

**NI 43-101 TECHNICAL REPORT PERTAINING TO:**

**TRECESSON PROPERTY**

**Abitibi Area,  
Quebec, Canada**

**Amos Region  
NTS 32D/09**

*January 20, 2012*

*Updated on March 25, 2013*

**Prepared for Knick Exploration Inc.**

**By: Donald Théberge, Eng., M.B.A.**

**CERTIFICATE OF QUALIFIED PERSON**

I, Donald Théberge, Eng., M.B.A., do hereby certify that:

- a) I am registered under the name Solumines, and my place of business is located at 54 De La Vigie, Lévis, Province of Quebec, G6V 5W2;
- b) I am the qualified person, responsible for the preparation of all the sections of the technical reports entitled "*NI 43-101 Technical Report Pertaining to: Trecesson Property, Abitibi Area, Quebec, Canada. Amos Region, NTS 32D/09, prepared for Knick Exploration Inc.*" dated January 20, 2012, and updated on March 25, 2013
- c) I graduated with a degree in geological engineering from the University du Québec à Chicoutimi in 1978. I obtained a Master of Business Administration (M.B.A.) from Laval University in 1994. I am a member in good standing of the Ordre des Ingénieurs du Québec (No. 32368) and the Professional Engineers of Ontario (licence #100166433). I have worked as a geological engineer since my graduation in 1978. My relevant experience for the Trecesson project was acquired during my years working as a project geologist for Serem (1978-1981), as a senior geologist for Agnico-Eagle (1982-1989) and as a technical inspector for the C.E.I.P. program of Natural Resources Canada (1989-1990), and during the course of many mandates for junior exploration companies;
- d) The author visited the property for the first time on November 17, 2009. Approximately half a day was required to complete the site visit. In the field, the author was accompanied by Gordon Henriksen, geologist, vice president of Knick Exploration and Robert Campbell, geologist, also employed by Knick Exploration. During the visit, random samples were taken by Gordon Henriksen and sent to Laboratoire Expert Inc., of Rouyn-Noranda. Assay results of up to 8.43 g/t Au were obtained.

The second visit on the property occurred on July 11, 2011, and lasted about half a day. The author was accompanied on this visit by Jacques Brunelle and Gordon Henriksen, P.Geol., respectively president and vice president exploration for Knick Exploration Inc. On July 12, the author examined core recently drilled on the property and stored at Knick's office in Val-d'Or.

The last visit occurred on October 3, 2012, and lasted about half a day. At this time the new claims known as Raymor/Mondor and Chib-Kayrand were inspected. The stripped areas were observed. No samples were taken.

- e) I am responsible for all the sections of the technical report;
- f) I am independent of the issuer in accordance with Section 1.5 of NI 43-101;
- g) I have read the definition of “qualified person” set out in Regulation 43-101 respecting standards of disclosure for mineral project and certify that by reason of my education, affiliation with a professional association (as defined in Regulation 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of Regulation 43-101;
- h) I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that Instrument and Form;
- i) As of March 25, 2013 to the best of my knowledge, information and belief, the Technical Report contained all the scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Dated this March 25, 2013,

*Donald Th  berge*



Donald Th  berge, Eng., M.B.A.

**TABLE OF CONTENTS**

<b>CERTIFICATE OF QUALIFIED PERSON .....</b>	<b>2</b>
<b>ILLUSTRATIONS .....</b>	<b>7</b>
<b>1.0) SUMMARY.....</b>	<b>9</b>
<b>2.0) INTRODUCTION.....</b>	<b>20</b>
2.1) RECIPIENT.....	20
2.2) TERMS OF REFERENCE .....	20
2.3) SOURCE OF DATA AND INFORMATION.....	20
2.4) SCOPE OF THE PERSONAL INSPECTION BY THE QUALIFIED PERSON.....	20
2.5) UNITS USED IN THIS REPORT .....	21
<b>3.0) RELIANCE ON OTHER EXPERTS.....</b>	<b>21</b>
<b>4.0) PROPERTY DESCRIPTION AND LOCATION.....</b>	<b>21</b>
4.1) AREA.....	21
4.2) LOCATION .....	21
4.3) TYPE OF MINERAL TENURE.....	23
4.4) NATURE AND EXTENT OF THE ISSUER'S TITLES .....	23
4.5) PROPERTY BOUNDARIES .....	23
4.6) ROYALTIES.....	25
4.7) ENVIRONMENTAL LIABILITIES .....	25
4.8) REQUIRED PERMITS.....	25
<b>5.0) PHYSIOGRAPHY, ACCESSIBILITY, INFRASTRUCTURE AND CLIMATE.....</b>	<b>25</b>
5.1) TOPOGRAPHY, ELEVATION, VEGETATION AND DRAINAGE.....	25
5.2) ACCESSIBILITY.....	26
5.3) INFRASTRUCTURE.....	26
5.4) CLIMATE.....	26
<b>6.0) HISTORY .....</b>	<b>27</b>
6.1) WORK DONE BY THE MRNFQ.....	27
6.2) WORK DONE BY MINING COMPANIES .....	28
6.2.1) <i>On the Cossette Vein</i> .....	28
6.2.2) <i>Spirit Lake Gold Vein System</i> .....	32
6.2.3) <i>Chib-Kayrand Gold Vein System</i> .....	33
6.2.4) <i>On Mallich Sulphide Zone</i> .....	35



6.2.5) Raymor/Mondor Sulphide Zone.....	36
6.2.6) On the Remaining Parts of the Property, outside the previously described areas.....	37
<b>7.0) GEOLOGICAL SETTING AND MINERALIZATION .....</b>	<b>54</b>
7.1) GENERAL GEOLOGY .....	54
7.2) REGIONAL GEOLOGY .....	55
7.3) PROPERTY GEOLOGY .....	56
7.4) SIGNIFICANT MINERALIZED ZONES .....	58
<b>8.0) DEPOSIT TYPES .....</b>	<b>66</b>
<b>9.0) EXPLORATION.....</b>	<b>67</b>
9.1) PROSPECTION.....	67
9.1.1) On Spirit Lake.....	67
9.1.2) On Chib-Kayrand.....	68
9.2) HISTORICAL DRILL CORE ACQUISITION .....	68
9.3) PETROGRAPHIC STUDY.....	69
<b>10.0) DRILLING .....</b>	<b>70</b>
<b>11.0) SAMPLE PREPARATION, ANALYSIS AND SECURITY .....</b>	<b>78</b>
11.1) HISTORICAL WORK.....	78
11.2) WORK BY KNICK .....	78
11.2.1) Drilling.....	78
11.2.2) Surface sampling (Spirit Lake Gold Area) .....	80
<b>12.0) DATA VERIFICATION.....</b>	<b>85</b>
<b>13.0) MINERAL PROCESSING AND METALLURGICAL TESTING .....</b>	<b>85</b>
<b>14.0) MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES .....</b>	<b>85</b>
<b>15 TO 22.....</b>	<b>85</b>
<b>23.0) ADJACENT PROPERTIES.....</b>	<b>86</b>
<b>24.0) OTHER RELEVANT DATA AND INFORMATION.....</b>	<b>86</b>
<b>25.0) INTERPRETATION AND CONCLUSIONS .....</b>	<b>86</b>
<b>26.0) RECOMMENDATIONS .....</b>	<b>89</b>
<b>27.0) REFERENCES.....</b>	<b>94</b>
27.1) MRNFQ REPORTS .....	94

27.2) ASSESSMENT REPORTS .....	96
27.3) GEOSCIENTIFIC PAPERS.....	105

### **List of Tables**

<i>Table 1: Agreements.....</i>	23
<i>Table 2: History.....</i>	38
<i>Table 3: Compilation of Historical Drilling.....</i>	44
<i>Table 4: Cossette Vein, significant drill intercepts with true widths.....</i>	59
<i>Table 5: Best Results, Spirit Lake Gold Area 2011 Sampling.....</i>	67
<i>Table 6: Best results Chib-Kayrand area 2012 sampling.....</i>	68
<i>Table 7: Historical Drill Holes Acquired from Radisson.....</i>	69
<i>Table 8: Holes Drilled by Knick: Technical parameters and Best Results.....</i>	72
<i>Table 9: Trecesson Re-Assays .....</i>	81
<i>Table 10: Metallic Sieve Final Weighted Assay Results Influenced by the Coarse Fraction</i>	83
<i>Table 11: Spirit Lake Gold Area, Re-assays .....</i>	84

### **List of Figures**

<i>Figure 1: Location Map .....</i>	22
<i>Figure 2: Property Location and Claims Map.....</i>	24
<i>Figure 3: EM Input airborne survey.....</i>	29
<i>Figure 4: Historical Drilling.....</i>	53
<i>Figure 5: General Geology.....</i>	54
<i>Figure 6: Regional Geology, Volcanics.....</i>	55
<i>Figure 7: Regional Geology, Intrusives.....</i>	56
<i>Figure 8: Property Geology.....</i>	57
<i>Figure 9: Cossette vein .....</i>	59
<i>Figure 10: Spirit Lake area, gold zones.....</i>	61
<i>Figure 11: Chib-Kayrand Area, Surface Map .....</i>	64
<i>Figure 12: Depth of Formation.....</i>	66
<i>Figure 13: Location of Holes Drilled by Knick, North and South Cossette Vein .....</i>	71

### **List of Schedules**

Schedule 1: Description of Claims

**ILLUSTRATIONS**



Raymor/Mondor, partial view of the stripped area



Old drill hole on Raymor/Mondor





Detail of outcrop on Raymor/Mondor



Pile of rejects close to the old shaft on Chib-Kayrand

## **1.0) SUMMARY**

The property is made up of one block of 213 map-designated claims totalling 89.5 km<sup>2</sup>. All these claims are located in NTS<sup>1</sup> 32D/09, and more precisely in the NE part of Trecesson Twp and the NW part of Dalquier Twp. One hundred and ninety four (194) of them are registered in the name of Knick Exploration, five to Géoconseils Jack Stoch Ltée, eight to Globex Mining Enterprises Inc., three to Geoconseils Jack Stoch Ltée (90%) and Globex Mining Enterprises inc (10%), and three to Jean Robert.

The claims will expire from July 18, 2013 to August 17, 2016. Exploration work in the amount of \$232,200 and renewal fees of \$10,521.75 will be required to keep the claims in good standing; accrued work in the amount of \$430,920 is currently registered on the claims.

The property was assembled from cells designated by Knick or acquired under 11 different option contracts for a total consideration of \$99,000 and 3,950,000 common shares of Knick. The claims under these options are subject to a 2% NSR<sup>2</sup>. Knick may buy back 1% of each NSR for an amount of \$1,000,000 at any time, excepted in the case of the options signed with Jean Robert and Robert Lecompte where the first 1% can be bought back for \$500,000 and the second 1% for another \$1,000,000.

To the knowledge of the author, there are no environmental liabilities pertaining to the Trecesson property. The only permit required to resume exploration consists of the usual forestry management permit. Furthermore, as the property is located on farmland, permission should be obtained from the landowners.

The property is located at an average elevation of 305 m above sea level. Overburden thickness varies from 0 to 30 m. The property is easily accessible, being located approximately 13 km from the town of Amos. The road leading to the village of St-Nazaire-de-Berry crosses the west-central part of the property. The eastern part of the property can be accessed by secondary and logging roads that branch off provincial Route 109 connecting Amos to St-Félix-de-Dalquier.

Access costs for geophysical and geological teams and heavy drilling equipment are therefore minimal. There is no mining infrastructure on the property. Exploration and mining services and

---

<sup>1</sup> NTS: National Topographic System

<sup>2</sup> NSR: Net smelter return

equipment can be obtained from Amos, Val-d'Or or Rouyn-Noranda, situated 13, 70 and 106 km from the property, respectively.

During the seventies, the MRNFQ<sup>3</sup> mapped Trecesson and Dalquier Township, including the area covered by the Trecesson property. It also flew an airborne Input EM survey. Several anomalies were located on Raymor/Mondor, Mallich and to the NW of the Cossette areas. In the subsequent years, several EM and magnetic surveys were flown, but as they were aimed at the search for massive sulphides, the area underlain by granite, including the Trecesson intrusive, was not surveyed.

The first exploration work on the Cossette vein dates back to 1925, at which time Étoile d'Or Ltd., had a 20-man crew on site. Subsequent exploration programs were reported from 1946 to 2009 by the following companies: Northcliffe Gold Mines, East Trecesson Gold Mines, Transcona Exploration, Radisson Mining, Armeno Resources and Carat Exploration. It is also worth mentioning that Noranda sampled the vein several times between 1933 and 1938, but never filed a report.

During this period, geophysical and geological surveys and 54 holes totalling 3,652 m were completed, along with stripping, blasting, and grab and channel sampling. The best results were obtained by Noranda Mines around 1938 in channel sampling, with 5.7 g/t Au over 61 m for an average width of 1.43 m on the Cossette North vein. In 1964, Transcona Exploration obtained 8.9 g/t Au over 36.6 m for an average width of 0.83 m, also in channel sampling, but on the Cossette South vein.

The first work on the Spirit Lake area was reported in 1940, with the description of quartz veins. In 1969, a geologist took grab samples on the same veins on behalf of the MRNFQ. The best result was 0.357 oz/t Au and 0.757 oz/t Ag. VLF and Mag surveys were completed in 1971. In 1984-85, Exploration Kekeko did geophysical surveys and drilled seven holes for a total of 574.5 m. The best result was 2.57 g/t Au over 2.4 m.

The first exploration work on Chib-Kayrand area was reported around 1925, with a report describing several quartz veins sampling on the Tremblay claims. Between 1935 and 1937, Nortrac Gold Mines sunk a two-compartment shaft to a depth of 112 feet and drove 1,000 feet of development on the 100-foot level of the #1 vein, and drilled 12,000 feet on surface. Some 2,500 short tons of ore were stockpiled on surface for later processing. Also during 1934 to 1937, surface work by Nortrac Mining Co., and Colonial Gold Mines Ltd., exposed at least 7 gold bearing quartz veins, varying in length

---

<sup>3</sup> MRNFQ: Ministère des Ressources Naturelles et de la Faune du Québec

from 4.8 to 457 m and from 0.3 to 7.9 m in width. The best result was obtained on Gold Star vein with 88 g/t Au across 7.9 m. In 1937 Colonial Gold Mines drilled 2,315 feet in 12 holes on the #9 and #12 veins. Operations were suspended in the same year. During 1939, E. Paré drilled 3 holes (626 feet) on the #12 vein. Between 1940 and 1943, samples of the #9 vein were taken by Kayrand Mining and analyzed for tungsten. Two grab samples returned 2.7 and 27.5% WO<sub>3</sub>. During 1944 and 1945, Kayrand Mining drilled a total of 9,527 feet in 33 holes. In 1951, Quebec Tungsten took a 13,500-pound bulk sample from the #9 vein and sent it to a milling facility in Val-d'Or. The bulk sample returned an average of 0.45% WO<sub>3</sub> and 1.0 g/t Au. Six holes were also drilled in 1951. The best results were 0.13 oz/t Au over 2 feet and 0.245% WO<sub>3</sub> and 0.15% WO<sub>3</sub>, over 2 and 5 feet respectively. Prior to 1956 a system of scheelite and gold bearing veins was uncovered in Range VII. The scheelite vein (1W) is exposed for 254 feet and is up to 6 feet wide, with best WO<sub>3</sub> concentrations of 0.35% to 18.4%, averaging 0.50% WO<sub>3</sub>. From 1983 to 2011, four holes were drilled (679 m), geophysical surveying performed and trenching and sampling completed by Geola, Mon d'Or, Amblin Resources., R. Gervais, Geoconseils Jack Stoch and Globex Mining. The best reported Au results were 1.44, 8.99, and 21.57 g/t in grab samples. In 2011, Knick Exploration prospected the area, sampling old workings in range VI and rediscovered the Scheelite Vein system in range VII. Eight grab samples contained 1.61 to 423.37 g/t Au.

The Mallich sulphide zone was explored sporadically from 1956 to 1986. During this period, various geophysical surveys and 31 drill holes totalling 3,420 m were completed. The results obtained confirmed the presence of a geological setting and alterations usually associated with a volcanogenic massive sulphide deposit. The best results reported were 4.29% Zn over 1.06 m and 1.28% Zn, 0.33% Cu over 15.2 m and finally, 2.36% Cu over 1.03 m.

The Raymor/Mondor sulphide area was explored from 1935 to 2011. Many geophysical surveys were initiated, including a gravity survey with 774 reading stations. This particular survey concluded that the gravity anomalies correlated roughly with the EM anomalies. During this period, 25 holes were drilled for a total of 5,755.5 m. As was the case with Mallich, the relationship of the geologic setting and rock alterations to volcanogenic massive sulphide-type deposits were confirmed. The best values were obtained in 1987, with 0.22 oz/t Au over 0.3 m and 7.16% Zn over 0.3 m in two different holes. Resources of 500,000T grading 5.5 g/t Au have been cited in several reports, but without any more information.

On the remaining parts of the property, the main exploration work occurred from 1980 to 1987, with exploration programs by Lac Minerals, Shell Canada and Inco/Barrick. Shell and Inco/Barrick were mainly looking for base metals, in volcanic rocks surrounding the Trecesson batholith. In 1986 and



1987, drilling by Lac Minerals discovered the St-Nazaire Cu-Ag (0.94% Cu and 5.98 g/t Ag over 20.7 m, including 1.82% Cu and 10.32 g/t Au over 7.6 m and the Reserve-Minerals-Lac Au-Ag occurrence (2.1 g/t and 45.6 g/t Ag over 1 m) GM 44328.

Geologically, the property is located in the Abitibi sub-province, between two major structural features: the Macamic fault and the Chicobi Lake fault. More locally, the property covers the Trecesson intrusive, a biotite-bearing granite and intermediate to felsic volcanites of the Lac Arthur formation that are situated to the north and west of the Trecesson batholith. The latter is bordered to the south by the Amos pluton, which is dioritic in composition. All the rocks of the area are metamorphosed to the greenschist facies.

Two types of deposits may occur on the property. The first consists of quartz-vein gold mineralization associated with brittle-ductile shear zones; this corresponds to the mineralization observed in the Cossette, Spirit Lake and Chib-Kayrand areas. The second is represented by the volcanogenic massive sulphide-type of orebody, similar to the Horne Mine or Mattagami Lake Mine mineralization. This type of deposit usually occurs in the felsic / intermediate volcanic rocks represented on the property by the Lac Arthur formation, which underlies the Mallich and Raymor/Mondor areas.

Up until now, no mineralized zones with estimated tonnage have been discovered on the Trecesson property. However, gold and base metal mineralization has been known of on the Cossette, Spirit Lake, Chib-Kayrand, Mallich and Raymor/Mondor areas. The Cossette vein is divided into two parts, north and south. The Cossette North and South veins have been traced over strike lengths of 300 and 175 m, respectively, by Knick and in historical work. Cossette North and South are separated by a distance of 370 m. The middle part of the vein was not tested in the past as it does not outcrop.

Generally, the Cossette vein is made up of milky quartz, with a thickness varying from 0.3 to 2 m. It is associated with a chlorite-rich shear zone up to 6 m wide. Vein orientation varies from 330° for the north part to between due north and 020° for the south part. Dip varies from 75° to 80° to the east-northeast. The Cossette North zone is usually characterized by hematization, and the south part contains some sphalerite and to a lesser extends chalcopyrite and galena locally. Recent drilling by Knick revealed many values in the order of 2 to 5 g/t Au and peak values of 41.47 g/t Au over 0.73 m (true width) and 95.72 g/t Au and 15.39 g/t Ag over 0.17 m (true width), both in hole TR-11-119 occurring as stacked/parallel veins within the system. Hole TR-11-67 revealed 62.83 g/t Au, 20.8 g/t Ag and 1.7% Pb over 0.32 m (true width). Some other significant results are tabulated below:



## Significant drill intercepts with true widths

Hole #	Vein	From (m)	To (m)	Core width (m)	Au (g/tonne)	True width (m)
TR-11-19	North	8.80	10.0	1.2	10.55	1.03
TR-11-55	South	20.00	23.30	3.30	3.84	2.80
TR-1157	South	5.95	7.55	1.60	9.57	1.22
TR-11-61	South	23.00	26.80	3.80	14.22	3.27
TR-11-73	South	24.10	26.05	1.95	22.69	1.68
TR-11-78	South	6.10	8.25	2.15	9.92	1.50
TR-11-119	South	8.40	9.95	1.55	22.86	1.33

Spirit Lake gold area: This historical mineralized zone is located in the NE part of the property, close to the property boundary. It was previously known as the Jelenich showing. This area drilled by Radisson Mining Resources in 1985 returned up to 2.57 g/t Au over 2.4 m (core length) in Hole TRE-85-8. Re-logging and re-sampling by Knick in 2011, indicated that hole TRE-85-12 contained an average Au value of 3.01 g/t over a core length of 4.1 m (including a 1.99 m section of core assaying 5.13 g/t Au). Also, in 2011, Knick resampled the old trenches and obtained up to 18.21g/t Au in rubble.

On Chib-Kayrand, in 1937, a shaft was sunk, followed by 1,000 feet of lateral development on the #1 vein. The gold-bearing #1 vein was opened over a length of 110 feet and a width of 3.6 feet. Visible gold was reported in many places. Some 2,500 short tons of ore were then stockpiled on surface for later processing. At the same period, several quartz veins were stripped and sampled. In 1951, a 13,500-pound bulk sample was taken from the #9 vein and analyzed for tungsten and gold. It returned 0.45% WO<sub>3</sub> and 1.0 g/t Au.

The Mallich zone is a sulphide zone. The strike of the mineralized zone is generally SE with a dip to the SW. The width of the zone varies from 1 to over 15 m. It is made up of disseminated to semi-massive sulphides, mainly pyrite, pyrrhotite, sphalerite and to a lesser extent chalcopyrite, and gold is present locally. Historical values of up to 1.28% Zn, 0.33% Cu and 0.32 oz/t Ag over 15 m and 18.51 g/t Ag with 1% Cu over 1 m have been obtained.

The Raymor/Mondor sulphide zone is located in the east part of the property. It is made up of intersections of disseminated to semi-massive sulphides mainly consisting of pyrite, pyrrhotite and sphalerite, in a context of intermediate to felsic volcanics. The encasing rocks are also altered in sericite and silicified locally. This zone was drilled over a strike length of 400 m to a maximum depth of 300 m. Values up to 8.54% Zn over 0.6 m and 0.22 oz/t Au over 0.3 m were obtained.

Work done by Knick in 2011 consisted of the drilling of 121 short holes totalling 3,457.7 m on the Cossette north and south veins, prospecting and sampling across the Spirit Lake and Chib-Kayrand gold areas, and the acquisition of the core from 29 holes drilled by Radisson in 1985 and 1986. The 29 holes are located on the Trecesson property. The holes intersecting the Spirit Lake veins were re-logged and re-sampled.

The most significant gold results were obtained in hole TR-11-61 with 14.22 g/t Au over 3.27 m (true width). The highest drill results were obtained in Hole TR-11-119, with 95.72 g/t Au, 15.3 g/t Ag, 1,676 ppm Cu, 885 ppm Zn and 246 ppm Pb over 0.17 m (true width). The next highest value was from Hole TR-11-67, with 62.83 g/t Au, 20.8 g/t Ag, 125 ppm Cu, 228 ppm Zn and 1.7% Pb over 0.32 m (true width). Many gold values over 1 g/t have also been obtained.

Free gold is often observed. When Cu, Zn or Pb values are high, the gold content is usually in the order of several grams, but many high gold values are not associated with high base metals values. There are probably two kinds of gold mineralization, one free and the other associated with base metals (Cu, Zn or Pb). It should be noted that intersection lengths are core lengths unless otherwise stated. The best result from the prospecting on the Spirit Lake Gold Area was 18.21 g/t Au from rubble in an old trench. Prospection on Chib-Kayrand returned a best assay of 420.37 gr/t Au from a sample of trench rubble. No exploration was carried out on the Mallich and Raymor/Mondor areas.

The author confirms that sampling and assaying were done in accordance with industry standards. No breach of security in the sampling or analytical process was observed by the author or reported by Knick or the laboratory. No mineral resource or reserve estimates or mineral processing or metallurgical testing has been done by Knick or previously. Up until now, no significant exploration results from adjacent properties that would have a material impact on the Trecesson property have been reported.

In conclusion, five main mineralized areas have already been discovered on the property: Cossette, Spirit Lake, Chib-Kayrand, Mallich and Raymor/Mondor. The first three are gold-bearing zones and the last two are mainly favourable for sulphide mineralization.

To complete the assessment of the potential of the Cossette vein, a systematic exploration program should be conducted to test the vein at a depth of 75-100 m and the gap between the Cossette North and South veins. Careful sampling and gold assaying by metallic sieve or other representative method should be used, with the insertion of approximately 5 to 8% blanks and standards in the analytical chain.

On Spirit Lake, given the length, width and results obtained to date, we strongly believe that a mapping and prospecting program should be initiated, along with stripping, trenching and, if warranted, diamond drilling.

Even though extensive exploration was conducted on Chib-Kayrand system of veins between 1934 and 1945, few results were reported. Nevertheless, the reports mention that visible gold was often observed along with some spectacular results, and 2,500 short tons of ore were stockpiled on surface, even though no results are indicated. In 1951, a bulk sample processed for tungsten returned 0.45%  $WO_3$ . In conclusion, this area is highly prospective for gold and tungsten and will probably present a strong nugget effect, and should be explored accordingly.

On Mallich, the sulphide mineralization was confirmed by 25 holes totalling 2,370 m. Sericite and/or chlorite alteration is reported in many holes, along with fragmental sections that could be breccia or agglomerate. Values of up to 4.29% Zn over 1.06 m were obtained from Hole M-3, and 1.28% Zn, 0.33% Cu over 15.2 m from Hole M-9. Finally, Hole TRE-85-17 returned 2.36% Cu, 0.126% Zn and 20.5 g/t Ag over 1.03 m. The author is of the opinion that the Mallich sulphide zone shows all the characteristics of a VMS-type deposit and should be explored with that in mind.

On Raymor/Mondor, drilling mainly took place from 1984 to 1986, with 22 holes totalling 5,656 m. The sulphide mineralization is encased in a sequence of dacite/andesite rocks, locally altered in sericite and/or chlorite. The best results obtained were 2.76% Zn over 1.2 m in Hole AR-85-6, 0.22 oz/t Au over 0.3 m in in Hole AM-86-8 and 7.16% Zn over 0.3 m in Hole AM-86-25. As for the Mallich sulphide zone, the author is of the opinion that the Raymor/Mondor sulphide zone shows the characteristics of a VMS-type deposit, and presents an excellent potential for the discovery of a VMS-type deposit.

Recent work done by Knick has confirmed the gold mineralization on Cossette North and South, on the Spirit Lake and Chib-Kayrand areas. No work has been done on Mallich and Raymor/Mondor, other than property visits. A two-phase exploration program is recommended, as described below.

### **Phase I**

Phase I would include a helicopter-borne EM and Mag survey totalling about 650 km of flight lines, to cover the entire property. This survey would provide a general geological picture of the property and precisely delineate the Trecesson batholith. It can also help locate new shear zones in the intrusive if the sulphide content is high enough. To help to localize the most promising zones, it is strongly recommended to proceed with a computerized geological compilation, including all the drill holes,

assays, and the main ground geophysical surveys. Line cutting, geological and geophysical surveys on anomalous zones outlined by the airborne survey and geological compilation are also recommended for Phase I.

On the Cossette North and South veins, the recommendation is to resume exploration with 12,000 m of drilling to define the Cossette vein more at depth and probe the gap between the Cossette North and South veins.

On the Spirit Lake gold system, the recommendation is to proceed with prospecting, mechanical stripping, mapping and sampling to verify the extension of the gold-bearing quartz vein system.

On the Chib-Kayrand gold vein system, as on Spirit Lake, we must first precisely locate and test the extension of the gold- and tungsten-bearing quartz veins, and the recommendation is therefore to carry out prospecting, mechanical stripping, mapping and sampling. Samples should be systematically assayed for gold, silver and  $WO_3$ .

On Mallich and Raymor/Mondor, both fertile areas for massive sulphides, the approach should be adapted to this type of mineralization. The recommendation is to proceed with geological mapping and prospecting. Samples from felsic rocks in surface outcrops and, for Mallich, in Radisson drill core, should be analyzed for litho geochemistry, including:  $SiO_2$ ,  $K_2O$ ,  $Na_2O$ ,  $FeO$ ,  $MgO$ ,  $CaO$ ,  $TiO_2$ ,  $Al_2O_3$ ,  $MnO$ ,  $CO_2$ , and  $P_2O_5$ . The litho geochemistry will allow us to quantify the alteration and see if we are close to a VMS deposit. A Pulse EM (DEEPEM) survey should be done over areas where historical drilling took place, and finally, an in-hole Pulse EM survey should be done in any old casings found.

**Phase II, if warranted by the results of Phase I:**

Phase II would include approximately 1,000 m of drilling on new anomalous zones identified by the airborne and ground surveys, outside the already known mineralized areas.

On the Cossette gold system: 12,000 m of diamond drilling should be done to probe the vein and define resources. On the Spirit Lake gold system, 5,000 m of diamond drilling is recommended to test the veins at depth. On Chib-Kayrand, 15,000 m of drilling is recommended to probe the veins at depth and along strike.

On the Mallich and Raymor/Mondor sulphide areas, if warranted by the Phase I results, 5,000 m of drilling should be done on each zone. Each drill hole should be probed by in-hole Pulse EM to detect the massive sulphide core of the zone if it exists. The budget to complete both phases is as follows:

Trecesson Project-Proposed Budget 2013				
Phase I				
	Quantity	Units	Unit Price	Total
<b>General</b>				
<u>Airborne survey</u>				
EM and Mag helicopterborne survey about 650 km @\$145/km	650	km	145 \$	94 250 \$
Mobilization-demobilization helicopter survey				13 000 \$
<u>Compilation</u>				
Computerized compilation approximately \$50,000				50 000 \$
<u>Geological survey &amp; prospecting</u>				
Planning	8	days	800 \$	6 400 \$
Geologists and assistants, including transportation, room and board etc., for 2 months at \$45,000/month	2	months	45 000 \$	90 000 \$
Assaying	300	samples	32 \$	9 600 \$
<u>Ground surveys</u>				
Line cutting or flagged lines, total field magnetic, electromagnetic and I.P surveys over selected areas defined by the airborne survey and compilation				100 000 \$
Geochemistry-soil sampling (collection, analysis,etc.)	1 500	samples	80 \$	120 000 \$
Report for assessment and NI 43-101 update				10 000 \$
Contingencies 12%				59 190 \$
<b>Total General</b>				<b>552 440 \$</b>
<b>Area 1: Cossette Gold System</b>				
<u>Diamond drilling</u>				
Program preparation	5	days	800 \$	4 000 \$
12,000 m of NQ size drilling at an average price of \$145/m all inclusive	12 000	m	145 \$	1 740 000 \$
Report for assessment and NI 43-101 update				20 000 \$
Contingencies 12%				211 680 \$
<b>Total Cossette Gold System</b>				<b>1 975 680 \$</b>
	Quantity	Units	Unit Price	Total
<b>Area 2: Spirit Lake Gold Vein System</b>				
<u>Prospecting, mechanical stripping, mapping &amp; sampling</u>				
Mechanical shovel + pumps and ancillary equipment, geologist, helper and assays				100 000 \$
Report for assessment and NI 43-101 update				5 000 \$
Contingencies 12%				12 600 \$
<b>Total Spirit Lake Gold Vein System</b>				<b>117 600 \$</b>
<b>Area 3: Chib-Kayrand Gold Vein System</b>				
<u>Prospecting, mechanical stripping, mapping &amp; sampling</u>				
Mechanical shovel + pumps and ancillary equipment, geologist, helper and assays				250 000 \$

Report for assessment and NI 43-101 update				8 000 \$	
Contingencies 12%				30 960 \$	
<b>Total Chib-Kayrand Gold Vein System</b>				<b>288 960 \$</b>	
<b>Area 4: Mallich Base metal Zone</b>					
Line cutting	20	km	500 \$	10 000 \$	
DeepEM survey	15	km	1 300 \$	19 500 \$	
Magnetic survey	20	km	150 \$	3 000 \$	
Geological mapping and prospecting, re-sampling of Radisson drill holes				15 000 \$	
Lithogeochemistry				5 000 \$	
Report for assessment and NI 43-101 update				8 000 \$	
Contingencies 12%				7 260 \$	
<b>Total Mallich Base metal Zone</b>				<b>67 760 \$</b>	
<b>Area 5: Raymor/Mondor Sulphide Zone</b>					
Line cutting	20	km	500 \$	10 000 \$	
DeepEM survey	15	km	1 300 \$	19 500 \$	
Magnetic survey	20	km	150 \$	3 000 \$	
Geological mapping and prospecting, re-sampling historic workings all inclusive	15	days	1 500 \$	22 500 \$	
Lithogeochemistry + soil samples etc				15 000 \$	
Report for assessment and NI 43-101 update				10 000 \$	
Contingencies 12%				9 600 \$	
<b>Total Raymor/Mondor</b>				<b>89 600 \$</b>	
<b>Total Phase I:</b>					<b>3 092 040 \$</b>
<b>Phase II</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Total</b>	
<b>General</b>					
Diamond drilling to verify the anomalies generated at Phase I	3 000	m	145 \$	435 000 \$	
Report for assessment and NI 43-101 update				10 000 \$	
Contingencies 12%				53 400 \$	
<b>Total General</b>				<b>498 400 \$</b>	
	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Total</b>	
<b>Area 1: Cossette Gold System</b>					
<i>Diamond drilling</i>					
Program preparation	5	days	800 \$	4 000 \$	
12,000 m of NQ size drilling at an average price of \$145/m all inclusive	12 000	meters	145 \$	1 740 000 \$	
Report for assessment and NI 43-101 update				20 000 \$	
Contingencies 12%				211 680 \$	
<b>Total Cossette Gold System</b>				<b>1 975 680 \$</b>	
<b>Area 2: Spirit Lake Gold Vein System</b>					
<i>Diamond drilling</i>					
Program preparation	5	days	800 \$	4 000 \$	

5,000 m of NQ size drilling at an average price of \$145/m all inclusive	5 000	meters	145 \$	725 000 \$	
Report for assessment and NI 43-101 update				15 000 \$	
Contingencies 12%				89 280 \$	
<b>Total Spirit Lake Gold Vein System</b>				<b>833 280 \$</b>	
<b>Area 3: Chib-Kayrand Gold Vein System</b>					
<i>Diamond drilling</i>					
Program preparation	5	days	800 \$	4 000 \$	
15,000 m of NQ size drilling at an average price of \$145/m all inclusive	15 000	meters	145 \$	2 175 000 \$	
Report for assessment and NI 43-101 update				20 000 \$	
Contingencies 12%				263 880 \$	
<b>Total Chib-Kayrand Gold Vein System</b>				<b>2 462 880 \$</b>	
<b>Area 4: Mallich Base metal Zone</b>					
<i>Diamond drilling</i>					
Program preparation	5	days	800 \$	4 000 \$	
5,000 m of NQ size drilling at an average price of \$145/m all inclusive	5 000	meters	145 \$	725 000 \$	
Report for assessment and NI 43-101 update				15 000 \$	
Contingencies 12%				89 280 \$	
<b>Total Mallich Base Metal Zone Zone</b>				<b>833 280 \$</b>	
<b>Area 5: Raymor/Mondor Sulfide Zone</b>					
<i>Diamond drilling</i>					
Program preparation	5	days	800 \$	4 000 \$	
5,000 m of NQ size drilling at an average price of \$145/m all inclusive	5 000	meters	145 \$	725 000 \$	
Report for assessment and NI 43-101 update				15 000 \$	
Contingencies 12%				89 280 \$	
<b>Total Raymor/Mondor Sulfide Zone</b>				<b>833 280 \$</b>	
				<b>Total Phase II</b>	<b>7 436 800 \$</b>
				<b>Total Phases I and II</b>	<b>10 528 840 \$</b>

## **2.0) INTRODUCTION**

### **2.1) RECIPIENT**

An NI 43-101 technical report on the Trecesson property has been prepared at the request of Knick Exploration Inc. ("Knick").

### **2.2) TERMS OF REFERENCE**

This report provides a summary of the scientific and technical information concerning the exploration activities, both historical and recent, carried out on the Trecesson property. Knick may use this report for the purpose of raising exploration funds, as requested by the regulatory authorities.

### **2.3) SOURCE OF DATA AND INFORMATION**

This report is based on the documentation provided by Knick and the statutory work filed with the Quebec Ministry of Natural Resources and Wildlife (MRNFQ). A complete and detailed list of the documentation used is given in Item 27.0, "References".

### **2.4) SCOPE OF THE PERSONAL INSPECTION BY THE QUALIFIED PERSON**

The author visited the property for the first time on November 17, 2009. Approximately half a day was required to complete the site visit. In the field, the author was accompanied by Gordon Henriksen, geologist, vice president of Knick Exploration and Robert Campbell, geologist, also employed by Knick Exploration. During the visit, random samples were taken by Gordon Henriksen and sent to Laboratoire Expert Inc. of Rouyn-Noranda. Assay results of up to 8.43 g/t Au were obtained.

The second visit on the property occurred on July 11, 2011, and lasted about half a day. The author was accompanied on this visit by Jacques Brunelle and Gordon Henriksen, P.Geol., respectively president and vice president exploration for Knick Exploration Inc. On July 12, the author examined core recently drilled on the property and stored at Knick's office in Val-d'Or.



The last visit occurred on October 3, 2012, and lasted about half a day. At this time the new claims known as Raymor/Mondor and Chib-Kayrand were inspected. The stripped areas were observed. No samples were taken.

## **2.5) UNITS USED IN THIS REPORT**

Unless otherwise indicated, the units used in this report are in the metric system, amounts are in Canadian dollars, and coordinates are in the UTM system, NAD83, Zone 17. Diamond drill hole coordinates for the holes drilled by Knick were surveyed by Corriveau, J.L and Associates of Val-d'Or, a professional surveyor.

## **3.0) RELIANCE ON OTHER EXPERTS**

The author did not rely on any other experts in the production of this report. Donald Th  berge, Eng., P.Eng., M.B.A., the author of this report, is responsible for all the sections of the technical report.

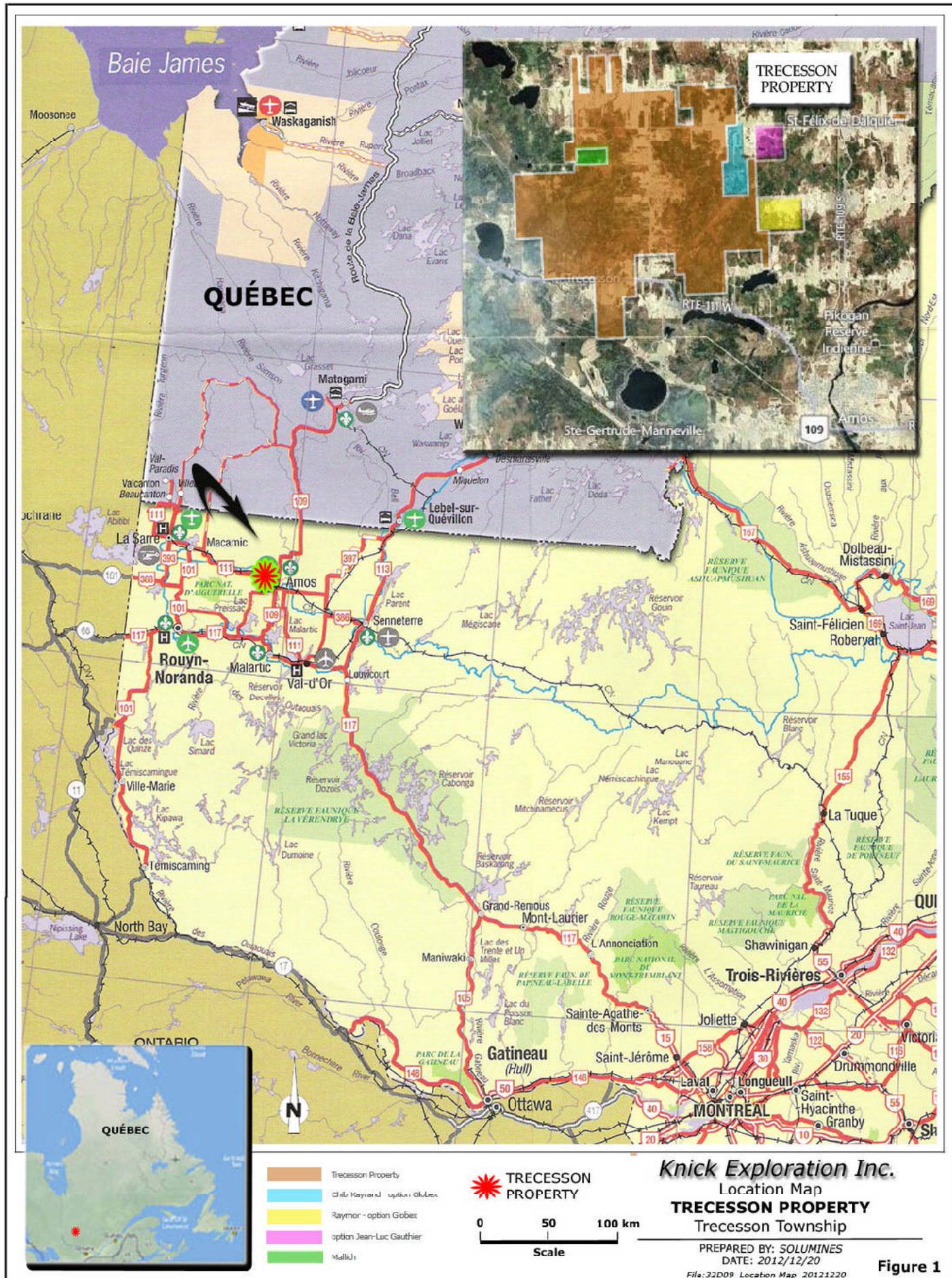
## **4.0) PROPERTY DESCRIPTION AND LOCATION**

### **4.1) AREA**

The property is made up of 213 claims, in one claim block, totalling 8,948.68 ha or 89,5 km<sup>2</sup>.

### **4.2) LOCATION**

The center of the Trecesson property is located approximately 12.5 km by road NNW of the town of Amos, Abitibi, Quebec. Geographically, the property is located in NTS sheet 32D/09 and is centered on UTM coordinates 703,980 E / 5,392,700 N, Zone 17. The property is located in Trecesson and Dalquier townships. The property location is shown in Figure 1, "Location Map".



- Trecesson Property
- Chabreysland option Gobes
- Raymor - option Gobes
- option Jean-Luc Gauthier
- Mallik

**TRECESSON PROPERTY**

0 50 100 km

Scale

**Knick Exploration Inc.**  
 Location Map  
**TRECESSON PROPERTY**  
 Trecesson Township

PREPARED BY: SOLUMINES  
 DATE: 2012/12/20

File: 32D09\_Location Map\_20121220

**Figure 1**



### 4.3) TYPE OF MINERAL TENURE

The Trecesson property is made of one block of 213 map-designated claims, some designated by Knick and others optioned from prospectors. Of these claims, 194 are registered to the name of Knick Exploration, 5 to Géoconseils Jack Stock Ltée., 8 to Globex Mining Enterprises and 3 to Géoconseils Jack Stock Ltée (90%) and Globex Mining Enterprises (10%) and 3 to Jean Robert. The claims will expire from July 18, 2013, to August 17, 2016. Exploration work in the amount of \$232,200 and renewal fees of \$10,522 will be required to keep the claims in good standing. Accrued work in the amount of \$430,921 is presently registered on the claims.

The claims are described in Schedule 1 "Description of Claims ", and illustrated in Figure 2, "Property Location and Claims Map".

### 4.4) NATURE AND EXTENT OF THE ISSUER'S TITLES

The property is made up of 213 claims totalling 898.5 km<sup>2</sup>. The property was assembled by claim designation by Knick, and from 11 different purchase agreements signed between February 2010 and December 2012 for a total consideration of \$99,000 in cash and 3,950,000 common shares of Knick. Each agreement is described in Table 1 below.

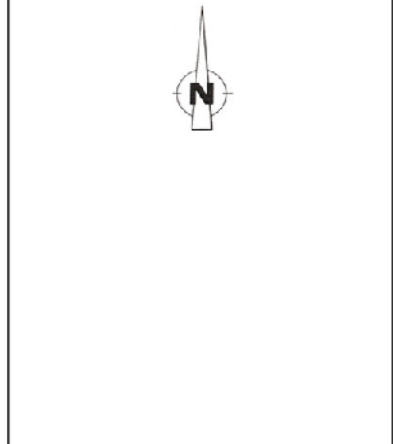
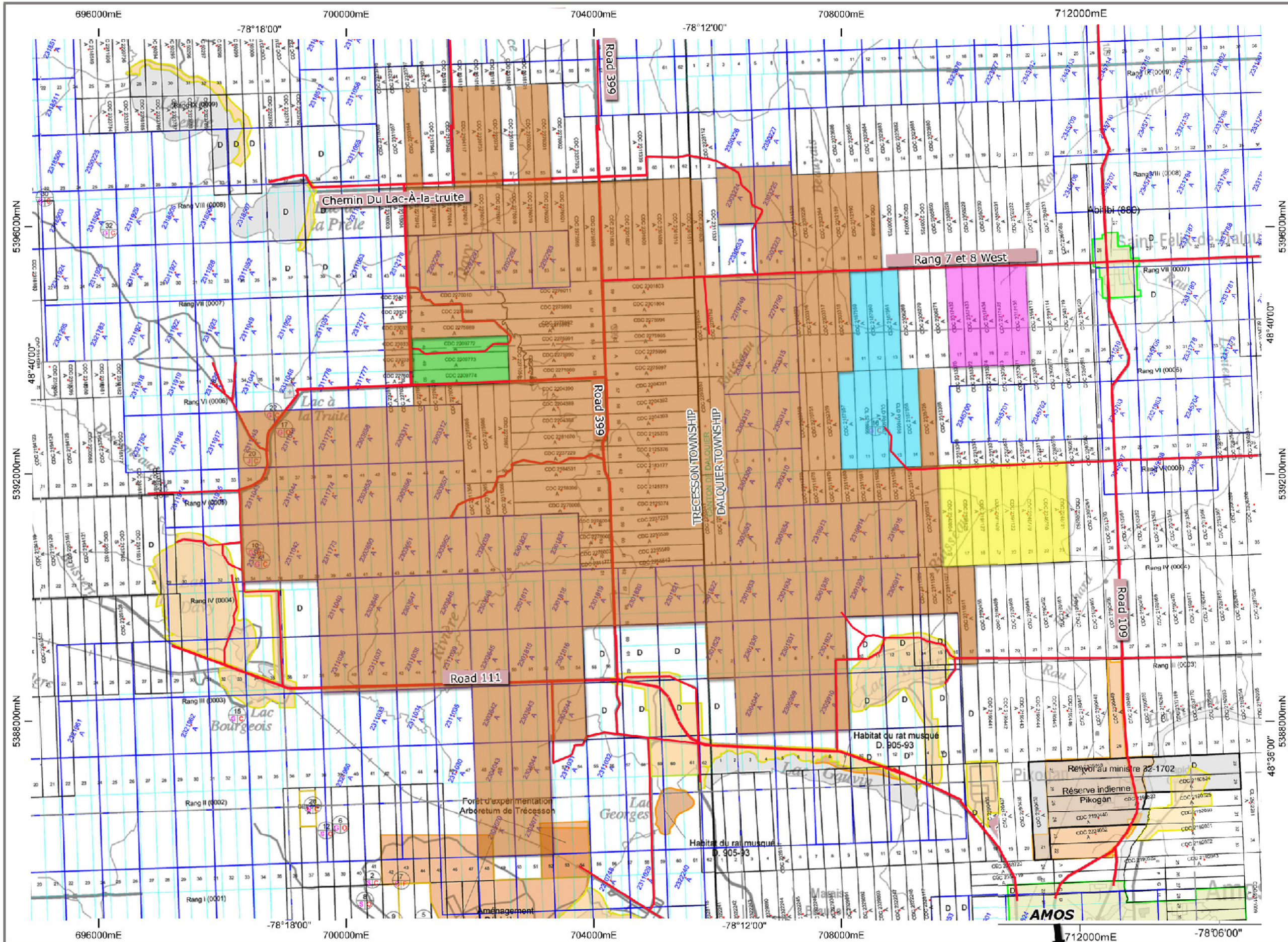
**TABLE 1: AGREEMENTS**

Date	Bought from	\$ Cash	Common shares of Knick	NSR (GMR)
2010-02-12	Explorations Carat	\$15,000	200,000	2%
2011-06-30	Explorations Carat	\$10,000	100,000	2%
2011-05-16	Stéphane Leblanc	\$20,000	50,000	2%
2011-06-10	Laurian Marcotte	\$0	100,000	2%
2011-06-30	Serge Doiron	\$5,000	50,000	2%
2011-06-17	Leblanc Griesbach et al	\$20,000	250,000	2%
2012-09-01	Globex (Raymor)	\$12,500	1,000,000	2%
2012-09-01	Globex (Chib-Kayrand)	\$12,500	1,000,000	2%
2012-11-13	Robert Lecompte	\$4,000	500,000	2%
2012-06-11	Jean-Luc Gauthier	\$0	200,000	2%
2013-01-14	Jean Robert	\$0	500,000	2%
	Total	\$99,000	3,950,000	

### 4.5) PROPERTY BOUNDARIES

The property boundaries have not been surveyed. They are already defined by the NTS coordinates system or lot and range surveying.

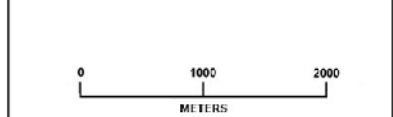




- Trecesson Property
- Chib-Kayrand - option Globex
- Raymor - option Globex
- option Jean-Luc Gauthier
- Mallich

ROADS

Source: **Ressources naturelles et Faune Québec**  
2011/08/26



**Knick Exploration Inc.**

Property location and claims map  
**TRECESSON PROPERTY**  
Trecesson Township

PREPARED BY: SOLUMINES  
DATE: 2012/12/20  
NTS SHEET 32D/09

Figure 2

File: 32D09\_property\_labels\_map\_20121220



#### **4.6) ROYALTIES**

As indicated earlier, the claims bought from prospectors are subject to a 2% NSR. Knick may at any time buy back half of the NSR for an amount of \$1,000,000, except for the NSR held by Robert Lecompte and Jean Robert, where 1% which can be bought back for \$500,000 and the remaining 1% for \$1M. The claims bought from Globex, named Raymor and Chib-Kayrand are subject to a 2% GMR (gross metal royalties); 1% can be bought back by Knick for \$1M.

The claims designated by Knick are free of any royalties.

#### **4.7) ENVIRONMENTAL LIABILITIES**

To the knowledge of the author, there are no environmental liabilities pertaining to the Trecesson property.

#### **4.8) REQUIRED PERMITS**

The only permit that must be requested to pursue exploration work on the property consists of the usual forestry management permit. Furthermore, as the property is located mainly on private farmland, permission should be obtained from the landowners. Knick must also comply with all environmental regulations applicable to the type of work done.

### **5.0) PHYSIOGRAPHY, ACCESSIBILITY, INFRASTRUCTURE AND CLIMATE**

#### **5.1) TOPOGRAPHY, ELEVATION, VEGETATION AND DRAINAGE**

The property shows a relatively flat topography, with a maximum elevation of 15 m between the highest and lowest points. The average elevation is approximately 305 m above sea level. Like much of the area, the property is covered by farmland and a mix of swamp and forest made of spruce, birch and alders. Historical records show that many diamond drill holes have been drilled on the property, mainly in the areas of the Cossette, Spirit Lake, Chib-Kayrand, Mallich and Mondor/Raymor showings. Overburden thickness varies from 0 to 5-10 m, but can be up to 30 m on

the west side of the property (ref hole TD-87-14). Finally, several creeks cross the property, and could provide water for drilling.

## **5.2) ACCESSIBILITY**

The property is easily accessible by paved roads, as follows for the western part: from the western limit of the town of Amos, take provincial Route 111 westward for approximately 9 km, then turn north and follow the road to St-Nazaire-de-Berry for about 3.5 km. This latter road crosses the central part of the Trecesson property in a north-south direction, and runs some 150 m west of the Cossette showing. The eastern part of the property can be accessed via Route 109, which connects the town of Amos to St-Félix-de-Dalquier, and then, about 8 km north of Amos, by private roads going west to access the Raymor and Chib-Kayrand parts of the property.

Access costs are therefore minimal for geophysical and geological teams and heavy equipment like drill rigs as they can be transported by road and downloaded directly onto the property.

Access to the property is illustrated in Figure 2, "Property Location and Claims Map".

## **5.3) INFRASTRUCTURE**

There is no mining infrastructure on the property. However, there is a power line along the road that crosses the center of the property. Services and equipment are available in the town of Amos, located 12 km to the SE. Amos is a medium-size northern town with approximately 14,000 inhabitants. Services and equipment not available in Amos can be obtained from Rouyn-Noranda or Val-d'Or, two mining centres located 106 km to the SW and 70 km to the SSE, respectively.

## **5.4) CLIMATE**

The climate of the property is humid continental. It is characterized by warm summers, mainly in July, cold winters and abundant rain. Daily average temperatures range from +17.1°C in July to -17.3°C in January. Annual precipitation averages 678 mm of rain and 244 cm of snow. These are normal conditions for northwestern Quebec and do not hamper either exploration or mining work.<sup>4</sup>

---

<sup>4</sup>Climate normals for the Amos region, 1961 to 1990. From the Environment Canada website: [http://climate.weatheroffice.gc.ca/climate\\_normals/results\\_1961\\_1990\\_f.html](http://climate.weatheroffice.gc.ca/climate_normals/results_1961_1990_f.html).

## **6.0) HISTORY**

### **6.1) WORK DONE BY THE MRNFQ**

In 1951, W.W. Weber mapped the west part of Dalquier Township, which covers the east part of the property. Doing so, Weber mapped the east part of the Trecesson batholith and the contact of the batholith with volcanic rocks. In 1964, Latulippe and Weber also mapped the east part of Trecesson property, further refining the contact between the Trecesson batholith and country volcanics. From 1962 to 1979, the core from several water wells was logged by the government geologists. However, not much information was obtained, as the holes were drilled vertically, and in most cases were collared in the intrusive. Only barren rock was intersected.

In 1971, an airborne Input and magnetic survey ordered by the MRNFQ was flown by Questor Surveys Ltd. (DP 066). This survey covered the Amos region and included the Trecesson property. The year after, in 1972, D.E. Vogel was employed by the MRNFQ to map the west part of Trecesson township (DP-115), and then the east part in 1973 (DP 199); both reports were integrated into report DP 316 in 1975, and the final report with colour map was produced in 1979 under report #RG 194. Concerning the Trecesson property, Vogel reported that a 159-kg (350-lb) bulk sample taken by Transcona Exploration from a test pit on the Cossette vein returned 7.77 oz/t Au (ref. DP 199).

The Amos area, including the claims that form the property, was flown again in 1980 by Les Relevés Géophysiques Inc. using the Rexhem-1 electromagnetic and magnetic systems. Several EM anomalies were located, mainly in the volcanic rocks in the north part of the property. No anomalies were found in the Trecesson batholith. In 1981, J.P. Lalonde completed a geochemical stream sampling survey over the St-Eugène-de-Chazel and Amos regions; no samples were taken on the property. In 1986, F. Kirouac processed and published the results of a soil survey done by Beaumier in 1978 and 1982. Two samples, numbered 592 and 593, were taken on the property. They returned only background values. In 1995, J.Y. Labbé produced a report entitled "Geology of the Amos Area" that presents the raw data of a mapping program carried out in the Amos area. The results for the Trecesson property were essentially the same as reported by D.E. Vogel in RG 194, produced in 1979.

From 2005 to 2007, three studies were produced on the potential for volcanogenic massive sulphide (VMS) deposits, orogenic gold deposits and porphyry Cu-Au-Mo deposits. It seems that the areas covered by intrusives like granite, granodiorite, etc., were not considered in these studies, and no anomalous zones were located on the property, as the gold-bearing quartz veins are located in felsic

intrusives. In 2008, the GSC,<sup>5</sup> Virginia Gold Mines and Noranda Exploration financed a MEGATEM and magnetic survey that covered the Amos area and the area surrounding the property. Once again, the areas covered by felsic intrusives like granite, etc., were not surveyed. Finally, the year after, in 2009, a magnetic survey was flown by Eon but covered only a small part of the north of the property. Results of the Input survey flown in 1971 are illustrated in Figure 3 on the next page.

## **6.2) WORK DONE BY MINING COMPANIES**

To facilitate the understanding of the property, it had been divided into five (5) zones, mainly based on the mineralization observed. The five zones are named: Cossette Gold System, Spirit Lake Gold Vein System, Chib-Kayrand Gold Vein System, Mallich Sulphide Zone, and Raymor/Mondor Sulphide Zone. For each of them, the most pertinent work is summarized.

### **6.2.1) ON THE COSSETTE VEIN**

The first exploration reported in the vicinity of the Cossette vein is an inspection report by Archambault and Dufresne in 1925, on the claims of Étoile d'Or Ltd. It is reported that a camp to house 20 men had been built in the NW corner of Lot 60, Range 5, Trecesson Township. The main exploration work occurred on Lot 59 and in Range 5 of Trecesson Township. Values of up to 0.68 oz/t Au<sup>6</sup>, 1.55% Cu and 0.95% Pb are reported from a grab sample on claim A-3440, in a quartz vein with chlorite in granite. However, the exact position of claim A-3440 is not indicated.

From 1925 to 1946, no exploration was reported. In 1946, Northcliffe Gold Mines Ltd. report seven diamond drill holes totalling 588 m, with six of them drilled on Lot 62, Range VI, and the last one on Lot 53, Range VI. The best gold value reported was 0.08 oz/t over 3 ft in a quartz vein on Lot 62, Range VI, after the visible gold was removed from the sample. Two plans are included with the drill logs. One of them shows a high-grade gold trench close to the # 1 hole. This plan illustrates a small test pit on this trench, with a core shack, a blacksmith shop and a mine track with a loading bin located close to the highway. It is not stated whether these installations were proposed or already in place. No more exploration was reported by Northcliffe.

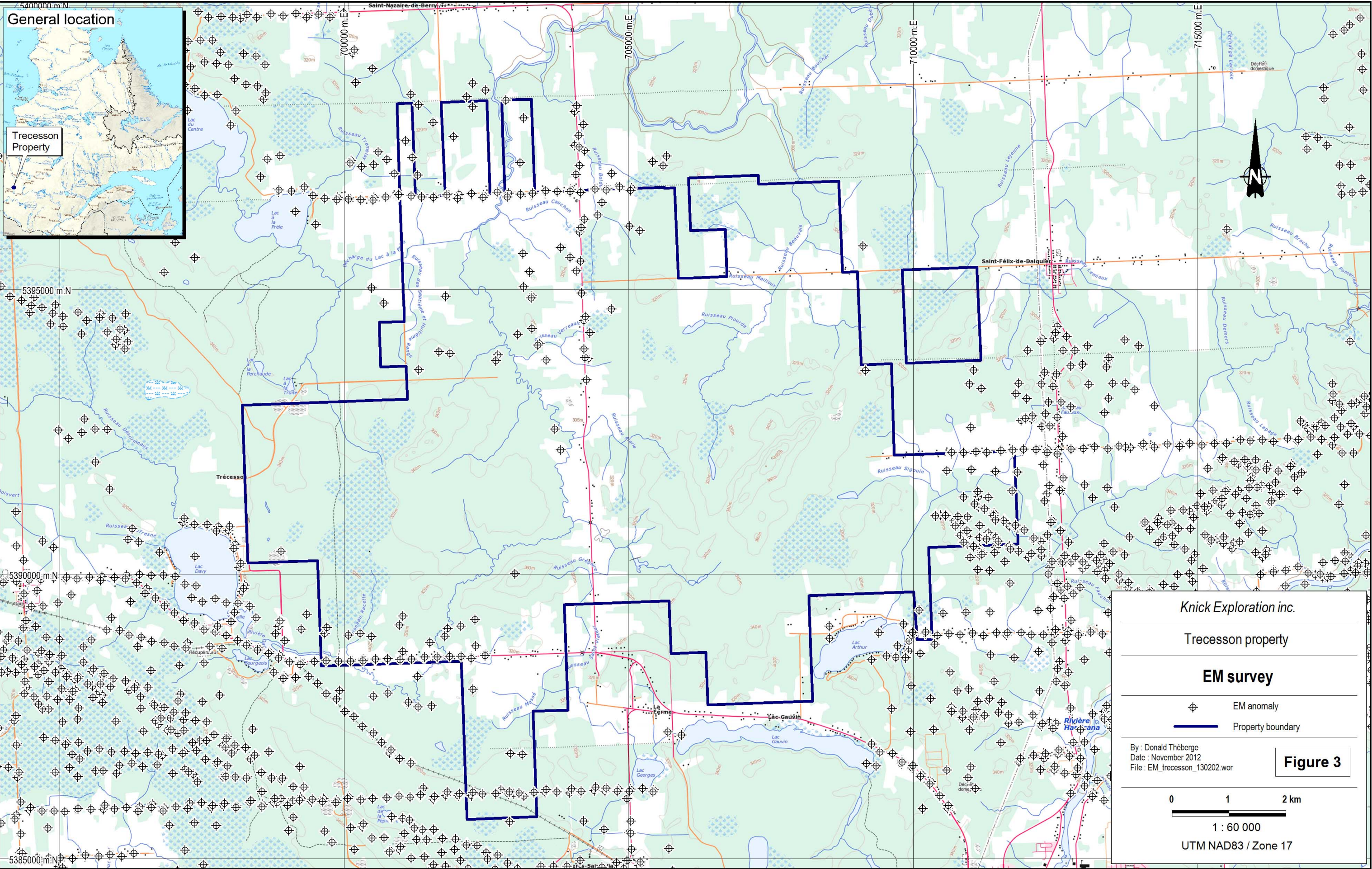
From 1946 to 1952, East Trecesson Gold Mines Ltd. was active on Lot 58, Range V, in Trecesson Twp, approximately 500 ft east of the road. The first work reported consisted of 12 holes drilled during the summer of 1946. Values of up to 1.49 oz/t Au over 0.4 ft in Hole # 1 were obtained. A total of 913 m were drilled.

---

<sup>5</sup> GSC: Geological Survey of Canada

<sup>6</sup> \$13.75/ton in the text. Considering the price of gold at this time, at \$20/oz we obtain a value of 0.68 oz/t Au.





Knick Exploration inc.

Tracesson property

**EM survey**

⊕ EM anomaly

— Property boundary

By : Donald Th  berge  
Date : November 2012  
File : EM\_tracesson\_130202.wor

**Figure 3**

0 1 2 km

1 : 60 000

UTM NAD83 / Zone 17



Unfortunately, no map or location plan was reported, and as a result it is impossible to locate the hole position precisely. In 1947, S.H. Ross gave a description in an assessment report of the quartz vein (Cossette vein) located on Lot 58 Range V, Trecesson Twp. The vein strikes  $020^{\circ}$  with a dip of  $70^{\circ}$  to the E. It was explored by trenches over a length of 220 ft; it varies in width from 0.5 to 3 feet and is mineralized with pyrite and chalcopyrite.

In 1950, L.B. Almond gave a brief description of the Cossette vein. He also reported that the vein was sampled four times by Noranda Mines, from 1933 to 1938; unfortunately, Noranda never reported their exploration work. Recommendations were made to sink a 190-ft shaft with 500 ft of lateral development, with all the vein material sent to the School of Mines in Val-d'Or for processing. Two years later, in 1952, G.H. Dumont suggests in a recommendations report that an adit be dug in the vein, with lateral development and construction of a 25 tons/day mill. From the observations made in the filed documents, it seems that none of these proposals were acted on.

From 1952 to 1964, the property remained dormant. In 1964-65, the property was explored by Transcona Exploration Ltd. In 1964, J.J. Harris reviewed the geology and mineralization of the Cossette vein. At this time, an EM survey was recommended to pick up possible parallel vein structures or breaks. In the summer of 1964, Transcona also drilled seven holes for a total of 292 m. The best gold value obtained was 0.46 oz/t Au over 2 ft in Hole C-3. In 1965, in a letter to Transcona, J.J. Harris recommended that no further work be undertaken on the property.

In 1970, four holes were drilled on the Lambert claims, about 1 km NW of the Trecesson property. Porphyritic rhyolite was intercepted, along with minor sulphide mineralization; unfortunately, no assays are reported. In 1973, Umex completed a magnetic survey on the claims immediately adjacent to the Trecesson property to the N, and an EM survey was then recommended. In 1980, an IP survey was done on the Flamand property, with a dipole-dipole electrode configuration and  $a=25$  m and  $n=1$ . This survey covered the Cossette vein on the Trecesson property. Only one weak chargeability anomaly was discovered.

In 1982, the area was held by A. Bigué. M. Germain visited the property, described the Cossette vein, and reviewed the work done by Northcliffe Gold Mines, East Trecesson and Transcona. Two grab samples taken on the Cossette North vein on Lot 62, Range VI, returned 1.48 oz/t Au and 1.02 oz/t Au, and another taken on the Cossette South vein returned 1.27 oz/t Au. In 1984, Lac Minerals held the claims covering lots 40 to 49 in Range VI, Trecesson Twp, immediately W of the Trecesson property. Magnetic and electromagnetic surveys were completed. Only a very weak EM anomaly was discovered in the center of the claims. In 1983-84, the claims immediately north of the

Trecesson property were held by Réal Morissette. Two lines of VLF surveying were completed and two weak anomalies were found, but no follow-up was reported.

From 1983 to 1986, exploration work was conducted by Kekeko Exploration Inc., which became Radisson Mining Resources Inc. around 1985. During these four years, Kekeko/Radisson did the following work:

1983: Thirty seven (37) km of lines cut on a 100-m spacing and picketed every 25 m, magnetic, VLF,<sup>7</sup> HLEM<sup>8</sup> (MaxMin) and geological surveys on the cut lines, and finally 15 diamond drill holes for a total of 563.25 m. The best gold values were obtained in Hole 83-12, drilled on the north part of the Cossette vein, with 4.3 oz/t Au over 0.5 m from 29.5 to 30 m, and 0.43 oz/t Au over 0.5 m from 30 to 30.5 m.

1984: Construction of a 150-m gravel road to access the Cossette vein; stripping of approximately 500 m<sup>3</sup> of overburden to provide access to the north and south ends of the vein, drilling and blasting of 400 tonnes of rock on the north and south extremity of the vein, and a detailed geological survey of the stripped areas. The north part of the vein returned an average grade of 4.443 g/t Au from 25 samples taken from a 260-tonne pile of ore. On the south part of the vein, an average of 5.94 g/t Au was calculated from six samples taken from an 80-tonne pile of ore. The north part of the vein is mineralized in pyrite, chalcopyrite, galena and sphalerite as lenses and veins of sulphides up to 0.5 m wide. The best grab sample from this zone returned 4.76 oz/t Au, 3.96 oz/t Ag, 13.26% Cu, 11.16% Zn and 10.73% Pb. Channel sampling performed on the vein returned an average of 8.995 g/t Au over an average width of 1.22 m, over a length of 21 m.

1985: In April 1985, a property report was prepared by Descarreaux and Doucet. A three-phase exploration program was proposed, Phase I being 173 km of line cutting to cover the whole property, followed by magnetic, IP and geological surveys. Drilling was suggested in Phases II and III to test geophysical targets. During the same year, part of the recommended geophysical surveying was done, followed by eight holes totalling 936.35 m drilled around the Cossette vein. The best results obtained were in the order of 0.51 g/t Au over 0.19 m.

1986: Presentation report by Beaudry and Gauthier, with recommendations for line cutting, magnetic and deep penetration EM surveys, followed by geology and 4,500 m of diamond drilling. During the same year, a compilation report was completed, along with several holes drilled on range VII, immediately to the NW of the Cossette vein area.

---

<sup>7</sup>VLF: Very low frequency

<sup>8</sup>HLEM: Horizontal loop electromagnetic survey

In 1990, the claims previously held by Radisson were owned by Armeno Resources, which drilled three holes on the Mallich showing followed by in-hole Pulse-EM, to the NW of the Cossette vein. Low Au, Ag, Cu and Zn values were obtained. The in-hole Pulse-EM survey did not show any anomalies. On the Cossette showing, five holes totalling 360 m were drilled to locate possible extensions of the vein. The structure containing the showing was intersected but returned only very low gold values. The last historical work in the vicinity of the Cossette vein occurred in 2009, with geological mapping and sampling by Les Explorations Carat Inc. No anomalous results were obtained.

### **6.2.2) SPIRIT LAKE GOLD VEIN SYSTEM**

The first work on the Spirit Lake Gold Vein System was reported on the Blais claims in 1940. Several quartz veins were described. The best result obtained was 31 g Au/t over 0.3 m. In 1969, M. Van de Walle visited the Jelenich claims on behalf of the MRNFQ. Three mineralized quartz veins were described and sampled, with best results as follows:

Vein # 1: 0.086 oz /t Au, 0.108 oz /t Ag, grab sample;

Vein # 2: 0.36 oz /t Au, 0.171 oz /t Ag, grab sample;

Vein # 3: 0.357 oz /t Au, 0.757 oz /t Ag, grab sample.

The next work was reported in 1971, also on the Jelenich claims, with a VLF-EM ground survey. Later, in 1984, Exploration Kekeko Inc., completed mapping and two test lines with Mag and VLF. In 1985, Radisson Mining Resources (previously known as Exploration Kekeko) drilled eight holes numbered TRE-85-8, 9, 10, 11, 12, 13, 14, and 16, totalling 574.5 m. Holes TRE-85-8, 9, 11 to 14 and 16 intersected Vein # 1 and hole 10 was drilled across Vein # 2. No holes were drilled to test Vein # 3. The drilling results indicate that Vein # 1 is comprised in a system of veins having a strike length of up to 500 m. The best values obtained were as follow:

Hole TRE-85-8: 2.57 g/t Au over 2.4 m;

Hole TRE-85-10: 1.37 g/t Au over 0.91 m;

Hole TRE-85-12: 1.40 g/t Au over 3.19 m (including 2.4 g/t Au over 1.28 m).

The 1985 holes were re-logged and re-sampled by Knick in 2011, with the best Au average assay of 3.01 g/t over 4.1 m (including a section of 1.99 m assaying 5.13 g/t Au), in hole TRE-85-12 drilled across the southwest extension of the Vein # 1.

Knick Exploration prospected the Spirit Lake gold vein system in 2011 exposing Veins # 1, 2 and 3, in old workings along lengths of 50, 150 and 100 m, respectively and up to widths of 4 m. Most of

the old workings were water filled. Best Au assay results obtained were 3.6 g/t (Vein # 2), 5.07 g/t (near Vein # 2), 9.5 g/t (near Vein # 2) and 18.21 g/t (Vein # 3), in grab samples collected from outcrop in trenches/pits and from trench/pit rubble.

### **6.2.3) CHIB-KAYRAND GOLD VEIN SYSTEM**

The first work reported on the Chib-Kayrand was by A. Trembley in 1925 in sampling 13 veins in the south half of lot 12 Range VI. In 1934, Nortrac Mining produced a report describing several quartz veins containing free gold in lots 12 and 13 Range VI. In 1935, another Nortrac report stated that a 45° inclined shaft was sunk to a depth of 95 feet, with 50 feet of crosscuts north and south on the #1 Vein. In 1937, also on the #1 vein, a two-compartment shaft was sunk to a depth of 112 feet with 1,000 feet of drifting and crosscutting on the 100 feet level. At the 100 level, an inferred ore shoot of 2,750 tons grading 0.3 oz/t was evaluated with the vein being exposed across a true width of 15 feet. A 45 feet length of the vein, at a drift width of 6 feet assayed 0.42 oz/t Au and 0.16 oz/t Au.

Between 1934 and 1937, both Nortrac (lots 12 and 13 Range VI) and Colonial Mines (lots 10 and 11 of Range VI and lots 12 and 13 Range VII) performed drilling and surface work on the Chib-Kayrand gold bearing veins. The surface work exposed 7 major vein systems, including the #1, 6, 7, 9, and 11, the Goyette and the Goldstar. The # 1 vein was exposed for 80 feet across 5.7 feet, averaging 0.32 oz/t Au and containing visible gold. The #9 vein is gold and scheelite bearing and was exposed for a length of 1,500 feet at widths of 4 to 20 feet. The #7 vein was trenched for 200 ft across widths of 1 to 3 ft, containing visible gold and widening at depth. One hundred and fifty feet SW of the #7 vein, the #6 vein was uncovered along 15 ft and across 2.5 ft. The #11 vein was exposed for 150 ft with an average width of 1 ft and assaying 0.26 oz/t Au. The Goyette vein was stripped and exposed over a length of 300 ft at a maximum width of 5 ft. Finally, trenching on the Goldstar Vein exposed the vein over 300 ft, at widths up to 26 ft, with visible gold and a reported Au assay of 2.57 oz/t.

Nortrac completed 12,000 feet of surface drilling in 26 holes between 1934 and 1937. No logs have been found, but the locations of 13 surface holes across the #1 vein were found and visible gold was noted in a drill hole intersecting the Goldstar vein. In 1937 Colonial Mines drilled 2,315 feet in 12 holes on the #9 Vein and on the overburden covered northern extension of the #1 Vein (#12 Vein). Holes 1-8 tested the #9 Vein with the best Au intersection of 0.17 oz/ton over 5 feet or 0.08 oz/ton over 18.5 ft in hole 4 and 0.05 oz/ton across 35 feet in hole 6. No logs of holes 9-12 have been found for the #12 vein drilling. Nortrac and Colonial Mines suspended the operations that same year. In 1938, Nortrac filed only a geological report.

In 1940, three holes were drilled on the Paré claims, in Range VII to test the #12 vein, intersecting the vein across 6 and 8 feet, but no assays results were indicated on the logs. In 1940, Quebec Smelting and Refining combined the properties of Nortrac and Colonial Mines and filed a report describing the previous work. From 1941 to 1947, the claims were held by Kayrand Mining. In 1941 and 1942, during a property visit, several grab samples of the #9 Vein were taken. Two of the samples returned outstanding  $WO_3$  results, with 2.7% and 27.5%. In 1944-1945, Kayrand Mining drilled 33 holes totalling 9,257 feet. Drill hole locations for K-1 to K-11 and K-51 to K-58 and 2 holes on the Goyette Vein were found, but no logs have been recovered. Au values stated for holes K-1, K-2 and K-11 are 0.02 oz/ton over 5 feet, 0.14 oz/ton over 5 feet and 0.13 oz/ton over 3 ft respectively.

In 1951, exploration work was carried out on the old Colonial Mines property by Quebec Tungsten Inc. The #9 Vein was blasted and a little more than 6,000 kg of ore was taken and sent to a milling facility in Val-d'Or as a bulk sample. It returned an average grade of 0.45%  $WO_3$  and 1 g/t Au. During the same year, six holes totalling 542.3 m were drilled. The best results were 0.13 oz Au/t over 0.6 m in Hole W-1 and 0.245%  $WO_3$  in Hole W-6.

In 1955, the Government collected a 200 lb and two 500 lb samples from #9 vein and these samples were processed for tungsten. The samples contained 0.33%, 0.35% and 0.36%  $WO_3$ , respectively.

Prior to 1956, a system of scheelite bearing veins was uncovered in Range VII. These veins are positioned and described in G. Dumont's 1956 reports (GM 04150-A and 04150-B) for Quebec Tungsten and in the 1980 report # DPV-743 by the MRNFQ. Four veins are described 1W (now labeled Scheelite Vein), 2, 3 and 4. The Scheelite Vein (1W) is exposed for 254 feet and is up to 6 ft wide, with best  $WO_3$  concentrations of 0.35 to 18.4%, averaging 0.50%  $WO_3$ . Veins 2 and 3 contain 0.43 to 0.47%  $WO_3$  and vein 4 assayed 0.03 to 0.06 oz/t Au.

In 1965, a new report was filed by Chib-Kayrand Mining, but due to low metal prices at that time, no more exploration work was recommended. In 1983, Golden Rim Resources Inc. produced a qualification report which recommended a \$100,000 work program. Also in 1983, Geola performed magnetic, VLF-electromagnetic and HLEM surveys over various parts of the area and compiled the results. Numerous magnetic and VLF anomalies were outlined and an HLEM anomaly was defined in the northern area.

From 1985 to 2011, geophysical surveying was performed, trenching and sampling completed and 4 holes were drilled. Geophysical surveying included magnetic, VLF-EM, I.P., HLEM. Surveying was

performed by Mon d'Or, R.Gervais, Amblin Resources, Geoconseils Jack Stoch and Globex Mining. The 1986 I.P surveying for Mon d'Or defined 41 (including 16 #1 priority and 7 #2 priority) anomalies in ranges VI and VII while I.P surveying for Geoconseil Jack Stoch across lots 11 to 13 in Range VI, outlined two legitimate and 5 weak or poorly defined anomalies. Also a limited amount of samples (51) were collected by Geoconseils Jack Stoch and Globex Mining and one trench was excavated on the Gold Star Vein. The best reported Au results were 1.44, 8.99 and 21.57 g/t. In 1987, 3 holes totalling 580.1 m were drilled by Mon d'Or, testing two I.P anomalies and the #9 Vein, intersecting sulphides and in 2009 Globex Mining drilled 1 hole for 99 m, intersecting the #1 Vein.

In 2012, Knick Exploration commenced its preliminary prospecting of the area locating 15 quartz veins and collecting 84 samples. Peak results of the grab sample of outcrop and trench rubble from various veins include: 5.66 g/t Au, 7.44 g/t Au, and 51.19 g/t Au from the Scheelite Vein (Vein 1 West); 39.33 g/t Au and 420.37 g/t Au (3.2 kg sample with visible gold) and 172 ppm W from the #9 Vein; 6.27 g/t Au and 14.13 g/t Au from #7 Vein; 0.54 g/t (VG<sup>9</sup>) from #1 Vein; 0.8 g/t Au and 0.91 g/t Au from the Goyette Vein, and 0.29 g/t Au, 0.32 g/t Ag and 1.14% Cu from the copper area, west of the Gold Star Vein.

#### **6.2.4) ON MALLICH SULPHIDE ZONE**

Exploration work on the Mallich sulphide zone occurred from 1976 to 1965. In 1956, G.J.R. Hannah completed geological mapping and described felsic volcanic rocks and a gabbro dyke. Sulphide mineralization in the form of pyrite, pyrrhotite, chalcopyrite and sphalerite was described, but no results are given. Also in 1956, the same author described 19 holes totalling 1,518.9 m. Best results were obtained in Hole M-3 with 4.29% Zn over 1.06 m, Hole M-9 with 1.28% Zn, 0.33% Cu and 0.32 oz Ag/t over 15.2 m., and Hole M-12 with 0.69% Zn and 0.17% Cu over 19.8 m.

In 1965, McIntyre Porcupine Mines Ltd. drilled one short hole totalling 12.6 m. Felsic volcanic rocks were intersected, but no anomalous results were obtained. Exploration work resumed in 1986, with an IP survey by Radisson Mining Resources Inc. that outlined two anomalous zones; five holes numbered TRE-85-15, 17, 18 19 and 20 totalling 714 m were subsequently drilled. The best results were obtained in Hole TRE-85-17 with 2.36% Cu, 0.126% Zn and 20.5 g/t Ag over 1.03 m. Later in the same year, Radisson resumed drilling with six more holes on the Mallich area. The holes were numbered TRE-86-22 to 27 and totalled 1,175.1 m. The best values were obtained from Hole TRE-86-25 with 1.22 g/t Au over 1.27 m, and 1% Cu, 18.5 g/t Ag and 0.34 g/t Au over 1 m.

---

<sup>9</sup> VG : Visible gold

**6.2.5) RAYMOR/MONDOR SULPHIDE ZONE**

The first exploration work reported on the Raymor/Mondor sulphide zone is relatively recent, dating back to 1972, when UMEX completed ground EM and Mag surveys and drilled three holes totalling 115.6 m. Sections of pyrite and pyrrhotite explained the EM conductors.

In 1983, the Raymor/Mondor claims were covered in part by the #5 reserve, where the MRNFQ held the claims. At this time, a geological report on this reserve was completed and five holes totalling 700 m of drilling were recommended but never drilled.

From 1984 to 1985, exploration work was reported by Raymor. A gravity survey including 774 reading stations was completed in 1984. The gravity anomalies obtained correlated roughly with the previously known EM conductors. Here again, five drill holes were recommended. Still in 1984, a geological survey was completed and five holes were drilled for a total of 1,000.3 m. Sequences of dacite and andesite were intersected. Values of up to 3.62% Zn over 0.6 m in Hole AR-84-5 were obtained. Finally, in 1985, Raymor drilled four holes for a total of 483.8 m; the best result was 2.76% Zn over 1.2 m from Hole AR-85-6.

In 1986-1987, exploration work was reported by Mon d'Or Exploration Inc., with an IP survey in 1986. Eight anomalies were discovered. They seemed to be associated with shear zones. In 1987, diamond drilling was done, with 13 holes totalling 4,155.8 m. The best results obtained were 0.22 oz /t Au over 0.3 m in Hole AM-86-8 and 7.16% Zn over 0.3 m in Hole AM-86-25. In 1988, Bourque and Marchand, in reports for Veinor and Robex reported a resource of 500,000 tons @5.5 g/t Au on Raymor/Mondor. Unfortunately, the author and the company at the source of this information are not indicated, and these resources are not mentioned in any other report consulted by the author.

In 1993, Minnova completed a geological survey and compilation in part on the Raymor/Mondor claims. Finally, the last work was reported by Globex Mining in 2011, with MaxMin and Mag surveys, mainly to keep the claims in good standing; three EM conductors were located.



**6.2.6) ON THE REMAINING PARTS OF THE PROPERTY, OUTSIDE THE PREVIOUSLY DESCRIBED AREAS**

From 1980 to 1981, Shell Canada Resources completed EM and Mag surveys in part on the north of the property and one hole was drilled just east of the property, on an anomaly explained by pyrite stringers. From 1984 to 1989, Lac Minerals completed several exploration programs on parts of the Trecesson property. They consisted of helicopter-borne Mag and VLF surveys, with ground IP and 17 holes, many of them located on the property. Two occurrences, the St-Nazaire Cu-Ag and the Reserve-Minerals-Lac Au-Ag occurrences, were discovered by Lac Minerals while drilling geophysical targets in volcanic rocks during 1986-1987. The St-Nazaire Cu-Ag occurrence is located in the NW part of the property. A drill intersection of 0.94% Cu and 5.98 g/t Ag over 20.7 m, including 1.82% Cu and 10.32 g/t Ag over 7.6 m and associated anomalous zinc and lead over 20.7 m intersections has been reported. The Reserve-Minerals-Lac gold-silver occurrence is located 300 m north of the NE boundary of the batholith with a quartz vein within volcanic rocks assaying 2.1 g/t Au and 45.6 g/t Ag over 1 m.

In 1985, Inco/Lac Minerals re-logged holes previously drilled by Lac Minerals and established a database. Two holes were recommended. Two years later, Inco/Barrick Gold drilled one hole immediately north of the property; the best value obtained was 0.46% Cu/1.8 m.

In 1987-1988, Robex Resources completed Mag, VLF and geochemistry surveys about 4 km west of the Raymor/Mondor area. Results were mitigated as many weak anomalies were obtained.

Finally, in 2005, Virginia/Noranda conducted ground verification of the Megatem anomalies. Work was done immediately north of the Trecesson property. Historical work is summarized in Table 2 on next page, and historical drilling is shown in Table 3 at the end of this section and illustrated in Figure 4, "Historical Drilling".

TABLE 2: HISTORY

Year	Company	Exploration	Results
<b><u>Cossette Vein</u></b>			
1925	MRNFQ GM 21663	Inspection report	0.68 oz/ton Au, 1.55% Cu, 0.95% Pb in a grab sample on Lot 59 Range 5 Trecesson Twp?
1946	Claims Myers GM 07176	Report on mining claims	General interest report on the Cossette vein.
1946	Northcliffe Gold Mines GM 07177	7 drill holes totalling 588 m	Best gold value of 0.08 oz/t over 3 ft in hole #4, obtained after the visible gold was taken out of sample.
1946	East Trecesson Gold Mines GM 01584	12 drill holes totalling 913 m	Holes impossible to locate precisely. Best gold value of 1.49 oz/t over 0.4 ft.
1947	East Trecesson Gold Mines GM 21662	Evaluation report	Description of the Cossette vein.
1950	East Trecesson Gold Mines GM 01056	Preliminary report	Recommendations of underground work, with the vein material sent to Val d'Or for processing.
1952	East Trecesson Gold Mines GM 01691	Recommendation report	Underground work recommended along with the construction of a 25 tons/day mill.
1964	Transcona Exploration Ltd. GM 15034	Report on the property	Recommends an EM survey to locate possible parallel structures or breaks.
1964	Transcona Exploration Ltd. GM 15625	7 holes totalling 292 m	Best gold value of 0.46 oz/t Au over 2 ft in hole C-3.
1964	Transcona Exploration Ltd. GM 16060	Letter to the company	Harris recommended no further work or expenses.
1980	Flamand Claims GM 37116	IP survey over the Cossette vein	One weak chargeability anomaly discovered.
1982	Bigué Claims GM 38543	Property visit by M. Germain	3 grab samples returned 1.48, 1.02 and 1.27 oz/t Au.
1983- 1984	Morissette Claims GM 41709	2 VLF lines completed	2 weak anomalies located. No follow-up reported.
1983	Kekeko Explorations GM 41382	37 km of line cutting; Mag, VLF and MaxMin surveys, followed by 15 DDH totalling 563.25 m.	Best gold value of 4.3 oz/t over 0.5 m.
1984	Kekeko Explorations GM 43094	Construction of a 150-m gravel road Stripping of 500m <sup>3</sup> of overburden Drilling and blasting of 400 tonnes of vein material	Average of 4.443 g/t Au from a 260-tonne pile of vein material. Average of 5.94 g/t Au from an 80-tonne pile of vein material.
1986	Radisson Mining Resources GM 43095	Report on IP and resistivity survey	Survey over the Cossette vein.
1990	Armeno Resources GM 49502	5 holes drilled on the Cossette vein extensions	Cossette structure intersected by the holes, but only very low gold values were obtained.
2009	Les Explorations Carat GM 64663	Geological mapping and sampling on the W part of the property.	No anomalous results obtained.
<b><u>Spirit Lake Gold System</u></b>			
1940	Blais Claims GM 21660	Description of mineralized quartz veins	Best result reported of 31 g/t Au over 0.3 m.
1969	MRNFQ GM 28531	Property visit and description of quartz veins	Vein #1: 0.089 oz/t Au ; Vein #2: 0.36 oz/t Au and vein #3: 0.357 oz/t Au all in grab samples.
1984	Kekeko Explorations GM 41972	Mapping and 2 VLF-EM and Mag test lines.	
1985	Radisson Mining Resources GM 43096	7 holes drilled for a total of: 574.5 m.	Best result obtained from hole TRE-85-8 with 2.57 g/t Au over 2.4 m.
<b><u>Chib-Kayrand</u></b>			
1925	Claims Tremblay GM 07905	Alfred Tremblay - S1/2 L12 RV-13 veins sampled	Best #3 vein \$ 0.55 (0.026 oz/ton)
1934 to	Nortrac Gold Mines GM 08070	At least 7 veins trenched, stripped & sampled (# 1, 7, 6, 9 & 11 & Goyette &	#1 Vein: on surface the vein averages 11 g/t (0.32) Au along 24.4 m. (80 ft.) & across 1.7 m.

1937	<p>GM 08071 R.A 1935 GM 08072B GM08072C GM08050 GM08073 RP 116(A) GM08074 GM08069 RP 120(A) GM08079 GM11428 RG 020-III RG 109 Golden Rim Report ET 98-04</p>	<p>Goldstar).</p> <p>12,000 ft. drilled on surface in 26 holes (no logs found) but the locations of holes 1-13 on the # 1 Vein have been delineated.</p> <p>Shaft sinking to 112 ft. &amp; 1000 of drifting &amp; cross-cutting on the 100 ft. level (level 1) on the # 1 Vein.</p>	<p>(5.7 ft.) assayed 0.32 oz/ton Au &amp; contained VG; on level 1: an inferred shoot of 2500 mt. (2,750 tons grades 10.3 g/t (0.3 oz/ton) Au, exposed across a true width of 15 ft. &amp; a 13.7m. (45 ft.) length of vein at a drift width of 1.8 m. (6 ft.) assayed 14.4 &amp; 5.5 g/t (0.42 &amp; 0.16 oz/ton) Au; &amp; 13 holes drilled hit quartz veining &amp; VG.</p> <p>Goldstar Vein: 26 ft. wide &amp; exposed for 300 ft., with Au values up to \$90/ton (2.57 oz/ton); 13 ft. deep pit tested in holes 14 (lost in ob) &amp; 15 (VG observed).</p> <p># 7 Vein: exposed for 61 m. (200 ft.) in length &amp; 0.3 m. (1-3 ft.) in width - VG observed; widens at depth in a 3m. (10 ft.) deep trench; sampling along 24.4 m. (80 ft.) across 0.5 m. (19 in.)</p> <p># 6 Vein: exposed along 4.8 m. (15 ft.) &amp; up to (2.5 ft.) in width.</p> <p># 9 Vein: exposed for 1500 ft. at widths of 4 to 20 ft., containing Au &amp; scheelite.</p> <p># 11 Vein: exposed for 150 ft. averaging 1 ft. In width, assayed \$9 (0.26 oz/ton).</p> <p>Goyette Vein: exposed for 300 ft. at a maximum width of 5 ft., mineralized with pyrite.</p>
1935 to 1937	<p>Colonial Gold Mines Ltd GM 8050 GM08049 GM08067 GM08074 RP 120(A) GM11428 RG 020-III Golden Rim Report ET 98-04</p>	<p>12 trenches &amp; pits excavated on # 9 Vein</p> <p>Drilling 12 holes for 2315 ft. on # 9 &amp; # 12 Veins, logs found for holes 1-8 &amp; locations of 11 of 12holes defined.</p>	<p># 9 Vein: exposed for 1500 ft. at widths of 4 to 20 ft., containing Au &amp; scheelite &amp; a bulk sample assayed 0.84 oz/t Au ; &amp; best Au intersections in drill holes of 0.17 oz over 1.52 m. or 0.08 oz/t over 5.64 m.(hole 4) &amp; 0.05 oz/t over 10.67 m (hole 6).</p> <p># 4 Vein: exposed along 100 ft. up to 4 ft in width.</p>
1940	<p>Paré Claims GM 00355 RP 257 GM04150-B RG 2000-08</p>	<p>Drilled 626 ft. in 3 holes in swampy terrain in the S half of L12 RVII to test the northern extension of the # 1 Vein, logs &amp; locations found, but no assays reported &amp; the map in GM04150 shows locations of 2 holes &amp; Au assay result (Pare?)</p>	<p>#12 Vein: intersected in hole 1 across 6 ft. &amp; in hole 2 across 8 ft.; &amp; intersection of 11.3 g/t (\$10.85) or 0.33 oz/ton) Au indicated on map.</p>
1940	<p>Quebec Mining and Smelting GM08079</p>	<p>Report on the Nortrac &amp; Colonial properties.</p>	<p># 1 Vein: bulk sample assayed \$7 (0.2 oz/ton); high Au assays &amp; VG recovered from 3000 ton dump; &amp; W noted.</p> <p>#9 Vein: in large pit - 2.72% W in a grab sample.</p> <p># 7 Vein: 0.5 to 3 ft. in width, VG &amp; good Au assays reported.</p> <p>Gold Star Vein: tabular mass 40 ft. or more in width &amp; in excess of 1000 ft. along strike, VG found in the southeast part.</p>

1940 to 1943	Kayrand Mining and Development GM 08062 GM 08063 GM24669 GM20730 GM24600 GM16661 GM22202	Property visits & sampling the # 9 Vein for tungsten.	#9 Vein: 36 sq. inches of scheelite exposed in pit, containing between 2.7 to 27.5% WO <sub>3</sub> & a 20 ft. width averaged 0.09% WO <sub>3</sub> ;  Scheelite float found 200 & 400 ft. to the northeast & scheelite detected 1000 ft. to southwest.
1944 to 1945	Kayrand Mining and Development GM 11428 RG 109 GM16359 Golden Rim Report RG 2000-08	Drilled a total of 9527 ft. in 33 holes.	No logs found. Locations of K1 to K11 & K51 to K58 found (K-1 - 5 ft. of 0.02 oz/t Au, K-2 - 5 ft. of 0.14 oz/t Au & K-11 -3 ft. of 0.13 oz/t Au) & possible locations of 6 holes on the # 7 Vein & 2 holes on Goyette Vein (1945) found.
1947	Kayrand Mining and Development RP 257(A)	Magnetic surveying in the south part of RVI, property now held by Quebec Mining & Smelting.	Small anomalies defined.
1951	Quebec Tungsten Ltd North Whitney GM 02050 GM 02899 GM 04150-C	Work on the old Colonial property in L11 – RVI. G. Dumont - tests on the # 9 Vein with 6 holes drilled (W-1 to W-6) & bulk sampling of the vein, the locations of Colonial Mines Ltd. holes drilled in 1937 are shown.	# 9 Vein: main showing is a 20 to 30 ft. wide stringer zone, traced for 700 ft southwest of the main pit & a bulk sample of 13,500 lbs. assayed 0.45% WO <sub>3</sub> (0.1 oz/ton Au equivalent) & 0.03 oz/t Au; drilling indicates big widths of vein material along a proven length of 770 ft. & average vertical depth of 150 - 200 ft. with one hole intersecting the vein at the 300 ft. level; best drill intersections: 0.13 oz/ton Au over 2 ft. (W-1), 0.19 % WO <sub>3</sub> over 3 ft. (W-4), 0.15% WO <sub>3</sub> (W-1), over 10 ft. (W-5) & 0.24% WO <sub>3</sub> over 5 ft. (W-6).
1955	MRNF GM03650 GM04150-C	Government sampling of # 9 Vein (200 & 500 lb. samples) & processing of tungsten.	# 9 Vein: a 200 lb. sample contained 0.33% WO <sub>3</sub> & two 500 lb samples contained 0.35% & 0.36% WO <sub>3</sub> .
Pre 1956	Quebec Tungsten GM04150-A GM04150-B DPV-743	Map & report showing locations of scheelite bearing veins in L9 & 10-RVII (Knick's Scheelite Vein & 3 veins to the east) & WO <sub>3</sub> assay results outlined.	In L9-RVII Vein 1 West (Scheelite Vein) is 75 m. (245 ft.) long & up to 1.8 m. (6 ft.) wide - WO <sub>3</sub> assays of 6.0, 4.25, 6.89, 4.06, 0.81, 9.32, 0.35 & 18.4%, averaging 0.50% WO <sub>3</sub> reported. In L10-RVII Veins 2 & 3, samples assayed 0.43 & 0.47% WO <sub>3</sub> & Vein 4 contains 1 to 2 g/t (0.03 to 0.06 oz/ton) Au.
1965	Kayrand Mining and Development GM 16359	Geological report	No further work recommended at this point.
1981	J.G. Barrette GM37217	RVI L11 compilation	Shows trenches in area of # 9 Vein.
1983	Golden Rim Resources	Qualifying report by D.L. Wetland on lots 12 & 13 RVI.	Describes past work on Concesson 248, L 12 & 13 Range VI & \$100,000 work program recommended.
1983	MRNF GM40393	Geola - mag, VLF & compilation - lots 6-12 RVII & mag., VLF, HLEM surveying & compilation in the northern parts of lots 12 - 14 RVI.	Numerous mag & VLF anomalies outlined. HLEM anomaly defined in the northern parts of lots 12 - 14 RVI.
1984	Raymor Resources GM41057	Gravity survey lot 13 RVII.	Anomalies outlined.
1985	R. Gervais GM42253	Mapping & mag & VLF surveying in lot 11 RVI.	Anomalies & veins defined.
1987-1988	Mon d'Or Resources GM 45362	IP, mag, & VLF surveying & interpretation. 580 m. drilled in 3 holes (86-1 on SW	Numerous anomalies defined, including 41 I.P anomalies (16 - first priority & 7 – 2 nd priority). No Au values intersected in drilling.

	GM46494 GM46487	ext. of # 9, 86-2 & 3 testing geophysical anomalies).	
1993	Minnova Inc. GM52202	Compilation & small amount of sampling on the north part of L13-14 RVI.	Low assays.
1995	Géocconseils Jack Stoch GM 53612	Sampling old workings in lots 12 & 13, RVI.	51 samples collected: best assays: 21.57 g/t Au (#7 Vein); 8.99 g/t Au (#6 Vein) & 1.44 g/t Au #9 Vein); 55.9 & 57.3 g/t Ag & 1.95 & 1.96% Cu in 2 samples west of north end of the Goldstar Vein
1997	Amblin Resources GM55235	Magnetic surveying in RVI L11-13.	Numerous anomalies on east-west lines
2001	Jack Stoch GM 59025	IP surveying in RVI L11-13.	2 legitimate +5 weak anomalies discovered
2003	Bawolac GM61308	Prospecting, magnetic surveying & geology on L8-12, RVII & L8-10, RVI.	Anomalies delineated & outcrop mapped
2005 to 2011	Globex Mining Enterprises and Geoconseils Jack Stoch GM64780 GM62085 GM65973	1 trench excavated & channel sampling on the south part of the Gold Star Vein. 1 ddh (DA-09-01) for 99 m. in L13, RVI. Magnetic & HLEM surveying in northern parts L13 & 14, RVI and south parts of L13 & 14, RVII.	Goldstar Vein: best Au result - 0.018 g/t in trench # 1 Vein: intersected in drill hole with low Au. magnetic anomalies defined no HLEM anomalies
<b><u>Mallich Sulphide Zone</u></b>			
1956	Mallich Option GM 03994A	Geological report	Some rhyolite and flow breccia. Minor sulphides.
1956	Mallich showing GM 03994B	19 DDH totalling 1,518.8 m.	Hole M-3: 4.29% Zn over 1.06 m. Hole M-9: 1.28% Zn, 0.33% Cu, 0.32 oz/t Ag over 15.2 m Hole M-12: 0.69% Zn, 0.17% Cu over 19.8 m.
1965	Mallich showing GM 16787	1 DDH totalling 137.5 m	Rhyolite intersected. No anomalous results.
1967	Claims Mallich GM 21190	1 plan of surface work.	
1985	Radisson Mining Resources, GM 43096	5 holes totalling 714 m.	TRE-85-17: 2.36% Cu, 0.126% Zn, 20.5 g/t Ag over 1.03 m.
1986	Radisson Mining Resources, GM 45428	Compilation report with drilling in Range VII just to the NW of the current Trecesson property.	Best values obtained: 0.17 g/t Au, 18.51 g/t Ag, 1% Cu over 1 m in hole 86-25, drilled on Lot 47, Range VII
<b><u>Raymor/Mondor</u></b>			
1948	Kayrand Mining and Development	Magnetic and resistivity over the sulphide zone	
1972	UMEX GM 28262	Ground EM and Mag, with 3 ddh totalling 115.6 m.	EM conductors explained by intersections of pyrite and pyrrhotite.
1983	MRNFQ GM 40412	Report on #5 reserve.	700 m (5 ddh) recommended but not executed.
1984	Raymor Resources GM 41195	Mag and EM surveys	One VLF anomaly located. IP survey recommended.
1984	Raymor Resources GM 40981	774 gravity readings	Gravity anomalies correlate with EM anomalies.
1984	Raymor Resources GM 42037	Geological survey and 5 ddh for 1000.3 m	Up to 2.24% Zn over 0.6 m.
1985	Raymor Resources GM 43335	4 holes for a total of 483.8 m.	Up to 8.54% Zn over 0.6 m
1987	Mon d'Or Exploration GM 45361, 45362	IP survey discovered 6 anomalies	Anomalies usually associated with shear zones
1987	Mon d'Or Exploration GM 45377	1 ddh, AM 86-32 totalling 323.8 m	1.5% Zn over 0.3 m
1987	Mon d'Or Exploration GM 46495	12 ddh for 3843 m	Best values of: 0.22 oz/t Au over 0.3 m in hole AM-86-8 and 7.16% Zn over 0.3 m in hole AM-86-25
1988	Mon D'Or Exploration GM 46487	Mag VLF and IP over a small part of the east of the property	

1993	Minnova Inc. GM 52202	Compilation and cartography report	In part on Raymor/Mondor
2011	Globex Mining GM 65843	MaxMin II and Mag	Identification of 3 EM conductors.
<b><u>Other Zones</u></b>			
1956	Western Copperada Mining Corp. GM 04831	Preliminary geological report	Covers the SE part of the property.
1968	MRNFQ GM 21663	1 DDH (well for water) 100 ft deep	No assays. Hole cut andesitic lavas.
1970	Claims Lambert GM 26433	4 holes drilled 1 km to the NW of the property	Rhyolite and minor sulphides intersected. No assays reported.
1973	Canex Placer GM 29014	Reconnaissance EM and Mag just N of the property.	Only one weak EM anomaly obtained. No further work recommended.
1973	Umex Ltd GM 28641	Magnetic survey	Survey done on the claims adjacent to the N of the Trecesson property.
1975	MRNFQ GM 31446	1 DDH totalling 145 ft (drilled for water)	Hole cut basaltic lavas. 2 samples taken, no anomalous results obtained. In the NW part of the property
1979	Shell Canada Resources GM 36197	EM, Mag and IP surveys just E of the Trecesson property.	Identification of 3 anomalous zones, drill holes recommended.
1979 1980	Shell Canada Resources GM 36198+38966	8 holes for 1,241.5 m just to east of the north part of the property.	Up to 9.7% Zn and 1.65% Pb over 1.04 m
1980	Shell Canada Resources GM 36810	EM and Mag survey in part on the north of the property.	Discovery of an EM anomaly just N of the property.
1980	Shell Canada Resources GM 39042	Report	No anomalous results reported. Located just E of the property.
1981	Shell Canada Resources GM 38967	1 DDH totalling 99 m	Hole cut mafic lavas and sediments. Anomaly explained by py stringers. Just E of the property.
1984	Lac Minerals GM 41672	Mag and EM (MaxMin) surveys	One very weak anomaly discovered in the center of the claims.
1984	Lac Minerals GM 41022	Evaluation report	Covers most of the property.
1984	Lac Minerals GM 41325	Lithogeochemical study (Au in ppb)	No really anomalous zones on the property
1984	Lac Minerals GM 41560+41668	Mag and VLF surveys, in part on the east part of the property.	IP survey recommended to distinguish the anomalies.
1984	Lac Minerals GM 41774	Geological report	On the N and E part of the property.
1984	Lac Minerals GM 41775	Geological report	Just north of the Trecesson property.
1984	Exploration Kekeko GM 41972	Mag and VLF surveys on the north part of the property	
1984	Raymor, Placements Appalache GM 41937	11 ddh totalling 1,987.2 m. Just east of the north part of the property.	Up to 2.83% Zn over 1.09 m.
1985	Kekeko Explorations GM 43093	Report west-center part of the property	Recommendations for 173 km of line cutting, with Mag, IP and geological surveys, with drilling to test the new targets.
1985	Ressources Minières Radisson GM 43097	Mag and VLF surveys	Mostly on the Knick property
1985	Lac Minerals GM 42347	Preliminary geological report	Mapping of a rhyolite with weak anomalous gold values, on the W part of the property.
1985	Lac Minerals GM 42494	IP survey on the north part of the property.	Seven good quality anomalies obtained.
1985	Lac Minerals	Geological report	Geological mapping on the W part of the

	GM 42940		property.
1986	Lac Minerals GM 44328	Diamond drilling with two holes on the property.	Weak gold values obtained.
1986	Radisson Mining Resources Inc., GM 44649	Presentation report, covers the center of the property.	Recommendations for line cutting, magnetic and deep penetrating EM surveys, followed by geology and 4,500 m of DDH.
1987	Ressources Robex GM 46453	VLF survey 4 km west of Raymor/Mondor	23 weak conductive zones discovered.
1988	Lac Minerals GM 46725	15 drill holes totalling 1,783 m	Some of them on the property.
1988	Ressources Robex GM 47762	Mag, VLF, geology and geochemistry	On the E part of the property.
1989	Lac Minerals Ltd GM 49342	Helicopter-borne Mag and VLF surveys	Work completed in part on center and south part of the Trecesson property.
1994	Inco/Lac Minerals GM 52676	Re-logging and establishment of a database.	Two holes recommended.
1996	Inco/Barrick Gold GM 54322	1 DDH immediately N of the property	Best value of 0.46% Cu/1.8 m.
2000	Descarreux, J., GM 60217	12 samples taken on and/or close to the property.	Samples not really altered.
2003	Thérèse Bawolac GM 61308	Work report	On the E part of the property, supplementary line cutting and IP recommended.
2005	Virginia, Noranda GM 61664	Ground verification of Megatem anomalies. Mag and down-hole Pulse EM surveys	Work completed immediately north of the Trecesson property.

**Table 3: Historical Drilling**

**Historical diamond drilling completed on the Cossette vein area**

UTM coordinates zone 17

Year	Company	GM #	Hole #	UTM E	UTM N	Az	Dip	Overburden depth (m)	Length (m)	Remarks
1937	Kongor Mines	8067	1	?	?	?	?	?	10,40	?
1937	Kongor Mines	8067	2	708 531	5 393 298	90	-65	?	89,30	Traces Au.
1937	Kongor Mines	8067	3	?	?	?	?	?	33	0,03 ozT Au over ?
1937	Kongor Mines	8067	4	708 555	5 393 296	360	-90	?	63,70	0,08 oz T Au over 5 m.
1937	Kongor Mines	8067	5	708 588	5 393 298	360	-90	?	92,70	0,03 ozT Au over 1,2 m. Qtz stringers, porphyry, dike.
1937	Kongor Mines	8067	6	708 556	5 393 249	360	-90	?	62,80	0,07 oz Au T over 10,7 m, in a porphyry with qtz stringers.
1937	Kongor Mines	8067	7	708 559	5 393 222	360	-90	?	62,50	0,03 oz Au T over 9 m.
1937	Kongor Mines	8067	8	708 502	5 393 134	360	-90	?	76,20	0,05 oz Au T over 1,5 m.
1940	Claims Paré	355	1	?	?	230	-60	6,7	45,70	No assay results indicated
1940	Claims Paré	355	2	?	?	230	-55	3,7	53,30	No assay results indicated
1940	Claims Paré	355	3	?	?	235	-58	12,2	91,80	No assay results indicated
1946	Northcliffe Gold Mines	7177	1	704 920	5 392 093	64	-45	3,05	78,66	Granite with several small quartz stringers. No gold values reported.
1946	Northcliffe Gold Mines	7177	2	704 383	5 392 049	249	-45	1,83	46,65	Many small quartz veins in pink granite. Best gold value of 0.03oz/t Au over 2.11' (calculated with gold at \$35/oz.
1946	Northcliffe Gold Mines	7177	3	704 416	5 392 069	249	-45	3,96	107,93	Pink granite sometimes silicified with several quartz veins. Best gold value of 0.02 oz/t over 1.4'
1946	Northcliffe Gold Mines	7177	4	704 404	5 392 027	249	-45	3,66	61,59	Pink granite cut by quartz veins. Visible gold from 166.9' to 169.9', with some cp, and very fine py and 2" of massive red hematite. Best gold value of 0.08 oz/t over 3' after visible gold taken out of sample.
1946	Northcliffe Gold Mines	7177	5	704 434	5 392 002	244	-45	5,49	84,45	Some quartz veining in granite. Best gold value of 0.032 oz/t Au over 1.6'.
1946	Northcliffe Gold Mines	7177	6	704 464	5 391 947	242	-45	5,49	111,28	Several small quartz veins in pink granite. Best gold value of 0.017 oz/t over 1.1'.
1946	Northcliffe Gold Mines	7177	7	704 186	5 392 644	360	-55	16,46	97,41	Red granite, no mineralization. This hole was drilled more to the NW, on the actual Trecesson property, at the boundary of lots 53-54 range VI, in the east part.
1946	East Trecesson Gold Mines	1584	1	?	?	284	-45	2,13	38,72	Drilled on lot 58 Rg V? Best gold value of 1.49 oz/t over 0.4' in quartz with visible gold.
1946	East Trecesson Gold Mines	1584	2	?	?	284	-62,5	1,52	49,70	Several small quartz veins intercepted. No gold values reported.
1946	East Trecesson Gold Mines	1584	3	?	?	284	-45	2,74	37,50	Best gold values of 0.105 oz/t over 0.5', 0.65 oz/t over 1' and 0.115 oz/t over 0.5'.
1946	East Trecesson Gold Mines	1584	4	?	?	284	-63	3,35	48,48	Best gold value of 0.175 oz/t over 1.5'.
1946	East Trecesson Gold Mines	1584	5	?	?	282	-45	2,44	97,87	Very low gold values reported in the log. In GM 1056 0.115 oz/t Au over 5.6' is reported.
1946	East Trecesson Gold Mines	1584	E-6	?	?	282	-65	2,44	100,61	No gold values reported in the log. In GM 1056, 0.105 oz/t Au is reported over 5.6'.
1946	East Trecesson Gold Mines	1584	E-7	?	?	282	-80	2,44	110,98	No gold values reported.
1946	East Trecesson Gold Mines	1584	E-8	?	?	309	-45	1,83	50,61	No gold values reported in the log. In GM 1056, 0.115 oz/t Au is reported over 2.5'.
1946	East Trecesson Gold Mines	1584	E-9	?	?	?	-45	1,83	56,40	No gold values reported on the log.
1946	East Trecesson Gold Mines	1584	E-10	?	?	274	-45	10,67	79,88	Very low gold values obtained.
1946	East Trecesson Gold Mines	1584	E-11	?	?	274	-67	10,67	140,85	No gold values obtained.
1946	East Trecesson Gold Mines	1584	E-12	?	?	283	-45	1,52	101,22	No gold values obtained.
1951	Quebec Tungsten Ltd.	04150-A	W-1	708 498	5 393 483	145	-45	?	?	0,13 oz Au T/0,6 m from 89 to 89,6 m.



**Table 3: Historical Drilling**

UTM coordinates zone 17										
Year	Company	GM #	Hole #	UTM E	UTM N	Az	Dip	Overburden depth (m)	Length (m)	Remarks
1951	Quebec Tungsten Ltd.	04150-A	W-2	708 459	5 393 530	145	-45	?	?	One gold value of 0,03 oz Au T over 0,6 m reported.
1951	Quebec Tungsten Ltd.	04150-A	W-3	708 527	5 393 316	325	-45	?	?	Best gold value of 0,035 oz Au T over 1,5 m.
1951	Quebec Tungsten Ltd.	04150-A	W-4	708 469	5 393 272	325	-45	?	?	Best gold value of 0,04 oz Au T over 1,2 m.
1951	Quebec Tungsten Ltd.	04150-A	W-5	708 410	5 393 219	325	-45	?	?	No values reported.
1951	Quebec Tungsten Ltd.	04150-A	W-6	708 531	5 393 423	145	-75	?	?	Best value of 0,03 oz Au T over 4,6 m and 0,245% WO3 over 1,5 m.
1952	Kayrand Mining, Royrand Goldfields	1795	4	710 623	5 391 015	225	-45	?	179,00	Hole cut a series of felsic rocks. Very slightly anomalous Ag values.
1952	Kayrand Mining, Royrand Goldfields	1795	10	710 582	5 391 055	360	-90	1,8	244,20	Hole cut a series of felsic and intermediate rocks. Very slightly anomalous Ag values.
1952	Kayrand Mining, Royrand Goldfields	1795	11	710 723	5 391 055	225	-45	11	72,00	Some felsic agglomerate or flow breccia? No assays.
1953	Maxim Mining	2234	1	701 357	5 397 124	180	-60	4	160,10	Hole cut dacitic rocks with minor dioritic dykes. Background values only.
1953	Maxim Mining	2234	2	701 372	5 397 192	355	-45	0	198,20	Cut mainly felsic rocks, with many sulphides intersections. Best value of 1,02% Zn over 1,2 m from 102,1 to 102,3 m.
1953	Maxim Mining	2234	3	701 354	5 396 922	20	-45	1,5	91,80	Porphyritic dacite with minor sulphides. No samples assayed.
1953	Maxim Mining	2234	4	701 449	5 397 411	200	-45	6,7	244,50	Felsic volcanics and syenite. Minor sulphides (py and sph). No samples taken.
1953	Maxim Mining	2234	5	701 257	5 397 222	20	-46	3,4	152,70	Dacite with qtz veins and breccia. Minor cp and sph. Only two assays performed with one returning: 0,72% Cu and 0,22% Zn over 0,6 m.
1953	Maxim Mining	2234	6	700 467	5 398 323	360	-45	9,5	97,30	Felsic rocks with minor sulphides. No anomalous assays.
1953	Maxim Mining	2234	7	700 611	5 397 236	20	-45	8,5	182,90	Felsic rocks, with few sulphides stringers. No samples taken.
1956	Claims Mallich, New Jersey Zinc	3994-B	56-1T	701 267	5 393 613	33	-45	9,8	193,00	Cut a sequence of felsic volcanics with short sections of 1-5% sulphides. Slightly anomalous values for Ag and Zn.
1956	Claims Mallich, New Jersey Zinc	3994-B	56-2T	701 429	5 393 910	213	-45	3,7	123,30	Rhyolite with few sulphides. No anomalous values.
1956	Claims Mallich, New Jersey Zinc	3994-B	56-3T	701 235	5 393 766	213	-45	4,3	121,20	Rhyolite with scattered sulphides. No anomalous values.
1956	Claims Mallich, New Jersey Zinc	3994-B	56-4T	701 155	5 393 442	213	-48	25,6	152,70	Hole cut a sequence of rhyolitic rocks, with minor specks of sulphides. Only one assay reported.
1956	Claims Mallich, New Jersey Zinc	3994-B	56-5T	701 311	5 393 762	123	-45	2,7	27,70	Hole cut a sequence of rhyolitic rocks, with minor specks of sulphides. Only one assay reported.
1956	Claims Mallich, New Jersey Zinc	3994-B	M1	701 282	5 393 766	202	-45	4,8	43,90	Sequence of rhyolite-dacite. No anomalous results obtained.
1956	Claims Mallich, New Jersey Zinc	3994-B	M2	701 292	5 393 767	177	-45	2,7	58,50	Dacite-rhyolite, no sulphides, no anomalous results.
1956	Claims Mallich, New Jersey Zinc	3994-B	M3	701 292	5 393 764	177	-60	1,8	100,30	Dacite-rhyolite, minor sulphides, Best result of 4,24% Zn over 1,1 m
1956	Claims Mallich, New Jersey Zinc	3994-B	M4	701 259	5 393 714	23	-45	6,1	49,10	Felsic rocks with disseminated sulphides. No anomalous results.
1956	Claims Mallich, New Jersey Zinc	3994-B	M5	701 297	5 393 708	23	-45	3	48,50	Hole cut a sequence of rhyolite. Only one sample taken and has returned 0,64% Cu /1,1 m.
1956	Claims Mallich, New Jersey Zinc	3994-B	M6	701 277	5 393 704	23	-60	2,7	91,00	Sequence of rhyolite-dacite. No samples taken.
1956	Claims Mallich, New Jersey Zinc	3994-B	M7	701 238	5 393 725	32	-45	7,3	63,40	Sequence of rhyolite-dacite. No samples taken.
1956	Claims Mallich, New Jersey Zinc	3994-B	M8	701 355	5 393 668	311	-60	5,8	63,60	Sequence of rhyolite-dacite. No anomalous results.
1956	Claims Mallich, New Jersey Zinc	3994-B	M9	701 373	5 393 704	311	-60	9,1	67,40	Sequence of dacitic rocks. Average of 1,28% Zn, 0,33% Cu and 0,32 oz/t Ag over 15,2 m.
1956	Claims Mallich, New Jersey Zinc	3994-B	M10	701 335	5 393 644	311	-60	6,1	60,40	Dacite-rhyolite, no samples.

**Table 3: Historical Drilling**

UTM coordinates zone 17										
Year	Company	GM #	Hole #	UTM E	UTM N	Az	Dip	Overburden depth (m)	Length (m)	Remarks
1956	Claims Mallich, New Jersey Zinc	3994-B	M11	701 397	5 393 670	311	-60	6,1	79,90	Rhyolite-dacite. Slightly anomalous Ag and Zn values.
1956	Claims Mallich, New Jersey Zinc	3994-B	M12	701 388	5 393 736	311	-60	7,3	61,00	Rhyolite-dacite. Average of 0,69% Zn, 0,17% Cu over 19,8 m.
1956	Claims Mallich, New Jersey Zinc	3994-B	M13	701 411	5 393 751	311	-60	6,1	62,20	Rhyolite-dacite. Slightly anomalous Ag and Zn values.
1956	Claims Mallich, New Jersey Zinc	3994-B	M14	701 425	5 393 781	311	-60	11,6	51,80	Rhyolite-dacite. No samples.
								Total	1518,90	
1962	MRNFQ	13075	?	702 122	5 388 459	-	-90	11,58	21,34	Log of a water well, andesite, no assays
1962	MRNFQ	13859	?	704 192	5 394 815	-	-90	10,36	41,15	Pink granite, no assays.
1962	Quebec Department of Mines	12511	?	712 593	5 395 454	360	-90	24,4	97,60	Granite. No assays. Water well.
1962	Quebec Department of Mines	13830	?	710 525	5 392 043	360	-90	4,9	14,60	Granite. No assays. Water well.
1964	Quebec Department of Mines	14966	?	702 177	5 399 965	360	-90	13,1	22,30	Granite. No assays. Water well.
1964	Quebec Department of Mines	14975	?	711 748	5 392 123	360	-90	22,9	38,10	Porphyric and amygdular dacite. No assays.
1964	Quebec Department of Mines	15009	?	700 169	5 396 619	360	-90	36,6	95,40	Dacite-rhyolite. No assays.
1964	Transcona Exploration Ltd	15625	C-1	704 279	5 392 129	270	-45	1,22	24,70	0.14 oz/t Au over 2.6'; 0.08 oz/t Au over 2.4'; 0.17 oz/t Au over 2.6'.
1964	Transcona Exploration Ltd	15625	C-2	704 288	5 392 123	?	-45	0,61	36,59	Low gold values
1964	Transcona Exploration Ltd	15625	C-2A	704 284	5 392 121	270	-60	0,76	72,87	No gold values.
1964	Transcona Exploration Ltd	15625	C-3	704 291	5 392 116	90	-45	1,52	32,32	0.46 oz/t Au over 2'.
1964	Transcona Exploration Ltd	15625	V-1	704 549	5 391 468	90	-45	3,66	25,00	No gold values.
1964	Transcona Exploration Ltd	15625	V-2	704 539	5 391 443	90	-75	1,22	68,60	Very low gold values.
1964	Transcona Exploration Ltd	15625	V-3	704 522	5 391 394	90	-45	0,91	32,04	0.38 oz/t Au over 1.6'.
1965	Claims Mallich, McIntyre Porcupines Mines	16787	65-1	701 268	5 393 732	315	-65	0	12,70	Rhyolite, no anomalous assays.
1965	Quebec Department of Mines	16943	1	700 282	5 398 361	360	-90	12,2	114,30	Andésite-basalte. No assays.
1965	Quebec Department of Mines	17825	2	710 309	5 398 583	360	-90	24,4	91,50	Granite, no assays.
1965	Quebec Department of Mines	21499	?	712 208	5 392 189	360	-90	?	?	Not scanned
1966	Quebec Department of Mines	21472	?	712 971	5 388 941	360	-90	?	?	Not scanned
1967	Win-eldrich Mines Ltd	21219	1	706 213	5 384 747	8	-45	?	?	Not scanned
1967	Win-eldrich Mines Ltd	21219	2	706 549	5 385 034	8	-45	?	?	Not scanned
1967	MRNFQ	21615	?	707 869	5 395 265	-	-90	10,36	76,21	Andesite, no assays.
1968	MRNFQ	23534	?	703 560	5 395 585	-	-90	9,75	30,48	Log of a water well, andesite with traces of chalcopyrite. No assays
1970	Claims Lambert	26433	1	701 479	5 393 700	228	-50	5,2	74,70	Rhyolite with few sulphides. No samples.
1970	Claims Lambert	26433	2	701 441	5 393 669	228	-50	6,1	70,40	Rhyolite, sometimes fragmental. Some sulphides, no samples.
1970	Claims Lambert	26433	3	701 481	5 393 647	228	-50	6,1	104,00	Rhyolite + QFP with some sulphides. No samples.
1970	Claims Lambert	26433	4	701 388	5 393 735	228	-50	1,8	55,20	Rhyolite, very few sulphides. No samples.
1972	Umex inc.	28262	DU15	711 029	5 391 188	270	-60	14,6	54,00	Intermediate to felsic volcanics, sometimes fragmental, slightly anomalous results for Cu.
1972	Umex inc.	28262	DU16	711 111	5 391 277	270	-60	18,3	18,30	Hole lost in overburden.
1972	Umex inc.	28262	DU17	711 113	5 391 285	270	-60	24,3	43,30	Mafic to intermediate, sometimes fragmental volcanics. Conductor explained by py-po. Best value of 1,3% Zn over 0,3 m.

**Table 3: Historical Drilling**

UTM coordinates zone 17										
Year	Company	GM #	Hole #	UTM E	UTM N	Az	Dip	Overburden depth (m)	Length (m)	Remarks
1974	Corp. Min. Dalquier	29826	FD 1-74	713 164	5 390 336	180	-45	12,2	149,70	Mafic to intermediate and felsic volcanics. No anomalous results.
1975	MRNFQ	31447	?	705 177	5 384 456	360	-90	11	15,20	Andésite, basalte, no samples.
1975	Umex inc.	32050	DU 122	708 708	5 396 455	360	-45	22,6	146,30	Intermediate volcanics with sulphides. No anomalous results.
1975	Umex inc.	32050	DU 123	708 316	5 396 506	180	-50	1,8	75,00	Intermediate volcanics with scattered stringers. No anomalous results.
1975	MRNFQ	31443	?	704 376	5 387 779	-	-90	10,97	18,29	Log of a water well, granodiorite, no assays
1975	MRNFQ	31446	?	702 922	5 396 755	-	-90	21,95	44,20	Log of a water well, basalt, no assays results
1979	MRNFQ	35865	?	702 208	5 388 455	360	-90	14	74,70	Granodiorite, no samples.
1979	Shell Canada	36198	7827-79-1	708 991	5 395 798	180	-50	27,4	137,20	Andesite with minor layers of intermediate to felsic tuffs, hole ends in diorite. Sulphides in stringers form. Best results of 2,79% and 1,25% Zn respectively over 0,22 and 0,16 m.
1979	Shell Canada	36198	7827-79-2	708 988	5 396 028	180	-50	23,6	109,40	Andesite with 1-5% sulphides stringers. Best result of 0,3% Cu, 0,88% Zn over 0,28 m.
1979	Shell Canada	36198	7827-79-3	708 845	5 396 252	180	-50	10,4	121,60	Greywacke, diorite, metavolcanite? No anomalous results.
1979	Shell Canada	36198	7827-79-4	709 137	5 395 957	180	-50	18,3	152,40	Mafic tuffs and sediments with layers of rhyolitic tuffs. Sulphides mainly as stringers, best result of 2,6% Zn over 5,84 m.
1979	Shell Canada	36198	7827-79-5	709 141	5 395 909	180	-50	23,6	163,00	Andesite with rhyolitic tuffs and greywackes. Sulphides as stringers and nodules. Best results of 0,12oz Au T/0,88 m., 1,03% Zn, 0,22 oz Au T/0,13 m., 0,07 oz Au T/0,66 m.
1980	Shell Canada	38966	7827-80-1	709 026	5 395 973	180	-50	22,2	169,20	Mafic flows and tuffs, minor felsic tuffs. Sulphides described as stringers and veining. Best value of 2,9% Zn, 1,55% Pb /0,28 m.
1980	Shell Canada	38966	7827-80-3	709 039	5 395 773	180	-45	27,25	175,30	Mafic flows and tuffs. Sulphides described as stringers. Best value of 9,7% and 1,65% Pb over 1,04 m.
1980	Shell Canada	38966	7827-80-2	709 134	5 396 008	180	-60	21,3	213,40	Mafic flows and tuffs and sediments. No anomalous results.
1981	Shell Canada	38967	7827-81-1	705 604	5 397 180	360	-47	9,1	99,00	Intermediate to mafic flows and sediments. No anomalous results.
1983	Exploration Kekeko inc.	41382	83-1	704 256	5 392 151	61	-40	3,64	109,75	0.23 oz/t Au over 0.36 m
1983	Exploration Kekeko inc.	41382	83-2	704 308	5 392 131	241	-55	0,6	24,08	Background gold values only
1983	Exploration Kekeko inc.	41382	83-3	704 316	5 392 116	241	-55	0,61	27,43	Max gold value of 0.08 oz/t over 0.32 m.
1983	Exploration Kekeko inc.	41382	83-4	704 321	5 392 100	241	-55	1,22	23,16	Max gold value of 0.06 oz/t over 0.61 m.
1983	Exploration Kekeko inc.	41382	83-5	704 320	5 392 070	61	-55	1,83	52,44	Max gold value of 0.04 oz/t over 0.33 m.
1983	Exploration Kekeko inc.	41382	83,6	704 338	5 392 048	61	-45	1,22	27,13	Max gold value of 0.05 oz/t over 0.43 m.
1983	Exploration Kekeko inc.	41382	83-7	704 359	5 392 023	61	-55	2,44	36,58	Background gold values only
1983	Exploration Kekeko inc.	41382	83-8	704 374	5 391 982	61	-45	9,14	9,14	Hole abandoned
1983	Exploration Kekeko inc.	41382	83-9	704 279	5 392 203	241	-45	4,27	42,36	Background gold values only
1983	Exploration Kekeko inc.	41382	83-10	704 549	5 391 416	295	-50	8,5	44,81	Background gold values only
1983	Exploration Kekeko inc.	41382	83-11	704 564	5 391 359	295	-45	4,88	70,07	Background gold values only
1983	Exploration Kekeko inc.	41382	83-12	704 536	5 391 475	115	-65	0,66	57,60	4.3 oz/t Au over 0.5 m from 29.5 to 30 m, 0.43 oz/t Au over 0.5 m from 30 to 30.5 m. r Au from 30.5 to 31.6 m. 0.13 oz/t Au over 1.01 m from 31.6 32.61 m.

**Table 3: Historical Drilling**

UTM coordinates zone 17										
Year	Company	GM #	Hole #	UTM E	UTM N	Az	Dip	Overburden depth (m)	Length (m)	Remarks
1983	Exploration Kekeko inc.	41382	83-13	704 540	5 391 474	115	-50	2,44	10,97	0.6 oz/t Au over 0.63 m from 6.77 to 7.4 m. 0.06 oz/t Au over 0.6 m from 7.4 to 8 m.
1983	Exploration Kekeko inc.	41382	83-14a	704 525	5 391 640	240	-47	12,19	12,19	Hole abandoned
1983	Exploration Kekeko inc.	41382	83-14b	704 522	5 391 639	240	-47	11,89	15,54	Hole abandoned
1984	Placements Appalache Ltée, Raymor Resources Ltd.	41937	DR-84-1	709 104	5 395 864	270	-62	15,2	126,50	Sequence of sediments and intermediate to felsic flows and tuffs. Some sulphides. Best results of 0,65% Zn over 0,8 m
1984	Placements Appalache Ltée, Raymor Resources Ltd.	41937	DR-84-2	709 090	5 395 864	270	-45	23,5	160,00	Sequence of sediments and intermediate to felsic flows and tuffs. Massive sulphides over short lengths. Best value of 2% Zn/0,1 m.
1984	Placements Appalache Ltée, Raymor Resources Ltd.	41937	DR-84-3	709 003	5 395 823	102	-45	25,6	179,50	Sequence of intermediate flows and tuffs, with sediments. Several lengths of massive sulphides. Best values of: 1,04% Zn /0,73 m; 0,03 ozT Au, 0,66 ozT Ag, 3,94% Zn, 0,74% Pb ovr 0,15 m; 1,96% Zn over 0,15 m; 2,84% Zn over 0,15 m; 0,98% Zn over 0,36 m; 0,81% Zn over 1,19 m; 1,7% Zn over 0,2 m and 1,27% Zn over 0,15 m.
1984	Placements Appalache Ltée, Raymor Resources Ltd.	41937	DR-84-4	708 993	5 395 780	118	-50	28,6	152,80	Sequence of andesite and sericitic tuffs, with several lengths of massive sulphides. Best vlaues of: 2,47% Zn over 0,2 m and 2,06% Zn over 0.3 m.
1984	Placements Appalache Ltée, Raymor Resources Ltd.	41937	DR-84-5	709 081	5 395 723	360	-45	29	215,20	Sequence of felsic tuffs and andesite, with some massive sulphides. Best values of: 6,48% Zn /0,3 m; 2,83% Zn/1,09 m; 3,09% Zn /0,77 m.
1984	Placements Appalache Ltée, Raymor Resources Ltd.	41937	DR-84-6	709 047	5 395 907	180	-70	17,4	206,40	Sediments, andesite and tuffs, with many short lengths of massive sulphides. Best value of ,05 oz T Ag, 2,68% Zn over 0,33 m.
1984	Placements Appalache Ltée, Raymor Resources Ltd.	41937	DR-84-7	709 029	5 396 026	167	-50	16,8	198,10	Tuffs and andesites with minor sediments. Some massive sulphides. Slightly anomalous Zn values.
1984	Placements Appalache Ltée, Raymor Resources Ltd.	41937	DR-84-8	709 336	5 395 930	225	-50	15,2	204,90	Diorite with minor tuffs. Few massive sulphides over very short lengths. No anomalous values.
1984	Placements Appalache Ltée, Raymor Resources Ltd.	41937	DR-84-9	709 227	5 395 883	240	-45	18,2	208,20	Sequence of diorite and tuffs with some sediments and chlorite-biotite schists. Some short sections of massive sulphides. Best values of: 3,13% Zn/0,25 m ; 2,01% Zn/0,23 m and 7,84% Zn /0,23 m.
1984	Placements Appalache Ltée, Raymor Resources Ltd.	41937	DR-84-10	709 167	5 395 861	206	-60	18,3	173,40	Sequence of diorite and tuffs with some sediments and chlorite-biotite schists. Some short sections of massive sulphides. No anomalous values..
1984	Placements Appalache Ltée, Raymor Resources Ltd.	41937	DR-84-11	709 672	5 395	358	-45	0	162,20	Diorite with some massive sulphides. No anomalous results.
1984	Raymor Resources Ltd.	42037	AR-84-1	710 473	5 391 000	167	-45	2,1	209,50	Andesite-dacite with chlorite, sulphides amygdules, and some massive sulphides, and granodiorite dykes. Best values of: 0,95% Zn/0,24 m; 0,85% Zn/0,3 m; 1,55% Zn/0,28 m; 1,09% Zn/0,2 m; 0,92% Zn/0,23 m; 1,68% Zn/0,24 m; 1,13% Zn /0,3 m; 1,79% Zn/0,3 m.
1984	Raymor Resources Ltd.	42037	AR-84-2	710 516	5 391 026	167	-45	2,7	240,20	Dacite-andesite with tuffs and granodiorite, with some massive sulphides. Best values: 0,855% Zn/0,56 m; 2,68% Zn/1,4 m.
1984	Raymor Resources Ltd.	42037	AR-84-3	710 658	5 390 870	167	-45	4,7	208,20	Andesite and diorite with some massive sulphides and graphite. Best value of 4,13% Zn/0,3 m.
1984	Raymor Resources Ltd.	42037	AR-84-4	710 801	5 390 771	162	-45	4,1	111,90	Andesite with chlorite-pyrite amygdules, with several sections of massive sulphides. No anomalous values.

**Table 3: Historical Drilling**

UTM coordinates zone 17										
Year	Company	GM #	Hole #	UTM E	UTM N	Az	Dip	Overburden depth (m)	Length (m)	Remarks
1984	Raymor Resources Ltd.	42037	AR-84-5	710 555	5 390 985	177	-60	5,2	233,50	Sericitized andesite and tuffs with massive sulphides. Best values of: 1,78% Zn/0,3 m; 1,47% Zn/0,3 m; 1,61% Zn/0,3 m; 2,03% Zn/0,3 m; 5,1% Zn/0,3 m; 1,51% Zn/0,6 m; 1,34% Zn/0,3 m; 3,55% Zn/0,3 m; 3,62% Zn/0,6 m; 1,68% Zn/0,6 m.
1985	Raymor Resources Ltd.	43355	AR-85-6	710 527	5 390 996	180	-70	1,2	152,40	Andesite and breccias. Some massive sulphides. 1,39% Zn/0,45 m; 0,15 ozAu/T / 0,3 m; 0,18 oz Au T/0,3 m; 2,76% Zn/1,2 m; 8,54% Zn/0,6 m. Casing left in place.
1985	Raymor Resources Ltd.	43355	AR-85-7	710 570	5 390 968	216	-60	0,4	100,30	Andesite with massive sulphides and graphite. Best values of 2,24% Zn/0,6 m; 1,9% Zn/0,9 m; 1,57% Zn/0,9 m; 0,11 oz Au T/0,3 m; 0,2 oz AuT/0,3 m; 0,06 oz Au T/0,3 m; 0,176 oz Au T/0,9 m; 1,02% Zn/0,3 m; 0,19 oz Au T, 0,28oz Ag T, 1,9% Zn/0,91 m.
1985	Raymor Resources Ltd.	43355	AR-85-8	710 533	5 391 017	215	-45	2,7	170,10	Andesite and granodiorite with sulphides and graphite. Best values of: 0,875% Zn/0,3 m; 0,18 oz Au T/0,9 m; 1,83% Zn/0,6 m; 1,39 oz AgT, 0,86% Zn/0,6 m; 1,85% Zn/1,5 m; 1,85% Zn/1,2 m; 2,41% Zn/7,0 m.
1985	Raymor Resources Ltd.	43355	AR-85-9	710 491	5 391 008	36	-60	0,9	61,00	Andesite, dacite with graphite schist and massive sulphides. Best values of: 0,16 oz AuT/0,6 m; 0,13 oz AuT/0,6 m.
1985	Radisson Mining Resources	43096	TRE-85-1	704 591	5 391 647	270	-55	3,66	53,95	Background gold values only
1985	Radisson Mining Resources	43096	TRE-85-1B	704 590	5 391 646	270	-58	3,66	80,77	Background gold values only
1985	Radisson Mining Resources	43096	TRE-85-2	704 629	5 391 647	270	-55	8,53	139,30	Low gold values <0.5 gr/t Au
1985	Radisson Mining Resources	43096	TRE-85-3	704 662	5 391 576	270	-45	19,3	185,01	Low gold values <0.5 gr/t Au
1985	Radisson Mining Resources	43096	TRE-85-4	704 567	5 391 386	270	-45	2,44	181,97	Background gold values only
1985	Radisson Mining Resources	43096	TRE-85-5	704 473	5 391 651	315	-45	12,8	145,39	Background gold values only
1985	Radisson Mining Resources	43096	TRE-85-6	704 494	5 392 163	270	-45	21,99	98,45	Best gold value of 0.51 g/t Au over 0.19 m.
1985	Radisson Mining Resources	43096	TRE-85-7	704 463	5 392 161	270	-45	5,49	51,51	Low gold values <0.5 gr/t Au
1985	Radisson Mining resources	43096	TRE-85-8	705 403	5 395 162	315	-55	1,5	21,33	Granite with quartz veins. Best value of 2.57 gr/t Au over 2.4 m (core length)
1985	Radisson Mining resources	43096	TRE-85-9	705 404	5 395 161	315	-75	0,91	21,29	Granite with quartz veins. Best value of 1.37 gr/t Au over 0.82 m.
1985	Radisson Mining resources	43096	TRE-85-10	705 322	5 395 249	325	-45	4,27	153,32	Granite with diorite and several quartz veins. Best value of 1.37 gr/t Au over 0.91 m.
1985	Radisson Mining resources	43096	TRE-85-11	705 496	5 395 265	315	-45	3,96	149,96	Granite with chlorite. Best value of 1.03 gr/t Au over 1.03 m and 0.12 m.
1985	Radisson Mining resources	43096	TRE-85-12	705 333	5 395 144	315	-45	4,88	38,40	Granite with quartz veins and chlorite. Best values of 1.37 gr/t over 0.5 m and 2.40 gr/t over 1.28 m.
1985	Radisson Mining resources	43096	TRE-85-13	705 282	5 395 038	315	-46	4,27	68,88	Dalquier granite. Best gold value of 0.17 gr/t over 0.48 m.
1985	Radisson Mining resources	43096	TRE-85-14	705 207	5 394 970	315	-45	2,44	81,41	Granite with quartz veins. Best value of 1.03 gr/t Au over 0.56 m.
1985	Radisson Mining resources	43096	TRE-85-15	701 421	5 393 619	315	-44	6,71	183,79	Rhyolite+rhyolitic tuff. Best value of 0.227% Cu, 0.51% Zn and 5.29 gr/t Ag over 7.67 m.
1985	Radisson Mining resources	43096	TRE-85-16	705 576	5 395 360	315	-45	4,88	61,26	Granite with quartz veins. Best value of 1.71 gr Au /t over 0.36 m.
1985	Radisson Mining resources	43096	TRE-85-17	701 603	5 393 844	315	-45	24,38	129,84	White and black rhyolite. Best value of 2.36% Cu, 0.126% Zn, 20.56 gr/t Ag over 1.03 m. Off the property to the west.
1985	Radisson Mining resources	43096	TRE-85-18	701 201	5 393 548	315	-45	6,09	121,92	Altered rhyolite. Background values only. Off the property to the west.
1985	Radisson Mining resources	43096	TRE-85-19	702 091	5 394 627	315	-48	10,97	125,58	Rhyolite. Low silver values.

**Table 3: Historical Drilling**

UTM coordinates zone 17										
Year	Company	GM #	Hole #	UTM E	UTM N	Az	Dip	Overburden depth (m)	Length (m)	Remarks
1985	Radisson Mining resources	43096	TRE-85-20	701 969	5 394 462	315	-45	9,45	152,40	Rhyolite/basalt, best value of 0.17 gr/t Au over 0.92 m.
1985	Radisson Mining resources	43096	TRE-85-21	702 894	5 392 138	315	-47	17,7	169,16	Granodiorite with ultramafic dyke. Background values only.
1986	Radisson Mining resources	45428	TRE-86-22	701 800	5 394 494	140	-45	10,7	181,10	Felsic and intermediate flows with tuffs and agglomerates. Background values only.
1986	Radisson Mining resources	45428	TRE-86-23	702 100	5 394 617	140	-45	7,3	207,00	Intermediate to felsic flows and tuffs. Best value of 12.8 gr/t Ag over 0.86 m. Casing left in hole.
1986	Radisson Mining resources	45428	TRE-86-24	702 080	5 394 784	140	-45	18,3	154,80	Intermediate to felsic volcanics. Background values only. Casing left in hole.
1986	Radisson Mining resources	45428	TRE-86-25	701 297	5 394 130	140	-45	19,9	182,60	Intermediate volcanics and tuffs with dioritic dykes. 1.22gr/t Au over 1.27 m and 1% Cu, 18.51 gr/t Ag, 0.34 gr/t Au over 1.0 m. Off the property to the west.
1986	Radisson Mining resources	45428	TRE-86-26	701 355	5 393 954	140	-45	1,8	200,00	Rhyolite and felsic dykes. Background values only. Off the property to the west.
1986	Radisson Mining resources	45428	TRE-86-27	701 307	5 393 586	320	-45	13,4	249,60	Intermediate to felsic volcanics. 7.2 gr/t Ag over 1.6 m. Off the property to the west. Casing left in hole.
1986	Radisson Mining resources	45428	TRE-86-28	703 843	5 394 689	50	-45	29	133,80	Diorite+intermediate dykes. 0.69 gr/t Au over 1.5 m.
1986	Radisson Mining resources	45428	TRE-86-29	703 944	5 393 136	230	-50	7,9	186,50	Andesite+granite. Best value of 0.182 gr/t Au over 1.4 m.
1986	Lac Mineral Exploration	44328	TD-86-1	707 722	5 395 413	180	-47	21	91,10	Basaltic flows with several dykes. One anomalous gold value: 2,23 g/t Au over 1 m from 26,9 to 27,9 m.
1986	Lac Mineral Exploration	44328	TD-86-2	708 081	5 396 519	180	-46	12,9	99,60	Gabbro/basalte, disseminated pyrite, no anomalous values.
1986	Lac Mineral Exploration	44328	TD-86-3	707 966	5 396 727	180	-47	13,7	90,50	Basalte - andesite with few sulphides. No anomalous results.
1986	Lac Mineral Exploration	44328	TD-86-4	706 561	5 396 961	180	-45	12	90,00	Basalt, mafic tuffs. No anomalous results.
1986	Lac Mineral Exploration	44328	TD-86-5	705 570	5 397 046	180	-48	9,1	90,00	Basalt, mafic tuffs. No anomalous results.
1986	Lac Mineral Exploration	44328	TD-86-6	703 243	5 397 190	175	-47	27,58	90,00	Rhyolite and basalt. Best value of 0.4 gr/t Au over 0.19 m
1986	Lac Mineral Exploration	44328	TD-86-7	701 588	5 398 488	180	-46	12	90,00	Basalt, agglomeratic tuff, granite, breccia. No anomalous values.
1986	Lac Mineral Exploration	44328	TD-86-8	702 389	5 398 102	180	-50	22,3	90,00	Mafic to felsic tuff and basalt. No anomalous values.
1987	Lac Mineral Exploration	46725	TD-87-001	708 025	5 395 483	180	-45	11,6	125,10	Basalts, no anomalous values.
1987	Lac Mineral Exploration	46725	TD-87-003	706 562	5 397 401	180	-45	8,7	131,20	Basalts and tuffs, sometin=mes agglomeratic. No anomalous values.
1987	Lac Mineral Exploration	46725	TD-87-004	706 374	5 397 024	180	-45	2,8	125,20	Basalt and agglomeratic tuffs. No anomalous values.
1987	Lac Mineral Exploration	46725	TD-87-005	705 577	5 397 047	180	-45	5,8	144,30	Basalt and agglomeratic tuffs with dykes. No anomalous values.
1987	Lac Mineral Exploration	46725	TD-87-006	703 169	5 397 175	180	-45	6,74	125,27	Intermediate to mafic lavas and tuffs, fragmental in places. Background values only.
1987	Lac Mineral Exploration	46725	TD-87-009	703 467	5 397 108	180	-49	25,91	125,58	Mafic to felsic flows and tuffs. Background values only.
1987	Lac Mineral Exploration	46725	TD-87-010	703 164	5 397 247	180	-65	22,25	250,24	Mainly basaltes and andesites with associated tuffs and small rhyolitic bands up to 178 m. Then felsic tuffs and dykes to the end of the hole. Background values only.
1987	Lac Mineral Exploration	46725	TD-87-011	703 065	5 397 233	180	-47	21,94	126,79	Felsic to mafic flows ans tuffs, with a rhyolitic section 2 m wide, and sericite schist over 11 m. Background values only.
1987	Lac Mineral Exploration	46725	TD-87-012	702 292	5 398 227	180	-51	22,5	89,10	Blocky tuff, mafic tuff, black shale, breccia, some sulphides veinlets. Best values of : 10,7 gT Ag, 1,88% Cu /6,96 m.
1987	Lac Mineral Exploration	46725	TD-87-013	701 702	5 398 463	180	-45	11,2	125,30	Mafic tuff, agglomerate, basalt. Very few sulphides. No anomalous values.
1987	Lac Mineral Exploration	46725	TD-87-14	700 820	5 392 711	180	-45	51,21	123,97	Intermediate to felsic tuffs. Background values only.
1987	Lac Mineral Exploration	46725	TD-87-015	702 195	5 398 280	180	-50	24	126,20	Blocky tuff, basalt, very few sulphides. Best values : 0,29%Cu, 0,2% Pb, 2,44% Zn/2,0 m.

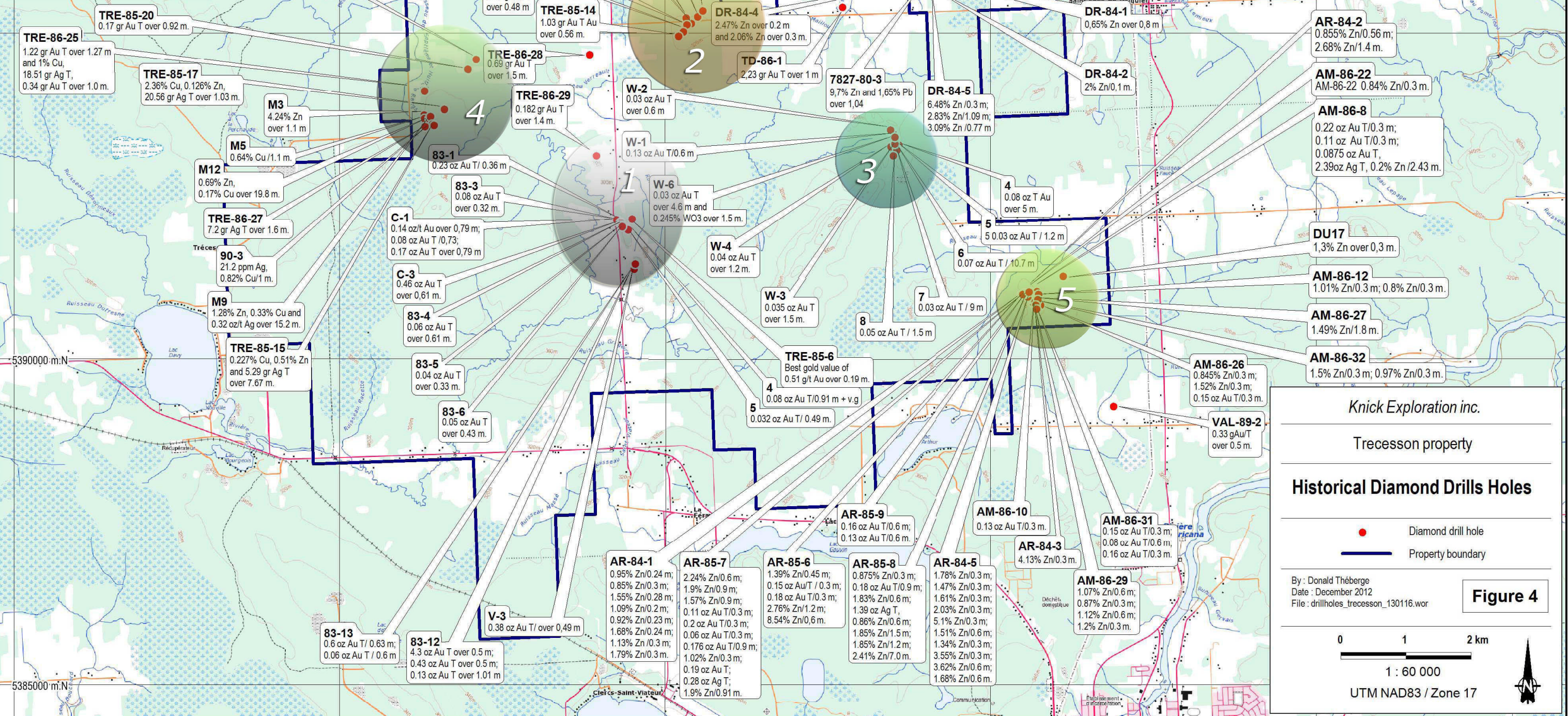
**Table 3: Historical Drilling**

UTM coordinates zone 17										
Year	Company	GM #	Hole #	UTM E	UTM N	Az	Dip	Overburden depth (m)	Length (m)	Remarks
1987	Raymor Resources Ltd.	45377	AM-86-32	710 767	5 390 843	225	-45	3,4	323,70	Andesite, sericite schist sometimes with graphite, diorite, some sulphides. Best values: 1,5% Zn/0,3 m; 0,97% Zn/0,3 m.
1987	Raymor Resources Ltd.	46495	AM-86-8	710 709	5 391 050	225	-67	6,7	419,80	Andesite, diorite, sericite and graphite schist, breccia, some sulphides. Best results: 0,22 oz AuT/0,3 m; 0,11 ozAuT/0,3 m; 0,0875 oz AuT, 2,39oz Ag T, 0,2% Zn /2,43 m.
1987	Raymor Resources Ltd.	46495	AM-86-10	710 646	5 390 926	225	-70	1,2	213,70	Andesite, sericite and graphite schist, few sulphides, diorite. Best result: 0,13 oz AuT/0,3 m.
1987	Raymor Resources Ltd.	46495	AM-86-11	710 728	5 391 000	225	-55	3,7	310,00	Andesite with 10-25% disseminated pyrite, andesite and chlorite schist. 0,66 oz AuT / 0,9 m.
1987	Raymor Resources Ltd.	46495	AM-86-12	710 734	5 391 006	225	-67	3,6	507,60	Dacite with 5-25% disseminated pyrite, andesite, graphite schist and diorite. Best results: 1,01% Zn/0,3 m; 0,8% Zn/0,3 m.
1987	Raymor Resources Ltd.	46495	AM-86-21	710 588	5 391 041	225	-45	1,8	163,70	Dacite with 5-35% pyriter, andesite, graphite schist, breccia. Best results: 0,05oz AuT/0,6 m; 0,8%Zn/0,3 m; 0,15 Oz AuT/0,3 m.
1987	Raymor Resources Ltd.	46495	AM-86-22	710 589	5 391 042	225	-70	1,8	215,50	Dacite with 5-25% pyrite, sericite schist, graphite schist, andesite. Best result: 0,84% Zn/0,3 m.
1987	Raymor Resources Ltd.	46495	AM-86-23	710 655	5 391 103	225	-55	5,5	318,60	Dacite with 5-25% pyrite, sericite schist, andesite. No anomalous values.
1987	Raymor Resources Ltd.	46495	AM-86-25	710 678	5 390 897	225	-45	0,6	297,90	Andesite, sericite schist, diorite, chlorite schist granodiorite. Best results: 3,82% Zn/0,3 m; 7,16% Zn/0,3 m; 0,09oz AuT/0,3 m; 1,15 oz AgT/, 1,7% Zn/0,3 m; 1,34% Zn/0,3 m; 1,96% Zn/0,3 m.
1987	Raymor Resources Ltd.	46495	AM-86-26	710 679	5 390 899	225	-58	0,6	368,00	Andesite, sericite and graphite schist, diorite, granodiorite. Best results: 0,845% Zn/0,3 m; 1,52% Zn/0,3 m; 0,15 oz Au T/0,3 m.
1987	Raymor Resources Ltd.	46495	AM-86-27	710 721	5 390 928	225	-55	3,4	446,60	Andesite, andesite with 5-35% disseminated pyrite, sericite and graphite schist, diorite, granodiorite and breccia. Best result: 1,49% Zn/1,8 m.
1987	Raymor Resources Ltd.	46495	AM-86-29	710 692	5 390 841	225	-45	4	310,00	Andesite, sericite schist, pyritized andesite, graphite schist, diorite, granodiorite. Best results: 1,07% Zn/0,6 m; 0,87% Zn/0,3 m; 1,12% Zn/0,6 m; 1,2% Zn/0,3 m.
1987	Raymor Resources Ltd.	46495	AM-86-31	710 707	5 390 783	225	-45	4,5	271,60	Andesite, graphite schist, pyritized andesite, diorite, granodiorite. Best results: 0,15 oz Au T/0,3 m; 0,08 oz Au T/0,6 m; 0,16 oz Au T/0,3 m.
1987	Exploration Mon D'Or inc.,	46494	BM-86-1	708 543	5 393 136	320	-45	1,2	227,70	Granodiorite, silicified, hematized, few sulphides., no anomalous values.
1987	Exploration Mon D'Or inc.,	46494	BM-86-2	708 357	5 393 346	210	-45	18	171,30	Granodiorite, silicified, hematized, few sulphides., no anomalous values.
1987	Exploration Mon D'Or inc.,	46494	BM-86-3	709 088	5 393 193	30	-45	17,7	181,10	Andesite with few sulphides. No anomalous results.
1988	Minerais Lac Ltée.	46725	TD-87-07	705 777	5 397 280	180	-44	4,12	125,50	Mafic tuff, basalt and dykes. Best values of 500 ppb/1,0 m.
1989	Mines d'Or Malartic Hygrade	48605	VAL-89-1	712 367	5 389 418	205	-50	28	129,90	Andesite and diorite. No samples.
1989	Mines d'Or Malartic Hygrade	48605	VAL-89-2	711 887	5 389 288	205	-50	36,9	123,80	Andesite, diorite. Best results: 0,33 gAu/T over 0,5 m.
1989	Mines d'Or Malartic Hygrade	48605	VAL-89-3	711 060	5 389 494	245	-50	11,6	120,70	Andesite, diorite. No anomalous values.
1990	Armeno Resources inc	49502	90-1	701 240	5 393 552	360	-45	4,3	152,40	Tuff, andesite, breccia, crystal tuff. No anomalous results.

**Table 3: Historical Drilling**

UTM coordinates zone 17										
Year	Company	GM #	Hole #	UTM E	UTM N	Az	Dip	Overburden depth (m)	Length (m)	Remarks
1990	Armeno Resources inc	49502	90-2	701 240	5 393 550	360	-65	3,6	457,20	Andesite, dacite, tuffs, volcanic breccia. No anomalous results
1990	Armeno Resources inc	49502	90-3	701 444	5 393 603	360	-65	20,4	457,20	Andesite, sometimes silicified, crystal tuff, dacite. Best result: 21,2 ppm Ag, 0,82% Cu/1 m.
1990	Armeno Resources inc	49502	90-4	704 589	5 391 697	270	-65	14,63	76,20	Background to very low gold values
1990	Armeno Resources inc	49502	90-5	704 590	5 391 697	270	-80	12,8	105,76	Background to very low gold values
1990	Armeno Resources inc	49502	90-6	704 589	5 391 695	270	-45	16,76	60,04	Background to very low gold values
1990	Armeno Resources inc	49502	90-7	704 591	5 391 752	240	-55	14,02	93,27	Background to very low gold values
1990	Armeno Resources inc	49502	90-8	704 592	5 391 751	240	-45	18,9	24,69	Hole lost before hitting target
1996	Claims Frigon	54158	FE-95-01	710 257	5 396 685	180	-60	38	50,60	Gabbro, no samples taken.
1996	Claims Frigon	54158	FE-95-02	710 206	5 395 446	58	-45	28	53,70	Gabbro, granite, no samples taken.
1996	Inco Ltée.	54322	86942-0	702 322	5 398 314	180	-65	19	169,00	Tuff, andesite, breccia. No anomalous values.
2009	Globex Mining Enterprises	64780	DA-09-01	708 887	5 393 279	250	-50	2,5	99,00	Hole cut mainly basalt and felsic intrusives. No anomalous results obtained.
<b>Total: 228 holes for</b>									<b>28 658,73</b>	





- ### ZONES
- 1 Cossette
  - 2 Spirit Lake
  - 3 Chib-kayrand
  - 4 Mallich
  - 5 Raymor/Mondor

Knick Exploration inc.

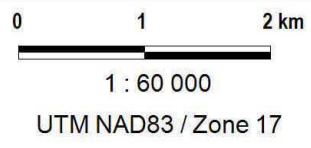
Trecesson property

### Historical Diamond Drills Holes

- Diamond drill hole
- Property boundary

By : Donald Th berge  
 Date : December 2012  
 File : drillholes\_trecesson\_130116.wor

**Figure 4**





## 7.0 GEOLOGICAL SETTING AND MINERALIZATION

### 7.1) GENERAL GEOLOGY

The Trecesson property is located in the southeast part of the Superior province, which itself lies in the heart of the Canadian Shield. The Superior province extends from Manitoba to Quebec, and is mainly made up of Archean rocks. The general metamorphism is at the greenschist facies, except in the vicinity of intrusive bodies, where it can go to the amphibolite-to-granulite facies. In Quebec, the eastern extremity of the Superior province has been classified into the following sub-provinces, from south to north: Pontiac, Abitibi, Opatica, Nemiscau, Opinaca, La Grande, Ashuanipi, Bienville and Minto.<sup>10</sup> According to Card and Ciesielski (1986), the area covered by the property is located in the Abitibi sub-province. Figure 5, "General Geology", shows the position of the property in the Superior province.

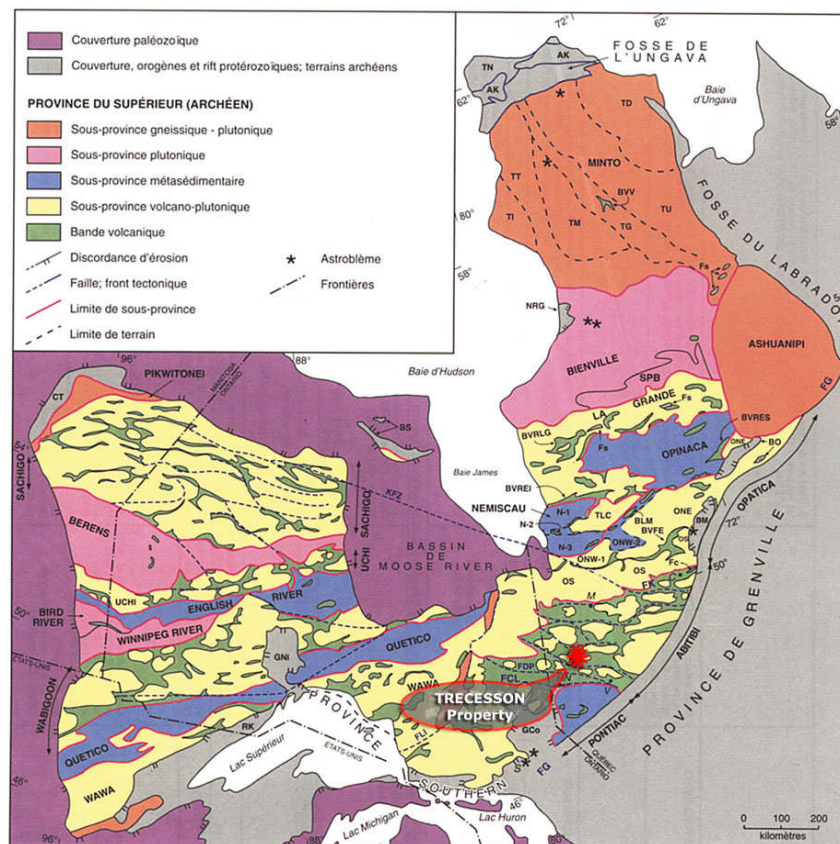


FIGURE 5: GENERAL GEOLOGY

<sup>10</sup> Classification by Hocq, M., in Géologie du Québec, MM 94-01



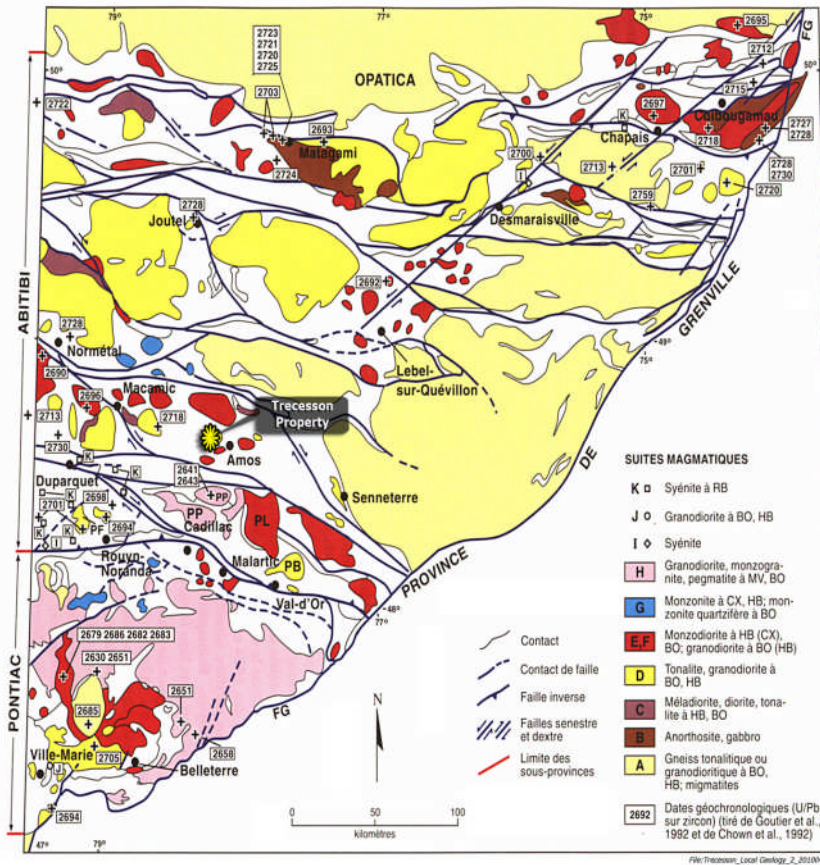
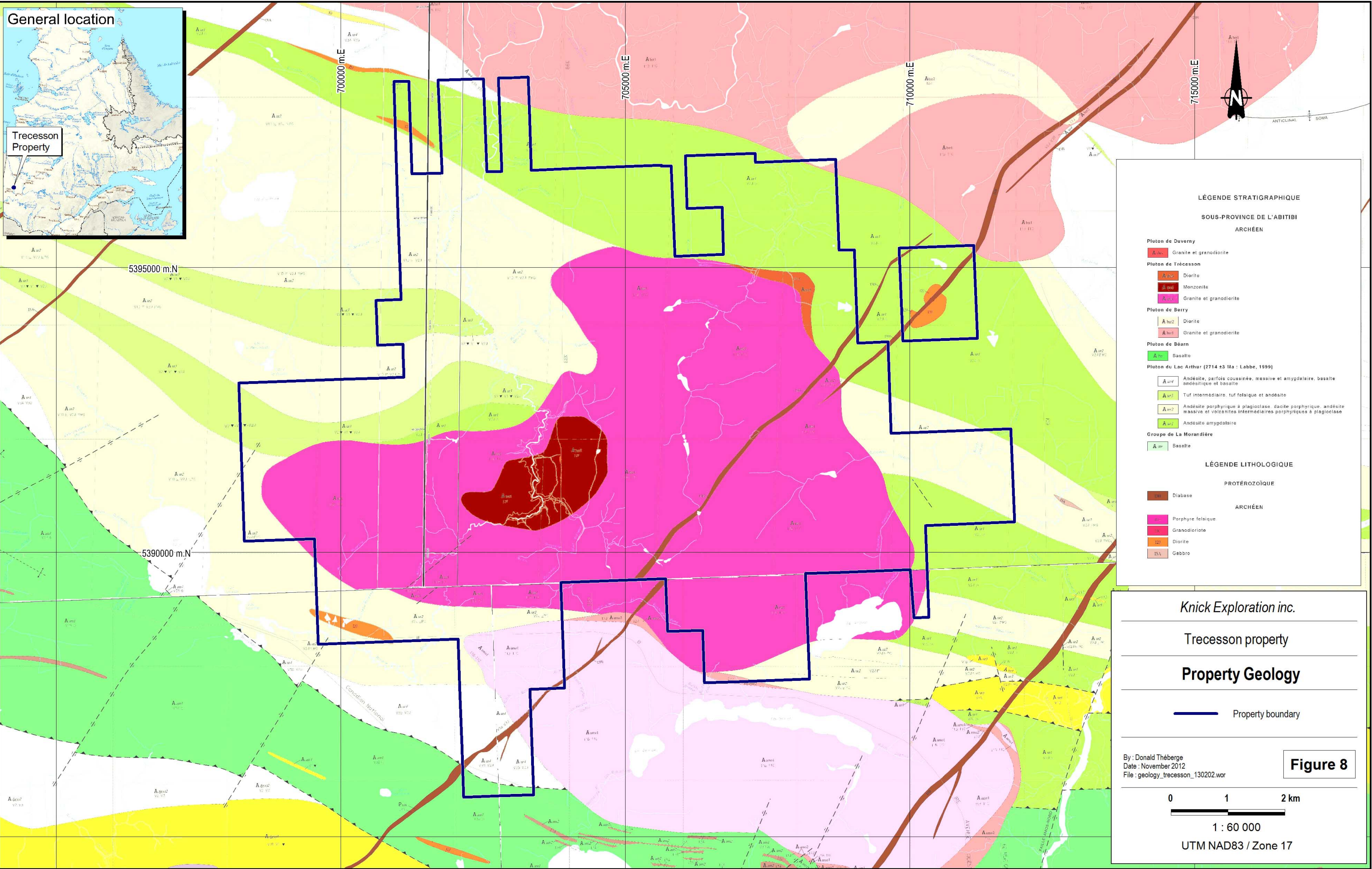


FIGURE 7: REGIONAL GEOLOGY, INTRUSIVES

### 7.3) PROPERTY GEOLOGY

The property covers about 90% of the Trecesson batholith, which is mainly made up of biotite-bearing granite, with a monzonitic phase. The intermediate to felsic volcanites of the Lac Arthur formation are situated to the north and west of the Trecesson intrusive. The latter is bordered to the south by the Amos pluton, which is dioritic in composition. Finally, the SE part of the Trecesson batholith is cut in a NE-SW direction by a diabase dyke. All the rocks of the area are metamorphosed to the greenschist facies. The Trecesson batholith is almost undeformed. The monzonitic center is poor in quartz. It is cut by many aplitic dykes and quartz-carbonates veins, some of them gold-bearing. Gold mineralization dominates in the intrusive, with the Cossette vein, the Spirit Lake Gold Vein System and the Chib-Kayrand Gold Vein System. Just outside the intrusive in felsic volcanics, two base metals, mainly zinc sulphide zones, have been explored in the past: Mallich and Raymor/Mondor. They are described in the next item, entitled "Significant Mineralized Zones".







#### 7.4) SIGNIFICANT MINERALIZED ZONES

Up until now, no mineralized zones with estimated tonnage have been discovered on the Trecesson property. However, gold and base metals mineralization in the Cossette, Spirit Lake, Chib-Kayrand, Mallich and Raymor/Mondor areas has been recognized since 1925 and the beginning of the seventies.

One of the main mineralized areas, ***the Cossette vein***, is located in the center part of the property, in Lot 57, Rg V, and Lots 61-62, Rg VI, Trecesson Township. The Cossette vein is divided into two parts, north and south. The Cossette North vein has been traced over a strike length of 300 m by Knick and by historical work. Historical work and work by Knick have defined the Cossette South vein over a strike length of 175 m. The north and south parts of the vein are separated by a distance of 370 m. The middle part of the vein was not tested in the past, as it does not outcrop.

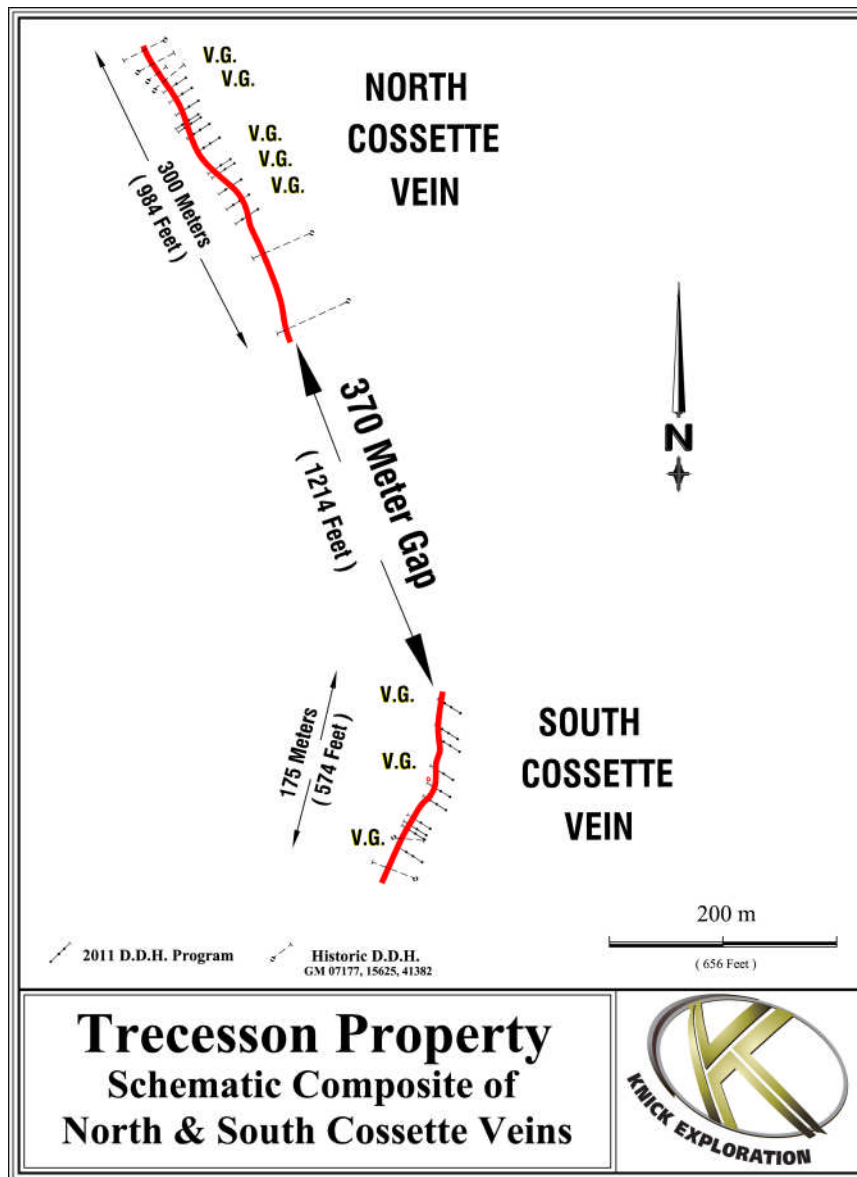
Generally, the Cossette vein is made up of milky quartz, with a thickness varying from 0.3 to 2 m. It is associated with a chlorite-rich shear zone up to 6 m wide. Vein orientation varies from 330° for the north part to between due north and 020° for the south part. Dip varies from 75° to 80° to the east-northeast. The Cossette North zone is usually characterized by hematization, and the south part contains some chalcopryite, sphalerite and galena locally.

Chanel sampling done around 1938 by Noranda Mines on the Cossette North vein revealed 5.7 g/t Au over a length of 61 m for an average width of 1.43 m. Noranda Mines also completed a channel sampling on the south part of the Cossette vein, also in 1938, at which time a grade of 8.995 g/t Au was obtained over a length of 21 m and an average width of 1.22 m. In 1964, Transcona Exploration did channel sampling, also on the Cossette South vein, which returned a grade of 8.899 g/t Au over a length of 36.6 m and an average width of 0.83 m. Recent drilling by Knick revealed many values in the order of 2 to 5 g/t Au and peak values of 41.47 g/t Au over 0.73 m (true width) and 95.72 g/t Au and 15.39 g/t Ag over 0.17 m (true width), both in Hole TR-11-119 occurring as stacked/parallel veins within the system. Hole TR-11-67 revealed 62.83 g/t Au, 20.8 g/t Ag and 1.7% Pb over 0.32 m (true width). The most significant gold result was obtained in hole TR-11-61 with 14.22 g/t over a true width of 3.27 m. Significant Au drill intersections are presented in the following table.

**TABLE 4: COSSETTE VEIN, SIGNIFICANT DRILL INTERCEPTS WITH TRUE WIDTHS**

Hole #	Vein	From (m)	To (m)	Core width (m)	Au (g/tonne)	True width (m)
TR-11-19	North	8.80	10.0	1.2	10.55	1.03
TR-11-55	South	20.00	23.30	3.30	3.84	2.80
TR-1157	South	5.95	7.55	1.60	9.57	1.22
TR-11-61	South	23.00	26.80	3.80	14.22	3.27
TR-11-73	South	24.10	26.05	1.95	22.69	1.68
TR-11-78	South	6.10	8.25	2.15	9.92	1.50
TR-11-119	South	8.40	9.95	1.55	22.86	1.33

The Cossette vein is illustrated on figure 9, hereafter.



**FIGURE 9: COSSETTE VEIN**

**Spirit Lake Gold Area:** another historical mineralized zone, poorly defined, is located in the NE part of the property, close to the boundary. Historically, It was named the **Jellenich showing.** In 1969, Van de Walle, on behalf of the MRNFQ, described three quartz veins, all located in Rg VIII, Lots 60 and 61, Trecesson Twp, as follows:

*"No 1 vein: is situated nearby and to the south of the E-W gravel road. It strikes about 44°E, is 1 to 4 feet wide and is exposed only along 100'. Prospect trenches and pits are mostly water-filled. At the NE side of the vein some transverse displacements occur. It is associated locally with a strong chloritic shear zone along its contact. Visible gold has been reported in this vein. One grab sample gave the following results: 0.086 oz/Ton Au, 0.108oz/Ton Ag and 0.02% Cu.*

*Vein no 2: Appears to be the most persistent. It has been followed for about 200 feet and seems to be still open at both ends. The vein is 2 to 6 feet wide, strikes from 40°E to 60°E and dips almost vertically. The wall zone of the vein consists partly of sheared greenstone probably the result of chloritisation along a shearzone. Heavy pyritization has locally taken place into the granitic country rock. This has led the scraping and blasting on the west side of the vein to be carried out in the wrong place, as prospecting was concentrated on the pyrite zone rather than on the vein itself. As a result, waste rocks have been dumped on the main vein, which is scarcely visible now. Three grab samples have been taken for assay. Sample no. 1, of chloritic quartz, returned no values. Sample no 1b, of pyritized granite, returned 0.013 oz/Ton Au. Sample no 2, of quartz carbonate and pyrite, returned 0.361 oz/Ton Au and 0.171 oz/Ton Ag.*

*Vein no 3: is also situated along the E-W gravel road but 950 feet further west. It strikes about 44°E, dips vertically and is up to 6 feet wide. It is exposed only along 70 feet. A grab sample assayed 0.357 oz/Ton Au and 0.757 oz/Ton Ag."<sup>11</sup>*

The same area (Veins # 1 and 2) was drilled by Radisson Mining Resources in 1985 and returned the following gold values:

Hole TRE-85-8:	2.57 g/t Au over 2.4 m;
Hole TRE-85-10:	1.37 g/t Au over 0.9 m;
Hole TRE-85-11:	1.03 g/t Au over 1.28 m;
Hole TRE-85-12:	2.40 g/t Au over 1.28 m;
Hole TRE-85-13:	0.17 g/t Au over 0.48 m;
Hole TRE-85-14:	1.05 g/t Au over 0.56 m;
Hole TRE-85-16:	1.71 g/t Au over 0.36 m.

<sup>11</sup> Excerpt from GM 28531, property visit by Marc Van de Walle.

Re-logging and re-sampling by Knick in 2011 confirmed the presence of Veins 1 and 2 at depth with a best assay result of 3.01 g/t Au across 4.1 m, (including 5.13 g/t Au across 1.99 m) in hole TRE-85-12. The drilling results suggest that Vein # 1 is comprised of a system of parallel veins having a drill inferred strike length of 500 m.

Recently, in 2011, prospecting was done by Knick over the same area, now known as the **Spirit Lake Gold Area**. The 3 veins described by Van de Walle in 1969 were found in old workings and a total of 65 samples were taken and assayed for gold. Veins # 1, 2 and 3 were exposed on surface along lengths of 50, 150 and 100 m respectively, and up to 4 m in width. It appears that Veins 2 and 3 are the same vein separated by 150 m of overburden covered ground and having a strike length of 400 m. Even though much of the old trenches and pits were water filled, the presence of gold in all three of the Spirit Lake veins was confirmed. The best gold results included: grab samples assaying: 1.44, 1.58, and 1.89 g/t in Vein # 1; 3.6, 5.07 and 9.5 g/t in Vein # 2 and vicinity; and 18.21 g/t in Vein # 3. The Spirit Lake vein system is illustrated on figure 10, hereafter.

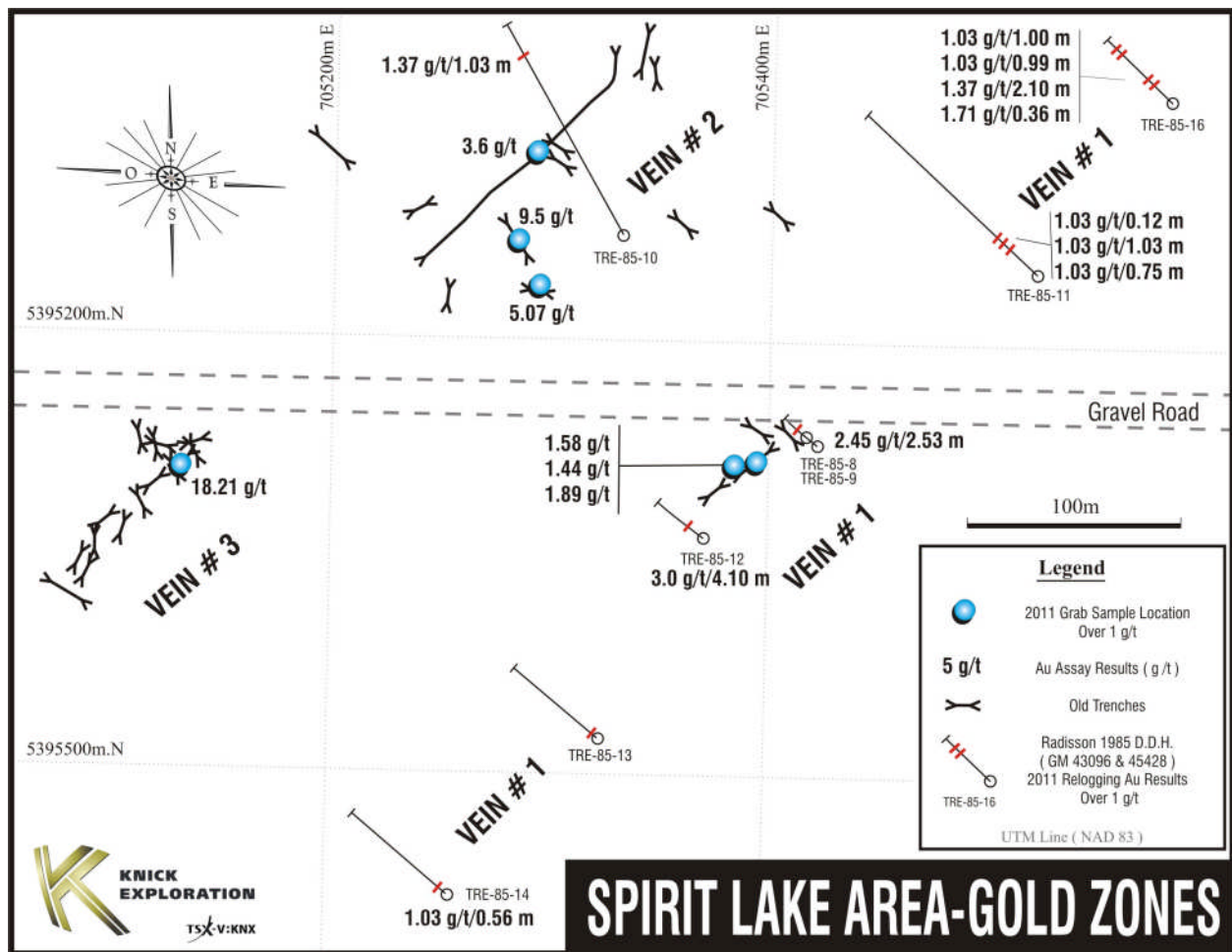


FIGURE 10: SPIRIT LAKE AREA, GOLD ZONES

**Chib-Kayrand Gold Vein System**, is located in the east part of the property. During the 1930s, Nortrac Mining explored the Chib-kayrand area for gold. In 1935, a 95-foot deep inclined shaft was sunk with 50 feet of crosscutting north and south. In 1937, the same company sunk a two-compartment shaft to a depth of 112 feet with 1,000 feet of drifts and crosscuts on the 100 feet level. At the 100 ft level, an inferred ore shoot of 2,750 tons grades 0.30 oz/ton Au, with the vein being exposed across a true width of 15 ft. A 45 ft length of the vein at a drift width of 6 ft, assayed 0.42 oz/ton Au. On surface, the #1 Vein was exposed for 80 feet across 5.7 feet averaging 0.32 oz/ton Au and containing visible gold.

Nine other quartz veins have been found in the area of the #1 Vein. These veins, described in historical reports and delineated during prospecting and sampling by Knick in 2012 are described below.<sup>12</sup>

- **Gold Star vein**: was exposed for 91.5 m long and 7.9 m wide and has returned values up to 88 g/t Au across 7.9 m. Two samples taken west of the north end of the Gold Star vein assayed 55.9 g/t Ag, 1.95% Cu and 57.3 g/t Ag with 1.96% Cu;

- **Cu vein west of the Goldstar vein**: is exposed in old workings along 100 m. Historic samples assayed 1.95 and 1.96% Cu and 55.9 and 57.3 g/t Ag. Knick sampling reconfirmed the results with a grab sample assaying 1.14% Cu, 0.287 g/t Ag and 30.2 g/t Ag.

- **Goyette vein**: was exposed for a length of 91.5 m and a width of 1.5 m. Geologists working for the MRNF (report ET 98-04) estimate that the Goyette vein is an extension of the #1 and #12 veins for a total strike length of 900 m;

- **# 6 vein**: was exposed along 4.8 m and up to 0.8 m in width. Historic grab sample assayed 8.99 g/t Au. One sample taken by Knick in 2012 returned 1.61 g/t Au;

- **# 7 vein**: was exposed for a length of 61 m and a width varying from 0.3 to 0.9 m. Visible gold was reported. Sampling in pits on this vein over 24.4 m across 0.5 m gave an average of 13 g/t Au. Two samples (one grab and one pit rubble) taken by Knick in 2012 returned respectively 14.13 and 6.27 g/t Au;

- **# 9 vein**: was traced by trenches and exposed for 457 m and from 1.2 to 6.1 m in width. Historic bulk sample on this vein assayed 28.8 g/t Au (tonnage not disclosed). Sampling by Knick in 2012 returned 39.33 and 420.37 g/t Au in trenches rubbles with low WO<sub>3</sub> values. Furthermore, in 1941, grab samples taken by Kayrand Mining from a quartz vein returned up to 2.7% and 27.5% WO<sub>3</sub>. In 1951, Quebec Tungsten sent 13,500 pounds of quartz vein material as a bulk sample to Val-d'Or for milling. The bulk sample averaged 0.45% WO<sub>3</sub>. The bulk sampling method was as follow: "Blasting

---

<sup>12</sup> Except if indicated, all size and values of veins are from historical reports and have not been verified by the author



was done at intervals over a vein length of 75 feet, and a width varying from 5 to 30 feet.”<sup>13</sup> Figure 9, on next page, show the position of the veins.

- # 11 vein: was traced by trenches and exposed for 4.57 m with an average width of 0.3 m, with assays up to 8.9 g/t Au;

- # 12 vein: one drill hole returned 11.3 g/t Au, no width indicated and drill intersections widths of 1.8 to 2.4 m have been reported. Two sub-parallel veins were recognized over a length of more than 200 m.

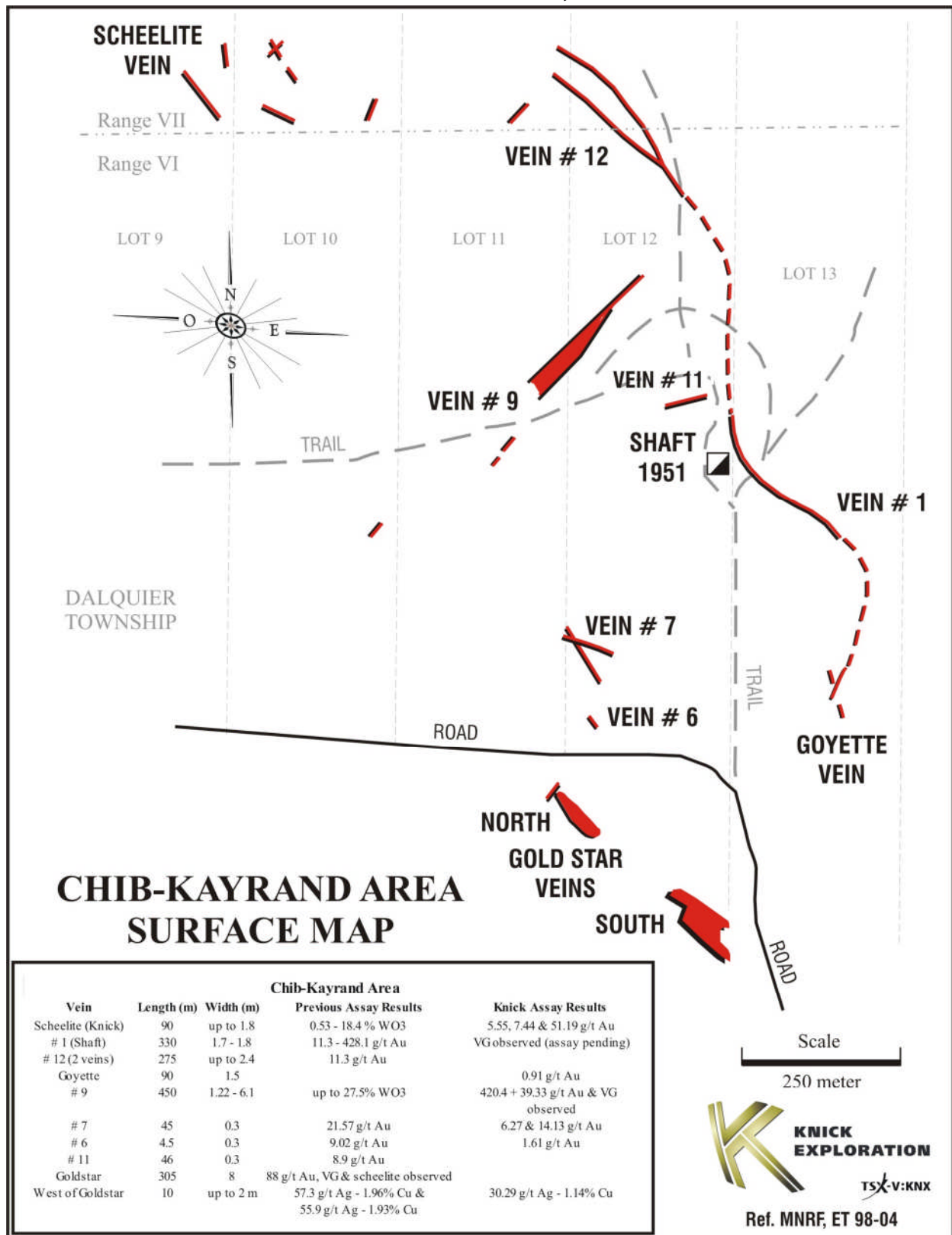
The Scheelite Vein system: is comprised of 4 veins (Scheelite 1W and veins 2, 3 and 4) located 900 to 1050 m NW of the #1 Vein shaft. Historic map and report show that the Scheelite Vein (1W) is 75 m long and is up to 1.8 m wide, containing WO<sub>3</sub> concentrations of 0.35 to 18.4% averaging 0.5% WO<sub>3</sub>. Veins 2 and 3 contain 0.43 to 0.47% WO<sub>3</sub> and vein #4 assayed 0.03 to 0.06 oz/ton Au. Prospecting by Knick in 2012, proved that the Scheelite Vein is Au rich with grab samples of outcrops and trench rubble assaying 5.55, 7.44 and 51.19 g/t Au and up to 251 ppm W.

The Chib-Kayrand area surface map is shown on figure 11 on next page.

---

<sup>13</sup> Source: GM 04150A.

FIGURE 11: CHIB-KAYRAND AREA, SURFACE MAP



The ***Mallich zone*** is a sulphide zone. The strike of the mineralized zone is generally SE with a dip to the SW. Strike and dip are locally variable because of their proximity to the Trecesson intrusive. The zone varies in width from 1 to more than 15 m. It is made up of disseminated to semi-massive sulphides, mainly pyrite, pyrrhotite, sphalerite and to a lesser extent chalcopyrite, and gold is also present locally. The mineralization is enclosed in rhyolitic rocks, sometimes brecciated. Sericite and chlorite alteration have been regularly reported. Historical values of up to 1.28% Zn, 0.33% Cu, and 0.32 oz/t Ag over 15 m and 18.51 g/t Ag with 1% Cu over 1 m have been obtained.

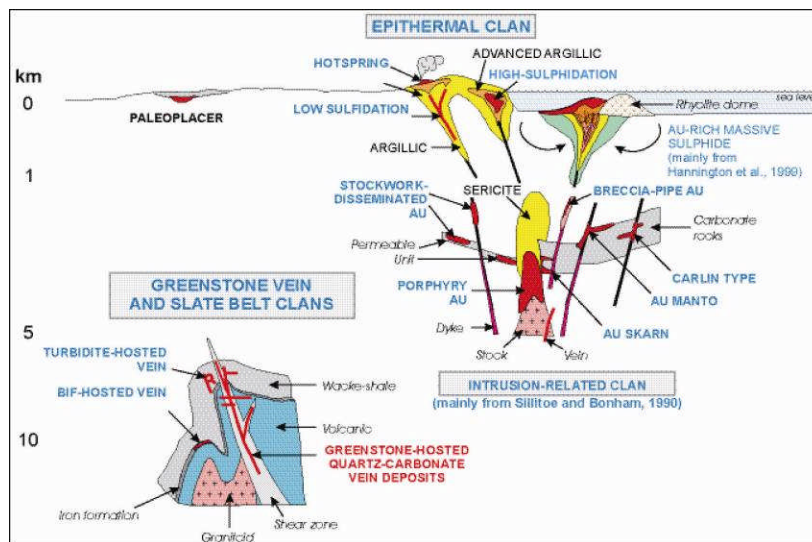
The ***Raymor/Mondor Sulphide zone*** is, as its name implies, a sulphide zone, located in the east part of the property. It is made up of intersections of disseminated to semi-massive sulphides mainly composed of pyrite, pyrrhotite and sphalerite, in a context of intermediate to felsic volcanics. Enclosing rocks are also altered in sericite and silicified locally. This zone was drilled over a strike length of 400 m to a maximum depth of 300 m. Values of up to 8.54% Zn over 0.6 m and 0.22 oz Au /t over 0.3 m were obtained.

The location of the mineralized zones is shown in Figure 4, "Historical Drilling".

## 8.0) DEPOSIT TYPES

### Cossette, Spirit Lake, Chib-Kayrand

The mineralization seen on the property, both in drilling and in outcrops, consists of quartz veins intruded into shear zones. These are in fact gold-bearing quartz-carbonate veins with variable sulphide content, generally pyrite but the north part of the Cossette vein is also mineralized in chalcopyrite, sphalerite and galena. Values of up to 4.76 oz/t Au, 3.96 oz/t Ag, 13.26% Cu, 11.16% Zn and 10.73% Pb have been obtained in grab samples from the Cossette North zone, reported by Radisson and recently confirmed by Knick. Arsenopyrite was not mentioned in any of the documents reviewed.



**FIGURE 12: DEPTH OF FORMATION**

The Spirit Lake and Chib-Kayrand showings have many similarities with the Cossette vein, but with less base metals; we consider their genetic model to be quite similar to the Cossette vein.

### Mallich and Raymor/Mondor

Finally, while 75% of the property is covered by a felsic intrusive, the remaining 25% is underlain by the volcanics of the Lac Arthur formation, which on the property is made up of rhyolite, dacite and andesite. This kind of rock can be fertile for volcanogenic massive sulphide (VMS) orebodies. Typical orebodies of this type are the Horne and Quémont mines in the Rouyn-Noranda area, and the Mattagami Lake mine in the Matagami area. The VMS potential lies in the Mallich and Raymor/Mondor areas, which are both located in intermediate to felsic rocks generally altered in sericite and chlorite, and both silicified. Unfortunately no lithochemical samples have been taken

in the past to characterize the level of alteration and try to locate the heart of the sulphide zones. All their characteristics show that they are of the volcanogenic massive sulphide (VMS) type of orebody.

## **9.0) EXPLORATION**

The exploration work undertaken by Knick since it acquired the property consists of the following:

- 121 drill holes totalling 3,475.7 m, which are described in detail under Item 10.0, "Drilling"
- Prospecting over the Spirit Lake Gold Area (previously called the Jelenich showing)
- Prospecting over the Chib-Kayrand Gold Area.
- Acquisition of core drilled by Radisson Mining Resources in 1985-1986, which totals 668 core boxes.

### **9.1) PROSPECTION**

#### **9.1.1) ON SPIRIT LAKE**

During the fall of 2011, prospecting was carried over the NE part of the property on the Spirit Lake Gold Area, the zone historically known as the Jelenich showing. It was drilled in 1985-86 by Radisson Mining Resources. The Radisson drill results are reported under Item 6.0, "History" and Item 7.4, "Significant Mineralized Zones". Knick located several old trenches and took a total of 65 grab samples. The best results obtained were reported in a Knick press release dated December 8, 2011, and are as follow:

**TABLE 5: BEST RESULTS, SPIRIT LAKE GOLD AREA 2011 SAMPLING**

Sample Number	UTM coordinates East	UTM coordinates North	Sample Type	Au (fire) g/t
21901	705 390	5 395 145	Grab trench o.c.	1.44
21960	705 383	5 395 140	Trench rubble	1.58
21967	705 292	5 395 223	Trench rubble	5.07
21974	705 300	5 395 288	Trench rubble	3.6
21981	705 130	5 395 142	Trench rubble	18.21
21911	705 284	5 395 244	Grab trench o.c.	9.5
21920	705 386	5 395 135	Trench rubble	1.89
			o.c.: outcrop	



**9.1.2) ON CHIB-KAYRAND**

During the fall of 2012, Knick performed limited prospecting out over the Chib-Kayrand area. Historical trench works were found and veins were located and sampled. A total of 84 grab samples were taken of which 31 samples returned anomalous gold (greater than 100 ppb Au). Best results are tabulated hereafter.

**TABLE 6: BEST RESULTS CHIB-KAYRAND AREA 2012 SAMPLING**

Vein	Sample #	UTM zone 17 NAD 83		Sample Type	Au ppm or g/t	W ppm
		Easting	Northing			
No 9	B-21947-4	708570	5393370	Pit rubble	39.33	<10
	B-21947-6	708570	5393370	Pit rubble	0.149	172
	B-67410	708600	5393340	Trench rubble	420.37	115
No 6	B-21949	708539	5392847	Pit rubble	1.61	<10
No 7	B-67102	708608	5392919	Pit rubble	6.27	<10
	B-67104	708606	5392924	Grab trench o.c	14.13	<10
Area of Cu showing	B-67385	708524	5392669	Trench rubble 30.2 g/t Ag and 1.14% Cu	0.287	
Scheelite	16286	707935	5393719	Grab trench o.c	7.44	<10
	16289	707937	5393720	Pit rubble	5.55	<10
	16291	707930	5393724	Grab pit o.c	51.19	251

**9.2) HISTORICAL DRILL CORE ACQUISITION**

In the fall of 2011, Knick acquired the core from 29 holes drilled by Radisson Mining Resources in 1985 and 1986. They are all located on the Trecesson property. Table 6 on next page summarizes the technical parameters of the holes for which the core was acquired.

**TABLE 7: HISTORICAL DRILL HOLES ACQUIRED FROM RADISSON**

Year	Hole number	UTM coordinates		Mineralized zone
		UTME	UTMN	
1985	TRE-85-1	704 591	5 391 647	Cossette vein area
1985	TRE-85-2	704 629	5 391 647	Cossette vein area
1985	TRE-85-3	704 662	5 391 576	Cossette vein area
1985	TRE-85-4	704 567	5 391 386	Cossette vein area
1985	TRE-85-5	704 473	5 391 651	Cossette vein area
1985	TRE-85-6	704 494	5 392 163	Cossette vein area
1985	TRE-85-7	704 463	5 392 161	Cossette vein area
1985	TRE-85-8	705 403	5 395 162	Spirit Lake Gold Area
1985	TRE-85-9	705 404	5 395 161	Spirit Lake Gold Area
1985	TRE-85-10	705 322	5 395 249	Spirit Lake Gold Area
1985	TRE-85-11	705 496	5 395 265	Spirit Lake Gold Area
1985	TRE-85-12	705 333	5 395 144	Spirit Lake Gold Area
1985	TRE-85-13	705 282	5 395 038	Spirit Lake Gold Area
1985	TRE-85-14	705 207	5 394 970	Spirit Lake Gold Area
1985	TRE-85-15	701 421	5 393 619	Mallich
1985	TRE-85-16	705 576	5 395 360	Spirit Lake Gold Area
1985	TRE-85-17	701 603	5 393 844	Mallich
1985	TRE-85-18	701 201	5 393 548	Mallich
1985	TRE-85-19	702 091	5 394 627	Mallich
1985	TRE-85-20	701 969	5 394 462	Mallich
1985	TRE-85-21	702 894	5 392 138	West of Cossette
1986	TRE-86-22	701 800	5 394 494	Mallich
1986	TRE-86-23	702 100	5 394 617	Mallich
1986	TRE-86-24	702 080	5 394 784	Mallich
1986	TRE-86-25	701 297	5 394 130	Mallich
1986	TRE-86-26	701 355	5 393 954	Mallich
1986	TRE-86-27	701 307	5 393 586	Mallich
1986	TRE-86-28	703 843	5 394 689	East of Mallich north of Cossette
1986	TRE-86-29	703 944	5 393 136	North of Cossette

### 9.3) PETROGRAPHIC STUDY

In 2012, G.M. Yordanov completed a petrographic study of gold occurrences in the Cossette South vein. His conclusions were as follows: "The chemical composition of gold is more or less 70% Au and 30% Ag. Gold occurs in pyrite and in some cases in association with galena. Gold is present in the microfracture and inclusion in pyrite. Gold grain size varies from 0.01 to 0.04 mm. Pyrite containing gold is broken and it has a polymorphic shape."

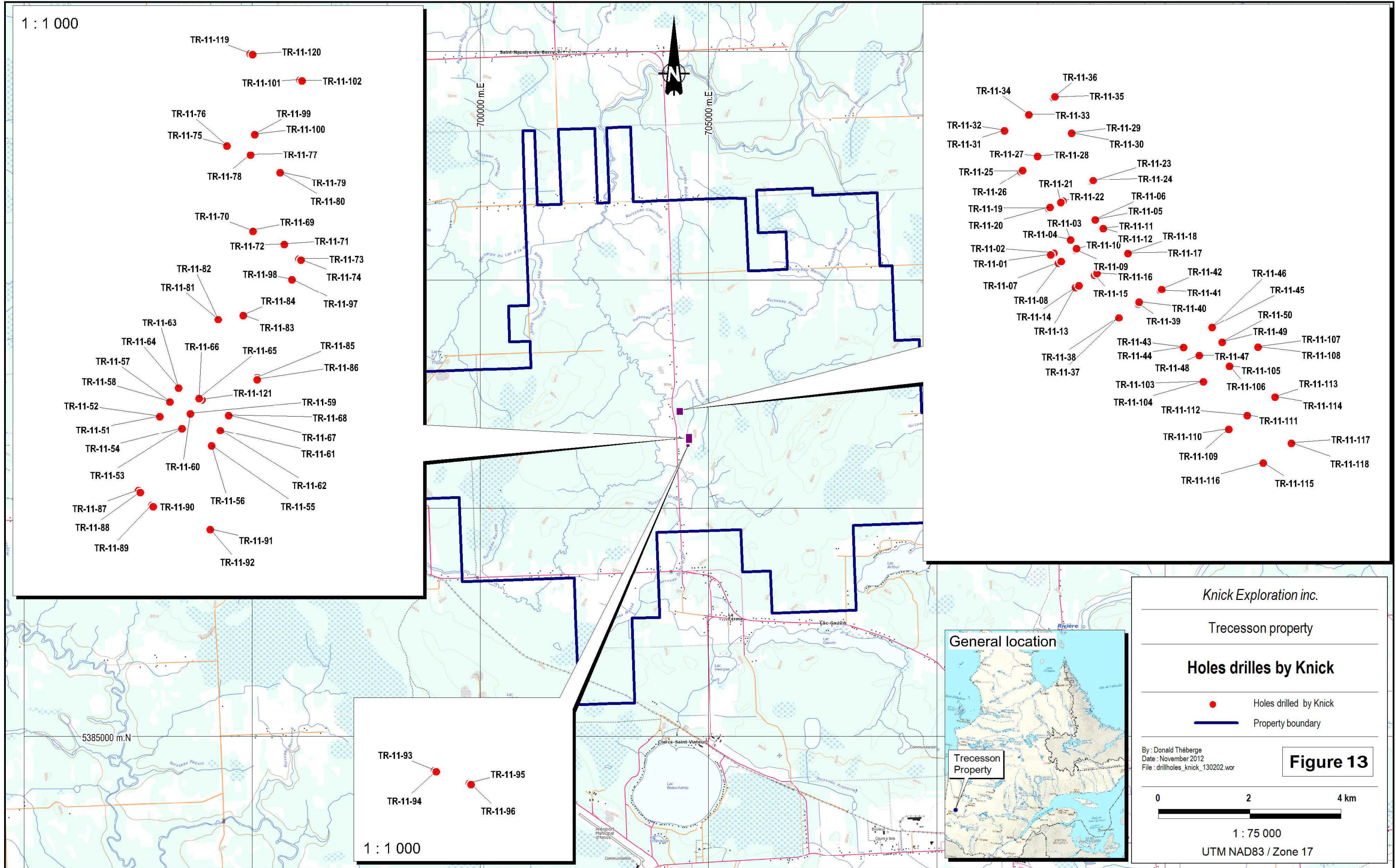
## **10.0) DRILLING**

Since it acquired the property in 2010, Knick has drilled 121 holes totalling 3,475.7 m, for an average of 28.7 m per hole. Drilling was contracted by Forage Performax Drilling, located at 116, rue Self, Val-d'Or, Québec. Core size was NQ. Hole deviation was measured using a Reflex instrument. All the holes were drilled on the Cossette vein area.

On the north part of the Cossette vein (Cossette North), sections were generally drilled at 12.5 m spacing. On the south part of the Cossette vein (Cossette South), the spacing between sections varied from 12.5 to 25 m. A total of 23 sections were drilled, with 12 on the Cossette North and 11 on the South Cossette. Usually, six holes were drilled on each section, from three drill set-ups, or two drill holes per set-up. Both the Cossette North and South veins were generally drilled to a vertical depth of 25 m, with several sections going to 35 to 40 m. Hole azimuth varied from SW to NW or from 230° to 300°. Interpretation is now underway to establish the true width of the mineralized zone.

The most significant gold result was obtained in Hole TR-11-61 with 14.22 g/t Au over 3.27 m (true width). The best peak gold result was obtained in Hole TR-11-119, with 95.72 g/t Au, 15.3 g/t Ag, 1,676 ppm Cu, 885 ppm Zn and 246 ppm Pb over 0.17 m true width. The next highest value was from Hole TR-11-67, with 62.83 g/t Au, 20.8 g/t Ag, 125 ppm Cu, 228 ppm Zn and 1.7% Pb over 0.32 m true width. Many gold values over 1 g/t were also obtained. Free gold is often observed. When Cu, Zn or Pb values are high, the gold content is usually in the order of several grams, but many high gold values are not associated with high base metal values. There are probably two kinds of gold mineralization, one free and the other associated with base metals (Cu, Zn or Pb). It should be noted that intersection lengths are core lengths, unless otherwise stated. Drill hole locations are shown in Figure 11, the technical parameters of the drill holes and best results obtained are summarized in Table 8.





**Table 8: Holes drilled by Knick, technical parameters and best results**

Number	Easting (m.)	Northing (m.)	Dip (degrees)	Az (degrees)	Length (m)	From (m)	To (m)	Width (m)	Au (rire) (ppm)	Au (MS) (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
TR-11-01	704344.30	5392122.90	-45	235	12	5.9	6.5	0.6		0.49	0.7	77	97	284
TR-11-02	704345.20	5392123.40	-60	235	15	9.45	10.25	0.8		0.26	<0.2	39	36	15
TR-11-03	704350.00	5392127.30	-45	235	18	10.9	11.2	0.3		0.42	<0.2	111	26	8
						12.4	13.5	1.1		0.38	<0.2	65	39	52
TR-11-04	704350.00	5392127.30	-55	235	20.1	11.55	12.6	1.05	0.126		<0.2	21	18	7
						13.1	13.8	0.7		0.68	<0.2	83	19	17
TR-11-05	704357.30	5392133.20	-45	235	49.5									
TR-11-06	704357.30	5392133.20	-60	235	62									
TR-11-07	704346.50	5392120.50	-45	235	12	5	6.15	1.15		2	0.3	45	40	11
TR-11-08	704347.30	5392121.00	-60	235	16.5									
TR-11-09	704351.60	5392124.30	-45	235	18	12.5	13.5	1		0.5	<0.2	67	25	43
TR-11-10	704351.80	5392124.70	-55	235	20.2									
TR-11-11	704359.60	5392130.60	-45	235	30.4	24.8	25.4	0.6		0.17	0.4	566	38	641
TR-11-12	704359.60	5392130.60	-60	235	40	23.75	24.8	1.05	0.105		<0.2	35	26	10
TR-11-13	704351.50	5392113.40	-45	235	13.3	5.8	6.6	0.8		0.19	<0.2	403	42	19
TR-11-14	704352.50	5392114.00	-60	235	16									
TR-11-15	704357.10	5392117.00	-45	235	19	11.85	12.8	0.95	0.124		0.2	28	37	11
						12.8	13.5	0.7		0.35	<0.2	86	22	10
TR-11-16	704357.80	5392117.50	-55	235	22	16.2	17.15	0.95	0.132		<0.2	21	19	8
						17.15	18.1	0.95	0.595		<0.2	44	20	14
TR-11-17	704366.80	5392123.30	-45.1	225.6	37									
TR-11-18	704366.80	5392123.30	-60.4	235.3	40.5									
TR-11-19	704343.60	5392136.50	-45	235	18.2	7.8	8.8	1		<0.03	<0.2	125	33	15
						8.8	10	1.2		10.55	1.4	545	43	39
						10	11.5	1.5	0.005		<0.2	18	36	8
TR-11-20	704344.00	5392136.80	-60	235	20	11.35	11.9	0.55	0.005		<0.2	205	27	7
						11.9	12.9	1		6.67	1.4	662	34	47
						12.9	13.4	0.5	0.023		<0.2	19	18	9
TR-11-21	704347.20	5392138.20	-46.1	241.5	18	12.2	13.2	1	0.026		<0.2	41	26	9
						13.2	13.7	0.5		8.22	4	1127	25	20
						13.7	14.65	0.95	0.053		<0.2	23	23	10
TR-11-22	704347.80	5392138.60	-56.8	240.5	22.5	16.1	16.85	0.75	0.009		<0.2	17	22	9
						16.85	17.9	1.05		3.69	<0.2	47	20	13
						17.9	19.4	1.5	<0.005		<0.2	18	32	8
TR-11-23	704356.30	5392144.30	-45.6	244.3	35	1.5	2.2	0.7	0.082		<0.2	19	23	9
						24.55	25.7	1.15		0.46	<0.2	41	16	12
TR-11-24	704356.60	5392144.60	-60.7	244.7	41	23.45	24.95	1.5	0.006		<0.2	20	33	8
						24.95	25.4	0.45		2.87	1.2	1770	60	37
						25.4	26.4	1	0.01		<0.2	25	35	13
TR-11-25	704335.50	5392147.30	-45	235	10									
TR-11-26	704336.00	5392147.60	-60	235	14									
TR-11-27	704340.40	5392151.60	-45	235	20	10	11.5	1.5	0.015		<0.2	19	32	8
						11.5	12.8	1.3		3.97	<0.2	240	20	14
						12.8	13.8	1	0.087		<0.2	22	22	8
TR-11-28	704340.40	5392151.60	-55	235	22	15.45	16.4	0.95		0.78	<0.2	344	16	7
TR-11-29	704350.30	5392158.40	-45	235	34.5									
TR-11-30	704350.30	5392158.40	-59.4	226.5	41									
TR-11-31	704330.70	5392159.20	-45	235	10.2	3.5	5	1.5	0.008		<0.2	20	26	7



**Table 8: Holes drilled by Knick, technical parameters and best results**

Number	Easting	Northing	Dip	Az	Length	From	To	Width	Au (rire)	Au (MS)	Ag	Cu	Zn	Pb
						5	5.8	0.8		2.12	0.3	113	19	13
						5.8	7.3	1.5	0.015		<0.2	20	31	7
TR-11-32	704330.70	5392159.20	-60	235	12.2	5.85	7.35	1.5	0.007		<0.2	29	26	11
						7.35	8.3	0.95		2.17	<0.2	68	28	8
						8.3	9.9	1.6	0.008		<0.2	17	26	7
TR-11-33	704337.80	5392163.80	-45	235	26.6									
TR-11-34	704337.80	5392163.80	-55	235	28.1	19.4	20	0.6	0.58		<0.2	29	19	9
TR-11-35	704345.10	5392168.80	-45	229.9	42	25.75	27.25	1.5	0.173		<0.2	80	23	10
						27.25	27.95	0.7		0.79	0.4	124	29	10
						27.95	28.3	0.35	0.041		<0.2	23	30	91
						28.3	28.9	0.6	2.13		0.4	44	22	15
						28.9	30.4	1.5	0.006		<0.2	16	24	6
TR-11-36	704345.50	5392169.10	-60	235	46.5									
TR-11-37	704364.20	5392104.50	-45	235	10									
TR-11-38	704364.20	5392104.50	-60	235	16.3	8.3	9.8	1.5	0.014		<0.2	21	32	8
						9.8	10.35	0.55	9.43		0.7	25	22	10
						10.35	10.6	0.25		1.46	0.4	1913	50	490
						10.6	11.75	1.15		0.1	<0.2	45	30	13
TR-11-39	704369.90	5392108.60	-44.9	228.9	20									
TR-11-40	704370.10	5392109.10	-55.2	230.6	23									
TR-11-41	704376.30	5392112.50	-45	235	34.5									
TR-11-42	704376.70	5392112.80	-60	235	41									
TR-11-43	704383.10	5392095.90	-43.6	239.6	23									
TR-11-44	704383.10	5392095.90	-55	235	26	20.1	21.1	1	0.018		<0.2	27	24	7
						21.1	21.5	0.4		1.46	<0.2	73	10	5
						21.5	22.15	0.65	0.027		<0.2	15	17	7
						22.15	23.2	1.05		1.77	0.6	193	18	14
						23.2	24.7	1.5	0.01		<0.2	24	26	9
TR-11-45	704391.40	5392101.70	-45	235	36.8	30.6	31.2	0.6		<0.03	0.3	46	63	11
						31.2	31.7	0.5		1.17	4.1	418	11400	619
						31.7	32.3	0.6	0.014		<0.2	31	99	13
						32.3	33.4	1.1		1.89	1.4	82	1860	104
						33.4	34.8	1.4	0.01		<0.2	18	21	6
TR-11-46	704391.40	5392101.70	-60	235	42									
TR-11-47	704387.30	5392093.40	-45	235	22	16.8	18.25	1.45	0.012		<0.2	52	26	13
						18.25	19.2	0.95		5.77	2.7	91	1425	634
						19.2	19.7	0.5	0.008		<0.2	69	58	18
						19.7	20.1	0.4		3.04	1.4	611	4395	197
						20.1	20.5	0.4	0.007		<0.2	22	11	8
TR-11-48	704387.60	5392093.50	-55	235	29	20.4	21.65	1.25	0.193		<0.2	28	31	81
						21.65	22.4	0.75		16.9	3.8	796	375	243
						22.4	23.2	0.8	0.17		<0.2	64	34	10
						23.2	23.4	0.2		7.72	1.6	5563	37	116



**Table 8: Holes drilled by Knick, technical parameters and best results**

Number	Easting	Northing	Dip	Az	Length	From	To	Width	Au (rire)	Au (MS)	Ag	Cu	Zn	Pb
						23.4	24.4	1	0.028		<0.2	63	12	7
TR-11-49	704394.30	5392097.40	-45	235	37.5	32.3	33.2	0.9	0.385		<0.2	25	26	6
TR-11-50	704394.30	5392097.40	-60	235	47									
TR-11-51	704560.40	5391486.30	-45	300	12	2.95	4.45	1.5	0.007		<0.2	19	39	16
						4.45	5	0.55		1.24	<0.2	63	56	41
						6	7.5	1.5	0.007		<0.2	61	104	26
TR-11-52	704560.40	5391486.30	-60	300	14.1	5.4	6.9	1.5	0.221		0.2	24	46	14
						6.9	7.6	0.7		6.26	1	101	135	849
						7.6	7.9	0.3	0.31		<0.2	54	184	39
						7.9	9.1	1.2	0.162		<0.2	28	25	13
TR-11-53	704566.90	5391482.80	-45	300	23.2	10.3	11.8	1.5	<0.005		<0.2	28	40	16
						11.8	12.2	0.4		5.16	0.2	577	477	72
						12.2	12.5	0.3	<0.005		<0.2	37	131	221
TR-11-54	704566.90	5391482.80	-55	300	25	12.3	13.7	1.4	<0.005		<0.2	20	33	10
						13.7	14.5	0.8		1.83	2.3	140	73	47
						14.5	15.9	1.4	0.12		<0.2	41	102	20
TR-11-55	704575.50	5391477.70	-45	300	42.5	20	21.5	1.5	0.283		<0.2	32	41	15
						21.5	22.2	0.7		16.46	2.2	405	63	66
						22.2	23.3	1.1		0.66	<0.2	101	71	21
TR-11-56	704575.50	5391477.70	-60	300	48.2	25.1	26.6	1.5	0.019		<0.2	18	26	9
						26.6	28.1	1.5		4.68	0.5	123	94	30
						28.1	29.55	1.45	0.01		<0.2	22	30	13
TR-11-57	704563.30	5391490.50	-45	300	12.2	4.55	6.05	1.5	0.01		<0.2	54	33	21
						6.05	6.8	0.75		15.48	5.8	1049	634	25051
						6.8	7.55	0.75		2.88	<0.2	122	60	69
						7.55	9.05	1.5	0.01		<0.2	45	89	26
TR-11-58	704563.30	5391490.50	-60	300	20	8	9.5	1.5	0.027		<0.2	41	58	13
						9.5	10	0.5		5.18	0.6	656	23	74
						10	10.75	0.75		1.49	<0.2	58	130	35
						10.75	12.4	1.65	0.006		<0.2	30	44	17
TR-11-59	704569.30	5391487.10	-46.4	288.3	23									
TR-11-60	704569.30	5391487.10	-55	300	29	16.7	17.15	0.45		0.62	<0.2	89	34	151
TR-11-61	704578.00	5391482.20	-44.6	298.2	38	21.5	23	1.5	0.012		<0.2	25	34	10
						23	24.5	1.5		33.1	5.6	74	138	85
						24.5	26	1.5	1.61		<0.2	50	57	25
						26	26.8	0.8	2.47		<0.2	55	61	24
						26.8	28.3	1.5	0.048		<0.2	25	24	8
TR-11-62	704578.00	5391482.20	-60	300	47	27.3	28.7	1.4	0.158		<0.2	42	93	81
						28.7	29	0.3		38.03	19.7	35	154	1166
						29	30.6	1.6	0.02		<0.2	53	78	48
						30.6	31.3	0.7	0.193		<0.2	122	85	46
TR-11-63	704565.90	5391494.60	-45	300	12	2.6	4.1	1.5	0.016		<0.2	20	30	14
						4.1	4.5	0.4		3.32	<0.2	138	90	1811







## **11.0) SAMPLE PREPARATION, ANALYSIS AND SECURITY**

### **11.1) HISTORICAL WORK**

As was often the case for the exploration work done prior to 2001, no or very little information is given in the historical reports concerning sample preparation, analysis and security. The recent reports (2005-2009) indicate only the sample results and the certificates from the laboratory. No check assays were done, other than those performed by the laboratory in the analytical process. It should also be noted that free gold was observed in the Cossette vein.

### **11.2) WORK BY KNICK**

#### **11.2.1) DRILLING**

For the diamond drilling, sampling was restricted to mineralized and/or silicified zones (quartz/carbonates veins, sulphides, etc.) and their footwall and hangingwall. Generally, assaying tested for Au, Ag, Cu, Zn and Pb. Core recovery was almost 100%. The author has observed the drill core stored at Knick's office in Val-d'Or and attests to the fact that the samples collected are representatives and the sampling did not introduced any biases. The following text describes the handling of samples from the drill up until the assay result.

Each day, or as required, a Knick technician picks up the drill core at the drill site and brings it to the Knick core shack, located in the basement of the Knick exploration office, located at 536 3<sup>rd</sup> Avenue, Val-d'Or (Quebec) J9P 1S4. Core boxes are then opened and put on racks. The core is logged as soon as possible by Robert Campbell, geologist, who indicates the samples and inserts the sample numbers into the core boxes. The core is photographed before sampling, then a Knick technician samples the core. Samples are sawed using a diamond blade saw. One half of the core is kept in the core box as a witness, while the other half is put in a plastic bag with the sample number, and the bag is sealed. This process is repeated for each sample.

After that, the sample bags are grouped by batch of 15 to 20 bags and put into a shipping bag identified and sealed by a technician. About once every week, these bags are brought to Laboratoire Expert, located at 127 boulevard Industriel in Rouyn-Noranda, by a Knick technician. The entire process is under the supervision of Robert Campbell, geologist. A total of 884 samples were analysed for Au, Ag, Cu, Zn and Pb, with 168 gold assays performed by metallic sieve and the remaining 716 gold assays completed using fire assay with atomic absorption finish.

Once received by the laboratory, samples are placed in numerical order and compared with the packing list. If the samples received do not correspond to the client list, the client is notified. After that, the samples are dried, then crushed to 90% minus 10 mesh, and riffled to approximately 300 g, which is pulverized to 90% minus 200 mesh.

Gold is first assayed by fire assay with atomic absorption finish. This method has a lower detection limit of 5 ppb. Samples assaying over 1,000 ppb or 1 ppm are checked gravimetrically. If Knick's geologist observed or suspected free gold in the sample, a metallic sieve analysis is requested. In this type of assay, the total sample is dried if necessary, crushed and pulverized, then screened using a 100-mesh screen. The -100 mesh fraction is mixed and assayed in duplicate by fire assay with gravimetric finish, as is all of the +100 mesh fraction. All individual assays are reported, along with the final calculated value.

Ag, Cu, Zn and Pb are analysed using one of the following two methods:

- Partial digestion using nitric and hydrochloric acids for dissolution; the lower detection limit is 2 ppm for Cu, Zn, Pb, and 0.2 ppm for Ag.
- Total or near total digestion using a higher concentration of nitric and hydrochloric acids for dissolution. In this case, the lower detection limit is 0.01% for Cu, Zn and Pb and 3 ppm for Ag.

Laboratoire Expert is a laboratory accredited by the "Standard Council of Canada: proficiency testing provider for specific mineral analysis parameters", and more precisely for the analysis of Au, Pt, Pd, Zn, Ni and Co. It is certified ISO 9001:2008, which is a general certification for quality assurance. Laboratoire Expert is completely independent of Knick.

Knick performed QA/QC by having approximately 8% (73) of the rejects from Laboratoires Expert re-assayed by Agat Laboratories, located at 5623, McAdam Road, Mississauga, Ontario, L4Z 1N9. Agat Laboratories is completely independent of Knick Exploration, and is certified ISO 17025 by the Standards Council of Canada. Also, three blanks made of calcite (decorative stones) were added, and three standards inserted by Knick were assayed by Agat. It should be noted that re-assays were only done for gold. Sample preparation was as follows: dry, <5 kg crushed to 75% minus 2 mm, 250 g separation and pulverized to 85% minus 75 um. Gold assays were performed using fire assay with 30 g atomic absorption finish. Metallic sieve was also employed as requested.



Assays for blanks revealed the high quality of both laboratories, as the gold values were under the detection limit. Re-assays of the pulps show a fairly high variability between the two laboratories, which rise with the gold content and reflect the strong nugget effect already observed in the core. This high variability is observed as much in the re-assays completed by metallic sieve as in the fire assays with atomic absorption (AA) finish. Three standards were submitted for assaying but only to Agat laboratories. They show that the assay results are generally overestimated by approximately 10%. The results obtained are summarized in Table 9, "Trecesson Re-assays".

The strong positive nugget effect is better exemplified by the results of the metallic sieve assays performed by Laboratoire Expert, which were reported in a Knick press release dated September 29, 2011.

*"Knick is pleased to announce the metallic sieve assay results from the first phase drill program on the Trecesson property confirm a positive gold nugget effect in the Cossette Gold System. Out of the 112 metallic sieve sample results, 35 were influenced by the coarse fraction (31.25%), 33 samples (29.46%) increased the final weighted assay result and 2 samples (1.79%) decreased the final weighted assay result. Seventy-seven samples (68.75%) had the metallic sieve coarse fraction assays within the same range as the fine (-100 mesh) assays. From the 35 metallic sieve samples influenced by the coarse fraction, 2 assayed with gold solely localized in the coarse fraction and one sample returned gold exclusively in the minus 100 mesh fraction assays."*

Results obtained are illustrated in Table 10, "Metallic Sieve Final Weighted Assay Results Influenced by the Coarse Fraction".

#### **11.2.2) SURFACE SAMPLING (SPIRIT LAKE GOLD AREA)**

During the fall of 2011, Knick resampled the gold-bearing quartz veins on the Spirit Lake Gold Area (historically the Jelenich claims). A total of 65 grab samples were taken from trenches dug on the veins since the end of the 1950s. Assaying was done by Laboratoire Expert of Rouyn-Noranda. No blanks or standards were inserted in the analytical chain by Knick. However, 31 samples were re-assayed, also by Laboratoire Experts. Re-assay results are given in Table 11.

As for drilling, assays were performed using fire assay with AA finish, and metallic sieve was used where gold was observed or strongly suspected. Sample preparation and analytical protocol are the same as used for the drilling samples.

**Table 9: Trecesson re-assays**

DDH No.	Sample Number	From (m.)	To (m.)	Width (m)	Au (Expert) (ppm)	Au (Agat) (ppm)
TR-11-O1	B22005	4.75	5.90	1.15	0.013	0.014
TR-11-04	B22028	10.10	11.55	1.45	0.088	0.054
TR-11-05	B22041	24.80	26.30	1.50	<0.005	0.002
TR-11-06	B22049	28.65	29.40	0.75	0.018	<0.002
TR-11-07	B22063	2.80	3.90	1.10	0.01	0.008
TR-11-09	B22080	13.50	14.10	0.60	<0.03	0.33
TR-11-11	B22095	23.30	24.00	0.70	<0.005	0.002
TR-11-12	B22104	23.75	24.80	1.05	0.105	0.16
TR-11-15	B22131	11.85	12.80	0.95	0.124	0.1
TR-11-16	B22141	17.15	18.10	0.95	0.595	0.541
TR-11-17	B22147	0.00	1.10	1.10	0.036	0.024
TR-11-17	B22158	27.45	28.95	1.50	0.008	<0.002
TR-11-18	B22162	2.10	3.50	1.40	0.079	0.063
TR-11-19	B22184	8.80	10.00	1.20	10.55	10.8
TR-11-20	B22192	13.40	14.90	1.50	0.035	0.013
TR-11-21	B22198	Blank			<0.005	<0.002
TR-11-23	B22211	23.70	24.55	0.85	<0.005	<0.002
TR-11-25	B22229	3.50	4.70	1.20	0.025	0.015
TR-11-26	B22238	8.80	10.30	1.50	0.098	0.151
TR-11-28	B22246	15.45	16.40	0.95	0.78	0.909
TR-11-30	B22264	32.80	33.65	0.85	0.043	0.01
TR-11-35	B22285	25.75	27.25	1.50	0.173	<0.002
TR-11-38	B22305	10.60	11.75	1.15	0.1	0.015
TR-11-42	B22326	5.70	7.30	1.60	0.011	0.019
TR-11-43	B22340	17.00	18.60	1.60	0.036	0.026
TR-11-44	B22346	22.15	23.20	1.05	1.77	1.827
TR-11-45	B22362	26.15	27.40	1.25	0.011	0.006
TR-11-46	B22378	9.20	9.95	0.75	0.106	0.108
TR-11-47	B22390	7.15	8.15	1.00	0.013	<0.002
TR-11-48	B22409	20.40	21.65	1.25	0.193	0.008
TR-11-48	B22413	23.40	24.40	1.00	0.028	0.009
TR-11-49	B22420	21.75	22.80	1.05	0.008	<0.002
TR-11-49	B22431	32.30	33.20	0.90	0.385	0.321
TR-11-52	B22451	7.90	9.10	1.20	0.162	0.16
TR-11-53	B22459	13.50	14.70	1.20	<0.005	<0.002
TR-11-55	B22469	20.00	21.50	1.50	0.283	0.013
TR-11-56	B22477	26.60	28.10	1.50	4.68	3.485
TR-11-59	B22493	13.85	14.95	1.10	0.03	0.023
TR-11-60	B22499	18.35	19.90	1.55	<0.005	<0.002
TR-11-61	B22502	23.00	24.50	1.50	33.1	26.497
TR-11-61	B22504	24.50	26.00	1.50	1.61	3.21
TR-11-65	B22531	Blank			<0.005	0.002
TR-11-67	B22541	26.10	26.95	0.85	0.041	0.038
TR-11-71	B22567	15.05	16.55	1.50	0.018	0.053
TR-11-72	B22577	19.20	20.05	0.85	0.107	0.166
TR-11-74	B22590	30.30	31.50	1.20	0.45	0.457
TR-11-78	B22606	9.50	10.80	1.30	0.724	0.031
TR-11-80	B22615	19.95	21.60	1.65	0.061	0.019
TR-11-81	B22621	4.25	5.45	1.20	0.026	0.016
TR-11-84	B22643	6.35	7.80	1.45	<0.005	0.008
TR-11-86	B22650	19.80	21.40	1.60	1.71	2.87
TR-11-87	B22666	6.40	7.80	1.40	0.008	0.023
TR-11-89	B22673	11.90	12.75	0.85	5.67	5.948
TR-11-90	B22676	12.05	13.55	1.50	0.199	0.128
TR-11-92	B22688	26.10	27.65	1.55	0.005	0.012
TR-11-93	B22694	2.35	3.90	1.55	0.049	0.092

**Table 9: Trecesson re-assays**

<b>DDH No.</b>	<b>Sample Number</b>	<b>From (m.)</b>	<b>To (m.)</b>	<b>Width (m)</b>	<b>Au (Expert) (ppm)</b>	<b>Au (Agat) (ppm)</b>
TR-11-93	B22707	18.40	19.90	1.50	0.237	0.031
TR-11-94	B22724	34.20	35.45	1.25	0.009	<0.002
TR-11-94	B22742	58.00	59.50	1.50	0.019	0.018
TR-11-96	B22754	49.40	50.90	1.50	0.005	<0.002
TR-11-96	B22776	86.55	87.70	1.15	0.012	<0.002
TR-11-96	B22782	Blank			<0.005	<0.002
TR-11-98	B22795	12.30	13.85	1.55	0.105	0.068
TR-11-103	B22845	5.90	7.15	1.25	0.72	0.406
TR-11-104	B22856	9.65	10.80	1.15	0.055	0.055
TR-11-106	B22871	27.80	28.70	0.90	0.009	0.005
TR-11-107	B22879	30.30	31.50	1.20	0.243	0.246
TR-11-108	B22886	49.10	50.45	1.35	<0.005	0.003
TR-11-110	B22893	9.10	10.20	1.10	0.023	0.148
TR-11-111	B22901	16.10	17.60	1.50	0.01	0.017
TR-11-112	B22912	23.80	25.00	1.20	0.25	0.367
TR-11-113	B22921	33.10	34.60	1.50	0.056	<0.002
TR-11-116	B22940	24.10	25.55	1.45	0.93	0.06
TR-11-118	B22956	49.80	50.95	1.15	0.006	<0.002
TR-11-119	B22817	9.10	9.95	0.85	41.47	34.574
TR-11-120	B22831	11.90	13.35	1.45	0.12	0.012
Standard	B22991	SF45			0.848	0.928
Standard	B22992	SE-58			0.607	0.69
Standard	B22993	5K52			4.107	4.54

TABLE 10: METALLIC SIEVE FINAL WEIGHTED ASSAY RESULTS INFLUENCED BY THE COARSE FRACTION

		Weight	Weight	Fine	Fine	Fine	Coarse	Final	% Increase	% Decrease
		Fine	Coarse	Fraction	Fraction	Fraction	Fraction	Assay	>highest	Lowest
		Fraction	Fraction	Assay 1	Assay 2	Assay 3	Assay 4	Result	Au -100	Au -100
	Width	Wt -100	Wt +100	Au -100	Au -100	Au -100	Au +100	Au	Mesh assay	Mesh assay
Hole	(m)	grams	grams	g/t	g/t	g/t	g/t	g/t	%	%
TR-11-07	1,15	2 168,00	20,94	1,71	1,58	1,65	38,50	2,00	14,50	
TR-11-22	1,05	2 068,80	23,89	2,78	2,91	2,85	39,77	3,69	21,14	
TR-11-27	1,30	2 344,00	34,25	3,39	3,33	3,36	45,50	3,97	14,61	
TR-11-35	0,70	731,00	34,17	0,38	0,38	0,38	0,79	0,40	5,00	
TR-11-44	0,40	795,00	13,78	0,96	1,13	1,05	25,54	1,46	22,60	
TR-11-47	0,95	1 759,00	34,97	0,69	0,55	0,62	8,74	0,78	11,54	
TR-11-47	0,95	1 771,00	27,66	5,45	5,69	5,57	18,31	5,77	1,39	
TR-11-48	0,75	1 355,00	18,41	15,84	15,53	15,69	106,60	16,90	6,27	
TR-11-48	0,20	427,00	30,55	7,30	7,10	7,20	15,05	7,72	5,44	
TR-11-56	1,50	2 821,00	26,99	3,22	3,43	3,33	145,82	4,68	26,71	
TR-11-57	0,75	1 604,00	27,75	14,64	15,02	14,83	53,01	15,48	29,72	
TR-11-57	0,75	1 200,00	20,90	1,99	2,09	2,04	50,95	2,88	27,43	
TR-11-58	0,75	1 416,00	24,35	1,44	1,34	1,39	7,03	1,49	3,36	
TR-11-61	1,50	3 012,00	27,60	28,63	28,35	28,49	535,75	33,10	13,50	
TR-11-62	0,30	630,00	32,75	33,22	33,60	33,41	127,00	38,03	11,65	
TR-11-63	0,40	547,00	24,64	3,02	3,26	3,14	7,20	3,32	1,81	
TR-11-64	1,10	1 995,00	32,51	5,45	5,25	5,35	34,01	5,81	6,20	
TR-11-65	1,10	1 904,00	33,27	3,67	3,50	3,59	12,21	3,73	1,07	
TR-11-67	0,15	284,00	24,12	1,20	1,30	1,25	0,51	1,19		0,84
TR-11-67	0,40	700,00	28,34	37,34	36,62	36,98	701,66	62,83	40,57	
TR-11-72	0,20	383,00	30,64	0,34	0,34	0,34	<,03	0,31		9,68
TR-11-73	0,95	1 572,00	28,48	39,60	41,14	40,34	124,39	41,87	1,74	
TR-11-74	0,80	1 711,00	30,12	<,03	<,03	<,03	14,33	0,25	88,00	
TR-11-78	1,45	2 557,00	33,09	12,00	11,73	11,87	151,72	13,65	12,09	
TR-11-86	0,85	592,00	19,51	0,27	0,27	0,27	1,37	0,31	12,90	
TR-11-87	0,55	2 396,00	28,32	<,03	<,03	,03	5,90	0,07	57,14	
TR-11-89	0,85	703,00	19,61	5,49	5,42	5,46	13,51	5,67	3,17	
TR-11-90	0,45	1 063,00	23,96	11,55	11,93	11,74	37,41	12,31	3,09	
TR-11-91	0,70	1 065,00	15,42	12,99	13,20	13,10	48,79	13,60	2,94	
TR-11-97	0,45	856,00	26,98	5,52	5,11	5,32	21,05	5,80	4,83	
TR-11-98	0,50	1 036,00	23,00	10,46	10,05	10,26	33,53	10,76	2,79	
TR-11-111	1,10	1 601,00	30,85	18,75	19,71	19,23	86,47	20,50	3,85	
TR-11-119	0,70	995,00	16,72	0,14	0,17	0,16	6,34	0,26	34,61	
TR-11-119	0,85	532,00	27,47	37,75	40,80	39,28	84,03	41,47	1,62	
TR-11-120	1,35	2 225,00	19,68	0,34	0,34	0,34	2,74	0,36	5,56	

TABLE 11: SPIRIT LAKE GOLD AREA, RE-ASSAYS

Sample number	Original assay		Re-check	
	Au FA-GEO	FA-Grav (average) g/t	Au FA-GEO	FA-Grav (average) g/t
21955	8		12	
21956	300		280	
21958	21		20	
21960	1,529	1.58	2,027	2.02
21961	91		82	
21963	198		204	
21964	203		208	
21965	81		73	
21967	4,836	5.07	1,502	1.04
21969	250		289	
21972	99		113	
21973	201		216	
21974	3,495	3.6	3,610	3.7
21976	485		445	
21977	147		151	
21978	67		56	
21979	134		141	
21980	628		724	
21981	> detection limit	18.09	> detection limit	13.45
21982	35		44	
21983	86		78	
21984	10		14	
21985	8		11	
21986	116		147	
21987	97		114	
21988	901		862	
21989	22		19	
21990	6		14	
21991	33		32	
21992	<5		7	
21993	10		12	

As we see, a certain nugget effect is observed, mainly with sample 21967 which gave a re-assay result about four times lower than the original assay.

Finally, 10 samples were assayed for multi-elements. Prepared samples (powder) were sent by Laboratoire Expert to Actlabs for analyses. Thirty-one elements were then analysed using protocol ICP OES 1E1, meaning inductively coupled plasma optical emission spectrometry. Samples were assayed for the following elements: Ag, Cd, Cu, Mn, Mo, Ni, Pb, Zn, Al, As, Ba, Be, Bi, Ca, Co, Cr, Fe, K, Mg, Na, P, Sb, Sc, Sn, Sr, Ti, V, W, Y, Zr, S. No anomalous results were observed.

The author confirms that the sampling and assaying were done in accordance with industry standards. The author also confirms that the analytical methods used by Knick are appropriate to the

type of mineralization encountered. No breach of security in the sampling and analytical process was observed by the author or reported by Knick or the laboratory.

## **12.0) DATA VERIFICATION**

As no core or samples remain for verification, the author was unable to verify the historical work, except for the core boxes acquired from Radisson, which are now being verified by Knick's geologists. However, the author has no reason to believe that the past reports were erroneous or misleading. Concerning the work completed by Knick, as previously described, Knick has put in place a QA/QC (quality assurance/quality control) procedure consisting of re-assaying samples. The results obtained have shown the high quality of the analyses performed by Laboratoire Expert and Agat Laboratories.

The author has verified the correspondence between the core logs, samples and drill core stored by Knick. Many drill sites were also visited, and they correspond to the coordinates given on the logs. The author's observations confirm that the exploration work reported by Knick is real, and has been carried out in accordance with industry standards.

## **13.0) MINERAL PROCESSING AND METALLURGICAL TESTING**

No mineral processing and/or metallurgical testing has been done by Knick, and none was reported in the past.

## **14.0) MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES**

No mineral resources or mineral reserve have ever been estimated on the Trecesson property.

## **15 TO 22**

Item 15 to 22 do not apply to this report.



### **23.0) ADJACENT PROPERTIES**

To date, there are no significant exploration results from adjacent properties that would have a material impact on the Trecesson property.

### **24.0) OTHER RELEVANT DATA AND INFORMATION**

All the relevant data and information has been given in the preceding items.

### **25.0) INTERPRETATION AND CONCLUSIONS**

#### **Cossette Vein**

The first exploration work reported on the Cossette vein dates back to 1925, when Étoile d'Or Ltd. had a 20-man exploration crew on the property. Since that time, many exploration programs have been conducted on the Cossette vein, the most recent by Radisson Mining and Armeno Resources respectively in 1986 and 1990.

Since 1925, several geophysical surveys have been carried out, including magnetic, electromagnetic and induced polarization, as well as 54 diamond drill holes totalling 3 652 m, and grab and channel sampling with blasting and assaying of vein material. Grab sampling returned the most spectacular assays, such as the 4.79 oz/t Au, 3.96 oz/t Ag, 13.26% Cu, 11.16% Zn and 10.73% Pb reported by Radisson Mining in 1984. However, channel sampling returned the most consistent results; for instance, channel sampling was done on the Cossette South vein by Noranda Mines in 1938 and by Transcona Exploration in 1964, who obtained 8.995 g/t Au over a length of 21 m and an average width of 1.22 m, and 8.899 g/t Au over a 36.6 m length and an average width of 0.83 m. Over the years, there have been recommendations for underground work with bulk sampling to evaluate the Cossette vein, but the work has never been done.

Radisson Mining drilled and blasted vein material on the Cossette South zone, and reported an average of 4.45 g/t Au from 25 samples taken from a pile of 260 tonnes of vein material. Blasted material from the most southern part of the vein returned 5.94 g/t Au from six samples taken from an 80 tonne pile. Only a few of the holes drilled to test the extension of the vein at depth returned interesting gold values, generally over core lengths of less than one metre. The case of Northcliffe Gold Mines drilling is interesting, as their Hole #4, drilled in 1946, returned 0.08 oz/t Au over 3 feet, after the visible gold was taken out. This reveals that the Cossette vein shows a strong gold nugget

effect, and great care should be paid to sampling and analysis to make sure the samples are representative.

Recently, in 2011, Knick drilled 121 holes totalling 3,475.7 m. With this drilling, Knick probed the Cossette North and South veins to a vertical depth of 40 m and confirmed the historical gold intersections. The strong nugget effect was also confirmed by metallic sieve analysis, which generally gave higher results than fire assay with AA finish alone. Gold results obtained can be up to 95.72 g/t Au over 0.2 m, as observed in Hole TR-11-119. The most significant gold result was obtained in Hole TR-11-61 with 14.22 g/t over a true width of 3.27 m. Results to date show that the gold mineralization shows good lateral and vertical continuity and should be explored more at depth.

In conclusion, to complete the assessment of the potential of the Cossette vein, a systematic exploration program should be conducted to test the vein at a depth of 75 to 100 m and the gap between the Cossette North and South veins. Careful sampling and gold assays by metallic sieve or other representative method should be used, with the insertion of approximately 5 to 8% blanks and standards in the analytical chain.

### **Spirit Lake Gold Area**

The main mineralized zone outside the Cossette vein area is the Spirit Lake gold area (previously known as the Jelenich claims), located in the NE part of the property. It is mainly made of three gold-bearing quartz veins up to six feet wide. These were sampled by the MRNFQ in 1969, and returned up to 0.357 oz/t Au and 0.171 oz/t Ag in a grab sample.

Eight holes were drilled by Radisson Mining Resources in 1985; the best result was 2.57 g/t Au over 2.4 m (core length) in Hole TRE-85-8. More recently, in 2011, Knick completed a preliminary program of prospecting and sampling across the Spirit Lake area. Old trenches were re-sampled and returned values of up to 18.21 g/t Au in rubble. These quartz veins are usually associated with strong chloritic shear zones in granite, close to the contact with the volcanics.

Given the length, width and results obtained to date on the Spirit Lake gold area, we strongly believe that that a mapping and prospecting program should be initiated, along with stripping, trenching and, if warranted, diamond drilling.

### **Chib-Kayrand Gold Vein System**

The Chib-Kayrand area was mainly worked during the 30's, with a two-compartment shaft and development on the 100-foot level. At the time, a 2,500 short ton muckpile was reportedly stored on

surface for processing and an inferred ore shoot at the 100 feet level contained 2500 metric tonnes, grading 10.3 g/t Au has been reported. Unfortunately, no results are indicated in the reports. Visible gold was often cited in the descriptions. During the same period, 12,000 feet of drilling were completed but no results are reported. Also in 1937, surface work by Nortrac exposed at least 7 gold bearing quartz veins, varying in length from 4.8 to 457 m and from 0.3 to 7.9 m in width. Best result was obtained on Gold Star vein with 88 g/t Au across 7.9 m. In 1983 a qualification report by Wetmore on behalf of Golden Rim Resources describe five mineralized quartz veins: two along the contact between the Trecesson intrusive and the volcanics, and the other three in the Trecesson intrusive itself. Veins varied in length from 80 to 1,100 feet, and were up to 15 feet wide. Assays up to 0.42 oz/t Au are then reported.

In the 40s and beginning of the 50s, the focus shifted to tungsten exploration. In 1951, Quebec Tungsten obtained an average of 0.45% WO<sub>3</sub> from a 13,500-pound bulk sample of the #9 Vein was processed in Val-d'Or. Since 1952, only four holes have been drilled, geophysical surveying completed and limited sampling and trenching performed. The #1 Vein and sulphides were intersected, numerous geophysical anomalies, including 48 I.P anomalies defined, and 11 grab samples assayed from 1.44 to 420.37 g/t Au.

### **Mallich Sulphide Zone**

Exploration work was reported on Mallich from 1956 to 1986. Surface geological mapping in 1956 revealed the presence of rhyolitic rocks, locally fragmented and with disseminated sulphides, mostly pyrite, pyrrhotite and, to a lesser extent, sphalerite and chalcopyrite.

Sulphide mineralization was later confirmed by 25 holes totalling 2,370 m drilled by the Mallich Group and lately by Radisson Mining. Sericite and/or chlorite alteration was reported in many holes, along with fragmental sections that could be breccia or agglomerate.

Values of up to 4.29% Zn over 1.06 m were obtained from Hole M-3 and 1.28% Zn, 0.33% Cu over 15.2 m from Hole M-9. Finally, Hole TRE-85-17 returned 2.36% Cu, 0.126% Zn and 20.5 g/t Ag over 1.03 m. The author is of the opinion that the Mallich sulphide zone shows all the characteristics of a VMS-type deposit and should be explored accordingly.

### **Raymor/Mondor Sulphide Zone**

Exploration of the Raymor/Mondor area started around 1972, with geophysical surveys and three drill holes by UMEX. From 1972 to 1984, several other geophysical surveys were completed. Drilling

mainly took place from 1984 to 1986, with 222 holes totalling 5,656 m. The sulphide mineralization is encased in a sequence of dacite/andesite rocks, locally altered in sericite and/or chlorite.

The best results obtained were 2.76% Zn over 1.2 m in Hole AR-85-6; 0.22 oz/t Au over 0.3 m in Hole AM-86-8 and 7.16% Zn over 0.3 m in Hole AM-86-25. As with the Mallich sulphide zone, the author is of the opinion that the Raymor/Mondor sulphide zone shows the characteristics of a VMS type deposit, and presents excellent potential for the discovery of a VMS-type deposit.

## **26.0) RECOMMENDATIONS**

As demonstrated by historical exploration, the property is highly favourable for two types of mineralization:

- Shear zone-hosted gold-bearing quartz veins like Cossette South and North and Spirit Lake and, in the same family, shear zone-hosted gold-bearing quartz veins enriched in tungsten, mainly on the Chib-Kayrand area;
- Volcanogenic massive sulphide deposits, as suggested by the geology reported at the Mallich and Raymor/Mondor areas.

Recent work done by Knick has confirmed the gold mineralization on Cossette North and South and on the Spirit Lake area. No work has been done on Chib-Kayrand, Mallich and Raymor/Mondor, other than property visits. A two-phase exploration program is recommended, as described below.

### **Phase I**

Phase I would include a helicopter-borne EM and Mag survey totalling about 650 km of flight lines, to cover the entire property. This survey would provide a general geological picture of the property and precisely delineate the Trecesson batholith. It can also help locate new shear zones in the intrusive if the sulphide content is high enough. To help to localize the most promising zones, it is strongly recommended to proceed with a computerized geological compilation, including all the drill holes, assays, and the main ground geophysical surveys. Line cutting, geological and geophysical surveys on anomalous zones outlined by the airborne survey and geological compilation are also recommended for Phase I.

On the Cossette North and South veins, the recommendation is to resume exploration with 12,000 m of drilling to define the Cossette vein more at depth and probe the gap between the Cossette North and South veins.

On the Spirit Lake gold system, the recommendation is to proceed with prospecting, mechanical stripping, mapping and sampling to verify the extension of the gold-bearing quartz vein system.

On the Chib-Kayrand gold vein system, as on Spirit Lake, we must first precisely locate and test the extension of the gold- and tungsten-bearing quartz veins, and the recommendation is therefore to carry out prospecting, mechanical stripping, mapping and sampling. Samples should be systematically assayed for gold, silver and  $WO_3$ .

On Mallich and Raymor/Mondor, both fertile areas for massive sulphides, the approach should be adapted to this type of mineralization. The recommendation is to proceed with geological mapping and prospecting. Samples from felsic rocks in surface outcrops and, for Mallich, in Radisson drill core, should be analyzed for lithogeochemistry, including:  $SiO_2$ ,  $K_2O$ ,  $Na_2O$ ,  $FeO$ ,  $MgO$ ,  $CaO$ ,  $TiO_2$ ,  $Al_2O_3$ ,  $MnO$ ,  $CO_2$ , and  $P_2O_5$ . The lithogeochemistry will allow us to quantify the alteration and see if we are close to a VMS deposit. A Pulse EM (DeepEM) survey should be done over areas where historical drilling took place, and finally, an in-hole Pulse EM survey should be done in any old casings found.

**Phase II, if warranted by the results of Phase I:**

Phase II would include approximately 1,000 m of drilling on new anomalous zones identified by the airborne and ground surveys, outside the already known mineralized areas.

On the Cossette gold system: 12,000 m of diamond drilling should be done to probe the vein and define resources. On the Spirit Lake gold system, 5,000 m of diamond drilling is recommended to test the veins at depth. On Chib-Kayrand, 15,000 m of drilling is recommended to probe the veins at depth and along strike.

On the Mallich and Raymor/Mondor sulphide areas, if warranted by the Phase I results, 5,000 m of drilling should be done on each zone. Each drill hole should be probed by in-hole Pulse EM to detect the massive sulphide core of the zone if it exists.

The budget to complete both phases is given on next page:

Trecesson Project-Proposed Budget 2013				
Phase I				
	Quantity	Units	Unit Price	Total
<b>General</b>				
<i>Airborne survey</i>				
EM and Mag helicopterborne survey about 650 km @\$145/km	650	km	145 \$	94 250 \$
Mobilization-demobilization helicopter survey				13 000 \$
<i>Compilation</i>				
Computerized compilation approximately \$50,000				50 000 \$
<i>Geological survey &amp; prospecting</i>				
Planning	8	days	800 \$	6 400 \$
Geologists and assistants, including transportation, room and board etc., for 2 months at \$45,000/month	2	months	45 000 \$	90 000 \$
Assaying	300	samples	32 \$	9 600 \$
<i>Ground surveys</i>				
Line cutting or flagged lines, total field magnetic, electromagnetic and I.P surveys over selected areas defined by the airborne survey and compilation				100 000 \$
Geochemistry-soil sampling (collection, analysis,etc.)	1 500	samples	80 \$	120 000 \$
Report for assessment and NI 43-101 update				10 000 \$
Contingencies 12%				59 190 \$
<b>Total General</b>				<b>552 440 \$</b>
<b>Area 1: Cossette Gold System</b>				
<i>Diamond drilling</i>				
Program preparation	5	days	800 \$	4 000 \$
12,000 m of NQ size drilling at an average price of \$145/m all inclusive	12 000	m	145 \$	1 740 000 \$
Report for assessment and NI 43-101 update				20 000 \$
Contingencies 12%				211 680 \$
<b>Total Cossette Gold System</b>				<b>1 975 680 \$</b>
<b>Area 2: Spirit Lake Gold Vein System</b>				
<i>Prospecting, mechanical stripping, mapping &amp; sampling</i>				
Mechanical shovel + pumps and ancillary equipment, geologist, helper and assays				100 000 \$
Report for assessment and NI 43-101 update				5 000 \$
Contingencies 12%				12 600 \$
<b>Total Spirit Lake Gold Vein System</b>				<b>117 600 \$</b>
<b>Area 3: Chib-Kayrand Gold Vein System</b>				
<i>Prospecting, mechanical stripping, mapping &amp; sampling</i>				
Mechanical shovel + pumps and ancillary equipment, geologist, helper and assays				250 000 \$
Report for assessment and NI 43-101 update				8 000 \$
Contingencies 12%				30 960 \$
<b>Total Chib-Kayrand Gold Vein System</b>				<b>288 960 \$</b>

	Quantity	Units	Unit Price	Total	
<b>Area 4: Mallich Base metal Zone</b>					
Line cutting	20	km	500 \$	10 000 \$	
DeepEM survey	15	km	1 300 \$	19 500 \$	
Magnetic survey	20	km	150 \$	3 000 \$	
Geological mapping and prospecting, re-sampling of Radisson drill holes				15 000 \$	
Lithochemistry				5 000 \$	
Report for assessment and NI 43-101 update				8 000 \$	
Contingencies 12%				7 260 \$	
<b>Total Mallich Base metal Zone</b>				<b>67 760 \$</b>	
<b>Area 5: Raymor/Mondor Sulphide Zone</b>					
Line cutting	20	km	500 \$	10 000 \$	
DeepEM survey	15	km	1 300 \$	19 500 \$	
Magnetic survey	20	km	150 \$	3 000 \$	
Geological mapping and prospecting, re-sampling historic workings all inclusive	15	days	1 500 \$	22 500 \$	
Lithochemistry + soil samples etc				15 000 \$	
Report for assessment and NI 43-101 update				10 000 \$	
Contingencies 12%				9 600 \$	
<b>Total Raymor/Mondor</b>				<b>89 600 \$</b>	
				<b>Total Phase I:</b>	<b>3 092 040 \$</b>
<b>Phase II</b>					
	Quantity	Units	Unit Price	Total	
<b>General</b>					
Diamond drilling to verify the anomalies generated at Phase I	3 000	m	145 \$	435 000 \$	
Report for assessment and NI 43-101 update				10 000 \$	
Contingencies 12%				53 400 \$	
<b>Total General</b>				<b>498 400 \$</b>	
<b>Area 1: Cossette Gold System</b>					
<i>Diamond drilling</i>					
Program preparation	5	days	800 \$	4 000 \$	
12,000 m of NQ size drilling at an average price of \$145/m all inclusive	12 000	meters	145 \$	1 740 000 \$	
Report for assessment and NI 43-101 update				20 000 \$	
Contingencies 12%				211 680 \$	
<b>Total Cossette Gold System</b>				<b>1 975 680 \$</b>	
<b>Area 2: Spirit Lake Gold Vein System</b>					
<i>Diamond drilling</i>					
Program preparation	5	days	800 \$	4 000 \$	
5,000 m of NQ size drilling at an average price of \$145/m all inclusive	5 000	meters	145 \$	725 000 \$	
Report for assessment and NI 43-101 update				15 000 \$	
Contingencies 12%				89 280 \$	
<b>Total Spirit Lake Gold Vein System</b>				<b>833 280 \$</b>	



	Quantity	Units	Unit Price	Total	
<b>Area 3: Chib-Kayrand Gold Vein System</b>					
<i>Diamond drilling</i>					
Program preparation	5	days	800 \$	4 000 \$	
15,000 m of NQ size drilling at an average price of \$145/m all inclusive	15 000	meters	145 \$	2 175 000 \$	
Report for assessment and NI 43-101 update				20 000 \$	
Contingencies 12%				263 880 \$	
<b>Total Chib-Kayrand Gold Vein System</b>				<b>2 462 880 \$</b>	
<b>Area 4: Mallich Base metal Zone</b>					
<i>Diamond drilling</i>					
Program preparation	5	days	800 \$	4 000 \$	
5,000 m of NQ size drilling at an average price of \$145/m all inclusive	5 000	meters	145 \$	725 000 \$	
Report for assessment and NI 43-101 update				15 000 \$	
Contingencies 12%				89 280 \$	
<b>Total Mallich Base Metal Zone Zone</b>				<b>833 280 \$</b>	
<b>Area 5: Raymor/Mondor Sulfide Zone</b>					
<i>Diamond drilling</i>					
Program preparation	5	days	800 \$	4 000 \$	
5,000 m of NQ size drilling at an average price of \$145/m all inclusive	5 000	meters	145 \$	725 000 \$	
Report for assessment and NI 43-101 update				15 000 \$	
Contingencies 12%				89 280 \$	
<b>Total Raymor/Mondor Sulfide Zone</b>				<b>833 280 \$</b>	
				<b>Total Phase II</b>	<b>7 436 800 \$</b>
				<b><u>Total Phases I and II</u></b>	<b><u>10 528 840 \$</u></b>

## **27.0) REFERENCES**

### **27.1) MRNFQ REPORTS**

**Ross, S.H., Denis, B.T., Ashbury, W.N., Longley, W.W., Auger, P.E., 1937:** Mining Properties and Development work in Abitibi and Chibougamau Region during 1937. Quebec Bureau of Mines. RP 120A.

**Ross, S.H., 1941:** Mining Properties and Development Work in Abitibi and Temiscamingue Counties. Quebec Bureau of Mines. RP 161A.

**Ingham, W.N., Robinson, W.G., 1946:** Mining Properties and Development in Abitibi and temiscamingue Counties, during 1946-1947. Quebec Department of Mines. RP 227A.

**Weber, W.W., 1951:** Preliminary Report on parts of Dalquier, Figuery and Landrienne Townships, Abitibi East county. Quebec Bureau of Mines. RP 257A.

**Latulippe, M., 1962:** 1 journal de sondage, pour le compte du Ministère de la Colonisation. GM 13859.

**Latulippe, M., 1962:** Deux journaux de sondage. MRN., GM 13075.

**Latulippe, M., 1962:** Journal de sondage. MRN., GM 12511.

**Latulippe, M., 1962:** 6 journaux de sondage. MRN., GM 13830.

**Latulippe, M., 1964:** Journal de sondage au diamant. MRN., GM 14966.

**Latulippe, M., 1964:** Journal de sondage au diamant. MRN., GM 14975.

**Latulippe, M., 1964:** Journal de sondages au diamant, terrains de colonisation. MRN., GM 15009.

**Weber, W.W., Latulippe, M., 1964:** Geological report 109. Amos-Barraute area., Abitibi – East County. MRNFQ., RG 109.

**Dugas, J., 1964:** Journal de sondage au diamant. MRN. GM 16137.

**Lamarche, R.Y., 1965:** Journal de sondage au diamant. MRN., GM 16943.

**Lamarche, R.Y., 1965:** 1 journal de sondage" MRN., GM 21499.

**Latulippe, M., 1966:** Journal de sondage au diamant. MRN., GM 17825.

**Latulippe, M., 1966:** 1 journal de sondage. MRN., GM 21472.

**Latulippe, M., 1967:** Journal de sondage au diamant, terrain de colonisation. MRN., GM 21615.

**Latulippe, M., 1968:** 1 journal de sondage. MRN., GM 23534.

**Questor Surveys Ltd., 1971:** Levé EM aérien par Input MK V, region d'Amos. MRNFQ DP 066

**Vogel, D.E., 1972:** West part of Trecesson township, preliminary report. MRNFQ, DP 115, GM 28243.

**Vogel, D.E., 1973:** Geology of Trecesson township (Eastern Part), Abitibi – East County, Preliminary Report. MRNFQ DP 199.

**Van de Wall, M., 1975:** Journal de sondage au diamant. MRN., GM 31447.

**Germain, M., Van de Wall, 1975:** Journal de sondage au diamant. MRN., GM 31443.

**Vogel, D.E., 1975:** Geology of Trecesson township, Abitibi County, Final Report. MRNFQ DP 316.

**Van de Walle, M., 1975:** Log d'un trou de forage pour l'eau. Lot 52 Rg IX. GM 31446.

**Campiglio, C., 1977:** Bourlamaque batholith. MRNQ., E.S. 26.

**Van de Wall., 1979:** Journal de sondage au diamant. MRN., GM 35865.

**Vogel, D.E., 1979:** Canton de Trecesson. MRNFQ RG 194.

**Les Relevés Géophysiques inc., 1980:** Levés magnétique et électromagnétique hélicoptère à l'aide du système Rexhem – 1 région de Dalquier – Abitibi. MRNFQ, DP 793.

**Cousineau, P.A., 1980:** Le tungstène au Québec. Ministère de l'Énergie et des Ressources du Québec. DPV 743.

**Avramtchev, L., LeBel-Drolet, S., 1981:** Catalogue des gîtes minéraux du Québec – Région de l'Abitibi - . Ministère de l'Énergie et des Ressources du Québec. DPV 744.

**Lalonde, J.P., 1981:** Géochimie des sédiments de ruisseau des régions de St Eugène-de-Chazel et d'Amos. MRNFQ DP 838.

**Kirouac, F., 1986:** Géochimie des sols, région de Saint-Félix de Dalquier, Abitibi., MRNFQ., MB 86-03.

**Kirouac, F., 1986:** Géochimie des sols – région d'Amos -. MRNFQ MB 86-68.

**Hocq, M., 1989:** Carte lithotectonique des sous-provinces de l'Abitibi et du Pontiac. MRNFQ., DV 89-04.

**Labbé, J.Y., Tremblay, D., 1994:** Synthèse géologique de la région d'Amos. MRNFQ MB 94-09.

**Labbé, J.Y., 1995:** Géologie de la région d'Amos. MRNFQ, MB 95-24.

**Labbé, J.Y., 1998:** Études géologiques dans la région d'Amos (recueil de 4 articles). MRNFQ., ET 98-04.

**Jenkins, C.L., Brown, A.C., 1999:** Carte métallogénique des gisements de sulfures massifs volcanogènes et filoniens aurifères des cantons Bourlamaque et Louvicourt, partie sud de la sous-province de l'Abitibi. MRNQ., MB 99-12.

**Doucet, P., 2000:** Géologie de la région de Taschereau, de Sainte-Gertrude, Manneville et Villemontel. MRNFQ., RG 2000-08.

**Lamothe, D., Harris, J.R., LAbbé, J.Y., Doucet, P., Houle, P., Moorhead, J., Dion, C., Savard, R., Melançon, M., 2005:** Assessment of the potential for volcanogenic massive sulphides (VMS) deposits in Abitibi. MRNFQ, EP 2005-02.

**Lamothe, D., Harris, J.R., 2006:** Assessment of the potential for orogenic gold deposits in the Abitibi. MRNFQ, EP 2006-02.

**Labbé, J.Y., Pilote, P., Lamothe, D., 2007:** Assessment of the potential for porphyry Cu-Au-Mo deposits in the Abitibi. MRNFQ, EP 2007-01.

**GSC, Virginia Gold Mines, Noranda Exploration., 2009:** Cartes géophysiques couleurs, Megatem – 32D/09. MRNFQ DP 2008-12.

**Dumont, R., 2009:** Geophysical series part of NTS 32D/09 and 32D/16, Abitibi aeromagnetic infill surveys, Quebec, Geological Survey of Canada, Open File 6219, Ministère des Ressources Naturelles et de la Faune du Québec DP 2009-05 C003, scale 1:50,000.

**Lamothe, D., 2011:** Potentiel en minéralisations de sulfures massifs volcanogènes de l'Abitibi, version 2011. MRNFQ., EP 2011-01.

## **27.2) ASSESSMENT REPORTS**

**Archambault, M., Dufresne, A.O: 1925:** Inspection report, Étoile d'Or Ltd. GM 21663.

**Dufresne, A.O., 1925:** Rapport d'inspection, claims Tremblay. MRN., GM 07905.

**Taschereau, R.H., 1934:** Inspection report. Nortrac Gold Mines Ltd., GM 08071.

**Taschereau, R.H., 1935:** Report on the property. Nortrac Mining Company Ltd., GM 08073.

**Taschereau, R.H., 1935:** Inspection report, Colonial Gold Syndicate Ltd., GM 08050.

**Taschereau, R.H., 1935:** Report on the property, Nortrac Mining Corp. GM 8072-C.

**\_\_\_\_\_, 1935:** Assay plan, wall samples 100 ft level workings. Nortrac Mining Corp. GM 8072-B.

**Ross, S.H., 1935:** Report on the property, Colonial Gold Mines Ltd., GM 08049

**Loring, E.M., Ross, E.H., 1937:** Report on the property. Kongor Mines Corp. GM 08067.

**Ross, S.H., 1937:** Report on the property, Nortrac Mining Co. Ltd., GM 08074.

**\_\_\_\_\_, 1937:** Report on exploration and development. Nortrac Mining Corp. GM 8070.

**McKenzie, A.P., 1938:** Geological report, Nortrac Mining Co Ltd. GM 08069.

**Denis, B.T., 1940:** Dalquier twp, scheelite pit. Kayrand Mining and Development Co. Ltd GM 08063.

**Ross, S.H., 1940:** Three diamond drill holes. Edward Paré claims GM 60355.

**Ross, S.H., 1940:** Report on Blais Claims. Lots 59-60, Rg VII and VIII Trecesson. GM 21660.

**Denis, B.T., 1941:** Scheelite deposits in western Quebec. GM 24669.

**Eardley-Wilmot, V.L., 1941:** Scheelite in gold Mines, EMR Canada. GM 20730.

**Corbett, H.E., 1941:** Report on the property, Kayrand Mining and Development Company., GM 08062.

**\_\_\_\_\_., 1942:** Scheelite in Quebec. MRN., GM 24600.

**Cooke, H.C., 1942:** Letter concerning scheelite on the Colonial property. Gel. Survey of Canada. GM 16661.

**Eardley-Wilmot, V.L., Cooke, H.C., Martindale, E.S., 1943:** Summaries of tungsten occurrences in Canada. EMR Canada, GM 22202.

**\_\_\_\_\_., 1946:** Diamond drill record, Northcliffe Gold Mines Ltd., GM 07177.

**Gagnon, H., 1946:** Diamond drill holes logs, East Trecesson Gold Mines Ltd., GM 01584

**Lavoie, L., 1946:** Report on mining claims Trecesson twp, Quebec. GM 07176.

**Morgan, J.H., 1947:** Report on sulphide zone. Kayrand Mining and Development Company Ltd., Dalquier twp. GM 11428.

**Ross, S.H., 1947:** Edmond Carrière claims, Dalquier and Trecesson Twp, Quebec, GM 08048.

**Ross, S.H., 1947:** Evaluation report. East Trecesson Gold Mines Ltd., GM 21662.

**Michaelson, G., 1947:** Property and geological plan showing general geology and location of drill holes. West Malartic Mines. GM 00222.

**Morgan, J.H., 1948:** Report on sulphide zone. Kayrand Mining and Development. GM 8057.

**Almond, L.B., 1950:** Preliminary report, East Trecesson Gold Mines Ltd property. GM 01056.

**\_\_\_\_\_., 1950:** Information report. MRN., GM 21661.

**Dumont, G.H., 1951:** Report on Quebec Tungsten Ltd., Tremblay property, Dalquier twp, Abitibi Québec. GM 04150.

**Dumont, G.H., 1951:** Log of diamond drill holes. Claims Tremblay, North Whitney Mines Ltd. GM 02889.

**Dumont, G.H., 1952:** Rapport de recommandations, East Trecesson Gold Mines Ltd., GM 01691.

**Morgan, J.H., 1952:** Diamond drill log, sulphide zone. Kayrand Mining and Development Co., Royran Gold Fields Ltd., GM 01795.

**McCannell, J.D., 1952:** Report on resistivity survey. Maxim Mining Corp., Ltd. GM 01847.

**Christopher, I.C., 1953:** Diamond drill record. Maxim Mining Corp. GM 02234.

**Gilbert, J.E., 1954:** Mining property report. Maxim Mining Corp. GM 02659.

**Downes, K.W., Hutchings, W., 1955:** Report on concentration tests of tungsten samples, Quebec Tungsten Ltd., GM 4150-C

**Hannah, R.G.J., 1956:** Geological report on the Mallich option, Trecesson twp., Quebec. GM 03994A.

**Hannah, R.G.J., 1956:** Diamond drill hole logs, Mallich showing, Mallich option. GM 03994B.

**Honsberger, J.C., 1956:** Preliminary report on the mining claims of Western Copperada Mining Corp. Ltd., Dalquier twp, Quebec. GM 04831.

**Dumont, G.H., 1956:** Rapport géologique. Québec Tungsten Ltd., GM 4150-B

**Dugas, J., 1957:** Mining property report for 1956, claims Mallich. MRN GM 05726.

**Wilson, B.T., 1959:** Report on the airborne geophysical survey in the Villemeontel area. Centurion Mines Ltd., Claims Madej, Trade Horn Ltd. GM 09235.

**Harris, J.J., 1964:** Report on the property of Transcona Explorations Ltd, Trecesson township, Abitibi County, Quebec. GM 15034.

**Hagan, J.D., Harris, J.J., 1964:** Diamond drill hole logs. Transcona Explorations Ltd. GM 15625.

**Harris, J.J., 1965:** Transcona Exploration Ltd., Lettre à la compagnie. GM 16060.

**Skrecky, A., 1965:** Diamond drill hole log. Claim Mallich. McIntyre Porcupine Mines Ltd. GM 16787.

**Morgan, J.H., 1965:** Geological report on properties held by Chib-Kayrand Copper Mines Ltd., as of May 6, 1965. GM 16359.

**\_\_\_\_\_., 1966:** Croquis de localisation de travaux de surface. Claims Jelenich. GM 17953.

**\_\_\_\_\_., 1966:** Croquis de localisation d'une tranchée. Claims Yakiwchyt. GM 18310.

**\_\_\_\_\_., 1966:** 1 croquis de localisation des travaux de surface. Claims Jelenich, claims Yakiwchyk. GM 18720.

**Pudifin, A.D., 1966:** Report on magnetometer and electromagnetic survey. Parkdale Exploration Ltd. Trecesson Twp. GM 19254.

**Honsberger, J.A., 1967:** Two diamond drill holes logs with assay results. Win-Eldrich Mines Ltd., GM 21219.

**\_\_\_\_\_., 1967:** One surface plan. Claims Mallich. GM 21190.

**\_\_\_\_\_., 1967:** Croquis de localisation des travaux de surface. Claims Jelenich. GM 21146.

**\_\_\_\_\_., 1967:** Croquis de localisation des travaux de surface. Claims Yakiwchyk. GM 21145.

**\_\_\_\_\_., 1967:** Croquis de localisation des travaux de surface. Claims Jelenich. GM 21144.

**\_\_\_\_\_., 1967:** Croquis de localisation des travaux de surface. Claims Jelenich. GM 20048.

**Van de Walle, M., 1969:** Property visit, Jelenich claims. GM 28531.

**Woodcock, T.G., 1970:** Diamond drill record. Claims Lambert. GM 26433.

**Lambert, L., 1970:** Croquis des travaux de surface. Lots 39 à 50 Rg VIII, Trecesson. GM 26995.

**Pakalmiskis, V.A., 1971:** VLF electromagnetic survey claims Jelenich, GM 2992.

**Vandenhirtz, R., 1972:** Rapprot de travaux statutaires, propriété Dalquier. Union Minière Explorations (UMEX). GM 28262.

**Vandenhirtz, R., 1973:** Rapport de travaux statutaires, propriété M. Bélanger – Canton de Trecesson-. Umex Ltd. GM 28641.

**Faulkner, F.H., 1973:** Report on geophysical surveys Trecesson and Dalquier twps., Quebec, by Canex Placer Ltd., GM 29014.

**Valiquette, F., 1974:** Journal de sondage. Corporation Minière Dalquier inc. GM 29826.

**Alix, J., Woodward, J.A., 1974:** Turam electromagnetic and magnetic survey on project 76. Dome Exploration Canada. GM 30179.

**Favini, G., 1975:** Rapport de levé magnétométrique. Claims Jelenick., GM 31493.

**Gaudet, A., Imbeau, G., 1976:** Rapport concernant les travaux effectués, propriété Dudemaine. Umex inc., GM 32050.

**Côté, R., Crépeau, R., Konings, M., 1979:** Shell Canada resources inc., interim report geological and geophysical surveys, Dalquier project, Quebec, NTS 32D09. Shell QDNR joint venture agreement. GM 36197.

**Giroux, M., 1980:** Shell Canada resources Ltd., Dalquier and Trecesson Twps, Amos project, Group 4472. Horizontal loop EM and magnetometric surveys. GM 36810.

**Crépeau, R., 1980:** Quebec reconnaissance Trecesson twp area, NTS 32D09. Shell Canada. GM 39042.

**Crépeau, R., 1980:** Summary report of the 1979 diamond drill program, Dalquier project, Dalquier township, Quebec, NTS 32D/09. Shell Canada inc. GM 36198.

**Parent, L., Tshimbalanga, S., Gaucher, E., 1980:** Propriété de A. Flamand, Géologie et Polarisation Provoquée, canton de Trecesson. GM 37116.

**Crépeau, R., Côté, R., 1981:** Summary report of the 1980 diamond drill program, Dalquier project. Shell Canada . GM 38966.

**Côté, R., 1981:** Final report: Summary report for 1981. Diamond drill program Dalquier project, NTS 32D09. GM 38967.

**Barrette, J.G., 1981:** Compilation des travaux statutaires, canton de Dalquier, Rang VI lot 11. Claims Barrette. GM 37217.



**Germain, M., 1982:** Étude des affleurements situés dans les rangs 5 et 6, canton de Trecesson. MRNFQ GM 38543.

**Lavoie, C., et al., 1982:** Geochemical soil survey, basal till survey, geological survey, Reserve no 4. MER. GM 39848.

**Géomines Ltd., 1983:** Réserve no 5, Dalquier. Gérance conjointe de programmes d'exploration minière dans le Nord-Ouest québécois. Ministère de l'Énergie et des Ressources du Québec. GM 40412.

**Bellefleur, Y., et al., 1983:** Levés de polarisation provoquée et magnétique, projet St-Félix-de-Dalquier. MER., GM 40393.

**Wetmore, D.L., 1983:** Qualifying report, Golden Rim Resources Ltd., Dalquier twp property Amos, Québec.

**Lavoie, C., 1984:** Levés électromagnétiques EMH et magnétique, propriété de Minerais Lac, projet Trecesson, Dalquier, Bloc 6, canton de Trecesson, province de Québec. GM 41672.

**Marleau, R.A., 1984:** Dalquier twp, lots 8 -15 Rg V, block H magnetic and EM surveys. Raymor Resources Ltd., GM 41195.

**Marleau, R.A., 1984:** Magnetic and electromagnetic surveys, Block A (SE). Placements Appalache Ltée., Raymor Resources Ltd. GM 41197.

**Lavoie, C., 1984:** Geophysical surveys, property of Raymor Resources Ltd., Zone D project, Dalquier twp, province of Quebec. GM 41300.

**Daniel, D., 1984:** Étude lithogéochimique (or en ppb), dans les cantons de Trecesson et de Dalquier Québec. Minerais Lac Ltée. GM 41325.

**Lavoie, C., 1984:** Levé électromagnétique VLF et magnétique, propriété de Minerais Lac projet Trecesson – Dalquier cantons Trecesson et Dalquier, province de Québec. GM 41560.

**Lavoie, C., 1984:** Levés Levé électromagnétique VLF et magnétique, propriété de Minerais Lac projet Trecesson – Dalquier, blocs 4 et 5, canton Trecesson, Québec. GM 41668.

**Lavoie, C., 1984:** Induced polarization survey, zone D., project. Placements Appalache Ltée., Raymor Resources Ltd., GM 41056.

**Lavoie, C., 1984:** Levé de polarisation provoquée, projet Trecesson-Dalquier. Minerais Lac Ltée. GM 41776.

**Lavoie, C., 1984:** Levé de polarisation provoquée, projet Trecesson-Dalquier. Minerais Lac Ltée., GM 42122.

**Gadoury, J., Morissette, P., 1984:** Rapport de propriété, Trecesson. GM 41709.

**Gadoury, J., 1984:** Rapport géologique, tranchée, échantillonnage veine # 1, projet Trecesson, Exploration Kekeko inc. GM 43094.

**Gadoury, J., 1984:** Rapport géologique, propriété Trecesson, canton Trecesson. Exploration Kekeko Inc., GM 41382.

**Bugnon, M.F., 1984:** Rapport d'évaluation du potentiel économique et sommaire du programme d'exploration propose sur les propriétés du projet TD, cantons de Trecesson et de Dalquier, Québec (terrains reserves no 1002). Minerais Lac Ltée. GM 41022.

**Bugnon, M.F., 1984:** Rapport d'étape de novembre 1984, reserves du lac à la Prêle et de Dalquier, projet TD cantons de Trecesson et de Dalquier, Québec. Minerais Lac Ltée. GM 41724.

**Bugnon, M.F., 1984:** Rapport sur la géologie, et le potentiel économique d'un secteur de la reserve du Lac à La Prêle. Projet TD, cantons de Trecesson, Québec, Minerais Lac Ltée. GM 41725.

**Bugnon, M.F., 1984:** Rapport d'étape de novembre 1984, reserves du lac à la perle et de Dalquier, projet T-D. Minerais Lac Ltée. GM 41774.

**Bugnon, M.F., 1984:** Rapport sur la géologie et le potentiel économique d'un secteur de la reserve du lac à la perle, projet T-D. Minerais Lac Ltée., GM 41775.

**Gadoury, J., 1984:** Rapport géologique, projet Trecesson, groupe nord. Exploration Kekeko inc. GM 41972.

**Gervais, R., 1984:** Géologie de détails de la zone A. Lots 18 et 19, rang V, canton de Dalquier, Abitibi Ouest. Ressources Raymor Ltée. GM 42037.

**Gervais, R., 1984:** Géologie de detail de la zone E., projet Raymor. Raymor Resources Ltd., GM 42040.

**Sial, 1984:** Relevé gravimétrique sur les lots 15 à 22, rangs IV et V, canton de Dalquier, zone A. Raymor Resources inc., GM 40981.

**Sial, 1984:** Relevés gravimétriques, zone D., Placements Appalache Ltée., Raymor Resources Ltd., GM 41057.

**Gervais, R., 1984:** Jouraux de sondage au diamant. Raymor Resources, zone D., Placements Appalache, Raymor Ressources Lté. GM 41937.

**Gervais, R., Marleau, R.A 1985:** Levés géologiques Mag et TBF. Lot ii Rg VI, canton Dalquier, region d'Amos, Québec. Claims Couture. GM 42253.

**Gervais, R., 1985:** Rapport géologique, propriété Arcan. Claims Arcand, Explorations Mon-Dor inc., GM 43222.

**Doucet, D., 1985:** Rapport géologique préliminaire, propriété du bloc B, Projet Trecesson – Dalquier, canton de Trecesson, Québec. Minerais Lac Ltée., GM 42347.

**Descarreaux, J., Doucet, D., 1985:** Exploration Kekeko inc., Rapport sur la propriété Trecesson, région d'Amos, Québec. GM 43093.

**Morissette, P., Gadoury, J., 1985:** Rapport de levés géophysiques, projet Trecesson , claims Gadoury , Ressources Minières Radisson. GM 43097.

**Bugnon, M.F., 1985:** Minerais Lac Ltée, Rapport d'étape de mars 1985, reserves du lac à la Prêle et de Dalquier, projet TD, cantons de Trecesson et de Dalquier, Québec. GM 42494.

**Gagnon, P., 1985:** Rapport géologique bloc 6, du projet Trecesson-Dalquier canton de Trecesson, Québec. Minerais Lac Ltée., GM 42940.

**Gervais, R., 1985:** Journal de sondage au diamant. Raymor Resources. GM 43555.

**Lavoie, C., 1986:** Extension d'un levé de polarisation provoquée, propriété de Minerais Lac Ltée, projet Trecesson-Dalquier canton de Dalquier, province de Québec. GM 43587.

**Lavoie, C., 1986:** Levés électromagnétiques (VLF), magnétique et de P.P, propriétés Minerais Lac Ltée, Projet Trecesson, Dalquier Bloc 6, canton de Trecesson, Province de Québec. GM 43832.

**Lavoie, C., 1986:** Levé de polarisation provoquée, propriété Mon-D'Or inc., projet Dalquier rangs IV et V, canton Dalquier, province de Québec. GM 45361.

**Lavoie, C., 1986:** Levés de polarisation provoquée et E.M.H., projet Trecesson-Dalquier. Minerais Lac Ltée. GM 43507.

**Bugnon, M.F., 1986:** Journaux de sondage, trous TD 86-1 à TD 86-08. Projet Trecesson-Dalquier, mars à mai 1986. Minerais Lac Ltée. GM 44328.

**Hallof, P.G., 1986:** report on the induced polarization and resistivity survey, at the Trecesson twp property, Trecesson twp, Amos area, Quebec for Ressources Minières Radisson. GM 43095.

**Beaudry, C., Gauthier, J., 1986:** Rapport de présentation, cantons de Trecesson et de Dalquier, Abitibi, Québec, Ressources Minières Radisson Inc., GM 44649.

**Gadoury, J., Yassa, A., 1986:** Ressources Minières Radisson Inc., Rapport sur le projet Trecesson, canton de Trecesson, région d'Amos. GM 43096.

**Canova, E., 1986:** Ressources Minières Radisson Inc., Rapport projet Trecesson, 1986. GM 45428.

**Gervais, R., 1987:** Journal de sondage, Explorations Mon d'Or, zone A., GM 45377.

**Gervais, R., 1987:** Journal de sondage au diamant. Exploration Mondor inc. GM 46494.

**Gervais, R., 1987:** Rapport de campagne de forages AM-86, zone A., lots 18,19, 20, rang V, canton de Dalquier, Québec. Explorations Mon d'Or inc., GM 46495.

**Plante, L., 1987:** Levé de polarisation provoquée propriété de Explorations Mon d'Or inc., blocs A, B et C. GM 45362.

**Lambert, G., Turcotte, R., 1987:** Levé électromagnétique propriété de Ressources Robex inc., projet Amos. Canton de Dalquier. GM 46453.

**Pelletier, M., 1987:** Levé géochimique des sols, propriété Amos. Ressources Robex Ltée. GM 46452.

**Gervais, R., 1988:** Exploration Mon d'Or inc., Interprétation de levés géophysiques, boc A, canton Dalquier. GM 46487.

**Massicotte, C., 1988:** Rapport de la campagne de forage 1987 sur la propriété Trecesson-Dalquier. Minerais Lac Ltée. GM 46725.

**Bourque, Y., Marchand, J., 1988:** Rapport des travaux sur la propriété Dalquier A, canton Dalquier, P.Q., Ressources Veinor inc., GM 47761.

**Bourque, Y., Marchand, J., 1988:** Rapport des travaux sur la propriété Amos, canton de Dalquier, Quebec. Ressources Robex inc., GM 47762.

**Bussièrès, L., 1988:** Rapport géologique, propriété Trecesson, projet #8801. Ressources Minières Platinor I. GM 46954.

**McRoberts, S., Raymond, D., 1988:** Report on the property, Vallières project. Malartic Hygrade inc., GM 47966.

**Lambert, G., 1988:** Geophysical survey, Vallière project. Mines d'or Malartic Hygrade. GM 48604.

**De Carle, R.J., 1989:** Report on combined Helicopter-borne magnetic electromagnetic and VLF surveys, Lac Berry project, Amos area, Quebec, for Minerais Lac Ltée. GM 49342.

**De Carle, R.J., 1989:** Report on combined Helicopter-borne magnetic electromagnetic and VLF surveys, Lac Berry project, Amos area, Quebec, for Minerais Lac Ltée. GM 48466.

**McRoberts, S., 1989:** Report on diamond drilling, Vallières property, winter 1989. Malartic Hygrade Gold Mines Ltd., GM 48605.

**McRoberts, S., 1989:** Report on the geological mapping, Vallières property. Malartic Hygrade inc., GM 48846.

**Arnold, R., Collins, D.A., 1990:** Report on the Trecesson property, Trecesson and Dalquier townships, Amos, Québec, NTS 32D/09, for Armeno Resources inc., GM 49502.

**Roy, F., 1993:** Rapport de compilation et de cartographie, propriété Dalquier – PN 707. Minnova inc., Division Exploration. GM 52202.

**Gaucher, E., 1993:** Levé au Beep-Mat effectué sur la propriété détenue par Jean-Jacques Martel dans le canton de Dalquier. Explorations Minières du Nord Ltée. GM 52015.

Bérubé, P., 1994: Report on geophysical work, lac du Centre property. Inco Ltée. GM 52901.

**Samson, P., 1994:** Assessment report for work, January 1<sup>st</sup> – July 31<sup>st</sup> 1994. Inco/Lac Minerals option. TD property, Amos, Quebec. GM 52676.

**Beischer, G.A., Samson, P., 1994:** Geological assessment report May to October 1994, Centre Lake project. Inco Ltée. GM 52899.

**Roy, F., 1995:** Levé magnétique, propriété Dalquier PN-707. Corporation Minière Inmet. GM 53402.

**Stoch, J., 1995:** Chib-Kayrand property. Géoconseils Jack Stoch Ltée. GM 53612.

**Samson, P., Babineau, J., 1996:** TD project, 1996 assessment report Inco/Barrick Gold Resources option, Trecesson and Dalquier twps., Amos, Quebec. GM 54322.

**Desjardins, J., 1996:** Travaux d'exploration 1994-1995, propriété St-Félix. Groupe J. Frigon. GM 54158.

**Chartré, E., 1997:** Magnetometer survey, Dalquier twp, property. Ressources Amblin inc. GM 55235.

**Descarreaux, J., 2000:** Rapport programme d'échantillonnage lithogéochimique feuillets SNRC 32C/12 et 32D/09, secteur d'Amos, Abitibi. Programme d'assistance à l'exploration minière du Québec. GM 60217.

**Lambert, G., 2001:** Chib-Kayrand property, MRC Abitibi – Est, Dalquier twp, N.W Québec, NTS 32D09. Report on induced polarization surveys, for Jack Stoch. GM 59025.

**Laverdière, G., 2002:** Entente Québec, projet du Lac Davy, propriété Valiquette, 32D/09. GM 61298.

**Bérubé, P., 2002:** Logistics and interpretation report on mag survey, Dalquier property. Teck Cominco Ltd., GM 59840.

**Dejou, B.J., Hall, D.C., 2002:** 2002 exploration program Trecesson property, Amos project. Teck Cominco Ltd., GM 59849.

**Dejou, B.J., Hall, D.C., 2002:** 2002 exploration program Dalquier property, Amos project. Teck Cominco Ltd., GM 59841.

**Desrosiers, C., 2003:** rapport des travaux d'exploration sur la propriété Dalquier de Marie-thérèse Bawolak. GM 61308.

**Lapointe, S., Dessureault, M., 2004:** Rapport d'exploration minière, projet Megatem JV, bloc Amos Ouest, Mines d'Or Virginia inc., Noranda inc., GM 60830.

**Coulson, S.T., 2005:** Geophysical survey logistics report regarding the surface transient EM survey over the BER-807, CLE-104, DAL-807, FIE-808, FIG-813, TRE-851, 853, 854, 855 & 856 grid areas. Mines d'or Virginia, Noranda inc., GM 61665.

**Nieminem, R., Dessurault, M., 2005:** Rapport d'exploration minière, projet Megatem JVI bloc d'Amos Ouest, numéro de projet 551, Abitibi. 32D09, 32D10 et 32D16. Mines d'Or Virginia inc., Noranda inc., GM 61664.

**Nieminem, R., Dessurault, M., Vermette, D., 2005:** Rapport d'exploration minière projet Megatem JV1, bloc Amos ouest. Mines d'Or Virginia inc., Noranda inc., GM 61671.

**Stoch, J., 2005:** Chib-Kayrand property. Geoconseils Jack Stoch Ltée. GM 62085.

**Arseneau, G., 2009:** Dalquier property, St-Félix-de-Dalquier, 32D09. Drilling report on DA-09-01. Globex Mining Enterprises inc., GM 64780.

**Chainey, D., 2009:** Cartographie et échantillonnage des aires décapées. Propriété Trecesson. Les Explorations Carat inc. GN 64663.

**Lambert, G., 2011:** Report on total field ground magnetometer surveys and horizontal loop MaxMin II E.M surveys. Géconseils Jack Stoch Ltd., GM 65973.

**Lambert, G., 2011:** Report on horizontal loop MaxMin II E.M surveys and total filed ground magnetometer surveys. Globex Mining Enterprises inc., Raymor property, GM 65843.

**Pearson, M., 2011:** Interpretation of an open-file airborne magnetic and Megatem survey., Dalquier property. Adventure Gold inc., GM 65895.

### 27.3) GEOSCIENTIFIC PAPERS

**Robert, F., 1996:** Quartz-carbonate vein gold, in Eckstrand, O.R., Sinclair, W.D.T., and Thorpe, R.I., eds., *Geology of Canadian Mineral Deposit Types: Geological Survey of Canada, Geology of Canada No. 8*; (see also *The Geology of North America*, vol P-1, Geological Society of America).

**Franklin, J.M., 1997:** Lithogeochemical and mineralogical methods for base metal and gold exploration. In *proceedings of exploration 1997: Fourth decennial international conference on mineral exploration*, edited by A.G. Gubins 1997, pp 191-208.

**Dubé, B. and Gosselin, P., 2007:** Greenstone-hosted quartz-carbonates vein deposits, in Goodfellow, W.D., ed., *Mineral Deposits of Canada: A synthesis of major deposit types, district metallogeny, the evolution of geological provinces and exploration methods: Geological Association of Canada, Mineral Deposits Division, Special Publication No 5*, p 49-73.

**Beakhouse, G.P. 2007:** Structurally controlled, magmatic hydrothermal model for Archean lode gold deposits: a working hypothesis; Ontario Geological Survey, Open File Report 6193, 133 p.

**Percival, J.A. 2007:** Geology and metallogeny of the Superior Province, Canada, in Goodfellow, W.D., ed., *Mineral deposits of Canada: A synthesis of major deposit types, district metallogeny, the evolution of geological provinces and exploration methods: Geological Association of Canada, Mineral Deposits Division, Special Publication No 5*, p 903-928.

**Robert, F., Brommecker, R., Bourne, B.T., Dobak, P.J., McEwan, C.J., Rowe, R.R., Zhou, X., 2007:** Models and Exploration Methods for Major Gold Deposits. In *Proceedings of Exploration 07: Fifth Decennial International Conference on Mineral Exploration*, edited by Milkreit, 2007 pp 691-711.

**Gibson, H.C., Allen, R.L., Riverin, G., Lane, T.E., 2007:** The VMS model: advance and application to exploration targeting. In *proceedings of exploration 07: Fifth decennial international conference on mineral exploration*, edited by B. Milkereit, 2007, pp 713-730.

**Gaboury, D., Pearson, V., 2008:** Rhyolite geochemical signatures and association with volcanogenic massive sulphide deposits: Examples from the Abitibi belt, Canada. *Economic Geology*, v. 103 pp 1531-1562.



**SCHEDULE 1**

**TRECESSON PROPERTY**

**CLAIMS LIST**

**CLAIM LIST TRECCESSON**

Title type	Title #	Expiration date	Area (Ha)	Accumulated work	Required work	Mining duties	Claim holder	Constraint
CDC	2125373	2013-09-27	52,79	\$40 774,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2125374	2013-09-27	38,97	\$122 198,09	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2125375	2013-09-27	40,74	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2125376	2013-09-27	39,75	\$34 830,22	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2183177	2015-05-07	39,62	\$200 048,25	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2184531	2015-07-02	41,28	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2184532	2015-07-02	30,45	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2194117	2013-11-09	43,02	\$2 918,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2203164	2014-12-17	42,59	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2204388	2014-02-03	41,05	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2204389	2014-02-03	41,11	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2204390	2014-02-03	46,18	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2204391	2014-02-03	44,50	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2204392	2014-02-03	39,57	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2204393	2014-02-03	39,47	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2218396	2014-04-20	54,50	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2220733	2015-03-08	43,22	\$4 118,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2220734	2015-03-08	42,82	\$4 118,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2237228	2014-06-07	38,93	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2237229	2014-06-07	41,40	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2255539	2014-10-24	38,96	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2255540	2014-10-24	38,96	\$6 255,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2255541	2014-10-24	27,56	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2255542	2014-10-24	13,82	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2270749	2015-01-27	56,89	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2270750	2015-01-27	56,89	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2270751	2015-01-27	41,89	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2270752	2015-01-27	39,90	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2271058	2015-01-31	20,03	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2271059	2015-01-31	4,60	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2271060	2015-01-31	30,77	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275985	2015-03-03	42,55	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275986	2015-03-03	42,49	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275987	2015-03-03	41,59	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275988	2015-03-03	40,87	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275989	2015-03-03	40,71	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275990	2015-03-03	33,22	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275991	2015-03-03	35,46	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275992	2015-03-03	40,77	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275993	2015-03-03	41,31	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275994	2015-03-03	39,64	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275995	2015-03-03	39,63	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275996	2015-03-03	39,64	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275997	2015-03-03	39,34	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275998	2015-03-03	42,51	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2275999	2015-03-03	41,30	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2276000	2015-03-03	42,88	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2276001	2015-03-03	42,76	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2276003	2015-03-03	13,37	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276004	2015-03-03	13,38	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276005	2015-03-03	13,38	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276006	2015-03-03	35,03	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2276007	2015-03-03	8,38	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276008	2015-03-03	8,36	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276009	2015-03-03	9,03	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276010	2015-03-03	34,52	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2276011	2015-03-03	41,84	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2276012	2015-03-03	20,87	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276013	2015-03-03	20,39	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276014	2015-03-03	20,41	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276015	2015-03-03	20,36	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276016	2015-03-03	20,34	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276017	2015-03-03	20,93	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276018	2015-03-03	20,29	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276019	2015-03-03	20,25	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276020	2015-03-03	20,27	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276021	2015-03-03	20,28	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2276023	2015-03-06	17,34	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2281070	2015-03-28	42,40	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2292290	2015-05-31	56,88	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2292291	2015-05-31	56,88	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2292292	2015-05-31	56,88	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2292293	2015-05-31	56,88	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2293553	2015-06-05	30,61	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2293554	2015-06-05	35,95	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2293555	2015-06-05	37,74	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2301803	2013-07-18	47,81	\$1 200,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2301804	2013-07-18	39,66	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	



**CLAIM LIST TRECCESSON**

Title type	Title #	Expiration date	Area (Ha)	Accumulated work	Required work	Mining duties	Claim holder	Constraint
CDC	2311043	2013-08-28	56,92	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2311044	2013-08-28	56,92	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2311045	2013-08-28	56,91	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2311046	2013-08-28	56,91	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2311338	2013-08-30	16,06	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311364	2013-08-30	14,38	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311365	2013-08-30	14,41	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311366	2013-08-30	14,83	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311525	2013-09-05	9,98	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311526	2013-09-05	19,58	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311527	2013-09-05	22,26	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311528	2013-09-05	25,90	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2311529	2013-09-05	14,61	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311611	2013-09-06	42,19	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2311678	2013-09-06	14,62	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311679	2013-09-06	14,62	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311680	2013-09-06	14,62	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311681	2013-09-06	14,62	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311682	2013-09-06	14,61	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311770	2013-09-07	5,84	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311771	2013-09-07	4,99	\$0,00	\$500	\$27,75	Exploration Knick inc. 100 %	
CDC	2311773	2013-09-07	56,93	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2311774	2013-09-07	56,92	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2311775	2013-09-07	56,91	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2312189	2013-09-14	42,04	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2312190	2013-09-14	42,06	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2317432	2013-10-11	42,96	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2317433	2013-10-11	42,94	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2317434	2013-10-11	42,92	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2317435	2013-10-11	42,89	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2317436	2013-10-11	42,87	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2319913	2013-10-23	56,93	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2319914	2013-10-23	56,93	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2319915	2013-10-23	56,93	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2320039	2013-10-24	56,93	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2330552	2014-01-18	56,90	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2332359	2014-02-22	42,08	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2332364	2014-02-22	42,01	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2335726	2014-03-12	42,19	\$0,00	\$1 200	\$54,25	Exploration Knick inc. 100 %	
CDC	2191122	2015-10-07	43,10	\$855,18	\$1 200	\$54,25	Entreprises Minières Globex Inc 100 %	
CDC	2191125	2015-10-08	43,21	\$855,18	\$1 200	\$54,25	Entreprises Minières Globex Inc 100 %	
CDC	2191127	2015-10-08	43,17	\$855,18	\$1 200	\$54,25	Entreprises Minières Globex Inc 100 %	
CDC	2191128	2015-10-08	43,13	\$855,18	\$1 200	\$54,25	Entreprises Minières Globex Inc 100 %	
CDC	2246779	2016-08-17	43,06	\$65,53	\$1 200	\$54,25	Entreprises Minières Globex Inc 100 %	
CDC	2246780	2016-08-17	43,02	\$0,00	\$1 200	\$54,25	Entreprises Minières Globex Inc 100 %	
CDC	2246781	2016-08-17	42,99	\$0,00	\$1 200	\$54,25	Entreprises Minières Globex Inc 100 %	
CDC	2342054	2014-04-24	43,24	\$0,00	\$1 200	\$54,25	Entreprises Minières Globex Inc 100 %	
CDC	2187557	2013-08-31	42,13	\$0,00	\$1 200	\$54,25	Géoconseils Jack Stoch Limitée 100 %	
CDC	2187558	2013-08-31	42,20	\$262,50	\$1 200	\$54,25	Géoconseils Jack Stoch Limitée 100 %	
CDC	2187559	2013-08-31	43,10	\$0,00	\$1 200	\$54,25	Géoconseils Jack Stoch Limitée 100 %	
CDC	2187560	2013-08-31	43,08	\$0,00	\$1 200	\$54,25	Géoconseils Jack Stoch Limitée 100 %	
CDC	2187561	2013-08-31	43,05	\$2 762,50	\$1 200	\$54,25	Géoconseils Jack Stoch Limitée 100 %	
CL	5218856	2013-12-02	40,00	\$0,00	\$2 500	\$54,25	Géoconseils Jack Stoch Limitée 90 % Entreprises Minières Globex inc. 10%	
CLD	P010557	2014-01-06	40,00	\$0,00	\$2 500	\$54,25	Géoconseils Jack Stoch Limitée 90 % Entreprises Minières Globex inc. 10%	
CLD	P010558	2014-01-06	40,00	\$0,00	\$2 500	\$54,25	Géoconseils Jack Stoch Limitée 90 % Entreprises Minières Globex inc. 10%	
CDC	2309772	2013-08-23	41,12	\$0,00	\$1 200	\$54,25	Jean Robert (3790) 100 %	
CDC	2309773	2013-08-23	41,09	\$0,00	\$1 200	\$54,25	Jean Robert (3790) 100 %	
CDC	2309774	2013-08-23	41,08	\$0,00	\$1 200	\$54,25	Jean Robert (3790) 100 %	
<b>Total</b>	<b>213 claims</b>		<b>8 948,68</b>	<b>\$430 920,81</b>	<b>\$232 200</b>	<b>\$10 521,75</b>		