TABLE 1: ANGUS PROPERTY MINERAL CLAIMS	4
TABLE 2: SAMPLE DESCRIPTIONS, ANGUS PROPERTY	10
TABLE 3: 2009 ROCK GEOCHEMICAL SAMPLE RESULTS.....	14

LIST OF FIGURES

FIGURE 1: LOCATION OF THE ANGUS PROPERTY.....	3
FIGURE 2: ANGUS PROPERTY - MINERAL TENURE	5
FIGURE 3: REGIONAL GEOLOGY OF THE MOUNT AVERIL AREA	7
FIGURE 4: SAMPLE LOCATIONS AND STATIONS, ANGUS PROPERTY.....	12
FIGURE 5: VIEW LOOKING NORTH AT WELL-EXPOSED QUARTZ ARENITE THAT UNDERLIES MOUNT AVERIL. A SMALL DERELICT A-FRAME ADORNS ITS PEAK.....	13
FIGURE 6: TYPICAL EXPOSURE OF RESISTANT-WEATHERING, MODERATELY SOUTHWEST-DIPPING QUARTZ ARENITE, ANGUS PROPERTY.....	13

FIGURE 7: PHOTOMICROGRAPH OF SAMPLE AG09-BL01, ANGUS PROPERTY, SHOWING LITTLE VARIATION IN THE SIZE OF THESE SLIGHTLY FLATTENED QUARTZ GRAINS (RANGE FROM 0.75 TO 11 MM). CROSS-POLARIZED LIGHT. FIELD OF VIEW 2.5 MM.....14

APPENDICES

APPENDIX A. 2009 Laboratory Certificates

1 EXECUTIVE SUMMARY

In 2009 Stikine Gold Corporation (Stikine) recognized the need for a northeast BC source of frac sand for the region's developing unconventional gas exploration and production sector. In April and May of 2009, an assessment of central and northern British Columbia's potential lode sources of quartz arenite and quartzite was conducted. The research identified a number of prospective targets northwest of Fort Nelson and northeast of Prince George and staking of many of these areas ensued. A total of 17 properties were staked, including the Angus property.

The Angus property is centered 19 km southeast of the community of Bear Lake, and a distance of 59 km north of Prince George. The property encompasses Mount Averil and is comprised of 9 mineral claims that cover 4118.77 ha.

In July, 2009 Stikine Gold Corporation completed an initial reconnaissance of the Angus property and identified a northwest-trending belt of quartz arenite. Initial observations and positive results from preliminary testing of samples from the property determined it to be a priority for focused follow-up exploration. A one-day return visit in September further confirmed that the Angus property is underlain by a favourable quartz arenite to quartzite unit that has potential to be a lode source for frac sand.

It is recommended that detailed mapping and sampling be completed on the Angus property to determine the character and dimensions of the favourable geology.

2 INTRODUCTION

This summary report has been prepared at the request of Stikine Gold Corporation (Stikine) to summarize results from a preliminary sampling and prospecting conducted in the fall of 2009 on its Angus property. The current report was prepared by independent Qualified Person Bob Lane, PGeo, who conducted the initial reconnaissance in July.

Stikine Gold Corporation recognized the need for a northeast BC source of frac sand for the region's developing unconventional gas exploration and production sector. In April and May of 2009, an assessment of central and northern British Columbia's potential lode sources of quartz arenite and quartzite was conducted. The research identified a number of prospective targets northwest of Fort Nelson and northeast of Prince George and staking of many of these areas ensued. A total of 17 properties were staked, including the Angus property. Helicopter-supported reconnaissance of each property was completed in July, 2009. Samples collected were submitted for geochemical and petrographic analysis. Following the reconnaissance program additional claims were staked to provide more adequate coverage of prospective geology. Stikine owns a 100% interest in the 17 properties that now comprise 231 claims and cover a total of 83,691 ha.

Initial observations and positive results from preliminary evaluation of samples from the Angus property were encouraging and are described below.

2.1 LOCATION AND ACCESS

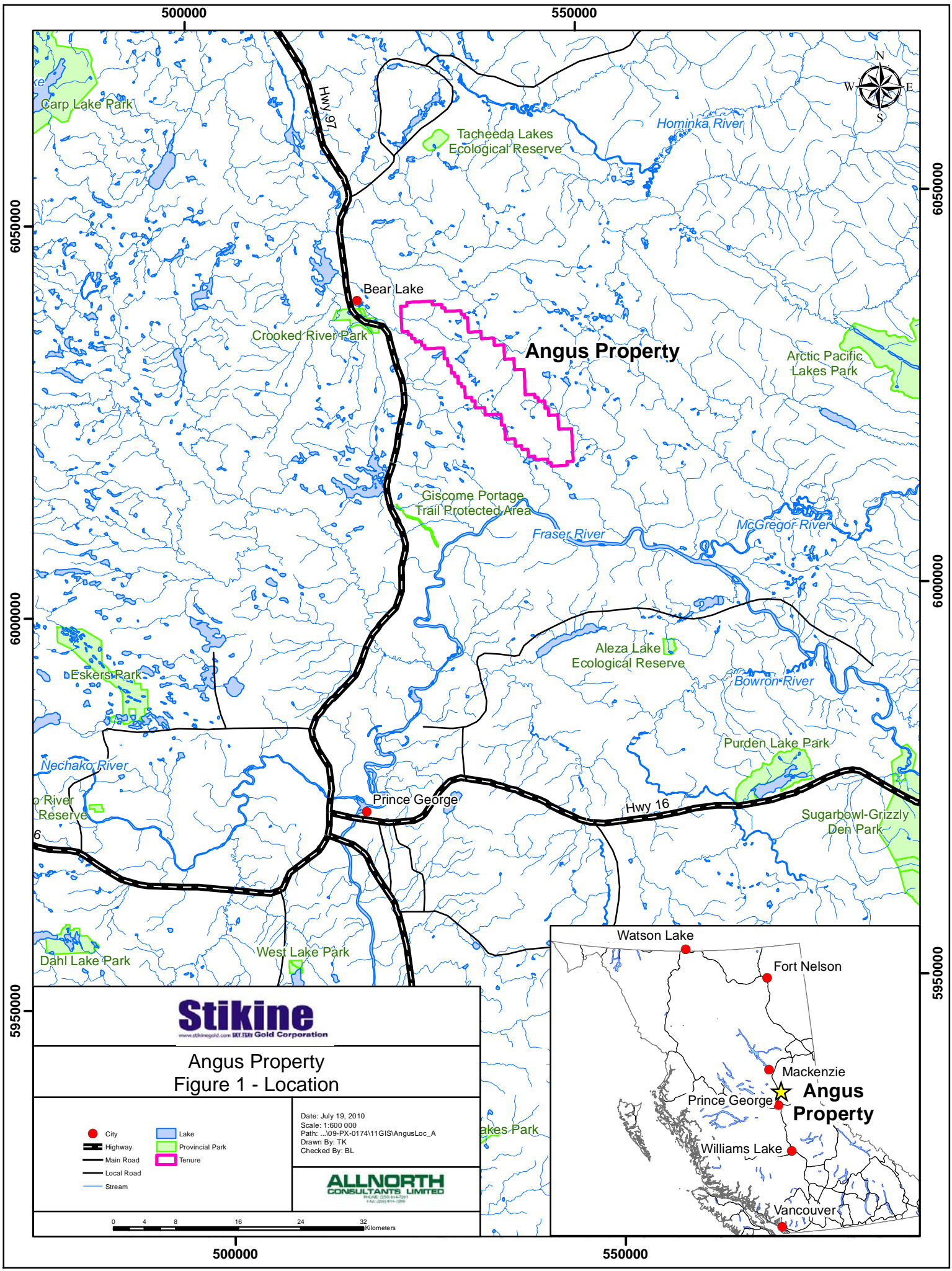
The Angus property encompasses Mount Averil in central British Columbia and is centered 19 km southeast of the community of Bear Lake in the Cariboo Mining Division. The property is approximately one-half hour by air north of Prince George (Figure 1), representing a distance of 59 km north of Prince George. It is centered at Latitude 54.396908° N and Longitude 122.423091° W.

Road access to the property is provided by Highway 97 and the partly decommissioned Darby forestry road.

2.2 PHYSIOGRAPHY AND CLIMATE

The Angus property lies in the Interior Plateau physiographic region. Topography within the claim group ranges from about 1095 to 1310 meters. The main physiographic feature on the property is Mount Averil which is the high point on the main northwest trending ridge. The top of Mount Averil is comprised of blocky, undulating ground with slabby, broken outcrop and sections of felsenmeer.

The Angus property covers a sparsely treed sub-alpine ridge and well-forested lower elevation valleys. Vegetation consist mature stands of hemlock, spruce and pine with local areas of thick underbrush, including alder and devil's club.



Stikine
www.stikinegold.com STIKINE Gold Corporation

**Angus Property
Figure 1 - Location**

- City
- Highway
- Main Road
- Local Road
- Stream
- Lake
- Provincial Park
- Tenure

Date: July 19, 2010
Scale: 1:600 000
Path: ...09-PX-0174\11GIS\AngusLoc_A
Drawn By: TK
Checked By: BL



500000

550000

500000

550000

6050000

6050000

6000000

6000000

5950000

5950000

Climate for the property is similar to that recorded for the town of Mackenzie, located about 60 km north of Bear Lake. Mackenzie enjoys average daily maximum temperatures of -9.8° C for January and 21.7° C for July. Average daily minimum temperatures for the same two months are -1 8.7° C and 8° C. Average annual rainfall and snowfall for Mackenzie are 37.5 cm and 337.1 cm respectively.

2.3 PROPERTY STATUS AND OWNERSHIP

The Angus property is comprised of 9 mineral claims that cover 4118.77 ha (Table 1 and Figure 2). The claims were acquired by staking and are 100%-owned by Stikine. The claims are not subject to any underlying interests. The Angus property is not encumbered by any provincial or national parks, or other protected areas.

Table 1: Angus Property Mineral Claims

Tenure Number	Claim Name	Owner	Tenure Type	Map Number	Issue Date	Good To Date	Area (ha)
604328		145114 (100%)	Mineral	093J	2009/may/11	2011/may/11	470.03
604329		145114 (100%)	Mineral	093J	2009/may/11	2011/may/11	451.30
604330		145114 (100%)	Mineral	093J	2009/may/11	2011/may/11	451.39
604331		145114 (100%)	Mineral	093J	2009/may/11	2011/may/11	451.49
604332		145114 (100%)	Mineral	093J	2009/may/11	2011/may/11	469.89
604333		145114 (100%)	Mineral	093J	2009/may/11	2011/may/11	469.86
604334		145114 (100%)	Mineral	093J	2009/may/11	2011/may/11	451.62
604335	ANGUS	145114 (100%)	Mineral	093J	2009/may/11	2011/may/11	470.50
604336		145114 (100%)	Mineral	093J	2009/may/11	2011/may/11	432.69
TOTAL			9				4118.77

2.4 EXPLORATION HISTORY

The Angus property has not been the subject of any recorded mineral exploration and no historical mineral exploration exists for the area of interest.

530000

540000

550000

Stikine

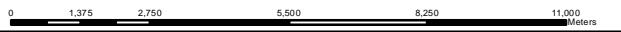
www.stikinegold.com MT, BC Gold Corporation

Angus Property Figure 2 - Mineral Claims

- Road
- Limited Use Road
- Pipeline
- Railway
- Transmission Line
- Stream
- Contour
- Lake
- Wetland
- Angus Property-Core Claims
- Claims

50k Mapsheets: 93J01,02,07,08,09,10
 Date: August 11, 2010
 Projection: UTM10N, NAD83
 Scale: 1:150 000
 Path: ...09-PX-0174\11GIS\AngusClaim_A
 Drawn By: TK
 Checked By: BL

ALLNORTH
 CONSULTANTS LIMITED



6040000

6040000

6030000

6030000

6020000

6020000

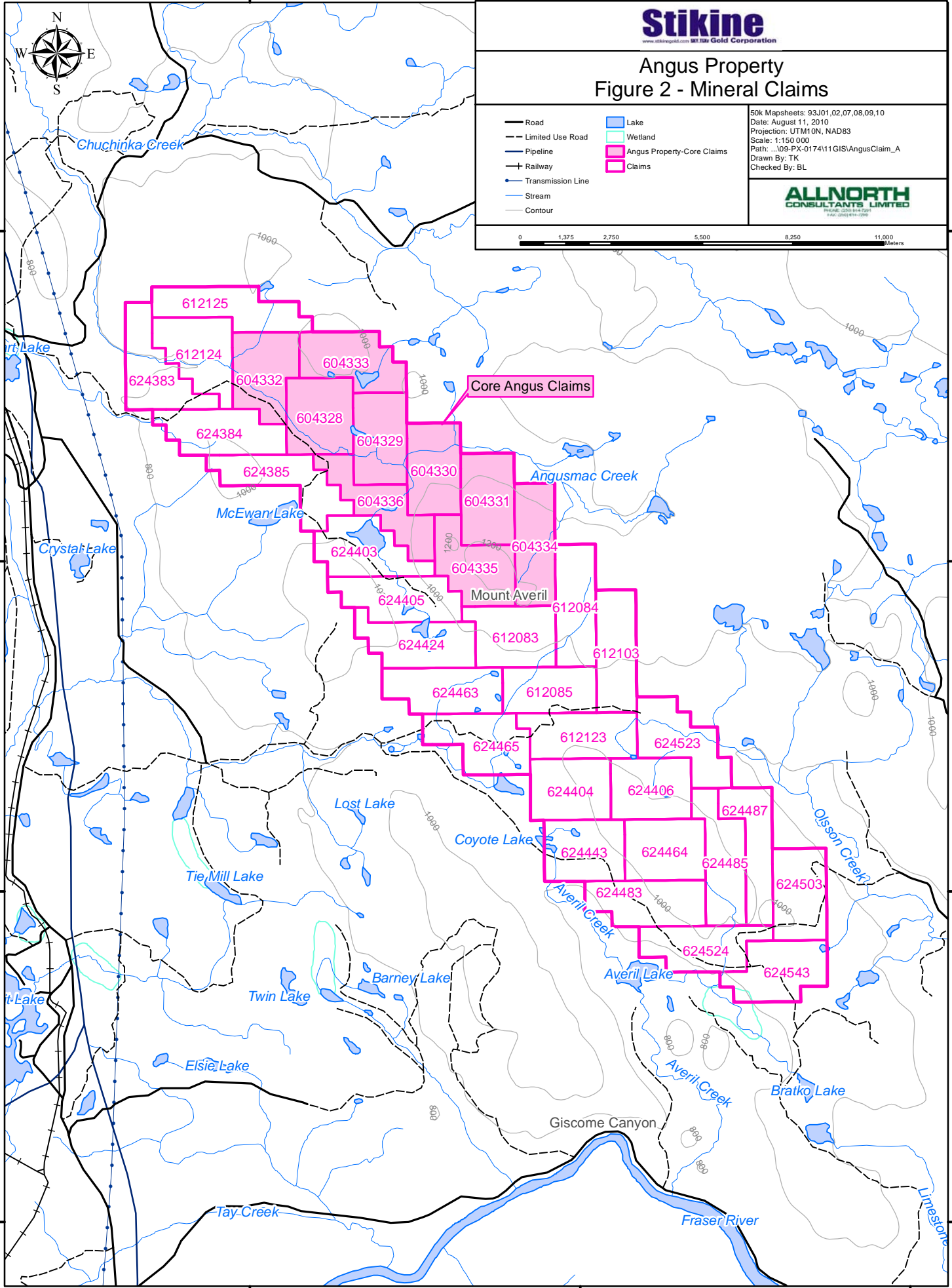
6010000

6010000

530000

540000

550000



Core Angus Claims

3 REGIONAL GEOLOGY

The regional geology of the Angus property area is shown in Figure 3 (Struik, 1994; Massey, 2005). The oldest rocks are metasedimentary and clastic sedimentary rocks of the Upper Proterozoic to Cambrian Misinchinka, Gog, Boulder Creek and Cariboo groups. These rocks extend to the northwest from the southeast corner of the map area. To the south and west of the property is a fault-bound block of metamorphic rocks that are assigned to the Cretaceous to Paleogene Wolverine Metamorphic Complex. Further west are basaltic volcanic rocks of the Carboniferous to Permian Slide Mountain Complex and Triassic to Jurassic Takla Group.

North of the property, and flanking the Misinchinka Group, are quartzite and quartz-rich clastic rocks of the Ordovician to Silurian Monkman Quartzite, and limestone and associated limy sediments of the Cambrian to Ordovician Kechika Group. Further north, numerous northwest trending faults, and east-verging thrust faults, have generated several structural panels that repeat Ordovician through Triassic stratigraphy.

4 PROPERTY GEOLOGY

Government geology maps show that the Angus property is underlain principally by phyllite, schist, quartzite, quartz arenite and clastic sedimentary rocks that are assigned to the Upper Proterozoic to Cambrian Misinchinka, Gog and Boulder Creek groups. The central part of the property, including the top of Mount Averil, is comprised of broken bedrock, blocky sub-outcrop and felsenmeer of quartz arenite. Limestone, marble and shale of the Cambrian to Ordovician Kechika Group occur in the southern part of the property and are in fault contact with the older rocks. The northern edge of the property is underlain by quartzite, quartz arenite and clastic sedimentary rocks of the Ordovician to Silurian Monkman Quartzite. Metamorphic rocks assigned to the Wolverine Metamorphic Complex occupy the western extremities of the property.

5 MINERALIZATION AND GEOLOGICAL MODEL

The Angus property was staked to cover a sequence of Upper Proterozoic Gog Group that was suspected to include quartz-rich sandstone, quartz arenite or quartzite. These quartz-rich lithologies are regarded to be potential lode sources of high-value frac sand, a commodity that is used in the extraction of hydrocarbons, and in particular shale-hosted natural gas.

525000 530000 535000 540000 545000 550000

Stikine
www.stikinegold.com STI Gold Corporation

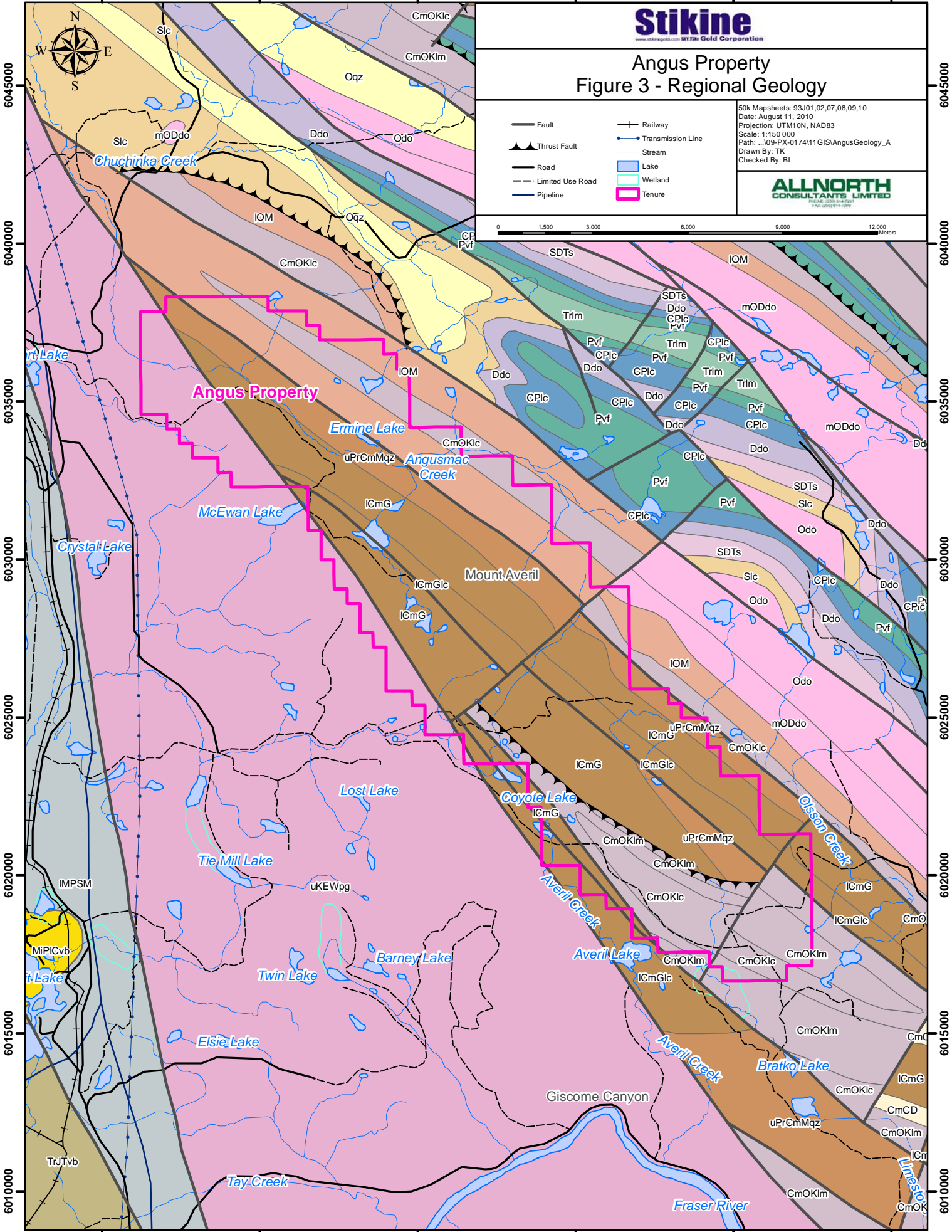
Angus Property Figure 3 - Regional Geology

- Fault
- Thrust Fault
- Road
- Limited Use Road
- Pipeline
- Railway
- Transmission Line
- Stream
- Lake
- Wetland
- Tenure

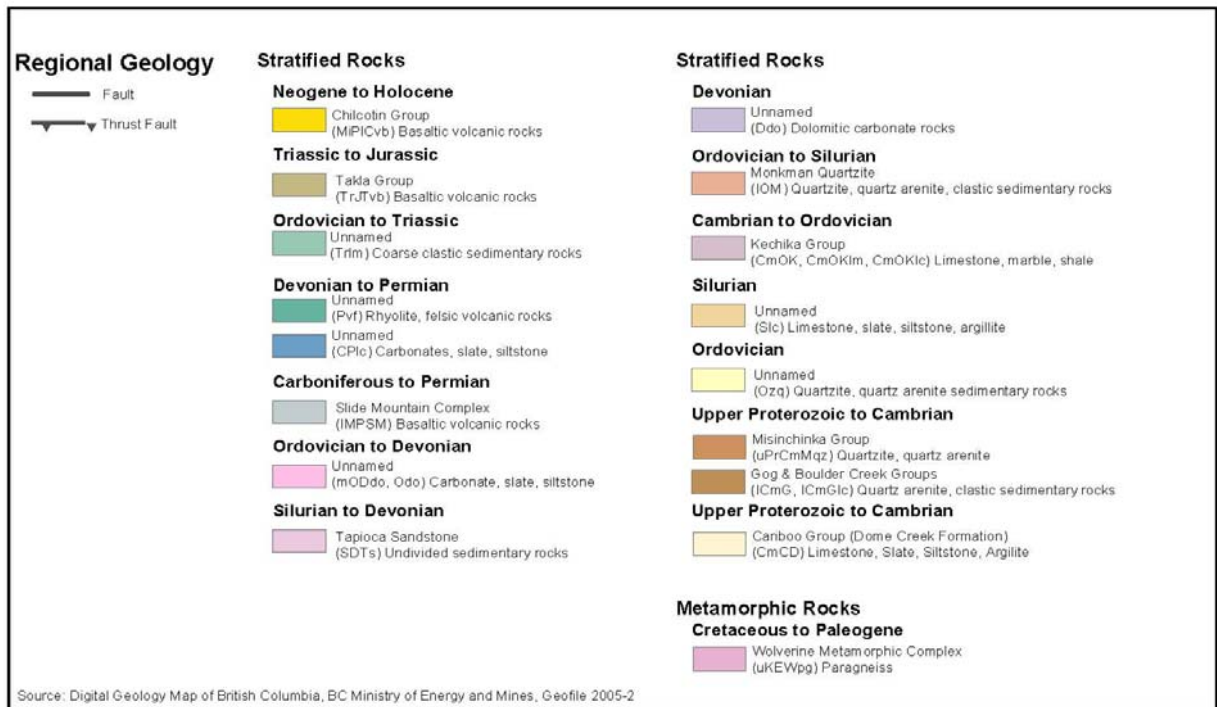
50k Mapsheets: 93J01,02,07,08,09,10
 Date: August 11, 2010
 Projection: UTM10N, NAD83
 Scale: 1:150 000
 Path: ...09-PX-0174111GIS\AngusGeology_A
 Drawn By: TK
 Checked By: BL

ALLNORTH
 CONSULTANTS LIMITED
 100-1000-1000

0 1,500 3,000 6,000 9,000 12,000 Meters



525000 530000 535000 540000 545000 550000



6 2009 EXPLORATION PROGRAM

The 2009 exploration program at the Angus property was comprised of an initial helicopter-supported reconnaissance designed to examine, verify and sample bedrock exposures for quartz-rich sedimentary and/or metamorphic rock formations. This initial evaluation identified subvertical bluffs and coarse talus fields of pale grey to off-white and locally iron oxide-stained quartz sandstone, grit and pebble conglomerate. Representative samples from the initial visit were submitted for whole rock analysis and petrographic examination. The positive initial results led to a follow-up visit (pick-up and quad-supported) that was intended to ascertain more detailed information and to estimate minimum dimensions of the favourable lithologies. The summary provided below is from a Memo written by K. MacDonald (2009) following his visit to the property.

The bulk of the follow-up sampling took place near the top of Mount Averil at an elevation of approximately 1310 m (Figure 4 and Table 2). A derelict and unusable A-frame cabin is located on top of Mount Averil at an Easting of 537206 and Northing of 6029762.

The weakly metamorphosed quartz arenite unit forms steep cliffs and crops out in numerous locations along the ridge leading to Mount Averil (Figure 5). The base of the cliffs occur at an elevation of 1096 m. An area measuring approximately 220 m long by 160 m wide by 100 m thick was evaluated.

The unit is generally white, equigranular, very well graded and very well sorted. Grains are sub-rounded to well-rounded and are cemented by silica. The mineralogy uniformly consists of quartz grains with traces of mafic minerals, other minor impurities such as zircon and lithic fragments.

The unit is typically fine-grained, but ranges from very fine grained to locally coarse-grained. Individual grains measure from 0.1 mm to 10 mm. The coarser varieties tend toward the south-southwest and some beds contain common lithic grains, suggesting that the arenite is becoming "dirtier".

The unit displays a thick bedded appearance and locally displays trough cross-bedding. Gradational bedding with a general coarsening up section to the southwest was noted, but tops could not be confirmed. It consistently has a strike of approximately 120° and dips from 25° to 40° SW forming a steep dip-slope (Figure 6).

The unit is observed in many locations to be cross-cut with white millimetre-scale quartz+/- carbonate veinlets that mainly appear to be orthogonal to bedding, and possibly parallel to a wide jointing pattern. The veinlets can be numerous, with up to 50 per meter, but typically range one or two per meter. Well-developed jointing is oriented 070°/66° N.

Table 2: Sample Descriptions, Angus Property.

Station ID	Eastings	Northing	Elevation (m)	Strike °	Dip °	Direction	Lithology	Description	Sample Type
AG09-BL01	535623	6030938	1150	n/a	n/a	n/a	Qtz. Arenite	Pale grey/white quartzite with pale orange-brown (rusty) staining; grains are translucent; no grading is apparent; several grab samples from base of steep south-facing slope	Grab
AN09-KM01	536853	6029697	1220				Meta Qtz. Arenite	Small outcrop area below bluffs. Measures 15 m wide by 20 m long. No sample taken. Clast supported, equigranular, subrounded to rounded grains, slightly welded appearance, sucrosic look. Well graded. Ave. grain size = 0.5mm.	n/a
AN09-KM02	536933	6029786	1261	120	35	SSW	Meta Qtz. Arenite	Small outcrop area on top. Pink/brown fresh; cross-cut with small white silica veins. Faint, localized rusty staining. Qtz arenite melded to quartzite. Mainly clast supported; equigranular, well graded, weakly developed laminations or fine beds. Ave. grain size = 0.5mm.	Grab
AN09-KM03	537148	6029836	1300	126	34	SSW	Meta Qtz. Arenite	Small outcrop area on top. Pale pinkish hue to fresh surface. Cross-cut with small white silica veins. Matrix supported tending to grain supported. Silica cemented. Fine grained, equigranular, well graded with rounded grains. Millimetre Qtz veinlets normal to strike. Roughly spaced 0.5 m apart. Somewhat random orientation.	Grab
AN09-KM04	537206	6029762	1310	126	34	SSW	Meta Qtz. Arenite	Sample site is beside A-Frame cabin. Good heli-landing spot and possible heli-drill hole. Qtz arenite tending to welded quartzite. Well rounded grains. Mtx supported. Moderately well graded. Grains vary from 0.1 mm to 1.0mm. Local spotty limonite? alteration. Cross-cut by millimetric Qtz veins. Surface weathering appears to penetrate deeper here (more exposed?).	Grab
AN09-KM05	537213	6029832	1306	124	32	SSW	Meta Qtz. Arenite	Good location for heli-pad. Qtz arenite tending to welded quartzite. Very fine grained. Mtx supported. Well rounded grains. Well graded. Pale, pink salmon color fresh.	Grab
AN09-KM06	537232	6029925	1300	124	32	SSW	Quartzite	Pale grey-white quartzite. Welded appearance; difficult to distinguish individual grains. Grain supported where obvious. Site is blocky felsenmeer. Limit of o/c on NNE edge of sequence. Spotty, localized earthy oxides in upper sequence. 166 m NNE of A-frame.	Grab
AN09-KM07	537326	6029722	1295	98	28	SSW	Meta Qtz. Arenite	Quartz-arenite-quartzite with welded look. Mtx supported. Equigranular. Very fine grained. Well rounded grains, well graded. Average grain size is 0.1mm. Little surface oxidation, less impurities. Strike may be tending to the ESE. Dip slightly shallowing. 122 m from A-frame.	Grab
AN09-KM08	537257	6029552	1291	118	45	SSW	Meta Qtz. Arenite	Medium grained. Welded appearance. Matrix supported. Grains sub-rounded to rounded. Well graded. Few specks of impurities. Abundant quartz +/- carb. veinlets normal to bedding & up to 50 per meter. Prominent jointing set at 070 deg. strike and 66 deg. dip to the north.	Grab

AN09-KM09	537162	6029650	1235	120	40	SSW	Meta Qtz. Arenite	Location is cliffs 112 m south of A-frame. Topographically below A-frame but up-section. Grain size appears to be coarsening on southside. May be localized bedding feature. More easily disaggregated with hammer. Coarse grained. Mtx supported, silica cement. Moderately sorted, grains sub-rounded to rounded, locally rusty staining/oxidation. Average grain size = 1.5mm.	Grab
AN09-KM10	537084	6029701	1291	112	44	SSW	Meta Qtz. Arenite	Qtz arenite, tending to welded quartzite, pale cream to white color, localized rusty spots, coarse grained. Moderately sorted, moderately graded, matrix supported. Silica cement. Variable grain size. Range from 0.5mm to 10mm. Average is likely 1.5mm. Some lithic clasts noted (less than 1.0% of volume).	Grab
AN09-KM11	537061	6029794	1291	112	44	SSW	Meta Qtz. Arenite	Medium grained, pale to buff brown, weathered, well sorted, well graded, matrix supported, silica cemented, ave. grain size is 1.0mm. Weak pervasive intergranular oxidation; earthy oxide coatings, possibly limonite.	Grab



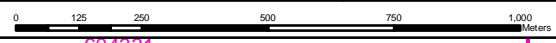
604330

Stikine
www.stikinegold.com **STIM** Gold Corporation

Angus Property Figure 4 - Sample Locations

- Sample Site
- Pipeline
- Stations
- Railways
- Transmission Line
- Stream
- Contour
- Stations
- Road
- Limited Use Road
- Lake
- Wetland
- Tenure

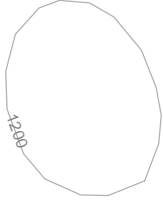
50k Mapsheets: 93J01,02,07,08,09,10
Date: July 19, 2010
Projection: UTM10N, NAD83
Scale: 1:15 000
Path: ...09-PX-0174\11GIS\AngusSampleLoc_A
Drawn By: TK
Checked By: BL



604331

AG09-BL01

604336

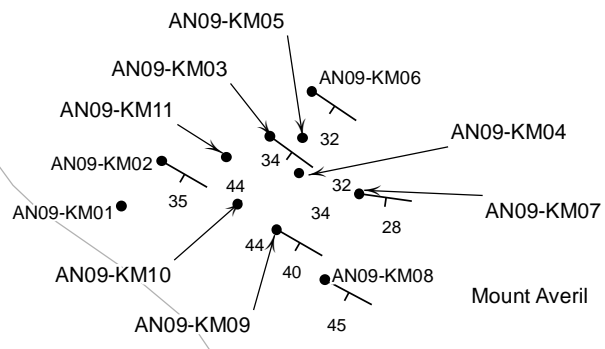


604334

6030000

624403

604335



Mount Averil

6030000

624405

1000

612083

624424

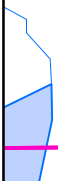




Figure 5: View looking north at well-exposed quartz arenite that underlies Mount Averil. A small derelict A-frame adorns its peak.



Figure 6: Typical exposure of resistant-weathering, moderately southwest-dipping quartz arenite, Angus property.

Whole rock analysis (by XRF) and trace element analysis was conducted on 1 rock sample from the Angus property believed to be representative of the areas examined. The resulting whole rock analysis showed a silica content of 98.50% SiO₂, a iron oxide content of 0.63% Fe₂O₃ and an alumina content of 0.36% Al₂O₃ (Table 3 and Appendix A). Petrographic examination of sample AG09-BL01 showed the sample to be a medium-grained, pure quartzite with less than 2% sericite and Fe-oxide. Grain sizes range from 0.3 – 2.0 mm with the majority of the grains in the 0.75 – 1.5 mm size range. Grains are generally well-rounded and tightly packed, with no pore space (Figure 7).

Table 3: 2009 Rock Geochemical Sample Results

Sample ID	Location		SiO ² %	TiO ² %	Al ² O ³ %	Fe ² O ³ %	MnO %	MgO %	CaO %	Na ² O %	K ² O %	P ² O ⁵ %	BaO %	LOI %	Total %
	(Easting)	(Northing)													
AG09-01	535623	6030938	98.50	0.03	0.36	0.63	0.01	0.06	0.01	0.01	0.12	0.018	0.01	0.13	99.88
Minimum detection			0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.01	0.01
Maximum detection			100	100	100	100	100	100	100	100	100	100	100	100	105
Method			XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	XRF	1000C	XRF

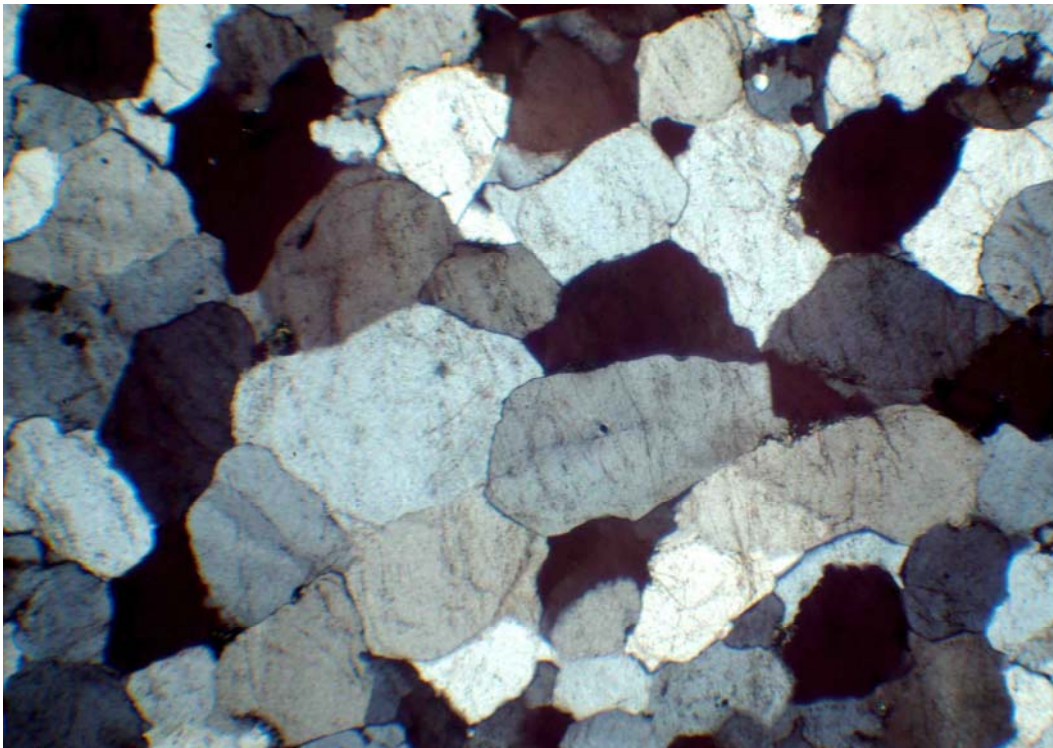


Figure 7: Photomicrograph of sample AG09-BL01, Angus property, showing little variation in the size of these slightly flattened quartz grains (range from 0.75 to 11 mm). Cross-polarized light. Field of View 2.5 mm.

7 SAMPLING METHOD AND APPROACH

A series of map stations were established in the field at individual outcrops in an attempt to cover as broad an area as possible; looking for grain size differences and to block out the rough dimensions of the unit. At each map station a GPS waypoint was taken with very good accuracy results due to the good exposure above the tree line. At each map station a representative grab sample or composite chip sample was collected. A total of 11 samples were collected and each sample was described, labelled, bagged and closed with a security strap. A representative piece of the sample was flagged with the sample number, and left clearly visible at the sample site.

8 SAMPLE PREPARATION, ANALYSES AND SECURITY

All samples were packed into large rice bags and driven from the site in a 4x4 pick-up truck and placed in a locked private garage prior to shipping. Samples selected for analysis were then repackaged and couriered to Vancouver in heavy cardboard boxes to ALS Chemex Labs for analysis or to Vancouver Petrographics for making thin sections. Geochemical analysis was performed by ALS Chemex who implements a quality system compliant with the International Standards Organization (ISO) 9001:2000 Model for Quality Assurance.

The rock sample was jaw crushed until 70% passed through a -10 mesh (2 mm) screen. The sample was split and a 250 g riffle split sample was then pulverized in a mild-steel ring-and-puck mill until 85% passed through a 200 mesh (75 µm) screen. The resulting sample pulp was analyzed for major oxides by XRF and for 48 elements by four acid ICP-MS. The remaining coarse reject portion of the sample remains in storage at ALS Chemex.

9 INTERPRETATION AND CONCLUSIONS

An initial reconnaissance of the Angus property identified a prominent northwest-trending belt of quartz-pure sandstone to weakly metamorphosed quartzite that is assigned to the Upper Proterozoic to Cambrian Gog Group. Initial observations and positive results from preliminary analysis of selected samples from the Angus prompted a one-day follow-up program in which the favourable unit was more thoroughly mapped and sampled. The unit appears to be comprised of a white to pale pink, equigranular, well-graded, well-sorted, grain to matrix supported, fine-grained, and thickly bedded quartz arenite to quartzite.

The work completed to-date on the Angus property indicate that it has potential to host bedrock material suitable for processing into frac sand.

10 RECOMMENDATIONS

It is recommended that exploration of the Angus property continue and build upon the very encouraging, but limited work that was completed in 2009. Future work should consist of additional mapping and systematic sampling in order to outline areas for more focused exploration including diamond drilling and bulk sampling. The estimated cost of the helicopter-supported and road-based non-mechanical follow-up work is estimated to be \$25,000. Should that work prove to be successful,

a drill program consisting of between 4-6 holes is recommended to evaluate the principal areas of interest.

11 ITEMIZED COST STATEMENT – ANGUS PROPERTY

Exploration Work type	Comment	Days			Totals
Personnel (Name) / Position	Field Days	Days	Rate	Subtotal*	
Bob Lane, Geologist	July 17	0.5	\$650.00	\$325.00	
Ken MacDonald, Geologist	July 17, September 11	1.5	\$650.00	\$975.00	
Brian Kornichuk, Geotech	September 11	1.0	\$350.00	\$350.00	
				\$1650.00	\$1,650.00
Office Studies	List Personnel				
Bob Lane	Project Preparation & Management	1.0	\$650.00	\$650.00	
Ken MacDonald	Project Preparation	1.0	\$650.00	\$650.00	
Tina Kwitkoski	Preparation of field maps	1.0	\$560.00	\$560.00	
				\$1860.00	\$1,860.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
ALS Chemex	Whole Rock and Trace Element	1	100	\$100.0	
				\$100.00	\$100.00
Other Operations	Clarify	Units	Rate	Subtotal	
Courier Costs	DHL	3.0	\$25.00	\$75.00	
Thin Section Preparation	Vancouver Petrographics	1.0	60.00	60.00	
Petrographic Services	Panterra Geoservices Inc	1.0	\$200.00	\$200.00	
Report Preparation	Plateau Minerals Corp.	3.0	650.00	\$1950.00	
				\$2285.00	\$2,285.00
Transportation		Units	Rate	Subtotal	
Fuel for Vehicles	Two 4x4 Pickups	2.0	\$150.00	\$300.00	
Kilometre Charges – Vehicles	Two 4x4 Pickups	450	\$0.65	\$292.50	
				\$592.50	\$592.50
Accommodation & Food		Units	Rate	Subtotal	
Three Man-Days (food only)	July 17, September 11	3.00	\$50.00	\$150.00	
				\$150.00	\$150.00
Helicopter		Units	Rate	Subtotal	
Hours Flown For Angus Project (incl Jet Fuel)	Interior Helicopters (West Luck – 206)	5.7	\$1075.00	\$6127.50	
				\$6127.50	\$6,127.50
Equipment & Supplies		Units	Rate	Subtotal	
IPL - Prince George	Rice Bags, Poly Bags, Zip Ties, Crack Hammers, Chisels, PPE, FA	1.00	\$200.00	\$200.00	
Quad & Trailer	1 day rental	1.00	\$200.00	\$200.00	
				\$400.00	\$400.00
TOTAL Expenditures					\$13,165.00

12 REFERENCES

MacDonald, K.F. (2009): Angus Sampling Program Memo; Private Report for Plateau Minerals Corp., 4 p.

Massey, N.W.D., MacIntyre, D.G., Desjardins, P.J. and Cooney, R.T. (2005): Geology of British Columbia (compilation); *BC Ministry of Energy, Mines and Petroleum Resources*; Geoscience Map 2005-3.

Ross, K. (2009): Petrographic Study of Three Quartzite Samples, North-Eastern British Columbia; Private Report for Stikine Gold Corporation, 11 p.

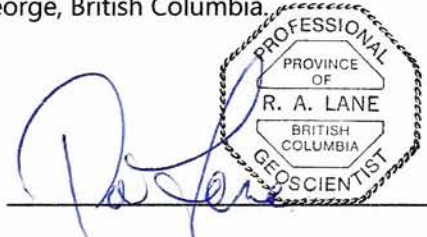
Struik, L.C. (1994): Geology of the McLeod Lake Map Sheet (93 J); Energy, Mines and Resources Canada, Open File 2439.

STATEMENT OF QUALIFICATIONS

I, Robert (Bob) A. Lane, PGeo, residing in Prince George, B.C., do hereby certify that:

1. I am currently employed as a consulting geologist by Plateau Minerals Corp, located at 2606 Carlisle Way, Prince George, British Columbia, Canada, V2K 4H9.
2. I obtained a Master of Science degree with Specialization in Geology in 1990 from the University of British Columbia.
3. I have worked as a geologist for more than 20 years since my graduation from university.
4. I am a Professional Geoscientist (PGeo) registered with the Association of Professional Engineers and Geoscientists of British Columbia, license #18993, and have been a member in good standing since 1992.
5. I participated in the 2009 exploration program that took place in 2009. This report presents and summarizes the data acquired during the 2009 field season.
6. I am the author of this report on the Angus property entitled "2009 Assessment Report for the Angus Property" dated August 1, 2010.

Dated this 1st day of August, 2010, at Prince George, British Columbia.



The image shows a handwritten signature in blue ink that overlaps a circular professional seal. The seal is for a Professional Geoscientist in the Province of British Columbia, with the name R. A. LANE and license number 18993. The seal is partially obscured by the signature.

Robert (Bob) A. Lane, MSc, PGeo



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: PLATEAU MINERALS CORP
2606 CARLISLE WAY
PRINCE GEORGE BC V2K 4H9

Page: 1
Finalized Date: 19-AUG-2009
This copy reported on 20-AUG-2009
Account: PLATEM

CERTIFICATE VA09075236

Project:

P.O. No.:

This report is for 7 Rock samples submitted to our lab in Vancouver, BC, Canada on 23-JUL-2009.

The following have access to data associated with this certificate:

BOB LANE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
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
ME-XRF06	Whole Rock Package - XRF	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: PLATEAU MINERALS CORP
ATTN: BOB LANE
2606 CARLISLE WAY
PRINCE GEORGE BC V2K 4H9

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 Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

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

To: PLATEAU MINERALS CORP
 2606 CARLISLE WAY
 PRINCE GEORGE BC V2K 4H9

Page: 2 - A
 Total # Pages: 2 (A - E)
 Plus Appendix Pages
 Finalized Date: 19-AUG-2009
 Account: PLATEM

CERTIFICATE OF ANALYSIS VA09075236

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm	ME-MS61 Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
BV09-BL02		0.92	0.05	0.46	3.0	520	0.10	0.07	0.03	0.06	9.87	0.6	12	0.27	4.8	0.59
LV09-004		0.90	0.05	0.22	0.2	60	0.06	0.03	0.01	0.12	7.93	0.7	20	0.13	4.3	0.52
ND09-BL01		0.94	0.12	0.40	0.3	10	0.06	0.02	0.01	<0.02	7.45	0.3	23	0.06	3.6	0.27
CL09-BL01		0.50	0.02	1.43	<0.2	270	0.24	0.02	7.53	0.07	19.85	0.8	8	0.58	1.6	0.47
SC09-BL01		0.74	0.07	0.62	3.2	30	0.11	0.04	2.90	0.04	26.0	2.2	38	0.22	3.8	1.18
PT09-BL03		0.86	0.03	0.64	3.6	60	0.13	0.07	0.06	0.03	7.61	0.8	16	0.25	3.0	0.94
AG09-BL01		1.12	0.01	0.21	2.9	10	0.07	0.05	0.02	<0.02	9.25	0.4	19	0.07	5.0	0.54

***** See Appendix Page for comments regarding this certificate *****



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: PLATEAU MINERALS CORP
2606 CARLISLE WAY
PRINCE GEORGE BC V2K 4H9

Page: 2 - B
Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 19-AUG-2009
Account: PLATEM

CERTIFICATE OF ANALYSIS VA09075236

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
BV09-BL02		1.24	<0.05	0.5	0.009	0.17	4.8	4.3	0.04	35	0.29	0.01	0.9	2.5	180	2.8
LV09-004		0.74	0.05	0.3	0.013	0.08	3.8	0.2	0.01	49	0.35	0.01	0.6	2.1	20	1.6
ND09-BL01		1.30	<0.05	0.5	<0.005	0.16	4.5	0.5	0.04	22	0.23	0.01	0.6	2.2	20	0.8
CL09-BL01		2.71	0.07	1.5	0.011	1.52	9.3	3.3	4.27	205	0.14	0.04	2.1	2.4	450	4.5
SC09-BL01		1.41	0.08	0.8	0.012	0.07	13.4	6.8	0.12	133	0.29	0.19	1.9	7.9	280	6.9
PT09-BL03		1.63	<0.05	0.6	0.006	0.18	4.1	7.4	0.04	49	2.03	0.01	1.0	2.8	80	3.1
AG09-BL01		0.61	<0.05	0.4	0.005	0.08	4.7	1.8	0.01	38	0.41	<0.01	0.9	1.7	40	1.7

***** See Appendix Page for comments regarding this certificate *****



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: PLATEAU MINERALS CORP
2606 CARLISLE WAY
PRINCE GEORGE BC V2K 4H9

Page: 2 - C
Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 19-AUG-2009
Account: PLATEM

CERTIFICATE OF ANALYSIS VA09075236

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Rb ppm 0.1	Re ppm 0.002	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 1	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.05	Te ppm 0.05	Th ppm 0.2	Ti % 0.005	Tl ppm 0.02	U ppm 0.1	V ppm 1
BV09-BL02		7.6	<0.002	0.08	0.16	1.1	2	0.2	17.9	0.06	<0.05	0.9	0.033	0.06	0.3	10
LV09-004		3.6	<0.002	<0.01	0.55	0.4	2	0.2	7.8	<0.05	<0.05	0.9	0.022	0.02	0.2	3
ND09-BL01		2.5	<0.002	<0.01	0.12	0.6	2	0.2	2.2	<0.05	<0.05	1.5	0.017	<0.02	0.3	5
CL09-BL01		35.2	<0.002	<0.01	0.14	1.4	2	0.2	49.5	0.15	<0.05	2.4	0.047	0.16	0.7	7
SC09-BL01		4.1	<0.002	0.02	0.20	1.8	2	0.3	56.0	0.07	<0.05	4.1	0.124	0.05	1.3	23
PT09-BL03		6.1	<0.002	0.05	0.25	0.6	2	0.4	12.9	0.07	<0.05	1.2	0.038	0.04	0.3	18
AG09-BL01		2.7	<0.002	<0.01	0.40	0.3	2	0.3	2.5	<0.05	<0.05	1.3	0.015	0.02	0.3	3



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: PLATEAU MINERALS CORP
2606 CARLISLE WAY
PRINCE GEORGE BC V2K 4H9

Page: 2 - D
Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 19-AUG-2009
Account: PLATEM

CERTIFICATE OF ANALYSIS VA09075236

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	SiO2 % 0.01	Al2O3 % 0.01	Fe2O3 % 0.01	CaO % 0.01	MgO % 0.01	Na2O % 0.01	K2O % 0.01	Cr2O3 % 0.01	TiO2 % 0.01	MnO % 0.01	P2O5 % 0.001
BV09-BL02		0.1	1.5	8	18.8	96.96	0.85	0.68	0.02	0.11	0.03	0.22	<0.01	0.05	0.01	0.045
LV09-004		0.4	1.0	9	8.8	98.28	0.40	0.71	<0.01	0.07	0.02	0.11	<0.01	0.05	0.01	0.014
ND09-BL01		0.1	2.2	<2	18.3	98.03	0.75	0.37	<0.01	0.12	0.02	0.22	0.01	0.07	<0.01	0.014
CL09-BL01		0.2	6.5	9	56.9	60.16	2.66	0.63	10.56	7.37	0.04	1.70	<0.01	0.09	0.03	0.103
SC09-BL01		0.2	9.1	19	41.6	88.37	1.18	1.61	3.90	0.25	0.25	0.10	0.01	0.27	0.02	0.070
PT09-BL03		0.1	1.4	55	22.2	96.07	1.24	1.25	0.06	0.13	0.02	0.24	<0.01	0.06	0.01	0.025
AG09-BL01		0.1	1.6	<2	13.5	98.50	0.36	0.63	0.01	0.06	0.01	0.12	<0.01	0.02	0.01	0.018



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: PLATEAU MINERALS CORP
2606 CARLISLE WAY
PRINCE GEORGE BC V2K 4H9

Page: 2 - E
Total # Pages: 2 (A - E)
Plus Appendix Pages
Finalized Date: 19-AUG-2009
Account: PLATEM

CERTIFICATE OF ANALYSIS VA09075236

Sample Description	Method Analyte Units LOR	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
		SrO	BaO	LOI	Total
		%	%	%	%
		0.01	0.01	0.01	0.01
BV09-BL02		0.01	0.01	0.59	99.57
LV09-004		0.01	<0.01	0.06	99.74
ND09-BL01		0.01	0.01	0.24	99.86
CL09-BL01		0.01	0.02	16.45	99.82
SC09-BL01		0.01	<0.01	3.84	99.88
PT09-BL03		0.01	<0.01	0.79	99.90
AG09-BL01		0.01	0.01	0.13	99.88



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: PLATEAU MINERALS CORP
2606 CARLISLE WAY
PRINCE GEORGE BC V2K 4H9

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 19-AUG-2009
Account: PLATEM

CERTIFICATE OF ANALYSIS VA09075236

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.