GM 67658

2013 exploration report, CM 292, Beattie property

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CLIFTON STAR Resources inc.

GM 67658

2013 Exploration Report
Beattie Property (CM 292)
Duparquet, Quebec
NTS 22A, 22H

Project #4200

Prepared by Louis Martin

Prepared for
The government of Quebec
Date: March 31, 2013

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Table 1. Drill Collars Location

3.0 SUMMARY

The Duparquet Project, which includes the Beattie and Donchester properties, is located adjacent to the municipality of Duparquet, Québec.

Between January 08th and 11th, 2013, Clifton Star drilled one (1) hole totaling 306 meters on the Beattie Property. This report documents the methodology and results of the 2013 surface diamond drill hole completed on the Beattie property. The drilling program tested for the extension of the known gold mineralization associated with a syenite intrusion.

The Duparquet Project lies within the Archean Superior Province, which forms the core of the North American continent. The project is located within the Abitibi terrane, which hosts some of the richest mineral deposits of the Superior Province, including the large gold camps of Ontario and Québec.

The Duparquet Project area is characterized by the presence of two (2) syenitic intrusions oriented in an east-west direction. These syenitic intrusions are bounded by E-W trending major faults, which are interpreted as splays of the main SE-trending Destor-Porcupine-Manneville Fault Zone. The main type of gold mineralization in the Duparquet deposit generally occurs within shears or fracture zones along or within the adjacent syenite intrusion, and is associated with finely disseminated pyrite and minor arsenopyrite replacement.

The 2013 diamond drill program tested targets on the Beattie Property, close to the known gold mineralization associated with the syenite.

The gold mineralization observed in core is associated with the syenite intrusion and larger, east-west trending shear structures. The mineralized structures can be traced for several hundred metres along strike and is open at depth. The most continuous structures are the North Zone and the South Zone. Additional secondary gold bearing structures are also be present within the syenite intrusion, locally at an angle to the main shear zones.

More diamond drilling will be required to delineate the exact size of this gold deposit and its various lenses within this mineralized envelope.

4.0 INTRODUCTION AND TERMS OF REFERENCE

This technical report was prepared for the purpose of documenting the 2013 work necessary to keep the mining concession in good standing with the Quebec government. The preparation of this report was under the supervision of Louis Martin, P.Geo. who visited the property on numerous occasions. These visits did allow the author to review the drill core, the logging and sampling methods, quality control methods and the drill hole locations.

Between January 08th and 11th, 2013, Clifton Star drilled one (1) hole totaling 306.0 meters on the Beattie Property. This report documents the methodology and results of the 2013 surface diamond drill hole completed on the Beattie property. The drilling program tested for the extension of the known gold mineralization associated with a syenite intrusion.

This report also presents a review of the history, geology, sample preparation and analysis and provides recommendations for future work.

5.0 DISCLAIMER

Historical work appears to be of good quality, and is accepted as useful information for establishing a database of project background information for this study. The author has referred to and quoted historical reports generated by Clifton Star personnel and consultants hired to work on the project.

6.0 PROPERTY LOCATION AND DESCRIPTION

The Beattie Property, part of the larger Duparquet Project, is located just north of the town of Duparquet, in the Duparquet Township of Québec, NTS map sheet 32D/11. The coordinates for the approximate centre of the project are 48º30'34"N, 79º12'34"W (UTM projection: 5374410N, 631517E, NAD 83 Zone 17). Figure 1 is a location map of the Duparquet Project in the province of Québec.

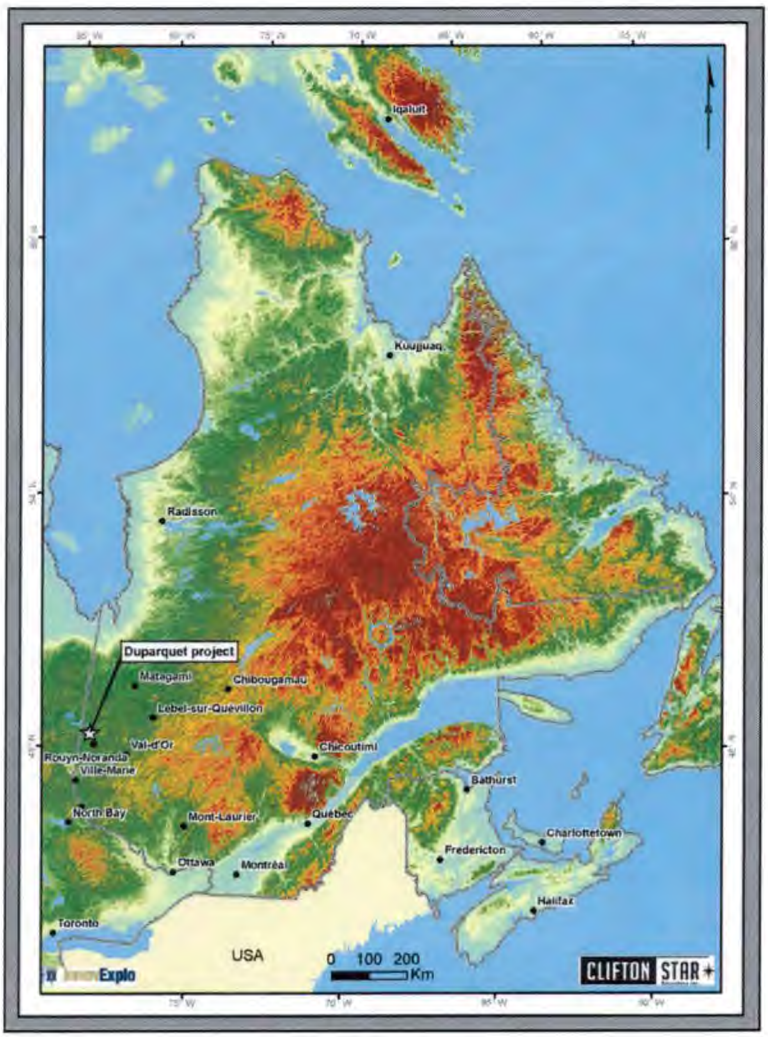

Figure 1 – Location map for the Duparquet property.

The Duparquet Project covers an area of 1033.6 ha: the Beattie property (CM 292) accounts for approximately 383.6 ha; the Donchester property (CM 384) covers about 322.6 ha; and the Central Duparquet property and Dumico claims account for the remaining 293.4 ha and 34 ha respectively (Figure 2). Both the Beattie (CM292) and Donchester (CM384) properties contain past-producing mines. The Duparquet Project is defined in this report as the Beattie, Donchester, Central Duparquet and Dumico properties.

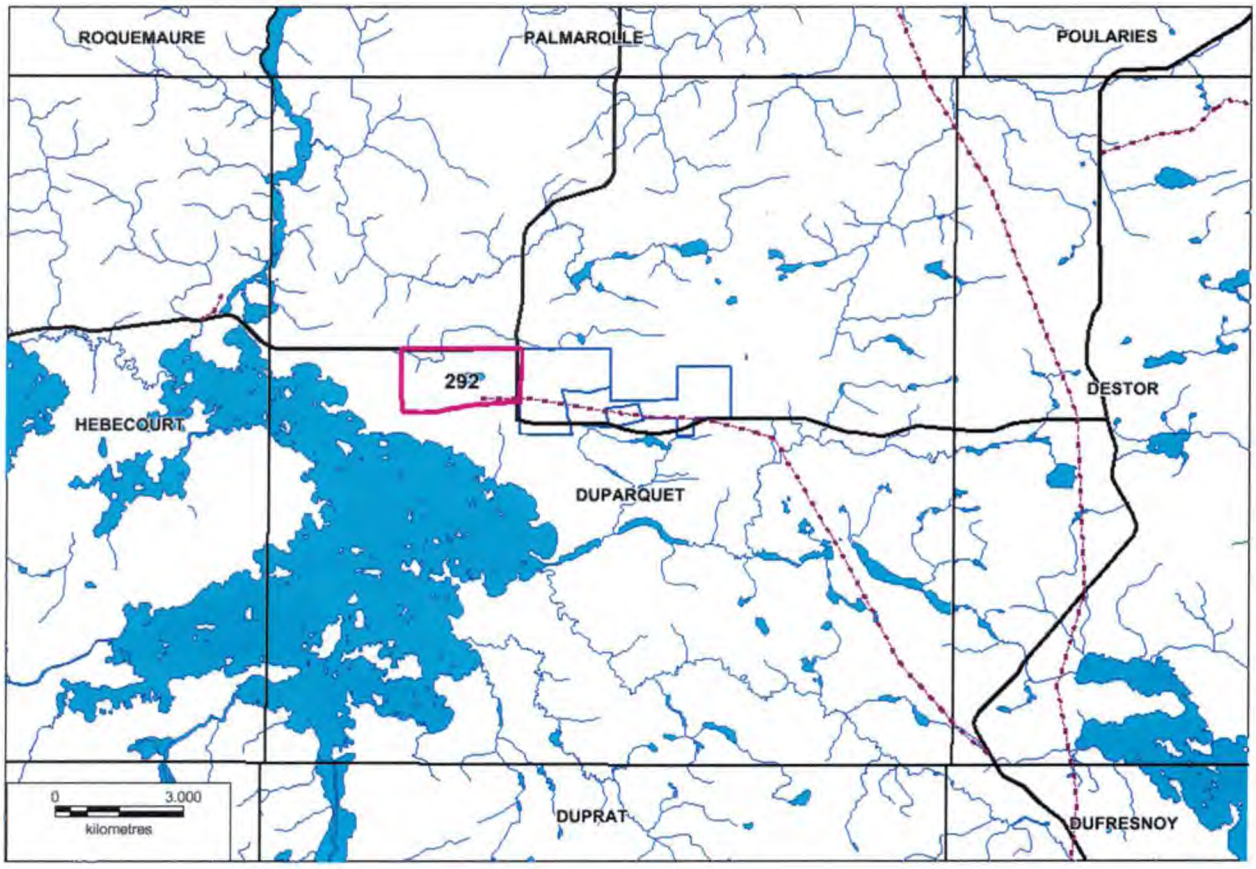

Figure 2. Claims

7.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Beattie Property is located just north of the town of Duparquet. The town of Duparquet is accessible by two-lane all-season paved highways from the cities of Rouyn-Noranda (53 km to the south; Hwy 393 and Hwy 101) and La Sarre (about 33 km to the north; Hwy 393). Access on the property from the town of Duparquet is by gravel road.

The climate is continental with cold dry winters and warm summers. Winter temperatures average -17°C with lows down to -40°C in January, whereas summer temperatures average 17°C with highs up 35°C in July. Annual precipitation is around 900 mm; snow falls from mid-November to mid-April.

The city of Rouyn-Noranda, 53 km to the south and easily accessible via highways 393 and 101, is the nearest major city with a specialized workforce and facilities for obtaining mining/exploration repairs and supplies. The town of Duparquet currently has a population of about 675 residents. Power is available at the Beattie mine site. Water is available from the town's supply or from surface water on the property.

Most of the mine buildings have been demolished and the shafts capped and allowed to naturally flood. The existing glory hole is also flooded. The only remaining buildings are on the Beattie mine site: the roaster building, smoke stack and water tower.

The Beattie property is located in moderately rolling terrain just south of a flat belt of glacial till deposits and farmland. Outcrop density generally varies from 20% to 50%, but up to 80% in specific areas. The area is covered with an immature to semi-mature forest of poplar with some birch, balsam, spruce and jack pine interspersed on well-drained higher ground. The properties are also characterized by a very dense and thick undergrowth of mainly tag alders, scrub maple and willow. The overburden consists of sandy soil or till, with occasional portions of gravel.

8.0 HISTORY

Gold was first discovered in Duparquet in 1910 by John Beattie. The first claims, that include Mining Concession 292 of the Beattie property, were staked in 1923 (Bevan 2009, 2011).

In 1930 John Beattie discovered the Main (or North) orebody and options the property to Ventures Limited and Nipissing Mining Company Ltd. The North orebody is drilled and a two-compartment shaft is sunk to 67 metres. During the sinking of the shaft, another orebody is discovered, called the "A" ore zone.

In 1932 the operator of the Beattie mine, Beattie Gold Mines Limited, is formed. A six-compartment shaft is sunk to a depth of 442 metres and nine (9) levels are established at 46-metre intervals. A cyanidation plant is installed in 1935 and, due to the sulphide content in the ore, a roaster is added in 1937 to improve recoveries. Initially, the production rate is 800 tons per day, gradually building up to 1.500 tons per day in 1935 to a maximum of 1,900 tons per day.

A cave-in at the Beattie mine in 1943, caused by failure of the main crown pillars results in an inrush of about one million cubic yards of clay, sand and broken rock into the mine workings. Rehabilitation work starts immediately and continues until 1950.

Mining operations continue on the Beattie property until 1956 when, after 23 years of almost continuous production, the mine closes. During its lifetime, the Beattie mill treated 10,614,421 tons with an average grade of 0.126 oz/t Au. Of this total, 1,350,000 tons grading 0.14 oz/t Au were produced from the Donchester section.

Except for a small surface exploration program in 1966, the Beattie property remains dormant from 1956 to 1987. The 1966 program consisted of line cutting, an electro-magnetic survey and two (2) diamond drill holes totalling 259 metres.

Between 1988 and 2007 Beattie Gold Mines carried out sixty-nine (69) drill holes for a total of 8,717 metres on both the Beattie and Donchester properties.

Clifton Star optioned the Duparquet Project from Beattie Gold Mines in 2008. Between 2008 and 2012 Clifton Star, along with Osisko Mining Corporation (2010) completed 756 drill holes for a total of 153,574 metres.

9.0 GEOLOGICAL SETTING

The Duparquet Property lies within the Archean Superior Province, which forms the core of the North American continent and is surrounded by provinces of Paleoproterozoic age to the west, north and east, and the Grenville Province of Mesoproterozoic age to the southeast (Percival 2007).

The Duparquet Property is located within the Abitibi terrane, which hosts some of the richest mineral deposits of the Superior Province, including the large gold camps of Ontario and Québec (Figure 3) (Poulsen 1996, 2000).

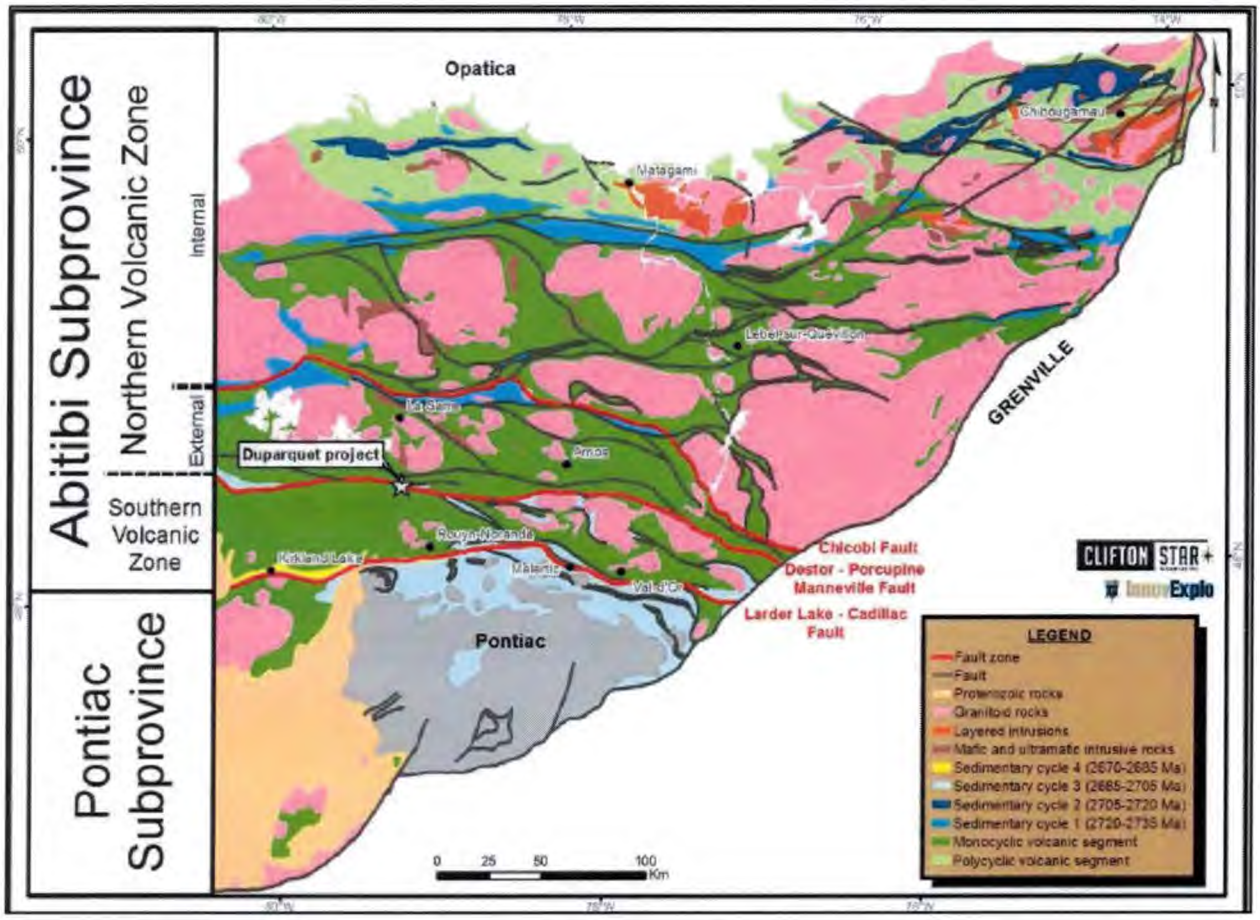

Figure 3. Regional Geology

The local geological setting and property geology is represented by the Kinojevis, Timiskaming, and Blake River groups. The property straddles syenitic plutons and the Kinojevis, Duparquet and Mont-Brun formations (Daigneault 2004). The Duparquet Project area is characterized by the presence of two (2) syenitic plutons oriented east-west. These syenitic intrusions are bounded by E-W trending major faults, which are interpreted as splays of the main SE-trending Destor-Porcupine-Manneville Fault Zone, which clips the southwest corner of the property (Figure 4). The main type of gold mineralization in the Duparquet deposit generally occurs within shears or fracture zones along or within the adjacent intrusive syenitic masses, and is associated with finely disseminated pyrite and minor arsenopyrite replacement.

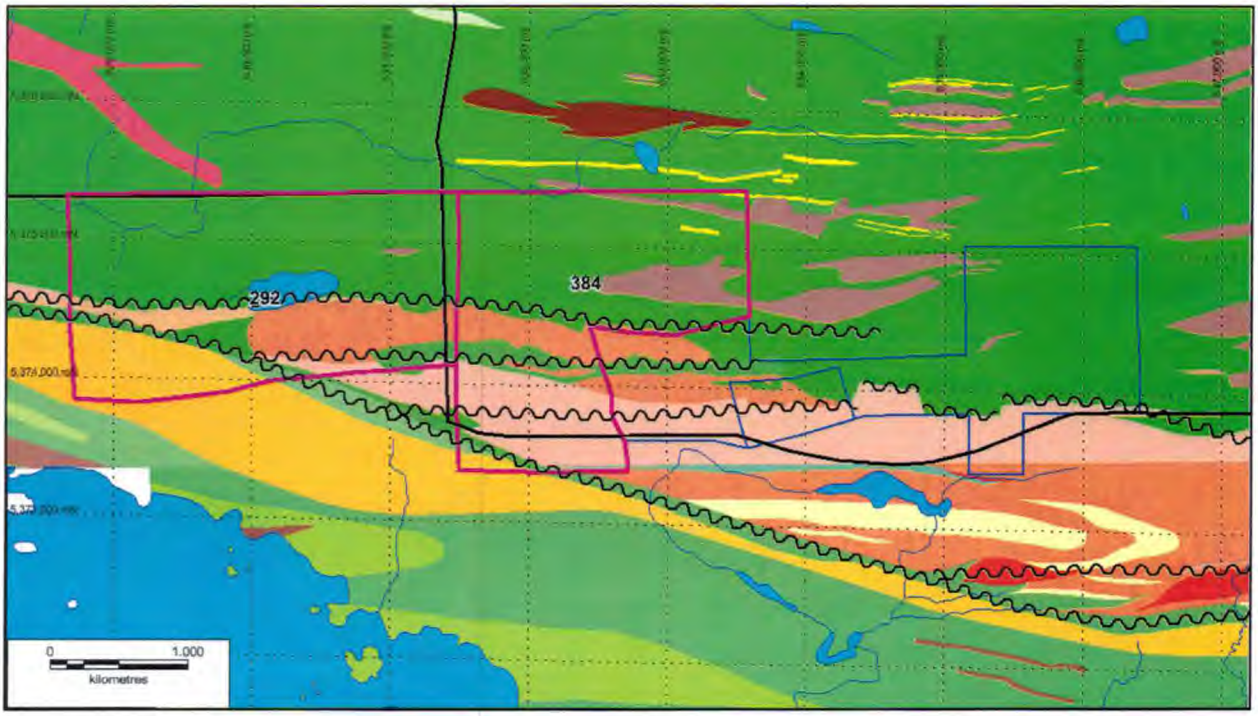

Figure 4. Property Geology

10.0 DEPOSIT TYPES

In the Duparquet area, the past-producing gold mines (Beattie and Donchester) are north of the major lithotectonic boundary defined by the Destor-Porcupine-Manneville Fault Zone, within the Duparquet Formation and along subsidiary faults. The main gold mineralization is associated with a network of east-west dextral strike-slip faults dipping steeply to the north. Syenitic intrusions indirectly control the location of gold deposits by their effect on the development of potentially mineralized structures during diapirism. The actual structures hosting the gold mineralization are shear zones. Gold deposits in the Duparquet area are genetically related to these intrusive rocks. Gold deposits in the Duparquet area tend to occur close to the syenite-sedimentary and/or volcanic rock contacts. This is attributed to the competency contrasts between the syenitic rocks and the Duparquet Formation lithologies during deformation, resulting in favorable structural traps for gold mineralization.

11.0 MINERALIZATION

Ore within these deposits are sulphide-bearing and commonly schistose rocks in which the proportions of sulphides and the nature of the silicate hosts differ from orebody to orebody and from deposit to deposit. The ore is composed mainly of pyrite, pyrrhotite, arsenopyrite, chalcopyrite, sphalerite and galena. With few exceptions, deposits have low base metal contents (less than one percent (1%) combined metal), and gold contents exceed those for silver. Arsenopyrite is a common constituent. In the Duparquet area, the main sulphide is pyrite (<4%) accompanied by trace arsenopyrite.

12.0 DIAMOND DRILLING

Clifton Star is reporting the results of one (1) hole totaling 306 meters in length drilled on the Beattie Property between January 08th and 11th, 2013. The drill hole log, which includes the geological descriptions, survey data and analytical results, is attached in the back of this report in Appendix 1. Sectional representation of the drill hole data, with lithology and assay data are included in Appendix 2. The drill hole collar location is listed in Table 1 as well as illustrated in Figure 5. The hole drilled from surface was drilled for NQ size core.

Drill Hole	X (NAD83_Zone20)	Y (NAD83_Zone20)	Elevation	Length (m)	Core Size
BD13-01	630,356	5,374,334	301	306	NQ

Table 1. Drill Hole Collars

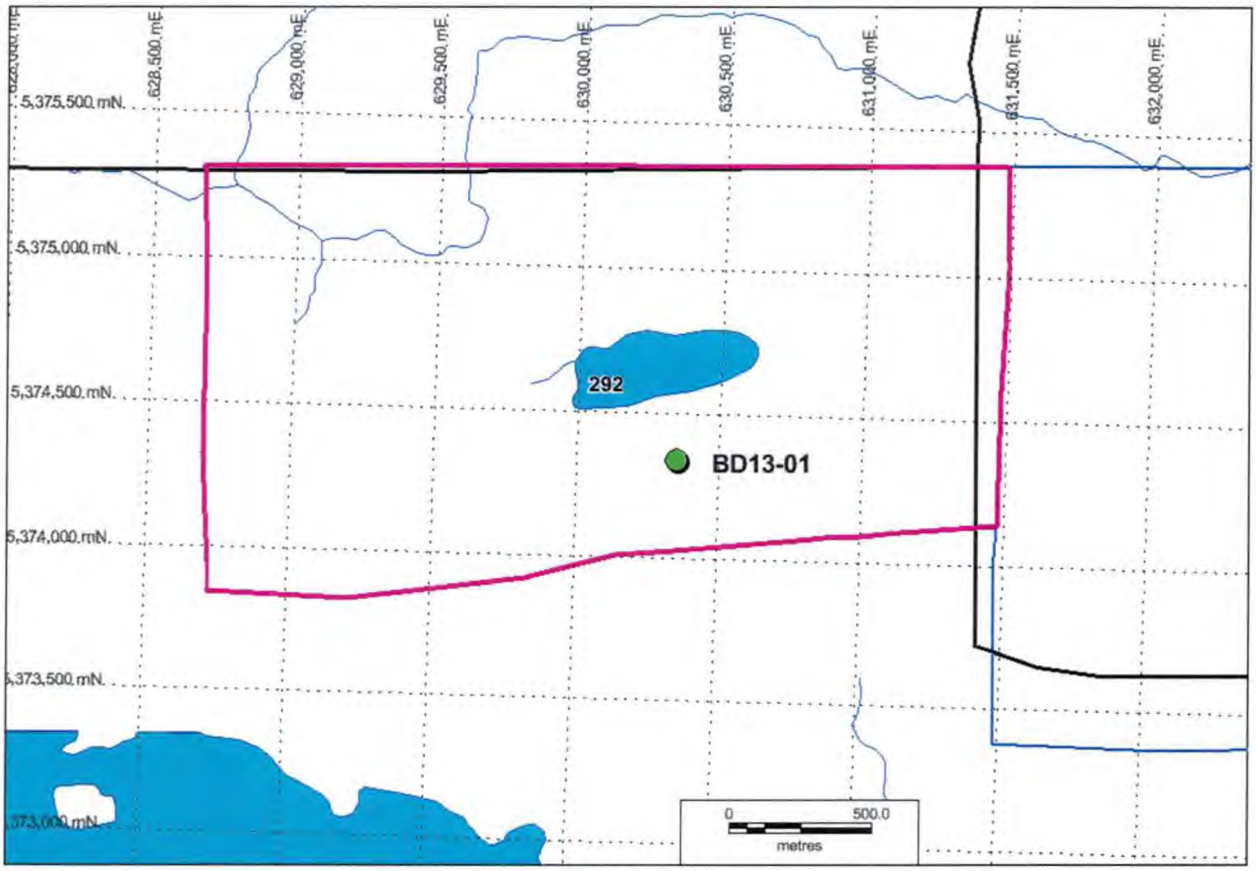

Figure 5. Location of Drill Hole Collar - Property

Drill hole was logged and supervised by Maria Jose Comeau (OGQ 1695). The work included geological logging, sample selection and daily supervision of the drilling operations. The core was logged with Geotic software. The core was sawed in half on site by Clifton Star technicians using a water cooled Vancon core saw. The project was supervised by Clifton Star's Vice President of Exploration, Louis Martin.

Foramex was the drill contractor on site throughout the duration of the project. The work was carried out by one fully hydraulic drill core rig. The drill rig was using a wire line retrieval system and were generally recovering NQ diameter core (47.6 mm). The drill rig was mounted on a fixed base with steel skids, surrounded by a fixed drill shack and mobilized on the property using a skidder. Core was removed from the core tube by Foramex Drilling employees and carefully placed in standard NQ wooden core boxes; a wooden block was put in the box at the

end of each run (3 metres), filled, closed and sealed. Foramex brought the filled core boxes to the Clifton core shack located on the old Roaster site at the end of each shift. Clifton employees opened them, measured and photographed the boxes before logging the core. Aluminum tags embossed with the hole number, box number and box interval were prepared and stapled onto the ends of each core box. Invoices from Foramex are included in the back of this report in Appendix 3.

All drill holes were drilled and logged using metric units. All drill casings from the current program were left in place, with a wooden post and aluminum tag with the drill hole number stamped on it.

All of the drill core has been preserved and is stored on the core farm located at the Beattie site.

The drill collars were surveyed for location using a Differential GPS with coordinates recorded in a UTM, NAD83 projection by Patrick Descarreaux Arpenteurs Geometres, located in the La Sarre, Quebec.

Downhole deviation of the drill hole was measured using both Reflex Single-Shot and multi shot instruments supplied Foramex. The single shot micro-mechanical borehole surveying instrument operates on a timing device that measures borehole direction relative to the earth's magnetic field. Measurements were taken 15 metres after the base of the casing and systematically every 30 metres down the hole. The drillers recorded the azimuth, inclination, magnetic reading and temperature at each station.

13.1 Drill Hole Summary

Hole BD13-01 tested the mineralization along the South Zone, or southern contact of the syenite.

From the start of the hole to a depth of 285 metres, the hole cored through a syenite intrusive that varied from mauve to grey in colour, with local hematite, sericite and silica alteration. Several mineralized sections were intersected in the syenite that varied from 0.1% to 0.5% finely disseminated pyrite. The geology in the bottom portion of the hole included a sediment unit from 285-292 metres, followed by an ultramafic unit that extended to the bottom of the hole at 306 metres.

Mineralized sections from the various en-echelon South Zone included widespread mineralization with 1.06 g/t Au over 19.7m (144.3m-164m) and 0.83 g/t Au over 30.8m (176.7-207.5m). Narrower high-grade intersection were further down the hole and included 1.37 g/t Au over 4.0m (232-236m) and 2.67 g/t Au over 3.0m (273-276m).

14.0 SAMPLING METHOD AND APPROACH

Drill Core was systematically sampled throughout hole within and near the syenite. Samples were for the vast majority between 1.0 and 1.5 metres in length. Samples were marked with a grease pencil by the geologist who then recorded the depth into Geotic and transcribed the numbers into the tag book. The geologist leaves one tag in the tag book and puts the other 2 tags in the core box at the end of the sample. The technician sawed all the samples in half, putting one half of the core sample back in the box with a tag and the other half into a numbered sample bag with the remaining sample tag. Sample bags were then sealed and put in larger rice bags that were then collected and put into wooden shipping crates.

15.0 SAMPLE PREPARATION, ANALYSES AND SECURITY

All samples collected during the diamond drilling program were sent to Techni-Lab S.G.B. Abitibi Inc. (Actlabs) located in Ste-Germaine-Boulé, Abitibi. All samples had to be sorted and checked against the sample submission form before entering the preparation laboratory.

At Techni-Lab, each sample was crushed in its entirety using either an oscillating jaw crusher or a roll crusher, with the specification that more than 85% of the crushed material must pass a 2 mm (10 mesh) screen. A 250- to 300-gram fraction derived from the crushing process was then pulverized using a ring mill to 85% passing 105 μm (140 mesh).

For both the drill core and channel samples, gold was analyzed by fire assay with AAS (atomic absorption spectroscopy) finish using a 50-g nominal sample weight. For grades over 5.0 g/t Au, samples were re-assayed with a gravimetric finish.

Assay certificates from Techni-Lab are included in the back of the report in Appendix 4. The data was integrated into Excel spreadsheets as well as Geotic software. The assay data was used to calculate best intervals or weighted averages in each hole.

Security

Clifton reports that all drill core during the time of logging, sampling and splitting was kept in a secure facility at the core shack in Duparquet, Quebec. The sealed samples were transported by Clifton employees from Duparquet to Techni-Lab facilities in Ste-Germaine-Boulé. Assay results were provided directly and exclusively to authorized Clifton personnel only. There was little or no opportunity for anyone to interfere or corrupt the samples, or to access or alter the analytical results. All the pulps and rejects were returned to Clifton and are stored at the core farm on the property.

16.0 DATA VERIFICATION

In addition to the standard laboratory QA/QC program, Clifton implemented its own internal QA/QC protocol consisting of the insertion of Certified Reference Material (CRM) and blanks.

Regardless of the number of samples per batch, one (1) blank and one (1) certified material reference (standard) were inserted for every twenty (20) samples. At the request of Clifton Star, the laboratory randomly assayed 5% of the pulp duplicates.

A statistical analysis of the QA/QC data by Clifton Star did not highlight any significant analytical issues. Clifton is of the opinion that the sample preparation, analysis, QA/QC and security protocols used for the 2013 drilling follow accepted industry standards.

17.0 ADJACENT PROPERTIES

Not applicable at this time

18.0 MINERAL PROCESSING AND METALLURGICAL TESTING

Not applicable at this time

19.0 MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

Not applicable at this time

20.0 OTHER RELEVANT DATA AND INFORMATION

There is no additional information to be included in this section.

21.0 INTERPRETATION AND CONCLUSIONS

The 2013 diamond drill program tested targets close to the known gold mineralization.

The gold mineralization observed is associated with the syenite intrusion and larger, east-west trending shear structures. The mineralization includes widespread low-grade as well as narrow high-grade sections.

The mineralized structures can be traced for several hundred metres along strike and is open at depth. The most continuous structures are the North Zone and the South Zone.

Additional secondary gold bearing structures, locally at an angle to the main shear zones, are also be present within the syenite intrusion.

22.0 RECOMMENDATIONS

More diamond drilling will be required to delineate the exact limits of this gold deposit and the various lenses within this mineralized envelope.

23.0 REFERENCES

Bevan, P.A. (2009): Technical Report on Beattie-Donchester Gold Mine Property, Duparquet Township, Quebec, NI43-101 Report on Behalf of Clifton Star Resources Inc. 43 p.

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Poulsen, K. H., Robert, F., and Dubé, B., 2000. Geological classification of Canadian gold deposits. Geological Survey of Canada, Bulletin 540, 106 pages.

24.0 DATE AND SIGNATURE PAGE (with certificate of Author)

This report entitled 2013 Exploration Report, Beattie Property (CM 292), dated March 31st, 2013 was prepared and signed by the following author.

Signed and sealed by:

Louis Martin, P.Geo
Signature _____ Date: March 31, 2013

GÉOLOGUE / GEOLOGIST
LOUIS C. MARTIN #364
QUÉBEC

REÇU AU MRNF
22 AVR. 2013
DIRECTION DES TITRES MINIERS

Clifton Star Resources Inc.

Sondage : **BD13-01**

		Titre minier :	CM 292	Section :	630350
		Canton :	Duparquet	Niveau :	
		Rang :		Place de travail :	
Foré par :	Foramex FO5	Lot :			
Décrit par :	Maria Jose Comeau (OGQ 1695)	Du :	08/01/2013	Date de description :	12/01/2013
		Au :	11/01/2013		

Collet

Azimut :	180.00°
Plongée :	-50.00°
Longueur :	306.00 m

UTM

Est	630,356.0
Nord	5,374,334.0
Élévation	301.0

Déviation

Type	Profondeur	Azimut	Plongée	Invalide
multishot	0.00	178.20°	-49.50°	Oui
multishot	3.00	178.40°	-49.50°	Oui
multishot	6.00	179.40°	-49.40°	Non
multishot	9.00	180.90°	-49.50°	Non
multishot	12.00	179.80°	-49.20°	Non
multishot	15.00	179.10°	-49.30°	Non
multishot	18.00	180.70°	-49.20°	Non
multishot	21.00	179.50°	-49.50°	Non
multishot	24.00	178.60°	-49.40°	Non
multishot	27.00	179.50°	-49.40°	Non
multishot	30.00	180.90°	-49.00°	Non
multishot	33.00	179.60°	-49.10°	Non

Type	Profondeur	Azimut	Plongée	Invalide
multishot	36.00	181.00°	-49.20°	Non
multishot	39.00	179.10°	-49.00°	Non
multishot	42.00	178.80°	-49.20°	Non
multishot	45.00	180.40°	-48.90°	Non
multishot	48.00	179.20°	-49.10°	Non
multishot	51.00	179.30°	-49.10°	Non
multishot	54.00	180.50°	-48.70°	Non
multishot	57.00	178.90°	-48.90°	Non
multishot	60.00	180.20°	-48.60°	Non
multishot	63.00	179.50°	-48.80°	Non
multishot	66.00	179.40°	-48.60°	Non
multishot	69.00	178.40°	-48.60°	Non

Description

GPS Datum NAD83, UTM Zone 17. TROU NON ARPENTÉ. Arpentage par P. Descarreaux.

La déclinaison magnétique a été prise en compte dans le test de déviation; c'est à dire que 12.5 degrés ont été soustraits des données brutes.

Certificats Techni-Lab: 33155

Code la classification des zones magnétiques: 1=faible, 2=moyen, 3=fort. Lorsqu'une portion n'est pas notée dans le magnétisme, elle est non magnétique.

Dimension de la carotte :

Cimenté : Non

Entreposé : Non

Déviation

Type	Profondeur	Azimut	Plongée	Invalide
multishot	72.00	179.90°	-48.60°	Non
multishot	75.00	180.40°	-48.20°	Non
multishot	78.00	180.20°	-48.20°	Non
multishot	81.00	177.90°	-48.50°	Oui
multishot	84.00	180.30°	-48.20°	Non
multishot	87.00	178.10°	-48.40°	Oui
multishot	90.00	180.20°	-48.50°	Non
multishot	93.00	179.90°	-48.40°	Non
multishot	96.00	179.60°	-48.10°	Non
multishot	99.00	179.00°	-48.50°	Non
multishot	102.00	180.60°	-48.40°	Non
multishot	105.00	178.50°	-48.20°	Oui
multishot	108.00	180.10°	-48.10°	Non
multishot	111.00	180.10°	-48.10°	Non
multishot	114.00	180.60°	-48.00°	Non
multishot	117.00	181.50°	-48.00°	Non
multishot	120.00	178.70°	-48.10°	Oui
multishot	123.00	179.90°	-48.20°	Non
multishot	126.00	180.70°	-48.10°	Non
multishot	129.00	180.10°	-48.00°	Non
multishot	132.00	178.70°	-48.00°	Non
multishot	135.00	178.80°	-48.00°	Non
multishot	138.00	180.40°	-47.80°	Non
multishot	141.00	178.60°	-47.80°	Non
multishot	144.00	178.80°	-47.80°	Non
multishot	147.00	180.60°	-47.80°	Non
multishot	150.00	179.40°	-47.70°	Non
multishot	153.00	179.20°	-47.50°	Non
multishot	156.00	179.50°	-47.60°	Non
multishot	159.00	179.80°	-47.30°	Non
multishot	162.00	180.70°	-47.20°	Non
multishot	165.00	180.00°	-47.40°	Non
multishot	168.00	181.10°	-47.10°	Non

Type	Profondeur	Azimut	Plongée	Invalide
multishot	171.00	179.90°	-47.00°	Non
multishot	174.00	180.30°	-46.90°	Non
multishot	177.00	180.40°	-46.90°	Non
multishot	180.00	180.10°	-47.10°	Non
multishot	183.00	182.10°	-46.90°	Oui
multishot	186.00	180.90°	-46.70°	Non
multishot	189.00	181.00°	-46.90°	Non
multishot	192.00	181.40°	-46.70°	Non
multishot	195.00	181.60°	-46.70°	Non
multishot	198.00	181.10°	-46.50°	Non
multishot	201.00	182.00°	-46.30°	Non
multishot	204.00	181.90°	-46.50°	Non
multishot	207.00	181.10°	-46.20°	Non
multishot	210.00	181.50°	-46.40°	Non
multishot	213.00	182.30°	-46.00°	Non
multishot	216.00	183.00°	-46.20°	Oui
multishot	219.00	181.70°	-46.00°	Non
multishot	222.00	182.30°	-46.10°	Non
multishot	225.00	182.60°	-45.90°	Non
multishot	228.00	182.40°	-45.70°	Non
multishot	231.00	182.50°	-45.90°	Non
multishot	234.00	183.00°	-45.80°	Non
multishot	237.00	183.20°	-45.60°	Non
multishot	240.00	182.40°	-45.80°	Non
multishot	243.00	182.50°	-45.90°	Non
multishot	246.00	182.40°	-45.60°	Non
multishot	249.00	182.30°	-45.50°	Non
multishot	252.00	183.50°	-45.50°	Non
multishot	255.00	182.40°	-45.50°	Non
multishot	258.00	183.10°	-45.60°	Non
multishot	261.00	182.90°	-45.70°	Non
multishot	264.00	183.80°	-45.60°	Non
multishot	267.00	182.40°	-45.60°	Non

Déviation

Type	Profondeur	Azimut	Plongée	Invalide
multishot	270.00	183.30°	-45.60°	Non
multishot	273.00	183.00°	-45.30°	Non
multishot	276.00	184.00°	-45.50°	Non
multishot	279.00	183.30°	-45.30°	Non
multishot	282.00	183.00°	-45.40°	Non
multishot	285.00	184.70°	-45.40°	Oui
multishot	288.00	183.50°	-45.20°	Non
multishot	291.00	183.50°	-45.30°	Non
multishot	294.00	184.40°	-45.40°	Non
multishot	297.00	183.40°	-45.50°	Non
multishot	300.00	185.20°	-45.50°	Oui
multishot	303.00	183.90°	-45.40°	Non
multishot	306.00	184.10°	-45.60°	Non

Type	Profondeur	Azimut	Plongée	Invalide

Description			Analyse				
			De	À	Numéro	Longueur	Au_final (g/t)
0.00	3.30	MT **Mort-terrain**					
3.30	285.00	SY **Syénite** Nous avons une syénite mauve(hématite) à gris(partiellement silicifiée) , localement verdâtre (séricite). On peut voir 10% de phenocristaux altérés, de 1-5mm(parfois jusqu'à 1cm), beige, verdâtre à rosés. La syénite est localement brèchifiée par des veinules carbonnatées. La syénite est traversée localement par des veines de quartz-carbonates beiges à rosées, de 20 à 50 degrés. De 18 à 23.3 (plus faiblement jusqu'à 33m), on retrouve une grande quantité de fractures et beaucoup d'oxydation dans la roche. Possible zone de faille. La roche est magnétique de M2 à M3 de 3.3 à 6.6m et de 27.3 à 43.5m et M3 de 63.5 à 130.3m. et M1 de 132.2 à 144m (cette zone est majoritairement magnétique de M1 à M3, mais elle contient des passages non magnétiques). On peut voir des zones minéralisées De 60 à 60.3m, nous avons 0.5% de fine pyrite disséminée dans une syénite mauve traversée par 3 à 5% de veines de quartz-carbonates rosées, orientés de 30 à 50 degrés. De 122.4 à 124m, nous avons une petite zone non magnétique qui contient de 0.5 à 1% de fine pyrite disséminée. Moyenne de 0.3% de py. De 130.3 à 132.2m, nous avons 0.5% de fine pyrite disséminée entre deux zones magnétiques. Là où on retrouve de la minéralisation, la syénite est non magnétique. De 144.3 à 165m, nous avons une moyenne de 0.1% de fine pyrite disséminée dans une syénite mauve gris, localement brèchifiée. On retrouve la pyrite de façon locale (De 161.5 à 164m on retrouve jusqu'à 2% de fine pyrite disséminée, avec une moyenne de 1%). De 176.7 à 190m, nous avons 0.1% de fine pyrite disséminée, de façon locale, dans une syénite mauve localement brèchifiée. De 199.5 à 207.5, nous avons 0.5% de fine pyrite disséminée dans une syénite contenant jusqu'à 5% de veines (jusqu'à 3cm) de quartz-carbonates rosées. De 228.8 à 246.8m, nous avons une moyenne de 0.1% de fine pyrite disséminée et de façon ponctuelle en veinules et ammalgammées. De 233.7 à 239m, nous avons jusqu'à 2% de fine pyrite disséminée en veinules. On retrouve la minéralisation parfois dans la syénite mauve, brèchifiée. Elle contient de 1 à 3% de veines de quartz-carbonates beiges à rosées. De 255 à 286m, nous avons une moyenne de 0.1% de fine pyrite disséminée et ammalgammée, de façon ponctuelle dans une syénite mauve, fracturée. La minéralisation se contient majoritairement dans une zone d'environ 10-20cm, et peux aller jusqu'à 2% de fine pyrite.	3.30	4.10	557644	0.80	0.005

Description			Analyse				
			De	À	Numéro	Longueur	Au_final (g/t)
		Le contact inférieur est légèrement folié et semble graduel (alterance entre syénite et sédiments).					
4.10	33.00	HM02; SR01; LIM01; SI01	4.10	5.00	557645	0.90	0.048
		Hématisé 2; Séricitique 1; Limonitisation 1; Silicifié 1	5.00	6.00	557646	1.00	0.088
		La syénite est de couleur mauve, localement verdâtre (séricite), localement silicifiée.	6.00	7.50	557647	1.50	0.018
		Elle contient des passages oxydés qui pourraient être reliés à un faille.	7.50	9.00	557648	1.50	0.005
			9.00	10.50	557649	1.50	0.005
			10.50	12.00	557650	1.50	0.005
			12.00	13.50	557651	1.50	0.005
			13.50	15.00	557652	1.50	0.005
			15.00	16.50	557653	1.50	0.005
			16.50	18.00	557654	1.50	0.005
			16.50	18.00	557655 (Std)	1.50	2.146
			18.00	19.50	557656	1.50	0.005
			18.00	19.50	557657 (Dbl)	1.50	0.005
			19.50	21.00	557658	1.50	0.005
			21.00	22.50	557659	1.50	0.017
			21.00	22.50	557660 (Bln)	1.50	0.005
			22.50	24.00	557661	1.50	0.005
			24.00	25.50	557662	1.50	0.005
			25.50	27.00	557663	1.50	0.005
			27.00	28.50	557664	1.50	0.005
			28.50	30.00	557665	1.50	0.005
			30.00	31.50	557666	1.50	0.018
			31.50	33.00	557667	1.50	0.017
33.00	144.30	HM03	33.00	34.50	557668	1.50	0.005
		Hématisé 3	34.50	36.00	557669	1.50	0.010
		syénite mauve, fortement hématisée.	36.00	37.50	557670	1.50	0.005
			37.50	39.00	557671	1.50	0.005
			39.00	40.50	557672	1.50	0.005
			40.50	42.00	557673	1.50	0.005
			42.00	43.50	557674	1.50	0.005
			42.00	43.50	557675 (Std)	1.50	0.250
			43.50	45.00	557676	1.50	0.186

Description			De	À	Numéro	Longueur	Au_final (g/t)
			43.50	45.00	557677 (Dbl)	1.50	0.208
			45.00	46.50	557678	1.50	0.568
			46.50	48.00	557679	1.50	0.072
			46.50	48.00	557680 (Bln)	1.50	0.005
			48.00	49.50	557681	1.50	0.092
			49.50	51.00	557682	1.50	0.005
			51.00	52.50	557683	1.50	0.056
			52.50	54.00	557684	1.50	0.078
			54.00	55.50	557685	1.50	0.005
			55.50	57.00	557686	1.50	0.005
			57.00	58.50	557687	1.50	0.046
			58.50	60.00	557688	1.50	0.012
60.00	63.30	Py00.3 **Pyrite 0.3%** Nous avons de 0.2 à 1% de fine pyrite disséminée dans une syénite mauve, traversée par 3 à 5% de veines de quartz-carbonates rosées orientées de 30 à 50 degrés.	60.00	61.10	557689	1.10	0.072
			61.10	62.20	557690	1.10	1.220
			62.20	63.30	557691	1.10	1.569
			63.30	64.50	557692	1.20	0.010
			64.50	66.00	557693	1.50	0.005
			66.00	67.50	557694	1.50	0.013
			66.00	67.50	557695 (Std)	1.50	0.737
			67.50	69.00	557696	1.50	0.114
			67.50	69.00	557697 (Dbl)	1.50	0.112
			69.00	70.50	557698	1.50	0.005
			70.50	72.00	557699	1.50	0.027
			70.50	72.00	557700 (Bln)	1.50	0.005
			72.00	73.50	557701	1.50	0.005
			73.50	75.00	557702	1.50	0.032
			75.00	76.50	557703	1.50	0.005
			76.50	78.00	557704	1.50	0.032
			78.00	79.50	557705	1.50	0.030
			79.50	81.00	557706	1.50	0.005
			81.00	82.50	557707	1.50	0.064
			82.50	84.00	557708	1.50	0.005
			84.00	85.50	557709	1.50	0.005

Description			Analyse				
			De	À	Numéro	Longueur	Au_final (g/t)
			85.50	87.00	557710	1.50	0.029
			87.00	88.50	557711	1.50	0.039
			88.50	90.00	557712	1.50	0.064
			90.00	91.50	557713	1.50	0.005
			91.50	93.00	557714	1.50	0.023
			91.50	93.00	557715 (Std)	1.50	1.326
			93.00	94.50	557716	1.50	0.025
			93.00	94.50	557717 (Dbl)	1.50	0.027
			94.50	96.00	557718	1.50	0.005
			96.00	97.50	557719	1.50	0.005
			96.00	97.50	557720 (Bln)	1.50	0.005
			97.50	99.00	557721	1.50	0.005
			99.00	100.50	557722	1.50	0.005
			100.50	102.00	557723	1.50	0.005
			102.00	103.50	557724	1.50	0.005
			103.50	105.00	557725	1.50	0.015
			105.00	106.50	557726	1.50	0.017
			106.50	108.00	557727	1.50	0.005
			108.00	109.50	557728	1.50	0.005
			109.50	111.00	557729	1.50	0.017
			111.00	112.50	557730	1.50	0.005
			112.50	114.00	557731	1.50	0.005
			114.00	115.50	557732	1.50	0.005
			115.50	117.00	557733	1.50	0.005
			117.00	118.50	557734	1.50	0.005
			117.00	118.50	557735 (Std)	1.50	1.842
			118.50	120.00	557736	1.50	0.255
			118.50	120.00	557737 (Dbl)	1.50	0.249
			120.00	121.50	557738	1.50	0.012
			121.50	122.40	557739	0.90	0.313
			121.50	122.40	557740 (Bln)	0.90	0.005
122.40	124.00	Py00.3	122.40	123.20	557741	0.80	0.632
		Pyrite 0.3%	123.20	124.00	557742	0.80	0.815
		De 122.4 à 124m, nous avons une petite zone non magnétique qui contient de					

Description			Analyse				
			De	À	Numéro	Longueur	Au_final (g/t)
		0.5 à 1% de fine pyrite disséminée. Moyenne de 0.3% de py.	124.00	125.00	557743	1.00	0.015
			125.00	126.00	557744	1.00	0.013
			126.00	127.50	557745	1.50	0.005
			127.50	129.00	557746	1.50	0.005
			129.00	130.30	557747	1.30	0.133
130.30	132.20	Py00.5	130.30	131.20	557748	0.90	0.969
		Pyrite 0.5%	131.20	132.20	557749	1.00	0.652
		De 130.3 à 132.2m, nous avons 0.5% de fine pyrite disséminée entre deux zones magnétiques. Là où on retrouve de la minéralisation, la syénite est non magnétique.	132.20	133.50	557750	1.30	0.329
			133.50	135.00	557751	1.50	0.068
			135.00	136.50	557752	1.50	0.221
			136.50	138.00	557753	1.50	0.160
			138.00	139.50	557754	1.50	0.024
			138.00	139.50	557755 (Std)	1.50	0.270
			139.50	141.00	557756	1.50	0.013
			139.50	141.00	557757 (Dbl)	1.50	0.014
			141.00	142.30	557758	1.30	0.021
			142.30	143.30	557759	1.00	0.035
			142.30	143.30	557760 (Bln)	1.00	0.005
			143.30	144.30	557761	1.00	0.241
144.30	165.00	Py00.1	144.30	145.20	557762	0.90	2.871
		Pyrite 0.1%	145.20	146.10	557763	0.90	2.326
		De 144.3 à 165m, nous avons une moyenne de 0.1% de fine pyrite disséminée dans une syénite mauve gris, localement brèchifiée.	146.10	147.00	557764	0.90	1.601
		On retrouve la pyrite de façon locale (De 161.5 à 164m on retrouve jusqu'à 2% de fine pyrite disséminée, avec une moyenne de 1%).	147.00	148.00	557765	1.00	2.383
			148.00	149.00	557766	1.00	1.660
			149.00	150.00	557767	1.00	1.224
			150.00	151.00	557768	1.00	0.937
			151.00	152.00	557769	1.00	2.005
			152.00	153.00	557770	1.00	0.708
			153.00	154.00	557771	1.00	0.479
			154.00	155.00	557772	1.00	0.481
			155.00	156.00	557773	1.00	0.382
			156.00	157.00	557774	1.00	0.458
			156.00	157.00	557775 (Std)	1.00	0.889

Description			Analyse				
			De	À	Numéro	Longueur	Au_final (g/t)
			157.00	158.00	557776	1.00	0.160
			157.00	158.00	557777 (Dbl)	1.00	0.200
			158.00	159.00	557778	1.00	0.342
			159.00	160.00	557779	1.00	0.357
			159.00	160.00	557780 (Bln)	1.00	0.005
			160.00	161.00	557781	1.00	0.296
			161.00	162.00	557782	1.00	1.092
			162.00	163.00	557783	1.00	0.538
			163.00	164.00	557784	1.00	1.253
			164.00	165.00	557785	1.00	0.357
			165.00	166.50	557786	1.50	0.096
			166.50	168.00	557787	1.50	0.175
			168.00	169.50	557788	1.50	0.005
			169.50	171.00	557789	1.50	0.005
			171.00	172.50	557790	1.50	0.055
			172.50	174.00	557791	1.50	0.096
			174.00	175.50	557792	1.50	0.083
			175.50	176.70	557793	1.20	0.053
176.70	190.00	Py00.1 **Pyrite 0.1%** De 176.7 à 190m, nous avons 0.1% de fine pyrite disséminée, de façon locale, dans une syénite mauve localement brèchifiée. On retrouve jusqu'à 0.5% localement.	176.70	177.80	557794	1.10	1.986
			176.70	177.80	557795 (Std)	1.10	1.982
			177.80	178.90	557796	1.10	1.365
			177.80	178.90	557797 (Dbl)	1.10	1.402
			178.90	180.00	557798	1.10	0.802
			180.00	181.00	557799	1.00	1.399
			180.00	181.00	557800 (Bln)	1.00	0.005
			181.00	182.00	557801	1.00	0.082
			182.00	183.00	557802	1.00	0.112
			183.00	184.00	557803	1.00	0.242
			184.00	185.00	557804	1.00	0.137
			185.00	186.00	557805	1.00	0.836
			186.00	187.00	557806	1.00	0.899
			187.00	188.00	557807	1.00	2.281
			188.00	189.00	557808	1.00	2.266

Description			Analyse				
			De	À	Numéro	Longueur	Au_final (g/t)
			189.00	190.00	557809	1.00	0.797
			190.00	191.00	557810	1.00	0.110
			191.00	192.00	557811	1.00	0.260
			192.00	193.50	557812	1.50	0.070
			193.50	195.00	557813	1.50	0.160
			195.00	196.50	557814	1.50	0.030
			195.00	196.50	557815 (Std)	1.50	0.240
			196.50	198.00	557816	1.50	0.250
			196.50	198.00	557817 (Dbl)	1.50	0.260
			198.00	199.50	557818	1.50	0.210
199.50	285.00	HM03; SI01; SR01	199.50	200.40	557819	0.90	1.900
		Hématisé 3; Silicifié 1; Séricitique 1	199.50	200.40	557820 (Bln)	0.90	0.005
		Syénite mauve localement silicifiée, localement verdâtre (séricite).	200.40	201.30	557821	0.90	1.150
			201.30	202.20	557822	0.90	2.290
			202.20	203.10	557823	0.90	0.550
			203.10	204.00	557824	0.90	0.993
			204.00	205.00	557825	1.00	1.058
			205.00	205.70	557826	0.70	1.803
			205.70	206.60	557827	0.90	0.664
			206.60	207.50	557828	0.90	1.836
			207.50	208.50	557829	1.00	0.093
			208.50	210.00	557830	1.50	0.083
			210.00	211.50	557831	1.50	0.051
			211.50	213.00	557832	1.50	0.069
			213.00	214.50	557833	1.50	0.044
			214.50	216.00	557834	1.50	0.005
			214.50	216.00	557835 (Std)	1.50	0.808
			216.00	217.50	557836	1.50	0.017
			216.00	217.50	557837 (Dbl)	1.50	0.005
			217.50	219.00	557838	1.50	0.021
			219.00	220.50	557839	1.50	0.005
			219.00	220.50	557840 (Bln)	1.50	0.005
			220.50	222.00	557841	1.50	0.017

Description			Analyse				
			De	À	Numéro	Longueur	Au_final (g/t)
			222.00	223.50	557842	1.50	0.090
			223.50	225.00	557843	1.50	0.154
			225.00	226.50	557844	1.50	0.456
			226.50	228.00	557845	1.50	0.720
			228.00	228.80	557846	0.80	1.234
199.50	207.50	Py00.5 **Pyrite 0.5%** De 199.5 à 205, nous avons 0.5% de fine pyrite disséminée dans une syénite partiellement silicifiée, contenant jusqu'à 5% de veines (jusqu'à 3cm) de quartz-carbonates rosées. De 205 à 207.5m, la syénite est localement magnétique et la minéralisation devient ponctuelle, avec 0.5% de fine pyrite disséminée.					
228.80	246.80	Py00.1 **Pyrite 0.1%** De 228.8 à 246.8m, nous avons une moyenne de 0.1% de fine pyrite disséminée et de façon ponctuelle en veinules et ammalgammées. De 233.7 à 239m, nous avons jusqu'à 2% de fine pyrite disséminée en veinules. On retrouve la minéralisation parfois dans la syénite mauve, brèchifiée. Elle contient de 1 à 3% de veines de quartz-carbonates beiges à rosées.	228.80	229.90	557847	1.10	0.575
			229.90	231.00	557848	1.10	0.040
			231.00	232.00	557849	1.00	0.236
			232.00	233.00	557850	1.00	1.468
			233.00	234.00	557851	1.00	1.327
			234.00	235.00	557852	1.00	1.694
			235.00	236.00	557853	1.00	1.005
			236.00	237.00	557854	1.00	0.041
			236.00	237.00	557855 (Std)	1.00	1.383
			237.00	238.00	557856	1.00	0.048
			237.00	238.00	557857 (Dbl)	1.00	0.044
			238.00	239.00	557858	1.00	0.048
			239.00	240.00	557859	1.00	0.214
			239.00	240.00	557860 (Bln)	1.00	0.005
			240.00	241.00	557861	1.00	0.084
			241.00	242.00	557862	1.00	0.066
			242.00	243.00	557863	1.00	0.694
			243.00	244.00	557864	1.00	1.174
			244.00	245.00	557865	1.00	0.427
			245.00	246.00	557866	1.00	1.377
			246.00	246.80	557867	0.80	0.177
			246.80	248.00	557868	1.20	0.576
			248.00	249.00	557869	1.00	0.113

Description			Analyse				
			De	À	Numéro	Longueur	Au_final (g/t)
			249.00	250.50	557870	1.50	0.089
			250.50	252.00	557871	1.50	0.101
			252.00	253.50	557872	1.50	0.391
			253.50	255.00	557873	1.50	0.029
255.00	286.00	Py00.1 **Pyrite 0.1%** De 255 à 286m, nous avons une moyenne de 0.1% de fine pyrite disséminée et ammalgammée, de façon ponctuelle dans une syénite mauve, fracturée. La minéralisation se contient majoritairement dans une zone d'environ 10-20cm, et peux aller jusqu'à 2% de fine pyrite. On retrouve de 2 jusqu'à 10% de veines de quartz carbonates blanches (elles vont dans plusieurs directions, avec une prédominance à 50 degrés) À 268.8m, nous avons 0.1% de chacopyrite ammalgammée.	255.00	256.00	557874	1.00	1.750
			255.00	256.00	557875 (Std)	1.00	1.966
			256.00	257.00	557876	1.00	0.070
			256.00	257.00	557877 (Dbl)	1.00	0.040
			257.00	258.00	557878	1.00	0.091
			258.00	259.00	557879	1.00	0.234
			258.00	259.00	557880 (Bln)	1.00	0.005
			259.00	260.00	557881	1.00	0.886
			260.00	261.00	557882	1.00	0.103
			261.00	262.00	557883	1.00	0.082
			262.00	263.00	557884	1.00	1.570
			263.00	264.00	557885	1.00	0.945
			264.00	265.00	557886	1.00	1.076
			265.00	266.00	557887	1.00	0.025
			266.00	267.00	557888	1.00	0.005
			267.00	268.00	557889	1.00	0.012
			268.00	269.00	557890	1.00	0.018
			269.00	270.00	557891	1.00	0.064
			270.00	271.00	557892	1.00	0.311
			271.00	272.00	557893	1.00	0.015
			272.00	273.00	557894	1.00	0.667
			272.00	273.00	557895 (Std)	1.00	0.249
			273.00	274.00	557896	1.00	3.358
			273.00	274.00	557897 (Dbl)	1.00	3.363
			274.00	275.00	557898	1.00	2.093
			275.00	276.00	557899	1.00	2.546
			275.00	276.00	557900 (Bln)	1.00	0.005
			276.00	277.00	557901	1.00	0.274
			277.00	278.00	557902	1.00	0.133

Description			Analyse				
			De	À	Numéro	Longueur	Au_final (g/t)
			278.00	279.00	557903	1.00	0.191
			279.00	280.00	557904	1.00	0.390
			280.00	281.00	557905	1.00	0.109
			281.00	282.00	557906	1.00	0.262
			282.00	283.00	557907	1.00	0.399
			283.00	284.00	557908	1.00	0.389
			284.00	285.00	557909	1.00	2.097
285.00	292.00	S	285.00	286.50	557910	1.50	0.327
		Sédiments	286.50	288.00	557911	1.50	0.286
		Nous avons un contact supérieur qui semble être une alternance entre la syénite et les sédiments.	288.00	289.50	557912	1.50	0.131
			289.50	291.00	557913	1.50	0.054
		Les sédiments sont lités avec des couches plus grenus(1-2mm) et d'autres qui sont aphanitques, orientées à 50 degrés, et contiennent des sulfures allongés dans le litage(pyrite).	291.00	292.00	557914	1.00	0.011
			291.00	292.00	557915 (Std)	1.00	1.062
		Le contact inférieur est diffus sur un mètre.					
292.00	306.00	UM	292.00	293.00	557916	1.00	0.012
		Ultramafique	292.00	293.00	557917 (Dbl)	1.00	0.012
		Le contact supérieur est diffus sur 1mètre.	293.00	294.00	557918	1.00	0.005
			294.00	295.50	557919	1.50	0.005
		Nous avons une roche ultramafique de couleur vert foncé avec fortement déformée, avec une grande quantité de talc.	294.00	295.50	557920 (Bln)	1.50	0.005
		Elle est traversée par 7 % de veines de carbonates (ankérite), allant dans diversent directions.	295.50	297.00	557921	1.50	0.005
			297.00	298.50	557922	1.50	0.005
		EOH 306m	298.50	300.00	557923	1.50	0.005
			300.00	301.50	557924	1.50	0.005
			301.50	303.00	557925	1.50	0.005
			303.00	304.50	557926	1.50	0.005
			304.50	306.00	557927	1.50	0.005
306.00	**Fin du sondage**						
	Nombre d'échantillons : 242						
	Nombre d'échantillons QAQC : 42						
	Longueur totale échantillonnée : 302.70						

Pages(s) retirée(s) - Information non pertinente
Irrelevant page(s) have been withdrawn

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Client :
Monsieur Louis Martin

Clifton Star Resources
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J0Z 1W0

Date d'émission: 8 févr. 2013
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Certificat: 33155

CERTIFICAT D'ANALYSE

Notes : **Les matériaux de références SH 65 et SN 60 à la fin du certificat, sont ceux des reprises.**

Ce certificat remplace et annule tous certificats antérieurs, le cas échéant.

® Ces résultats ne se rapportent qu'aux échantillons soumis pour analyse.

SCC Accredited LAB
LAB Accrédité CCN
LAB 767

Les résultats des échantillons sont vérifiés et approuvés par :

Mathieu RANCOURT, chimiste 2007-109

CHIMISTE
Mathieu Rancourt
2007-109
QUÉBEC

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Échantillon #	Poids kg	Au g/t	Au g/t >5.0 g/t Gravimétrie
Méthode utilisée:		*TMT-G5B*	*TMT-G5C*
557644	2.43	<0.01	
557645	1.66	0.05	
557646	1.83	0.09	
557647	2.65	0.02	
557648	3.22	<0.01	
SH 65		1.37	
Blanc		<0.01	
557649	3.00	<0.01	
557650	3.16	<0.01	
557651	3.20	<0.01	
557652	3.43	<0.01	
557653	3.24	<0.01	
557654	2.86	<0.01	
557655		2.15	
557656	2.85	<0.01	
557656-Dup		<0.01	
557657		<0.01	
557658	2.35	<0.01	
557659	2.91	0.02	
557660	1.07	<0.01	
557661	3.01	<0.01	
SN 60		8.63	
557662	3.40	<0.01	
557663	3.20	<0.01	
SH 65		1.30	
Blanc		<0.01	
557664	2.97	<0.01	
557665	3.02	<0.01	
557666	2.65	0.02	
557667	2.79	0.02	
557668	3.36	<0.01	
557669	3.19	0.01	
557670	2.41	<0.01	

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Échantillon #	Poids kg	Au g/t	Au g/t >5.0 g/t Gravimétrie
Méthode utilisée:		*TMT-G5B*	*TMT-G5C*
557670-Dup		<0.01	
557671	3.03	<0.01	
557672	3.22	<0.01	
557673	3.28	<0.01	
557674	3.45	<0.01	
557675		0.25	
557676	3.33	0.19	
557677		0.21	
SN 60		8.66	
557678	3.54	0.57	
557679	3.02	0.07	
557680	0.97	<0.01	
557681	3.13	0.09	
557682	3.11	<0.01	
557683	3.35	0.06	
557684	3.56	0.08	
SH 65		1.31	
Blanc		<0.01	
557685	3.35	<0.01	
557686	3.29	<0.01	
557687	3.35	0.05	
557688	3.12	0.01	
557689	2.09	0.07	
557690	2.43	1.22	
557691	2.54	1.57	
557691-Dup		1.58	
557692	2.32	0.01	
557693	3.05	<0.01	
557694	3.32	0.01	
557695		0.74	
557696	3.00	0.11	
557697		0.11	
557698	3.39	<0.01	

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Méthode utilisée:		*TMT-G5B*	*TMT-G5C*
SN 60		8.52	
557699	3.23	0.03	
557700	0.93	<0.01	
557701	3.14	<0.01	
557702	3.46	0.03	
557703	2.99	<0.01	
557704	3.27	0.03	
557705	2.91	0.03	
SH 65		1.39	
Blanc		<0.01	
557706	2.50	<0.01	
557707	2.43	0.06	
557708	2.87	<0.01	
557709	3.27	<0.01	
557710	3.46	0.03	
557711	3.26	0.04	
557712	2.92	0.06	
557712-Dup		0.07	
557713	3.10	<0.01	
557714	3.11	0.02	
557715		1.33	
557716	3.19	0.03	
557717		0.03	
557718	3.22	<0.01	
557719	3.27	<0.01	
SN 60		8.84	
557720	1.09	<0.01	
557721	2.81	<0.01	
557722	3.20	<0.01	
557723	3.06	<0.01	
557724	3.19	<0.01	
SH 65		1.31	
Blanc		<0.01	

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Échantillon #	Poids kg	Au g/t	Au g/t >5.0 g/t Gravimétrie
Méthode utilisée:		*TMT-G5B*	*TMT-G5C*
557725	3.31	0.02	
557726	3.34	0.02	
557727	3.27	<0.01	
557728	3.19	<0.01	
557729	3.10	0.02	
557730	3.33	<0.01	
557731	3.18	<0.01	
557731-Dup		0.01	
557732	3.03	<0.01	
557733	3.30	<0.01	
557734	3.03	<0.01	
557735		1.84	
557736	3.21	0.26	
557737		0.25	
557738	3.20	0.01	
SN 60		8.41	
557739	1.88	0.31	
557740	1.01	<0.01	
557741	1.76	0.63	
557742	1.81	0.82	
557743	2.10	0.02	
557744	2.27	0.01	
557745	3.15	<0.01	
SH 65		1.35	
Blanc		<0.01	
557746	3.22	<0.01	
557747	2.95	0.13	
557748	1.85	0.97	
557749	2.10	0.65	
557750	2.85	0.33	
557751	3.23	0.07	
557752	3.20	0.22	
557752-Dup		0.22	

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Échantillon #	Poids kg	Au g/t	Au g/t >5.0 g/t Gravimétrie
Méthode utilisée:		*TMT-G5B*	*TMT-G5C*
557753	3.18	0.16	
557754	3.15	0.02	
557755		0.27	
557756	3.26	0.01	
557757		0.01	
557758	2.86	0.02	
SN 60		8.25	
557759	2.12	0.04	
557760	0.95	<0.01	
557761	2.24	0.24	
557762	1.86	2.87	
557763	1.96	2.33	
557764	1.93	1.60	
557765	2.08	2.38	
557766	2.17	1.66	
SH 65		1.37	
Blanc		0.01	
557767	2.13	1.22	
557768	2.07	0.94	
557769	2.09	2.01	
557770	2.19	0.71	
557771	2.08	0.48	
557772	2.01	0.48	
557773	2.14	0.38	
557773-Dup		0.38	
557774	2.07	0.46	
557775		0.89	
557776	2.08	0.16	
557777		0.20	
557778	2.07	0.34	
557779	2.11	0.36	
557780	1.00	<0.01	
SN 60		8.46	

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Échantillon #	Poids kg	Au g/t	Au g/t >5.0 g/t Gravimétrie
Méthode utilisée:		*TMT-G5B*	*TMT-G5C*
557781	2.10	0.30	
557782	2.24	1.09	
557783	2.03	0.54	
557784	2.02	1.25	
557785	2.27	0.36	
557786	3.21	0.10	
557787	3.11	0.18	
SH 65		1.33	
Blanc		<0.01	
557788	3.07	<0.01	
557789	3.13	<0.01	
557790	3.20	0.06	
557791	3.34	0.10	
557792	3.29	0.08	
557793	2.44	0.05	
557794	2.24	1.99	
557794-Dup		1.94	
557795		1.98	
557796	2.20	1.37	
557797		1.40	
557798	2.40	0.80	
557799	2.14	1.40	
557800	1.30	<0.01	
SN 60		8.53	
557801	2.19	0.08	
557802	2.07	0.11	
557803	2.02	0.24	
557804	2.26	0.14	
557805	2.03	0.84	
557806	2.08	0.90	
557807	2.05	2.28	
557808	2.14	2.27	
SH 65		1.32	

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Échantillon #	Poids kg	Au g/t	Au g/t >5.0 g/t Gravimétrie
Méthode utilisée:		*TMT-G5B*	*TMT-G5C*
Blanc		<0.01	
557809	1.99	0.80	
557810	2.12	0.11	
557811	2.20	0.26	
557812	2.35	0.07	
557813	3.16	0.16	
557814	3.08	0.03	
557815		0.24	
557816	3.30	0.25	
557816-Dup		0.24	
557817		0.26	
557818	3.23	0.21	
557818-Dup		0.21	
557819	2.09	1.90	
557820	1.04	<0.01	
557821	1.96	1.15	
557822	1.89	2.29	
SN 60		8.79	
557823	1.91	0.55	
557824	2.01	0.99	
557825	2.17	1.06	
557826	1.23	1.80	
557827	2.29	0.66	
557828	1.94	1.84	
557829	2.04	0.09	
SH-65		1.32	
Blanc		<0.01	
557830	3.27	0.08	
557831	3.33	0.05	
557832	3.24	0.07	
557833	3.17	0.04	
557834	3.01	<0.01	
557835		0.81	

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Échantillon #	Poids kg	Au g/t	Au g/t >5.0 g/t Gravimétrie
Méthode utilisée:		*TMT-G5B*	*TMT-G5C*
557836	3.14	0.02	
557836-Dup		<0.01	
557837		<0.01	
557838	3.38	0.02	
557839	3.15	<0.01	
557840	1.12	<0.01	
557841	3.42	0.02	
557842	3.27	0.09	
557843	3.39	0.15	
SN-60		8.68	
Blanc		<0.01	
OXJ 95		2.26	
557844	3.27	0.46	
557845	3.18	0.72	
557846	1.79	1.23	
557847	2.34	0.58	
557848	2.47	0.04	
557849	2.20	0.24	
557850	2.21	1.47	
557850-Dup		1.47	
557851	2.18	1.33	
557852	2.23	1.69	
557853	2.68	1.01	
557854	2.13	0.04	
557855		1.38	
557856	2.01	0.05	
557857		0.04	
SN 60		8.66	
557858	2.07	0.05	
557859	2.16	0.21	
557860	1.44	<0.01	
557861	2.23	0.08	
557862	2.33	0.07	

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Échantillon #	Poids kg	Au g/t	Au g/t >5.0 g/t Gravimétrie
Méthode utilisée:		*TMT-G5B*	*TMT-G5C*
557863	2.27	0.69	
557864	2.10	1.17	
Blanc		<0.01	
SH 65		1.30	
557865	2.21	0.43	
557866	2.39	1.38	
557867	1.91	0.18	
557868	2.59	0.58	
557869	2.32	0.11	
557870	3.27	0.09	
557871	3.39	0.10	
557871-Dup		0.10	
557872	3.16	0.39	
557873	3.22	0.03	
557874	2.02	1.75	
557875		1.97	
557876	2.17	0.07	
557877		0.04	
557878	2.30	0.09	
SN 60		8.52	
557879	2.11	0.23	
557880	1.22	<0.01	
557881	2.17	0.89	
557882	2.11	0.10	
557883	2.35	0.08	
557884	2.55	1.57	
557885	2.23	0.95	
Blanc		<0.01	
SH 65		1.30	
557886	2.48	1.08	
557887	2.18	0.03	
557888	2.25	<0.01	
557889	2.19	0.01	

TECHNI-LAB
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CERTIFICAT D'ANALYSE

À l'attention de Monsieur Louis Martin
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Téléphone 819-948-2079

Date d'émission: 8 févr. 2013
Date de réception: 21 janv. 2013
Date d'analyse: 5 févr. 2013
Projet: Beattie
Certificat: 33155

Échantillon #	Poids kg	Au g/t	Au g/t >5.0 g/t Gravimétrie
Méthode utilisée:		*TMT-G5B*	*TMT-G5C*
557890	2.07	0.02	
557891	2.27	0.06	
557892	2.42	0.31	
557892-Dup		0.33	
557893	2.41	0.02	
557894	2.28	0.67	
557895		0.25	
557896	2.36	3.36	
557897		3.36	
557898	2.34	2.09	
557899	2.10	2.55	
SN 60		8.63	
557900	1.40	<0.01	
557901	2.13	0.27	
557902	2.29	0.13	
557903	2.29	0.19	
Blanc		<0.01	
SH 65		1.31	
557904	2.28	0.39	
557905	2.49	0.11	
557906	2.42	0.26	
557907	2.33	0.40	
557908	2.05	0.39	
557909	2.20	2.10	
557910	3.24	0.33	
557911	3.35	0.29	
557911-Dup		0.30	
557912	3.23	0.13	
557913	3.08	0.05	
557914	2.39	0.01	
557915		1.06	
557916	2.49	0.01	
557917		0.01	

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Échantillon #	Poids kg	Au g/t	Au g/t >5.0 g/t Gravimétrie
Méthode utilisée:		*TMT-G5B*	*TMT-G5C*
SN 60		8.43	
557918	2.68	<0.01	
557919	4.07	<0.01	
557920	1.07	<0.01	
557921	2.36	<0.01	
557922	3.40	<0.01	
557923	3.00	<0.01	
557924	3.21	<0.01	
557925	3.11	<0.01	
SH-65		1.35	
Blanc		<0.01	
557926	3.37	<0.01	
557927	3.76	<0.01	
SN-60		8.57	
SH-65		1.31	
SH-65		1.32	
SN-60		8.60	
SN-60		8.59	

CERTIFICAT D'ANALYSE - ANNEXE 1

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MÉTHODE ACCRÉDITÉE

TMT-G5A	Ag, Cu, Pb, Zn, Ni par Spectrométrie d'Absorption Atomique en flamme,digestion d'Aqua Regia
TMT-G5B	Au par pyro-analyse, collection avec bouton de plomb, finition par Spectrométrie d'absorption Atomique à la flamme, après digestion d'Aqua Regia par micro-ondes.
TMT-G5C	Au par pyro-analyse, collection avec bouton de plomb finition gravimétrique.
TMT-G5E	Pt, Pd par absorption atomique - four au graphite (GFAA)
TMT-G5F	Métaux par spectroscopie d'émission à plasma couplé par induction (ICP), digestion Aqua Regia

MÉTHODE NON ACCRÉDITÉE

TMT-G5G	Argent par Gravimétrie
TMT-G5G 2	Densité
TMT-G5Z	Titration du Zinc pour concentrés.

MÉTHODE ACCRÉDITÉE PAR LE CCN

Méthode	*Paramètre*	*Limite de détection*	*Méthode*	*Paramètre*	*Limite de détection*
TMT-G5B	Au ppb (5 ml)	6	TMT-G5F	Ag ppm	0.2
TMT-G5B	Au g/t (10 ml)	0.01	TMT-G5F	Co ppm	1
TMT-G5C	Au gravimétrie g/t	0.05	TMT-G5F	Cu ppm	1
TMT-G5A	Ag ppm	0.2	TMT-G5F	Ni ppm	2
TMT-G5A	Cu ppm	1	TMT-G5F	Pb ppm	3
TMT-G5A	Pb ppm	1	TMT-G5F	Zn ppm	1
TMT-G5A	Zn ppm	1			
TMT-G5A	Ni ppm	1			
TMT-G5E	Pd ppb	4			
TMT-G5E	Pt ppb	5			

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LAB 707