Great Thunder Gold Corp.

The Chubb and Bouvier Lithium Properties
Preissac-Lacorne Plutonic Complex
Abitibi Subprovince
Quebec, Canada
(NTS sheets 32D08 and 32C05)

August 2nd, 2016

Typical assemblage of spodumene-quartz-feldspar-muscovite observed in a granitic pegmatite exposed on the Chubb property.

GÉON

Michel Boily, PhD., P. Géo.

CERTIFICATE OF QUALIFICATIONS
(DATE AND SIGNATURE)

I, Michel Boily, Ph.D., P. Geo. HEREBY CERTIFY THAT:

I am a Canadian citizen residing at 2121 de Romagne, Laval, Québec, Canada.

I obtained a PhD. in geology from the Université de Montréal in 1988.

I am a registered Professional Geologist in good standing with l'Ordre des Géologues du Québec (OGQ; permit # 1097). I have praticed the profession of geologist for the last 39 years.

I had the following work experience:

From 1986 to 1987: Research Associate in Cosmochemistry at the **University of Chicago**, Chicago, Illinois, USA.

From 1988 to 1992: Researcher at **IREM-MERI/McGill University,** Montréal, Québec as a coordinator and scientific investigator in the high technology metals project undertaken in the Abitibi greenstone belt and Labrador.

From 1992 to present: Geology consultant with **Geon Ltée,** Montréal, Québec. Consultant for several mining companies. I participated, as a geochemist, in two of the most important geological and metallogenic studies accomplished by the Ministère des Richesses naturelles du Québec (MRNQ) in the James Bay area and the Far North of Québec (1998-2005). I am a specialist of granitoid-hosted precious and rare metal deposits and of the stratigraphy and geochemistry of Archean greenstone belts.

I have gathered field experience in the following regions : James Bay, Quebec; Strange Lake, Labrador/Quebec; Val d'Or and Rouyn-Noranda, Quebec; Grenville (Saguenay and Gatineau area); Cadillac, Quebec; Otish Mountains, Quebec, Lower North Shore, Quebec,Sinaloa, Sonora and Chihuahua states, Mexico, Marrakech and Ouarzazate, Morocco and San Juan, Argentina

I am the author of the 43-101F1 Technical Report entitled : "The Chubb and Bouvier Lithium properties, Preissac-Lacorne Plutonic Complex, Abitibi Subprovince, Quebec, Canada, NTS sheets 32D08 and 32C05" written for GREAT THUNDER GOLD INC. with an effective date of August 2nd, 2016.

I consent to the filing of this report with any stock exchange and any other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public.

As of the date of the certificate, to the best of my knowledge, information and belief, this Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

The Qualified Person, Michel Boily, has written this report in its entirety and is responsible for its content.

I read the National Instrument 43-101 Standards of Disclosure for Mineral Projects (the "Instrument") and the report fully complies with the Instrument.

I am an independent qualified person, QP, according to NI 43-101. I have no relation to GREAT THUNDRER GOLD INC. according to section 1.5 of NI 43-101 and thus I am independent of the Issuer. I am not aware of any relevant fact which would interfere with my judgment regarding the preparation of this technical report.

As of the effective date of August 2nd, 2016, to the best of my knowledge, information and belief, this technical report contains all scientific and technical information that is required to be disclosed to make the report not misleading.

I am the author of the Technical Report entitled : "Technical Report and Recommendations on three Li-Mo properties associated with the Preissac-Lacorne Batholith in the Abitibi Subprovince,Quebec, Canada:The Chubb, International and Athona properties " written on February 5, 2010 for MINERAL HILL INDUSTRIES LTD .

I last visited the Bouvier and Chubb properties from July 13 to 14, 2016.

Michel Boily, PhD., geo.
Dated at Montréal, Qc
August 2nd, 2016

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ITEM 1 SUMMARY

The lithium mineralization of the Chubb Property is located in lot 11, range II, of the La Corne Township. The property is located 2 km due south of Lake Baillargé approximately 32 km north form the town of Val d'Or and 6.5 km south of the village of La Corne. The Chubb property consists of 35 contiguous recorded mineral claims (CDC) with a total area of 1,509 hectares or 15.1 km^2; 100% owned by GTG. Trenching and drilling in the 1950's by Great Lakes Carbon Corporation and American Lithium Corporation revealed several spodumene-bearing granitic pegmatites, 1.6 to 6 m wide, with spodumene contents varying from 5 to 15% at a depth of 100 m. Abitibi Lithium Corporation drilled four DDH in the 1990's with best intersections of 1.68 LiO_2 wt. % /3.72 m and 1.25 Li_2O wt. %/2.38 m. In 2010, Mineral Hill Industries conducted ground-based magnetic and IP surveys which identified NNW-oriented chargeability anomalies roughly parallel to the strike of most granitic pegmatite dykes exposed south of Baillargé Lake. The most recent sampling campaign revealed variable but generally elevated Li_2O concentrations (0.01-2.84 wt. %; Av: 0.89±0.77 wt. % (n=59). The Main Dyke (no. 1), which is 300 m long, has a somewhat higher average Li_2O concentrations (1.00±0.79 wt. %; n=41).

The Bouvier property is located in the Saint-Mathieu municipality, Figuery Township and extends westward form the west bank of the Harricana River, 3 km SE of the village of St-Mathieu d'Harricana. The propriety consists of a main showing located within a grazing field forming part of a cattle farm on lots 31 to 38, range II. The Bouvier property consists of 16 contiguous recorded mineral claims for a total area of 692 hectares or 6.9 $km^{2;}$ 100% owned by GTG. A 67 x 11 m spodumene-bearing granitic pegmatite dyke containing 15 to 25% spodumene was first exposed in 1947. Eleven diamond drill holes were sunk in the early 1950's by the Lithium Corporation of America. The drilling campaigns constrain the dyke to a length of 183 m and a width of 5 to 14 m with a N75°W strike and a 45°S dip. In 2010, Minerals Hill Industries Ltd. unearthed the principal EW-oriented spodumene-bearing granitic pegmatite by digging NS-oriented trenches. A recent IP/Resistivity survey indicated chargeability anomalies orientated parallel to that of the Manneville fault (Boily, 2010). The main EW-oriented spodumene-bearing dyke displays variable but generally elevated Li_2O concentrations (0.04-2.91 wt. %; Av: 1.51±0.91 wt. % (n=20)) (Boily, 2010).

The Bouvier and Chubb lithium properties are located in the southern Abitibi subprovince in the Val d'Or-Malartic area of Québec. The southern Abitibi Belt consists of volcanic strata (2747-2698 Ma) intruded by tonalite-trondhjemite-granodiorite plutons (TTG suite). These rocks are unconformably overlain by alluvial-fluvial sedimentary rocks of the Temiskaming Group, deposited between (2680-2677 Ma) and intruded by coeval syntectonic syenitic and monzonitic plutons. Post-tectonic muscovite-biotite monzogranites intruded the regionally metamorphosed strata.

Spodumene-bearing granitic pegmatite dykes exposed in the Chubb and Bouvier properties are genetically associated with late peraluminous monzogranitic plutons of the Preissac-Lacorne Plutonic Complex that generated an aureole of Li, Mo, Be and Ta-mineralized granitic pegmatite dykes. The Chubb property sits in an area dominated by quartz monzodiorite and metasomatized quartz diorite (tonalite) with subordinate amount of quartz monzonite and granodiorite rocks. These constitute the early metaluminous plutonic suite of the Preissac-Lacorne Plutonic Complex. Spodumene-rich granitic pegmatite dykes intrude fractures and small faults within the metaluminous plutonic rocks. The pegmatite dykes are 1 to 6 m thick, oriented 345°-350°; and vary in length from 25 to 250 m. They are crudely zoned, some having quartz cores and border aplite zones. The granitic pegmatites are composed of quartz, albite and/or cleavelandite, K-feldspar, muscovite, with 5 to 25% spodumene.

The Bouvier property covers a region showing several exposures of biotite monzogranite and muscovite-biotite±garnet monzogranite monzogranitic plutons of the late peraluminous suite of the Preissac-Lacorne Plutonic Complex. The monzogranite rocks are intrusive into metagreywackes (biotite schists) of the Lac Caste Formation. To the north, the metasediments are in structural contact with the metavolcanic rocks of the Malartic and Harricana groups. The Manneville Deformation Zone marks the contact between the metasedimentary and metavolcanic formations. Most granitic pegmatites are zoned, some having quartz cores and border zones of aplite. They are composed of quartz, albite and/or cleavelandite, K-feldspar, muscovite, with 5 to 25% spodumene.

For the Chubb property, the author recommends a drilling campaign consisting of a minimum of 12 DDH distributed on three main Li-mineral granitic pegmatite targets. The author also suggests the terrane lying outside the principal sowing areas be roamed by prospectors to identify granitic pegmatite outcrops. The investigation should be followed by small scale mapping and sampling of targeted areas by a geologist. The results of this mapping campaign will be evaluated and, if needed, new grids constructed to carry out Resistivity/IP ground-based surveys. The cost of such program is estimated at $414,225. Finally, a total of 11 diamond drill hole allotted to three different sites, corresponding to known Li-mineralized granitic pegmatite dyke exposures or presumed buried dykes, is recommended by the author as an exploration program for the Bouvier property at a cost of $430,959. Since the northern part of the property underwent little exploration in the past, the author also mapping and prospecting of the area. This would constitute Phase I of GTG exploration campaign. In the eventuality of successful results, the author recommends more comprehensive and detailed drilling campaigns on both properties, totaling 6,000 m of core at a cost of $1,328,906.

ITEM 2 INTRODUCTION

On June 6, 2016, Great Thunder Gold Corp. (GTG) of Vancouver, BC, Canada, mandated GÉON to write an 43-101F1 Technical Report on the Bouvier and Chubb properties located in the Abitibi Greenstone Belt, in the La Corne and Landrienne Townships, northwest of the town of Val d'Or, province of Quebec. The purpose of the document is to describe the geological, structural and metallogical characteristics of both properties. This report will also comply with the TSX Venture Exchange regulatory requirements and follow the guidelines and framework defined in the Form 43-101F1 pertaining to National Instrument 43-101: "Standards of Disclosure for Mineral Projects". Finally, the 43-101 will support the technical disclosures by Great Thunder Gold Corp. in its Annual Information Form. The author has extracted data and information from reports available in the public record with the Ministère de l'Énergie et des Ressources Naturelles du Québec (SIGEOM website) and general geological reports and maps.

Most of these reports were prepared before the implementation of NI 43-101. Although many authors of such reports appear to be qualified and the information was prepared to standards acceptable to the exploration community at the time, the data does not fully meet present requirements. The author however believes the information provided is verifiable in the field, and that it is a reasonable representation of the mineralization. The report also rests heavily on extracts from the NI43-101 Technical Report written in 2010 for Mineral Hill Industries Ltd. by the author Michel Boily, and entitled: " Technical Report and Recommendations for three Li-Mo properties associated with the Preissac-Lacorne Batholith in the Abitibi Subprovince, Quebec, Canada: The Chubb, International and Athona properties". The author visited the Bouvier and Chubb properties on July 13 and 14, 2016. The visit consisted of a general tour of the properties that included a close survey of the different types of lithologies, structures and mineralization.

The author has relied upon information provided by Great Thunder Gold Corp. (GTG) that describes the purchase Option Agreement into which GTG entered into the project and on data that confirm the obligations through the Option Agreement. The author has seen documents alleging that the Bouvier and Chubb properties CDC claims are in good standing and the payments up to date. To the author's best knowledge, there are no current or pending litigations that may be material to the Bouvier and Chubb property assets. The author does not accept any responsibility for errors pertaining to this information. The Bouvier property is located on privately owned land. GTG will have to obtain the agreement of the owners prior to carry exploration work. The new Quebec Mining Law requires a mining company to inform the municipalities where the acquired mining properties reside of the impending exploration work.

Units presented in this report use the metric system. Lithium concentrations are given in wt. % except as otherwise stated. Other trace metal contents are given in parts per million (ppm). Tonnage figures are in dry, metric tons unless otherwise stated. Currency unit used is the Canadian Dollar (CAD$). The measurements used in the course of this study are in conformity with the nomenclature of the international system (SI).

The office of Great Thunder Gold Corp. is located on Suite 900, 570 Granville Street

Vancouver, BC, V6C 3P1

ITEM 3 RELIANCE ON OTHER EXPERTS

There is no reliance on other experts

ITEM 4 PROPERTY DESCRIPTION AND LOCATION

4.1-The Chubb Property

The Chubb property is located in the Abitibi Greenstone Belt of northern Québec in the Abitibi-East County, La Corne municipality, La Corne Township, NTS map sheet 32C05. The Property is situated 2 km due south of Baillargé Lake approximately 32 km north form the town of Val d'Or and 6.5 km south of the village of La Corne. The Chubb property consists of 35 contiguous recorded mineral claims with a total area of 1,509 hectares or 15.1 km^2 (Figure 1); 100% owned by GTG. The claim block is centered at coordinates 77º57' 02" W Long. and 48º18'43" N. Lat or UTM coordinates 281239 E and 5355189 N (NAD83; Zone 17N), with the details of the titles given in Appendix 1.

4.2-The Bouvier Property

The Bouvier property is located in the Abitibi Greenstone Belt of northern Québec, Abitibi-East County, Saint-Mathieu municipality, Figuery Township, NTS map sheet 32D08. The property is situated on the western banks of the Harricana River, 3 km SE of the village of St-Mathieu d'Harricana (pop. 701). The Bouvier property consists of 16 contiguous recorded mineral claims for a total area of 692 hectares or 6.9 km^2 (Figure 2); 100% owned by GTG. The claim block is centered at coordinates 78º06' 20" W Long. and 48º26'48" N Lat. or UTM coordinates 714038 E and 537007 N (NAD83; Zone 17N), with the details of the titles given in Appendix 1.

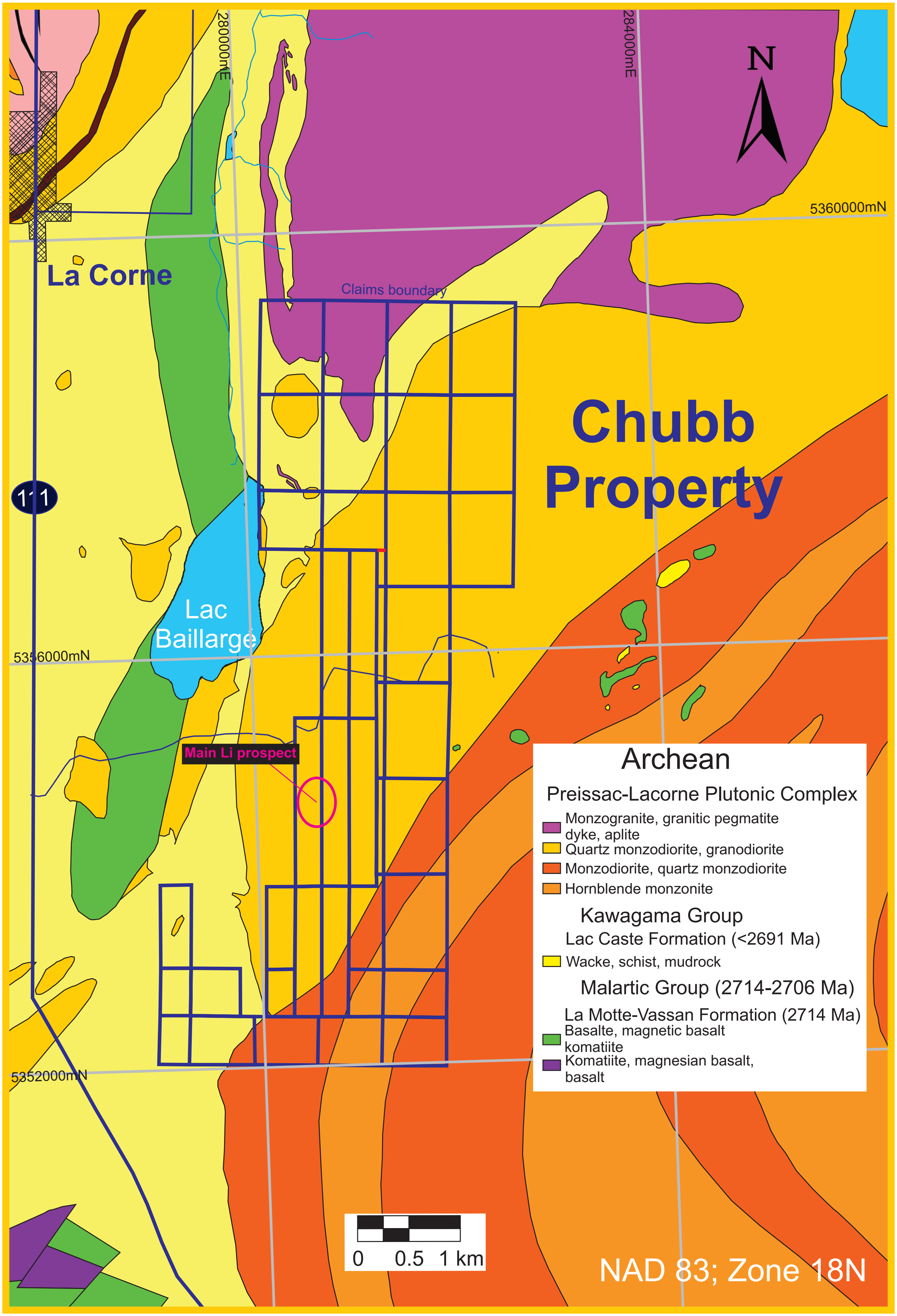

Figure 1. Localization of the Chubb property CDC claims and geology of the surrounding area.

The Chubb and Bouvier properties were staked through the GESTIM website run by the Ministère de l'Énergie et des Ressources Naturelles du Québec. The UTM coordinates and grid contours on the geological maps are extracted from the information given on the GESTIM website. The boundary of each claim, expressed as UTM coordinates or Longitude and Latitude, can also obtained through the GESTIM site. There are no mineral resources or mineral reserves on the two properties according to the 2005 CIM Definition Standards. There are no mine workings, tailing ponds, waste deposits and important natural features and improvements relative to the outside property boundaries. However, each property contains mineralized zones manifested by outcrops, small pits and/or trenches. There are no historical mineral resources on the Chubb and Bouvier properties according to the 2010 CIM Definition Standards. There is sufficient unused land within both the Chubb and Bouvier property for waste and tailing disposal and the construction of a mine and milling installations. However, the Company will have to establish first an agreement with the landowners and local authorities and obtain all the necessary authorizations and permit from the provincial government

According to Quebec government records, no part of the land covered by the properties is a park or mineral reserve. To our knowledge, the properties are devoid of back royalties, back in rights, payments or other encumbrances. They are not subject to environmental liabilities except for those specified in the "Loi sur les Mines" (L.R.Q. chapter M-13.1). An intervention permit must be obtained from the Quebec Province government in order to initiate a drilling campaign. The new mining act of Québec requires a claim holder to notify the local municipality, the landowner, the State lessee and the holder of an exclusive lease to mine surface mineral substances of the claim obtained, within 60 days after registering the claim in the register of real and immovable mining rights, and in the manner determined by regulation. A claim holder also needs to notify the local municipality and the owner of the land on which the claim is situated of the work that will be carried out, at least 30 days before the work begins.

The new mining act of Quebec allows a company or an individual to hold a claim up to a period of seven years. The claim renewal fee is $59.67 per claim having an area of 25 to 100 ha. The owner or optionor also must spend a minimum of $780 (1 year) or $1,625 (7 years or more) per claim having an area of 25 to 100 ha. The amount needs to be spent on exploration work (i.e.

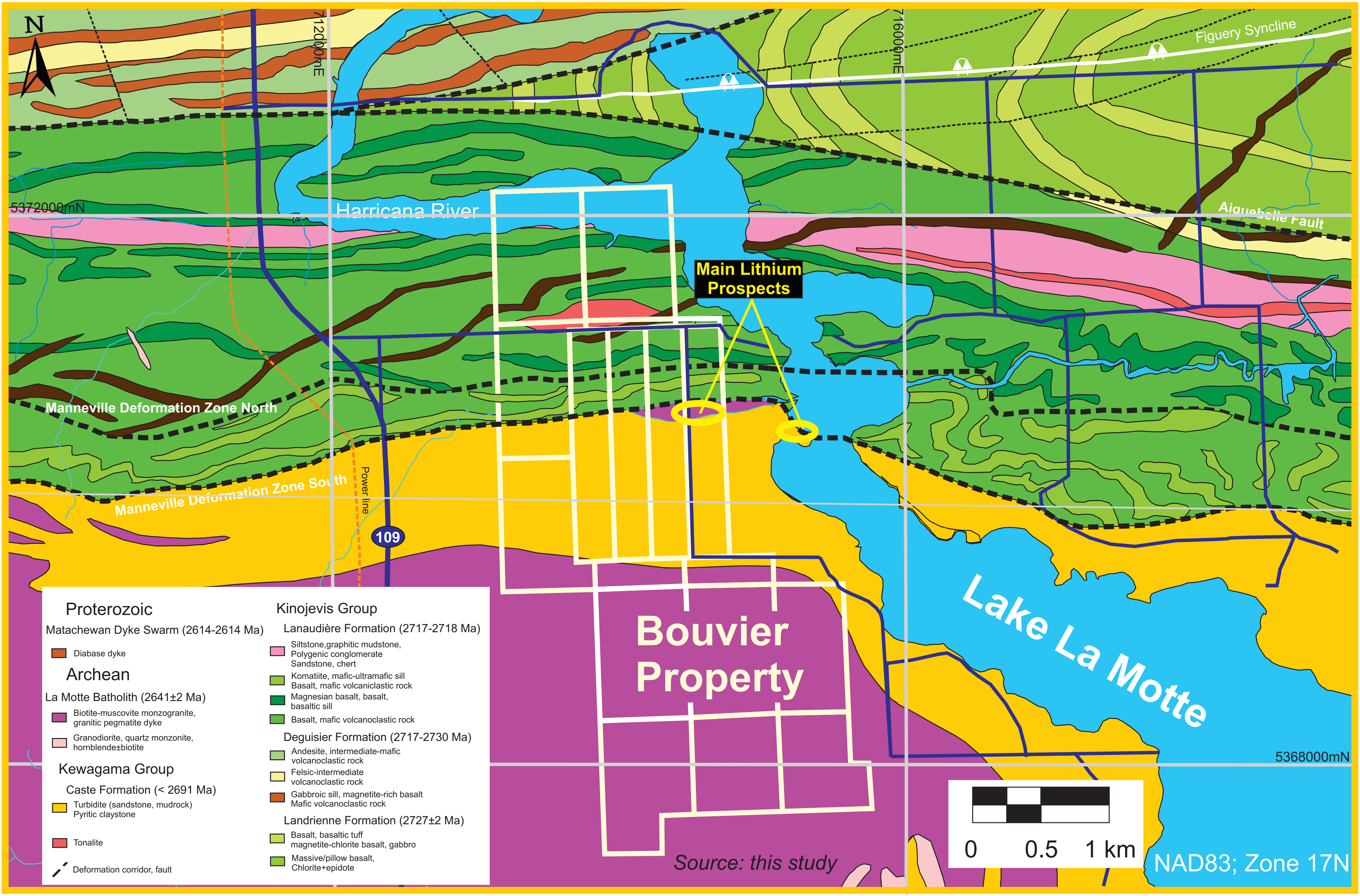

Figure 2. Localization of the Bouvier property CDC claims and geology of the surrounding area.

geological mapping, geophysical survey, drilling…) for the claim to remain in good standing. The renewal must be forwarded to the Quebec government, at a cost, 60 days before the claim expiration date. The renewal is obtained only if the exploration expenses satisfy all the requirements demanded by the Ministère des Richesses Naturelles du Québec.

Pursuant to an Agreement dated May 2, 2016 between Great Thunder Gold Corp. (GTG-TSX-V; the "Optionee") and Globex Mining Enterprises Inc. (GMX-TSX; the “Optionors"), the legal and beneficial owner of a One Hundred percent (100%) interest in and to certain mineral claims of the Chubb and Bouvier properties situated in the northwestern part of Quebec, in the Figuery and La Corne townships, (the “Properties”); the Optionors wish to grant and the Optionee wishes to acquire all such interest in and to the Properties on the terms and subject to the conditions set out in this Agreement. Under the Option Agreement, Great Thunder Gold will: a) Pay Globex $60,000 over a six month period, b) Deliver to Globex 2,400,000 Great Thunder Gold shares subject to a 4 month hold period, 3) Reserve for Globex a 2% Gross Metal Royalty on all mineral production from the properties and, 4) Assume all obligations under the contract by which Globex acquired the properties including the underlying 1% Net Smelter Royalty.

ITEM 5 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES INFRASTRUCTURE AND PHYSIOGRAPHY

5.1- Accessibility

5.1.1-The Chubb Property

Access to the Chubb Property is via road 111 going north from Val d’Or for approximately 32 km until reaching an old logging gravel road located on the east flank of the paved road. The gravel road leads westward for 2.3 km to a beaver dam and an opening to a muddy track.

Walking 500 m south and then southeast on the track we reach a point located less than 50 m due north of the Main Dyke outcrops. The Chubb property lies within a relatively flat region comprising small hills and several swampy areas. The mean ASL altitude is 350 m.

5.1.2-The Bouvier Property

The Bouvier property is located largely within grazing fields which form part of cattle and hay farms. The property is easily reachable by paved and gravel road from the town of Amos (pop. 12,584) via route 109 south in direction of Val d'Or. Travelling 13 km on this paved road, we turn east (left) on the Chemin des Deuxième et Troisième Rangs Est for 2 km, then turn south (left) on the Chemin du Lac La Motte for 500 m. A small gravel road crosses the property in an EW direction to the Pointe du Moulon on the west bank of the Harricana River. The Bouvier property sits on flat ground. The mean ASL altitude is 300 m.

5.2- Climate, Local Resources, Infrastructure and Physiography

The Abitibi region sits on some of the oldest rocks of the Precambrian Canadian Shield (about 2.7 Ga). The region forms a vast plateau with sporadic elevations and was heavily sculpted by glaciation and the landscape often reflects the effect of glacial deposits (clay, esker, drumlin etc…). The area north of Val d'Or is characterized by a subarctic cold continental climate with cool summers (May to September) and very cold winters (October to April). Mean average temperatures for the month of July are 23.4ºC max. and 11ºC min., whilst the month of January an averages maximum of -10.9ºC and minimum of -23.5ºC. Average snow precipitation from October to April is 296 cm.

The vegetation is dominated by the boreal forest. White and black spruce and balsam fir repeat itself endlessly across the region. Tamarack and jack pine, along with fast-growing deciduous species such as poplar and birch are other important members of the Abitibi forest cast. The harsh climate results in an open coniferous forest with a thick mat of lichens growing between the trees. Numberless bogs and fens support the spruce, Labrador tea, blueberries and their kin, bog rosemary, cloudberry and other acid-loving species. The beaver and the loon are the living symbols of this boreal forest. Other typical wildlife includes the moose, wolf, snowshoe hare, spruce grouse, ruffed grouse, lynx, black bear and caribou (old-growth forests providing their critical winter range). In summer, the spruce woods ring with the calls of warblers and other migratory birds.

Val d'Or (pop. 31,862), a mining town located just 32 km south of the Chubb property, provides all the technical expertise, manpower and resources necessary for the development of a mining property. At the Chubb property, water can easily be collected from the numerous lakes and streams present. At Bouvier, water can be brought from the Harricana River or from an EW-oriented stream that follows a gravel road to the Du Moulon point. Electricity could be obtained from a link through the village of La Corne located just 6.5 km north of the entry to the Chubb Property on road 111, whereas a NS-power line running parallel to road 109 is located just 2 km west of the Bouvier property.

ITEM 6 HISTORY

6.1-The Chubb Property

The initial discovery of the lithium showings is attributed to F.W. Chubb who in 1944, unearthed spodumene in granitic pegmatite dykes in Lot 11, Range II, Lacorne Township. Then in 1951, Great Lakes Carbon Corporation did substantial trenching and drilled eight short holes totaling 640 m to evaluate the downward projection of the surface lithium values (see Table 1 and Figure 3). These holes indicated spodumene contents varying from 5 to 15% at a depth of 100 m (cited in Brett, 1960).

In 1956, American Lithium Corporation carried out more work consisting of digging ten trenches in granitic pegmatite dykes. Seven of the trenches were blasted over the principal dyke area. The width of the exposed pegmatites varied from 1.6 to 6 m (Alex, 1956: GM 38956).
In 1961, Denison Mines Ltd. established a grid with EW-oriented lines and several EW-trending

Table 1. Historical diamond drill holes on the Chubb property.

No. Report	Hole no.	Township	Lot	Range	Easting*	Northing	Azimuth (°)	Plunge (°)
GM 01336-B (1952)	1	La Corne	11	II	280424	5354276	71	45
GM 01336-B	2	La Corne	11	II	280362	5354271	81	45
GM 01336-B	3	La Corne	11	II	280515	5354287	80	47
GM 01336-B	4	La Corne	11	II	280510	5354342	80	45
GM 01336-B	5	La Corne	11	II	280574	5354315	79	45
GM 01336-B	6	La Corne	11	II	280710	5354344	75	45
GM 01336-B	7	La Corne	11	II	280789	5354372	74	45
GM 01336-B	8	La Corne	11	II	280497	5354392	259	41
GM 32243 (1976)	GNC&C-1B	La Corne	11	II	280540	5355149	270	45
GM 32243	GNC&C-2B	La Corne	11	II	280533	5355091	270	45
GM 52881 (1994)	L-94-01	La Corne	11	II	280593	5354615	210	55
GM 52881	L-94-02	La Corne	11	II	280505	5354596	66	45
GM 52881	L-94-03	La Corne	11	II	280564	5354531	66	45
GM 52881	L-94-04	La Corne	11	II	280439	5354414	237	45

* NAD83; Zone 18N

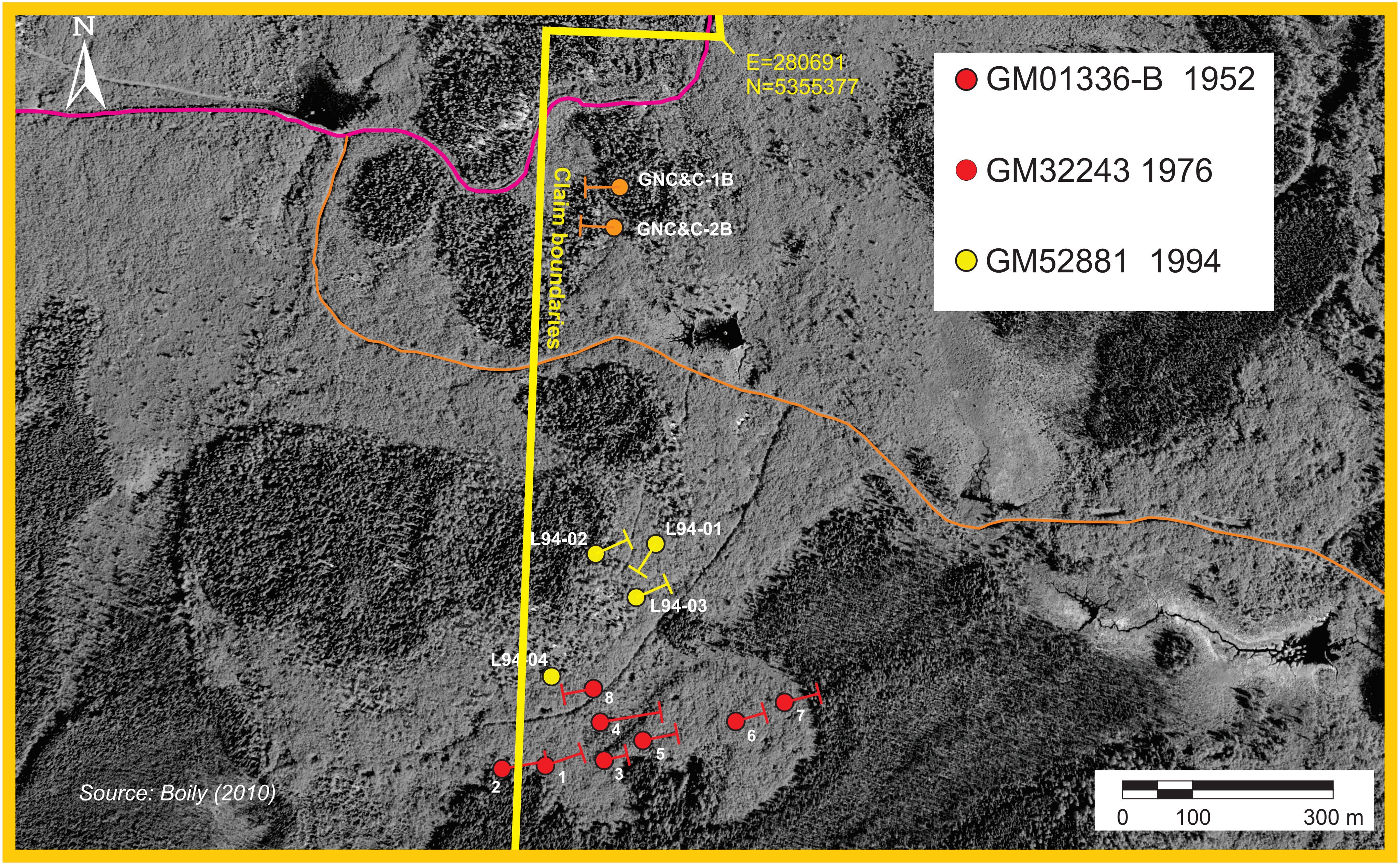

Figure 3. Localization of historical DDH, Chubb property.

trenches were blasted while conducting a geological mapping program. Lithium Corporation of America returned in 1976 to drill two additional holes totaling 152.4 m near the main granitic pegmatite dyke (Blanton, 1976; GM32243). Campbell (1981, GM37894) also carried out geological mapping in the showing area while conducting a sampling campaign. Campbell noticed numerous quartz stringers and granitic pegmatite dykes varying in width from a few cm to 2 m; some attains 175 m in length. He further observed spodumene, tantalite and beryl in several pegmatite dykes. Descarreaux (1991; GM51854) and Rennick (1991; GM51853) summarized the geology and history of a large property that included the Chubb showing, while recommending future exploration work for the Abitibi Lithium Corporation. Exploration work was carried out by Lamarche (1994; GM52881) for Abitibi Lithium Corporation. The company established a grid totaling 8.435 km while carrying out 4 drill holes, 3 on the main granitic pegmatite dykes, totaling 91.4 m. The best intersections for their lithium content are presented below (Table 2).

Hole no.	**Azimuth (°)**	**Plunge (°)**	**Depth (m)**	**From (m)**	**To (m)**	**Length (m)**	**Li_2O (wt. %)**
L94-1	210	55	91.4	31.18	34.90	3.72	1.68
L94-2	66	45	76.2	61.42	63.58	2.16	0.15
L94-3	66	45	76.2	25.66	28.04	2.38	1.25
				47.79	50.04	2.75	1.00
				51.82	53.28	1.46	1.05
L94-4	237	45	61.0	1.37	1.98	0.61	1.06
				9.44	11.13	1.69	0.16

Table 2. Best intersection of the drilling campaign conducted by Abitibi Lithium Corp. in 1994 (Lamarche, 1994; GM52881).

The most recent exploration work was conducted by Mineral Hill Industries in 2010. The work was extensive and included line cutting forming a 50m-spaced grid covering an area of 250 x 750 m. A magnetic survey followed by an IP/resistivity survey were run on the grid lines. The results of magnetic survey indicated the total magnetic contours reflecting a number of magnetic lineaments oriented NNW, with anomalies of small amplitudes (130 nT to 170 nT above background), possibly related to a network of inferred NE and NW-oriented faults. The Time

Domain Resistivity / Spectral Induced Polarization survey generated resistive zones. The majority of the IP anomalies are located in the resistive area. Areas that show relatively high resistivity (western part) have also an increased chargeability. Overall, there were six chargeability anomalies (CH1 to CH6) (Figure 4). Most of the anomalies are oriented NNW and located on the western resistive zone of the grid. They corresponded well to the broad trend defined by the localization of channel samples which were gathered from outcrops of spodumene-bearing granitic pegmatites. The orientation of the connected anomalies is also roughly parallel to the strike of most granitic pegmatite dykes exposed south of Baillargé Lake. Mineral Hill also collected a series of surface channel rock samples from three spodumene-bearing granitic pegmatite dykes along and between the main grid lines (Figure 5). The concentrations of Li2O (wt. %) displayed variable but generally elevated concentrations (0.01-2.84 wt. %; Av: 0.89±0.77 wt. % (n=59)). The Main Dyke, which is 300 m long, yielded an average Li_2O content of 1.00±0.79 wt. % (n=41).

6.2-The Bouvier Property

The main Bouvier showing is located in a farmer's field on Lots 31 to 38, Range II, Figuery Township. The first discovery of spodumene is attributed to Mr. J. Cyr in 1947 whose work consisted in bulldozing the field to expose a 67 x 11 m spodumene-bearing granitic pegmatite dyke .The dyke contained 15 to 25% spodumene. In 1951, four DDH were put down in Lot 36 by the Lithium Corporation of America. Seven subsequent DDH were sunk in 1953. Three holes were located 61, 107 and 146 m west of the 1951 section and cut the main spodumene-bearing dyke, but two holes located 37 and 84 m to the east failed to reach it. The drilling campaigns constrain the dyke to a length of 183 m and width of 5 to 14 m. The strike is N75°W and the dip 45°S (Sharpe, 1961; Latulippe, 1954; GM02686A). In 1976; two DDH totaling 152 m implanted east of the main zone extension failed to reach any spodumene-bearing dyke (Blanton, 1976; GM32243). International Mining Corp. also drilled some boreholes on the southern edge of the property (Figure 6). The holes encountered a mixture of muscovite-biotite monzogranite, aplites, granitic pegmatites and biotite schists. Although, some beryl, molybdenite and spodumene were observed no significant mineralization could be found in the granitic dykes (GM30699). A summary of the drilling campaigns is given in Table 3 and Figure 6. Sharpe (1961) reported

Table 3. Historical diamond drill holes sunk on the Bouvier property.

No. Report	Hole no.	Township	Lot	Range	Easting*	Northing	Azimuth (°)	Plunge (°)
GM 01336-C (1951)	1A	Figuery	36	II	714612	5370588	360	45
	4	Figuery	36	II	714608	5370638	180	45
GM 01336-D (1953)	4	Figuery	36	II	714627	5370565	360	45
	5	Figuery	36	II	714479	5370546	360	60
	6	Figuery	36	II	714579	5370523	360	60
	7	Figuery	35	II	714435	5370577	360	60
	8	Figuery	35	II	714398	5370598	360	60
	9	Figuery	35	II	714359	5370619	360	60
GM 03227-A (1954)	1	Figuery	39	II	715349	5370449	45	50
	4	Figuery	40	II	715653	5370380	360	90
	7	Figuery	40	II	715619	5370437	235	55
	8	Figuery	40	II	715684	5370297	245	55
	17	Figuery	39	II	715266	5370503	360	90
	18	Figuery	39	II	715258	5370430	9	45
	19	Figuery	39	II	715255	5370403	10	50
	35	Figuery	39	II	715349	5370609	195	50
	36	Figuery	39	II	715354	5370640	195	50
	37	Figuery	39	II	715378	5370601	195	50
	42	Figuery	39	II	715366	5370540	195	50
	43	Figuery	39	II	715381	5370445	15	50
GM 03699 (1955)	50	Figuery	40	II	715661	5369724	45	50
	53	Figuery	39	II	715343	5369840	6	50
	54	Figuery	40	I	715550	5369625	45	50
	56	Figuery	39	II	715332	5369717	6	45
GM 30571 (1974)	P.150	Figuery	39	II	715390	5370979	180	45

*UTM Coord.: NAD83; Zone 17N

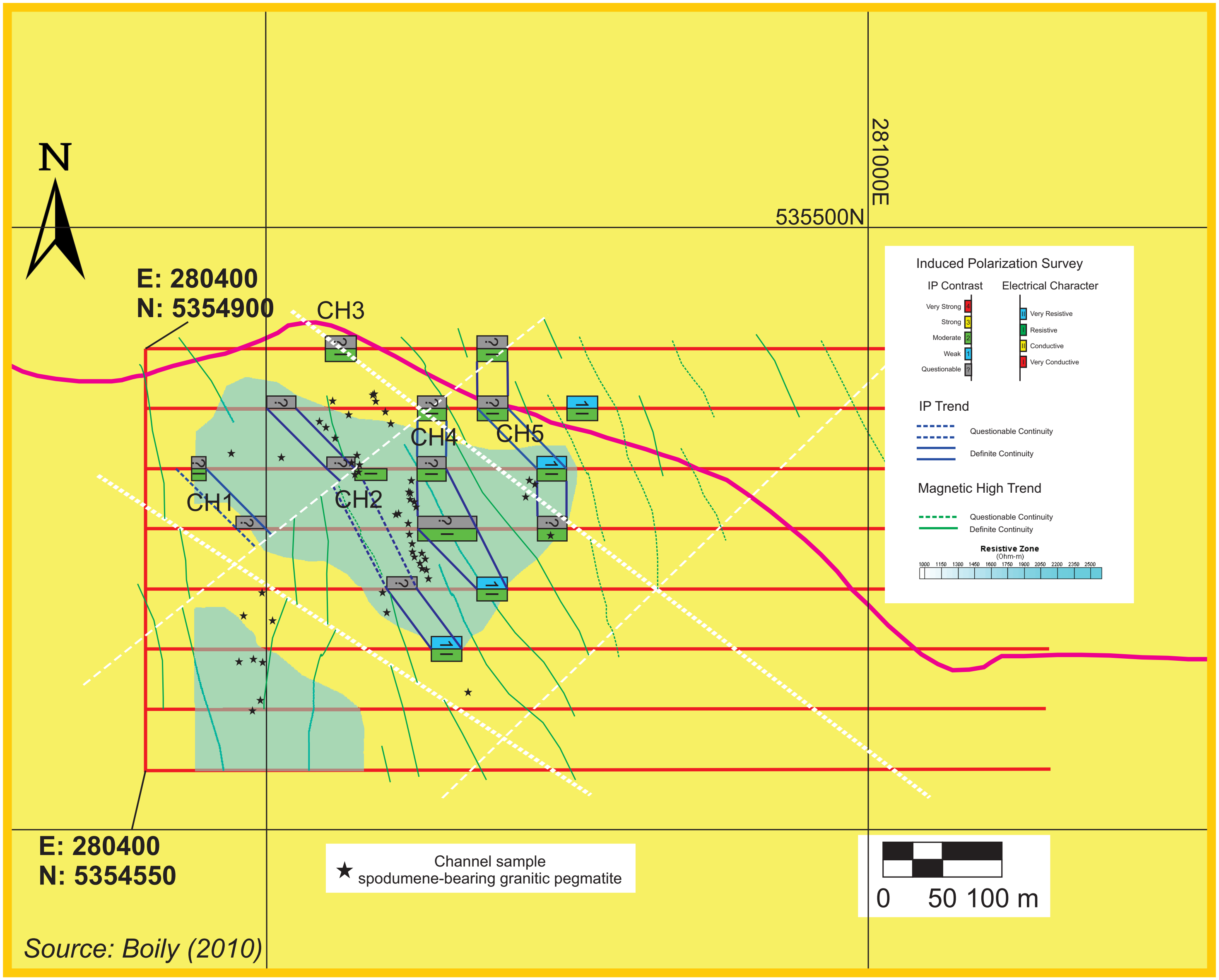

Figure 4. Interpretation of the ground-based IP and MAG surveys carried on the Chubb property by Mineral Hills industries in 2009 (Boily, 2010). The IP results (high chargeability) identified four major NW-SE oriented structures that probably reflect masses or dykes of granitic pegmatite lying at a minimum depth of 40 m. Note that the trend of all IP anomalies follows the general orientation of exposed spodumene-bearing granitic pegmatite outcrops as testified by the localization of the channel samples. UTM Coord.; NAD83; Zone18N; E=Easting; N=Northing.

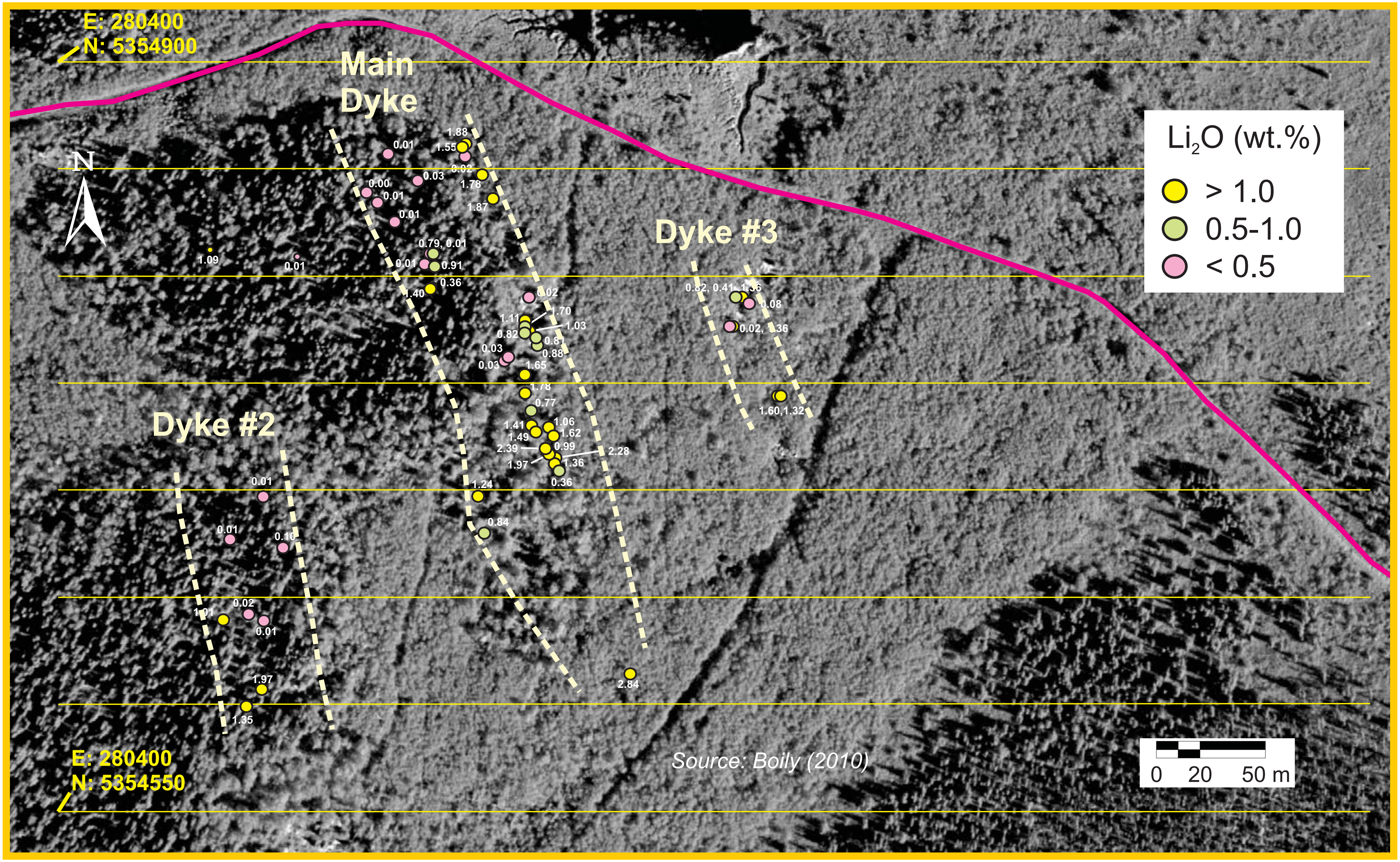

Figure 5. Spatial distribution of Li$_2$O concentrations (wt.%) of granitic pegmatite rock channel samples collected by Mineral Hill Industries in 2009 on the Chubb property. UTM Coord.; NAD83; Zone 18N; E=Easting; N=Northing.

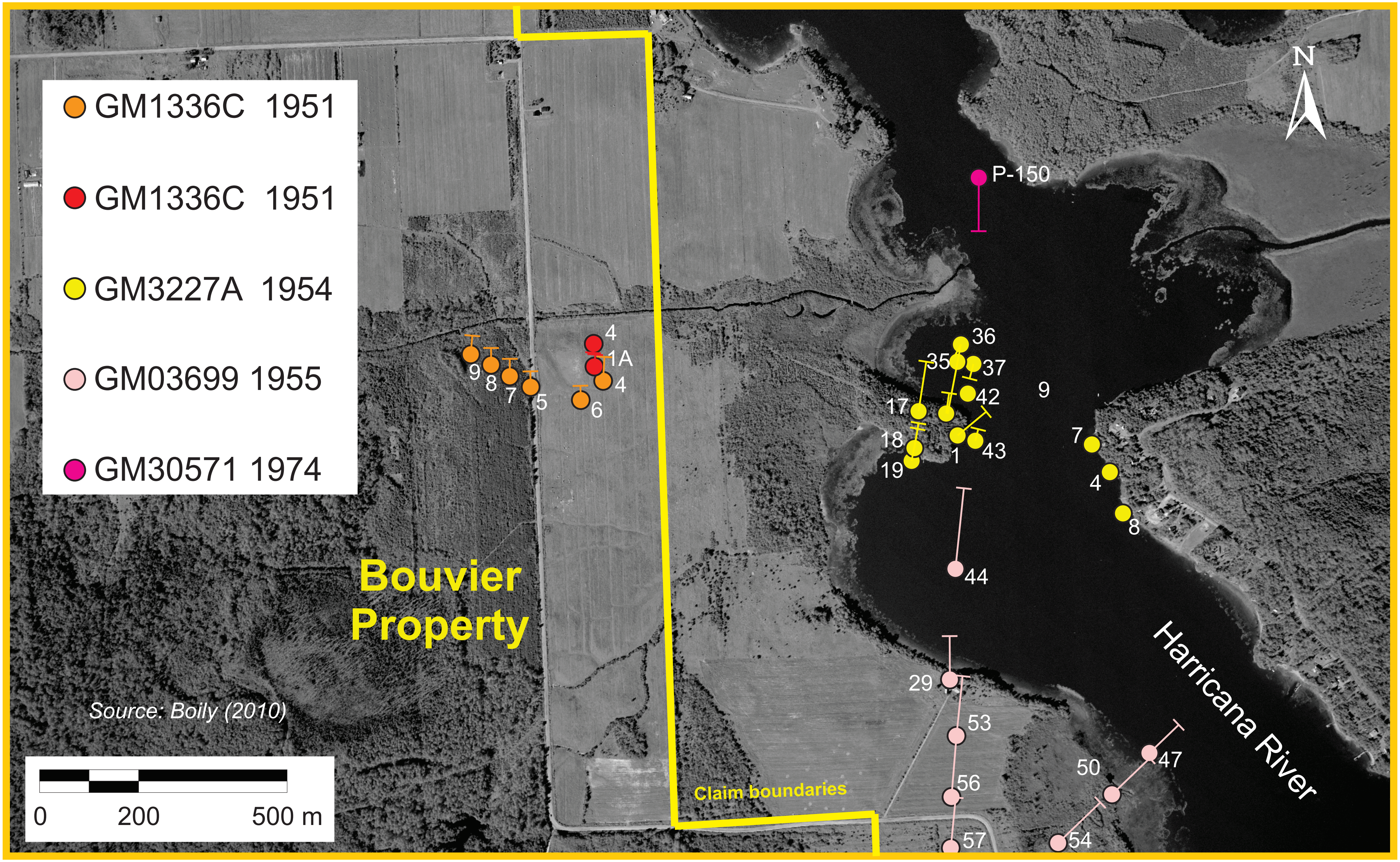

Figure 6. Localization of historical DDH sunk principally during the 1950's on the Bouvier property.

International Lithium Mining Corp. owned in 1954 a large property in the Figuery Township which covered Lots 38 to 48, Range II and Lots 31 to 42, Range III. In 1954-1955, the company carried an extensive drilling campaign that included 85 DDH, focused in the central parts of lots 39 and 40. The drill holes explored a zone of spodumene-bearing granitic pegmatite dykes located in part under the western shore of the Harricana River (GM03227A; also see Table 3 and Figure 6). The dykes lie along a bend in the sedimentary-volcanic contact which veers from an EW to a SE direction. The spodumene-bearing dykes are exposed on the western bank of the Harricana River and also contain tantalite. The zone explored by drilling includes several irregular shaped, sub-horizontal granitic pegmatite dykes with some intersections reaching 6 m. The drilling was pursued northward to seek for an extension to the pegmatites. Exploratory drilling and trenching was conducted southward of the Harricana River shore in Lot 40, Range I. The work revealed a complex zone of spodumene-bearing granitic pegmatites and monzogranite rocks with erratic distribution of spodumene, beryl, tantalite and fluorine (?). Spodumene was estimated to form 4 % of the exposed rock. Subsequent work was performed in 1963 with a series of ground based magnetic and electromagnetic surveys which produced little results (Woakes, 1963a, b; GM13126 and GM13127 and Woodard, 1963; GM13129). The most recent exploration work was carried out by Mineral Hill Industries in 2010. A 550 x 750 m grid was established on the Bouvier showing to carry out magnetic and Time Domain Resistivity / Spectral Induced Polarization surveys. Mineral Hill has set up to dig six NS-oriented trenches parallel to Cyr granitic pegmatite dyke for a length over 100 m (Figure 7). Results of the total magnetic contour maps produced magnetic anomalies oriented approximately E-W probably related to an ENE and NW-oriented network of inferred faults. The resistivity map displays a high conductivity zone in the north-western area of the survey grid, whilst a zone of relatively high resistive values occurs on the southwestern area. These anomalies display a broad NE to EW orientation parallel to that of the Manneville Deformation Zone. Three chargeability anomalies (INT1 to INT3) are depicted (Figure 8). The northernmost anomaly correspond to the zones of trenches revealing spodumene-mineralized granitic pegmatite dykes. The IP results identified three major EW to NE-SW-oriented structures that probably reflect masses or dykes of granitic pegmatite lying at a minimum depth of 40 m. Channel samples were collected from two main granitic pegmatite dykes (Figure 7). The main Bouvier granitic pegmatite dyke unearthed

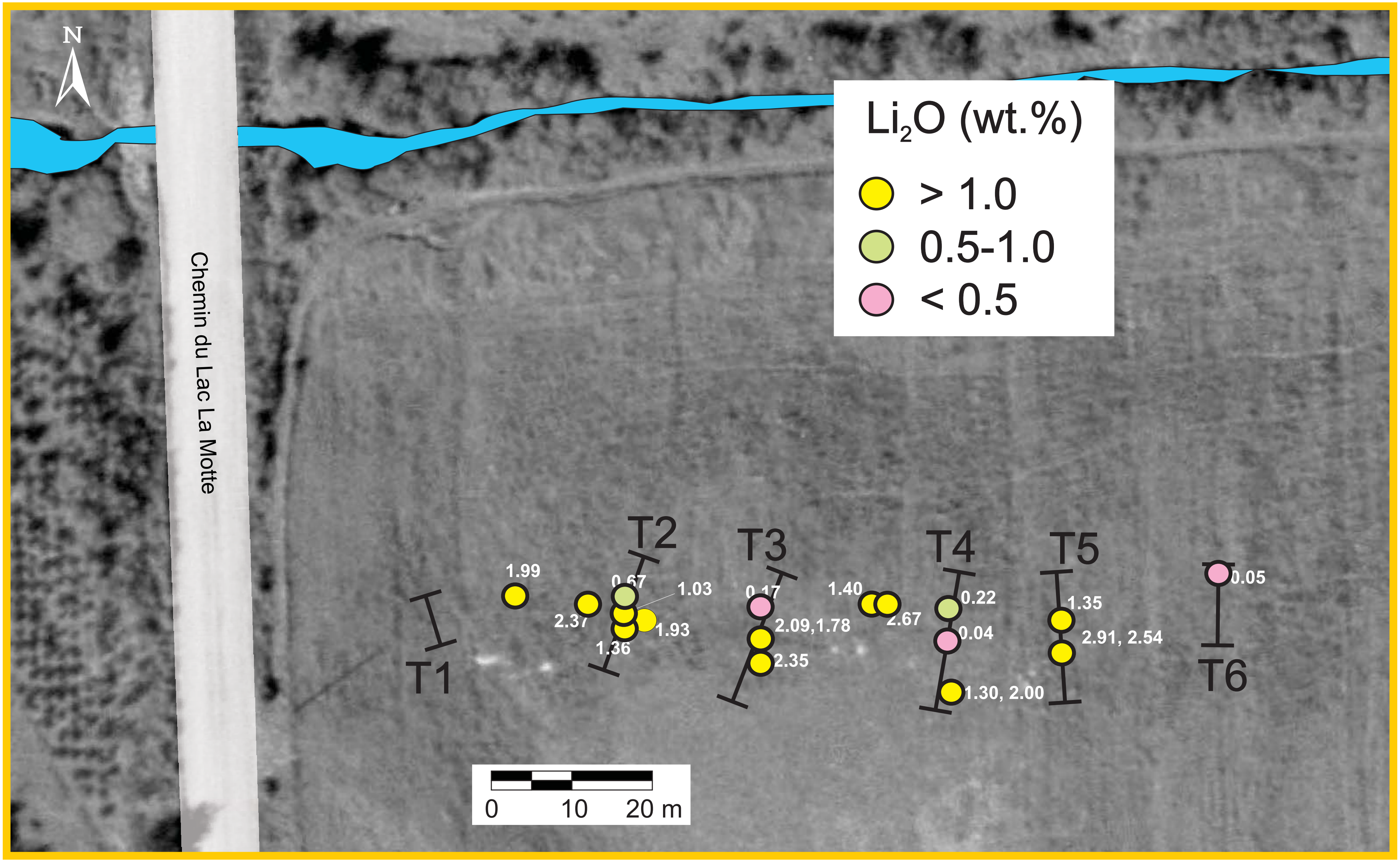

Figure 7.Spatial distribution of Li_2O concentrations of grantic pegmatite rocks collected from the Bouvier trenches dug by Mineral Hill Industries in 2009. UTM Coord.; NAD83; Zone 17N; E=Easting; N=Northing.

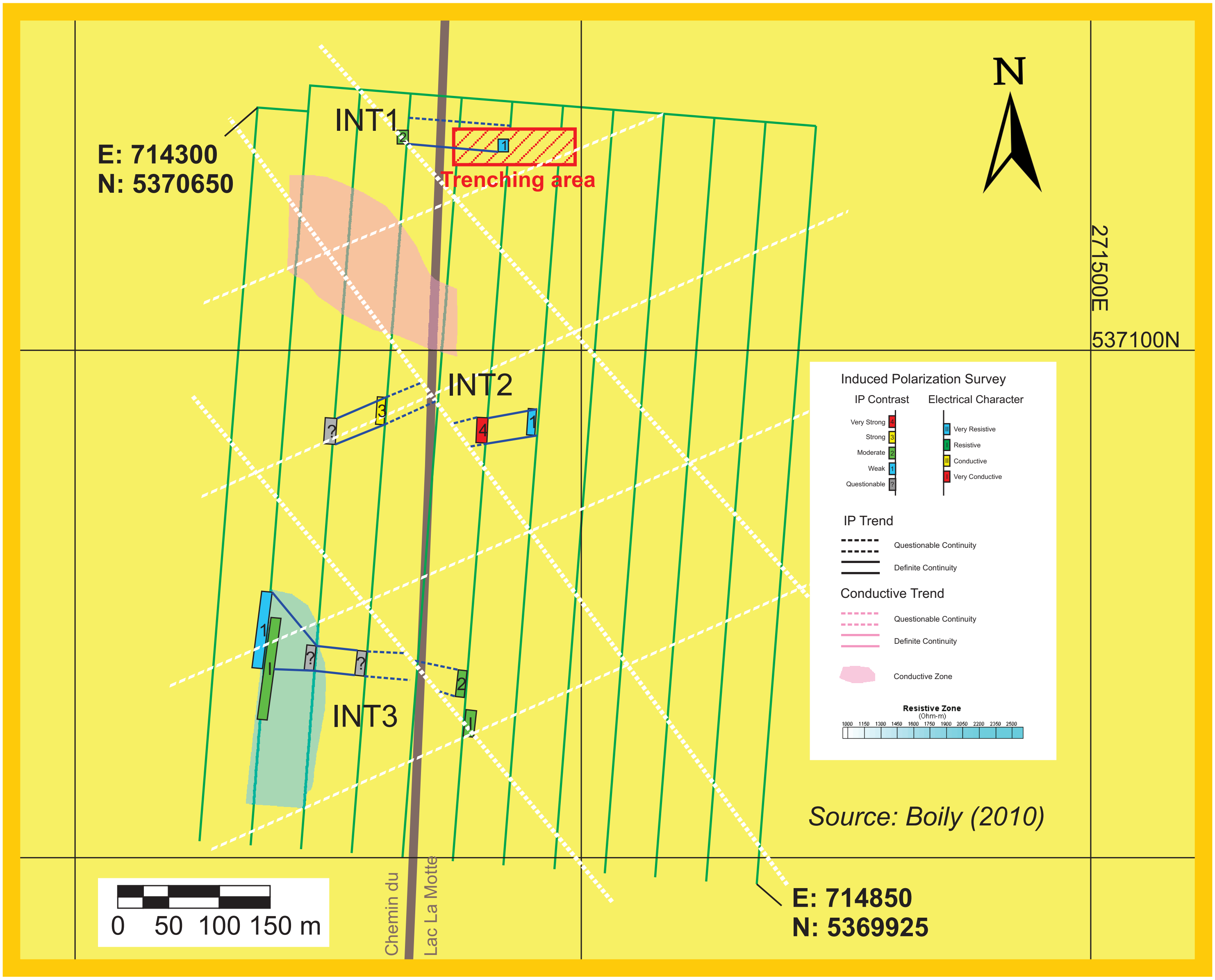

Figure 8. Interpretation of the ground-based IP and MAG surveys carried on the Bouvier property by Mineral Hill Industries in 2009. The IP results identified three major EW to NE-SW-oriented structures that probably reflect masses or dykes of granitic pegmatite lying at a minimum depth of 40 m. Note that the anomaly INT1 is spatially associated with the area of trenches that unearthed a spodumene-rich granitic pegmatite. UTM Coord.;NAD83; Zone 17N; E=Easting; N=Northing.

by six trenches yielded variable but generally elevated concentrations of Li_2O with an average value of 1.51±0.91 wt. % (n=20)

ITEM 7 GEOLOGICAL SETTING

7.1- The Abitibi Subprovince

The Abitibi Subprovince is located in the Superior Province of the Canadian Shield. The largest Archean greenstone belt in the world, it is bounded to the west by the Kapuskasing Structural Zone and to the east by the Grenville Front. In the southern part of the subprovince, the Larder Lake-Cadillac fault juxtaposes the Abitibi Belt against the metasedimentary Pontiac Suprovince. The Opatica Subprovince, consisting mainly of orthogneiss and plutonic rocks, lies to the north (Figures 9, 10).

Volcanic strata of the southern Abitibi Belt were deposited between 2747 and 2698 Ma (Mortensen, 1993) and soon after were intruded by tonalite-trondhjemite-granodiorite plutons (TTG suite). These rocks are unconformably overlain by alluvial-fluvial sedimentary rocks of the Temiskaming Group, deposited between 2680 and 2677 Ma (Corfu et al., 1991), and intruded by coeval syntectonic syenitic and monzonitic plutons. Post-tectonic muscovite-biotite monzogranites intruded the regionally metamorphosed strata (2643±4 Ma; Feng and Kerrich, 1991).

The Abitibi subprovince is composed of lozenge-shaped domains of weakly deformed, moderately to steeply dipping units separated by narrow (usually < 100 m) high-strained zones that have been extensively metasomatized (Hubert et al., 1984; Daigneault and Archambault, 1990). These faults can be subdivided into two distinct sets: (1) east-west trending faults, including the Cadillac-Larder Lake and Destor-Porcupine faults, that are spatially associated with gold mineralization and are characterized by steeply plunging stretching and mineral lineations (Robert, 1989) and, (2) northwest-southeast trending faults that commonly exhibit a shallow plunging lineation and kinematic indicators that suggest a dextral sense of movement

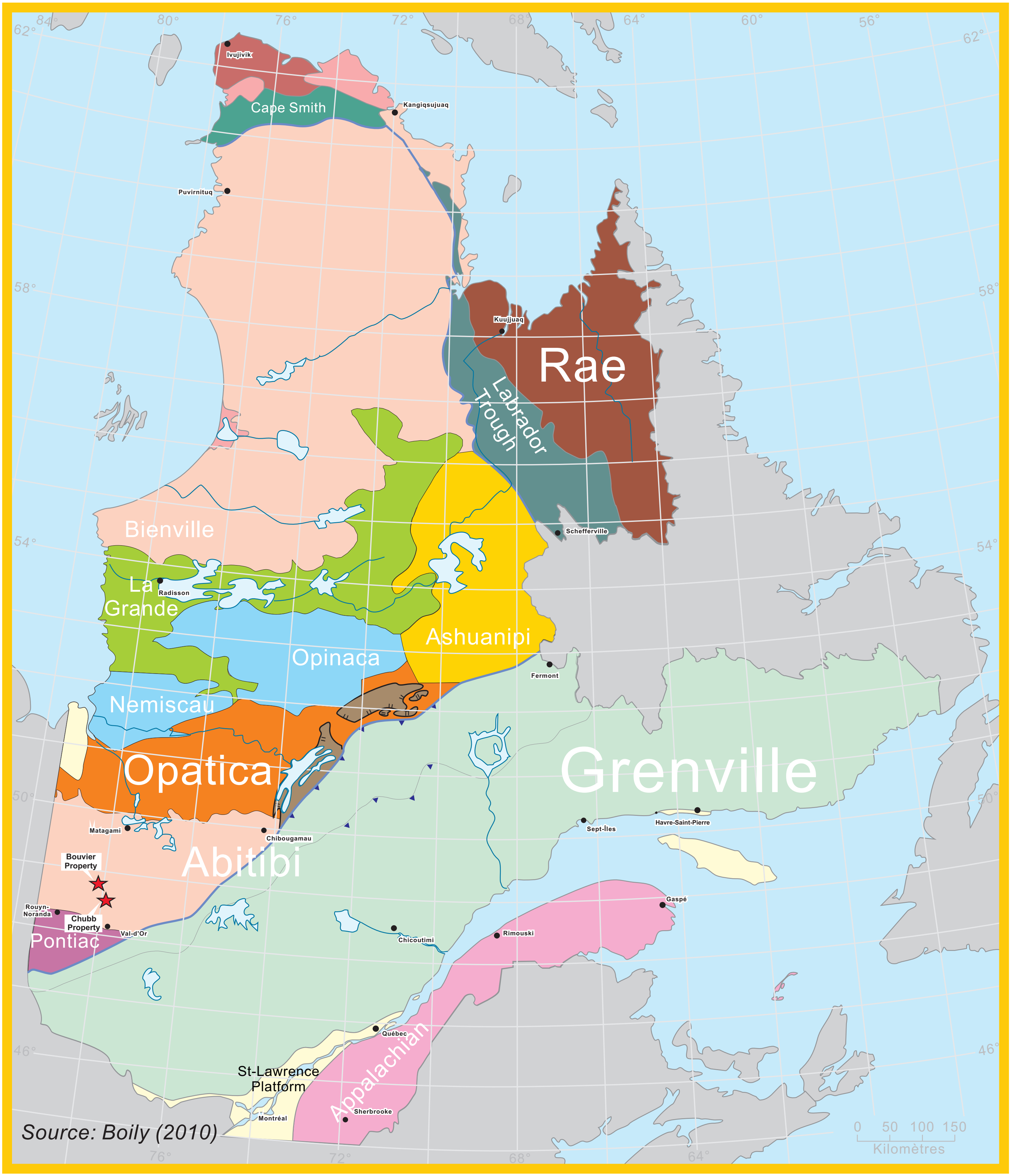

Figure 9. Geological map of the Quebec province illustrating the different geological provinces and subprovinces and the localization of the Chubb and Bouvier properties.

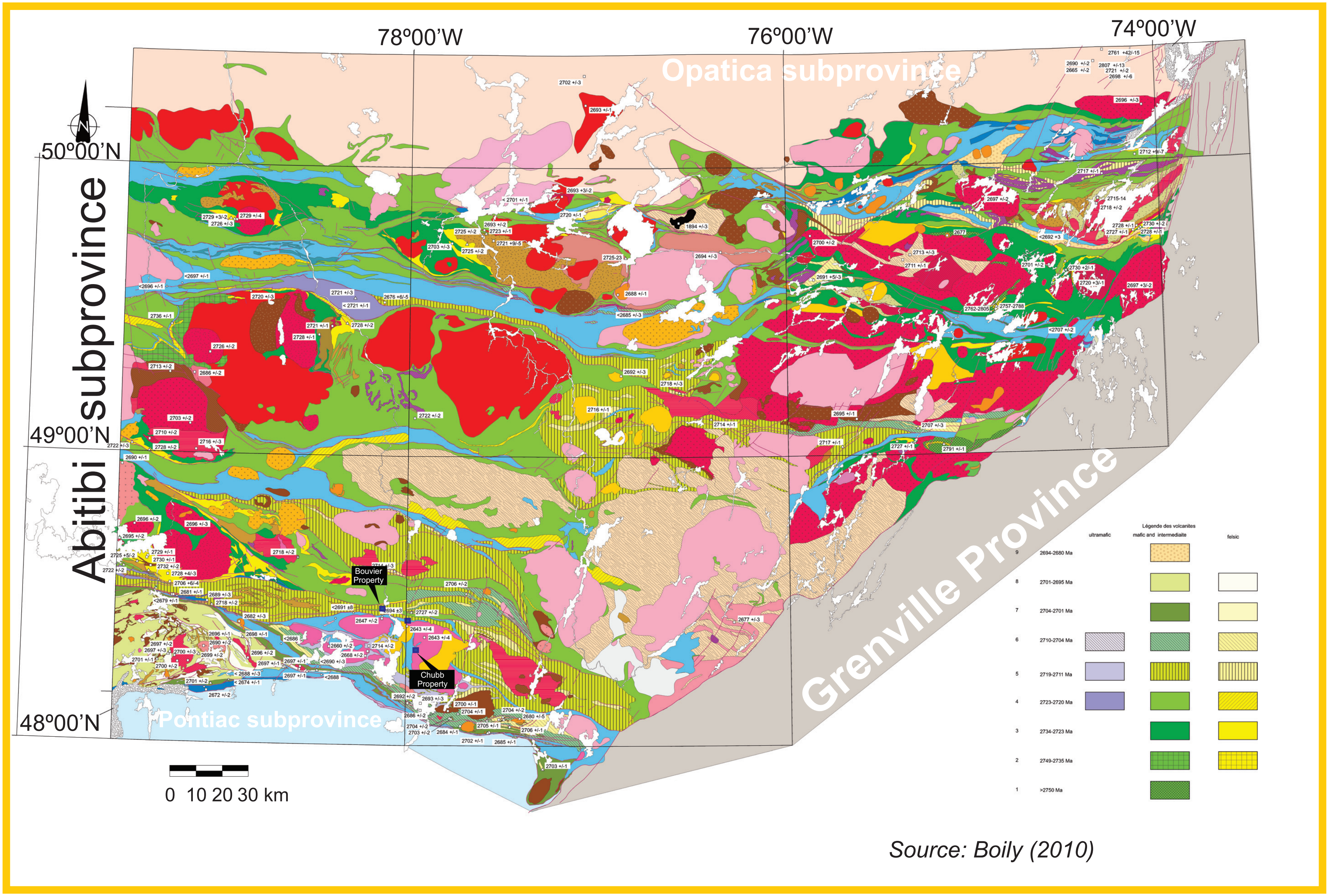

Figure 10. General geological map of the Abitibi subprovince showing the localization of the Chubb and Bouvier properties.

(Daigneault and Archambault, 1990).

7.2-The Val d'Or-Malartic Area

The Val d'Or-Malartic area is located in the southern part of the Abitibi subprovince. The geology consists of a succession of Archean volcanic and sedimentary assemblages. From south to north we observe the Pontiac, the Piché, the Cadillac, the Blake River, the Kewagama groups, the Malartic Composite Block and the Lac Caste Group. This volcanosedimentary assemblage is invaded by pre to post-tectonic dykes and plutons of tonalitic to monzogranitic composition. The volcanosedimentary rocks were metamorphosed to the greenschist facies. All Archean rocks are crosscut by NE-SW-trending Proterozoic diabase dykes. The volcanosedimentary assemblages underwent two major deformation phases. The first phase (D_1) produced EW to NW-SE-oriented folds (Dimroth et al., 1983). The second phase (D_2) is represented by EW-oriented schistosities and interpreted as the result of an N-S compression (Hubert, 1990). Following the stratigraphic classification and model of Imreh (1984), the Malartic Group is composed of komatiitic to tholeiitic basaltic lavas of the La Motte-Vassan and Dubuisson formations which are overlain by a calco-alcaline volcanic assemblages interpreted as central complexes associated with arc volcanism. Tholeiites/komatiites are the oldest volcanic rocks of the studied area (2714±2 Ma; Pilote et al., 1997). The lower part and flanks of the central complexes are made of komatiitic to basaltic lavas and breccias of the Jacola Formation. The latter is overlain by the calco-alcaline lava flows and volcaniclastic rocks of the Val d'Or Formation and the pillowed basaltic and andesite flows, rhyodacitic breccias and flows and epiclastic rocks of the Heva Formation. The latter contains the youngest volcanic rocks of the region (2705±1 Ma; Wong et al., 1991). Following the emplacement of the volcanic sequences, the wacke and pelitic sedimentary sequences now form the lac Caste Group (2691±1 Ma; Feng and Kerrich, 1991) were deposited.

The Harricana Group makes up the other major volcanic assemblage of the region (Imreh, 1984; Otis and Béland, 1986). The basal portion of the group is formed by the Lower Figuery Formation which contains basaltic to andesitic pillowed and brecciated flows and volcanic epiclastic rocks locally invaded by a thick differentiated mafic-ultramafic sill. The Upper Figuery Formation consists of andesitic flows, intermediate to felsic pyroclastic rocks and clastic and chemical sediments. This formation is overlain by the Landrienne Formation revealing a thick sequence of brecciated and pillowed basaltic flows with a top sequence of rhyolitic breccias.

Proposing a different tectonostratigraphic model, Desrochers et al. (1993) have subdivided the volcanic assemblages corresponding to the Malartic Group into seven lithostratigraphic domains designated under the Malartic Composite Block (MCB). The MCB comprises from north to south: the North, Vassan, Central, Montigny, Baie-Carpentier, South and the Val d'Or domains (Figure 11). These are delimited by important faults or deformation zones and are defined by their lithological, structural and geochemical characteristics. This interpretation alleges that the MCB is a collage of allochtonous lithotectonic assemblages. It also suggests the Val d'Or Domain (the Val d'Or Formation of Imreh, 1984) rests unconformably on a tectonic collage of already deformed mafic volcanic rocks. Desrochers et al.'s model indicates the South, de Montigny, Central, North and Vassan domains are constituted of mafic to ultramafic volcanic flows with a small proportion of intermediate volcanic rocks. The tholeiitic and komatiitic compositions of these lavas reflect a formation in an oceanic plateau environment. The Baie Carpentier Domain is dominated by intermediate volcaniclastic rocks with a small proportion of basalts and komatiites. Geochemical signatures of the volcanic rocks suggest an island arc tectonic environment. The Val d'Or Domain is composed of calco-alcaline intermediate to felsic volcaniclastic rocks suggesting an origin by anatexis of mafic to ultramafic basement rocks. Support for the Imreh stratigraphic model comes from U-Pb geochronology indicating the volcanism in the Val d'Or-Malartic region was continuous and that entire volcanic sequence from the base of the La Motte-Vassan Formation to the Val d'Or and Heva formations was deposited in a short span of 10 to 12 Ma (Pilote et al., 1998).

7.3-The Preissac-Lacorne Plutonic Complex (PLPC)

The Preissac-Lacorne Plutonic Complex is a syn- to late-tectonic composite intrusive complex emplaced between 2681-2647 Ma in greenschist to amphibolite-grade Archean volcanosedimentary rocks of the Malartic Group. Bourne and Danis (1987), Boily et al., (1989), Boily (1993) and Mulja et al., (1995) have divided the Preissac-Lacorne Batholith in two major

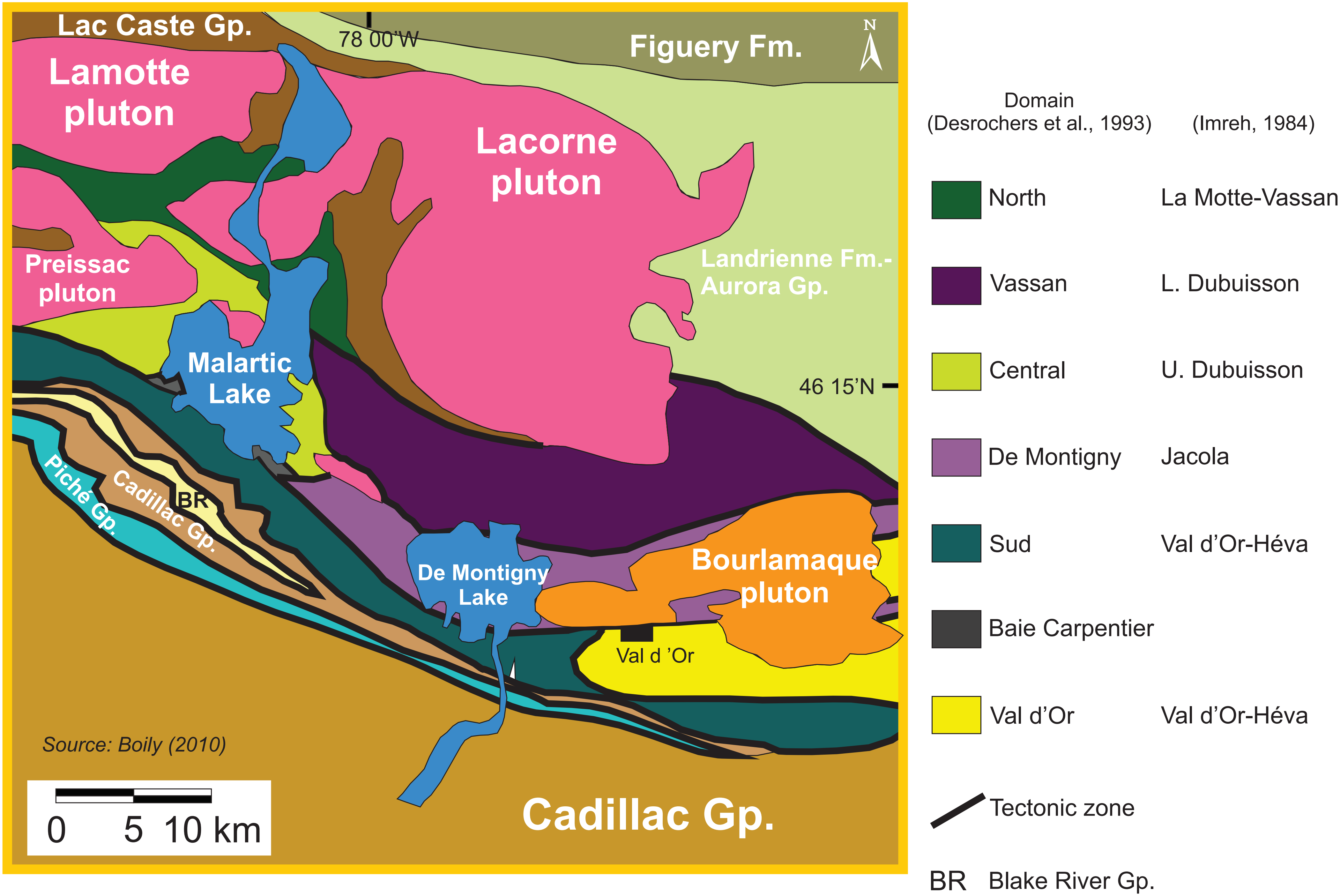

Figure 11. Tectonostratgraphy of the Val d 'Or-Malartic area according to Desrochers et al. (1993) and Imreh (1984).

magmatic suites: 1) an early foliated, metaluminous dioritic to granodioritic suite with numerous metasedimentary and metavolcanic xenoliths and 2), a late peraluminous monzogranitic moderately foliated to unfoliated, xenoliths-free suite genetically and spatially associated with an aureole of Li, Mo, Be and Ta-mineralized granitic pegmatites. The monzogranitic suite is represented by four plutons emplaced in distinct magmatic pulses: the Lacorne, Lamotte (2647±2 Ma), Preissac (2681-2660 Ma) and Moly Hill plutons (Ducharme et al., 1997).

7.3.1-The Peraluminous Monzogranitic Plutons

The peraluminous monzogranites are well exposed, homogeneous, and present a white color. They are fine to coarse-grained with allotriomorphic and seriated textures (Mulja et al., 1995). The monzogranites are crisscrossed by granitic pegmatite dykes filling fractures and joints. The proportion of pegmatite dykes vary from 5 % (Preissac pluton) to nearly 80 % (Lacorne pluton). They are constituted by quartz, plagioclase, microcline, perthite, biotite and muscovite. Garnet is the main accessory phase with subordinate amount of monazite, zircon, apatite and molybdenite. SEM analyses identified inclusions of accessory tantalite, xenotime (YPO_4), fergusonite ($YNbO_4$) and stibnite in quartz and feldspar or minerals intergrown with zircon and garnet (Mulja et al., 1995).

Only plagioclase (sericite) and biotite (chloritization) show signs of alteration. The monzogranites display three paragenitic facies: 1) biotite monzogranite; 2) biotite-muscovite monzogranite and, 3) muscovite-garnet monzogranite, the latter being associated with molybdenite mineralization at the Moly Hill and Preissac plutons. A crude facies zonation in which the biotite monzogranites occur at the center of the pluton and biotite-muscovite and rare muscovite garnet monzogranites located at the fringe of the plutons is apparent.

7.3.2-Granitic Pegmatites and Aplites

Ayres and Cerny (1982) and Cerny (1982) have shown the granitic pegmatites to be distributed in concentric envelopes (aureoles) around their parental monzogranite plutons, each containing a different facies defined by the mineral paragenesis of the pegmatites. In the

Preissac-Lacorne area, the granitic pegmatites located at the core and margins of the Lacorne and Lamotte plutons commonly contain beryl and tantalite, with those occurring inside the Preissac pluton being sterile. Spodumene-rich granitic pegmatites intrude almost exclusively the surrounding metavolcanic and metasedimentary rocks or the plutonic rocks of the early metaluminous magmatic suite.

7.4-Property Geology

7.4.1-The Chubb Property

The Chubb property sits in an area dominated by quartz monzodiorite and metasomatized quartz diorite (tonalite) with subordinate amount of quartz monzonite and granodiorite rocks. These constitute the early metaluminous plutonic suite of the Preissac-Lacorne Plutonic Complex (Dawson, 1966; Bourne and Danis, 1987) (Figure 1). The plutonic rocks contain various proportions of hornblende and biotite with plagioclase, microcline and quartz forming the major constituents. The plutonic rocks are fine to medium grained and are strongly foliated. The early metaluminous rocks are characterized by their numerous cm- to meter-sized biotitized metasedimentary and chloritized/amphibolitized metavolcanic enclaves. The metaluminous plutonic rocks intrude, to the east of the property, the metasedimentary rocks of the Lac Caste Formation which consists of metagreywacke, biotite schist and mudrock. A 2 km SW/NE-oriented sliver of tholeiitic meta-basaltic and meta-andesitic volcanic rocks metamorphosed to the upper greenschist-lower amphibolite facies extends to the south of Lake Baillargé (Figure 1).

Spodumene-rich granitic pegmatite dykes intrude fractures and small faults within the metaluminous plutonic rocks. The pegmatite dykes are 1 to 6 m thick, oriented 345°-350°; and vary in length from 25 to 250 m. They are crudely zoned, some having quartz cores and border zones of aplite. The granitic pegmatites are composed of quartz, albite and/or cleavelandite, K-feldspar, muscovite, with 5 to 25% spodumene. Accessory minerals are beryl, tantalite, garnet, bismuthine and molybdenite.

7.4.2- The Bouvier Property

The Bouvier property covers a region showing several exposures of monzogranitic plutonic rocks that belong to the late peraluminous suite of the Preissac-Lacorne Batholith (Figure 2). According to Boily (1993), the granitic rocks are part of the Lacorne pluton which consists of biotite monzogranite and muscovite-biotite±garnet monzogranite showing a moderate foliation especially at the edges of the pluton. The peraluminous monzogranites are homogeneous and present a white color. They are fine to coarse-grained with allotriomorphic and seriated textures (Mulja et al., 1995). They are constituted of quartz, plagioclase, microcline, perthite, biotite and muscovite. Garnet is the main accessory phase with subordinate amounts of monazite, zircon, apatite and molybdenite. The monzogranites are invaded by granitic pegmatite and aplite dykes and pods that constitute nearly 20% of the rock especially within a 500 m zone at the periphery of the pluton. Many granitic pegmatites contain beryl and tantalite, but very few have spodumene. In the central part of the property, the monzogranite rocks are intrusive in the metagreywacke (biotite schist) of the Lac Caste Formation (Figure 2). To the north, the metasediments are in structural contact with the metavolcanic rocks of the Kinojevis Group. The lower stratigraphic level is represented by the Landrienne Formation which consists of massive and pillowed basaltic flows with minor basaltic tuffs. The Deguisier Fm. overlies the Lanaudière Fm. and is composed of andesite flows, intermediate to felsic volcanoclastic rock and gabbroic sill. The Lanaudière Formation rests conformably over the latter and contains magnesian basalt, basalt and mafic volcanoclastic rock at its base followed by overlying by komatiitic and basaltic flows with intercalations of mafic-ultramafic sill. The formation is capped by a sequence of sedimentary rocks built-up by siltstone, graphitic mudstone, polygenic conglomerate, sandstone and chert.

The Manneville fault marks the contact between the metasedimentary and metavolcanic formations. The Manneville Fault or Manneville Deformation Zone is a regional structure rarely exposed in basaltic lava outcrops along the north side of Preissac-Lacorne Batholith (Dawson, 1966). The Manneville Fault strikes N80º W and is believed to be a dip-slip fault showing some evidence of strike-slip displacement in the Lac Caste biotite schists. Spodumene-bearing granitic pegmatite dykes occur only to the south of the Mannevile Fault and were emplaced in the metasediments of the Lac Caste Formation. The dykes are oriented parallel to the Manneville Fault and can reach 100 m in length and 10 m in apparent thickness, one pegmatite dyke was seen to be dipping 45°S (Latulippe, 1961). Most granitic pegmatites are zoned, some having quartz cores and border zones of aplite. The granitic pegmatites are composed of quartz, albite and/or cleavelandite, K-feldspar, muscovite, with 5 to 25% spodumene. Accessory minerals are beryl, tantalite, garnet, bismuthine and molybdenite.

7.5- Mineralization

Mineralization at the Chubb and Bouvier properties occurs in poorly zoned granitic pegmatite dykes in the form of spodumene (LiAl (Si_2O_6)), a pyroxene. This buff white to green mineral (1 to 10 cm) usually forms elongated laths commonly oriented perpendicular to the wallrock/pegmatite contact. Spodumene constitutes between 5 to 25% of the mineralized granitic pegmatite dykes (Figures 12, 13). This mineral can form distinct zones in a pegmatite accompanied by all or some of the following minerals: albite (cleavelandite), quartz, K-feldspar and muscovite. Garnet, tantalite, beryl and molybdenite are accessory minerals but can reach 1-5% in some pegmatite dykes.

At the Chubb site, the spodumene-bearing granitic pegmatite dykes invade fractures and small faults within the metaluminous quartz monzodiorite to granodiorite rocks of the Preissac Lacorne Plutonic Complex. There are three important granitic pegmatite dykes containing spodumene mineralization (Dyke #1, 2 and Main Dyke; Figure 5). The dykes are 1 to 6 m thick, oriented 345°-350°; and vary in length from 25 to 250 m. The Bouvier property exposes spodumene-bearing pegmatite dykes intrusive into the metasediments of the Lac Caste Formation and oriented parallel to the strike of the Manneville Deformation Zone (N80°E-N90°E). A spodumene-bearing dyke was unearthed by six trenches. It is estimated that the dyke is 120 m long and at least 5 m wide (Boily, 2010).

ITEM 8 DEPOSIT TYPE

Figure 12a. Typical assemblage of spodumene-quartz-feldspar-muscovite observed in a granitic pegmatite exposed on the Chubb property.
UTM Coord.: Easting: 280477; Northing: 5354638; NAD83; Zone 18N.

Figure 12b. Previous channel sample collected by Mineral Hill Industries geologists in 2009 from the Chubb property. The site corresponds to the location of sample CH18. Whitish laths of spodumene in the granitic pegmatite Dyke no 1 can be observed.UTM Coord.: Easting: 280609; Northing:5354737; NAD83; Zone 18N.

Figure 13a. White laths of spodumene with feldspar, quartz and muscovite.
Bouvier showing. UTM Coord.: Easting: 714525; Northing:5370634; NAD83; Zone 17N.

Figure 13b. Channel sample in a spodumene-bearing granitic pegmatite taken in 2009 by the geologists of Mineral Hill Industries. See the greenish laths of spodumene and pinkish garnet corresponding to sample 24752. Bouvier property. UTM Coord.: Easting: 714523; Northing: 5370634; NAD83; Zone 17N.

Fertile peraluminous granites generating rare elements-rich granitic pegmatites have been investigated by Cerny (1981, 1982) and Cerny and Meintzer (1988). These authors identify two principal Archean geological environments susceptible to contain economic rare element mineralization: tectonized metasedimentary basins and volcanoplutonic belts. In these environments, the mineralization occurs exclusively in granitic pegmatites surrounding fertile monzogranitic rocks. The granitic pegmatites are generally emplaced in upper greenschist to lower amphibolite metamorphosed sedimentary and volcanic rocks. In the Superior Province, the monzogranites and granitic pegmatites are found: 1) within EW-oriented metavolcanic belts commonly enclosed by gneissic granitoid massifs (tonalites to potassic granites) and 2), inside highly metamorphosed paragneissic and orthogneissic belts.

Archean parental monzogranites to the granitic pegmatites are late to post-tectonic intrusive rocks, weakly to moderately deformed. In greenstone belts the monzogranites are emplaced along large deformation zones that limit crustal blocks. Fertile monzogranites rarely contain hornblende (Trueman and Cerny, 1982), but do exhibit biotite, muscovite and garnet which accompany quartz, albite and microcline as essential mineral phases. Accessory minerals are tourmaline, tantalite, beryl, molybdenite, cassiterite, cordierite and andalousite.

Chemically, the fertile granites are highly siliceous (72-76 wt. % SiO_2) and peraluminous (Al_2O_3/ (Na_2O+K_2O+CaO)) (molar) > 1. They display low concentrations in TiO_2, Fe_2O_{3T}, MgO, CaO, Sr, Ba, Zr and Hf and high Al_2O_3, Na_2O, K_2O, Rb, Nb, U and Ta values. They possess variable Li, Be, Cs and Th contents although these are higher relative to the Archean TTG (Tonalite-Trondhjemite-Granodiorite) suite (Goad and Cerny, 1981; Cerny and Meintzer, 1988). Following Cerny's (1982) classification, granitic pegmatites form eight genetic types with distinct mineralogical and geochemical compositions: 1) sterile biotite-magnetite granitic pegmatite, 2) sterile pegmatite with plagioclase, microcline (locally graphic), biotite and tourmaline, 3) microcline pegmatite, commonly graphic, 4) zoned microcline-albite pegmatite containing muscovite, beryl and tourmaline, 5) zoned albite-microcline pegmatite, commonly metasomatized, and enriched/mineralized in Li, Rb, Cs, Be, Ta and rich in B, P and F, 6) albite pegmatite mineralized in Li, Be, Sn and Ta, 7) homogeneous albite-spodumene pegmatite with secondary mineralization in Be, Ta, Sn and Mo and, 8) quartz veins with some feldspar and frequent beryl, cassiterite and wolframite occurrences. A simpler classification elaborated by Černy (1991b) proposed four major class of granitic pegmatites: 1) abyssal, 2) muscovite,) rare element and 4), miarolitic. The Preissac-Lacorne pegmatites are classified as rare element pegmatites (i.e. Li, Be, Ta, Cs) and exhibit mineralogical and geochemical characteristics associated with types 4, 5, 6 and 7 of Cerny's (1982) classification.

The following genetic model related to the formation of rare-metal granitic pegmatites will serve as a basis for an exploration program for Great Thunder Gold. The genesis of rare metal-rich, particularly Li, Be, Ta-rich granitic pegmatites starts with the formation of unfractionated monzogranitic magmas through anatexis of H_2O, F and Cl-rich metasedimentary or quarztofeldspathic crust (Cerny, 1991a; Boily, 1993). Source enrichment in alkalis and rare elements may arise from metasomatism by aqueous fluids in a subduction or accretion prism setting. Crustal anatexis generates peraluminous granitic magmas that percolate upward to reside in an upper-crustal magma chamber. Fractional crystallization on the roof and walls of the magma chamber possibly concomitant with the formation and upward migration of rare elements chloro-complexes lead to the formation of differentiated apical zone enriched in volatile and rare elements (Boily, 1993). Expulsion and injection of H_2O saturated monzogranite magmas in fractures within the granitic cupola and in the surrounding country rocks create Li and other rare element granitic pegmatite dykes that may differentiate further into layers or zones distinguished by their mineral paragenesis and rare element enrichments. Granitic pegmatite dykes and bodies are intruded along fractures in their parent monzogranites or within the early metaluminous plutonic suite. In the metavolcanic and metasedimentary wall rocks, late to post-orogenic granitic pegmatites are emplaced in fractures, schistosities and shear zones. In the Preissac-Lacorne area, the granitic pegmatites located in the core and margins of the Lacorne and Lamotte plutons commonly contain beryl and tantalite, with those occurring inside the Preissac pluton being sterile. Spodumene-rich granitic pegmatites intrude exclusively the surrounding metavolcanic and metasedimentary rocks or the plutonic rocks of the early metaluminous magmatic suite (Figure 14).

The main conceptual guide for exploring granitic pegmatite was conceived by Cerny (1991a, b). It stipulates that the further the site of intrusion is from their peraluminous monzogranitic

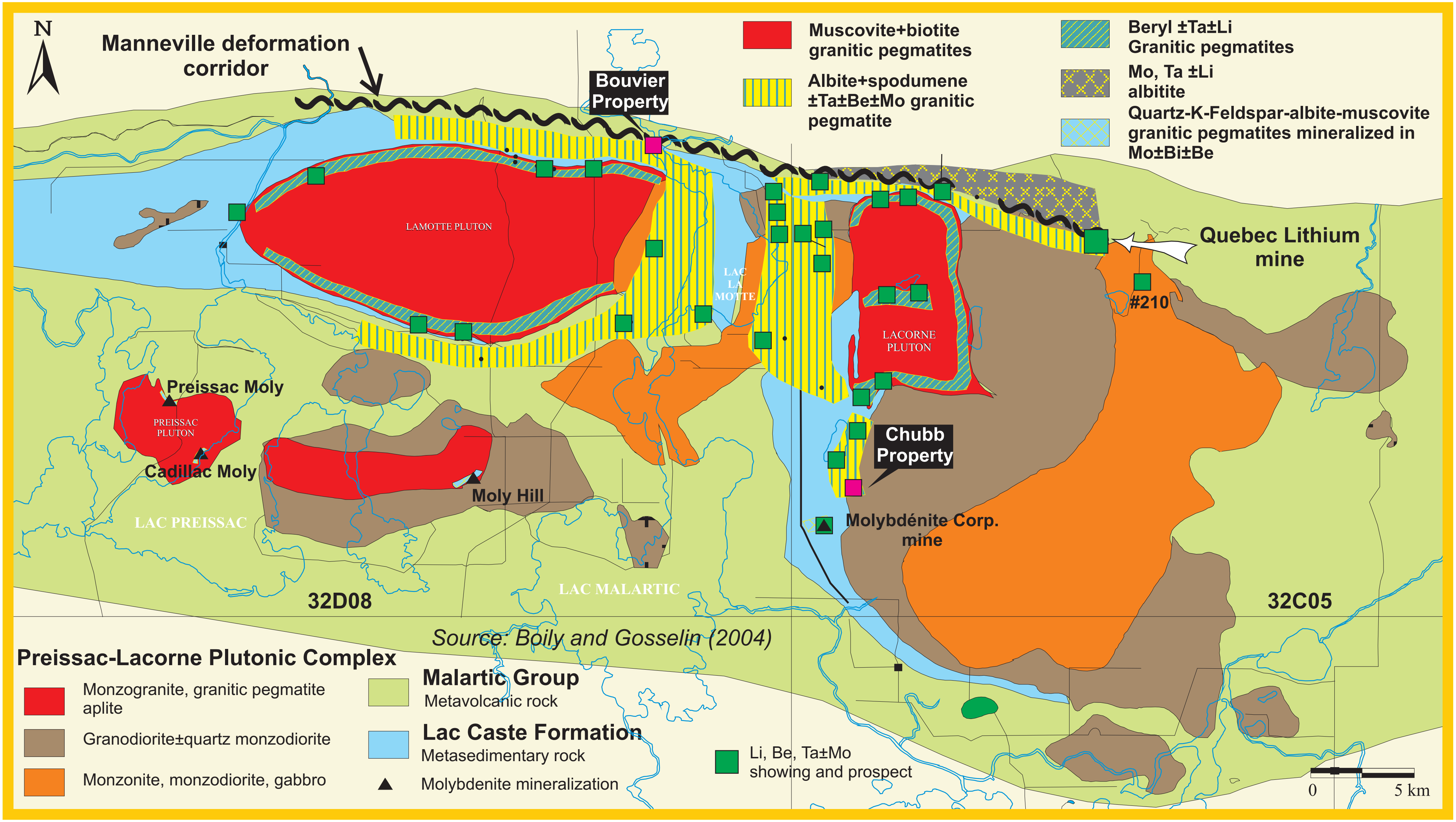

Figure 14. Chemical and mineralogical zonation of the granitic pegmatites exposed in the Presissac-Lacorne Plutonic complex.

parent, the more LILE and rare-metal elements-enriched they become (i.e. Li, Cs, Be, Ta,). As a corollary guide specific to the Preissac-Lacorne Plutonic Complex, rare-metal-enriched granitic pegmatites are enclosed in a 1 to 2 km aureole surrounding their monzogranite parents within the metavolcanic and metasedimentary assemblages or the early metaluminous plutonic suite. These two concepts were applied in choosing the two properties optioned by Great Thunder Gold Corp. The properties are located in the metavolcanic or metasedimentary wall rocks (Bouvier property) or intrude the early metaluminous quartz monzodiorites to granodiorites (Chubb property) at a distance of less than 2 km from their parent monzogranites. Furthermore, granitic pegmatite dykes generally occurs in swarms, so that exposed bodies may hint at nearby buried pegmatites. Resistivity/IP geophysical ground-based surveys have been used to detect such hidden mineralized pegmatites. The granitic pegmatites being enriched in quartz and feldspar are more resistive and less conductive than the surrounding wall rocks and may be associated with anomalous signatures.

ITEM 9 EXPLORATION

The is no current exploration related to this document

ITEM 10 DRILLING

No drilling was performed during the course of this study.

ITEM 11 SAMPLE PREPARATION, ANALYSES AND SECURITY

Channel samples collected in 2009 by Mineral Hill Industries from the Bouvier and Chubb properties were analyzed at the SGS Canada Inc. Mineral Services and Geochemistry Laboratory in Toronto, On, Canada. The Certificate of Analyses is still in the possession of the author and was thoroughly verified at the time (see Appendix 2). Note nearly all samples collected from the Chubb and Bouvier properties are channel samples. Granitic pegmatites are characterized by their heterogeneous composition and very coarse grains. Therefore, Mineral Hill Industries performed

1 m-long channels cut perpendicular and along strike the granitic pegmatite dyke to obtain a just representation of the rock composition. The author visited all the channel sampling sites during its last visit.

ITEM 12 DATA VERIFICATION

In 2009 the author supervised Luc Lepage (geo) who directed the technical crew during the channel rock sampling at the Chubb and Bouvier properties. At the time, the author verified the location, handling and bagging of the samples. The author also checked the results of the geochemical analyses provided by SGS Canada Inc. and was satisfied by their precision and accuracy. The author was familiar with the quality control measures and data verification procedures (including the use of reference materials, duplicates and blanks) employed at the SGS Canada Inc. Mineral Services and Geochemistry Laboratory. The author was of the opinion that SGS Canada Inc. Mineral Services and Geochemistry Laboratory followed adequate procedures during the sample preparation, that the security of the samples was unquestionable throughout the manipulation and that the analytical procedures and the analytical methods used are conform to the standard practices of the industry. The author was of the opinion that all assay values presented in this report were fully compliant with the NI-43-101 norm. They were also a just representation of the mineralization currently present at the Bouvier and Chubb sites.

ITEM 13 MINERAL PROCESSING AND METALLURGICAL TESTING

There was no mineral processing or metallurgical testing during the course of this study.

ITEM 14 MINERAL RESOURCES ESTIMATE

There was no mineral resource estimate performed during the course of this study.

ITEM 23 ADJACENT PROPERTY

There are no adjacent properties.

ITEM 24 OTHER RELEVANT DATA AND INFORMATION

There is no other relevant data and information.

ITEM 25 INTERPRETATIONS AND CONCLUSIONS

Having thoroughly evaluated the Chubb and Bouvier properties for their Li potential, the author is convinced that they warrant more exploration work in the coming years. The Bouvier property presents the best outlook for it is located in an EW-oriented corridor limited to the north by the Manneville Fault and to the south by monzogranitic plutonic rocks of the Preissac-Lacorne Plutonic Complex which constitute the parent rocks of the spodumene-mineralized granitic pegmatites. Historical assay values provided from channel and grab samples at the Bouvier site indicate high Li_2O (wt. %) concentrations for the exposed dykes. Furthermore, past Resistivity/IP ground-based geophysical survey revealed two anomalous zones which strike parallel to the Manneville Fault and could represent the signature of buried granitic pegmatite dykes. The Chubb property also revealed elevated Li_2O (wt. %) content for the Main Dyke over a length of 200 m. Previous Resistivity/IP survey has confirmed the anomalous signatures attributed the presence of the granitic pegmatite dykes within the quartz monzodiorite to granodioritic wall rocks. Both the Bouvier and Chubb properties justify a drilling campaign.

The Chubb Property mineralization is located in Lot 11, Range II, La Corne Township. The Property is located 2 km due south of Baillargé lake approximately 32 km north form the town of Val d'Or and 6.5 km south of the village of La Corne. Previous ground-based magnetic and IP surveys were carried out by Mineral Hill Industries in 2010. The IP results lead to the identification of six chargeability anomalies oriented NNW. Three N-NW-oriented spodumene-bearing dykes (Dykes #1 and #2, Main Dyke) display variable but generally elevated Li_2O concentrations (0.01-2.84 wt. %; Av: 0.89±0.77 wt. % (n=59)) (Boily, 2010) that were validated by the author.

The Bouvier property is located in the Saint-Mathieu municipality, Figuery Township, and extends westward form the west bank of the Harricana River, 3 km SE of the village of St-

Mathieu d'Harricana. The principal Bouvier EW-oriented spodumene-bearing granitic pegmatite was exposed in 2009 by NS-oriented trenches Recent ground-based magnetic and IP surveys were carried out, the latter defining NE to EW-oriented chargeability anomalies and displaying a broad orientation parallel to that of the Manneville fault (Boily, 2010). Historical assay values from the main EW-oriented spodumene-bearing dyke of the Bouvier property were validated by the author and present variable but generally elevated Li_2O concentrations (0.04-2.91 wt. %; Av: 1.51±0.91 wt. % (n=20)).

ITEM 26 RECOMMENDATIONS

26.1-Bouvier Property

The author recommends a drilling campaign to: a) confirm and expand the previous results obtained during the campaigns conducted in the 1950's and to target the news sites unearthed by the 2010 IP geophysical survey (Figure 15). Six holes, each separated by 100 m, are proposed to investigate target INT1 which correlates with the old Cyr discovery. The DDH will have plunges of 45°, azimuths of 360° and depths of 150 m (see Table 4 below). Targets INT2 and INT3 are new promising zones where we suspect granitic pegmatites may be hidden at less than 40 m depth. The DDH are allocated to target INT2, with 45°plunges and 340-360° azimuths (see Table 4 below). Target INT3 will be subjected to three drill holes, each separated by 50 m, with 45° plunges and 360° azimuths (see Table 4 below).

DDH #	Easting*	Northing	Azimuth (°)	Plunge (°)	Depth (m)
BOU1-16-1	714717	5370602	360	45	150
BOU1-16-2	714617	5370602	360	45	150
BOU1-16-3	714517	5370602	360	45	150
BOU1-16-4	714417	5370602	360	45	150
BOU1-16-5	714317	5370602	360	45	150
BOU1-16-6	714217	5370602	360	45	150
BOU2-16-1	714375	5370303	340	45	150
BOU2-16-2	714506	5370286	360	45	150
BOU3-16-1	714270	5370019	360	45	150
BOU3-16-2	714358	5370041	360	45	150
BOU3-16-3	714467	5370054	360	45	150

*NAD83; Zone 17N

Table 4. Proposed DDH, 2016-2017 drilling campaign, Bouvier property.

26.2-Chubb Property

The signatures and orientations of the MAG and IP ground-based surveys completed in 2010 (Boily, 2010) closely correspond to that of exposed spodumene-bearing granitic pegmatite dykes cropping out on the property. These dykes were previously, but haphazardly investigated by several drilling campaigns initiated throughout the 1950's until the early 1990's. It is imperative that a more systematic drilling campaign be conducted to: a) verify if the encouraging Li assays from collected from surface dyke samples are projected at depth and, b) identify the shape and extent of the spodumene-bearing dykes.

We envisage devoting a total of 12 DDH to the Chubb property, with provisions of more holes if the results obtained during this campaign are satisfactory (Figure 16). The localization of the collars will be set to drill the principal zone of dyke outcropping which corresponds to IP anomalies CH2, 4 and 5 (Figure 16). Additional two drill holes will explore anomaly CH1 where little outcropping is present. The DDH will have azimuths varying from 247° to 290°, with 45° plunges and 150 m depths (see Table 5 below). The author also recommends that the property lying outside the established grid be roamed by prospectors to identify granitic pegmatite

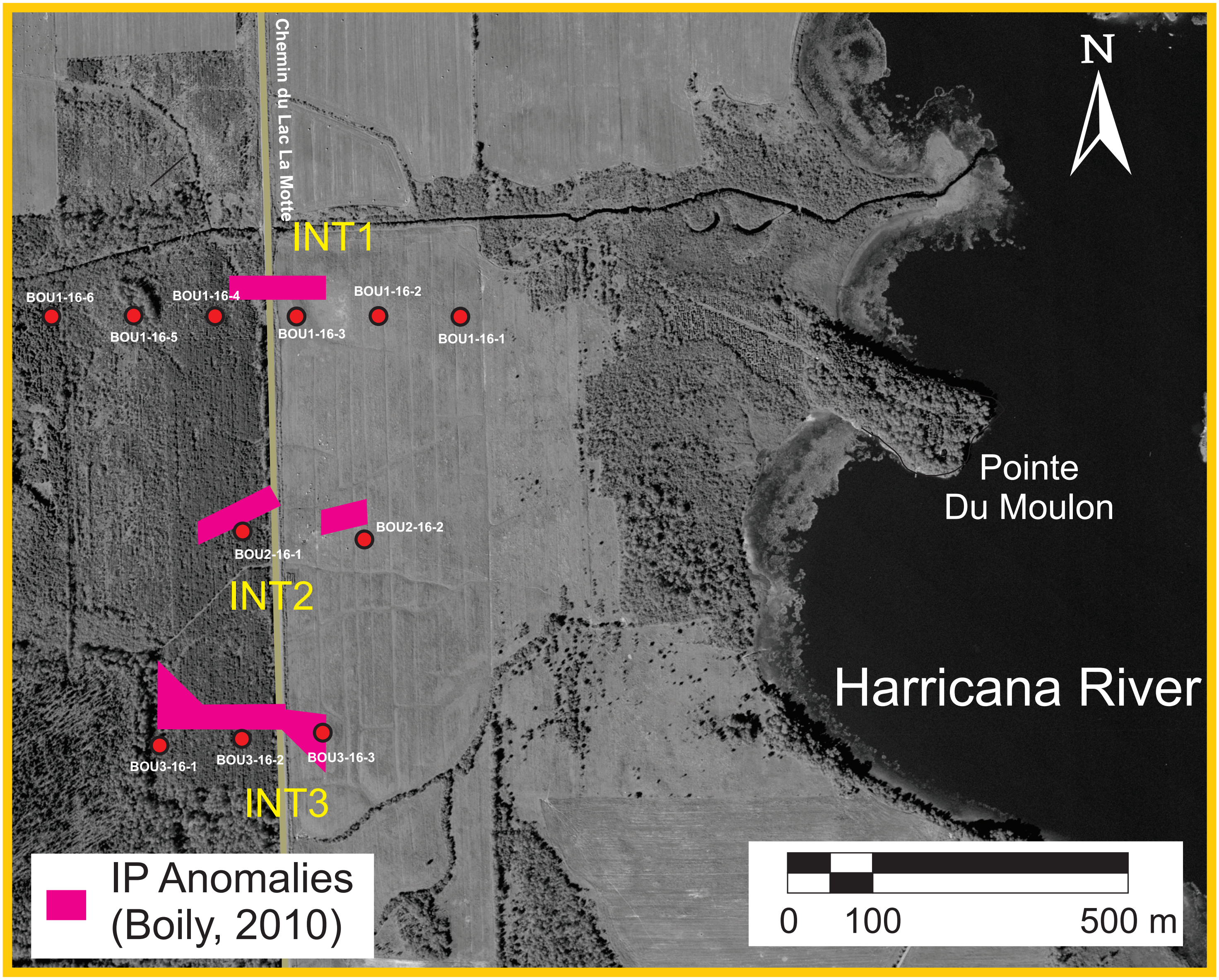

Figure 15. Proposed location of drillhole collars for the 2016-2017 Bouvier campaign. UTM Coord.; NAD83; Zone 17N; E=Easting; N=Northing.

outcrops. The investigation should be followed by small scale mapping and sampling of targeted areas by a geologist. The results of this mapping campaign will be evaluated and, if needed, new grids established to carried out IP ground-based surveys.

DDH #	Easting*	Northing	Azimuth (°)	Plunge (°)	Depth (m)
CH-2016-01	280601	5354884	247	45	150
CH-2016-02	280620	5354838	247	45	150
CH-2016-03	280640	5354792	247	45	150
CH-2016-04	280659	5354745	247	45	150
CH-2016-05	280678	5354700	247	45	150
CH-2016-06	280512	5354705	290	45	150
CH-2016-07	280512	5354655	290	45	150
CH-2016-08	280512	5354605	290	45	150
CH-2016-09	280738	5354801	247	45	150
CH-2016-10	280756	5354755	247	45	150
CH-2016-11	280459	5354801	222	45	150
CH-2016-12	280496	5354768	222	45	150

*NAD83, Zone 18N

Table 5. Proposed DDH, 2016-2017 drilling campaign, Chubb property.

This constitutes phase one of GTG exploration campaign. The expenses are allocated as follows: $414,225 for the Chubb property and $430,959 for the Bouvier property.

In the eventuality of successful drilling results, the author recommends more comprehensive and detailed drilling campaigns on both properties, totaling 6,000 m of core. Phase II of GTG exploration program would cost of $1,328,906.

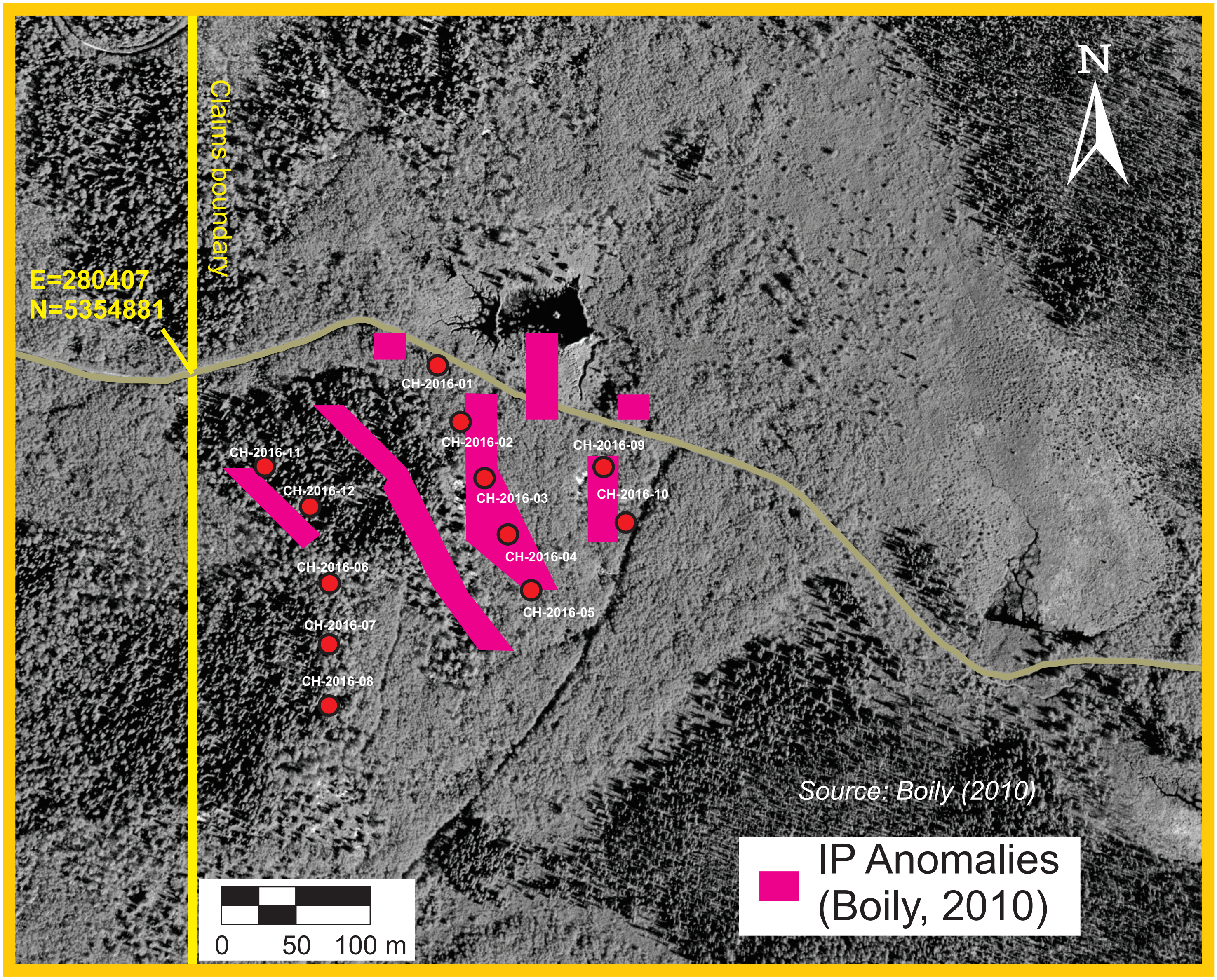

Figure 16. Proposed location of drillhole collars for the 2016-2017 Chubb campaign. UTM Coord.; NAD83; Zone 18N; E=Easting; N=Northing.

26.3-Budget Breakdown

BOUVIER PROPERTY (PHASE I)	
DRILLING	
1650 m (NQ) X $80/m	$132,000
Mobilisation-demobilisation	$8,000
Drill moving, water set-up	$10,000
Permits	$2,000
Core racks	$5,000
Core shack (12'x 16')	$3,500
Analyses: 1450 samples X $35/sample	$50,750
Supervision: 1 geologist :$550/day X 30 days	$16,500
2 technicians: $275/day X 30 days	$16,500
Core splitter, survey instrument, sample bags, etc..	$5,000
Administration/supervision	$10,000
GEOLOGICAL MAPPING/SAMPLING	
1 geologist :$550/day X 8 days	$4,400
1 technician: $275/day X 8 days	$4,400
2 prospector: $225/day X 5 days	$2,250
Analyses: 50 samples X $35/sample	$1,750
Equipment: saw, blade, oil etc..	$3,000
GOLOGICAL REPORTS	$25,000
LODGING AND MEALS	$20,300
EQUIPMENT	
Truck location, ATV	$8,000
Maps, stationary, etc..	$3 000
Subtotal	$328,350
Contingency (10%)	$32,835
Total before taxes	$361,185
GST (5%)	$18,059
TVQ (7.5%)	$51,715
Grand Total	$430,959

26.3-Budget Breakdown (Ctnd.)

CHUBB PROPERTY (PHASE I)	
DRILLING	
1800 m (NQ) X $80m	$144,000
Mobilisation-demobilisation	$10 000
Drill moving, water set-up	$11,250
Permits	$2,000
Core racks	$5 000
Core shack (12'x 16')	$3 000
Analyses: 1200 samples X $35/sample	$48,000
Supervision: 1 geologist :$550/day X 30 days	$16,500
2 technicians: $275/day X 30 days	$16,500
Core splitter, survey instrument, sample bags, etc..	$9,000
Shipping	$5,000
Administration/supervision	$15,000
GEOLOGICAL MAPPING/SAMPLING	
1 geologist :$550/day X 8 days	$4,400
1 technician: $275/day X 8 days	$4,400
2 prospector: $225/day X 5 days	$2,250
Analyses: 50 samples X $35/sample	$1,750
Equipment: saw, blade, oil etc..	$3,000
GOLOGICAL REPORTS	$25 000
LODGING AND MEALS	$22,050
EQUIPMENT	
Truck location, ATV	$10,500
Maps, stationary, etc..	$3 000
Subtotal	$315,600
Contingency (10%)	$31,560
Total before taxes	$347,160
GST (5%)	$17,358
TVQ (7.5%)	$49,707
Grand Total	$414,225

26.3-Budget Breakdown (Ctnd.)

CHUBB-BOUVIER PROPERTY (PHASE II)	
DRILLING	
6000 m (NQ) X $80/m	$480,000
Mobilisation-demobilisation	$20,000
Drill moving, water set-up	$15,000
Permits	$2,000
Core racks	$5,000
Core shack (12'x 16')	$3,500
Analyses: 5200 samples X $35/sample	$182,000
Supervision: 1 geologist :$550/day X 120 days	$66,000
2 technicians: $275/day X 120 days	$66,000
Core splitter, survey instrument, sample bags, etc..	$10,000
Administration/supervision	$20,000
GOLOGICAL REPORTS	$25,000
LODGING AND MEALS	$80,000
EQUIPMENT	
Truck location, ATV	$32,000
Maps, stationary, etc..	$6,000
Subtotal	$1,012,500
Contingency (10%)	$101,250
Total before taxes	$1,113,750
GST (5%)	$55,688
TVQ (7.5%)	$159,469
Grand Total	$1,328,906

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Appendix 1

Appendix 1. List of the CDC claims, Bouvier property.

Claim no	Area (ha)	Inscription date	Company
CDC2446574	57.13	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2446575	57.13	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2446573	46.46	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2446570	47.87	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2446567	57.16	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2446568	57.16	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2446569	44.59	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2446571	11.20	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2446572	11.47	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2446564	51.76	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2446565	41.91	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2446566	37.01	2016/06/02	Entreprises Minières Globex Inc. (100%)
CDC2351194	42.80	2012/06/13	Entreprises Minières Globex Inc. (100%)
CDC2351195	42.75	2012/06/13	Entreprises Minières Globex Inc. (100%)
CDC2086596	42.70	2007/05/26	Entreprises Minières Globex Inc. (100%)
CDC2086597	42.65	2007/05/26	Entreprises Minières Globex Inc. (100%)

Appendix 1. List of CDC claims, Chubb property.

Claim no.	Area (ha)	Inscription date	Company
CDC2445690	57.26	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445691	57.26	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445692	57.26	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445693	57.26	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445686	57.27	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445687	57.27	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445688	57.27	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445689	57.27	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445682	35.38	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445683	38.19	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445684	57.28	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445685	57.28	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445680	7.26	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445681	57.29	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445679	6.73	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445678	24.70	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2445677	28.52	5/26/2016	Entreprises Minières Globex Inc. (100%)
CDC2180980	42.53	3/16/2009	Entreprises Minières Globex Inc. (100%)
CDC2086593	42.52	5/26/2007	Entreprises Minières Globex Inc. (100%)
CDC2071157	42.52	3/26/2007	Entreprises Minières Globex Inc. (100%)
CDC2181315	57.31	3/23/2009	Entreprises Minières Globex Inc. (100%)
CDC2183253	7.01	5/13/2009	Entreprises Minières Globex Inc. (100%)
CDC2181013	38.23	3/17/2009	Entreprises Minières Globex Inc. (100%)
CDC2180979	21.03	3/16/2009	Entreprises Minières Globex Inc. (100%)
CDC2160892	33.17	6/13/2008	Entreprises Minières Globex Inc. (100%)
CDC2182322	32.85	4/15/2009	Entreprises Minières Globex Inc. (100%)
CDC2181014	27.66	3/17/2007	Entreprises Minières Globex Inc. (100%)
CDC2181314	57.32	3/23/2009	Entreprises Minières Globex Inc. (100%)
CDC2181313	57.33	3/23/2009	Entreprises Minières Globex Inc. (100%)
CDC2181012	44.30	3/17/2009	Entreprises Minières Globex Inc. (100%)
CDC2181011	40.96	3/17/2009	Entreprises Minières Globex Inc. (100%)
CDC2181010	50.72	3/17/2009	Entreprises Minières Globex Inc. (100%)
CDC2160893	42.71	6/13/2008	Entreprises Minières Globex Inc. (100%)
CDC2356741	42.71	7/24/2012	Entreprises Minières Globex Inc. (100%)
CDC2181316	57.30	3/23/2009	Entreprises Minières Globex Inc. (100%)

Appendix 2

Appendix 2. Geochemistry of the granitic pegmatite rock samples collected during the 2009 summer field campaign at the Chubb property by Mineral Hill Industries (see Figure 5).

Sample no.	Easting*	Northing	Channel/Grab	Al_2O_3 (wt.%)	Fe_2O_{3T} (wt.%)	K_2O (wt.%)	CaO (wt.%)	Li (ppm)	Li_2O (wt.%)	Ta (ppm)	Be (ppm)	Rb (ppm)	Cs (ppm)	K/Rb
24701	280555	5354856	C	14,98	0,51	0,61	0,63	30	0,01	18,2	11	1380	54,8	27
24702	280618	5354774	C	12,32	1,36	1,64	1,02	3810	0,82	16,9	243	981	62,2	18
24703	280620	5354774	C	12,94	1,07	1,29	0,39	4750	1,02	32,4	198	1390	82	17
24704	280618	5354776	C	14,79	1,14	1,37	0,41	7880	1,70	45,6	222	1440	76,3	18
24705	280618	5354779	C	13,96	1,47	1,77	0,43	5170	1,11	34,4	214	1280	81,5	19
24706	280620	5354790	C	11,49	0,89	1,07	0,43	80	0,02	58	121	2380	70,8	11
24707	280624	5354768	C	13,23	0,90	1,08	0,38	3780	0,81	24,3	187	1540	87,2	19
24708	280623	5354771	C	14,21	1,74	2,10	0,46	4080	0,88	29,6	163	1010	68,9	18
24709	280618	5354754	C	13,77	1,57	1,89	0,42	7660	1,65	25,3	201	594	55,4	19
24710	280610	5354762	C	12,13	0,73	0,88	0,43	160	0,03	48,2	131	1720	124	19
24711	280609	5354761	C	13,47	1,10	1,33	0,42	160	0,03	43,6	260	1600	150	19
24712	280618	5354745	C	14,89	1,14	1,37	0,39	8250	1,78	30,9	183	975	67,6	19
24713	280621	5354737	C	15,27	0,71	0,86	0,49	3560	0,77	38,6	124	2330	140	18
24714	280621	5354730	C	12,70	1,33	1,60	0,45	6550	1,41	36,9	327	633	84,8	18
24715	280623	5354727	C	15,00	1,14	1,37	0,41	6940	1,49	47,4	186	1260	86,7	21
24716	280629	5354729	C	14,98	0,99	1,19	0,53	4760	1,02	24,3	138	1420	83,1	19
24717	280631	5354725	C	14,25	1,37	1,65	0,42	7530	1,62	44,2	271	998	71,4	19
24718	280629	5354719	C	14,61	1,32	1,59	0,77	4590	0,99	25,7	220	1450	88,1	20
24719	280628	5354719	C	15,95	1,07	1,29	0,52	11100	2,39	58,7	173	960	65,2	17
24720	280632	5354713	C	14,13	1,60	1,93	0,38	6310	1,36	31,5	241	1040	73,5	17
24721	280634	5354709	C	14,76	1,07	1,29	0,50	1690	0,36	23,1	124	1910	114	17
24722	280599	5354680	C	14,78	0,89	1,07	0,43	3910	0,84	43,6	217	840	63	20
24723	280596	5354697	C	14,64	1,59	1,92	0,36	5770	1,24	29,8	195	1230	82,7	19
24724	280496	5354697	C	14,93	0,73	0,88	0,48	50	0,01	47,1	93	1520	67,9	19
24725	280505	5354673	C	15,55	2,06	2,48	2,48	460	0,10	9,5	11	605	68	27
24726	280480	5354677	C	13,34	0,53	0,64	0,55	50	0,01	27	6	2270	56,3	18
24727	280489	5354642	C	12,26	1,00	1,20	0,00	90	0,02	44,4	223	887	59,5	21
24728	280496	5354639	C	10,47	1,09	1,31	0,42	60	0,01	36,6	133	838	50,8	24
24729	280477	5354639	C	12,77	1,42	1,71	0,39	4710	1,01	33	224	1120	99,8	17
24730	280495	5354607	C	17,38	1,52	1,83	0,42	9130	1,97	28,9	205	1060	57,1	20
24731	280488	5354599	C	14,27	1,06	1,28	0,38	6250	1,35	48,3	231	1040	62,1	24
24732	280632	5354715	G	18,27	1,42	1,71	0,57	10600	2,28	80,1	193	845	77	21
24733	280549	5354834	C	12,38	0,71	0,86	0,49	40	0,01	51,7	65	1980	74,2	17
24734	280568	5354844	C	12,98	1,17	4,01	0,42	120	0,03	55,2	231	1650	118,0	24
24735	280590	5354856	C	14,78	0,89	3,66	0,24	110	0,02	28,4	224	1460	83,2	25
24736	280589	5354860	C	15,68	1,24	2,01	0,17	8750	1,88	33,4	231	926	57,0	22
24737	280590	5354861	C	15,51	1,60	1,61	0,21	7220	1,55	35,3	222	850	53,2	19
24738	280598	5354847	C	13,74	1,50	2,17	0,13	8270	1,78	19,9	140	1070	54,5	20
24739	280603	5354836	C	14,93	1,16	1,89	0,29	8710	1,87	33,5	282	868	84,9	22
24740	280571	5354805	C	11,30	0,83	6,99	0,21	60	0,01	11,8	103	2680	117,0	26
24741	280576	5354811	C	15,40	1,12	1,81	0,39	3650	0,79	36,9	232	753	54,4	24
24742	280576	5354810	C	15,02	0,34	3,64	0,56	50	0,01	74,0	78	1440	51,8	25
24743	280576	5354804	C	14,64	1,22	3,70	0,27	4230	0,91	31,1	316	1600	97,9	23
24744	280575	5354795	C	14,08	1,53	2,17	0,35	6490	1,40	25,9	259	1120	90,0	19
24745	280574	5354794	C	13,40	2,20	2,52	0,24	1660	0,36	42,2	323	1260	107,0	20
24746	280557	5354825	C	12,98	0,63	4,25	0,67	40	0,01	57,4	73	1990	52,3	21

Appendix 2. Geochemistry of the granitic pegmatite rock samples collected during the 2009 summer field campaign at the Chubb property. by Mineral Hill Industries (See Figure 5).

Sample no.	Easting*	Northing	Channel/Grab	Al_2O_3 (wt.%)	Fe_2O_{3T} (wt.%)	K_2O (wt.%)	CaO (wt.%)	Li (ppm)	Li_2O (wt.%)	Ta (ppm)	Be (ppm)	Rb (ppm)	Cs (ppm)	K/Rb
24747	280544	5354839	C	13,91	0,34	4,12	0,35	20	0,00	81,6	113	2030	87,2	20
24748	280512	5354809	C	10,64	0,63	4,97	0,32	40	0,01	22,5	209	1500	84,1	33
24749	280471	5354812	C	14,21	1,53	3,81	0,34	5070	1,09	32,5	283	1610	79,7	24
24750	280718	5354790	C	13,64	0,90	4,52	0,17	3810	0,82	23,9	148	2220	263,0	20
24788	280667	5354614	G	15,17	1,23	0,54	0,25	13200	2,84	41,4	117	236	35,5	23
24789	280629	5354717	G	14,98	1,44	3,20	0,17	9170	1,97	25,1	208	1580	106,0	20
24790	280736	5354744	C	15,32	0,96	2,69	0,20	7420	1,60	50,6	207	1380	161,0	19
24791	280736	5354744	C	16,36	0,69	5,51	0,17	6130	1,32	72,7	216	2860	304,0	19
24792	280723	5354787	C	14,45	1,19	0,98	0,25	1900	0,41	35,7	244	531	77,5	18
24793	280723	5354787	C	13,59	1,02	2,95	0,32	380	0,08	22,6	219	1560	176,0	19
24794	280715	5354776	C	12,58	0,37	8,09	0,20	100	0,02	42,3	36	4780	188,0	17
24795	280715	5354776	C	13,17	0,70	5,47	0,20	100	0,02	57,8	13	3920	158,0	14
24796	280718	5354790	C	14,00	1,06	0,94	0,43	6320	1,36	28,1	251	461	82,1	20

*NAD83; Zone 18N

Appendix 2. Geochemistry of the rock samples collected from the Bouvier and International showings p during the 2009 summer field campaign. of Mineral Hill Industries (see Figure 7).

Sample	Showing	Easting*	Northing	RockType	Trench/Channel/Outcrop	Al_2O_3 (wt.%)	Fe_2O_{3T} (wt. %)	K_2O (wt.%)	CaO (wt.%)	Li (ppm)	Li_2O (wt.%)	Ta (ppm)	Be (ppm)	Rb (ppm)	Cs (ppm)
24751	B	714516	5370635	Spodumene-bearing granitic pegmatite	outcrop	15,02	1,09	1,73	0,22	9230	1,99	46,1	190	537	65,1
24752	B	714525	5370634	Spodumene-bearing granitic pegmatite	outcrop	15,15	1,39	1,31	0,42	11000	2,37	55,9	196	473	49,2
24753	B	714530	5370631	Spodumene-bearing granitic pegmatite	2	10,83	1,26	2,90	0,18	6320	1,36	21,4	217	978	70,4
24754	B	714530	5370635	Spodumene-bearing granitic pegmatite	2	14,78	1,54	3,83	0,29	3100	0,67	58,0	45	1200	54,6
24755	B	714530	5370633	Spodumene-bearing granitic pegmatite	2	16,50	0,67	7,50	0,22	4790	1,03	23,2	69	2350	113,0
24756	B	714532	5370632	Spodumene-bearing granitic pegmatite	outcrop	10,01	1,32	1,35	0,34	8970	1,93	48,3	104	398	33,2
24757	B	714546	5370627	Spodumene-bearing granitic pegmatite	3	15,08	0,97	3,12	0,24	10900	2,35	22,7	84	1070	53,8
24758	B	714546	5370630	Spodumene-bearing granitic pegmatite	3	15,48	1,03	1,60	0,39	9730	2,09	96,5	265	568	41,1
24759	B	714546	5370630	Spodumene-bearing granitic pegmatite	3	15,10	1,27	1,12	0,42	8260	1,78	91,4	124	399	24,5
24760	B	714546	5370634	Spodumene-bearing granitic pegmatite	3	14,68	0,53	2,23	0,48	770	0,17	70,3	104	759	61,8
24761	B	714560	5370634	Spodumene-bearing granitic pegmatite	outcrop	16,25	1,13	1,39	0,48	12400	2,67	45,4	11	545	29,2
24762	B	714562	5370634	Spodumene-bearing granitic pegmatite	outcrop	13,77	0,61	3,82	0,36	6510	1,40	14,7	12	1240	54,3
24763	B	714570	5370624	Spodumene-bearing granitic pegmatite	4	14,38	0,84	3,49	0,27	6060	1,30	51,8	131	1240	66,7
24764	B	714570	5370624	Spodumene-bearing granitic pegmatite	4	15,29	0,86	3,20	0,22	9310	2,00	50,6	189	1120	64,0
24765	B	714570	5370630	Spodumene-bearing granitic pegmatite	4	16,63	0,81	2,52	0,46	190	0,04	62,0	86	772	31,5
24766	B	714570	5370634	Spodumene-bearing granitic pegmatite	4	15,17	2,16	1,73	3,15	1040	0,22	6,9	<5	90	19,1
24767	B	714584	5370628	Spodumene-bearing granitic pegmatite	outcrop	15,23	1,13	1,65	0,18	13500	2,91	31,4	52	625	34,1
24768	B	714584	5370628	Spodumene-bearing granitic pegmatite	outcrop	15,89	1,37	2,01	0,28	11800	2,54	43,1	59	741	35,9
24769	B	714584	5370632	Spodumene-bearing granitic pegmatite	outcrop	15,38	0,87	1,52	0,35	6290	1,35	70,2	66	543	31,6
24770	B	714603	5370638	Spodumene-bearing granitic pegmatite	5	13,49	0,57	5,75	0,50	220	0,05	45,7	<5	1630	101,0
24771	I	715336	5370512	Spodumene-bearing granitic pegmatite	Channel Sample	16,02	0,93	1,04	0,42	1380	0,30	97,9	139	269	19,3
24772	I	715336	5370512	Spodumene-bearing granitic pegmatite	Channel Sample	14,23	0,49	0,18	0,42	30	0,01	83,3	195	44	9,7
24773	I	715336	5370512	Spodumene-bearing granitic pegmatite	Channel Sample	7,29	0,59	0,22	0,28	30	0,01	80,5	149	59	4,8
24774	I	715344	5370507	Spodumene-bearing granitic pegmatite	Channel Sample	17,59	1,20	0,88	0,46	12300	2,65	103,0	81	320	37,2
24775	I	715344	5370507	Spodumene-bearing granitic pegmatite	Channel Sample	16,40	0,76	0,87	0,20	5610	1,21	72,5	179	257	31,6
24776	I	715344	5370507	Spodumene-bearing granitic pegmatite	Channel Sample	15,51	0,69	0,48	0,29	3870	0,83	83,4	195	120	20,5
24777	I	715344	5370507	Spodumene-bearing granitic pegmatite	Channel Sample	12,85	0,47	0,27	0,25	80	0,02	80,6	239	66	21,6
24778	I	715344	5370507	Spodumene-bearing granitic pegmatite	Channel Sample	6,37	0,53	0,23	0,18	110	0,02	72,1	65	62	8,5
24779	I	715346	5370506	Spodumene-bearing granitic pegmatite	Channel Sample	14,53	0,87	0,70	0,27	2530	0,54	84,8	180	153	20,4
24780	I	715346	5370506	Spodumene-bearing granitic pegmatite	Channel Sample	15,49	0,63	0,63	0,29	1050	0,23	81,6	174	116	13,4
24781	I	715346	5370506	Spodumene-bearing granitic pegmatite	Channel Sample	18,35	0,36	0,18	0,49	30	0,01	129,0	256	41	11,8
24782	I	715346	5370506	Spodumene-bearing granitic pegmatite	Channel Sample	18,52	0,43	0,40	0,50	670	0,14	156,0	217	113	18,4
24783	I	715346	5370506	Spodumene-bearing granitic pegmatite	Channel Sample	17,57	0,77	0,53	0,35	1960	0,42	109,0	506	141	17,5
24784	I	715346	5370506	Spodumene-bearing granitic pegmatite	Channel Sample	19,08	0,40	0,65	0,67	140	0,03	93,0	489	236	29,4
24785	I	715346	5370506	Spodumene-bearing granitic pegmatite	Channel Sample	18,76	0,49	0,60	0,45	140	0,03	108,0	808	183	34,6
24786	I	715346	5370506	Spodumene-bearing granitic pegmatite	Channel Sample	17,25	0,57	0,42	0,31	70	0,02	105,0	227	105	9,3
24787	I	715243	5370534	Spodumene-bearing granitic pegmatite	Chip sample	12,62	0,50	0,02	0,28	10	0,00	99,1	185	4	2,9

*NAD83; Zone 17N

B=Bouvier showing, I=International showing

SGS

Certificate of Analysis

Work Order: TO107718

To: Fayz Yacoub
COD SGS Minerals
On Track Exploration
6498-128 B Street
Surrey
BC V3W 9P4

Date: Nov 30, 2009

P.O. No.	:	Project: Athona-Lithium
Project No.	:	-
No. Of Samples	:	19
Date Submitted	:	Sep 23, 2009
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Distribution of unused material:
STORE:

Certified By : [signature]
Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

SGS

Element	WtKg	Al	Ba	Be	Ca	Cr	Cu	Fe	K	Li
Method	WGH79	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.001	0.01	0.5	5	0.01	10	5	0.01	0.01	10
Units	kg	%	ppm	ppm	%	ppm	ppm	%	%	ppm
25301	10.076	10.8	183	16	0.46	40	17	0.26	0.16	40
25302	8.974	10.8	272	13	0.37	30	11	0.27	0.11	20
25303	2.656	4.35	739	43	4.80	1770	<5	6.36	3.54	1320
25304	3.342	10.8	46.6	10	0.33	20	<5	0.20	0.08	10
25305	7.224	10.7	69.4	10	0.29	10	<5	0.32	0.09	<10
25306	3.066	11.0	19.6	10	0.25	20	<5	0.19	0.06	<10
25307	2.456	10.8	53.2	17	0.44	20	8	0.31	0.06	<10
25308	4.480	10.6	98.1	14	0.59	180	7	0.57	0.08	20
25309	7.896	8.54	205	19	0.45	10	<5	0.16	0.31	20
25310	3.526	11.1	26.9	20	0.41	10	<5	0.16	0.06	<10
25311	8.070	11.4	71.1	14	0.32	10	<5	0.36	0.05	30
25312	2.838	10.9	28.6	12	0.30	10	10	0.21	0.05	<10
25313	3.410	11.0	28.5	8	0.25	20	<5	0.19	0.03	<10
25314	5.636	9.12	173	13	0.36	20	5	0.40	2.16	10
25315	3.080	10.4	33.0	22	0.71	30	<5	0.67	0.07	<10
25316	5.020	8.86	140	18	0.39	20	<5	0.27	1.69	<10
25317	4.754	8.37	266	14	0.37	30	<5	0.33	1.49	10
25318	2.282	10.8	23.3	22	0.82	10	6	0.26	0.08	<10
25319	2.208	10.9	1470	32	0.61	20	<5	0.50	0.13	170
*Rep 25312		10.9	24.7	12	0.31	10	6	0.21	0.06	<10
*Rep 25319		11.1	1490	32	0.64	20	<5	0.50	0.14	180

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Final : TO107718 Order: Project: Athona-Lithium

Element Method Det.Lim. Units	Mg @ICM90A 0.01 %	Mn @ICM90A 10 ppm	Ni @ICM90A 5 ppm	P @ICM90A 0.01 %	Sc @ICM90A 5 ppm	Sr @ICM90A 0.1 ppm	Ti @ICM90A 0.01 %	V @ICM90A 5 ppm	Zn @ICM90A 5 ppm	Ag @ICM90A 1 ppm
25301	0.13	90	18	0.04	<5	1400	<0.01	<5	16	<1
25302	0.03	50	12	<0.01	<5	1330	<0.01	<5	6	<1
25303	11.0	2180	957	0.01	18	202	0.18	131	179	<1
25304	0.08	150	15	0.03	<5	574	<0.01	<5	9	<1
25305	<0.01	460	6	0.02	<5	582	<0.01	<5	30	<1
25306	0.01	190	8	<0.01	<5	206	<0.01	<5	<5	<1
25307	0.13	300	15	0.04	<5	527	<0.01	<5	6	<1
25308	0.35	210	512	0.08	<5	755	<0.01	<5	15	<1
25309	0.05	930	7	0.02	<5	214	<0.01	<5	7	<1
25310	<0.01	20	14	0.02	<5	291	<0.01	<5	<5	<1
25311	0.02	60	9	0.02	<5	1290	<0.01	<5	65	<1
25312	<0.01	60	6	0.01	<5	111	<0.01	<5	8	<1
25313	0.01	250	7	0.01	<5	254	<0.01	<5	<5	<1
25314	0.01	1010	<5	0.01	<5	191	<0.01	<5	7	<1
25315	0.15	340	12	0.05	<5	296	0.14	14	16	<1
25316	0.01	830	<5	0.02	<5	162	<0.01	<5	7	<1
25317	0.02	70	8	0.01	<5	229	<0.01	<5	5	<1
25318	0.01	50	8	0.19	<5	301	<0.01	<5	8	<1
25319	0.34	90	40	<0.01	<5	3300	<0.01	<5	9	<1
*Rep 25312	<0.01	60	11	0.01	<5	109	<0.01	<5	10	<1
*Rep 25319	0.34	90	38	<0.01	<5	3390	<0.01	<5	9	<1

Element	As	Bi	Cd	Ce	Co	Cs	Dy	Er	Eu	Ga
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	5	0.1	0.2	0.1	0.5	0.1	0.05	0.05	0.05	1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
25301	<5	2.7	INF	2.6	1.0	3.4	0.09	0.06	0.06	53
25302	<5	2.0	INF	0.9	0.8	1.5	0.05	<0.05	<0.05	54
25303	<5	2.2	0.3	11.3	74.9	480	1.68	1.07	0.59	35
25304	<5	0.4	<0.2	1.9	0.7	2.0	0.12	<0.05	0.06	64
25305	<5	1.5	<0.2	2.4	<0.5	0.3	0.42	<0.05	<0.05	64
25306	<5	0.2	<0.2	1.3	0.5	0.5	0.19	0.05	<0.05	72
25307	<5	13.5	INF	1.5	1.0	0.6	0.18	<0.05	<0.05	66
25308	<5	29.7	INF	0.9	2.7	4.3	0.11	<0.05	0.08	71
25309	<5	3.0	<0.2	1.7	0.6	5.2	0.13	0.08	<0.05	51
25310	<5	7.8	<0.2	1.4	<0.5	0.6	0.08	<0.05	<0.05	54
25311	<5	0.3	0.5	0.9	<0.5	0.3	0.05	0.07	0.08	64
25312	<5	1.6	<0.2	0.9	<0.5	0.5	0.11	<0.05	<0.05	61
25313	<5	0.2	<0.2	1.2	<0.5	0.6	0.18	<0.05	<0.05	65
25314	<5	0.3	<0.2	1.1	<0.5	12.1	0.17	0.07	<0.05	47
25315	<5	7.0	<0.2	3.3	3.2	0.9	0.71	0.33	0.24	53
25316	<5	140	<0.2	8.5	<0.5	10.7	0.19	0.05	0.07	50
25317	<5	0.7	<0.2	1.2	<0.5	12.6	<0.05	<0.05	<0.05	48
25318	<5	52.1	<0.2	1.4	<0.5	1.2	0.18	0.08	0.07	57
25319	<5	0.7	<0.2	1.5	2.6	0.9	<0.05	<0.05	<0.05	37
*Rep 25312	<5	1.6	0.3	0.9	<0.5	0.6	0.10	<0.05	<0.05	63
*Rep 25319	<5	0.8	<0.2	1.6	2.6	0.9	<0.05	<0.05	<0.05	37

SGS

Element	Gd	Ge	Hf	Ho	In	La	Lu	Mo	Nb	Nd
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.05	1	1	0.05	0.2	0.1	0.05	2	1	0.1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
25301	0.32	3	3	<0.05	<0.2	1.1	<0.05	>10000	10	1.3
25302	0.11	3	4	0.05	<0.2	0.6	<0.05	>10000	3	0.5
25303	2.06	5	<1	0.35	<0.2	3.5	0.16	31	23	7.9
25304	0.43	4	5	<0.05	<0.2	1.0	<0.05	9	35	0.8
25305	0.67	3	7	<0.05	<0.2	1.3	0.09	7	60	1.1
25306	0.40	3	5	<0.05	<0.2	0.6	0.11	8	31	0.5
25307	0.32	5	5	<0.05	<0.2	0.8	<0.05	7800	28	0.6
25308	0.23	4	5	<0.05	<0.2	0.5	<0.05	4850	18	0.5
25309	0.28	5	2	<0.05	<0.2	0.5	<0.05	83	26	0.6
25310	0.17	4	9	<0.05	<0.2	0.6	<0.05	8	25	0.6
25311	0.15	4	4	<0.05	<0.2	0.4	<0.05	5	10	0.6
25312	0.26	3	5	<0.05	<0.2	0.4	<0.05	1470	41	0.5
25313	0.28	3	5	<0.05	<0.2	0.5	<0.05	91	25	0.5
25314	0.34	4	5	<0.05	<0.2	0.6	<0.05	2	19	0.6
25315	1.11	4	7	0.13	<0.2	1.2	0.07	61	47	2.5
25316	0.51	5	4	<0.05	<0.2	1.7	0.06	2	72	1.7
25317	0.09	4	3	<0.05	<0.2	0.7	0.07	<2	26	0.5
25318	0.55	5	7	<0.05	<0.2	0.7	<0.05	6	13	0.9
25319	0.09	2	<1	<0.05	<0.2	1.0	<0.05	<2	<1	0.6
*Rep 25312	0.28	3	5	<0.05	<0.2	0.5	<0.05	1660	40	0.5
*Rep 25319	0.09	2	<1	<0.05	<0.2	1.1	<0.05	<2	<1	0.7

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Element	Pb	Pr	Rb	Sb	Sm	Sn	Ta	Tb	Th	Tl
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	5	0.05	0.2	0.1	0.1	1	0.5	0.05	0.1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
25301	<5	0.32	18.0	0.2	0.4	2	60.1	<0.05	1.2	<0.5
25302	<5	0.13	9.2	0.2	0.2	1	11.1	<0.05	0.9	<0.5
25303	<5	1.82	1050	0.2	2.0	7	6.5	0.32	0.6	7.1
25304	8	0.27	6.3	0.2	0.4	2	170	0.06	3.5	<0.5
25305	12	0.32	1.7	0.4	0.6	2	152	0.15	4.5	<0.5
25306	<5	0.19	2.3	0.2	0.4	1	138	0.05	3.6	<0.5
25307	8	0.17	1.8	0.2	0.4	2	68.9	0.06	3.2	<0.5
25308	15	0.14	11.2	0.2	0.3	2	152	<0.05	1.6	<0.5
25309	9	0.15	37.3	0.2	0.3	5	30.2	0.07	2.5	<0.5
25310	5	0.18	2.4	0.2	0.2	1	127	<0.05	4.0	<0.5
25311	7	0.16	1.6	0.3	0.2	1	39.2	<0.05	1.3	<0.5
25312	5	0.14	1.1	0.2	0.3	4	191	<0.05	2.6	<0.5
25313	<5	0.16	2.5	0.2	0.3	1	54.8	0.05	2.8	<0.5
25314	10	0.14	448	0.2	0.1	1	24.6	0.05	2.6	3.2
25315	6	0.51	6.3	0.2	1.0	3	146	0.18	3.0	<0.5
25316	11	0.52	538	0.2	0.5	2	80.3	0.10	3.3	3.8
25317	6	0.16	386	0.2	0.2	2	66.6	<0.05	1.3	2.5
25318	6	0.20	6.3	0.2	0.5	3	65.4	0.08	2.5	<0.5
25319	6	0.19	6.8	0.2	<0.1	<1	1.1	<0.05	<0.1	<0.5
*Rep 25312	5	0.15	1.4	0.2	0.4	2	193	<0.05	2.8	<0.5
*Rep 25319	6	0.22	6.3	0.2	0.1	1	<0.5	<0.05	<0.1	<0.5

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Final : TO107718 Order: Project: Athona-Lithium

Element	Tm	U	W	Y	Yb	Zr
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.05	0.05	1	0.5	0.1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm
25301	<0.05	4.34	<1	<0.5	<0.1	9.5
25302	<0.05	2.07	<1	<0.5	<0.1	11.5
25303	0.14	0.18	<1	8.8	1.0	16.7
25304	<0.05	7.41	<1	0.7	<0.1	15.5
25305	<0.05	9.69	<1	1.8	0.1	29.1
25306	<0.05	4.64	<1	0.9	<0.1	19.4
25307	<0.05	5.49	<1	0.9	<0.1	20.6
25308	<0.05	9.32	<1	0.6	<0.1	14.9
25309	<0.05	3.15	<1	0.8	<0.1	11.7
25310	<0.05	12.2	<1	<0.5	<0.1	32.0
25311	<0.05	6.04	<1	<0.5	<0.1	20.2
25312	<0.05	9.36	<1	0.6	<0.1	16.1
25313	<0.05	3.49	<1	0.9	<0.1	18.0
25314	<0.05	2.00	<1	1.0	<0.1	21.2
25315	<0.05	7.52	<1	3.5	0.3	39.5
25316	<0.05	3.41	<1	0.9	<0.1	17.8
25317	<0.05	8.46	<1	<0.5	<0.1	11.7
25318	<0.05	5.49	<1	1.1	<0.1	23.5
25319	<0.05	0.15	<1	<0.5	<0.1	<0.5
*Rep 25312	<0.05	8.86	<1	0.5	<0.1	15.5
*Rep 25319	<0.05	0.11	<1	<0.5	<0.1	0.6

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Certificate of Analysis

Work Order: TO107719

To: **Fayz Yacoub**
COD SGS Minerals
On Track Exploration
6498-128 B Street
Surrey
BC V3W 9P4

Date: Nov 27, 2009

P.O. No.	:	Project: Lithium-Chubb
Project No.	:	-
No. Of Samples	:	26
Date Submitted	:	Sep 23, 2009
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Distribution of unused material:
STORE:

Certified By : ______________________
Gavin McGill
Operations Manager

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Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

SGS

Element	WtKg	Al	Ba	Be	Ca	Cr	Cu	Fe	K	Li
Method	WGH79	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.001	0.01	0.5	5	0.01	10	5	0.01	0.01	10
Units	kg	%	ppm	ppm	%	ppm	ppm	%	%	ppm
24734	7.032	6.87	53.8	231	0.30	10	9	0.82	3.33	120
24735	2.730	7.82	20.1	224	0.17	40	11	0.62	3.04	110
24736	3.416	8.30	17.1	231	0.12	60	29	0.87	1.67	8750
24737	5.518	7.68	8.8	222	0.15	30	10	1.12	1.34	7220
24738	4.526	7.27	4.0	140	0.09	10	10	1.05	1.80	8270
24739	1.922	7.90	33.3	282	0.21	10	7	0.81	1.57	8710
24740	5.054	5.98	38.4	103	0.15	20	9	0.58	5.80	60
24741	8.000	7.96	68.6	232	0.28	20	7	0.78	1.50	3650
24742	6.068	7.95	78.8	78	0.40	10	8	0.24	3.02	50
24743	8.078	7.75	16.6	316	0.19	20	9	0.85	3.07	4230
24744	6.856	7.45	3.2	259	0.25	20	8	1.07	1.80	6490
24745	9.684	7.09	13.2	323	0.17	10	10	1.54	2.09	1660
24746	3.050	6.87	52.8	73	0.48	10	7	0.44	3.53	40
24747	6.026	7.36	41.7	113	0.25	20	8	0.24	3.42	20
24748	5.278	5.63	44.8	209	0.23	30	9	0.44	4.13	40
24749	8.634	7.52	19.8	283	0.24	30	13	1.07	3.16	5070
24750	3.458	7.22	19.5	148	0.12	40	9	0.63	3.75	3810
24788	3.340	8.03	<0.5	117	0.18	60	<5	0.86	0.45	13200
24789	7.604	7.93	13.4	208	0.12	50	<5	1.01	2.66	9170
24790	7.490	8.11	14.8	207	0.14	20	7	0.67	2.23	7420
24791	5.140	8.66	29.9	216	0.12	60	6	0.48	4.57	6130
24792	6.872	7.65	24.0	244	0.18	10	9	0.83	0.81	1900
24793	5.786	7.19	105	219	0.23	10	<5	0.71	2.45	380
24794	4.914	6.66	86.0	36	0.14	20	<5	0.26	6.72	100
24795	4.440	6.97	24.4	13	0.14	20	<5	0.49	4.54	100
24796	6.576	7.41	7.5	251	0.31	20	6	0.74	0.78	6320
*Rep 24745		7.18	11.3	314	0.14	20	6	1.37	2.12	1670
*Rep 24795		7.12	25.1	13	0.14	20	10	0.49	4.74	100
*Rep 24796		7.47	4.3	272	0.19	30	9	0.72	0.78	6310

SGS

Element	Mg	Mn	Ni	P	Sc	Sr	Ti	V	Zn	Ag
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.01	10	5	0.01	5	0.1	0.01	5	5	1
Units	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
24734	0.05	710	<5	0.01	<5	39.1	<0.01	11	66	<1
24735	0.02	520	<5	0.02	<5	26.5	<0.01	6	100	<1
24736	0.03	670	28	<0.01	<5	18.3	<0.01	10	117	<1
24737	0.03	660	<5	0.01	<5	21.3	<0.01	9	116	<1
24738	0.02	650	<5	<0.01	<5	14.7	<0.01	8	97	<1
24739	0.03	740	<5	0.01	<5	33.8	<0.01	10	61	<1
24740	0.01	150	<5	0.02	<5	45.9	<0.01	<5	20	<1
24741	0.03	600	<5	0.02	<5	47.3	<0.01	10	140	<1
24742	0.02	250	<5	0.01	<5	64.3	<0.01	<5	32	<1
24743	0.02	430	<5	0.02	<5	36.5	<0.01	8	109	<1
24744	0.02	720	<5	<0.01	<5	19.7	<0.01	14	134	<1
24745	0.02	600	<5	0.02	<5	26.0	<0.01	15	121	<1
24746	0.02	230	<5	<0.01	<5	71.2	<0.01	<5	27	<1
24747	0.01	550	<5	0.01	<5	64.3	<0.01	<5	18	<1
24748	0.02	380	<5	0.01	<5	53.5	<0.01	<5	16	<1
24749	0.02	570	<5	0.01	<5	30.6	<0.01	13	48	<1
24750	0.03	470	<5	0.02	<5	35.4	<0.01	<5	66	<1
24788	0.02	810	<5	0.01	<5	11.3	<0.01	8	82	<1
24789	0.01	660	<5	0.02	<5	30.7	<0.01	17	45	<1
24790	0.02	720	<5	0.01	<5	29.5	<0.01	5	70	<1
24791	0.01	610	<5	0.02	<5	62.9	<0.01	6	45	<1
24792	0.02	1470	<5	0.02	<5	31.5	<0.01	6	74	<1
24793	0.06	1200	<5	0.04	<5	86.0	0.02	10	109	<1
24794	0.01	690	<5	0.01	<5	101	<0.01	<5	39	<1
24795	0.02	1970	<5	<0.01	<5	66.5	<0.01	<5	101	<1
24796	0.03	510	<5	0.02	<5	19.6	<0.01	5	49	<1
*Rep 24745	0.02	610	<5	0.02	<5	28.1	<0.01	14	124	<1
*Rep 24795	0.01	1950	<5	<0.01	<5	69.3	<0.01	<5	100	<1
*Rep 24796	0.03	490	<5	0.02	<5	18.0	<0.01	6	47	<1

Element	As	Bi	Cd	Ce	Co	Cs	Dy	Er	Eu	Ga
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	5	0.1	0.2	0.1	0.5	0.1	0.05	0.05	0.05	1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24734	<5	148	0.2	0.9	0.9	118	<0.05	<0.05	<0.05	45
24735	<5	262	<0.2	1.0	0.6	83.2	<0.05	<0.05	<0.05	45
24736	11	24.5	0.8	0.7	2.6	57.0	<0.05	<0.05	<0.05	55
24737	<5	339	<0.2	3.3	2.3	53.2	0.05	<0.05	0.05	54
24738	<5	>1000	0.3	0.8	4.9	54.5	<0.05	<0.05	<0.05	58
24739	<5	635	<0.2	0.6	3.8	84.9	<0.05	<0.05	<0.05	55
24740	<5	10.2	<0.2	0.3	3.4	117	<0.05	<0.05	<0.05	23
24741	<5	29.8	<0.2	1.8	2.4	54.4	0.07	<0.05	<0.05	52
24742	<5	52.0	0.2	5.1	2.2	51.8	0.47	0.05	0.10	63
24743	<5	34.3	<0.2	0.8	8.2	97.9	<0.05	<0.05	<0.05	42
24744	<5	42.0	<0.2	1.1	9.7	90.0	<0.05	<0.05	<0.05	56
24745	<5	65.5	<0.2	1.2	7.4	107	<0.05	<0.05	<0.05	47
24746	<5	11.8	<0.2	1.2	5.2	52.3	0.29	0.06	<0.05	52
24747	<5	15.3	<0.2	1.5	4.1	87.2	0.55	0.06	0.05	55
24748	<5	149	<0.2	0.3	2.8	84.1	<0.05	<0.05	<0.05	21
24749	<5	322	<0.2	0.5	1.4	79.7	<0.05	<0.05	<0.05	43
24750	<5	145	<0.2	0.5	4.2	263	<0.05	<0.05	<0.05	44
24788	<5	129	0.2	3.4	0.6	35.5	0.08	<0.05	<0.05	63
24789	<5	91.1	<0.2	0.4	0.5	106	<0.05	<0.05	<0.05	52
24790	<5	11.8	<0.2	0.6	5.1	161	<0.05	<0.05	<0.05	53
24791	<5	75.4	<0.2	0.4	4.5	304	<0.05	<0.05	<0.05	50
24792	<5	44.8	<0.2	1.5	6.4	77.5	0.07	<0.05	<0.05	48
24793	<5	50.7	<0.2	2.2	2.4	176	0.12	<0.05	0.07	47
24794	<5	6.7	0.2	1.8	3.2	188	0.53	0.07	<0.05	43
24795	<5	23.3	0.4	4.6	1.9	158	1.23	0.18	<0.05	58
24796	<5	292	<0.2	0.5	3.8	82.1	<0.05	<0.05	<0.05	50
*Rep 24745	<5	64.4	<0.2	1.1	5.6	105	<0.05	<0.05	<0.05	47
*Rep 24795	<5	23.5	0.4	4.4	1.5	159	1.27	0.18	<0.05	58
*Rep 24796	<5	260	<0.2	0.5	3.8	82.3	<0.05	<0.05	<0.05	49

Element	Gd	Ge	Hf	Ho	In	La	Lu	Mo	Nb	Nd
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.05	1	1	0.05	0.2	0.1	0.05	2	1	0.1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24734	0.15	3	3	<0.05	<0.2	0.3	<0.05	<2	78	0.4
24735	0.22	3	2	<0.05	<0.2	0.5	<0.05	<2	49	0.9
24736	0.15	3	1	<0.05	<0.2	0.3	0.05	<2	60	0.4
24737	0.22	3	3	<0.05	<0.2	1.9	<0.05	<2	88	1.5
24738	0.16	3	<1	<0.05	<0.2	0.4	<0.05	<2	55	0.5
24739	0.15	3	1	<0.05	<0.2	0.3	<0.05	<2	62	0.4
24740	<0.05	3	<1	<0.05	<0.2	0.2	0.06	<2	30	0.2
24741	0.31	3	5	<0.05	<0.2	0.7	<0.05	<2	95	0.9
24742	1.85	5	4	<0.05	<0.2	2.0	<0.05	<2	75	3.2
24743	0.15	3	3	<0.05	<0.2	0.4	<0.05	<2	75	0.5
24744	0.18	3	<1	<0.05	<0.2	0.7	<0.05	<2	55	0.8
24745	0.16	3	1	<0.05	<0.2	0.7	<0.05	<2	108	0.8
24746	0.70	4	3	<0.05	<0.2	0.6	0.09	<2	66	0.8
24747	1.70	4	7	<0.05	<0.2	0.6	<0.05	<2	84	0.9
24748	0.11	3	<1	<0.05	<0.2	0.2	<0.05	<2	39	0.2
24749	0.05	3	<1	<0.05	<0.2	0.3	0.05	<2	77	0.3
24750	0.12	3	<1	<0.05	<0.2	0.4	<0.05	<2	47	0.3
24788	1.13	3	<1	<0.05	<0.2	1.3	<0.05	<2	48	2.0
24789	0.08	3	<1	<0.05	<0.2	0.4	<0.05	<2	43	0.3
24790	0.17	3	3	<0.05	<0.2	0.3	<0.05	<2	55	0.4
24791	0.11	3	3	<0.05	<0.2	0.2	<0.05	<2	57	0.3
24792	0.25	3	3	<0.05	<0.2	0.8	<0.05	<2	80	0.9
24793	0.33	3	3	<0.05	<0.2	1.0	<0.05	<2	56	1.5
24794	1.34	4	7	<0.05	<0.2	0.6	<0.05	<2	32	1.3
24795	2.60	5	9	0.10	<0.2	1.6	<0.05	<2	53	3.1
24796	0.14	3	<1	<0.05	<0.2	0.6	<0.05	<2	57	0.4
*Rep 24745	0.16	3	1	<0.05	<0.2	0.7	<0.05	<2	112	0.8
*Rep 24795	2.60	4	7	0.10	<0.2	1.6	0.07	<2	53	3.1
*Rep 24796	0.10	3	<1	<0.05	<0.2	0.6	0.05	<2	39	0.4

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Element	Pb	Pr	Rb	Sb	Sm	Sn	Ta	Tb	Th	Tl
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	5	0.05	0.2	0.1	0.1	1	0.5	0.05	0.1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24734	20	0.11	1650	0.2	0.2	6	55.2	<0.05	1.5	12.4
24735	10	0.19	1460	0.3	0.4	3	28.4	<0.05	1.2	11.3
24736	7	0.14	926	0.7	0.3	5	33.4	<0.05	1.1	7.1
24737	<5	0.40	850	0.4	0.5	6	35.3	<0.05	1.7	6.1
24738	6	0.15	1070	0.2	0.5	5	19.9	<0.05	1.3	8.1
24739	6	0.11	868	0.2	0.4	5	33.5	<0.05	2.2	6.9
24740	8	<0.05	2680	0.2	<0.1	<1	11.8	<0.05	0.2	22.8
24741	7	0.27	753	0.5	0.5	3	36.9	<0.05	3.1	5.8
24742	14	0.80	1440	0.2	2.2	1	74.0	0.20	3.7	12.2
24743	<5	0.14	1600	0.2	0.3	2	31.1	<0.05	2.0	12.7
24744	<5	0.20	1120	0.2	0.5	4	25.9	<0.05	1.5	8.2
24745	<5	0.22	1260	0.4	0.4	5	42.2	<0.05	2.9	9.1
24746	12	0.20	1990	0.2	0.4	1	57.4	0.12	1.4	17.8
24747	24	0.21	2030	0.3	1.1	3	81.6	0.23	2.6	18.8
24748	6	<0.05	1500	0.2	0.1	<1	22.5	<0.05	0.7	11.9
24749	7	0.08	1610	0.3	0.1	3	32.5	<0.05	0.6	13.0
24750	8	0.09	2220	0.2	0.2	4	23.9	<0.05	0.6	20.4
24788	<5	0.56	236	0.2	2.3	3	41.4	0.08	1.6	1.6
24789	<5	0.07	1580	0.2	0.2	4	25.1	<0.05	0.5	13.5
24790	<5	0.11	1380	0.2	0.3	2	50.6	<0.05	1.1	12.4
24791	10	0.08	2860	0.2	0.1	2	72.7	<0.05	0.8	27.6
24792	<5	0.26	531	0.2	0.5	3	35.7	<0.05	1.7	3.3
24793	6	0.37	1560	0.2	0.5	4	22.6	<0.05	1.7	11.1
24794	37	0.31	4780	0.2	1.3	4	42.3	0.20	2.0	48.4
24795	25	0.80	3920	0.3	2.4	9	57.8	0.41	3.5	39.2
24796	<5	0.12	461	0.2	0.2	3	28.1	<0.05	0.5	3.6
*Rep 24745	<5	0.22	1240	0.4	0.4	5	44.0	<0.05	2.7	8.9
*Rep 24795	24	0.73	3990	0.2	2.4	10	55.9	0.41	3.6	38.8
*Rep 24796	<5	0.12	460	0.2	0.2	3	26.6	<0.05	0.5	3.7

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Final : TO107719 Order: Project: Lithium-Chubb

Element	Tm	U	W	Y	Yb	Zr
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.05	0.05	1	0.5	0.1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm
24734	<0.05	5.28	<1	<0.5	<0.1	14.5
24735	<0.05	1.78	<1	<0.5	<0.1	9.2
24736	<0.05	2.13	<1	<0.5	<0.1	7.1
24737	<0.05	3.35	<1	<0.5	<0.1	9.8
24738	<0.05	6.07	<1	<0.5	<0.1	3.9
24739	<0.05	4.22	<1	<0.5	<0.1	4.3
24740	<0.05	0.53	<1	<0.5	<0.1	1.3
24741	<0.05	7.89	<1	<0.5	<0.1	27.1
24742	<0.05	7.55	<1	3.4	<0.1	11.3
24743	<0.05	3.06	<1	<0.5	<0.1	16.8
24744	<0.05	1.94	<1	<0.5	<0.1	5.8
24745	<0.05	5.02	1	<0.5	<0.1	6.8
24746	<0.05	3.44	<1	2.6	<0.1	8.4
24747	<0.05	8.34	<1	4.8	<0.1	14.9
24748	<0.05	2.28	<1	<0.5	<0.1	6.2
24749	<0.05	1.65	<1	<0.5	<0.1	4.4
24750	<0.05	1.54	<1	<0.5	<0.1	3.0
24788	<0.05	2.36	<1	<0.5	<0.1	2.5
24789	<0.05	0.80	<1	<0.5	<0.1	1.3
24790	<0.05	2.97	<1	<0.5	<0.1	13.7
24791	<0.05	3.89	<1	<0.5	<0.1	12.4
24792	<0.05	3.45	<1	<0.5	<0.1	20.7
24793	<0.05	4.10	<1	<0.5	<0.1	25.7
24794	<0.05	10.3	<1	5.1	<0.1	24.2
24795	<0.05	18.8	<1	11.6	0.3	32.0
24796	<0.05	2.51	<1	<0.5	<0.1	3.7
*Rep 24745	<0.05	5.53	<1	<0.5	<0.1	7.0
*Rep 24795	<0.05	18.8	<1	11.5	0.3	28.2
*Rep 24796	<0.05	2.45	<1	<0.5	<0.1	4.0

Certificate of Analysis

Work Order: TO107720

To: **Fayz Yacoub**
COD SGS Minerals
On Track Exploration
6498-128 B Street
Surrey
BC V3W 9P4

Date: Dec 03, 2009

P.O. No.	:	Project: International-Lithium
Project No.	:	-
No. Of Samples	:	37
Date Submitted	:	Sep 23, 2009
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Distribution of unused material:
STORE:

Certified By : [signature]
Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	–	= No result

*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Final : TO107720 Order: Project: International-Lithium

Element	WtKg	Al	Ba	Be	Ca	Cr	Cu	Fe	K	Li
Method	WGH79	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.001	0.01	0.5	5	0.01	10	5	0.01	0.01	10
Units	kg	%	ppm	ppm	%	ppm	ppm	%	%	ppm
24751	9.890	7.95	13.6	190	0.16	10	11	0.76	1.44	9230
24752	6.112	8.02	10.3	196	0.30	20	<5	0.97	1.09	11000
24753	5.128	5.73	16.3	217	0.13	<10	<5	0.88	2.41	6320
24754	6.804	7.82	13.6	45	0.21	30	9	1.08	3.18	3100
24755	5.282	8.73	30.9	69	0.16	30	<5	0.47	6.23	4790
24756	5.318	5.30	6.6	104	0.24	20	11	0.92	1.12	8970
24757	4.416	7.98	13.0	84	0.17	<10	<5	0.68	2.59	10900
24758	8.680	8.19	6.3	265	0.28	30	9	0.72	1.33	9730
24759	5.398	7.99	3.9	124	0.30	30	<5	0.89	0.93	8260
24760	11.536	7.77	18.8	104	0.34	20	6	0.37	1.85	770
24761	3.006	8.60	10.2	11	0.34	<10	6	0.79	1.15	12400
24762	2.682	7.29	106	12	0.26	<10	16	0.43	3.17	6510
24763	8.184	7.61	13.6	131	0.19	30	10	0.59	2.90	6060
24764	11.576	8.09	9.1	189	0.16	40	31	0.60	2.66	9310
24765	8.440	8.80	35.6	86	0.33	40	10	0.57	2.09	190
24766	4.412	8.03	914	<5	2.25	50	10	1.51	1.44	1040
24767	7.356	8.06	12.2	52	0.13	20	10	0.79	1.37	13500
24768	6.346	8.41	14.5	59	0.20	30	6	0.96	1.67	11800
24769	5.242	8.14	8.9	66	0.25	10	10	0.61	1.26	6290
24770	5.190	7.14	144	<5	0.36	20	<5	0.40	4.77	220
24771	6.774	8.48	100	139	0.30	30	10	0.65	0.86	1380
24772	5.010	7.53	17.1	195	0.30	10	<5	0.34	0.15	30
24773	10.684	3.86	13.7	149	0.20	10	6	0.41	0.18	30
24774	2.634	9.31	26.0	81	0.33	20	7	0.84	0.73	12300
24775	6.682	8.68	25.2	179	0.14	20	12	0.53	0.72	5610
24776	8.318	8.21	17.5	195	0.21	<10	<5	0.48	0.40	3870
24777	9.804	6.80	5.6	239	0.18	20	7	0.33	0.22	80
24778	8.636	3.37	3.5	65	0.13	10	<5	0.37	0.19	110
24779	10.342	7.69	68.7	180	0.19	40	15	0.61	0.58	2530
24780	8.606	8.20	57.0	174	0.21	20	12	0.44	0.52	1050
24781	8.002	9.71	14.7	256	0.35	<10	14	0.25	0.15	30
24782	10.258	9.80	19.4	217	0.36	<10	8	0.30	0.33	670
24783	5.668	9.30	61.7	506	0.25	10	10	0.54	0.44	1960
24784	5.372	10.1	37.9	489	0.48	<10	9	0.28	0.54	140
24785	10.328	9.93	23.2	808	0.32	<10	14	0.34	0.50	140
24786	9.380	9.13	24.3	227	0.22	<10	<5	0.40	0.35	70
24787	2.262	6.68	10.2	185	0.20	10	<5	0.35	0.02	10
*Rep 24762		7.10	107	15	0.25	10	6	0.41	3.11	6090
*Rep 24775		8.50	25.2	169	0.15	30	10	0.50	0.71	5530
*Rep 24787		6.93	8.5	200	0.16	10	<5	0.35	<0.01	10

SGS Canada Inc. | Mineral Services 1885 Leslie Street Toronto t(416) 445-5755 f(416) 445-4152 www.ca.sgs.com

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Final : TO107720 Order: Project: International-Lithium

Element	Mg	Mn	Ni	P	Sc	Sr	Ti	V	Zn	Ag
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.01	10	5	0.01	5	0.1	0.01	5	5	1
Units	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
24751	0.03	1210	<5	0.02	<5	21.3	0.05	<5	45	<1
24752	0.04	1060	<5	0.03	<5	16.1	0.05	<5	97	<1
24753	0.04	440	<5	0.01	<5	29.7	0.05	<5	71	<1
24754	0.04	900	7	0.04	<5	24.5	0.05	<5	60	<1
24755	0.03	330	<5	0.02	<5	57.1	0.05	<5	14	<1
24756	0.03	630	<5	0.01	<5	13.3	0.05	<5	131	<1
24757	0.02	840	<5	0.01	<5	30.7	<0.01	<5	40	<1
24758	0.02	810	<5	0.03	<5	26.4	<0.01	<5	37	<1
24759	0.02	770	<5	0.02	<5	18.2	<0.01	<5	50	<1
24760	0.03	520	<5	0.04	<5	25.0	<0.01	<5	44	<1
24761	0.02	1220	<5	0.06	<5	29.3	<0.01	<5	70	<1
24762	0.02	440	<5	0.05	<5	116	<0.01	<5	50	<1
24763	0.03	820	<5	0.03	<5	31.1	<0.01	<5	43	<1
24764	0.02	740	5	0.03	<5	33.0	<0.01	<5	129	<1
24765	0.02	540	<5	0.02	<5	42.1	<0.01	<5	24	<1
24766	0.57	180	20	0.06	<5	1110	0.23	33	61	<1
24767	0.03	1000	<5	0.01	<5	24.9	<0.01	<5	131	<1
24768	0.03	1270	<5	0.02	<5	33.6	<0.01	<5	73	<1
24769	0.03	1030	<5	0.04	<5	25.4	<0.01	<5	50	<1
24770	0.05	240	100	0.03	<5	91.8	0.01	<5	38	<1
24771	0.06	1100	12	0.02	<5	60.0	<0.01	<5	46	<1
24772	0.03	820	<5	0.01	<5	31.4	<0.01	<5	30	<1
24773	0.02	240	<5	<0.01	<5	22.5	<0.01	<5	14	<1
24774	0.03	1030	<5	0.01	<5	33.7	<0.01	8	43	<1
24775	0.02	2960	<5	0.01	<5	30.3	<0.01	<5	99	<1
24776	0.04	1130	<5	0.02	<5	24.4	0.01	6	109	<1
24777	0.02	1490	<5	0.02	<5	22.8	<0.01	<5	33	<1
24778	0.01	490	15	0.01	<5	15.9	<0.01	<5	28	<1
24779	0.04	2620	11	0.02	<5	37.6	<0.01	9	105	<1
24780	0.04	1530	<5	0.02	<5	31.0	<0.01	<5	49	<1
24781	0.03	620	5	0.02	<5	51.5	<0.01	<5	22	<1
24782	0.04	1150	<5	0.02	<5	48.3	<0.01	<5	20	<1
24783	0.04	1240	<5	0.02	<5	74.9	<0.01	<5	55	<1
24784	0.04	810	<5	0.02	<5	70.2	<0.01	<5	20	<1
24785	0.04	1090	<5	0.01	<5	96.9	<0.01	<5	27	<1
24786	0.03	650	<5	0.02	<5	38.3	<0.01	<5	37	<1
24787	0.02	1180	<5	0.02	<5	21.3	<0.01	<5	21	<1
*Rep 24762	0.02	430	<5	0.05	<5	119	<0.01	<5	46	<1
*Rep 24775	0.02	2910	5	0.01	<5	29.5	<0.01	<5	101	<1
*Rep 24787	0.03	1280	<5	0.02	<5	20.0	<0.01	<5	25	<1

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Element	As	Bi	Cd	Ce	Co	Cs	Dy	Er	Eu	Ga
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	5	0.1	0.2	0.1	0.5	0.1	0.05	0.05	0.05	1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24751	<5	0.4	<0.2	1.3	5.6	65.1	0.58	0.11	<0.05	52
24752	<5	0.3	0.3	2.1	3.0	49.2	0.69	0.11	<0.05	56
24753	<5	8.6	0.3	0.7	5.1	70.4	0.06	<0.05	<0.05	33
24754	<5	5.4	<0.2	1.9	4.0	54.6	0.54	0.07	0.05	40
24755	<5	1.8	<0.2	0.6	4.5	113	0.10	<0.05	<0.05	36
24756	<5	1.2	0.5	1.2	8.9	33.2	0.15	<0.05	<0.05	32
24757	<5	3.3	<0.2	0.5	1.9	53.8	0.14	<0.05	<0.05	44
24758	<5	0.7	<0.2	1.9	7.5	41.1	0.34	<0.05	<0.05	44
24759	<5	4.7	<0.2	1.2	1.5	24.5	0.23	<0.05	<0.05	44
24760	<5	4.2	<0.2	1.6	2.5	61.8	0.41	0.08	<0.05	38
24761	<5	0.8	0.2	2.5	5.0	29.2	0.68	0.08	<0.05	51
24762	<5	1.0	<0.2	2.2	3.7	54.3	0.18	<0.05	0.07	35
24763	<5	9.7	<0.2	1.5	11.0	66.7	0.41	0.06	<0.05	39
24764	<5	2.5	0.4	1.2	8.9	64.0	0.23	<0.05	<0.05	42
24765	<5	10.1	0.2	1.5	1.5	31.5	0.32	<0.05	<0.05	44
24766	<5	0.2	<0.2	51.2	5.1	19.1	0.97	0.36	1.02	20
24767	<5	6.7	0.3	0.7	21.0	34.1	0.19	<0.05	<0.05	50
24768	<5	4.7	<0.2	1.3	3.8	35.9	0.28	<0.05	<0.05	53
24769	<5	2.1	<0.2	2.0	8.0	31.6	0.58	0.07	<0.05	46
24770	<5	7.6	<0.2	1.6	3.5	101	0.06	<0.05	0.06	29
24771	<5	1.0	<0.2	1.5	8.2	19.3	0.15	<0.05	0.10	44
24772	<5	0.3	<0.2	0.9	8.0	9.7	0.13	<0.05	0.07	35
24773	<5	0.3	<0.2	1.0	4.0	4.8	0.06	<0.05	0.07	20
24774	<5	0.3	<0.2	0.5	3.8	37.2	<0.05	<0.05	<0.05	60
24775	<5	4.4	<0.2	1.0	13.2	31.6	0.13	<0.05	<0.05	50
24776	<5	2.7	<0.2	0.9	7.2	20.5	0.10	<0.05	<0.05	42
24777	<5	1.5	<0.2	1.0	2.0	21.6	0.10	<0.05	<0.05	31
24778	<5	11.3	<0.2	0.5	7.3	8.5	0.05	<0.05	<0.05	16
24779	6	4.5	0.3	0.7	0.7	20.4	0.14	<0.05	<0.05	38
24780	<5	8.3	<0.2	0.9	0.7	13.4	0.17	<0.05	0.05	38
24781	<5	0.7	<0.2	0.9	3.1	11.8	0.12	<0.05	<0.05	40
24782	<5	0.7	<0.2	0.9	6.2	18.4	0.13	<0.05	<0.05	45
24783	<5	1.2	<0.2	1.0	4.1	17.5	0.08	<0.05	<0.05	43
24784	<5	1.2	<0.2	0.6	1.2	29.4	<0.05	<0.05	<0.05	48
24785	<5	1.4	<0.2	0.9	1.4	34.6	0.10	<0.05	<0.05	49
24786	<5	2.7	0.2	0.9	1.7	9.3	0.16	<0.05	0.07	40
24787	<5	0.9	<0.2	0.8	0.6	2.9	0.20	<0.05	0.05	28
*Rep 24762	<5	1.2	<0.2	2.1	4.0	50.6	0.18	<0.05	0.07	32
*Rep 24775	<5	4.9	0.2	0.8	13.8	31.0	0.11	<0.05	<0.05	49
*Rep 24787	<5	1.0	<0.2	0.9	0.6	2.8	0.18	0.05	0.05	29

Element	Gd	Ge	Hf	Ho	In	La	Lu	Mo	Nb	Nd
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.05	1	1	0.05	0.2	0.1	0.05	2	1	0.1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24751	0.56	4	2	0.05	<0.2	0.6	0.06	3	60	0.6
24752	0.83	4	3	0.06	<0.2	0.9	0.05	<2	72	0.9
24753	0.17	4	3	<0.05	<0.2	0.3	<0.05	5	15	0.3
24754	0.71	4	2	<0.05	<0.2	0.9	<0.05	5	66	1.0
24755	0.16	4	4	<0.05	<0.2	0.4	<0.05	<2	19	0.3
24756	0.31	3	7	<0.05	<0.2	1.0	<0.05	<2	38	0.7
24757	0.17	4	2	<0.05	<0.2	0.2	<0.05	10	27	0.2
24758	0.96	4	5	<0.05	<0.2	0.7	<0.05	<2	120	0.8
24759	0.43	3	7	<0.05	<0.2	0.5	0.06	<2	137	0.5
24760	0.56	4	3	<0.05	<0.2	0.6	0.05	<2	99	0.8
24761	1.38	4	4	<0.05	<0.2	0.9	0.05	<2	71	1.2
24762	0.40	3	<1	<0.05	<0.2	1.1	0.07	<2	13	0.8
24763	0.97	4	3	<0.05	<0.2	0.6	<0.05	<2	63	0.7
24764	0.54	4	<1	<0.05	<0.2	0.5	<0.05	4	54	0.5
24765	0.32	3	3	<0.05	<0.2	0.8	0.06	8	69	0.9
24766	2.43	<1	4	0.16	<0.2	24.3	0.08	<2	5	23.7
24767	0.28	4	1	<0.05	<0.2	0.4	<0.05	3	58	0.3
24768	0.49	4	2	<0.05	<0.2	0.6	<0.05	<2	67	0.6
24769	0.70	4	3	<0.05	<0.2	1.0	<0.05	<2	76	1.0
24770	0.10	3	<1	<0.05	<0.2	1.0	<0.05	<2	58	1.0
24771	0.23	3	3	<0.05	<0.2	0.6	0.15	<2	60	0.8
24772	0.18	3	2	<0.05	<0.2	0.4	<0.05	<2	54	0.5
24773	0.18	3	2	<0.05	<0.2	0.5	<0.05	<2	43	0.7
24774	0.06	4	2	<0.05	<0.2	0.3	0.07	<2	46	0.2
24775	0.15	5	5	<0.05	<0.2	0.5	<0.05	<2	64	0.3
24776	0.14	4	2	<0.05	<0.2	0.4	<0.05	<2	71	0.4
24777	0.14	4	3	<0.05	<0.2	0.5	<0.05	<2	49	0.3
24778	0.06	2	2	<0.05	<0.2	0.3	<0.05	<2	24	0.2
24779	0.20	5	3	<0.05	<0.2	0.3	0.09	<2	53	0.4
24780	0.25	4	5	<0.05	<0.2	0.3	<0.05	<2	51	0.4
24781	0.14	4	4	<0.05	<0.2	0.5	0.06	<2	84	0.4
24782	0.15	4	5	<0.05	<0.2	0.5	<0.05	<2	82	0.4
24783	0.18	4	2	<0.05	<0.2	0.5	<0.05	27	61	0.5
24784	0.06	4	4	<0.05	<0.2	0.4	<0.05	<2	48	0.2
24785	0.16	4	3	<0.05	<0.2	0.4	<0.05	<2	79	0.3
24786	0.20	3	4	<0.05	<0.2	0.4	<0.05	<2	62	0.6
24787	0.30	4	4	<0.05	<0.2	0.3	<0.05	3	68	0.6
*Rep 24762	0.38	3	<1	<0.05	<0.2	1.0	0.07	<2	13	0.9
*Rep 24775	0.14	4	5	<0.05	<0.2	0.5	<0.05	<2	65	0.3
*Rep 24787	0.30	4	4	<0.05	<0.2	0.3	<0.05	3	63	0.6

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Final : TO107720 Order: Project: International-Lithium

Element	Pb	Pr	Rb	Sb	Sm	Sn	Ta	Tb	Th	Tl
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	5	0.05	0.2	0.1	0.1	1	0.5	0.05	0.1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24751	<5	0.17	537	0.2	0.5	8	46.1	0.14	1.6	4.3
24752	<5	0.27	473	0.2	0.9	9	55.9	0.20	1.6	3.3
24753	5	0.09	978	0.4	0.2	5	21.4	<0.05	1.3	8.7
24754	7	0.30	1200	0.2	0.8	4	58.0	0.17	1.3	10.3
24755	18	0.08	2350	0.2	0.1	2	23.2	<0.05	1.5	23.0
24756	<5	0.21	398	0.2	0.4	6	48.3	0.05	6.0	3.7
24757	6	0.06	1070	0.2	0.2	16	22.7	<0.05	0.5	9.9
24758	<5	0.25	568	0.2	0.9	11	96.5	0.13	3.2	5.0
24759	<5	0.14	399	0.2	0.5	7	91.4	0.08	2.3	3.3
24760	6	0.22	759	1.1	0.6	3	70.3	0.12	1.9	6.6
24761	10	0.35	545	0.2	1.4	7	45.4	0.25	1.0	4.7
24762	11	0.24	1240	0.2	0.4	5	14.7	0.07	0.7	12.2
24763	7	0.21	1240	0.2	0.8	6	51.8	0.15	1.2	11.3
24764	10	0.15	1120	0.3	0.4	7	50.6	0.08	0.4	10.6
24765	6	0.24	772	0.3	0.4	6	62.0	0.07	3.2	6.5
24766	12	6.26	90.1	0.2	4.2	<1	6.9	0.27	3.6	0.8
24767	<5	0.09	625	0.2	0.2	13	31.4	0.05	0.3	5.4
24768	<5	0.17	741	0.2	0.5	11	43.1	0.08	0.7	6.3
24769	<5	0.29	543	0.1	0.6	5	70.2	0.14	1.4	4.2
24770	13	0.24	1630	0.2	0.2	2	45.7	<0.05	1.1	16.2
24771	<5	0.20	269	0.2	0.3	8	97.9	<0.05	4.4	1.7
24772	<5	0.12	44.4	0.2	0.2	<1	83.3	<0.05	1.7	<0.5
24773	<5	0.14	58.6	0.2	0.2	2	80.5	<0.05	3.1	0.6
24774	<5	0.05	320	0.2	<0.1	15	103	<0.05	3.2	2.2
24775	6	0.11	257	0.2	0.2	9	72.5	<0.05	3.1	1.6
24776	<5	0.12	120	0.2	0.2	7	83.4	<0.05	2.5	0.9
24777	<5	0.11	65.7	0.5	0.1	1	80.6	<0.05	2.4	<0.5
24778	<5	0.06	61.8	0.3	<0.1	7	72.1	<0.05	1.3	0.7
24779	<5	0.10	153	0.3	0.2	5	84.8	<0.05	2.0	1.0
24780	<5	0.13	116	0.2	0.2	3	81.6	0.05	3.1	0.8
24781	11	0.11	40.8	0.2	0.1	2	129	<0.05	3.5	<0.5
24782	6	0.11	113	0.2	0.1	3	156	<0.05	3.2	0.8
24783	7	0.13	141	0.8	0.2	4	109	<0.05	3.0	1.0
24784	8	0.08	236	0.2	<0.1	6	93.0	<0.05	3.1	1.6
24785	7	0.12	183	0.3	0.1	8	108	<0.05	4.0	1.2
24786	8	0.13	105	0.2	0.2	3	105	<0.05	2.9	0.8
24787	10	0.14	4.1	0.2	0.2	<1	99.1	0.06	2.2	<0.5
*Rep 24762	9	0.23	1210	0.2	0.4	3	13.3	0.07	0.5	11.4
*Rep 24775	<5	0.09	256	0.2	0.1	9	71.3	<0.05	3.2	1.6
*Rep 24787	11	0.14	9.3	0.2	0.2	<1	96.5	0.06	1.8	<0.5

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Final : TO107720 Order: Project: International-Lithium

Element	Tm	U	W	Y	Yb	Zr
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.05	0.05	1	0.5	0.1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm
24751	<0.05	2.80	<1	2.5	0.2	15.4
24752	<0.05	6.35	<1	2.7	0.1	18.1
24753	<0.05	1.43	<1	<0.5	<0.1	10.6
24754	<0.05	1.74	<1	2.2	0.1	13.0
24755	<0.05	1.85	<1	<0.5	<0.1	16.8
24756	<0.05	2.52	<1	0.6	<0.1	27.8
24757	<0.05	1.19	<1	<0.5	<0.1	9.1
24758	<0.05	2.67	<1	1.2	<0.1	27.2
24759	<0.05	3.06	<1	0.9	<0.1	42.6
24760	<0.05	2.67	<1	1.7	<0.1	21.5
24761	<0.05	1.78	<1	2.5	<0.1	24.1
24762	<0.05	0.93	<1	0.7	<0.1	1.7
24763	<0.05	2.04	<1	1.4	<0.1	15.6
24764	<0.05	0.51	<1	0.7	<0.1	2.7
24765	<0.05	1.93	<1	1.1	<0.1	15.1
24766	0.05	1.64	<1	4.0	0.3	128
24767	<0.05	1.07	<1	0.6	<0.1	9.0
24768	<0.05	1.46	<1	1.1	<0.1	14.8
24769	<0.05	1.97	<1	2.0	0.1	17.1
24770	<0.05	0.65	<1	<0.5	<0.1	1.2
24771	<0.05	2.00	<1	0.8	<0.1	16.0
24772	<0.05	1.16	<1	0.6	<0.1	7.1
24773	<0.05	1.28	<1	<0.5	<0.1	6.7
24774	<0.05	1.34	<1	<0.5	<0.1	4.5
24775	<0.05	2.27	<1	0.5	<0.1	26.5
24776	<0.05	1.81	<1	<0.5	<0.1	10.7
24777	<0.05	1.64	<1	0.6	<0.1	17.2
24778	<0.05	1.19	<1	<0.5	<0.1	6.5
24779	<0.05	2.83	<1	0.8	<0.1	16.7
24780	<0.05	3.54	<1	1.1	<0.1	25.8
24781	<0.05	2.68	<1	0.6	<0.1	20.1
24782	<0.05	2.67	<1	0.6	<0.1	25.0
24783	<0.05	3.34	<1	<0.5	<0.1	9.1
24784	<0.05	1.98	<1	<0.5	<0.1	14.9
24785	<0.05	2.16	<1	<0.5	<0.1	12.6
24786	<0.05	2.55	<1	0.9	<0.1	18.9
24787	<0.05	3.19	<1	0.9	<0.1	18.2
*Rep 24762	<0.05	0.94	<1	0.8	<0.1	2.3
*Rep 24775	<0.05	2.50	<1	0.6	<0.1	24.4
*Rep 24787	<0.05	3.04	<1	0.9	<0.1	16.9

Certificate of Analysis

Work Order: TO107476

To: **COD SGS Minerals**
COD SGS Minerals
1885 Leslie St
Toronto
ON M3B 2M3

Date: Dec 04, 2009

P.O. No.	:	Project: Lithium; GEON
Project No.	:	-
No. Of Samples	:	33
Date Submitted	:	Sep 17, 2009
Report Comprises	:	Pages 1 to 7 (Inclusive of Cover Sheet)

Distribution of unused material:
STORE:

Certified By : ____________________
Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	–	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element	WtKg	Al	Ba	Be	Ca	Cr	Cu	Fe	K	Li
Method	WGH79	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.001	0.01	0.5	5	0.01	10	5	0.01	0.01	10
Units	kg	%	ppm	ppm	%	ppm	ppm	%	%	ppm
24701	8.770	7.93	156	11	0.45	20	9	0.36	3.78	30
24702	7.648	6.52	72.2	243	0.73	30	<5	0.95	1.80	3810
24703	7.924	6.85	9.3	198	0.28	30	5	0.75	2.30	4750
24704	5.982	7.83	14.1	222	0.29	20	6	0.80	2.52	7880
24705	5.680	7.39	45.2	214	0.31	20	8	1.03	2.49	5170
24706	4.270	6.08	26.7	121	0.31	20	14	0.62	2.72	80
24707	11.116	7.00	10.8	187	0.27	50	6	0.63	2.86	3780
24708	5.952	7.52	29.9	163	0.33	20	10	1.22	1.81	4080
24709	3.652	7.29	5.2	201	0.30	30	6	1.10	1.12	7660
24710	3.844	6.42	21.6	131	0.31	10	<5	0.51	3.23	160
24711	8.478	7.13	21.9	260	0.30	10	<5	0.77	2.99	160
24712	4.546	7.88	11.9	183	0.28	20	<5	1.01	1.89	8250
24713	7.254	8.08	42.4	124	0.35	20	5	0.50	4.18	3560
24714	4.816	6.72	4.2	327	0.32	10	8	0.93	1.15	6550
24715	4.414	7.94	17.3	186	0.29	20	6	0.80	2.63	6940
24716	4.296	7.93	68.8	138	0.38	10	13	0.69	2.64	4760
24717	9.508	7.54	7.5	271	0.30	40	8	0.96	1.85	7530
24718	10.404	7.73	237	220	0.55	20	<5	0.92	2.87	4590
24719	6.058	8.44	9.0	173	0.37	30	25	0.75	1.61	11100
24720	5.898	7.48	2.4	241	0.27	10	7	1.12	1.79	6310
24721	6.674	7.81	76.0	124	0.36	10	22	0.75	3.28	1690
24722	7.110	7.82	13.4	217	0.31	20	18	0.62	1.66	3910
24723	4.716	7.75	27.2	195	0.26	10	10	1.11	2.30	5770
24724	6.670	7.90	33.9	93	0.34	10	7	0.51	2.84	50
24725	8.004	8.23	616	11	1.77	30	14	1.44	1.64	460
24726	1.640	7.06	85.7	6	0.39	10	<5	0.37	4.00	50
24727	5.232	6.49	13.9	223	<0.01	30	6	0.70	1.88	90
24728	9.394	5.54	22.8	133	0.30	10	21	0.76	1.97	60
24729	8.052	6.76	9.8	224	0.28	10	6	0.99	1.88	4710
24730	6.584	9.20	20.0	205	0.30	40	6	1.06	2.16	9130
24731	5.640	7.55	12.2	231	0.27	20	<5	0.74	2.48	6250
24732	4.310	9.67	17.4	193	0.41	10	<5	0.99	1.74	10600
24733	7.684	6.55	26.0	65	0.35	20	6	0.50	3.36	40
*Rep 24711		7.31	22.1	277	0.32	<10	<5	0.74	3.07	170
*Rep 24723		8.01	27.1	200	0.29	20	10	1.23	2.45	6110
*Rep 24733		6.68	27.0	57	0.37	20	<5	0.50	3.52	40

Element	Mg	Mn	Ni	P	Sc	Sr	Ti	V	Zn	Ag
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.01	10	5	0.01	5	0.1	0.01	5	5	1
Units	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
24701	0.04	130	<5	<0.01	<5	126	<0.01	<5	36	<1
24702	0.07	410	<5	0.02	<5	78.5	<0.01	6	68	<1
24703	0.02	520	<5	0.01	<5	38.6	<0.01	6	46	<1
24704	0.02	610	<5	0.01	<5	40.8	<0.01	<5	71	<1
24705	0.03	550	<5	0.02	<5	57.7	<0.01	6	54	<1
24706	<0.01	750	<5	<0.01	<5	57.0	<0.01	<5	51	<1
24707	0.02	400	<5	0.02	<5	39.0	<0.01	8	42	<1
24708	0.02	590	<5	0.01	<5	45.6	<0.01	<5	69	<1
24709	0.02	600	<5	0.01	<5	30.3	<0.01	7	44	<1
24710	0.02	250	<5	<0.01	<5	51.5	<0.01	9	23	<1
24711	0.02	370	<5	0.01	<5	55.1	<0.01	10	27	<1
24712	0.02	580	<5	0.02	<5	35.2	<0.01	6	73	<1
24713	0.02	430	<5	0.02	<5	76.1	<0.01	5	29	<1
24714	0.02	450	6	0.02	<5	33.6	<0.01	9	52	<1
24715	0.01	520	<5	0.01	<5	40.6	<0.01	7	45	<1
24716	0.04	440	<5	0.02	<5	93.4	0.01	6	49	<1
24717	<0.01	540	<5	<0.01	<5	36.3	<0.01	5	65	<1
24718	0.07	410	<5	0.02	<5	168	0.03	6	49	<1
24719	0.03	870	7	0.01	<5	28.9	<0.01	9	64	<1
24720	0.01	550	<5	<0.01	<5	31.3	<0.01	<5	68	<1
24721	0.04	320	<5	0.02	<5	91.6	<0.01	6	48	<1
24722	0.01	650	<5	0.01	<5	41.0	<0.01	5	61	<1
24723	0.01	610	<5	0.01	<5	42.2	<0.01	6	68	<1
24724	<0.01	2410	13	<0.01	<5	68.6	<0.01	<5	24	<1
24725	0.53	650	9	0.06	<5	591	0.18	36	91	<1
24726	0.03	660	<5	0.01	<5	97.6	<0.01	<5	13	<1
24727	0.02	760	<5	0.02	<5	24.7	<0.01	7	37	<1
24728	0.02	810	7	0.01	<5	44.5	<0.01	<5	30	<1
24729	0.01	550	<5	0.01	<5	31.4	<0.01	10	79	<1
24730	0.03	740	<5	0.02	<5	28.2	<0.01	8	76	<1
24731	0.01	780	<5	0.02	<5	27.2	<0.01	8	66	<1
24732	0.02	890	8	0.01	<5	53.9	<0.01	11	116	<1
24733	<0.01	350	<5	0.01	<5	65.1	<0.01	<5	17	<1
*Rep 24711	0.02	370	<5	<0.01	<5	58.4	<0.01	11	27	<1
*Rep 24723	0.02	640	<5	0.01	<5	42.3	<0.01	7	59	<1
*Rep 24733	<0.01	340	<5	0.01	<5	70.5	<0.01	<5	22	<1

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Element	As	Bi	Cd	Ce	Co	Cs	Dy	Er	Eu	Ga
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	5	0.1	0.2	0.1	0.5	0.1	0.05	0.05	0.05	1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24701	<5	4.1	<0.2	1.8	0.9	54.8	0.08	<0.05	0.05	43
24702	<5	118	<0.2	2.7	2.5	62.2	0.08	<0.05	<0.05	39
24703	<5	92.6	<0.2	1.2	3.4	82.0	0.06	<0.05	<0.05	44
24704	<5	323	<0.2	1.1	5.8	76.3	<0.05	<0.05	<0.05	48
24705	<5	177	<0.2	1.5	6.9	81.5	0.06	<0.05	<0.05	44
24706	<5	34.4	<0.2	6.6	8.7	70.8	0.54	0.05	0.08	59
24707	<5	490	<0.2	0.9	3.1	87.2	<0.05	<0.05	<0.05	42
24708	<5	250	<0.2	1.2	7.7	68.9	<0.05	<0.05	<0.05	52
24709	<5	269	0.2	0.9	11.0	55.4	<0.05	<0.05	<0.05	54
24710	<5	144	<0.2	1.4	2.0	124	0.05	0.06	<0.05	37
24711	<5	94.3	<0.2	0.9	2.6	150	0.05	<0.05	<0.05	46
24712	<5	533	<0.2	1.7	2.3	67.6	<0.05	<0.05	<0.05	49
24713	<5	108	<0.2	1.2	1.3	140	0.07	<0.05	<0.05	42
24714	<5	93.0	<0.2	0.4	5.6	84.8	<0.05	<0.05	<0.05	46
24715	<5	224	<0.2	0.5	7.4	86.7	<0.05	<0.05	<0.05	44
24716	<5	138	<0.2	3.8	9.2	83.1	0.07	<0.05	0.06	49
24717	<5	159	<0.2	0.7	14.2	71.4	<0.05	<0.05	<0.05	48
24718	<5	65.4	<0.2	7.7	3.3	88.1	0.24	0.06	0.13	42
24719	<5	218	<0.2	1.1	30.5	65.2	0.07	<0.05	<0.05	60
24720	<5	63.5	<0.2	1.7	4.5	73.5	<0.05	<0.05	<0.05	43
24721	<5	48.5	<0.2	2.5	23.1	114	0.09	<0.05	0.05	43
24722	<5	243	<0.2	1.1	7.6	63.0	<0.05	<0.05	<0.05	45
24723	<5	884	<0.2	1.0	8.8	82.7	<0.05	<0.05	<0.05	49
24724	<5	55.5	0.6	6.1	0.7	67.9	1.97	0.21	0.16	58
24725	<5	3.2	<0.2	43.2	5.8	68.0	1.15	0.36	0.72	33
24726	<5	46.1	<0.2	4.2	1.7	56.3	0.45	0.07	0.06	45
24727	<5	13.9	<0.2	2.5	7.1	59.5	0.06	<0.05	<0.05	40
24728	<5	11.1	<0.2	2.4	13.4	50.8	0.07	<0.05	<0.05	29
24729	<5	43.3	<0.2	0.7	5.2	99.8	<0.05	<0.05	<0.05	49
24730	<5	116	<0.2	0.6	4.3	57.1	<0.05	<0.05	<0.05	50
24731	<5	54.1	<0.2	0.8	9.8	62.1	<0.05	<0.05	<0.05	41
24732	<5	63.9	<0.2	1.1	0.6	77.0	0.07	<0.05	<0.05	61
24733	<5	440	<0.2	1.7	2.0	74.2	0.34	0.05	0.05	48
*Rep 24711	<5	85.2	<0.2	1.1	3.3	153	0.05	<0.05	<0.05	48
*Rep 24723	<5	843	<0.2	1.0	7.4	80.6	<0.05	<0.05	<0.05	50
*Rep 24733	<5	422	<0.2	1.5	2.3	72.9	0.36	<0.05	<0.05	48

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Final : TO107476 Order: Project: Lithium; GEON

Element	Gd	Ge	Hf	Ho	In	La	Lu	Mo	Nb	Nd
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.05	1	1	0.05	0.2	0.1	0.05	2	1	0.1
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24701	0.26	4	4	<0.05	<0.2	1.1	<0.05	<2	13	1.1
24702	0.21	3	<1	<0.05	<0.2	1.3	<0.05	<2	40	1.3
24703	0.15	3	2	<0.05	<0.2	0.6	<0.05	<2	58	0.7
24704	0.19	3	<1	<0.05	<0.2	0.6	<0.05	<2	120	0.7
24705	0.21	3	1	<0.05	<0.2	1.1	<0.05	<2	63	1.1
24706	1.69	4	6	<0.05	<0.2	2.6	<0.05	<2	68	3.7
24707	0.11	3	<1	<0.05	<0.2	0.5	<0.05	<2	66	0.6
24708	0.18	3	1	<0.05	<0.2	0.7	<0.05	<2	74	0.7
24709	0.19	4	<1	<0.05	<0.2	0.8	0.10	<2	58	0.7
24710	0.10	3	<1	<0.05	<0.2	0.8	<0.05	<2	80	0.7
24711	0.21	3	1	<0.05	<0.2	0.7	<0.05	<2	87	0.6
24712	0.21	3	<1	<0.05	<0.2	1.2	<0.05	<2	61	1.3
24713	0.20	3	1	<0.05	<0.2	0.8	<0.05	<2	51	0.8
24714	0.07	3	<1	<0.05	<0.2	0.2	<0.05	<2	52	0.2
24715	0.06	3	<1	<0.05	<0.2	0.3	<0.05	<2	92	0.3
24716	0.27	3	<1	<0.05	<0.2	1.8	<0.05	<2	57	1.7
24717	0.14	4	1	<0.05	<0.2	0.4	<0.05	<2	117	0.4
24718	0.53	3	2	<0.05	<0.2	4.1	0.06	<2	50	4.2
24719	0.15	3	1	<0.05	<0.2	0.6	<0.05	<2	137	0.7
24720	0.17	3	<1	<0.05	<0.2	0.7	<0.05	<2	68	0.9
24721	0.18	3	<1	<0.05	<0.2	1.6	<0.05	<2	54	1.6
24722	0.21	3	1	<0.05	<0.2	0.5	0.18	<2	72	0.7
24723	0.19	3	<1	<0.05	<0.2	0.6	0.07	<2	64	0.6
24724	3.48	5	15	0.14	<0.2	2.6	0.06	3	59	4.8
24725	2.40	2	4	0.17	<0.2	18.0	0.11	<2	21	18.6
24726	1.16	4	3	<0.05	<0.2	2.0	<0.05	<2	22	2.4
24727	0.28	3	4	<0.05	<0.2	1.3	<0.05	<2	99	1.4
24728	0.26	3	3	<0.05	<0.2	1.1	<0.05	<2	65	1.2
24729	0.09	3	2	<0.05	<0.2	0.8	<0.05	<2	64	0.3
24730	0.09	3	2	<0.05	<0.2	0.3	<0.05	<2	72	0.4
24731	0.08	3	2	<0.05	<0.2	1.1	<0.05	<2	98	0.8
24732	0.21	4	2	<0.05	<0.2	0.4	<0.05	<2	110	0.5
24733	0.73	4	3	<0.05	<0.2	0.7	0.05	4	62	0.9
*Rep 24711	0.20	4	<1	<0.05	<0.2	0.7	<0.05	<2	93	0.7
*Rep 24723	0.17	4	<1	<0.05	<0.2	0.5	<0.05	<2	60	0.7
*Rep 24733	0.63	4	3	<0.05	<0.2	0.7	0.05	4	68	0.8

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Element	Pb	Pr	Rb	Sb	Sm	Sn	Ta	Tb	Th	Tl
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	5	0.05	0.2	0.1	0.1	1	0.5	0.05	0.1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
24701	12	0.27	1380	<0.1	0.4	<1	18.2	<0.05	0.9	10.6
24702	<5	0.33	981	<0.1	0.4	3	16.9	<0.05	0.8	6.9
24703	6	0.17	1390	0.1	0.4	4	32.4	<0.05	1.2	10.6
24704	<5	0.20	1440	<0.1	0.5	4	45.6	<0.05	1.7	10.7
24705	7	0.29	1280	<0.1	0.4	4	34.4	<0.05	1.1	9.3
24706	21	1.02	2380	0.2	2.0	9	58.0	0.20	3.4	20.7
24707	7	0.15	1540	<0.1	0.5	5	24.3	<0.05	3.2	11.6
24708	6	0.22	1010	0.2	0.3	6	29.6	<0.05	1.7	6.9
24709	11	0.20	594	0.3	0.3	7	25.3	<0.05	1.8	4.2
24710	10	0.17	1720	<0.1	<0.1	5	48.2	<0.05	1.0	13.3
24711	10	0.20	1600	0.1	0.3	5	43.6	<0.05	1.4	11.0
24712	6	0.36	975	0.5	0.7	5	30.9	<0.05	3.3	7.5
24713	9	0.21	2330	0.2	0.3	4	38.6	<0.05	0.9	18.3
24714	22	0.06	633	0.1	<0.1	5	36.9	<0.05	0.5	4.5
24715	5	0.06	1260	<0.1	0.2	5	47.4	<0.05	1.0	9.8
24716	8	0.46	1420	0.2	0.5	4	24.3	<0.05	1.7	10.5
24717	<5	0.09	998	<0.1	0.3	4	44.2	<0.05	1.4	7.6
24718	9	1.07	1450	0.2	1.1	2	25.7	0.06	2.1	12.1
24719	<5	0.24	960	<0.1	0.5	7	58.7	<0.05	1.8	7.1
24720	<5	0.28	1040	<0.1	0.6	3	31.5	<0.05	2.3	7.9
24721	9	0.44	1910	0.1	0.5	4	23.1	<0.05	1.2	14.7
24722	<5	0.16	840	<0.1	0.5	3	43.6	<0.05	1.8	6.1
24723	11	0.18	1230	0.6	0.3	4	29.8	<0.05	1.4	9.1
24724	23	1.12	1520	0.2	2.4	3	47.1	0.62	4.7	12.4
24725	15	4.98	605	0.3	3.7	4	9.5	0.31	4.3	5.2
24726	18	0.56	2270	0.4	1.0	2	27.0	0.15	1.2	17.8
24727	6	0.35	887	<0.1	0.5	4	44.4	<0.05	2.1	6.0
24728	6	0.34	838	<0.1	0.5	3	36.6	<0.05	2.4	6.3
24729	8	0.06	1120	<0.1	0.2	6	33.0	<0.05	1.9	8.0
24730	5	0.10	1060	0.1	0.4	4	28.9	<0.05	1.1	8.0
24731	6	0.20	1040	1.1	0.2	3	48.3	<0.05	1.5	7.6
24732	9	0.14	845	<0.1	0.4	5	80.1	<0.05	1.9	6.8
24733	36	0.24	1980	0.3	0.6	3	51.7	0.12	1.4	16.6
*Rep 24711	10	0.20	1680	0.1	0.3	7	44.6	<0.05	1.8	11.7
*Rep 24723	12	0.17	1190	0.3	0.4	4	26.7	<0.05	1.9	8.7
*Rep 24733	36	0.25	1970	0.3	0.5	2	53.5	0.11	1.2	16.5

SGS

Final : TO107476 Order: Project: Lithium; GEON

Element	Tm	U	W	Y	Yb	Zr
Method	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A	@ICM90A
Det.Lim.	0.05	0.05	1	0.5	0.1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm
24701	<0.05	2.94	<1	0.8	<0.1	25.2
24702	<0.05	1.44	<1	<0.5	<0.1	7.7
24703	<0.05	2.41	<1	<0.5	<0.1	11.1
24704	<0.05	2.34	<1	<0.5	<0.1	6.1
24705	<0.05	2.61	<1	<0.5	<0.1	8.9
24706	<0.05	2.47	<1	4.1	<0.1	17.6
24707	<0.05	5.01	<1	<0.5	<0.1	4.4
24708	<0.05	3.92	<1	<0.5	<0.1	11.0
24709	<0.05	2.53	<1	<0.5	<0.1	2.8
24710	<0.05	2.69	<1	<0.5	<0.1	7.8
24711	<0.05	2.99	<1	<0.5	<0.1	4.3
24712	<0.05	3.64	2	<0.5	<0.1	4.6
24713	<0.05	1.49	<1	<0.5	<0.1	8.8
24714	<0.05	1.10	<1	<0.5	<0.1	5.9
24715	<0.05	1.81	<1	<0.5	<0.1	3.1
24716	<0.05	2.21	<1	<0.5	<0.1	9.4
24717	<0.05	2.67	<1	<0.5	<0.1	5.1
24718	<0.05	2.04	<1	1.1	<0.1	19.1
24719	<0.05	3.91	<1	<0.5	<0.1	5.6
24720	<0.05	1.77	<1	<0.5	<0.1	5.1
24721	<0.05	1.42	<1	<0.5	<0.1	9.5
24722	<0.05	2.60	<1	<0.5	<0.1	7.5
24723	<0.05	5.03	<1	<0.5	<0.1	3.5
24724	<0.05	10.3	<1	17.7	0.2	62.8
24725	0.06	2.31	<1	6.7	0.3	96.1
24726	<0.05	3.26	<1	4.0	<0.1	17.9
24727	<0.05	10.2	<1	<0.5	<0.1	24.4
24728	<0.05	4.14	<1	<0.5	<0.1	16.1
24729	<0.05	4.12	<1	<0.5	<0.1	9.1
24730	<0.05	2.00	<1	<0.5	<0.1	8.2
24731	<0.05	3.37	<1	<0.5	<0.1	12.6
24732	<0.05	3.51	<1	<0.5	<0.1	10.9
24733	<0.05	4.77	<1	3.0	<0.1	8.0
*Rep 24711	<0.05	2.80	<1	<0.5	<0.1	4.0
*Rep 24723	<0.05	4.89	<1	<0.5	<0.1	2.4
*Rep 24733	<0.05	4.47	1	3.1	<0.1	8.3