the Best Place on Earth		REQ COLCAL SUMME
Ministry of Energy and Mines BC Geological Survey		Assessment Report Title Page and Summary
TYPE OF REPORT [type of survey(s)]: Technical Geochemical	TOTAL COST:	5,555.00
AUTHOR(S): Roger MacDonald P.Geo.	SIGNATURE(S): R. UM) ll.
NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A		YEAR OF WORK: 2012
STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S):	5422957, December 21/2012	
PROPERTY NAME: Bluff Property		
CLAIM NAME(S) (on which the work was done): Bluff, Bluff112, Ext an	d Bornite	
COMMODITIES SOUGHT: Cu/Au/Mo		
MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:		
MINING DIVISION: Clinton	NTS/BCGS: 92 N 077	
LATITUDE: 51 ° 45 25 " LONGITUDE: 124	• 41 '04 " (at centre of work))
OWNER(S): 1) Susan Elizabeth Roiston	_ 2}	
MAILING ADDRESS: Box 32, Tatla Lake, BC, Canada, V0L 1V0		
OPERATOR(S) [who paid for the work]: 1) Tchaikazan Resources Ltd. (Susan E. Rolston)	2)	
MAILING ADDRESS: Box 32, Tetla Lake, BC, Canada, V0L 1V0		
PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure Cu/Au/Mo Porhyry, Cretaceous-Tertiary, Andesites, Crystal Tuff		ldspar Þorhyry Dykes
REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT R	EPORT NUMBERS: AR# 29,547, AR# 29526	3
		Next Page

BRITISH COLUMBIA



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			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
	· · · · · · · · · · · · · · · · · · ·		
Induced Polarization			· · · · · · · · · · · · · · · · · · ·
Radiometric			
Seismic			
Other			
Airbome			
GEOCHEMICAL (number of samples analysed for)			
Soil			
Silt			
Rock <u>17</u>		Home, Bluff112, Bluff11, EXT, Bornite	
Other		యగి	10 \$ 500, 11 /\$ 1,200,50
DRILLING total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			·
PROSPECTING (scale, area)		_	
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/tr			
Trench (metres)			
Other			
	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		\$5,555.00

TCHAIKAZAN RESOURCES INC.

Box 32, Tatla Lake, British Columbia, Canada VOL 1V0 Ph: 250 476 1218

BC Geological Survey Assessment Report 33785

BLUFF PROPERTY Bluff, Bluff11, Bluff112, Horne, Ext, Bornite, Butt1, Butt2 And South Butler Claims

Clinton Mining Division BCGS 092 N 77

Lat 51° 45' 25" N Long 124° 41' 04" W

ASSESSMENT REPORT on the ROCK GEOCHEMISTRY PROGRAM

October 7 to October 26, 2012

By

Roger MacDonald, P.Geo. 8191 River Road Richmond, BC, Canada V6X 1CX8

February 23, 2013

Table of Contents

Summary	
Location and Access	
Claims	
Physiography and Local Infrastructure	
History and Previous Work	9
Geology	
Regional Setting	
Local Geology	
Geochemistry	
Discussion and Interpretation	
Statement of Costs	
Statements of Qualifications	
Bibliography	21
Appendix I – Assay Certificates	23

List of Figures

Figure 1 - Location Map	6
Figure 2 - Claim Map	
Figure 3 - Rock Geochem Sample Locations	
Figure 4 - Rock Assay Results Au/Cu/Pb/Zn	14
Figure 5 - Rock Assay Results Au/Cu/Pb/Zn	
Figure 6 - Rock Assay Results Au/Cu/Pb/Zn	

List of Tables

Table 1 - Claim Status	5
Table 2 - Rock Descriptions	12
Table 3 - Statement of Costs	18

Summary

The Bluff Property of Tchikazan Resources Inc. is located about 22 km south of the village of Tatla Lake BC which is on British Columbia Highway 20 about 240 km west of Williams Lake BC. The property is located on BCGS map 092N 077 and consists of Tenures 541943, 848734, 848082, 547801, 984009, 983993, 1012228, 1012223 and 1013712, owned 100% by Susan Elizabeth Rolston. The property is centered approximately on Lat 51° 45' 25" N Long 124° 41' 04" W.

The Bluff claim block and areas adjacent to have an exploration history dating back to the 1940's when precious metal veins were discovered on Butler Mountain. The ground was worked for its copper/moly/gold potential by several operators from the 1960's through to the present.

The Bluff Property was staked as a result of prospecting activity by the local landowner during the course of an earlier exploration program by Newmac Resources Inc. on the adjacent property. Sue and Les Rolston own a small local ranch and have provided room and board and logistical assistance to Newmac during the course of previous exploration programs. Mrs. Rolston developed a keen interest in prospecting and had located a single specimen exhibiting malachite and tourmaline mineralization. With encouragement from a Mincord Exploration Consultant she continued her exploration and delineated a broad tourmaline/chalcopyrite zone with occasional spectacular copper carbonate coated cliff faces. When the extent and limits of the mineralization became clearer, claims were staked and a property agreement was struck between Susan Rolston and Newmac.

Late in 2006, a geophysical survey (mag. and IP), was completed by Alan Scott, geophysicists. Based on the results of this survey, a diamond drilling program was executed, in two parts, between February 14, 2007 and May 23, 2007. The results of that drilling program were inconclusive. However un-split core that is racked on site displays varying degrees of copper mineralization.

The 2012 geochemical program consisted of rock sampling on the Bluff, Bluff112, Ext and Bornite claims during the period October 7 to October 26, 2012. Sampling took place on three areas of the Bluff Claim block. To the south on Bluff and Bluff112, three samples, Blu 1 to Blu 3, were taken to confirm known mineralization around the Painted Bluff showing. Samples Blu1, Blu2 and Blu3 returned copper values of 3190ppm, 2330ppm and 6250ppm respectively. Sample Blu1 also ran 2.02g/t Au, 2260ppm As and 889ppm Zn.

Two samples, Horn 001 and Horn 002, were taken from the Ext claim to the north to test for possible mineralization near the northern extent of the property. The samples did not return any significant assays.

Twelve samples, Bor001 through Bor009B, were taken on the Bornite claim in the area of the Bornite showing. They were taken in an effort to locate the source of mineralized float found at a prospector's cabin located near the confluence of upper Butler creeks. Eight of twelve samples

taken in the area of the Bornite showing were anomalous in copper: Bor001/173ppm Cu, Bor002-A/516ppm Cu, Bor003/220ppm Cu, Bor003-B/569ppm Cu, Bor008-A/ 201ppm Cu, bor008-B/235 and Bor009-A/164 with sample Bor007 returning assays of 2170ppm Cu, 0.087ppm Au and 3.5ppm Ag. Bor007 was taken from a broad, 20 metre, shear zone that crosses the west branch of upper Butler Creek.

The Bluff Property holds potential for mineralization similar to the Fish Lake (Prosperity) Cu/Au deposit located some 70km to the East; The Skinner Mountain lode Ag/Au veins, 18km east and the Blackhorn Mountain lode Au/Ag veins 20km to the south.

Location and Access

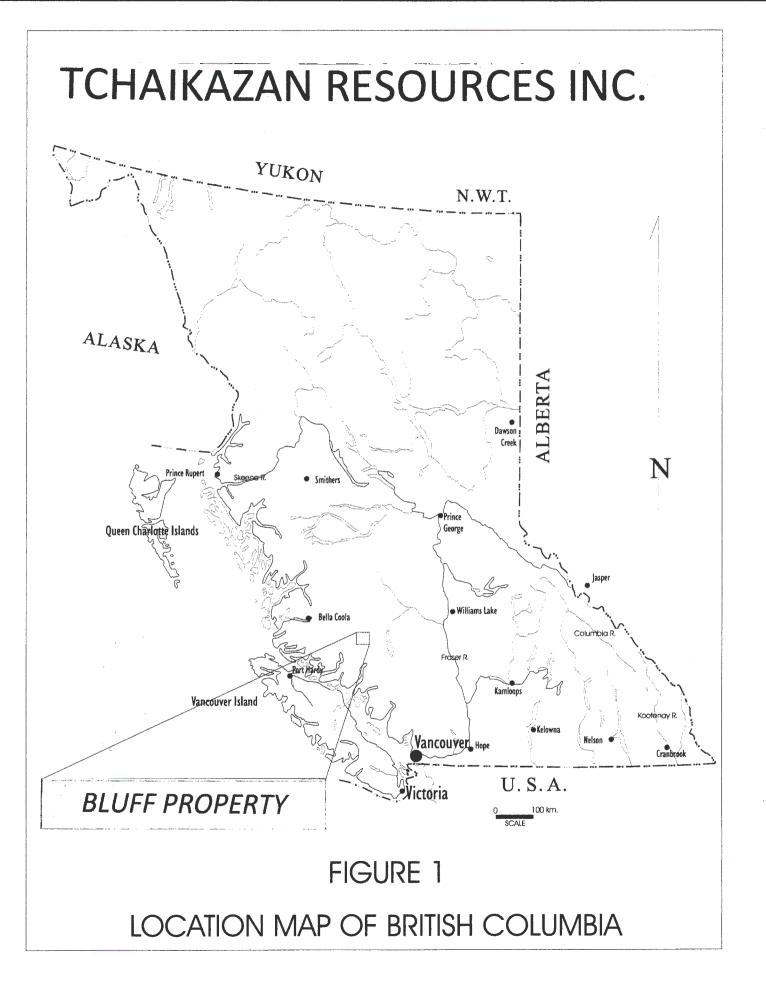
The property is located on BCGS mapsheet 092 N 077 and centered on Lat 51° 45' 25" N Long 124° 41' 04" W. The Bluff property is situated in the Clinton Mining Division approximately 250 km west of Williams Lake BC. There is good all weather paved road access from Williams Lake west on Highway 20 to Tatla Lake. About one kilometre before reaching the village of Tatla Lake, is the Bluff Lake turnoff. Travel south on good all weather gravel road about four kilometres to the Bluff Lake road (exit west) and follow for 19.6 km to the Rolston Ranch access road. Beyond the Ranch, access is difficult and gained only by foot or helicopter. Local helicopter service is provided by White Saddle Air Services at the south end of Bluff Lake.

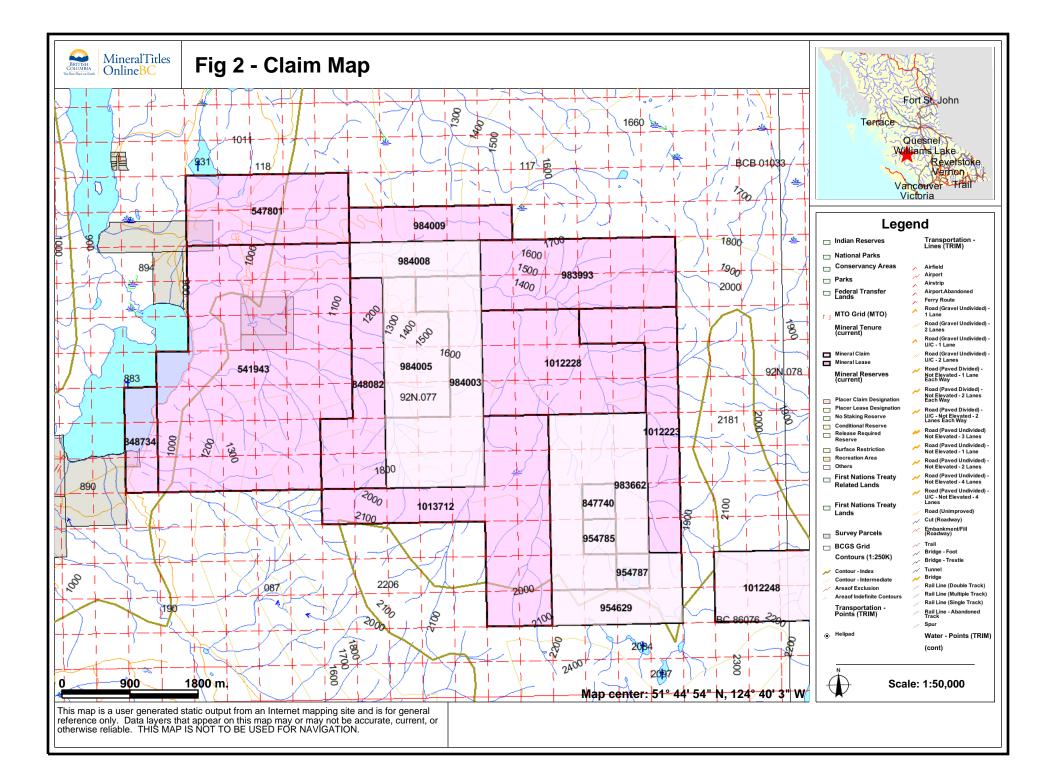
Claims

The Bluff Property comprises nine claims totalling 114 units, covering 2,281.28 hectares. The claims are owned 100% by Susan Elizabeth Rolston.

Claim Name	Tenure Number	Units	Area/ha	Issue Date	Good to Date
Bluff	541943	37	740.39	2006/Sep/25	2012/Oct/05
Bluff112	848734	3	60.04	2011/Mar/12	2013/Mar/12
Bluff11	848082	8	160.10	2011/Mar/04	2013/Mar/04
Horne	547801	10	200.02	2006/Dec/21	2012/Dec/12
Ext	984009	5	100.02	2012/May/05	2013/May/05
Bornite	983993	12	240.10	2012/May/05	2013/May/05
Butt1	1012228	13	260.16	2012/Aug/24	2013/Aug/24
Butt2	1012223	9	180.13	2012/Aug/24	2013/Aug/24
South Butler	1013712	17	340.32	2012/Oct/13	2013/Oct/13

Table 1 - Claim Status





Physiography and Local Infrastructure

The area of sampling is located on and around the northeastern to southern marginal areas of the Rolston Ranch located approximately 1.5 km east of the north end of Bluff Lake, on part of a perched outwash fan from Butler Creek. The work area lies between 900 and 1250 m above sea level on generally northwesterly slope near the base of "Butler Mtn." Above 1000m elevation, the mountain slopes become steep and are locally precipitous.

In the vicinity of the property, approaching Bluff Lake, the mountains of the coast range rise dramatically from the generally rolling terrain of the western Chilcotin Plateau. The small relatively shallow ponds and lakes or long sinuous lakes occupying old river beds and valleys of the plateau give way to larger, deeper lakes within ice scoured valleys within a relatively short distance south, from Bluff Lake the highest peaks (in excess of 4000 m) in the coast range are found, with attendant ice fields, numerous valley Glaciers, and related terrain.

The property receives on average, less than one metre of snow annually and is generally snow free from mid April to mid to late November. With exceptions of the more precipitous and extreme elevations, the property can be worked in all seasons.

The property is extensively covered with glacial overburden consisting of basal and ablation tills and glaciofluvial deposits, except where slopes are steeper, this includes almost all of the more easily accessible portions of the property. The overburden varies in thickness and reaches more than 100m thick. Outcropping bedrock is nonexistent on the lower and gentler slopes.

Vegetation in the area consists of mainly coniferous forest with local patches of deciduous poplar or aspen. Locally, but not in the work area, there has been clear cut logging and corresponding new roads since the 1980's with earlier re-grown cut blocks evident. In recent decades there has been an endemic infestation of the mountain pine beetle that has affected a vast area of central BC including the Bluff Property.

The settlement of Tatla Lake is on highway 20 near the height of land between Tatla Lake of the Fraser-Chilcotin drainage basin and the coastal drainage of the Mosley Creek-Homathko River and Klinaklini River systems, which drains into Bute Inlet.

Tatla Lake offers basic services: fuel, lodging, meals, a general store and post office. There is also a local health nurse and first aid station. Most supplies must come from Williams Lake, about 220 Km to the east. Freight and transportation services along Highway 20 are very good with generally next day delivery of goods from Williams Lake possible.

History and Previous Work

Previous to the 1960's and possibly into the 1940's precious metal veins were discovered on "Butler Mountain". The knowledge that there was precious metal potential on Buffer Mountain is supported by the fact that the Butlers, owners of the cattle ranch on the lower reaches of Butler Creek, had panned small amounts of gold and recovered at least one "pea sized" nugget from Butter Creek. The Butlers seasonally grazed cattle in the alpine meadows and herded their cattle to higher open range on a cow and horse trail that crossed clay altered and gossanous exposures below the Macdonald (Cow trail) veins.

Sometime in the 1960's American Air Force personnel based at Puntzi Lake, became knowledgeable about the precious metal veins on the flank of Butler Mountain and placed claim posts following American federal staking laws. It is doubtful whether these claims were actually recorded in British Columbia.

In 1966, Puntzi Lake Resident, A. McDonald staked the St.Teresa Claims to cover the veins. Sometime after 1966 and for the better part of fifteen years, MacDonald laboured with a small bulldozer to build a pickup truck road to the veins. MacDonald reached the veins about 1982, and died shortly thereafter. The Title to the St.Teresa claim was transferred to his nephew Don Rose.

During the early 1970's, Noranda Exploration Company Limited staked claims in the Butler Lake area after regional sampling indicated anomalous values for copper, moly and gold. Noranda completed geological, geophysical (IP) and geochemical (soil) programs.

In 1983, JW Morton travelled up the MacDonald road and investigated a set of quartz veins exposed in three hand trenches. Imperial Metals subsequently optioned the claims from Don Rose and staked additional claims. Soil grid sampling and bulldozer trenching in 1984 yielded assays up to 2.6-oz/ton gold and 20.5 oz/ton silver from trench rubble. Imperial Metals drilled two holes from 1 set up on the vein structure before cold weather ended the program.

In 1984, Ryan Exploration, a subsidiary of US Borax located a significant metal anomaly on the main channel of Butler Creek and staked the area of Butler Lake and the early Noranda discoveries. The claims lapsed in 1987.

In 1987 Canavex Resources Limited purchased the St Teresa claim from Don Rose and staked the Newmac (an acronym for New MacDonald) claims around them. The property was optioned to Jaqueline Gold Corp. that same year. Subsequent work revealed porphyry style mineralization and alteration in Butler Creek bed.

In 1988 Jaqueline Gold expanded their grid and completed an IP survey preparatory to drilling two diamond drill holes later that year. The second drill hole intersected 157m grading 0.18% copper including 17m grading 0.13%Copper and 340 ppb gold. Jaqueline subsequently returned the property to Canavex.

In 1989, Canavex optioned the property to Noranda (their second involvement with the property). They competed 30km of IP survey, 37 km of ground Mag Survey, analysed 1203 soil samples, 158 rock samples, and completed 435 line miles of helicopter airborne geophysical survey. In 1991 Noranda completed 1939 m of diamond drilling in seven holes before returning the property.

In 1998, the Newmac Property was optioned to Ascot Resources Ltd. Ascot completed an additional 4 holes (875m.) The Ascot program while failing to identify economic mineralization, did establish that the porphyry system was potentially a very large deposit.

In 2004, Newrnac Resources Inc. acquired the claims from Canavex and conducted 17.8km of IP and mag surveys along the Macdonald road ("C" grid) where altered and Pyritic rocks had been noted. In 2006 Newmac completed a total of 6 widely spaced drill holes for a total of 1130.4 m. The widely spaced drilling failed to refine or direct the exploration beyond the knowledge base already at hand.

During 2004 to 2005, while Mincord Exploration Consultants crews were staying with the Rolstons, Mrs. Rolston had shown them rocks and samples she had collected from outcropping rock on and adjacent to their ranch. She was encouraged to do more prospecting and sampling, which eventually resulted in the staking of the Bluff claims. The Bluff Claims contained widespread tourmalinized, fractured and brecciated volcanic rocks with occasional chalky (intrusive?) clasts and common to locally abundant chalcopyrite, pyrite & bornite. The rocks were primarily located near the base of Butler Mtn. East of Bluff Lake. The obvious potential of the Bluff claims became increasingly apparent as Mrs. Rolston did more and more sampling.

An option agreement for the claims was concluded and late in 2006, geophysical surveys totalling 28.2 km of IP & mag were completed by Alan Scot, Geophysicist. The geophysical program delineated several targets to be followed up by diamond drilling. In early 2007, a diamond drilling program was initiated which completed 2389.4 m of NQ coring. Results of that program were inconclusive. Drill core was not systematically sampled and that core which was assayed did not return any significant results. However, un-split core stored on site at the Rolston Ranch shows varying degrees of copper mineralization.

Geology

Regional Setting

The Bluff claims are located along the southwestern margin of the "Tyaughton Trough", a late Jurassic depositional basin that in this area is predominantly filled with Lower Cretaceous volcanic and sedimentary rocks. The Tyaughton Trough in the vicinity of the Bluff Claims is a structural block bounded by two significant breaks:

The Yalakom Fault is a right lateral transcurrent fault striking west northwest with 130 to 190 km of offset and forms the north bounding structure of the basin.

The Tchaikazan Fault is also a right lateral, west-northwest trending transcurrent fault, with an estimated offset of 32 km and forms the southern bounding structure.

A third and essentially parallel fault, The Niut Fault runs through Butler Mountain.

Local Geology

Rock outcropping around the Bluff Property is restricted to the bluffs overlooking Bluff Lake, the slopes of Butter Mountain and to the north, beyond Butler Creek, the upland sides of the valley. The ridge on the western side of the claims overlooking Bluff Lake and backing onto the Rolston Ranch is composed of medium to dark green chloritic andesite , moderately hard, with traces of pyrite, and minor epidote alteration.

As the ridge ascends towards Butler Mountain a hard, medium grey-green andsesite with pale, diffuse white feldspar phenocrysts becomes common. This rock has been described elsewhere as "Homfels". North of Butter Creek, on the valley flanks dark green chloritic andesite is common. It may have quartz and carbonate veining with minor epidote. Higher on the slopes north of Butler Creek and east of Horne Lake, outcropping of the Miocene Chilcotin Basalt is evident.

The prominent hay meadow gently sloping from the ranch to the beaver ponds appears to be underlain by sequences of tills and gravels in excess of 100 m thick.

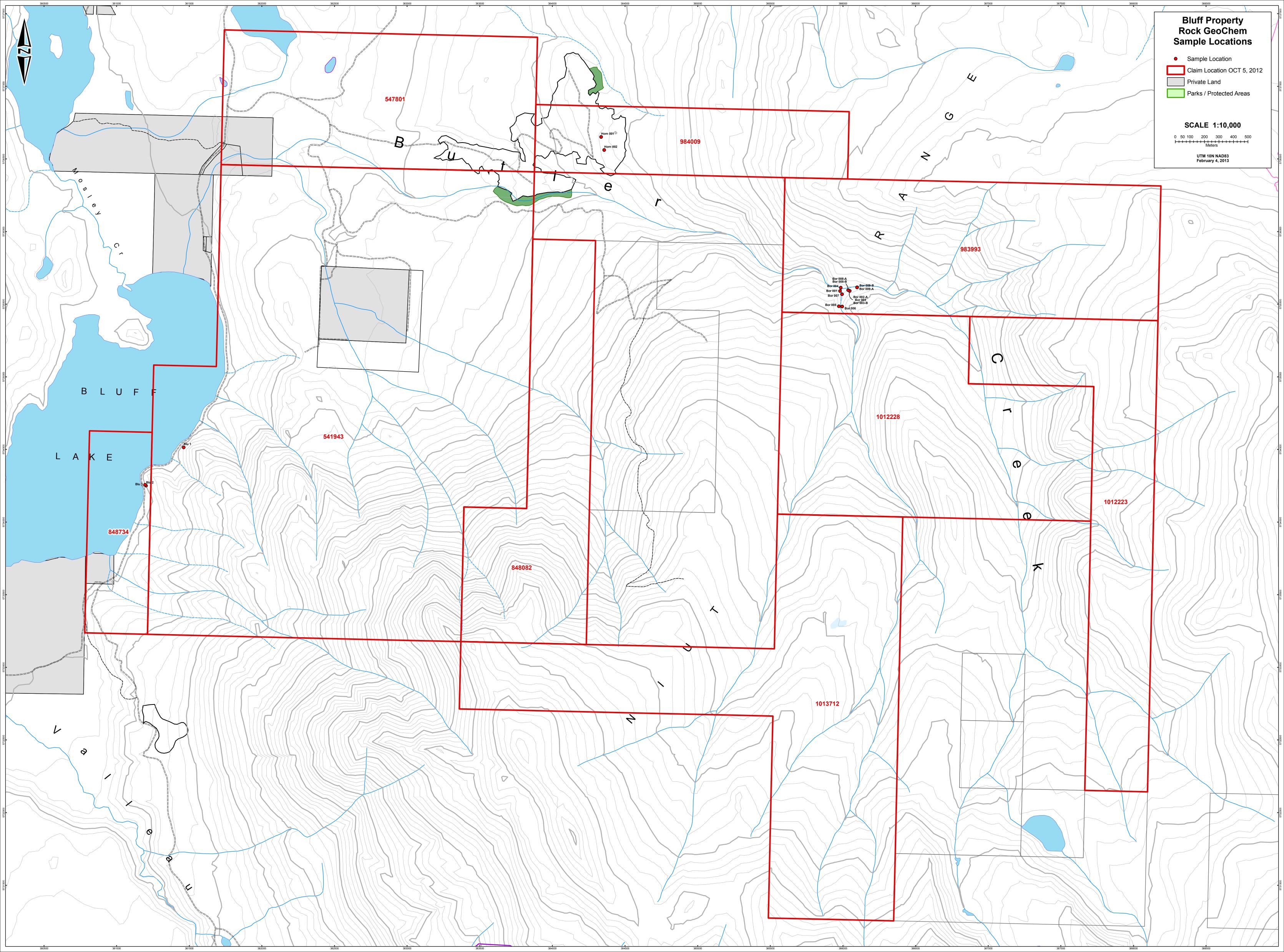
Geochemistry

The 2012 geochemical program consisted of rock sampling, by Susan Rolston and assistant Kendra Symes, on the Bluff, Bluff112, Ext and Bornite claims during the period October 7 to October 26, 2012. Sampling took place on three areas of the Bluff Claim block. To the south on Bluff and Bluff112, three samples, Blu 1 to Blu 3, were taken to confirm known mineralization around the Painted Bluff showing . Two samples, Horn 001 and Horn 002, were taken from the Ext claim to the north to test for possible mineralization near the northern extent of the property. Twelve samples, Bor001 through Bor009B, were taken on the Bornite claim in the area of the Bornite showing. They were taken in an effort to locate the source of mineralized float found at a prospectors cabin located near the confluence of upper Butler creeks.

Sample No.	UTM Zone	UTM E	UTM N	Description
Bor 001	10 U	385981	5735590	rusty outcrop. Quartz vnlts in silicified qz-diorite. 1-2% f.g. dissem py
Bor 002-A	10 U	386047	5735591	O/C. 090/40S Qz stockwork in f.g. andesite tuff(?), 2-3% f.g. dissem py. north side of cr
Bor 003-B	10 U	386047	5735591	O/C. 090/40S Qz stockwork in f.g. andesite tuff(?).2-3% f.g py on fractures. South side of cr
Bor 003	10 U	386047	5735591	O/C. 090/40S Qz stockwork in f.g. andesite tuff(?). South side of cr
Bor 004	10 U	385986	5735614	float from root turn up. Qz flooded andesite with 1% m.g. dissem py
Bor 005	10 U	385972	5735485	O/C. 150/20SW shear in m.gc.g. hornblende porphyry. Silicified. Trace f.g. py. West side cr
Bor 006	10 U	385995	5735483	O/C. 150/20SW shear in m.gc.g. hornblende porphyry. Silicified. Trace f.g. py. east side cr
Bor 007	10 U	385994	5735568	O/C. 120/90 20m wide shear zone. Silicified qz-diorite. 2% f.g. dissem py. 1-2% fg dissem cpy
Bor 008-A	10 U	386037	5735596	O/C. silicified andesite tuff with qz stringers. 3-5% fg dissem py
Bor 008-B	10 U	386037	5735596	O/C. 3-5mm qz vnlt in silicified qz-diorite with trace to 2% fg dissem py. St hem on fracture
Bor 009-A	10 U	386098	5735615	O/C. 098/20 irregular qz veinlets in andesite tuff. 2-3% fg dissem py
Bor 009-B	10 U	386098	5735615	O/C. 098/20 irregular qz veinlets in andesite tuff. 1-2% fg dissem py
Horn 001	10 U	384336	5736651	O/C. mg andesite crystal tuff. minor qz stringers. Mod ep/chl. Tr-1% fg dissem py
Horn 002	10 U	384357	5736561	O/C. mg andesite crystal tuff. Mod ep/chl. Tr-1% fg dissem py
Blu 1	10 U	381462	5734514	O/C. fg andesite tuff. 4-6% fg-mg py as dissem and fracture fillings. Tr-1% cpy
Blu 2	10 U	381203	5734250	float. Blast rock from above road. Fg andesite tuff. 1-2% fg-mg dissem py, tr-1% fg cpy
Blu 3	10 U	381196	5734256	float as above. fg andesite tuff. 1-2% fg-mg dissem py, tr-1% fg cpy, 1% malachite on fracture.
Abbreviations:	fg - fine grair	ned, mg - m	edium grai	ned, cg - coarse grained, py - pyrite, cpy - chalcopyrite, hem - hematite, ep - epidote,
	chl - chlorite	, mod - mo	derate, st -	strong, qz - quartz, vnlt - veinlet, dissem - disseminated, cr - creek

Table 2 - Rock Descriptions

Samples consisted of approximately 1.2 to 2.0kg of rock taken from outcrop or float in areas of particular interest. Samples were then described, numbered and bagged into standard poly ore bags and transported to camp. Samples were batched then transported by truck to a bonded cartage company in Williams Lake, which transported them to ALS Laboratories in Kamloops BC. Analyses were performed for 35 elements using industry standard ICP- Spectroscopy techniques, plus fire assay with atomic absorption finish for gold. Analytical descriptions are attached in Appendix 1.



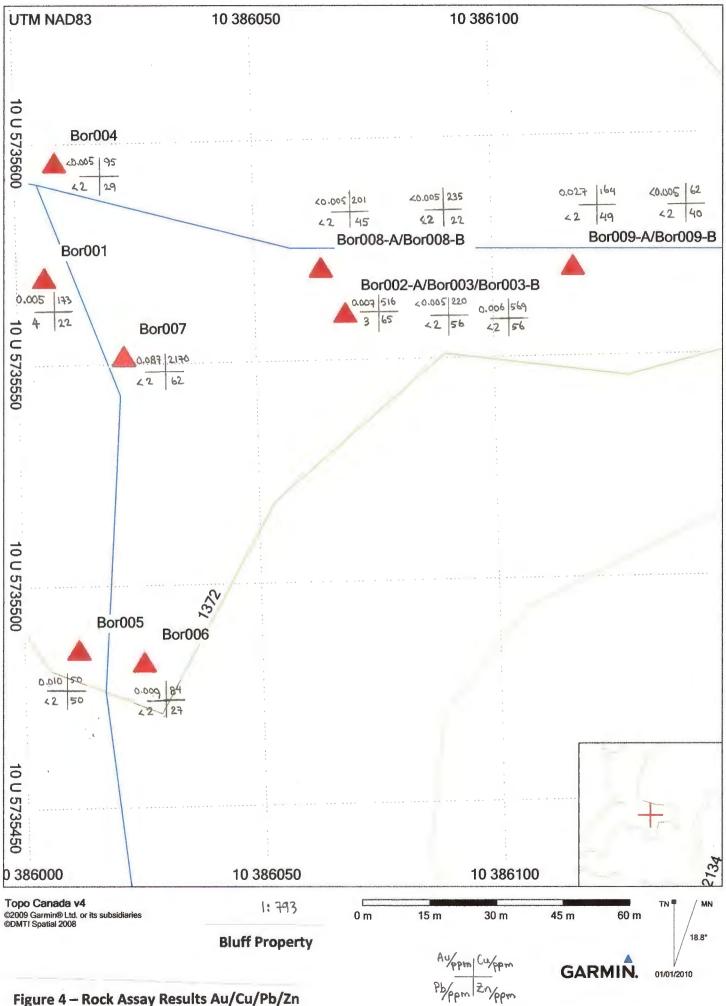
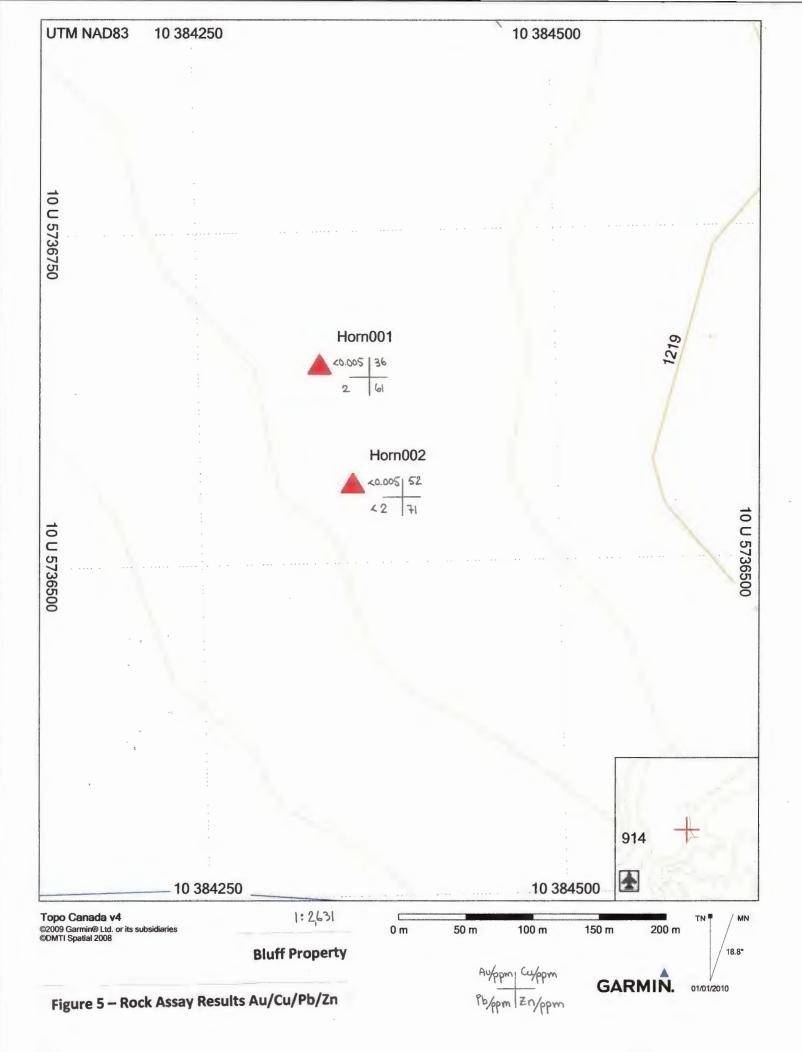
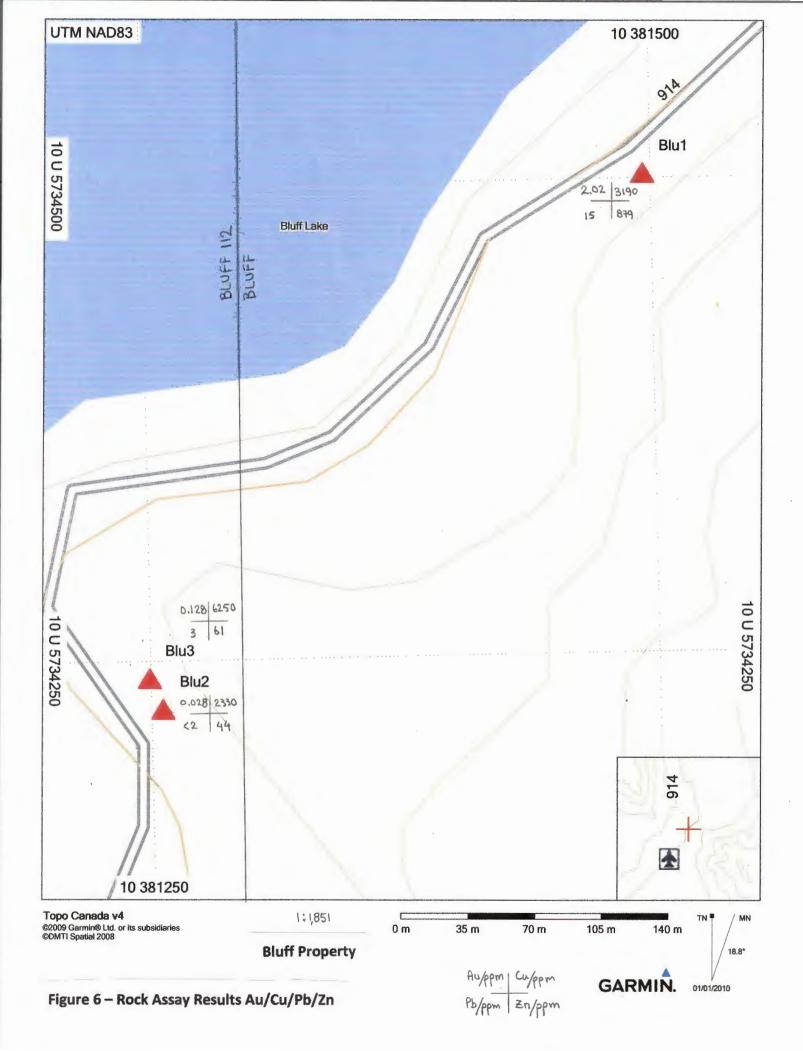


Figure 4 – Rock Assay Results Au/Cu/Pb/Zn





Discussion and Interpretation

Exploration and sampling was focused on three areas within the Bluff Claim block. In the south, adjacent to Bluff Lake, samples Blu1, Blu2 and Blu3 returned copper values of 3190ppm, 2330ppm and 6250ppm respectively. Sample Blu1 also ran 2.02g/t Au, 2260ppm As and 889ppm Zn. Several samples in this area have returned significant values in gold , copper and molybdenum. It is recommended that the un-split core from DDH07-08, cored during the 2007 drill program, be split and processed for assay. Also prospecting and sampling should continue along the flanks of Butler Mountain to determine if there is additional mineralization in the vicinity.

Samples Horn 001 and Horn 002 were taken near the northern boundary of the claim block on the Ext claim. The samples did not return any significant assays. No further work in this area is recommended.

Eight of twelve samples taken in the area of the Bornite showing were anomalous in copper: Bor001/173ppm Cu, Bor002-A/516ppm Cu, Bor003/220ppm Cu, Bor003-B/569ppm Cu, Bor008-A/ 201ppm Cu, bor008-B/235 and Bor009-A/164 with sample Bor007 returning assays of 2170ppm Cu, 0.087ppm Au and 3.5ppm Ag. Bor007 was taken from a broad, 20 metre, shear zone that crosses the west branch of upper Butler Creek. It is recommended that prospecting and sampling continue in the area in an effort to determine the source of the Bornite showing high grade float found at the prospector's cabin located near the confluence of upper Butler Creeks. An extension of the 2004 geophysical grid to cover the east branch of upper Butler Creek is also recommended.

The Bluff Property holds potential for mineralization similar to the Fish Lake Cu/Au deposit located some 70km to the East; The Skinner Mountain lode Ag/Au veins, 18km east and the Blackhorn Mountain lode Au/Ag veins 20km to the south.

Statement of Costs

Wages						
Prospector/sampler	3	days	@	\$400.00	/day	\$1,200.00
Assistant	2	days	@	\$250.00	/day	\$500.00
Report writing	1.5	days	@	\$600.00	/day	\$900.00
Rentals						
ATV	3	days	@	\$450.00	/day	\$1,350.00
Truck	510	km	@	\$0.55	/km	\$280.50
Fuel	178		@	\$1.07	/I	\$190.46
Camp	5	days	@	\$60.00	/day	\$300.00
Shipping						\$88.84
Assays						\$745.20
					Total	\$5 <i>,</i> 555.00

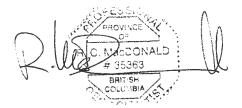
Table 3 - Statement of Costs

Statements of Qualifications

I, Roger C. MacDonald P.Geo, do hereby certify that,

- 1.) I currently reside at 8191 River Road, Richmond, BC, Canada, V6X 1X8 and I am self employed as a consulting geologist.
- 2.) This certificate applies to the Assessment Report on the Bluff Property dated February 23, 2013.
- 3.) I graduated with a Bachelors Degree of Science (Department of Geology) from the University of British Columbia in 1988. I have worked twenty years as a geologist, throughout the BC/Yukon Cordillera, NWT/Nunavut, the Guiana Shield, SA and the Canadian Shield in Ontario since my graduation. I am a member in good standing with the Association of Professional Engineers and Geoscientists of BC and the Association of Professional Geoscientists of Ontario.
- 4.) I have been involved in various exploration programs on the Bluff Property and adjacent claims from 2004 through 2012.

Sealed and Signed at Vancouver, British Columbia, on March 14, 2013



Roger C. MacDonald, P.Geo.

- I, Susan E Rolston, do hereby certify that
 - 1.) I currently reside at 6705 Bluff Lake Road, Tatla Lake, BC, V0L 1V0.
 - 2.) I have been working as a prospector and sampler for 7 years, primarily on my own mineral tenures.
 - 3.) I have worked for several companies in the mining and mineral exploration industry since 2005 as a prospector, sampler, core splitter, OHS Level 3 First Aid Attendant, cook and camp manager.
 - 4.) I completed the online "Mine 1003" course on Mining and Prospecting through the British Columbia Institute of Technology.
 - 5.) I am 100% Owner of Tchaikazan Resources Inc, a private exploration company.
 - 6.) I performed and supervised the work described in this report.

Signed at Tatla Lake, British Columbia, March 19, 2013.

Suson E habt

Susan E. Rolston

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Appendix I – Assay Certificates



FIRE ASSAY PROCEDURE

Au-AA23 & Au-AA24

FIRE ASSAY FUSION, AAS FINISH

SAMPLE DECOMPOSITION

Fire Assay Fusion (FA-FUS01 & FA-FUS02)

ANALYTICAL METHOD

Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven, 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

METHOD CODE	ELEMENT	SYMBOL	UNITS	SAMPLE WEIGHT (G)		UPPER LIMIT	DEFAULT OVERLIMIT METHOD
Au-AA23	Gold	Au	ppm	30	0.005	10.0	Au-GRA21
Au-AA24	Gold	Au	ppm	50	0.005	10.0	Au-GRA21



GEOCHEMICAL PROCEDURE

ME-ICP41

TRACE LEVEL METHODS USING CONVENTIONAL ICP-AES ANALYSIS

SAMPLE DECOMPOSITION

Nitric Aqua Regia Digestion (GEO-AR01)

ANALYTICAL METHOD

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

A prepared sample is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 mL with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.

NOTE: In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.

ELEMENT	SYMBOL	UNITS	LOWER LIMIT	UPPER LIMIT	DEFAULT OVER- LIMIT METHOD
Silver	Ag	ppm	0.2	100	Ag-OG46
Alumininm	Al	0/0	0.01	25	
Arsenic	As	ppm	2	10,000	
Boron	В	ppm	10	10,000	
Barium	Ва	ppm	10	10,000	
Beryllium	Be	ppm	0.5	1,000	
Bismuth	Bi	ppm	2	10,000	
Calcium	Са	%	0.01	25	
Cadmium	Cd	ppm	0.5	1,000	
Cobalt	Со	ppm	1	10,000	
Chromium	Cr	ppm	1	10,000	
Соррег	Cu	ppm	1	10,000	Cu-0G46
Iron	Fe	%	0.01	50	
Gallium	Ga	ppm	10	10,000	
Mercurgy	Hg	ppm	1	10,000	
Potassium	К	%	0.01	10	
Lanthanum	La	ppm	10	10,000	



ME-ICP41

ELEMENT	SYMBOL	UNITS	LOWER LIMIT	UPPER LIMIT	DEFAULT OVER- LIMIT METHOD
Magnesium	Mg	%	0.01	25	
Manganese	Mn	ppm	5	50,000	
Molybdenum	Мо	ppm	1	10,000	
Sodium	Na	%	0.01	10	
Nickel	Ni	ppm	1	1,000	
Phosphorus	Р	ppm	10	1,000	
Lead	Pb	ppm	2	1,000	Pb-0G46
Sulfur	S	%	0.01	10	
Antimony	Sb	ppm	2	1,000	
Scandium	Sc	ppm	1	1,000	
Strontium	Sr	ppm	1	1,000	
Thorium	Th	ppm	20	1,000	
Titanium	Ti	%	0.01	10	
Thallium	TI	ppm	10	1,000	
Uranium	U	ppm	10	1,000	
Vanadium	V	ppm	1	1,000	
Tungsten	W	ppm	10	1,000	
Zinc	Zn	ppm	2	1,000	Zn-0G46

ELEMENTS LISTED BELOW ARE AVAILABLE UPON REQUEST

ELEMENT	SYMBOL	UNITS	LOWER LIMIT	UPPER LIMIT	DEFAULT OVER- LIMIT METHOD
Cerium	Се	ppm	10	10,000	
Hafnium	Hf	ppm	10	10,000	
Indium	In	ppm	10	10,000	
Lithium	Li	ppm	10	10,000	
Niobium	Nb	ppm	10	10,000	
Rubidium	Rb	ppm	10	10,000	
Selenium	Se	ppm	10	10,000	
Silicon	Si	ppm	10	10,000	
Tin	Sn	ppm	10	10,000	
Tantalum	Та	ppm	10	10,000	
Tellurium	Те	ppm	10	10,000	
Yttrium	Y	ppm	10	10,000	
Zirconium	Zr	ppm	5	10,000	



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Page: 1 Finalized Date: 14- NOV- 2012 Account: TCHRES

CERTIFICATE KL12257602

Project: Bluff P.O. No.: This report is for 17 Rock samples submitted to our lab in Kamloops, BC, Canada on 30- OCT- 2012. The following have access to data associated with this certificate: SUSAN ROLSTON

The following have access	to data associated with this	certifica
TCHAIKAZAN RESOURCES INC.	ROGER MACDONALD	5

	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	
CRU-QC	Crushing QC Test	
PUL- QC	Pulverizing QC Test	

	ANALYTICAL PROCEDUR	ES
ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30g FA- AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
Hg-CV41	Trace Hg - cold vapor/AAS	FIMS

To: TCHAIKAZAN RESOURCES INC. ATTN: ROGER MACDONALD BOX 32 TATLA LAKE BC VOL 1V0

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



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Project: Bluff

CERTIFICATE OF ANALYSIS KL12257602

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au- AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME- ICP41 Al % 0.01	ME- ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME- ICP41 Bl ppm 2	ME- ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME- 1CP41 Fe % 0.01
Bor 001 Bor 002- A Bor 003- B Bor 003 Bor 004		1.22 1.80 1.83 1.89 1.36	0.005 0.007 0.006 <0.005 <0.005	<0.2 0.4 0.3 <0.2 <0.2	3.09 3.40 4.16 3.74 1.42	9 5 <2 14 6	10 10 <10 <10 <10	10 10 20 20 20	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 2 <2 <2 <2	2.66 2.03 1.80 2.61 1.23	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	6 43 50 37 3	18 289 334 262 3	173 516 569 220 95	3.14 7.31 8.25 5.14 2.43
Bor 005 Bor 006 Bor 007 Bor 008- A Bor 008- B		1.41 1.01 1.49 1.34 1.36	0.010 0.009 0.067 <0.005 <0.005	<0.2 <0.2 3.5 <0.2 <0.2	2.75 2.14 3.41 3.17 3.73	36 <2 79 <2 4	10 10 10 10 10	50 20 30 10 <10	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2 <2 <2	3.62 1.52 1.24 1.72 4.34	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	16 11 19 33 28	16 18 34 187 42	50 84 2170 201 235	4.73 3.29 6.44 6.20 2.89
Bor 009- A Bor 009- B Horn 001 Horn 002 Blu 1		1.75 1.10 1.26 1.33 1.90	0.027 <0.005 <0.005 <0.005 2.02	<0.2 <0.2 <0.2 <0.2 <0.2 12.9	3.96 3.22 2.37 2.35 4.55	20 16 5 40 2260	10 <10 10 <10 <10	10 10 40 40 10	<0.5 <0.5 <0.5 <0.5 <0.5 <0.5	<2 <2 <2 <2 <2 <2 <2	2.88 2.46 0.94 0.98 1.86	<0.5 <0.5 <0.5 <0.5 10.2	38 33 16 19 42	232 186 35 13 46	164 62 36 52 3190	6.14 5.25 3.45 3.60 9.02
Błu 2 Blu 3		1.56 1.60	0.028 0.128	0.7 2.7	4.10 4.82	9 18	<10 <10	10 20	<0.5 <0.5	<2 <2	2.56 3.29	<0.5 <0.5	22 29	16 14	2330 6250	3.84 3.85



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Project: Bluff

CERTIFICATE OF ANALYSIS KL12257602

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	Hg- CV41 Hg ppm 0.01	ME-1CP41 K % 0.01	ME- ICP41 La ppm 10	ME- ICP41 Mg % 0.01	ME-1CP41 Mn ppm 5	ME- ICP4 1 Mo ppm 1	ME-1CP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME- ICP41 P ppm 10	ME-ICP41 Pib ppm 2	ME- 1CP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP4) Sc ppm 1	ME- ICP41 Sr ppm 1
Bor 001 Bor 002- A Bor 003- B Bor 003 Bor 004		10 10 10 10 10	0.04 0.04 0.04 0.04 0.11	0.04 0.05 0.12 0.11 0.16	<10 <10 <10 <10 <10	1.10 2.42 2.29 1.89 1.33	441 778 687 609 259	3 <1 <1 3 <1	0.04 0.08 0.27 0.29 0.04	3 132 173 115 1	500 420 450 490 650	4 3 <2 <2 <2	0.61 3.12 3.89 1.57 1.10	<2 <2 6 <2 2	7 18 14 12 5	6 17 50 56 9
Bor 005 Bor 006 Bor 007 Bor 008- A Bor 008- B		10 10 10 10 10	0.03 0.03 0.08 0.03 0.04	0.18 0.10 0.15 0.08 0.02	<10 <10 <10 <10 <10 <10	1.67 0.95 1.80 2.03 0.73	794 432 646 703 312	<1 15 <1 <1 <1 <1	0.12 0.12 0.04 0.14 0.02	9 7 9 71 68	540 510 580 380 250	<2 <2 <2 <2 <2 <2	0.74 1.15 0.69 1.50 1.01	<2 <2 2 <2 <2 <2	13 6 13 10 4	76 24 17 23 6
Bor 009- A Bor 009- B Horn 001 Horn 002 Blu 1		10 10 10 10 10	0.16 0.06 0.08 0.15 1.16	0.03 0.05 0.11 0.12 0.05	<10 <10 <10 <10 <10	2.40 1.54 1.62 2.08 2.57	729 488 625 795 1360	<1 1 <1 <1 <1	0.07 0.22 0.09 0.06 <0.01	74 56 10 8 32	420 400 450 470 350	<2 <2 2 <2 15	1.67 0.92 0.49 0.20 1.69	2 <2 <2 <2 <2 2	19 9 7 5 7	12 33 20 25 20
Blu 2 Blu 3		10 10	0.04	0.07	<10 <10	1.45 1.21	395 336	<1	0.25 0.30	13 19	390 450	<2 3	0.22 0.19	<2 <2	5	68 102



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Project: Bluff

Inniela									CERTIFICATE OF ANALYSIS KL12257602	
Sample Description	Method Analyte Units LOR	ME- ICP41 Th ppm 20	ME- ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME- ICP41 V ppm 1	ME-1CP41 W ppm 10	ME-ICP41 Zn ppm 2		
Bor 001 Bor 002- A Bor 003- B Bor 003 Bor 003 Bor 004		<20 <20 <20 <20 <20 <20	0.12 0.33 0.31 0.27 <0.01	<10 <10 <10 <10 <10 <10	<10 <10 <10 <10 <10 <10	71 164 149 123 11	<10 <10 <10 <10 <10 <10	22 65 56 56 29		
Bor 005 Bor 006 Bor 007 Bor 008- A Bor 008- B		<20 <20 <20 <20 <20	0.13 0.15 0.17 0.30 0.11	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10 <10	92 70 104 145 42	<10 <10 <10 <10 <10	50 27 62 45 22		
Bor 009- A Bor 009- B Horn 001 Horn 002 Blu 1		<20 <20 <20 <20 <20 <20	0.32 0.23 0.22 0.24 0.07	<10 <10 <10 <10 <10	<10 <10 <10 <10 <10	177 147 113 64 84	<10 <10 <10 <10 <10 <10	49 40 61 71 879		
Blu 2 Blu 3		<20 <20	0.17 0.18	<10 <10	<10 <10	86 94	<10 <10	44 61		