Technical Review &
Evaluation of the Exploration Potential

of the
"LAC CHIBOUGAMAU" Mining Properties

in

McKenzie, Roy, Obalski and Lemoine Townships,
Abitibi Mining District
Province of Québec
NTS 32G-16

For

Chibougamau Independent Mines Inc.
and
Globex Mining Enterprises Inc.

Rouyn-Noranda, Province of Québec

Effective Date: August 16, 2012

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Date and Signature Page

The following report titled: **Technical Review (NI 43-101 compliant) and Evaluation of the Exploration Potential of the "LAC CHIBOUGAMAU" Mining Properties, McKenzie, Roy, Obalski and Lemoine Townships, Abitibi Mining District, Province of Québec, NTS 32G/16" and** dated August 16, 2012, has been prepared by Claude P. Larouche, *ing*. (OIQ), in accordance with Form 43-101F1, for Globex Mining Enterprises Inc. and Chibougamau Independent Mines Inc.

The Author takes responsibility for and has made the necessary investigation to be able to rely reasonably on the information contained in the present technical report. The information, conclusions, opinions, and estimates contained herein are based upon information made available to the author at the time of preparation of the report and its conclusions and recommendations are valid and appropriate considering the status of the project and the purpose for which the report is prepared.

The present report and the attached summary can be used by Globex Mining Enterprises Inc. and Chibougamau Independent Mines Inc. for any required filing with Canadian Securities Regulatory Authorities pursuant to National Standards of Disclosure for mineral projects and a copy of the report should be available at Globex's office for reference.

Effective Date: August 16, 2012

Signed on August 20, 2012

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1-) Summary

Jack Stoch, the President and Chief Executive Officer of Globex Mining Enterprises Inc. ("Globex"), retained the services of Claude P. Larouche, *ing*. (the "Author") to carry out a "Technical Review" on a recently acquired significant land package located within the Chibougamau Mining District, Province of Québec, Canada. These blocks of claims were acquired either by staking and/or map designation to cover a large and very prospective geological and structural section within the heart of the Chibougamau Mining District. Chibougamau Independent Mines Inc. ("CIM" or "the Company") is developing new exploration targets and is also looking at securing other promising exploration opportunities in the immediate area. Most of the Chibougamau "assets" will be transferred into Globex's new subsidiary, CIM.

The "Lac Chibougamau Properties" include the "Berrigan project" which was the object of a separate NI 43-101 compliant report (initially dated May 17, 2011 and amended and restated on August 15, 2012), five Cu-Au-Ag previous producers: Kokko Creek Mine (Cu-Au), Québec Chibougamau Goldfields Mine (Cu-Au-Ag), Bateman Bay Mine (Au-Ag-Cu), S-3 Zone (Au-Cu) and Grandroy Gold & Copper Mine (Cu-Au-Mo) and importantly, the projected lateral and / or extensions to depth of the largest past producing mines in the Chibougamau Camp including the Portage/Henderson Mines which produced more than 1.1 million ounces of gold and 0.5 billion pounds of copper from surface to a vertical depth of 1,097 m (www.nuinsco.ca). The CIM holdings also cover the inferred lateral and / or vertical extensions of other former copper-gold producers in the Chibougamau Mining Camp including Copper Cliff, Jaculet, and Cedar Bay mines. Other precious and base metal mineralized occurrences such as: Ile Marguerite (Cu-Au), K-Zones (Cu-Au), Roycam (Cu-Au), S-Zones (Au-Cu), Sulphur Converting (Cu-Zn), T-Zones including Tommy/Yorcan - T10 - T9 - T8 (Au-Cu), Valiquette, 1119-94-07 (Ag-Pb-Zn), 1119-95-01 (Au), and 1119-95-05 (Au) are also found within the CIM Property limits. Ile Marguerite South (talc) and Mont Sorcier (Fe-Ti-V) constitute the balance of non-base/precious metal mineral occurrences still located within the limits of the CIM property.

The present report was prepared in compliance with National Instrument 43-101 *Standards of Disclosure for Mineral Projects ("NI 43-101"*) and follows guidelines of *Form 43-101 F1* (Technical Report). During the present compilation special attention has been given to lithological and structural controls, geophysical signature, alteration indexes and the geological context of mineralization interpreted to be of significant exploration interest. The Author was also requested to comment on historical "Mineral Resources" which were established before the new "guidelines" in accordance with the Council of the Canadian Institute of Mining Metallurgy and Petroleum definitions (the "CIMM Standards"). The present evaluation of pertinent data is aimed at locating zones of "high favorability" for the discovery of "porphyry-type" Cu-Au (Ag-Mo) mineralization along with mesothermal to epithermal copper rich sulphide veins and quartz-sulphide Au-Cu veins.

For the present study, the Author incorporated geological, geochemical, geophysical, structural and other technical data included within published reports (available on the SEDAR website at

www.sedar.com) and also data available within the Québec Ministry's assessment work files. A preliminary "Gemcom" database in electronic format is being constructed consisting of summaries of all drill logs and assays extracted from public assessment work files. Much of the detailed underground exploration and mine development information was never rendered public by the previous mine owners. Despite this, pertinent data can be extracted and reconstructed from a multitude of partial maps derived from published assessment work files and other publications.

The data base is being constructed from these original data, all of which will be converted into the metric system following a detailed audit of this information. Complete validation of the existing data is not possible for quality assurance ("QA") and quality control ("QC") procedures given that no drill core remains available for further testing and/or re-sampling. Nevertheless it is believed that the more recent sampling completed on the project by SOQUEM, followed the highest standards of the industry at the time. Assays were processed at recognized independent laboratories. Some samples were duplicated but the sampling stream did not include "blanks" and/or "standards". Commercial laboratories routinely include blanks and standards. The quality of the existing data is believed to be of good quality. Where mining occurred, resource estimates were found to be compatible with the production numbers.

Specific recommendations for the systematic evaluation of the discovery potential of the Lac Chibougamau Properties are also included.

Property

The significant land holding referred to as the "Lac Chibougamau Properties" is comprised of numerous blocks of claims which are not all contiguous. However, as all claim blocks are in proximity to each other, they will be discussed within the same "Technical Report". A property visit was officially conducted by the author during the period of May 6 – 10, 2012. Evidences of staking, old grid lines, stripping and diamond drilling activities are clearly visible on land. A total of 159 claims (CL) and 116 cells (CDC) have been acquired by Globex totalling approximately 6,554 hectares (16,385 acres) or about 65.54 square kilometers. A large portion of the claims underlies Lac Chibougamau and Lac Doré.

Location Access and Infrastructure

The majority of the claim blocks comprising the Lac Chibougamau Properties extend eastward for approximately 18 km east of the city of Chibougamau with a smaller portion extending northwest from the city limits, in the eastern part of the Abitibi Region, Province of Québec, Canada. The area is easily accessible by paved and/or all-weather gravel roads branching to highways #167 and #113 which connect respectively with the cities of Chicoutimi (330 km SE) and Val d'Or (350 km SW). Infrastructure is excellent in the Chibougamau area given the history of successful mining since the early 1950's. A 3,000 tonne per day mill is available in the area for custom milling. Hydro-electric power to carry out advanced exploration activities and mining development is available and a highly specialized work force resides in Chibougamau-Chapais area and other adjacent mining districts within the Abitibi region.

Ownership and Terms of Agreement

Staked and map-designated mining claims comprising the Lac Chibougamau Properties are registered to "Chibougamau Independent Mines Inc." (Gestim client number: 87029). The terms of the transaction for the transfer of the Lac Chibougamau Properties from Globex to CIM are in the process of being completed at the time of the present report.

History

The claims controlled by CIM within the Chibougamau area have been intermittently explored from the early 1900's to near present (2008). A preliminary "phase" of surface exploration and discoveries occurred from 1900 to 1935. The most extensive surface/underground exploration and development work in the Chibougamau area occurred during the period of 1950 to 1980 with the new road and railroad access in the early 1950's which permitted the establishment of the town of Chibougamau. During that period an important amount of surface diamond drilling and locally underground mine development and mining occurred on some of the mining claims now controlled by CIM. The period of 1980 to 1992 was fairly quiet on all properties under study. A renewal of modest exploration activity occurred during the period of 1992 to 1998, when SOQUEM compiled information on most of the CIM's present properties situated under Lac Chibougamau and Lac Doré. SOQUEM also carried out systematic ground geophysical surveys (Induced Polarization) followed by limited surface diamond drilling which identified numerous new "mineralized zones" requiring further drilling. A few drill holes were tested using "Pulse EM". SOQUEM's work was the last exploration that took place on the present Lac Chibougamau Properties which have thus remained essentially dormant for the last 15 years.

The area has been flown a number of times by the Québec Government using a variety of air borne electromagnetic and magnetic systems some of which have confirmed a number of weak anomalies in the general area of the mineralized occurrences. These surveys have contributed to a better understanding of the spatial distribution of the regional lithologies and general stratigraphic relationships.

Geology

The regional geology of the Chibougamau area has been addressed in numerous government studies and publications. The Chibougamau Mining District in located at the north-east end of the well-documented Abitibi Volcanic Belt. The Abitibi Sub-province is the world's largest contiguous area of Archean volcanic and sedimentary rocks that host a significant number of mineral deposits. The volcano-sedimentary Matagami-Chibougamau Archean Belt has been characterized as the "Internal Zone" of the Abitibi Belt. This band extends over a distance of more than 400 km from the Kapuskasing Structure to the west all the way to the Grenville Front to the east and even some vestiges are also present over a distance of 10 km within the Grenville Province.

The general appearance is one of oval-shape batholiths surrounded by east-west trending "greenstone belts" usually "wrapping" around batholiths. Regional and local folding is common and the dips of the formations are usually sub-vertical.

The Obatogamau Formation is represented largely by an assemblage of "flood basalt", consisting of a series of extensive low-viscosity volcanic eruptions on the ocean floor. On this sea floor, the development of island arc-type volcanoes occurred first underwater but became emergant (sub-aerial) at the top of the Blondeau Formation as typified by the occurrence of arkosic sediments within the Bordeleau Formation. The concept of continental rifting (or stretching and thinning of the earth's crusts in the interior of plates) in conjunction with "Island Arc-type" submarine to sub-aerial volcano development (hotspots) appears plausible based on the model generated by P. Pilote et al. (MRNR,1996) for the general development of the Chibougamau stratigraphy.

In Chibougamau, the Archean volcano-sedimentary assemblage is divided into two main groups, the Roy Group at the base, overlain by the Opemisca Group. Volcanic rocks predominate in the Roy Group and sedimentary rocks in the Opemisca Group.

Following a recent re-interpretation of the Chapais – Chibougamau stratigraphy by F. Leclerc (MRNF 2008, 2011) and Cogitore's work (Scott Lake / VMS project; www.cogitore.com) it now appears that the Roy Group can be sub-divided into six (6) formations comprising three (3) volcanic cycles. The first cycle includes the basaltic Obatogamau Formation capped by the Waconichi Formation composed of felsic volcanic units. The second cycle starts with the newly defined "David" member of the Gilman Formation, composed of basic volcanic rocks very similar to the Obatogamau formation and this cycle ends with the "Allard" felsic formation. The "Bruneau" mafic volcanic member still within the Gilman Formation represents the base of the third cycle which terminates with the Blondeau formation composed of felsic volcanic rocks locally capped by sedimentary rocks (Bordeleau formation). Syn-volcanic massive sulphide mineralizations (exhalites) are known within every one of these cycles. The better known mined deposits include the Lemoine Mine (758,000 tonnes grading 4.2% Cu, 9.8% Zn, 4.2 g/t Au and 83.0 g/t Ag; www.cogitore.com) within the Waconichi Formation and the Zone 8-5 present within the Blondeau Formation (50,000 tonnes grading 2.97% Cu, 3.38% Zn, 0.41 g/t Au, 35.61 g/t Ag; Bélanger et al 1984).

That portion of the CIM Properties covered by Lac Chibougamau is underlain by anorthosite and gabbroic anorthosite of the Lac Doré Complex adjacent to the Lac Chibougamau Batholith, located further to the SE. A small felsic plug, probably related to the Lac Chibougamau intrusive complex, is present in the north part of the property and is referred to as the Grandroy "plug". The geology underlying the NE portion of the claims straddles the contact between the Lac Doré Complex to the south and felsic to mafic volcanics to the north. This largely pillowed mafic volcanic sequence (David Formation) is underlain by felsic horizons, exhalites and tuffaceous sediments of the Waconichi formation. At the contact zone, still within the Lac Doré Complex, the Fe-V-Ti rich layered zone is locally well exposed. Mafic to ultramafic sills, the "Cummings Complex", are present just to the north of the area under study and host the Au-Ag-Zn mineralization at the Berrigan/Taché Mine project.

Structure

Major regional structures are present within the study area, the most important being the NE-striking Lac Doré Fault which transects and displaces most of the presently known ore zones hosted within structures oriented at 110° and referred to as "Mine Shears". A closer look indicates that an apparent dextral horizontal displacement of about 1600 m is present along this fault dipping 50° to 70° to the northwest. In the area of the Portage - Henderson Mines, the contact between the Lac Doré Complex and the mafic volcanics has been "duplicated" probably due to "normal" faulting along the Lac Doré Fault (SE block up?).

The "Mine Shears" oriented roughly at 110° commonly dip at about 50° to 70° to the southwest.

The mineralization at Copper Rand Mine appears to be oriented parallel to the main schistosity but both mineralization and schistosity appear to dip steeper than the main shear itself which is oriented at 110° and dipping at 60° SW as indicated on a published composite section by Magnan et al. (1995). It is also noted that mineralization present along this NW-SE corridor dipping to the SW has a "rake" to the NW: a feature which will prove important when exploring for the depth extension of known deposits.

The detailed structural features in the vicinity of the Portage – Henderson Mines are more complex. The main Portage – Henderson shear oriented at about N 030° dips roughly 45° - 50° to the southeast even if the layering within the anorthosite of the Lac Doré Complex dips 45° to the northwest. The main NE shear (corridor) dipping to the SE appears cut and displaced on level 1800 feet at the mine. A horizontal apparent senestral strike-slip displacement of approximately 150 m seems to have taken place along an E-W trending zone of shearing hosting the McKenzie vein.

Mineralization

Mineral production from the Chibougamau Mining Camp was derived from three (3) different types of environments. Typical volcanogenic massive sulphide (VMS) mineralization was mined at the Lemoine Mine. However, the majority of metal production was derived from mesothermal Cu-Au veins as found at Henderson-Portage and Copper Rand and to a lesser extent, porphyry-copper style mineralization as was exploited at Merrill Island (Merrill and Campbell mines) and to an even lesser extent at the Grandroy Mine. Total production in Chibougamau amounted to over 47.5 M tons of ore grading 1.72% Cu and 2.30 g/t Au (3.2 M ounces). All of the past producing mines are located within the anorthositic gabbro phase of the Lac Doré Complex except for the Grandroy Mine which is found within a satellite plug of the Chibougamau Pluton.

The structural control of the known copper and gold-copper veins in the Chibougamau district is key to understanding the metallogenic characteristics of the Camp. It has been postulated that much of the mineralization is the result of hydrothermal circulations of various sources, including, to name a few, metamorphic fluids, and magmatic fluids related to the emplacement of felsic intrusions. A variety of structural controls are evident with mineralization being

located along: - normal faults, -thrust faults, -fracture zones, -stockwerks, breccia zones, -foliated zones, and fold closures. Pilote et al (MRNF, 1994) proposed a porphyry-type mineralization for the Lac Clark – Merrill Island mines (Main Mine, Chib-Kayrand, Kokko Creek, Canadian Merrill, Fosse Merrill, and Fosse Main Mine). Kirkham et al (1994, 1995) stated that the Cu-Au veins were formed before the development of the stockwork porphyry-type system (Cu-Mo) which is more localized in space. Some later Molybdenite-rich veinlets are also documented.

Hydrothermal alteration usually creates zonation (proximal to distal) comprising indicator minerals such as carbonate and sulphide. Metasomatism is commonly characterized by sericitization, albitization, locally fuchsite, biotite, chlorite, depending on the host rocks.

A compilation of mineralized structures on and adjacent to the Lac Chibougamau Property indicates some main trends for mineralization of economic interest: N-45°-E, N-60°-E, N-110°-E and N-S. These corridors host multi-lensed orebodies.

Historical resources estimated by previous owners still exist on some of the mineralized structures or partly mined deposits located within the limits of the claim blocks under study.

Name	Historical resources	Au g/t	Cu %
Kokko Creek Mine	115,000 tonnes	0.21 g/t	1.50 %
Québec Chibougamau Goldfields Mine *	335,000 tonnes	1.60 g/t	1.68 %
Bateman Bay Mine **	396,665 tonnes	4.35 g/t	2.64 %
S-3 (T-10)	449,095 tonnes	2.38 g/t	0.91 %
(T-9)	50,000 tonnes		2.21 %
(T-8)	440,000 tonnes	8.48 g/t	
Grandroy Mine ***	349,238 tonnes	0.67 g/t	1.18 %
		Au g/t	**Zn %**
Berrigan (Taché) Mine	1,388,915 tonnes	1.77 g/t	3.17 %
Berrigan South	259,637 tonnes	0.58 g/t	3.05 %
		FeO %	**TiO2 %**
Mont Sorcier	270,000,000	27.6%	1.1%

Note: * Historical resources on Québec Chibougamau Goldfields Mine are from SOQUEM's compilation (GM-58101), they were the last company to carry out an evaluation having access to all information, including diamond drill holes. ** Robex who had access to all private information on the project including underground channel sampling and statistics on the monthly production during the period of 1968-1977, completed this "historical" resource estimate in 1992; *** from SOQUEM (1999) (GM-56521).

The above resources are historical in nature, Globex and CIM are not treating these historical estimates as current mineral resources as defined under NI 43-101. Globex and CIM have not done sufficient work to classify these estimates into current NI-43-101 resources. Drill core and original logs and assay certificates are not available to establish proper QA (quality assurance) and QC (quality control) procedures on the previous drilling. Nevertheless, the author believes that these estimates have been completed within "Industry standards" at the time and represent significant "targets" to focus the exploration program to be proposed by CIM.

Exploration Concept

Archean lode gold deposits of the Superior Province include several types but are dominated by structurally-controlled epithermal to mesothermal epigenetic deposits. Other types of deposits include disseminated and stockwork porphyry-related style of gold mineralization deposits, with or without vein overprints.

Typically in the Archean economic gold concentrations for underground extraction generally range from 5 to 15 gpt in these types of deposits. Gold concentrations are characterized by a complex network of gold-bearing laminated quartz-carbonate veins generally thought to develop predominantly during the syntectonic events. Vein morphology in these shear zones can vary between laminated shear-type veins to open-space, vuggy extensional-type veins. Contrasting rock unit rheologies also strongly influence the emplacement of the auriferous quartz-carbonate veins with lithological contacts being a very common site for vein development. The presence of curvatures, flexures and dilational jogs along the major fault zones also favour depositional sites for gold mineralization. In the Abitibi greenstone belt, the majority of the large Archean gold deposits occur in high order splay faults in close proximity to regional faults, suggesting the close genetic correlation to the timing of the structures. This appears to be due to the mineralized veins or disseminations requiring highly permeable channel ways to transport the volume of gold-bearing hydrothermal fluid needed to provide the amount of gold found in these deposits.

The exploration model implemented by Globex / CIM takes into consideration recent published geological, geophysical and geochemical compilations and re-interpretation of the old data by the company's geologists and consultants. The new compilation and interpretation of the historic data indicate there are three distinct mineralizing styles or systems present within the study area.

- Volcanogenic massive sulphide (VMS) mineralization is noted within the Roy Group, as suggested by the presence of the Sulphur Converting Property and the Berrigan East Claims. This deposit type has already been identified in the area by way of: the former Lemoine Mine (Zn-Cu-Au-Ag), the Zone 8-5 in Chapais and the Scott Lake deposit currently being explored by Cogitore Resources. Massive sulphide bodies (some barren) have also been identified throughout the stratigraphic column including VMS mineralization in the Chrissie Formation, the Waconichi Formation (Lemoine Member, Scott Member) as well as in the upper Blondeau Formation.
- Magmatic Fe-V-Ti deposits associated with layered zones within the anorthositic gabbro to gabbroic anorthosite phase of the Lac Doré Complex. The claims under study cover a substantial section of Mont Sorcier where a significant iron deposit has been identified.
- The most common types of mineralization exploited to date within the Chibougamau Mining Camp are the Archean copper- gold deposits including mesothermal Cu-Au deposits and locally porphyry-type Au-Cu deposits.

Status of Exploration, Development and Operations

Initially limited surface exploration has been conducted by Globex or CIM on the Lac Chibougamau Property since its acquisition.

Selective geophysical surveys including an airborne magnetic/electromagnetic survey over the Bateman Bay and Grandroy Properties and in early 2012 specifically targeted sectors in the vicinity of known Cu-Au mineralized zones including the Bateman, S2/S3, Tommy and K Zones were tested with a new system of "deep penetrating" Induced Polarization (IP) in conjunction with conventional IP, ground electromagnetic Max-Min and complimentary ground magnetics, to provide comparative data in assessing the value and effectiveness of this new exploration tool in the Chibougamau Camp as Globex/CIM initiate their systematic evaluation of its large land holding.

No diamond drilling has yet been undertaken by Globex / CIM on its Lac Chibougamau Property. The most recent but limited historic drilling was completed during the period of 1992 to 2000 by SOQUEM on the S-, T-, K-Zones, Grandroy Mine and the "Sulphur Converting" occurrences. Another limited surface drilling program has been conducted on the Bateman Bay property in 1992 by Ressources Robex.

Conclusions and Recommendations

With the recent surge in gold, silver and base metal prices, a re-evaluation of the large mining properties hosting past Cu-Au producers with compelling evidence for inferred lateral and vertical extensions of the previously mined ore bodies, was deemed to be clearly warranted. It is believed that the copper-gold mineralization which was mined at shallower depths extends to depth well below the sections tested by previous surface and underground drilling. Parallel zones have also been identified by some of the earlier exploration work. Numerous relatively recent drill holes (late 1990's) intersected gold values of economic interest which were never followed up after their initial discovery.

The present Lac Chibougamau property has not been subjected to modern systematic exploration since the early 1980's. The earlier drilling generated sufficiently attractive Cu/Au intersections to justify resources estimates at a number of localities now controlled by Globex/CIM. Only very limited mineral production has been seen on the Globex/CIM properties which are known to host a number of insufficiently drill tested in-situ historical Cu/Au resources.

An improved understanding of the geologic, structural and alteration features of these deposits will serve to enable Globex/CIM to better define the metallogenic priorities to help determine the areas with the highest potential of discovery in its search for large base and precious metal deposits in the Chibougamau Mining District. The present assets of Globex / CIM provide an

excellent opportunity to create value for its shareholders within the heart of the Chibougamau Mining District.

It is recommended that a detailed compilation of all geological, geochemical and geophysical work both historic and internally generated, be completed over the entire claim holdings to adequately test for the presence of large, yet undetected Cu/Au deposits of the various, previously described ore types within the designated Globex/CIM claim blocks.

A digital data bank, summarizing all exploration information particularly that of diamond drilling data, is currently being compiled and analyzed with the objective of outlining quality exploration targets. The geological units along with diagnostic alteration features associated with the base and precious metal mineralization are being gathered and interpreted from the original drill logs and assays records.

Prior to the planning of specific geophysical surveys and diamond drilling, it is the author's intent to complete the aforementioned detailed compilation of surface and near surface geophysical and drilling exploration data on internally generated maps which will serve to define the highest priority target areas for follow up work. Historic drill intercepts of potential economic interest will be highlighted. When possible, level plans and longitudinal sections showing historic productions (stopes) will be compiled from all of the partial maps available within the public domain in order to properly investigate and assess the projected lateral and depth extension of the previously mined sectors extending onto the Globex/CIM property. It can be stated that drill ready targets have also been identified within the present study.

Historical resources will require drilling in order to "convert" them into NI 43-101 compliant resources and possibly reserves in certain places.

Surface diamond drilling is recommended in staged phases. An initial drilling program will look to test the inferred extensions of the known structures as well as exploring few specific targets identified during the present study.

Recommended Budget

The present assets of Globex and CIM provide an excellent opportunity for exploration within the heart of the Chibougamau Mining District. During the period of 2006 to 2011, Globex acquired by ground staking and/or map designated cells, a significant land package in the Chibougamau area, totalling approximately 6,554 hectares. The Lac Chibougamau Properties are considered to be at an "advanced stage" of exploration.

With the recent surge in gold, silver and base metal prices, a re-evaluation of CIM's large claim holdings, covering past Cu-Au producers with compelling evidence for inferred lateral and vertical extensions of the previously mined ore bodies, was deemed to be clearly warranted. It is believed that the copper-gold mineralization which was mined at shallower depths extends to depth well below the sections tested by previous surface and underground drilling. Parallel

zones have also been identified by some of the earlier exploration work. Numerous relatively recent drill holes (late 1990's) intersected gold values of economic interest which were never followed up after their initial discovery. Recent advances in technology in the light of relatively strong metal prices have also made it possible to consider the use of new underground mining techniques including bulk mining of lower-grade mineralization material as exemplified by Agnico Eagle's low grade gold mine located on the outskirts of Val d'Or.

Systematic exploration to fully assess the precious and base metal potential of the prospective Lac Chibougamau Properties is strongly recommended. The majority of the claims now controlled by Globex / CIM underwent only intermittent exploration over the years since the 1950's. The present Lac Chibougamau properties have not been subjected to modern systematic exploration since the early 1980's. The earlier drilling generated sufficiently attractive Cu/Au intersections to justify resources estimates at a number of localities now controlled by Globex/CIM. Only very limited mineral production has been seen on the Globex/CIM properties which are known to host a number of insufficiently drill tested in-situ historical Cu/Au resources.

A multi-phased exploration program is recommended based on the project compiled technical data. This program is judged to be fully warranted in order to adequately appraise and evaluate in a reasonable and progressive manner, the remaining mineral and discovery potential of a large portion of the Chibougamau Mining Camp.

An improved understanding of the geologic, structural and alteration features of these deposits will serve to enable Globex/CIM to better define the metallogenic priorities to help determine the areas with the highest potential of discovery in its search for large base and precious metal deposits in the Chibougamau Mining District.

It is recommended that a detailed compilation of all geological, geochemical and geophysical work both historic and internally generated, be completed over the entire claim holdings to adequately test for the presence of large yet undetected Cu/Au deposits within the designated Globex/CIM claim blocks.

A digital data bank summarizing all exploration information particularly that of diamond drilling data, is currently being compiled and analyzed with the objective of outlining quality exploration targets. The geological units along with diagnostic alteration features associated with the base and precious metal mineralization are being gathered and interpreted from the original drill logs and assays records.

Prior to the planning of specific geophysical surveys and diamond drilling, it is the Author's intent to complete the aforementioned detailed compilation of surface and near surface geophysical and drilling exploration data on internally generated maps which will serve to define the highest priority target areas for follow up work. Historic drill intercepts of potential economic interest will be highlighted. When possible, level plans and longitudinal sections showing historic productions (stopes) will be compiled from all of the partial maps available

within the public domain in order to properly investigate and assess the projected lateral and depth extension of the previously mined sectors extending onto the Globex/CIM property Surface diamond drilling is recommended in staged phases. An initial drilling program will look at testing the inferred extensions of the known structures as well as exploring a few specific targets identified during the present study.

Proposed drill holes (location finalized upon completion of detailed compilation)

Hole #	UTM co-ordinates		Azimuth	Dip	Length	Target
	Easting	Northing				
CMI-12-01					150 m	East shoreline Ile Marguerite (Au)
CGR-12-02					100 m	Grandroy, Porphyry (Cu-Au-Mo)
CGR-12-03					200 m	Grandroy, Porphyry (Cu-Au-Mo)
CKK-12-04					100 m	Kokko Creek extension (Cu)
CKK-12-05					100 m	Kokko Creek extension (Cu)
CDA-12-06					100 m	Decline area, Kokko Creek (Cu-Ag-Mo-Au)
CDA-12-07					100 m	Decline area, Kokko Creek (Cu-Ag-Mo-Au
CBS-12-08					120 m	Berrigan Sud (Au-Cu occurrence)
CBS-12-09					125 m	Berrigan Sud (Au-Cu occurrence)
CBT-12-10					150 m	Berrigan/Taché (Au-Zn-Ag)
CBT-12-11					250 m	Berrigan/Taché (Au-Zn-Ag)

A second more important phase 2 drilling will be required to expand known mineralized zones of economic interest and also “convert” historical resources into NI 43-101 compliant resources and possibly reserves in certain places.

Systematic surface drilling on certain higher priority targeted Cu-Au mineral occurrences will bring them closer to development stage. A copper-gold mill in the area is available for custom milling.

Proposed Budget

The Author recommends a multi-phase work program that includes studies and exploration drilling (phase 1) followed by systematic surface drilling (phase 2) in order to confirm and upgrade historical copper and gold resources into a NI 43-101 compliant format.

This initial exploration phase includes four activities, namely: a) geophysical grid construction and specific geophysical surveys, b) the compilation and transformation of available technical information into digital format, c) surface stripping & sampling and d-) preliminary surface exploration drilling.

Thus, in early 2012, new “Deep Penetrating Induced Polarization” survey was tested over selected zones of known Cu-Au mineralization over Lac Doré and Lac Chibougamau. This “new” geophysical method responded to the known zones while outlining, in certain instances, what maybe deeper lateral extensions of the mineralized structures.

In terms of the compilation work, as part of the initial exploration phase, all historic data will be integrated, audited, standardized and digitized including the "Gemcom" data bank with cross referenced published drill logs. The data bank will be converted entirely into metric format and drill cross-sections at the scale of 1 = 500 will be generated for all areas where detailed drilling is warranted based on the interpretation of the geology, structures and mineralized trends. This presentation will also incorporate historic "resource estimates" as background information. Furthermore, within the assessment work files enough data are available to re-create preliminary level plans and longitudinal sections (with stopes) in order to better orientate the exploration focused on the depth and lateral extensions of known deposits.

The available geological, geophysical and geochemical data has been gathered from historical works and is being drafted on maps at the following scales:

-) Regional compilation at the scale of 1 = 20,000
-) Property compilation at the scale of 1 = 5,000
-) Detailed compilation on the "occurrences" at the scale of 1 = 1,000

The second phase of exploration will be based on results of systematic compilation and preliminary drilling recommended in phase 1. Surface diamond drilling proposed in Phase 2 will be aimed at probing and confirming areas of historical resources in order to convert some of these resources into current resources (or reserves) as per CIMM standards. A preliminary minimum meterage of 27,000 m of NQ-size drilling is anticipated.

Following the results of phase 2, additional systematic drilling will be required to systematically define resources and take some of the resources closer to preliminary evaluation of their economic potential for future development.

	Estimated costs	CDN $
Phase 1	Studies and exploration drilling	
	Data compilation (geological, geochemical and geophysical historical work and internally generated documents)	$150,000.
	Grid lines and geophysical test surveys	$175,000.
	Stripping, trenching and sampling	$100,000.
	Preliminary surface exploration drilling (all inclusive) 6,250 linear meters @ $100./m	$625,000.
	Contingencies	$105,000.
	Total Phase 1	**$1,155,000.**
Phase 2		
	Surface diamond drilling (all inclusive) 27,000 linear meters @ $100./m	$2,700,000.
	Contingencies	$270,000.
	Total Phase 2	**$2,970,000.**

2-) Introduction

Jack Stoch, the president of Globex, retained the services of the Author, an independent consulting geological engineer, to complete a "Technical Report" in compliance with guidelines for disclosure of exploration and development projects as recommended within NI 43-101, on its recently staked and/or map-designated claims, referred to as the "Lac Chibougamau Properties". The Author was also requested to recommend a systematic exploration program from surface to confirm previous historical resources and expand if possible the mineralized zones along strike and at depth. A new entity has been registered as: CHIBOUGAMAU INDEPENDENT MINES INC. to take over all of Globex's assets within the Chibougamau area. The "Lac Chibougamau" project is located immediately East – Southeast and Northwest of the city of Chibougamau, province of Québec, Canada, and covers numerous precious and base metals occurrences along with a few former producers. A significant portion of the mining property is located over Lac Chibougamau and Lac Doré. Previous drill core from the exploration project is not available. The author of the present report has no material interest in Chibougamau Independent Mines Inc. or related entities or interests.

With the recent surge in gold, silver and base metal prices, a re-evaluation of the mining properties covering earlier producers and also depth and or lateral extensions of other producers is certainly justified. It is believed that the mineralization of economic interest which was mined closed to surface extends at depth well below the sections tested by previous surface and underground drilling. Parallel zones have also been identified. Numerous fairly recent drill holes (in the late 1990's) intersected gold values of potential economic interest which were never followed up.

All previous geophysical, geochemical and geological data available within the assessment work files at the office of the resident geologist in Chibougamau have been carefully studied and all pertinent information has been summarized into the present report. Numerous internal reports and documents prepared by Campbell Resources, now controlled by C-Bay Resources, are known to exist, but were not made available to the Author.

The Author personally visited the Lac Chibougamau Properties, during the period of May 6 – 10, 2012. The Kokko Creek, Québec Chibougamau Goldfields, Grandroy, Sulphur Converting, Ile Marguerite and Mont Sorcier claims were visited. These blocks of claims are located principally on land and not under the waters of Lac Doré or Lac Chibougamau. A preliminary investigation of the different geological units, alteration patters and mineralization styles was conducted where outcrops are present. At numerous locations old stripped areas and few trenches are still visible. There is no infrastructure left at any of the former Cu-Au producers present on the Lac Chibougamau Properties, and the sites have been properly rehabilitated. It appears that a significant amount of drill core has been destroyed by fire and later bulldozed at the site of the Québec Chibougamau Goldfields property. An old "portal" along with numerous trenches has been identified at the SW corner of the Kokko Creek property. Just NE of the Grandroy open pit, there is evidence of recent sampling.

The access is very easy through secondary paved roads and also all-weather gravel roads giving access to the major lakes, cottages and mine sites. Evidence of grid lines and diamond drilling activities is still clearly visible. Some claim posts were visited; it is believed that the staking was conducted as per Industry Standards, claim posts investigated were the proper size with tags oriented in the right direction. Numerous claims were map-staked and the exact location of their boundaries can be obtained on GESTIM. Usually cell for map staking are defined by an area of 30 seconds latitude by 30 seconds longitude.

The Author of the present technical report, declares that no information in his possession was omitted that could affect the conclusions of this report.

Table 1: List of abbreviations and conversion factors used in the text:

1 troy ounce per short ton	34.2865 grams per metric ton
1 short ton	0.9072 metric tonne
1 metric tonne	1.1023 short ton
Tonne	metric tonne
Ton	short ton

g	Grams	oz.	Troy ounce
opt	Ounce per short ton	g/t	Grams per metric tonne
kg	Kilograms	Ppb	Part per billion
km	Kilometer	Ppm	Part per million
m	Meter	$	Canadian dollars
‘	Foot	”	Inches
ha	Hectare	Cm	Centimeter

1 foot	0.3048 m	1 m	3.28083 feet
1 mile	1.6093 km	1 km	0.6214 mile
1 acre	0.4047 ha	1 ha	2.4711 acres
1 opt	34.2865 g/t	1 g/t	0.02941 opt

Globex	Globex Mining Enterprises Inc.
CIM	Chibougamau Independent Mines Inc.

N North	**S** South	**E** East	**W** West
NE North-East	**NW** North-West	**SE** South-East	**SW** South-West

3-) Reliance on Other Experts

The information, conclusions and recommendations contained herein are based on:

1) Information made available to the Author at the time of preparation of the report by the Globex and CIM.
2) Data supplied by outside sources.
3) A detailed compilation of “assessment work files”.
4) Assumption, conditions and qualification set forth in the report.

Historical geological, geophysical and analytical data have been presented as originally reported. The Author assumes that the reports and other data listed in the "Reference" section are substantially accurate and complete. The Author of the present "Technical Report" takes responsibility for and has made the necessary investigation to reasonably rely on the information contained in the present report. The information, conclusions, opinions, and estimates contained herein are based upon these informations made available to the author at the time of preparation of this report; data, reports and opinions supplied by third party sources are listed as references. The Author of the present Technical Report visited the property, personally conducted a review and appraisal of the information available and believes the information included in the preparation of the report and in its conclusions and recommendations is valid and appropriate considering the status of the project and the purpose for which the report is intended. The Author is also aware of significant technical data that was not provided. This data includes all of the pertinent underground information (level plans, longitudinal sections, underground diamond drilling etc.) on the deposits partly mined on the claims now owned by CIM, before these claims (mining concessions) were allowed to lapse by previous owners.

The Author is not qualified to comment on legal title, tenure, land acquisition, compensations and permitting. Accordingly, the Author has relied upon the representations and judgment of Globex and CIM.

The Author has made all reasonable efforts to outline any land tenure or environmental issues relating to the Lac Chibougamau Properties that would make the report misleading. The recommended exploration program is based on the project technical data which is judged to be appropriate in a reasonable progressive and economic mineral evaluation of such project.

4-) Property Description and Location

4.1 Property Location

The Lac Chibougamau Properties are located immediately E-SE and NW of the town of Chibougamau, Province of Québec, Canada. The Lac Chibougamau Properties lie within the Abitibi mining area of Northwestern Québec; more especially on NTS sheet 32G-16 (Figure 1).

4.2 Property Description

A list of claim and cell numbers, recording dates, expiry dates, superficies, fees, work requirements and excess credits by individual claim on the Lac Chibougamau Properties has been compiled in Appendix 1. The expiry dates with respect to the claims comprising the Lac Chibougamau Properties range between September 1, 2012 and May 18, 2014. All claims due in 2013 are currently in the process of being renewed. A total of 159 claims (CL) and 116 cells (CDC) have been transferred from Globex to CIM. They cover an area of approximately 6,554 hectares (16,385 acres) or about 65.54 square kilometers. A large portion of the claims underlies the waters of Lac Chibougamau and Lac Doré. A sketch of the claim blocks is presented in Figure 2.

The significant land package controlled by CIM around the town of Chibougamau has been acquired by staking and map designation to cover a large and very prospective geological and structural section within the heart of the Chibougamau Mining District. The staking requires that four corner posts be physically constructed in the field and map staking is conducted on a claim map by reserving a pre-defined area of 30 seconds latitude by 30 seconds longitude.

The "Lac Chibougamau Properties" include the "Berrigan project" which was the object of a separate NI 43-101 compliant report (initially dated May 17, 2011 and amended and restated on August 15, 2012), five Cu-Au-Ag previous producers (Kokko Creek Mine (Cu-Au), Québec Chibougamau Goldfields Mine (Cu-Au-Ag), Bateman Bay Mine (Au-Ag-Cu), S-3 Zone (Au-Cu) and Grandroy Gold & Copper Mine (Cu-Au-Mo) and importantly, the projected lateral and / or extensions to depth of the largest past producing mines in the Chibougamau Camp including the Portage/Henderson Mines which produced more than 1.1 million ounces of gold and 0.5 billion pounds of copper from surface to a vertical depth of 1,097 m (www.nuinsco.ca). The CIM holdings also cover the inferred lateral and / or vertical extensions of other former copper-gold producers in the Chibougamau Mining Camp including Copper Cliff, Jaculet, and Cedar Bay mines. Other precious and base metal mineralized occurrences such as: Ile Marguerite (Cu-Au), K-Zones (Cu-Au), Roycam (Cu-Au), S-Zones (Au-Cu), Sulphur Converting (Cu-Zn), T-Zones including Tommy/Yorcan - T10 - T9 - T8 (Au-Cu), Valiquette, 1119-94-07 (Ag-Pb-Zn), 1119-95-01 (Au), and 1119-95-05 (Au) are also found within the CIM Property limits. Ile Marguerite South (talc) and Mont Sorcier (Fe-Ti-V) constitute the balance of non-base/precious metal mineral occurrences still located within the limits of the CIM property.

4.3 Terms of Acquisitions

The terms of the transaction for the transfer of the Lac Chibougamau Properties from Globex to CIM are not yet finalized.

CIM (Gestim client number: 87029) has a registered 100% undivided interest in the claims under study. There are no surface rights directly associated with the claims. Obligations to maintain claims are limited to paying fees every second year ($27.00 per claim or $53.00 per cell) and filling a certain amount of exploration work ($500.00 per claim or $1,200.00 per cell) at each renewal. Excess work can be banked on a claim (referred to as banked credit), and this excess can later be used to renew the claim itself or contiguous claims which lie completely within a radius of 4.5 km from the center of the claim carrying the credit.

Figure 1: Location Map

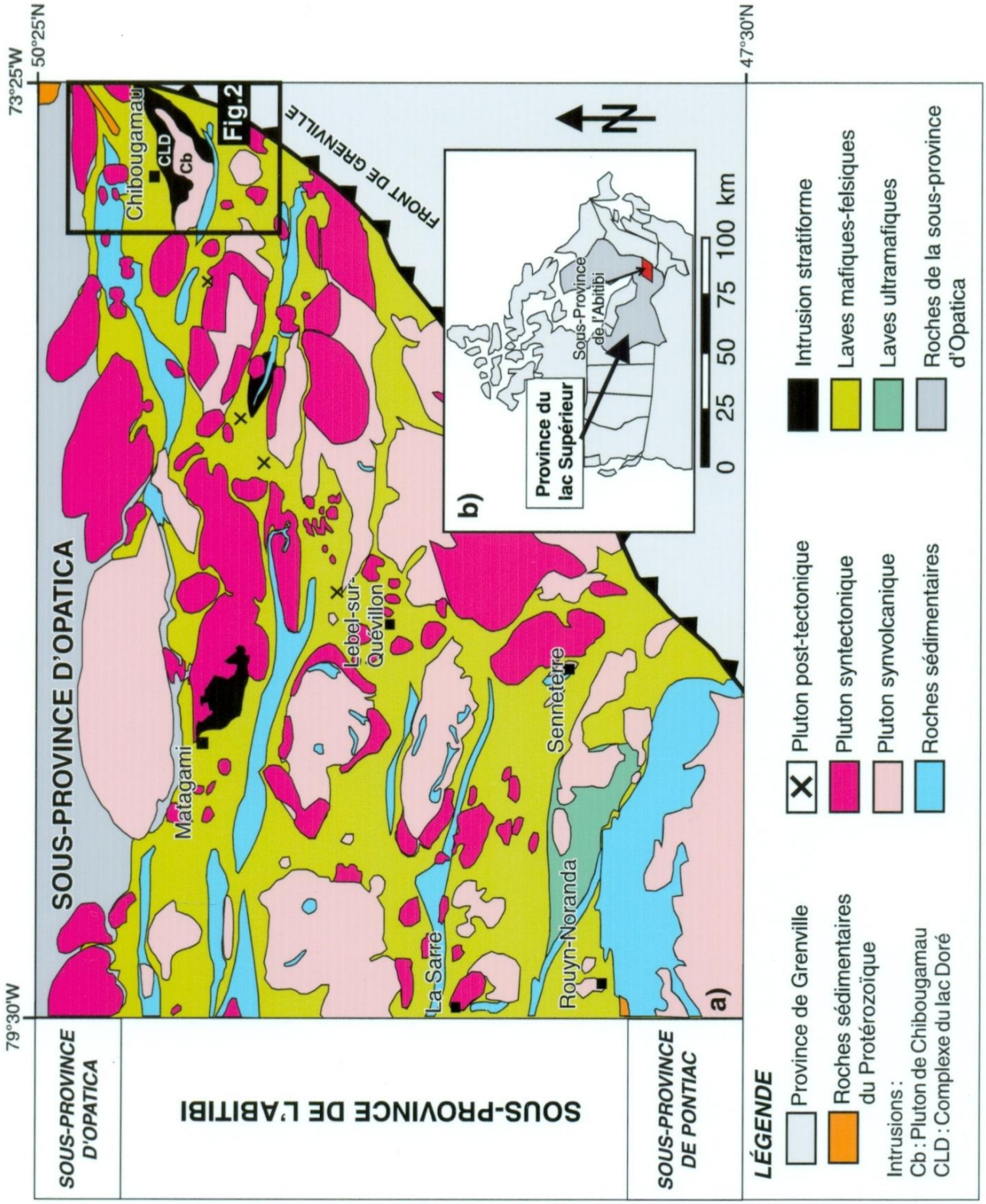
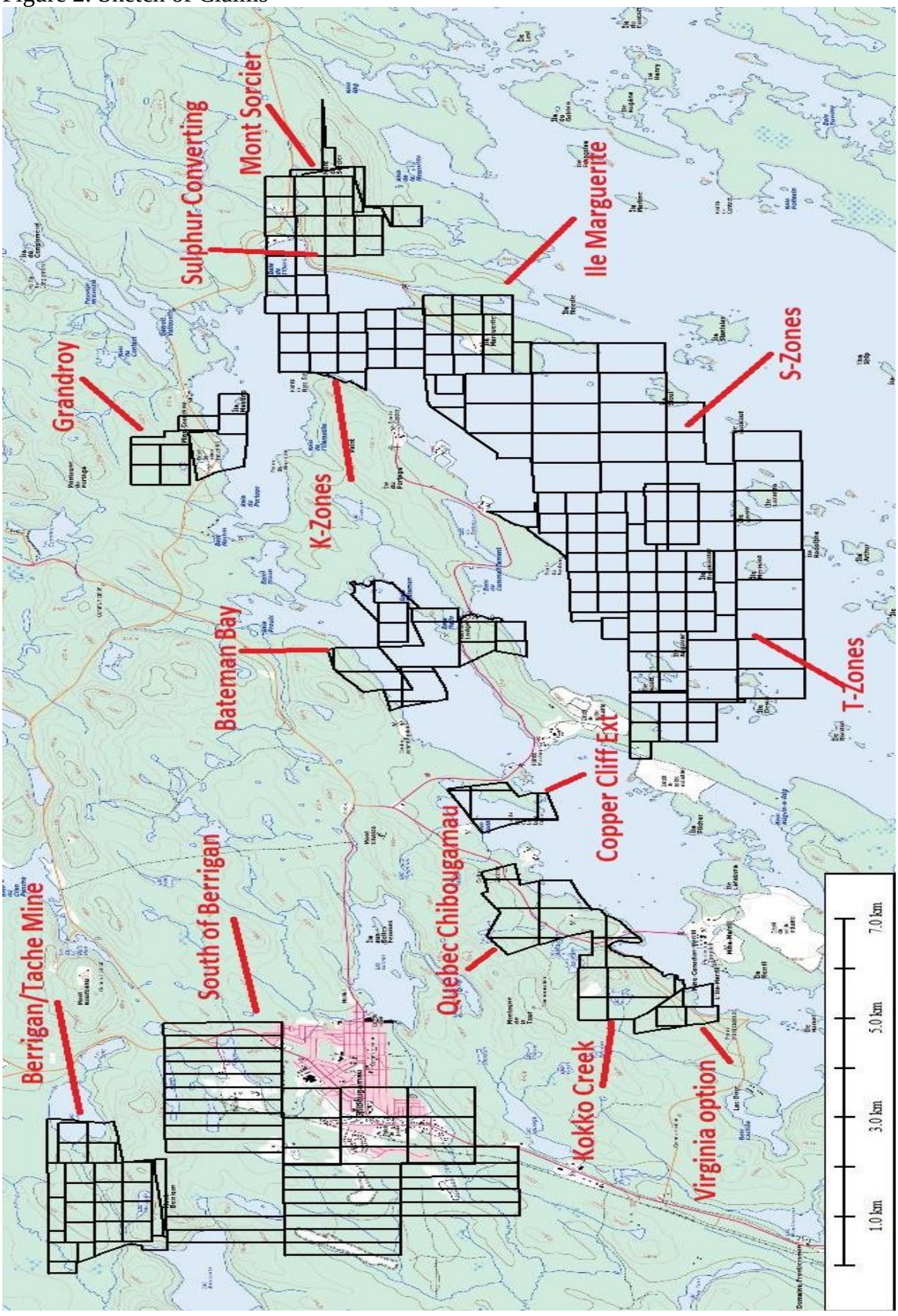


Figure 2: Sketch of Claims



4.4 Environmental Regulations and Liabilities

To the extent known, there are no environmental liabilities to which the property is subject.

In order to conduct surface exploration work (principally stripping, trenching and diamond drilling) on claims covering crown land, permitting is fairly simple to apply for and is rapidly obtained.

Permitting for underground exploration is more complex to negotiate, involving numerous levels of regulations. CIM has not started the permitting process in order to dewater existing underground workings for the purpose of carrying out underground exploration. There are no environmental liabilities, to either Globex or CIM, resulting from the underground development work completed by previous owners on the claims comprising the Lac Chibougamau Properties.

5-) Accessibility, Climate, Local Resources, Infrastructures and Physiography

5.1 Accessibility

Chibougamau is an active mining and forestry center with a population of over 5,000 people. Chibougamau straddles highway 167 and is serviced by an airport with daily regular scheduled direct flights to Montreal, Québec (Air Creebec).

All of the claims are very easily accessible via all-weather gravel roads branching from secondary paved highways which connect with regional highway # 167. Large portions of the claims are located over major lakes. Docking facilities are present at numerous places in order to access Lac Doré and Lac Chibougamau during the summer. During the winter (January to March) the ice on the lakes is generally thick enough to permit diamond drilling. Drilling can also be conducted during the summer months from a “floating barge” on lakes where water is not too deep.

5.2 Climate

Climate conditions are typical of the Canadian Shields at this latitude, averaging lows of -30° C degrees in January to highs of +25° C degrees in July. The ground is generally snow covered from late November to late March, with snow depths of up to 2 m and summers are relatively hot and fairly wet.

5.3 Local Resources

A highly specialized work force resides in Chibougamau and within the Abitibi region. The successful mining history of Chapais and Chibougamau over the last 60 years resulted in the establishment of very experienced miners along with the full range of associated secondary trademanships.

5.4 Infrastructures

Hydro-electric power, sufficient water for mining operations and good infra-structure for exploration and mining operations along with competitive skilled labor are readily available in

Chapais and Chibougamau. A dormant but fully operative mill still exists in Chibougamau and is open for custom milling.

5.5 Physiography

Topography in the general area is relatively flat and numerous claims are located over Lac Chibougamau and Lac Doré. On the shores, the overburden cover generally consists of sand and clay varying in thickness from 1 m to 30 m. There are few bedrock exposures but widespread swampy areas found within this moderately to locally densely (commonly black spruce) forested sectors of the Province. In the northern portion of the Lac Chibougamau Properties, the topography is more accentuated with the presence of Mont Sorcier which rises roughly 510 m above sea level with local steep topographic features characterized by vertical cliffs of up to 30 m in height. Mont Castor and Mont Berrigan further to the west are part of a system of E-W trending hills with a marked relief compared to the surrounding undulating topography. The level of Lac Chibougamau is about 380 m above sea level. The level of Lac Doré is about 379 m. In general, the Lac Chibougamau Properties area is lightly forested with spruce, birch, pine, and aspen with alder undergrowth.

6-) History

Globex through its subsidiary CIM controls an important land position in the heart of the Chibougamau Mining Camp. Copper and gold were discovered in the early 1900's, road and railroad access were completed in the early 1950's and the establishment of the town of Chibougamau in 1952 corresponded to the development of numerous mines along the shores of Lac Doré and Lac Chibougamau.

Table 2: List of former mineral producers in Chibougamau

Mine	production	Short tons	Cu %	Au g/t	Depth (bottom level)
Campbell (Main Mine)	1955-1980	4,840,946	1.82	1.13	About 640 m
Chib-Kayrand	1964-1974	114,000	1.36	0.48	
Canadian Merrill	1958-1967	1,182,804	2.33	0.34	About 765 m
Kokko Creek	1959-1966	715,169	1.15	0.22	About 300 m
Fosse Merrill	1967-1991	1,643,900	1.91	0.34	
Fosse Main Mine	1971-1980	1,036,733	0.64	0.14	
Québec Chibougamau	1963-1966	249,041	1.72	2.74	About 300 m
Cedar Bay	1958-1990	3,782,850	1.57	3.12	About 1,190 m
Copper Cliff	1970-1974	951,830	1.60	0.96	About 335 m
Copper Rand	1960-2008	16,445,493	1.80	2.80	About 1,525 m
Mine: Shaft # 3	1960	245,000	2.15		
Rampe Lac Doré	1991-1992				
Jaculet	1960-1971	1,202,119	1.93	1.89	About 490 m
Bateman Bay	1957-1974	32,118	1.81	1.75	About 300 m
S3	1987-1990	316,732	0.37	3.63	About 335 m
Henderson # 1	1960-1971	1,818,976	1.75	1.54	About 305 m
Henderson # 2	1960-1988	6,483,479	1.60	1.41	About 885 m

Portage	1959-1997	6,212,934	1.77	3.91	About 1,200 m
Grandroy	1967-1975	349,238	0.83	0.68	Open Pit

Note: properties highlighted are controlled 100% by Globex through its subsidiary, CIM. The lateral and / or depth extensions of some of the other former producers enter Globex claims.

The Chibougamau area was mined actively during the period of 1958 to 2008. During that period 1.6 billion pounds of copper and 3.2 million ounces of gold were produced along with a significant amount of silver and zinc.

Mining operations for most of the former producers were concentrated fairly close to surface, less than 1,000 m vertical. This leaves much room for deeper exploration which today is greatly facilitated by the development of more powerful hydraulic drills and also geophysical equipment with a greater depth penetration. Modification of existing mining techniques now permits bulk underground mining, therefore making what used to be sub-economic to marginal gold deposits, now very attractive in today's gold market.

The following report summarizes pertinent information gathered from the assessment work files. This represents a voluminous amount of exploration work completed since the early 1900's, on and in the immediately surrounding areas of the mining property under study.

The mining history of Chibougamau dates back to the 1950's with exploitation having been focused at vertical depths well above 1,500 m.

The first mine to undergo development was the Campbell Main Mine in 1955. Two years later, in 1957, underground development was initiated at Bateman Bay. During 1958 the following properties were being developed: Canadian Merrill and Cedar Bay. In 1959 Kokko Creek and Portage followed. The year 1960 saw much development on the Copper Rand, Jaculet, Henderson 1 and Henderson 2. Underground development at Québec Chibougamau was initiated in 1963. The following year in 1964, Chib Kayrand was opened and finally Grandroy open pit (+ decline) was initiated in 1967.

Numerous changes in ownership of the various mines in Chibougamau occurred over the years.

1955 Campbell Chibougamau Mines.
1962 Copper Rand Chibougamau Mines Ltd became Patino Mining Corporation.
1971 Sale of Patino Mining Corporation to Patino Mines (Québec) Ltd.
1979 Patino Mines Québec) Ltd changed its name to Mines Patino (Québec) limitée.
1981 Northgate Exploration Ltd acquired Mines Patino (Québec) limitée and created a new division: Northgate Patino Mines Inc. Later the name was changed again to Northgate Mines inc. and included the Copper Rand, Portage, Copper Cliff, Jaculet, Bateman Bay and Lemoine mines.
1987 Assets of Northgate were sold to Westminer (Canada) Ltd a subsidiary of Western Mining Corporation Holdings of Australia.
1993 Ressources MSV Inc. acquires all of the Westminer's assets in Chibougamau.

2001 Ressources MSV and Géonova Explorations Inc. were amalgamated into a new entity: Ressources Campbell Inc.
2010 Ressources Campbell Inc. filed for bankruptcy.
2012 Nuinsco Resources and Ocean Partners acquired the remaining assets of Ressources Campbell Inc. and created a new exploration and development arm, C-Bay Resources, in order to administer the Chibougamau assets.

It is believed that these rapid changes occurred because systematic exploration was suspended early with every minor exploration success in order to make place for rapid production.

The Lac Chibougamau Properties under study include (in addition to the "Berrigan project" subject of a separate NI 43-101 compliant report by the Author, initially dated May 17 and amended and restated on August 15, 2012, 2011), five (5) Au-Cu-Ag previous producers (Kokko Creek Mine (Cu-Au), Québec Chibougamau Goldfields Mine (Cu-Au-Ag), Bateman Bay Mine (Au-Ag-Cu), S-3 Zone (Au-Cu) and Grandroy Gold & Copper Mine (Cu-Au-Mo) and importantly, the inferred lateral and depth extensions of the largest past producing mines in the Chibougamau Camp, the Portage/Henderson Mines which produced more than 1.1 million ounces of gold and 0.5 billion pounds of copper from surface to a vertical depth of 1,097 m.

Certain portion of the Lac Chibougamau Properties extend over the inferred lateral and depth extensions of other former producers in the Chibougamau Mining Camp such as Copper Cliff (Au-Cu), Jaculet (Cu-Au), and Cedar Bay (Cu-Au). Other precious and base metal mineralized occurrences such as: Ile Marguerite (Cu-Au), K-Zones (Cu-Au), Roycam (Cu-Au), S-Zones (Au-Cu), Sulphur Converting (Cu-Zn), T-Zones including Tommy-Yorcan-T10-T9 –T8 (Au-Cu), Valiquette, 1119-94-07 (Ag-Pb-Zn), 1119-95-01 (Au), and 1119-95-05 (Au) are also found within the CIM Property limits. Ile Marguerite South (Talc) and Mont Sorcier (Fe-Ti-V) constitute other mineral types found on the Lac Chibougamau Properties. A list of past producers and mineralized occurrences present on the Lac Chibougamau Properties and adjacent neighboring properties is presented on Table 3.

The most detailed compilation and limited surface exploration work on the claim blocks under study has been carried out by SOQUEM during the period of 1992 to 2000 (GM-52103 (1993), GM-52441 (1993), GM-53358 (1994), GM-53360 (1994), GM-53362 (1994), GM-53357 (1995), GM-53673 (1995), GM-53822 (1995), GM-54001 (1996), GM-54002 (1996), GM-54968 (1997), GM-55732 (1998), GM-55733 (1998), GM-56521 (1999) and GM-58101 (2000)) under an option agreement with property owner Campbell Resources on the property referred to as (project 11-1119) which covered at the time, most of the claim blocks under study. During that period, SOQUEM completed a detailed compilation of all geological, geochemical and geophysical surveys along with the historical drill data. SOQUEM also carried out ground geophysical surveys before completing limited surface diamond drilling. Certain SOQUEM drill holes were also probed by Pulse EM. While drilling by SOQUEM proved remarkably successful at locating new mineralized structures, no additional work followed this initial success.

Table 3: Mines and Mineral Occurrences on the Lac Chibougamau Properties and Contiguous Claims

Name	UTM (nad 83)		**Mined**	Grade Au	Grade Cu %	**Resources**	Au	Cu %	Owner
	Easting	Northing	tonnes						
Mine Chib-Kayrand	547305	5524103	144,000	0.96 g/t	1.61 %				
Mine Principale	547830	5524553	5,877,661 t.	0.96 g/t	1.61 %	xxx			
Mine Merrill Island	548180	5524428	2,692,506 t.	0.33 g/t	2.17 %	xxx			
Copper Rand Shaft #3	548855	5524778	264,000 t.	2.74 g/t	1.74 %	454,000 t.	1.2% Zn	2.20%	
Lac Dore	549080	5525178				230,515 t.	5.24 g/t	1.23 %	
Mine Kokko Creek (1959-66)	547930	5525628	754,189 t.	0.22 g/t	1.15 %	115,000 t.	0.21 g/t	1.48 %	Globex / Chibougamau Ind. Mines
Quebec Chibougamau (1963-66)	548295	5526359	249,041 t.	2.74 g/t	1.72 %	335,000 t.	1.60 g/t	1.68 %	Globex / Chibougamau Ind. Mines
Copper Cliff Siderose	5485855	5527828				472,000 t.		0.46 %	
Cedar Bay	549655	5526978	3,782,850 t.	3.12 g/t	1.57 %	248,520 t.	5.45 g/t	0.97 %	
Mine Copper Cliff	550080	5527778	951,830 t.	0.96 g/t	1.61%	52,600 t.	0.86 g/t	1.00 %	
LD-1	550665	5526478	Cu-Au-Ag Veins						
Mine Copper Rand	552055	5526578	16,445,493 t.	2.80 g/t	1.80 %	3,328,400 t.	3.34 g/t	1.62 %	
Bateman Bay (1957-60, 1967-74)	553980	5528128	29,198 t. (678,750)	1.81 g/t	1.75 %	396,665 t.	4.35 g/t	2.64 %	Globex / Chibougamau Ind. Mines
Baie du Commencement	555226	5527329	Cu –Au veins						
Mine Jaculet	552080	5528728	1,202,119 t	1.89 g/t	1.93 %	114,000 t.	0.86 g/t	1.70 %	
Mine Henderson I	556626	5527564	1,818,976 t.	1.54 g/t	2.23 %				
Mine Henderson II	557730	5528128	6,483,479 t.	1.41 g/t	1.60 %	136,239 t.	2.16 g/t	1.70 %	
Mine Portage	558030	5528778	6,212,934 t.	3.91 g/t	1.77 %				
Veine McKenzie	557230	5528978	272,155 t.	8.20 g/t	0.92 %				
Ile Portage N-S	556330	5528403				383,858 t.	27.7 % Fe	1.3 % TiO2	
Lac Wawbana Nord	556030	5529878	Cu veins						
Baie Hematite	557630	5530103				363,000 t.		2.01 %	
Mine Grandroy (1967-75)	557430	5531428	349,238 t.	0.68 g/t	0.83 %	181,000 t.		1.50 %	Globex / Chibougamau Ind. Mines
Valiquette	559606	5531532	Cu-Zn VMS						Globex / Chibougamau Ind. Mines
Sulphur Converting	561830	5529528	Cu-Zn VMS						Globex / Chibougamau Ind. Mines
Baie Magnetite N-S	563105	5529303				150,000,000	27.6% Fe	1.1% TiO2	Globex / CIM
Roycam	563553	5529465	Cu veins						Globex / Chibougamau Ind. Mines
Zone K-1	559774	5529390	Cu –Au - Ag veins						Globex / Chibougamau Ind. Mines
Zone K-3	559774	5528487	Au veins						Globex / Chibougamau Ind. Mines
Ile Marguerite Sud	559407	5527206	Ni-Cu (magmatic)						Globex / Chibougamau Ind. Mines
Ile Marguerite	560572	5527121	Au veins						Globex / Chibougamau Ind. Mines
Zone T-4	555471	5526155	Cu - Au veins						
1119-95-01 (S2)	557077	5524447	Au-Cu veins						Globex / Chibougamau Ind. Mines
Mine S-3 (1987-90)	556480	5525078	316,732 t.	6.16 g/t	0.40 %				Globex / Chibougamau Ind. Mines
1119-95-05	554573	5525366	Au veins						Globex / Chibougamau Ind. Mines
Zone T-10 (Tommy-Yorkan)	553969	5524583				449,095 t.	2.38 g/t	0.908 %	Globex / Chibougamau Ind. Mines
Zone T-9						50,000 t.		2.10 %	Globex / Chibougamau Ind. Mines
Zone T-8						440,000 t.	8.48 g/t		Globex / Chibougamau Ind. Mines
1119-94-07	554093	5524392	Ag-Pb-Zn veins						Globex / Chibougamau Ind. Mines
1119-94-12	552289	5523441	Cu-Au-Ag veins						
Berrigan	542730	5532303	Au-Ag-Zn veins						Globex / Chibougamau Ind. Mines

SOQUEM's detailed exploration work covered the Grandroy Mine (1995 & 1999), Ile Marguerite (1995), K-Zones (1993, 1994, 1996, 1997, and 1998), Québec Chibougamau (2000), S-Zones (1994, 1995, and 1996), Sulphur converting (1993, 1995) and the T-Zones (1993, 1994, and 1995). GM-30635 summarized the work completed on Mont Sorcier in 1974 by Campbell Chibougamau Mines Ltd. The company Camchib Resources Inc. completed work on Ile Marguerite in 1988 (GM-47564).

SOQUEM carried out the following surface exploration work.

1992

- Geological and geophysical compilation over most of the claims now comprising the Lac Chibougamau Properties

1993

- Line cutting over Lac Chibougamau and Magnetite Bay sector; 340 km
- Induced Polarization ("IP") survey 315 km (SAGAX) along with compilation of IP axes (GM-52103)
- Drilling completed by SOQUEM (GM-52441)

Hole #	Easting	Northing	Az / Dip / Length	Structure
SC-83-09 EXT	561774	5529770	184 / -45 / 390.0 m	Sulphur Converting
1119-93-01	562144	5529729	180 / -55 / 382.0 m	Sulphur Converting
1119-93-02	561975	5529887	180 / -67 / 633.0 m	Sulphur Converting
1119-93-03	562262	5529922	180 / -65 / 62.0 m	Sulphur Converting
1119-93-04	562262	5529922	180 / -68 / 579.0 m	Sulphur Converting
1119-93-05			030 / -60 / 200 m	Kokko Creek

- Pulse-EM of holes SC-83-09 ext and 1119-93-01
- Refreshing 28 km of grid lines on Mont Sorcier, geological mapping of Mont Sorcier along with island in Lac Chibougamau to explain IP anomalies
- Stripping on the newly discovered gold showing (East of Sulphur Converting)

1994

- Compilation of Max-Min II surveys completed by Camchib Resources Inc. (Project 11-119; D. Bernard / SOQUEM)
- Drilling completed by SOQUEM to test geophysical anomalies (GM 53360, -362)

Hole #	Easting	Northing	Az / Dip / Length	Structure
1119-94-01	553692	5524588	360 / -48 / 200 m	S-T Zones
1119-94-02	555889	5524737	360 / -55 / 304 m	30.44 g/t Au / 0.25 m
1119-94-03	557850	5523807	090 / -45 / 161 m	S-T Zones
1119-94-04	553099	5523881	000 / -45 / 152 m	S-T Zones
1119-94-05A	552289	5523526	000 / -45 / 34 m	S-T Zones
1119-94-05	552289	5523526	360 / -45 / 237 m	S-T Zones
1119-94-06	554897	5524103	360 / -45 / 343 m	S-T Zones
1119-94-07	554093	5524393	000 / -51 / 371 m	S-T Zones
1119-94-08	554700	5523801	360 / -52 / 252 m	S-T Zones
1119-94-09	554298	5523970	360 / -58 / 280 m	12.44 g/t / 3.70 m

1119-94-10	554484	5525322	360 / -45 / 233 m	S-T Zones
1119-94-11	558632	5524002	090 / -45 / 164 m	S-T Zones
1119-94-12	552289	5523441	000 / -45 / 398 m	S-T Zones
1119-94-13	560572	5527120	300 / -44 / 276 m	Vein like McKenzie, 1.59 g/t Au / 3.20 m
1119-94-14	562932	5525460	090 / -48 / 212 m	S-T Zones
1119-94-15	566058	5527170	360 / -45 / 273 m	S-T Zones
1119-94-16	560586	5525040	090 / -45 / 171 m	S-T Zones
1119-94-17	562919	5528398	300 / -45 / 200 m	S-T Zones
1119-94-18	554300	5523870	000 / -46 / 208 m	T-10 North
1119-94-19	554220	5523909	000 / -46 / 170 m	T-10 North
1119-94-20	554380	5523902	000 / -46 / 176 m	T-10 North
1119-94-21	554140	5523907	000 / -46 / 267 m	T-10 North

- Low Power Borehole Transient EM surveys were completed on the above # 4, 6, 7, 8, 9, 10 and 12 holes. (GM 53358)
    - DDH 1119-94-04: No zone of geophysical interest detected in this hole
    - DDH 1119-94-06: Two zones of geophysical interest were detected in the surveys of this hole; Zone "A" is a strong off hole edge conductor likely associated with a graphitic conductor tested in the borehole. Focused near 30 m downhole depth, Zone A would extend south and west of the borehole, showing best coupling with the west loop and reverse coupling with the north loop. Zone "B" is a strong off hole anomaly best energized by the collar loop. The center of Zone B would be located approximately 20 m perpendicular from 120 m downhole depth WSW of the borehole. The directional loop responses indicate Zone B has limited surface area.
    - DDH 1119-07: One zone of geophysical interest was detected in the surveys of this hole. Zone "A" is a strong in hole edge conductor likely associated with a sulphide conductor tested in the borehole. Focused near 300 m downhole depth, Zone A extends south of the borehole, showing reverse coupling with the North Loop.
    - DDH 1119-94-08: One zone of geophysical interest detected in the hole. Zone "A" is a strong off hole anomaly focused near 190 m downhole depth. Zone A would extend 20 m (?) south and west of the borehole, showing best coupling in the west loop.
    - DDH 1119-94-09: No zones of interest detected by the surveys.
    - DDH 1119-94-10: One zone of geophysical interest detected in the hole. Zone "A" is a weak off hole anomaly focused near 180 m downhole depth. Zone A would extend 50 m (?) south and east of the borehole, showing reverse coupling with the west and north loops.
    - DDH 1119-94-12: Two zones of geophysical interest detected in the surveys of this hole. Zone "A" is a weak in hole/edge anomaly focused near 180 m downhole depth. Zone "B" is an off hole anomaly only responding with the West loop coupling. The zone is centered near 310 m downhole depth. Though the response is a late channel response, the low background level of secondary field suggests a low priority TEM target.

1995

- Diamond drilling, 7 holes on the S-Zone

Hole #	Easting	Northing	Az / Dip / Length	Structure
1119-95-01	557078	5525446	360 / -50 / 398 m	S-Zones
1119-95-02	556927	5524792	020 / -55 / 581 m	S-Zones
1119-95-03	557035	5526147	360 / -50 / 166 m	S-Zones
1119-95-04	555810	5525668	030 / -60 / 243 m	S-Zones
1119-95-05	554571	5525365	030 / -50 / 188 m	S-Zones
1119-95-06	559423	5531053	180 / -50 / 249 m	S-Zones
1119-95-07	560517	5527447	116 / -45 / 144 m	S-Zones
1114-95-01	559610	5531725	360 / -50 / 189 m	Sulphur Converting
1114-94-02	559617	5531298	180 / -50 / 195 m	Sulphur Converting
1114-94-03	556463	553384	180 / -60 / 300 m	Sulphur Converting

1996

- Exploration and compilation. Structures investigated: Henderson 1 & 2, S-2, K-1, K-2, K-3 and K-4 (GM 54002 gives a good description of the different mineralized zones at Henderson)
- Surface diamond drilling was completed from the ice on Lac Chibougamau

Hole #	Easting	Northing	Az / Dip / Length	Structure
1119-96-01				
1119-96-02	556328	5526273	320 / -55 / 402 m	K-Zones
1119-96-03	555471	5526156	320 / -55 / 417 m	Possibly the SW extension of Henderson Mine
1119-96-04	556684	5525430	000 / -50 / 417 m	K-Zones
1119-96-05	559775	5528485	340 / -55 / 276 m	K-Zones (K-3)
1119-96-06	559616	5529259	312 / -55 / 387 m	K-1 Zone; New Zone: 9.21 g/t Au / 0.55 m
1119-96-07	559314	5529412	000 / -55 / 357 m	K-2 Zone; New Zone: 4.60 g/t Au / 0.85 m
1119-96-08	559775	5529387	312 / -55 / 168 m	K-Zones (K-1)

1997

- Surface diamond drilling was completed from the ice on Lac Chibougamau

Hole #	Easting	Northing	Az / Dip / Length	Structure
1119-97-01	559900	5529542	312 / -55 / 405 m	K-Zones
1119-97-02	559851	5529321	312 / -55 / 369 m	K-Zones
1119-97-03	559691	5529193	312 / -55 / 309 m	K-Zones
1119-97-04	559567	5529037	312 / -55 / 522 m	K-Zones
1119-97-05	559756	5529270	312 / -55 / 366 m	K-Zones

1998

GM-56521: SOQUEM (1998) completed surface work around the Grandroy mine. Ground geophysics including Induced Polarization (IP) was carried out in an east-west direction in order to identify gold-bearing N-S structures similar to some of the mineralized veins within the Grandroy intrusion. Numerous trenches were dug to investigate IP anomalies and limited drilling was also completed confirming the potential of mineralized N-S structures. These structures usually carry 1% to 5% pyrite, 1% to 5% magnetite associated to quartz veining and also breccia. The best values from drilling were: 0.67 g/t Au over 4.5 m (including 1.46 g/t Au over 1.5 m); 0.25 g/t Au over 6.0 m (including 0.74 g/t Au over 1.5 m), 1.03 g/t Au over 4.0 m, 1.97 g/t Au over 1.5 m and 1.09 g/t Au over 1.0 m. These gold intersections are located within the Grandroy intrusion.

Hole #	Easting	Northing	Az / Dip / Length	Structure
1114-98-01	559900	5529542	270 / -45 / 139 m	Grandroy
1114-98-02	558138	5531963	270 / -40 / 174 m	Grandroy
1114-98-03	556956	5531346	270 / -45 / 122 m	Grandroy
1114-98-04	559984	5531309	155 / -40 / 129 m	Grandroy
1114-98-05	567211	5531885	150 / -45 / 144 m	Grandroy
1119-98-01	559999	5529191	312 / -60 / 696 m	K Zones
1119-98-02	560247	5529481	312 / -60 / 602 m	K Zones

2000

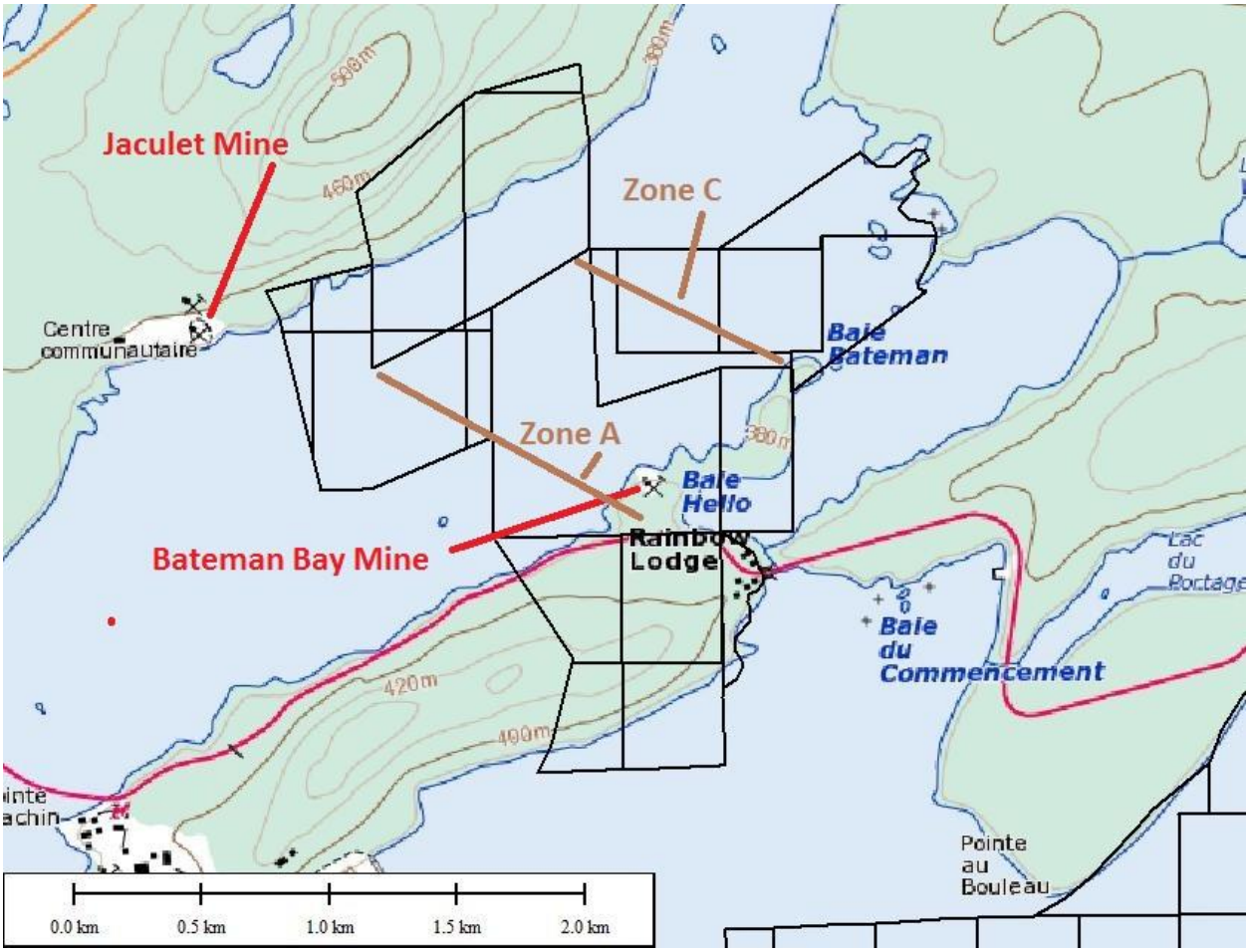
Three drill holes from the Québec Chibougamau Gold Mines (QC-17, QC-19 and QC-25) were re-sampled by SOQUEM. The core from drill hole QC-17 to QC-46 was reviewed by SOQUEM. The drilling was completed by Camchib Resources Inc. during the period of 1981 to 1983 on mining concession CM 437.

Further details on the previous work completed on the claims under study during the period of 1930's to 1980's is documented within the Ministry's assessment work files (Sigeom). The large land holding has been arbitrarily divided into sectors based on "mineralized occurrences", in order to simplify the description. The different occurrences are presented in alphabetical order and not by level of importance.

Bateman Bay (Au-Ag-Cu)

The Bateman Bay (Au-Cu-Ag) mine & two former mining blocks which were part of the former Jaculet mine, are now part of one property (Figure 3). These claims adjoin the Bateman Bay Mine property to the west and cover 2/3 of the mine horizon which runs from Jaculet mine to Bateman Bay Mine. The block of claims straddles the boundary between Roy and McKenzie townships in the heart of the Chibougamau mining district. The following pertinent information has been summarized from the Ministry files and internal reports made available to the Author.

Figure 3: Sketch of the Bateman Bay Property



Historical exploration and development work.

Year	Document	Description
	Bateman Bay	
1970	ES-008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1976	DPV-368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QUEPUB – M.E.R.** publication
1993	DV-93-01	Rapport des Géologues Résidents sur l'activité Minière Régionale; **QERPUB – M.E.R.** publication
1967	ES-002	Annotated Bibliography on Metallic Mineralization in the Regions of: NORANDA, MATAGAMI, VAL D'OR, CHIBOUGAMAU; **DEPARTMENT OF NATURAL RESOURCES;** Special Paper 2
1955	GM-03350	Report on **BATEMAN BAY MINING COMPANY** Roy and McKenzie Townships,

		Chibougamau area; Québec; Graham, R.B.
1955	GM-03489	Preliminary Report on Magnetic and Electro-Magnetic Survey carried out on **BATEMAN BAY MINING CO LTD** Roy & McKenzie Townships, Chibougamau area, Québec; Sheppard, E. P.; Geo-Technical Development Company Ltd.
	GM-3515A	
1956	GM-04078	Report on **BATEMAN BAY MINING COMPANY** Roy and McKenzie Townships, Chibougamau area; Graham, R.B.
1956	GM-04136-A	Report on the Magnetometer, Resistivity and Electro-Magnetic Surveys on the property of **BATEMAN BAY MINING COMPANY**, McKenzie and Roy Townships, Chibougamau area Québec. Graham, R.B.
1956	GM-04136-B	Diamond Drill Record, **BATEMAN BAY MINING COMPANY**; ddh -1, -2, -4, -5, -5A, -6, -7, -8, -9, -10, -11, -12, -13, -14, -15, -16, -17, -18
1956	GM-04136-C	Diamond Drill Record, **BATEMAN BAY MINING COMPANY**; ddh -19, -19A, -20, -21, -22, -23, -24, -25, -26, -27, -27A, -28, -29, -30, -34, -36, -38, -40, -41, -42, -43, -45, -44, -46, -47, -48, -49, -50, -51, -52, -53, -54, -55A, -56, -57A, -58, -59, -60, -61, -62, -63, -64
1956	GM-04274	**BATEMAN BAY COMPANY**, letter by Assad, R.
1956	GM-04341-A	Report on the **BATEMAN BAY COMPANY**, Roy & McKenzie Townships, Bridger, J. R.
1957	GM-04341-C	Diamond Drill Record, **BATEMAN BAY MINING COMPANY;** ddh -66, -67, -68, -69, -70, -71, -72, -73, -74, -75, -76, -77, -78, -79, -80, -81, -82, -83, -84, -85, -86, -87, -88, -89, -90, -91, -92, -93, -94, -95, -96, -97, -100, -101, -102, -103, -104, -105, -106, -107, -108, -109, -110, -111, -112, -113, -114, -115, -116, -117, -118, -119, -120, -121, -122, -123, -124, -125, -126, -127, -128,-129, -130, -131, -132, -133, -134, -135, -136, -137, -138, -139, -140, -141, -142, -143, -144, -145, -146, -147, -148, -149, -150, -151, -152, -153, -154, -155, -156, -157, -158,-159, -160, -161, -162, -163, -164, -165
1957	GM-04788-A	Report on the Electro-Magnetic drill hole Logging on the Property of **BATEMAN BAY MINING COMPANY,** McKenzie and Roy Townships, Chibougamau Area, Québec; Nicholls, E.B. (Geo-Technical Development Company Limited)
1957	GM-04788-B	Diamond Drill Logs **BATEMAN BAY MINING COMPANY** ; ddh -166, -167, -168, -169, -170, -171, -172
1956	GM-04892	Geological Report **CHIBTOWN COPPER CORP.**; Harris, J.J., Robertson, J.A. et al.
1957	GM-05390	**BATEMAN BAY MINING COMPANY**; Roy & McKenzie Twps, QUÉBEC; Bridger. J.R.
1957	GM-05398	Preliminary Report, **BATEMAN BAY MINING CO.**; Archibald, G.M.
1957	GM-05671	Report on Electromagnetic Check Survey over Three Portions of Property of **BATEMAN BAY MINING COMPANY**; Doré and Chibougamau Lake, North-Western Québec; Maurice, O.D.
1958	GM-07577	Summary Report, **BATEMAN BAY MINING CO. LTD**, Bridger, J.R.
1959	GM-09070	Summary Report on **BATEMAN BAY MINING COMPANY LTD.**, Roy Township, QUÉBEC, Bridger, J.R.
1960	GM-09662	Application for Mining Concession by **BATEMAN BAY MINING COMPANY**, Chibougamau, Québec; Bridger, J.R.
1936	GM-10908-A	**NORLAKE MINING CORP. & VALLIERE CLAIMS** Sketch Plan, SCALE 1" = 400'
1936	GM-10908-B	Report of Work Including a Resume of DDH and Assay Results ; **NORLAKE MINING CORP.**; Ferguson, M.M.; Hotchkin, W. (Locations of original drilling) ddh -1, -2, -3, -4, -5, -A, -B, -C, -D, -F, -G, -H, -I, -J, -K, -L, -M, -N, -O, -P, -Q,-R, -S, -V, -W, -Y, -Z
1964	GM-14360	Diamond drill hole Logs, **BATEMAN BAY MINING CO / PATINO MINING CORP.**, Alexander, R.L.; M-1, M-2
1964	GM-14791	Diamond Drill Holes Logs with Assay Results **BATEMAN BAY MINING CO / PATINO MINING CORP.;** Duquette, G.
1966	GM-25127	Fiche de Gites, Gite C-MCK-24, **QERDEM**; Duquette, G.

1969	GM-25756	Diamond drill Hole, Jaculet Property, **BATEMAN BAY MINING CO / COPPER RAND CHIBOUGAMAU / PATINO MINING CORP.** (UNDERGROUND DRILL HOLE) 9B-11, 9B-14, 9B-15, 9B-16, 9B-27, 9B-31, 9B-41, 9B-42
1970	GM-26618	Diamond Drill Holes, **BATEMAN BAY MINING CO. / COPPER RAND / PATINO MINING CORP. ;** Tenney, D. **;** R-146 (SURFACE) ; 9B-50, 9B-51, 9B-56, 9B-57, 9B-58, 9B-61, 9B-62, 9B-64, 9B-65, 9B-66 (UNDERGROUND)
1992		Diamond Drilling, Bateman Bay Property; **RESSOURCES ROBEX INC.;** BB-92-200, BB-92-201, BB-92-202, BB-92-203, BB-92-204, BB-92-205, BB-92-206, BB-92-207, BB-92-208
	GM-27841	Cancelled
1998		Geophysical Surveys, Bateman Bay Property; **AMBLIN RESOURCES INC.;** McKenzie and Roy Townships, March 1998; Exploration Services
2005	GM-62044	Levé de Polarisation Provoquée / Résistivité; **RESSOURCES MSV INC.;** propriété Jaculet: Abitibi Géophysique, Octobre 2005
2005	GM-62045	Levés Magnétométriques et EMH; **RESOURCES MSV INC.;** propriété Jaculet, Septembre 2005; Abitibi Géophysique
1960	RG-095	South Half of McKenzie Township. **QERPUB – M.E.R.** publication, Allard, G.O.; Smith, J.R.
1957	RP-352	Description of Mining Properties visited during 1956, **QERPUB – M.E.R.** publication, Assad J.R.

Brief history on the Bateman Bay property

1936 – Three drill holes and an electromagnetic survey were completed by Norlake Mining Corporation.
1955-1956 – Bateman Bay Mines was incorporated and 64 drill holes were completed.
1956-1957 – Important surface diamond drilling campaign and historical "resource" delineated. 694,690 tons grading 2.05% Cu, 0.09 opt Au and 0.456 opt Ag located within five mineralized zones. (average width 9.7 feet)
1957–1960 – In 1957, an additional 108 holes were drilled. Soon after, a vertical 3-compartments shaft was sunk to a depth of 525 feet with lateral developments established on three levels (250, 375 & 500). 13 drill holes were completed from level 500. A 14,000 tons bulk sample was collected from zone A-3 (1959-1960).
1967 – Patino Mining Ltd optioned the property.
1967-1971 – An access drift (6,560 feet long) was established from level 900 feet at Jaculet mine to reach underneath the 500 feet Bateman Bay shaft which was extended to 900 feet, to meet with the access drift. Raises established on level 250 and 375. Sampling was carried out followed by mining 12,797 tons from the A-3 zone during the period of 1968 to 1977. For the 27,051 tons mined from 1959 to 1977, the grade was 1.81% Cu and 0.051 opt Au and 0.457 opt Ag.
1972 – Two (2) surface drill holes to intersect the "C" zone at a vertical depth of 1,000 feet.
1977 – A cement block was installed along the bottom drift, at the property limit with Jaculet, and the mine was flooded.
1987 – Westminer bought the assets of Northgate.
1991 – Bateman Bay optioned to property to Ressources Robex Inc.
1991-1992 – With an increase in the price of gold, a new campaign of surface diamond drilling was initiated on the property along with a compilation of all available data. Robex had access to all original technical information on the project (including channel sampling and statistics on monthly production for the period of 1968 to 1977). A new estimate of "reserves", historical in nature, non NI 43-101 compliant, totaled 396,665 tons grading 2.64% Cu, 0.127 opt Au mainly in Zone "A-3". New drilling was recommended to increase resources.
1998 – Ground magnetic and horizontal electromagnetic surveys were completed by Amblin Resources Inc.
2006 – Bateman Bay property acquired by Globex Mining Enterprises Inc. who carried out, in April 2007, an airborne survey including the surrounding claims up to and including the Grandroy property further to the northeast.

Copper Cliff Extension (Au-Cu)

The claim block acquired by Globex lies immediately adjacent to the east of the Copper Cliff shaft and covers part of the underground workings going eastward (Figure 4).

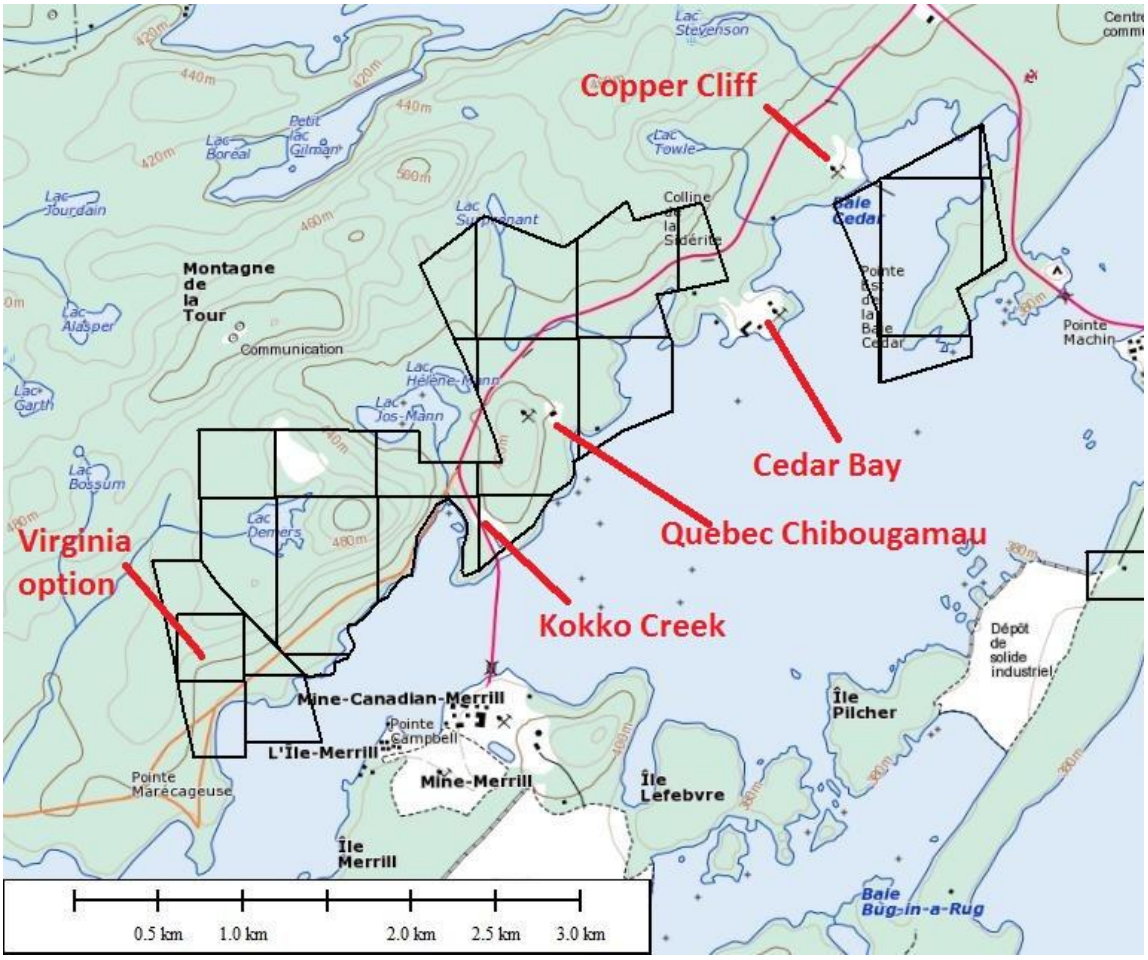
Historical exploration and development work

Year	Document	Description
	Copper Cliff	
1970	ES-008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1976	DPV-368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QERPUB – M.E.R**. publication
1985	DV-85-08	Gites Minéraux à Tonnage Évalué et Production Minérale du Québec; **QERPUB – M.E.R.** publication; Lavergne, C.; MRN
1967	ES-002	Annotated Bibliography on Metallic Mineralization in the Regions of: NORANDA, MATAGAMI, VAL D'OR, CHIBOUGAMAU; **DEPARTMENT OF NATURAL RESOURCES;** Special Paper 2
1950	GM-00985	Report on Resistivity Survey, **CORBETT GROUP** of Claims, McKenzie Township, Province of Québec; McCannell, J.D. of Geo-Technical Development Company Limited
1952	GM-02032-B	Diamond Drill Hole Log, **COPPER CLIFF** , Corbett claims; ddh C-1, C-2, C-3, C-4
1953	GM-02426	Diamond Drill Log **COPPER CLIFF CONS MINING CORP.**; C-10, C-11, C-12, C-13, C-14, C-15, C-16, C-17, C-18, C-19, C-20, C-21, C-22, C-23,C-24, C-25, C-26, C-27, C-28, C-29, C-30, C-31, C-32, C-33, C-34, C-35, C-5, C-6, C-7, C-8, C-9, D-3,D-4, D-5, D-6, DQ-1, DQ-2, DQ-3, DQ-4, DQ-5, DQ-6, DQ-7, DQ-8, DQ-9, G-1, G-2
1955	GM-03805-A	Diamond Drill Record, **NEW ROYRAN COPPER MINES**, Bidgood, N.; CR-1A, CR-2, CR-3,
1956	GM-04892	Geological Report, **CHIBTOWN COPPER CORP.**; Harris, J.J.; Robertson, J.A.; Smith, J.R.; Way, H.G.
1956	GM-05197	Diamond drill logs **CHIB-KAYRAND COPPER MINES LTD / COPPER RAND CHIBOUGAMAU MS LTD / NEW ROYRAN COPPER MINES**; ddh A-144, A-145, A-146, A-147, A-148, A-149, A-150, A-151, A-152, A-153, A-154, A-155, A-156, A-157, A-157W, A-158, A-159, A-160, A-160A, A-161, A-162, A-163, A-164, A-165, A-165W, A-166, A-167, A-168, A-169, A-170, A-172, A-173, A-174, A-175, A-176, A-177, A-178, A-179, A-180, A-181, A-182, A-183, A-184, A-185, A-186, DQ-36, DQ-37, DQ-38, DQ-39, DQ-40, DQ-41, DQ-42, DQ-43, DQ-44, DQ-45, DQ-46, DQ-47, DQ-48, DQ+49, DQ-50, DQ-51, DQ-52, DQ-53, DQ-54, DQ-55, DQ-56, DQ-57, DQ-58A, DQ-59, DQ-60, DQ-61, DQ-62, DQ-63, QS-20, QS-21, R-37, R-39, R-43, R-45, R-46, R-48, R-51, R-52, R-53, R-55, R-56, R-57, R-58, R-59, R-60, R-61, R-65, R-70, R-73, R-78, R-79, R-80, R-81, R-82, R-83
1958	GM-06448-A	Airborne EM Survey, **COPPER RAND CHIBOUGAMAU MS LTD / QUÉBEC SMELTING & REFINING LTD**; Sulmac Expl Services Ltd; Prendergast, J.B.
1959	GM-06448-B	Diamond Drill Logs; **BAKER TALC LTD / COPPER RAND CHIBOUGAMAU MS LTD**; Pudifin, A.D.; BC-1, BC-2
1958	GM-06448-C	Ddh, **CHIB-KAYRAND COPPER MINES LTD / COPPER RAND CHIBOUGAMAU MS LTD**; GG-1
1958	GM-07741-A	Geology Report and Assays **BAKER TALC LTD, COPPER RAND CHIBOUGAMAU MS**

		LTD, Capraru, G.M.
1935	GM-07989	Geological Report, **LAKE DORÉ MINES LTD**; Coleman, C.L.
1961	GM-11696	Diamond Drill Hole Logs and Assays Results **COPPER RAND CHIBOUGAMAU MS LTD, PORTAGE ISLAND CHIBOUGAMAU ML**; P-246, R-100, R-101, R-96, R-97, R-98, R-99 (+ other underground drill holes)
1966	GM-25120	Geological Survey, Fiche de Gite **MRN / PATINO MINING CORP.** Duquette, G.
1996	GM-54261	Journaux de Sondage, Projet Colline de Siderite, **RESSOURCES MASTON INC. / RESSOURCES MSV INC.**; SD-95-1, SD-95-02, SD-95-3, SD-95-4, SD-95-5, SD-95-6, SD-95-7, SD-95-8, SD-95-9, SD-95-10, SD-95-11, SD-95-12, SD-95-13, SD-95-14, SD-95-15, SD-95-16, SD-95-17, SD-95-18, SD-95-19, SD-95-20, SD-95-21, SD-95-22, SD-95-23, SD-95-24, SD-95-25, SD-95-26, SD-95-27, SD-95-28, SD-95-29, SD-95-30, SD-95-31, SD-95-32, SD-95-33, SD-95-34, SD-95-35, SD-95-36, SD-95-37, SD-95-38, SD-95-39, SD-95-41, SD-95-42, SD-95-43, SD-95-44, SD-95-45, SD-95-46, SD-95-47, SD-95-48
1988	MB-88-04	Le Rutile, une substance en Demande; **QERPUB – M.E.R.** Lasalle, Y.
1960	RG-095	South Half of McKenzie Township. **QERPUB – M.E.R.** publication, Allard, G.O.; Smith, J.R.
	Lac Towle	
1970	ES-008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1976	DPV-368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QUEPUB – M.E.R**. publication
1967	ES-002	Annotated Bibliography on Metallic Mineralization in the Regions of: NORANDA, MATAGAMI, VAL D'OR, CHIBOUGAMAU; **DEPARTMENT OF NATURAL RESOURCES;** Special Paper 2
1948	GM-00390	Report on Cedar Bay Group **QUÉBEC SMELTING & REFINING LTD**, Morgan, J.H.
1953	GM-02426	Diamond Drill Log **COPPER CLIFF CONS MINING CORP.**; C-10, C-11, C-12, C-13, C-14, C-15, C-16, C-17, C-18, C-19, C-20, C-21, C-22, C-23,C-24, C-25, C-26, C-27, C-28, C-29, C-30, C-31, C-32, C-33, C-34, C-35, C-5, C-6, C-7, C-8, C-9, D-3,D-4, D-5, D-6, DQ-1, DQ-2, DQ-3, DQ-4, DQ-5, DQ-6, DQ-7, DQ-8, DQ-9, G-1, G-2
1956	GM-04892	Geological Report, **CHIBTOWN COPPER CORP.**; Harris, J.J.; Robertson, J.A.; Smith, J.R.; Way, H.G
1956	GM-05197	Diamond drill logs **CHIB-KAYRAND COPPER MINES LTD / COPPER RAND CHIBOUGAMAU MS LTD / NEW ROYRAN COPPER MINES**; ddh A-144, A-145, A-146, A-147, A-148, A-149, A-150, A-151, A-152, A-153, A-154, A-155, A-156, A-157, A-157W, A-158, A-159, A-160, A-160A, A-161, A-162, A-163, A-164, A-165, A-165W, A-166, A-167, A-168, A-169, A-170, A-172, A-173, A-174, A-175, A-176, A-177, A-178, A-179, A-180, A-181, A-182, A-183, A-184, A-185, A-186, DQ-36, DQ-37, DQ-38, DQ-39, DQ-40, DQ-41, DQ-42, DQ-43, DQ-44, DQ-45, DQ-46, DQ-47, DQ-48, DQ+49, DQ-50, DQ-51, DQ-52, DQ-53, DQ-54, DQ-55, DQ-56, DQ-57, DQ-58A, DQ-59, DQ-60, DQ-61, DQ-62, DQ-63, QS-20, QS-21, R-37, R-39, R-43, R-45, R-46, R-48, R-51, R-52, R-53, R-55, R-56, R-57, R-58, R-59, R-60, R-61, R-65, R-70, R-73, R-78, R-79, R-80, R-81, R-82, R-83
1961	GM-11696	Diamond Drill Hole Logs and Assays Results **COPPER RAND CHIBOUGAMAU MS LTD, PORTAGE ISLAND CHIBOUGAMAU ML**; P-246, R-100, R-101, R-96, R-97, R-98, R-99 (+ other underground drill holes)
1966	GM-25121	Fiche de Gites **QERDEM** mining exploration files, Duquette, G.
1974	GM-29448	Summary of Work undertaken during 1973 **PATINO MINES (QUÉBEC) limited**, Patel, J. Chief Geologist; Diamond drill logs: 6-C-163, 1-OR-365, 1-OR-366, 1-OR-

		367, 1-OR-368, 1-OR-369, 1-OR-370, 1-OR-371, 1-OR-372, 1-OR-380, 8R-477, 8R-478, 8R-479, 8R-489, 8R-496, 8R-496A, 8R-497, 8R-498, 24-P-1, 24-P-2, 24-P-3, 24-P-4, 24-P-6, 24-P-9, 24-P-10, 8R-466, 8R-468, 8R-470, 8R-471, 8R-473, 8R-491, 8R-493, 8R-494, 8R-495, 8R-469, 8R-505, 24-R-61, 24-R-65, 24-R-76, 24R-78, 24-R-83,-24-R-84, 24-R-104, 24-R-108A, 24-R-109, 24-R-112, 9-C-143, 9-C-144, 9-C-145, 9-C-154, 9-C-155, 9-C-156
1988	GM-46635	Journaux de Sondage au Diamant, **MINES NORTHGATE INC.**, Gervais, D.; Larouche, V. et al.; F-1-87, F-2-87, F-3-87, F-4-87, F-5-87, F-6-87, S1-87-5, S1-87-8, S3-86-5, S3-86-6, Shaft #3, T-88-1
1960	RG-095	South Half of McKenzie Township. **QERPUB – M.E.R.** publication, Allard, G.O.; Smith, J.R.

Figure 4: Sketch of Kokko Creek, Québec Chibougamau Goldfields, Copper Cliff Ext. and Virginia Option Properties



Brief History on the Copper Cliff Mine

1956 – Mining operations by Copper Rand Chibougamau Mines Ltd from a 5-compartment shaft to a depth of 160 m with openings on three (3) levels (-82 m, -121 m and -160 m).
1969 – Reserves evaluated at 816,466 tonnes grading 2.15% Cu.
1970-1974 – Mines Patino extended the shaft to a depth of 494 m (3 compartments), 10 levels became accessible. During the period of 1970 to 1974, production of 864,382 tonnes grading 1.69% Cu , 0.96 g/t Au and 6.5 g/t Ag was recorded. Allard (1976) estimated the total production at Copper Cliff to amount to 1,273,819 tonnes grading 1.83% Cu.
1975 – Historical resources of 56,245 tons grading 1.00% Cu and 0.86 g/t Au are reported to remain in place.

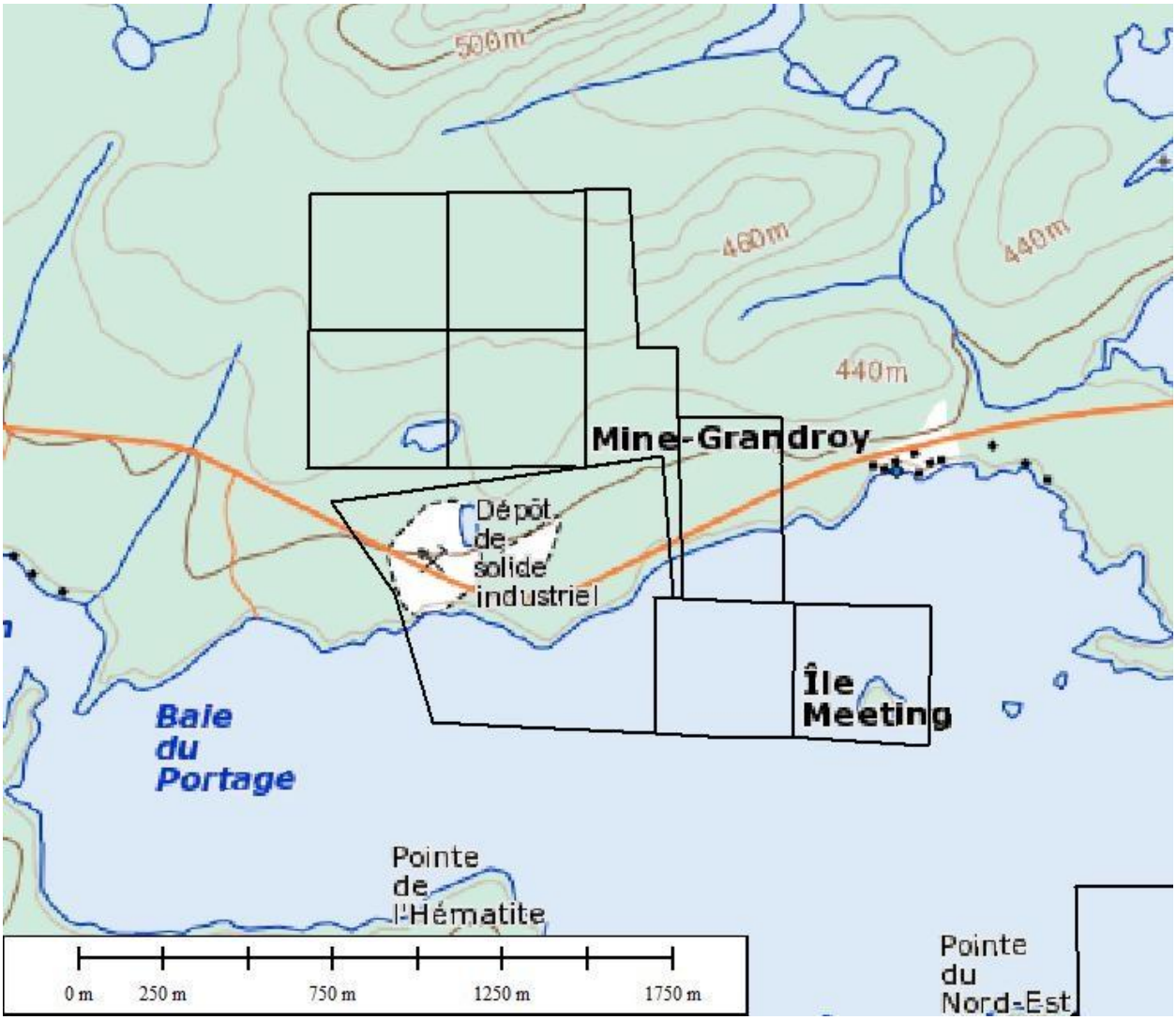
Grandroy Copper & Gold Mine (Cu-Au-Mo)

Historical exploration and development work (sketch of property, Figure 5)

Year	Document	Description
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1976	DPV 368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QUEPUB – M.E.R**. publication
1980	DPV 727	Production Minérale du Québec au 1 Janvier 1979 **QERPUB – M.E.R.** publication; Avramtchev, L.; Lebel-Drolet, S.
1985	DV 85-08	Gites Minéraux à Tonnage Évalué et Production Minérale du Québec; **QERPUB – M.E.R.** publication; Lavergne, C.
1967	ES 002	Annotated Bibliography on Metallic Mineralization in the Regions of: NORANDA, MATAGAMI, VAL D'OR, CHIBOUGAMAU; **DEPARTMENT OF NATURAL RESOURCES;** Special Paper 2
1969	ES 004	Copper in Québec; **QERPUB – M.E.R.** publication, Waddington, G.W.
1970	ES 008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1952	GM-01903	Magnetometer Survey **GRANDINES MINES LTD,** by Geo-explorers Ltd, Salt, D.J.
1953	GM-02066	Diamond Drill Logs **GRANDINES MINES LTD** Bernier, A.F.; Malouf, S.E.; 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59
1952	GM-02120	Magnetometer Survey **GRANDINES MINES LTD**, by Geo-Explorers Ltd; Honyman, K.G.; Salt, D.J.
1952	GM-02130-A	Summary Report; **GRANDINES MINES LTD,** Malouf, S.E.
1952	GM-02031-B	Diamond Drill Log; **GRANDINES MINES LTD,** 23, 24, 25, 26**,** 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42
1961	GM-11633	Report on Geological, Magnetic, Electromagnetic and Resistivity Survey **GRANDROY MINES LTD**, Baldwin, A.B.
1962	GM-11817	Diamond Drill Record **GRANDROY MINES LTD**, Boyd, J.A.; 147-8
1967	GM-19314	Summary Report on Grandroy Mines, **GRANDROY MINES LTD**, Dempsey, R.W.
1947	GM-21086	Report on the Property **ROYBAR CHIBOUGAMAU MINES LTD**; Ross, S.H.
1947	GM-21087	Diamond Drill Logs, Holes S1 – S 22; **ROYBAR CHIBOUGAMAU MINES LTD**; Hough, J.L.; McCannell, J.D. ;S-1, S-2, S-3, S-4, S-5, S-6, S-7, S-8, S-9, S-10, S-11, S-12, S-13, S-14, S-15, S-16, S-17, S-18, S-19, S-20, S-21, S-22
1966	GM-21271	Diamond Drill Logs, **CAMPBELL CHIBOUGAMAU MINES LTD, GRANDINES MINES LTD, GRANDROY MINES LTD**; Benussi, G.; G-1, G-2, G-3, G-4, G-5, G-6, G-7, G-8, G-9, G-10, G-11, G-12, G-13, G-14, G-15

1967	GM-21656	Induced Polarization and Bathymetric Survey on the Lake Claims at the Grandroy Property; **CAMPBELL CHIBOUGAMAU MINES LTD, GRANDROY MINES LTD**; Masterman, P.C.
1967	GM-21657	Surface Exploration Progress Report on the Grandroy Claims; **CAMPBELL CHIBOUGAMAU MINES LTD, GRANDROY MINES LTD**; Masterman, P.C.
1968	GM-23161	Diamond Drill Record **CAMPBELL CHIBOUGAMAU MINES LTD, GRANDROY MINES LTD**; Masterman, P.C. & Mogri, Z.; G-16, G-17, G-18, G-19, G-20, G-21, G-22, G-23, G-24, G-25, G-26
1968	GM-23162	Report on Grandroy Geology & Structure **GRANDROY MINES LTD;** Krause, C.A.; Larson, L.R.
1970	GM-26637	Diamond Drill Record; **CAMPBELL CHIBOUGAMAU MINES LTD**; Daco, A.C.; Poliscuk, V.E.; K-22, K-23, K-24, K-25
1970	GM-26638	Report on the EM 16 Geophysical Survey; **HENDERSON MINE AND ENVIRONS**; Masterman, P.C.; Watson, D
1972	GM-28549	Rapport sur les Claims du Groupe Sulphur Converting; **CAMPBELL CHIBOUGAMAI MINES, SULPHUR CONVERTING CORP.** ; Budrevics, V; Kloeren, C.J., Morasse, M
1975	GM-30765	Geology, Geophysics, Drilling, Roy project; **CAMPBELL CHIBOUGAMAU MINES LTD**; Sethuraman, K.; GR-57, GR-58, GR-59
1976	GM-32723	Geology, Geophysics, Drilling, Roy Project; **CAMPBELL CHIBOUGAMAU MINES LTD**; Betz, J.E.; Hamilton, W.; GR-64, GR-65, GR-67
1977	GM-33409	Progress Report, 1977 Exploration Program, Roy Project, Main Block; **CAMPBELL CHIBOUGAMAU MINES LTD**; Hamilton, W.; GR-68, GR-69, GR-70, GR-71, GR-72, GR-73, GR-74
1982	GM-40712	Drilling Program, Report on Roy Project; Grandroy Extension; **MINES CAMCHIB INC.;** GR-84
1995	GM-53822	Campagne de Décapage et Sondage, Automne 1994 – Hiver 1995, Propriété Valiquette (1114), **SOQUEM, TECHNI-LAB;** Poitras, S.; 1114-95-01, 1114-95-02, 1114-95-03
1999	GM-56521	Rapport Annuel d'Exploration, Propriété Valiquette (1114); **SOQUEM INC.;** Pouliot, J.F.; 1114-98-01, 1114-98-02, 1114-98-03, 1114-98-04, 1114-98-05
1949	RP 227	Mining Properties and Development in Abitibi and Temiscamingue Counties During 1946 and 1947, **M.R.N.;** Ingham, W.N.; Robinson, W.G.; Ross, S.H.
1953	RP 287	Mining Properties and Development in the Chibougamau Region, Abitibi-east and Roberval Counties During 1952; **M.R.N.;** Graham, R.B.
1958	RP-370	Preliminary Report on the Southwest Quarter of Roy Township, Abitibi-East Electoral District; **M.R.N.;** Horscroft, F. D. M.;
1958	RP 371	Preliminary Report on the Lead Zinc Deposits of the Province of Québec; **M.R.N.;** Sater, G.S.

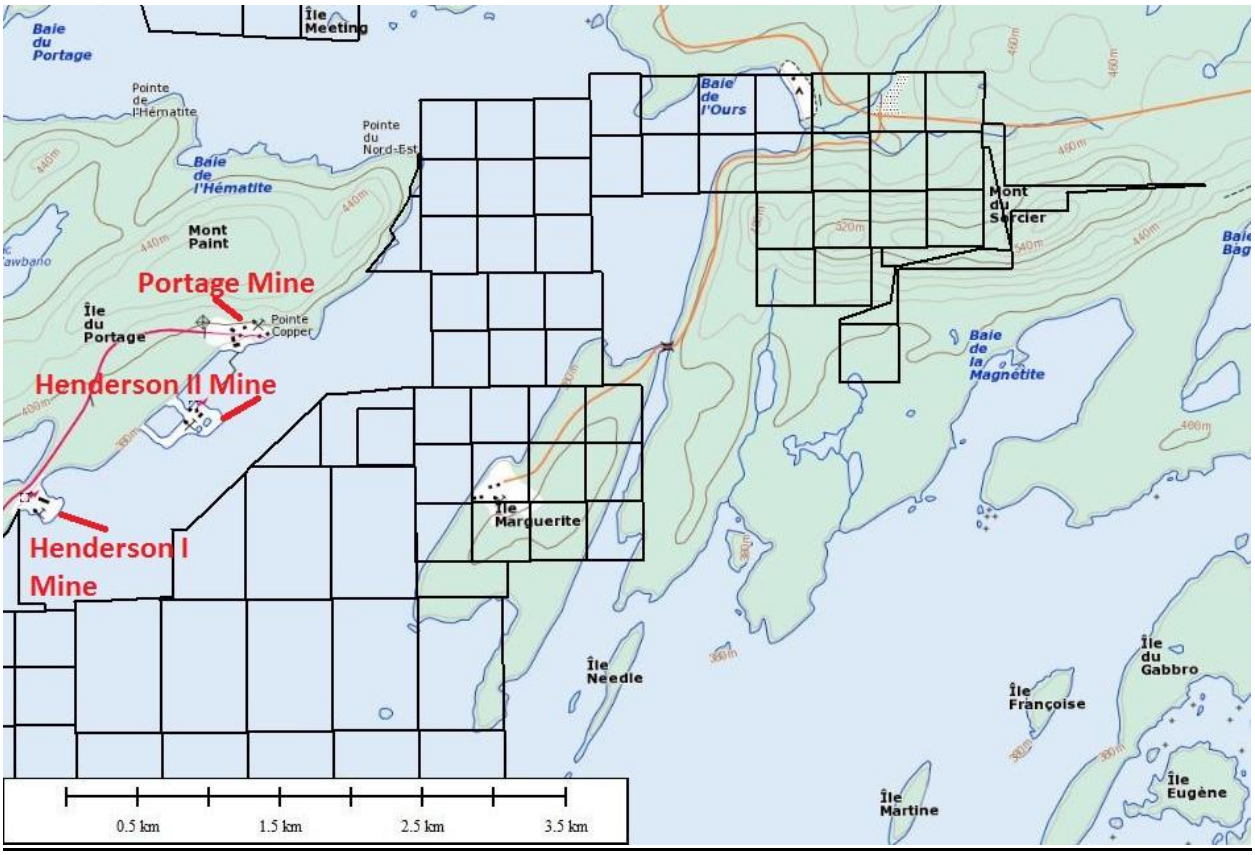
Figure 5: Sketch of the Grandroy Mine Property



Brief History

1944 – 1952 The area of the mine was covered by a full array of geophysical surveys (Mag., EM, and Resistivity). Surface mapping was also completed. Twenty-two drill holes totalling 2,729 m were completed.
1959 – 1967 From 1959 to 1967 Campbell Chibougamau explored the area around the mine block and performed additional geophysical surveys (IP) which located an anomaly east of the present pit area. 48 holes in the G and GR series were drilled largely on this "East Anomaly" area.
1967 Open pit mining started on the main ore body in February 1967 and ceased in May 1968 due to high costs caused by an ever increasing waste to ore ratio.
1970 – 1975 From 1970 to 1975 a spiral decline to a depth of 230 feet below the pit floor was used to continue production. A total of 385,047 tons grading 1.24% Cu and 0.02 opt Au were mined from the altered porphyry. A new copper-gold zone was discovered in 1973 – 1974 approximately 400 m south of the open pit. The best intersections for gold were: GR-47 intersected 0.464 opt Au & 0.14% Cu over 4.1 feet and GR-48 which intersected 0.125 opt Au and 0.20% Cu over 11.2 feet.
1974 – 1977 Further geophysical test work (HLEM, Mag.) and geological surveys. Seven (7) additional drill holes were collared in the mine area (GR-68 to GR-74).
1981 Four (4) holes (GR-78 to GR-81) tested the mine zone to a vertical depth of 335 m. Low copper-gold values over narrow widths were intersected in the granite and Grandines Shear Zone. One hole GR-80 is reported to have intersected about 30 m of chlorite alteration at a rhyolite-granite contact at a vertical depth of 365 m. Both the alteration zone and the footwall granite contained weak copper-gold values over a core length of up to 46 m. It has been postulated that this zone may be the root zone of the main mineralized section.
1981 In 1981, Masterman (Campbell Chibougamau Mines Ltd) calculated a resource of either 48,806 tons grading 0.053 opt Au and 2.65% Cu or 195,983 tons grading 0.023 opt Au and 1.48% Cu.
1990-1991 A small grid was cut and surveyed (Mag – VLF) northeast of the open pit by Inlet Resources Ltd. Three drill holes GD-4, -5 and -6 were drilled on the Grandroy Mine structure and the Portage Bay gold-copper zone (494 m). At the Grandroy Mine, a 306 m vertical hole was drilled to explore the down dip extension of several gold-copper lenses below the 183 m and 213 m levels. Several narrow zones were intersected but it was impossible to establish dip and therefore the depth extension of the zones to be tested may or may not be adequately tested. The casing was left in place to facilitate possible extension of the hole. A second hole GR-91-2 (306 m) collared 65 m east of the pit intersected wide zones of less than 1% chalcopyrite in rhyolite and granodiorite including one zone of 1.4% Cu and 0.005 opt Au over 1.33 m. A third hole GR-91-2 (188 m) was drilled in the Portage Bay copper-gold zone. Two (2) narrow intersections of up to 11.88 g/t Au were encountered.
2006 Globex flew an EM and Mag survey over the property and commissioned a NI 43-101 report in 2008. In 2010, Globex also completed a magnetometer survey over the principal maine claim and its extension southward into the lake.
------ Two (2) intersections near the bottom of the decline returned significant intersections on a zone referred to as the "Footwall Branch". GRU-129 returned 0.375 opt Au and 4.85% Cu over a core length of 10.4 feet and GRU-112 intersected 0.171 opt Au and 3.01% Cu over 12.7 feet. Masterman, Curtis and Associates (1986) and P.J. DeVeaux (1991) all concluded that there may be some potential for a higher grade copper-gold deposit on the Grandroy property and that the chlorite alteration pipe intersected in drill hole GR-80 warrants follow-up. Curtis in his report points out that a porphyry model is supported by the fact that mill heads contained about 0.10% molybdenum which was not recovered nor systematically assayed for.

Figure 6: Sketch of Ile Marguerite Property



Ile Marguerite (Cu-Au)

Historical exploration and development work (Sketch of property, Figure 6)

Year	Document	Description
	Ile Marguerite	
1977	DPV-507	Levé Géophysique Marin; Lac Chibougamau (Partie Nord); **RELEVÉS GÉOPHYSIQUES INC.**
1979	DPV-719	Levé Géophysique Marin; Lac Chibougamau (Partie Sud); **GÉOPHYSIQUE FRANCE-QUÉBEC INC.**
1991	DV-91-29	Traitement des Données Géophysiques (Aéromagnétiques) – Chibougamau (32G/16, Cartes 2158 A et B); **SIAL GÉOSCIENCES INC.**
1965	GM-17245	Summary Report on Surface Exploration, Henderson Mine Area; **CAMPBELL CHIBOUGAMAU MINES LTD.;** Krause, C.A.
1967	GM-21776	Summary Report – Lake Chibougamau Exploration, K, T and Sulphur Converting Groups; **CAMPBELL CHIBOUGAMAU MINES LTD, GRANDROY MINES LTD, MID-CHIBOUGAMAU MINES LTD, MONTREAL TRUST CO.;** Masterman, P.C.
1970	GM-26639	Summary Report on Surface Exploration, **CAMPBELL CHIBOUGAMAU MINES LTD.;** Masterman, P.C.
1974	GM-30759	Preliminary Report; **CAMPBELL CHIBOUGAMAU MINES LTD;** Essop, S.
1984	GM-41356	Levé Sismique, Ile Sainte Marguerite du Lac Chibougamau; **MINES CAMCHIB INC.;** Edwin Gaucher & Associates Inc.; Desbiens, R.; Gaucher, E.
1993	GM-52103	Rapport sur un Levé de Polarisation Provoquée, Projet Chibougamau (11-1119); **RESSOURCES MESTON INC.**; Sagax Géophysique Inc., Bérubé, P.
1995	GM-53044	Levé de Polarisation Provoquée, Projet Lac Chibougamau (1119) Propriétés Valiquette et Ile Marguerite; **RESSOURCES MESTON INC.;** Géola Ltée; Lavoie, C.
1994	GM-53360	Rapport de Synthèse, Propriété 1119; **RESSOURCES MESTON INC., SOQUEM;** Bernard, D.; 1119-94-01, 1119-94-02, 1119-94-03, 1119-94-04, 1119-94-05, 1119-94-06, 1119-94-07, 1119-94-08, 1119-94-09, 1119-94-10, 1119-94-11, 1119-94-12, 1119-94-13, 1119-94-14, 1119-94-15, 1119-94-16, 1119-94-17
1995	GM-53673	Campagne de Sondage, Hiver 1995, Projet Chibougamau, **RESSOURCES MESTON INC., SOQUEM**; Cloutier, P.; 1119-95-01, 1119-95-02, 1119-95-03, 1119-95-04, 1119-95-05, 1119-95-06, 1119-95-07
1988	MB-88-26	Levé Gravimétrique dans la Région de Chibougamau – Chapais; **GÉOPHYSIQUE G P R INTERNAT INC.;** Auger, A.

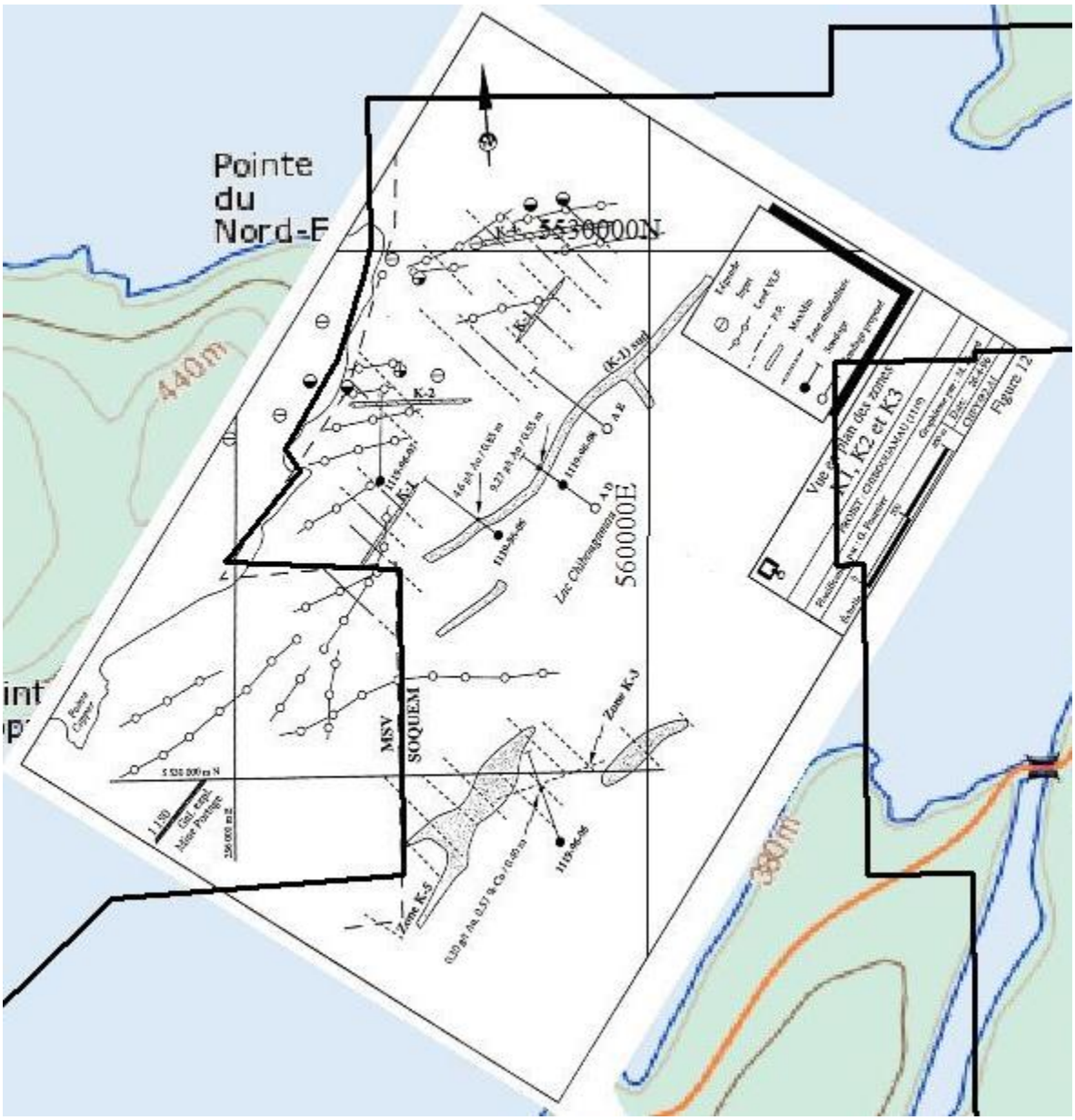
Ile Marguerite South (Talc)

Year	Document	Description
	Ile Marguerite S	
1970	ES-008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1976	DPV-368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QUEPUB – M.E.R.** publication

1967	ES-002	Annotated Bibliography on Metallic Mineralization in the Regions of: NORANDA, MATAGAMI, VAL D'OR, CHIBOUGAMAU; **DEPARTMENT OF NATURAL RESOURCES;** Special Paper 2
1956	GM-03763-A	Airborne Geophysical Survey **CHIBOUGAMAU MINING & SMELTING COMPANY INC.;** by Aeromagnetic Surveys Limited
1956	GM-04082	EM Survey, Marguerite Island Property; **QUÉBEC SMELTING & REFINING LTD;** Geo-Technical Dev Co Ltd, Maurice O.D.
1956	GM-04543-C	8 DDH Logs; **QUÉBEC SMELTING & REFINING LTD;** Dumas, A.; Lea, H.; M-1, M-2, M-3, M-4, M-5, M-6, M-7, M-8
1957	GM-05206-A	Resistivity and EM Check Surveys; **BAKER TALC LTD, QUÉBEC SMELTING & REFINING LTD, YORCAN EXPL LTD;** Geo-technical Dev Co Ltd; Maurice O. D.
1958	GM-05206-B	7 DDH Logs; **BAKER TALC LTD, QUÉBEC SMELTING & REFINING LTD;** Angus, W. L.; Bidgood, N.; M-9, M-10-A, M-11, M-12, M-13, M-14, (M-9 intersected 0.70% Cu and 0.06% Ni over 0.6 m)
1963	GM-13394	Geological Report on Two Properties; **BAKER TALC LTD;** Pudefin, A.D.
1967	GM-25255	Fiche de Gites, Gite C-RY-28, **M.R.N.** ; Duquette, G.
	GM-27841	Cancelled
1988	GM-47564	Journal des Carottes de Forage; **MINES CAMCHIB INC.;** Potapoff, P.; IM-87-1, IM-88-2
1958	RP-370	Preliminary Report on the Southwest Quarter of Roy Township, Abitibi-East Electoral District; **M.R.N;** Horscroft, F.D.M.
1959	RP-388	Description of Mining Properties Visited During 1957 in the Chibougamau, Bachelor Lake and Waswanipi Regions, Abitibi Territory, Abitibi-East Electoral District, an Outline of Geology and Exploration Work; **QERPUB – M.E.R. publication**; Archibald, G.M.
1960	RP-409	Iron Ore Deposits of the Province of Québec; **M.R.N.;** Waddington, G.W.

1956 – A series of electromagnetic and magnetic anomalies were outlined in 1956. Québec Smelting and Refining Limited drilled later that year. Drilling intersected an altered ultramafic with magnetite.
1957 - Baker Talc Mines Limited after testing an iron rich mafic intrusive on the south end of Ile Marguerite, drilled three holes towards the straights between Ile Marguerite and the main land (M-12, M-13, M-14). No significant results. One hole on the magnetite rich zone intersected 2.0 feet grading 0.7% Cu and 0.065% Ni.
1965 – 1974 Campbell Chibougamau Mines Limited conducted a number of geophysical surveys to the west of Ile Marguerite (1965, 1967, 1970).
1983 - Camchib conducted a seismic survey to determine the depth of overburden on the west side of Ile Marguerite. The survey also covered the west central part of the island to determine the location of a potential shaft to access the Henderson – Portage orebodies at depth. The survey was followed by drill hole IM-87-1, drilled to a depth of 5,983 feet by Ressources Campbell Inc. This drill hole intersected chlorite – sericite schists from 5,483.3 feet to 5483.7 feet returning 2.995 opt Au.
1992-1996 In 1994 SOQUEM conducted an IP survey which located a strong IP anomaly trending 030° on the east side of Ile Marguerite, extending over 2 km northward. The anomaly was drilled in 1994. Hole 1119-94-13 intersected 1.59 g/t Au over 3.2 m in a quartz vein carrying pyrite – pyrrhotite and tourmaline. The vein is hosted by a tonalite. Additional drilling in 1995 (hole 1119-95-07) encountered a quartz vein system with pyritic zones but returned no significant values.

Figure 7: Sketch of the K-Zones



K-Zones + Henderson-Portage depth Extension (Cu-Au)

Year	Document	Description
	Zone K-1	
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1982	DP-867	Levé EM Aérien par INPUT MK VI à l'échelle Modifié; Région de Chibougamau; **QERPUB – M.E.R. publication**; Questor Surveys Ltd
1983	DP-84-03	Compilation d'Anomalies Électromagnétiques de Type Input – Région de l'Abitibi; **M.E.R.**
1985	DP-85-17	Carte Aéromagnétique a 1 = 20,000 Région de Chibougamau; **M.E.R. RELEVES GÉOPHYSIQUES INC.**
1989	DP-89-12	Levé EM Héliporté RexHem IV – Région du Lac Bourbeau; **QERPUB – M.E.R. publication;** Sial Géosciences Inc.
1956	GM-03706	Report on Portion of Group " K " **CHIBOUGAMAU MINING & SMELTING CO INC.** ; Allard, G.
1956	GM-03796-A	Report on a Portion of Group " K " **CHIBOUGAMAU VENTURES LTD**; Allard, G.
1956	GM-04013-A	Summary of Work Done; **PORTAGE ISLAND CHIBOUGAMAU M L ;** Graham, R.B.
1956	GM-04397-A	1 plan of EM Survey; **CAMPBELL CHIBOUGAMAU MINES LTD, CHIBOUGAMAU MNG & SMTG CO INC., CLAIMS CHEVRETTE;** Allard, G.O.; Sharpe Geophysical Surveys Ltd
1956	GM-04397-B	Information Report; **CAMPBELL CHIBOUGAMAU MINES LTD;** Assad, J.R.
1956	GM-04401	Information report; **PORTAGE ISLAND CHIBOUGAMAU M.L.;** Assad, J.R.
1957	GM-05204	Report on Work (Jan 1 st 1956 to Feb 15th, 1957) **BATEMAN BAY MINING CO, PORTAGE ISLAND CHIBOUGAMAU M.L.;** Graham, R. B.
1959	GM-07860	Report on Exploration Works; **PORTAGE ISLAND CHIBOUGAMAU M L;** Buffam, B.S.W.
1957	GM-07861	Report on Property(Geology, Diamond Drilling and Sampling) **PORTAGE ISLAND CHIBOUGAMAU M L;** Graham, R.B.
1959	GM-07939	Copper Deposit; **CAMPBELL CHIBOUGAMAU MINES LTD, PORTAGE ISLAND CHIBOUGAMAU M L;** Assad, J.R.
1959	GM-08618	Report on the Property; **PORTAGE ISLAND CHIBOUGAMAU M L;** Buffam, B. S. W.
1960	GM-09477	Report on Development Work; **PORTAGE ISLAND CHIBOUGAMAU M L;** Buffam, B. S. W.
1960	GM-09934	Report on Property; **PORTAGE ISLAND CHIBOUGAMAU M L;** Buffam, B. S. W.
1958	GM-13120	Note sur le Terrain; **M.R.N.;** Gilbert, J. E.
1966	GM-18265	Summary of Surface Diamond Drilling, Portage Island Mines; **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP, PORTAGE ISLAND CHIBOUGAMAU M L**
1966	GM-18266	Ground Geophysical and Geological Coverage, Portage Island Mine; **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP, PORTAGE ISLAND CHIBOUGAMAU M L**
1960	GM-19067	2 Plans of magnetic Survey; **CHIBOUGAMAU JACULET MINES LTD**
1966	GM-19177	Report Obalski Mining Corporation; **OBALSKI MINING CORP.;** Germain, L.
1967	GM-21775	DDH Logs; **CAMPBELL CHIBOUGAMAU MINES LTD, MONTREAL TRUST CO.;** Masterman, P. C.; K-16, K-17, K-18, K-19, K-20, K-21, SC-1, SC-3, T-329, T-330, T-331
1967	GM-21776	Summary Report –Lake Chibougamau Exploration, K, T, and Sulphur Converting Groups; **CAMPBELL CHIBOUGAMAU MINES LTD, GRANDROY MINES LTD, MID CHIBOUGAMAU MINES LTD, MONTREAL TRUST CO;** Masterman, P. C.

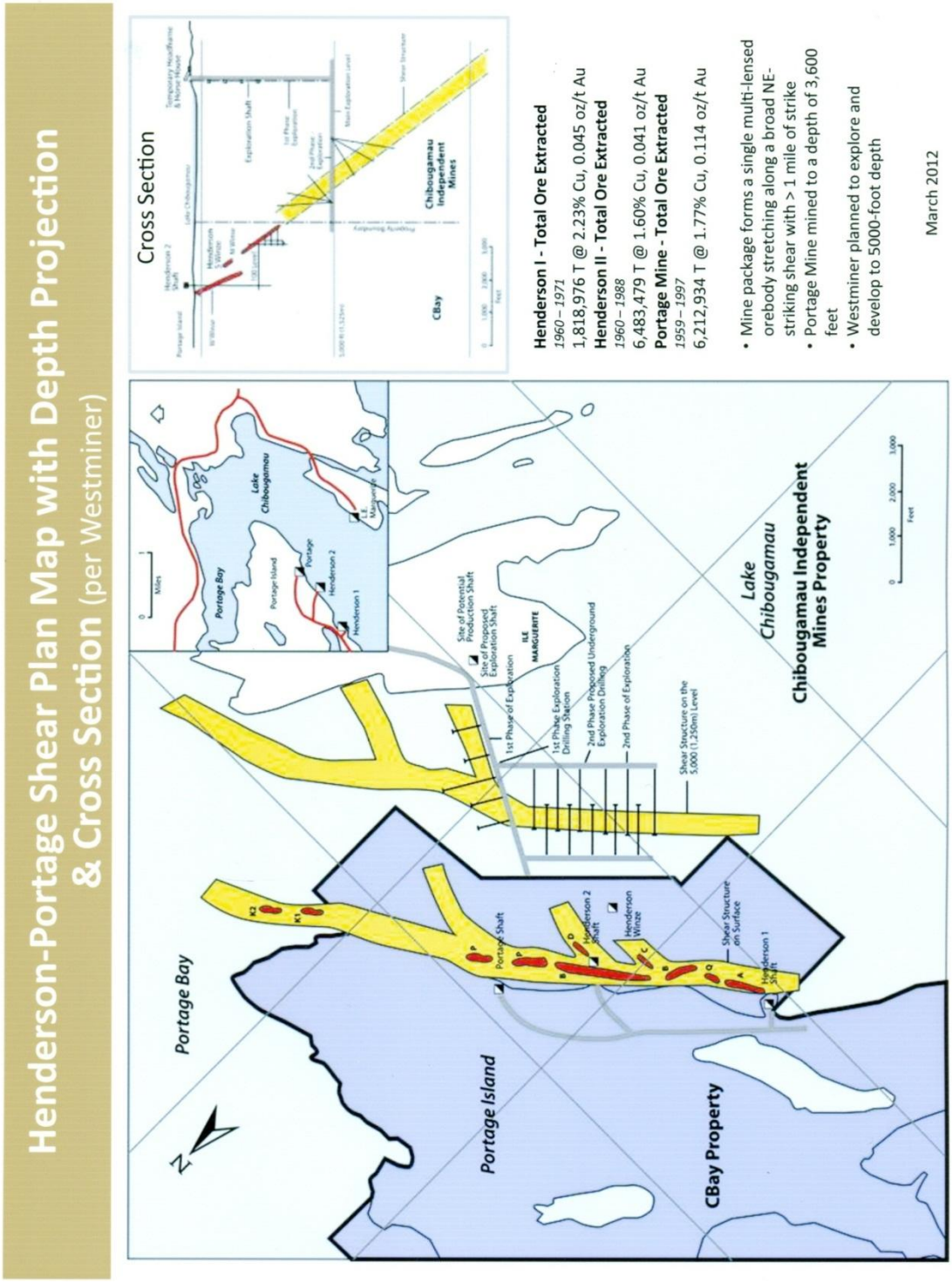
1970	GM-26639	Summary Report on Surface Exploration, **CAMPBELL CHIBOUGAMAU MINES LTD;** Masterman, P. C.
1974	GM-30759	Preliminary Report; **CAMPBELL CHIBOUGAMAU MINES LTD;** Essop, S.; T-361, T-362, T-363, T-364, T365, T-366, T-367, T-368, T-369A, T-370, T-371, T-372, T-373, T-374, T-375, T-376, T-377, T-378, T-379, T-387, T-388, T-389, T-390, T-391, T-392, T-393, T-394, T-385, T-396, T-397, T-398, T-399, T-400, T-401, T-402
1976	GM-32676	Summary of Work Undertaken in 1976; **PATINO MINES (QUÉBEC) INC.;** Boutin, L.; Kanwar, R.
1977	GM-33411	Diamond Drill Hole Log, Copper Rand Property; **PATINO MINES (QUÉBEC) LTD**; Boutin, L; Niels, R.; Scannell, D.R.; Siddiqui, M.; (underground drill holes)
1979	GM-34359	Assessment Report on the Magnetite Bay Group; **CAMPBELL CHIBOUGAMAU MINES LTD;** Sethuraman, K.
1978	GM-34360	Summary Report on Geology, Geophysics, Drilling, Roy Project, Main Block; **CAMPBELL CHIBOUGAMAU MINES LTD;** Hamilton, W.; GR-75
1981	GM-37502	Summary Report on Geophysics 1981 Exploration; **RESSOURCES CAMCHIB INC.;** Hamilton, W.
1983	GM-40865	Diamond Drill Logs, Property K-CEJV; **MINES CAMCHIB INC. / RESSOURCES CAMCHIB INC.**; K-83-1, K-83-2, K-83-3
1984	GM-41875	Diamond Drill Logs, K Property; **MINES CAMCHIB INC.;** Kane, M. A.; K-84-1, K-84-2, K-84-3, K-84-4, K-84-5, K-84-6, K-84-7, K-84-8
1993	GM-52103	Rapport sur un Levé de Polarisation Provoquée, Projet Chibougamau (11-1119); **RESSOURCES MESTON INC.;** Sagax Géophysique Inc.; Bérubé, P.
1994	GM-53360	Rapport de Synthèse, Propriété Chibougamau 1119; **RESSOURCES MESTON INC., SOQUEM;** Bernard, D.; 1119-94-01, 1119-94-02, 1119-94-03, 1119-94-04, 1119-94-05, 1119-94-06, 1119-94-07, 1119-94-08, 1119-94-09, 1119-94-10, 1119-94-11, 1119-94-12, 1119-94-13, 1119-94-14, 1119-94-15, 1119-94-16, 1119-94-17
1996	GM-54001	Rapport d'Interprétation de Levés électromagnétiques Pulsé EM en Forage, Projet Lac Chibougamau; **RESSOURCES MESTON INC.;** SOQUEM – Val d'Or Géophysique Ltée; Lambert, G.
1996	GM-54002	Rapport de Sondage Hiver 1996, Projet Chibougamau (1119); **RESSOURCES MESTON INC.;** SOQUEM – Techni-Lab Abitibi Inc.; Fournier, G; 1119-96-02, 1119-96-03, 1119-96-04, 1119-96-05, 1119-96-06, 1119-96-07, 1119-96-08
1997	GM-54968	Campagne de Forage, Projet Chibougamau (1119); **RESSOURCES MESTON INC.;** SOQUEM, Bellavance, Y.; 1119-97-01, 1119-97-02, 1119-97-03, 1119-97-04, 1119-97-05
1998	GM-55732	Rapport de la Campagne de Forage, Projet Chibougamau; **RESSOURCES MESTON INC.;** SOQUEM; Schmitt, L.; 1119-98-01, 1119-98-02
1998	GM-55733	Levés Pulsé-EM en forage, Projet Chibougamau; **RESSOURCES MESTON INC.;** Val d'Or – Sagax; Boileau , P.
1988	MB-88-26	Levé Gravimétrique dans la Région de Chibougamau-Chapais; **GÉOPHYSIQUE G P R INTERNAT INC.;** Auger, A.
1990	MB-90-03	Le Complex du Lac Doré et son Environnement Géologique Annexe 3, **IREM – MERI;** Daigneault, R.; Allard, G.O.
1990	MM-89-03	Le Complexe du Lac Doré et son Environnement Géologique – Région de Chibougamau – Sous Province de l'Abitibi; **IREM – MERI;** Daigneault, R.; Allard, G.O.
	Zone K-3	
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1982	DP-867	Levé EM Aérien par INPUT MK VI à l'échelle modifié – Région de Chibougamau; **QUESTOR SURVEYS LTD**

1983	DP-84-03	Compilation d'Anomalies Électromagnétiques de Type INPUT – Région de Chibougamau; **M.E.R.**
1989	DP-89-12	Levé EM Héliporté RexHEM IV, Région du Lac Bourbeau; **SIAL GÉOSCIENCES INC.;**
1954	GM-02732	Magnetometer Survey; **CHIBOUGAMAU VENTURES LTD;** Malouf, S. E.
1954	GM-02872-A	Portage Island Plans; **PORTAGE ISLAND CHIBOUGAMAU M. L.;** Penstone, M. E.
1956	GM-03796-A	Report on a Portion of Group " K " **CHIBOUGAMAU VENTURES LTD**; Allard, G.
1956	GM-03796-B	Diamond Drill Log. **CHIBOUGAMAU MINING & SMELTING CO INC.** ; Krause, C.; K-6
1956	GM-04397-A	1 Plan of EM Survey; **CAMPBELL CHIBOUGAMAU MINES LTD, CHIBOUGAMAU MNG & SMTG CO INC., CLAIMS CHEVRETTE;** Sharpe Geophysical Surveys Ltd, Allard, G. O.
1957	GM-04619-B	78 DDH Logs; **CHIBOUGAMAU MNG & SMTG CO INC., CHIBOUGAMAU VENTURES LTD, YORCAN EXPL LTD;** Allard, G. O.; Dumas, A.; Koene, J.; Krause**,** C. A. ; Schrijver, K.; Vollo, N. B. ; K-1, K-2, K-3, K-4, K-5, K-6, K-7, K-8, K-9, K-10, K-11, K-12, K-13, K-14, K-15, T-105, T-106, T-107, T-108, T-109, T-110, T-115, T-116, T-122, T-123, T-125, T-126, T-127, T-132, T-134, T-140, T-142, T-145, T-146, T-147, T-148, T-149, T-150, T-152, T-153, T-155, T-156, T-159, T-162, T-163, T-166, T-167, T-33, T-37, T-39, T-45, T-46, T-47, T-54, T-56, T-58, T-59, T-60, T-63, T-67, T-69, T-70, T-71, T-72, T-74, T-75, T-76, T-77, T-80, T-84, T-85, T-86, T-87, T-88, T-89, T-90, T-91, T-96, T-97, T-98
1959	GM-07860	Report on Exploration Works; **PORTAGE ISLAND CHIBOUGAMAU M L;** Buffam. B. S. W.
1959	GM-07939	Copper Deposit; **CAMPBELL CHIBOUGAMAU MINES LTD, PORTAGE ISLAND CHIBOUGAMAU M.L.;** Assad, J. R.
1959	GM-08618	Report on the Property; **PORTAGE ISLAND CHIBOUGAMAU M. L.;** Buffam, B. S. W.
1959	GM-09372	Long Wire Electromagnetic and Magnetometer Survey; **CAMPBELL CHIBOUGAMAU MINES LTD;** Hinse, R.
1960	GM-09477	Report on Development Work; **PORTAGE ISLAND CHIBOUGAMAU M L;** Buffam, B. S. W.
1960	GM-09934	Report on the Property; **PORTAGE ISLAND CHIBOUGAMAU M L;** Buffam, B. S. W.
1950	GM-12888	Geological Report Including Surface Sampling Values; **OBALSKI 1945 LTD, OBALSKI MINING CORP.;** Corbett, H. E.
1965	GM-17245	Summary Report on Surface Exploration, Henderson Mine Area; **CAMPBELL CHIBOUGAMAU MINES LTD;** Krause, C. A.
1966	GM-18265	Summary of Surface Diamond Drilling, Portage Island Mine; **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP, PORTAGE ISLAND CHIBOUGAMAU M L**
1966	GM-18266	Ground Geophysical and Geological Coverage, Portage Island Mine; **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP, PORTAGE ISLAND CHIBOUGAMAU M L**
1960	GM-19067	2 Plans of Magnetic Survey; **CHIBOUGAMAU JACULET MINES LTD**
1956	GM-19071	Report on Electrical Resistivity Survey; **PORTAGE ISLAND CHIBOUGAMAU M L;** Szetu, S. S.; Geo-Technical Dev Co Ltd
1966	GM-19177	Report Obalski Mining Corporation; **OBALSKI MINING CORP.;** Germain, L.
1966	GM-19219	Summary Report on Surface Exploration – Lake Chibougamau; **CAMPBELL CHIBOUGAMAU MINES LTD;** Krause, C. A.
1967	GM-21776	Summary Report, Lake Chibougamau Exploration, K, T, and Sulphur Converting Groups; **CAMPBELL CHIBOUGAMAU MINES LTD, GRANDROY MINES LTD, MID-CHIBOUGAMAU MINES LTD, MONTREAL TRUST CO;** Masterman, P. C.
1970	GM-26639	Summary Report on Surface Exploration; C**AMPBELL CHIBOUGAMAU MINES LTD;** Masterman, P. C.
1974	GM-30759	Preliminary Report; **CAMPBELL CHIBOUGAMAU MINES LTD;** Essop, S.; T-361, T-

		362, T-363, T-364, T-365, T-366, T-367, T-368, T-369, T-370, T-371, T-372, T-373, T-374, T-375, T-376, T-377, T-378, T-379, T-387, T-388, T-389, T-390, T-391, T-392, T-393, T-394, T-395, T-396, T-397, T-398, T-399, T-400, T-401, T-402
T-387, 1975	GM-31867	Report on the Max-Min II EM Survey on Lake Chibougamau During the Winter; **CAMPBELL CHIBOUGAMAU MINES LTD**; Betz, J.E. and Verret, G.
1976	GM-32676	Summary Work Undertaken During 1976; **PATINO MINES (QUÉBEC) LTD. ;** Boutin, L.; Kanwar, R.
1977	GM-33411	Diamond Drill Hole Log, Copper Rand Property; **PATINO MINES (QUÉBEC) LTD;** Boutin, L.; Niels, R.; Scammell, D. R.; Siddiqui, M.
1983	GM-40865	Diamond Drill Logs, Property K-CEJV; **MINES CAMCHIB INC., RESSOURCES CAMCHIB INC.;** Kane, M.; Ross, N.; K-83-1, K-83-2, K-83-3
1984	GM-41875	Diamond Drill Log, K – Property; **MINES CAMCHIB INC.;** Kane, M. A.; K-84-1, K-84-2, K-84-3, K-84-4, K-84-5, K-84-6, K-84-7, K-84-8
1995	GM-53044	Levé de Polarisation Provoquée, Projet Lac Chibougamau(1119) Proprietés Valiquette et Ile Marguerite; **RESSOURCES MESTON INC., SOQUEM;** Géola Ltée; Lavoie, C.
1996	GM-54001	Rapport d'Interprétation de Levés Électromagnétiques Pulsé EM en Forage, Projet Lac Chibougamau; **RESSOURCES MESTON INC., SOQUEM;** Val d'Or Géophysique Ltée; Lambert, G.
1996	GM-54002	Rapport de Sondage Hiver 1996, Projet Chibougamau (1119); **RESSOURCES MESTON INC., SOQUEM;** Fournier, G.; 1119-96-02, 1119-96-03, 1119-96-04, 1119-96-05, 1119-96-06, 1119-96-07, 1119-96-08
1988	MB-88-26	Levé Gravimétrique dans la Région de Chibougamau – Chapais; **GÉOPHYSIQUE G P R INTERNAT INC.;** Auger, A.
1989	MM-89-03	Le Complex du Lac Doré et son Environnement Géologique, Région de Chibougamau – Sous Province de l'Abitibi; **IREM – MERI;** Daigneault, R.; Allard, G. O.

1954-1970 – The property was part of Campbell Chibougamau Mines Limited. An airborne survey identified a number of EM conductors in the area. This was followed up by ground geophysical surveys by Chibougamau Venture Limited (1954). Drilling in 1956 was done to test the anomalies. One hole is reported to include 10 feet of 0.6% copper. This was followed up by further drilling, holes K-1 to K15 and geophysics. This work indicated that the sulfide zones responded to airborne, VLF, Max-min and IP surveys. Additional drilling was done in 1967, Holes K16 to K20, Campbell Chibougamau Mines Limited (1967). The mineralization was associated with quartz-sulfide veins within altered (chlorite-sericite) anorthosite.
1983-1984 – Camchib Resources Inc. did some additional drilling to further test the K zones: Hole K-83-1 and K-83-2 tested K10 and K83-3 tested K5. No significant mineralization was encountered. Further drilling was done in 1984.
1992-1996 – La Société Quebécoise d'Exploration Minière (SOQUEM) optioned the property from Ressource Meton Inc., in June 1992. SOQUEM did a regional compilation of all existing data and produced a series of compilation maps of the regional geology, max-min compilation. SOQUEM conducted additional geophysics and drilling in 1996.

Figure 8: Projected depth extension of Portage-Henderson mineralization.



Kokko Creek Mine (Cu-Au)

Year	Document	Description
	Mine Kokko Creek	
1970	ES-008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1976	DPV-368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QUEPUB – M.E.R**. publication
	DPV-727	
1985	DV-85-08	Gites Minéraux à Tonnage Évalué et Production Minérale du Québec; **QERPUB – M.E.R.** publication; Lavergne, C.; MRN
1967	ES-002	Annotated Bibliography on Metallic Mineralization in the Regions of: NORANDA, MATAGAMI, VAL D'OR, CHIBOUGAMAU; **DEPARTMENT OF NATURAL RESOURCES;** Special Paper 2
1950	GM-00854	Informational Bulletin; **MERRILL ISLAND MINING CORP. LTD;** Desrossiers, J. E.
1956	GM-04892	Geological Report; **CHIBTOWN COPPER CORP.;** Harris, J. J.; Robertson, J. A.; Smith, J. R.; Way, H. G.
1956	GM-05197	100 DDH Logs; **CHIB-KAYRAND COPPER MINES LTD, COPPER RAND CHIBOUGAMAU MS LTD, NEW ROYRAN COPPER MINES LTD;** Archer, W. W.; Asbury, D. W.; Brown, A.; Daniel, J.; De Montignu, P. A.; Wilson, R. J.; A-144, A-145, A-146, A-147, A-148, A-149, A-150, A-151, A-152, A-153, A-154, A-155, A-156, A-157, A-157W, A-158, A-159, A-160, A-160A, A-161, A-162, A-163, A-164, A-165, A-165W, A-166, A-167, A-168, A-169, A-170, A-172, A-173, A-174, A-175, A-176, A-177, A-178, A-178, A-180, A-181, A-182, A-183, A-184, A-185, A-186, DQ-36, DQ-37, DQ-38, DQ-39, DQ-40, DQ-41, DQ-42, DQ-43, DQ-44. DQ-45, DQ-46, DQ-47, DQ-48, DQ-49, DQ-50, DQ-51, DQ-52, DQ-53, DQ-54, DQ-55, DQ-56, DQ-57, DQ-58A, DQ-59, DQ-60, DQ-61, DQ-62, DQ-63, QS-20, QS-21, R-37, R-39, R-43, R-45, R-46, R-48, R-51, R-52, R-53, R-55, R-56, R-57, R-58, R-59, R-60, R-61, R-65, R-70, R-73, R-78, R-79, R-80, R-81, R-82, R-83
1957	GM-05454	Report on the Property; **MERRILL ISLAND MINING CORP LTD;** Archibald, G. M.
1958	GM-07611	Report on Development Works and Exploration; **CAMPBELL CHIBOUGAMAU MINES LTD, CHIBOUGAMAU MNG & SMTG CO INC.;** Malouf, S. E.
1959	GM-09314-A	Diamond Drill Record; **CAMPBELL CHIBOUGAMAU MINES LTD, COPPER RAND CHIBOUGAMAU MS LTD;** Hinse, R.; Koene, J.
1940	GM-10907	Geological Plan of Trenches, Block B; **NORTHERN INVESTMENT & MNG CO**
1966	GM-19383	Longitudinal Projection & Level Plans; **CAMPBELL CHIBOUGAMAU MINES LTD**
1968	GM-23617	7 DDH Logs and DDH Sample Sheets; **CAMPBELL CHIBOUGAMAU MINES LTD;** K-306, K-307, K-308, K-309, K-310, K-311, K-312
1966	GM-25130	Fiche de Gites, Gite C-MCK-27; **CAMPBELL CHIBOUGAMAU MINES LTD;** Duquette, G.
1969	GM-25695	Surface Exploration, Kokko Creek, Main Mine, Merrill, Chib-Kayrand, Cedar Bay; **CAMPBELL CHIBOUGAMAU MINES LTD, CHIB-KAYRAND COPPER MINES LTD, MERRILL ISLAND MINING CORP LTD, MONTREAL TRUST CO;** Masterman, P. C.
1972	GM-27676	Report on Work Performed on the Merrill Mainland Property; **CAMPBELL CHIBOUGAMAU MINES LTD;** Kloeren, C. J.
	GM-27841	
1974	GM-30763	Assessment Report, Mainland Property; **CAMPBELL CHIBOUGAMAU MINES LTD;** Crevier, B.; Ford, G. M.; Kloeren, C. J.

1972	GM-28222	Main Mine Area; **CAMPBELL CHIBOUGAMAU MINES LTD**
1960	RG-095	South Half of McKenzie Township, Abitibi-East Electoral District; Part 1: Southwest Quarter and North Half of Southeast Quarter, Part II: South Half of Southeast Quarter; **MRN;** Allard, G. O.; Smith, J.R.
	Chib-Kayrand Mine	
1970	ES-008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1976	DPV-368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QUEPUB – M.E.R.** publication
	DPV-727	
1985	DV-85-08	Gites Minéraux à Tonnage Évalué et Production Minérale du Québec; **QERPUB – M.E.R.** publication; Lavergne, C.; MRN
1967	ES-002	Annotated Bibliography on Metallic Mineralization in the Regions of: NORANDA, MATAGAMI, VAL D'OR, CHIBOUGAMAU; **DEPARTMENT OF NATURAL RESOURCES;** Special Paper 2
1969	ES-004	Copper in Québec; **M.R.N.** ; Waddington, G. W.
1950	GM-00624	Report on Geophysical Survey, Doré Lake; **ROYRAN GOLD FIELDS LTD;** Evelegh, F. J.; Rabdall, J. T.
1954	GM-00846	Diamond Drill Logs, Merrill Island; **KAYRAND MINING & DEV CO LTD;** T-1, T-2, T-3, T-4, T-5, T-6, T-7, T-8, T-9, T-10, T-11, T-12, T-13, T-14, T-15, T-16, T-17, T-18, T-19, T-20, T-21, T-22, T-23, T-24, T-25, T-26, T-27, T-28, T-29, T-30, T-31, T-32, T-33, T-34, T-35, T-36, T-37, T-38, T-39, T-40, T-41, T-42, T-43, T-44, T-45, T-46, T-47, T-48, T49, T-50, T-51, T-52, T-53, T-54, T-55, T-56, T-57, T-58, T-59, T-60, T-61, T62, T-63, T-64, T-65, T-66
1952	GM-02106	Magnetometer Survey, Merrill Island; **KAYRAND MINING & DEV CO LTD**
1957	GM-03683	Diamond Drill Hole Record (GEOLOGY + ASSAYS) **CHIB-KAYRAND COPPER MINES LTD**; JO-1, JO-2, JO-3, JO-4, JO-5, CK-1, CK-2, CK-3, CK-4, CK-5, CK-7, CK-8, CK-9, CK-10, CK-11, CK-12, CK-13, CK-14, CK-15, CK-16, CK-17, CK-18, CK-19, CK-20, CK-21, CK-22, CK-23, CK-24, CK-25, CK-26, CK-27, CK-28, CK-29, CK-30, CK-31, CK-32, CK-51, CK-52, CK-53, CK-54, CK-55, CK-56, CK-57, CK-58, CK-59, CK-60, CK-61, CK-62, CK-63, CK-64, CK-65, CK-66, CK-67, CK-68, CK-69, CK-70, CK-71, CK-72, CK-73, CK-74, CK-75, CK-76, CK-77, CK-78, CK-79, CK-80, CK-81, CK-82
1956	GM-05197	100 DDH Logs; ; **CHIB-KAYRAND COPPER MINES LTD, COPPER RAND CHIBOUGAMAU MS LTD, NEW ROYRAN COPPER MINES LTD;** Archer, W. W.; Asbury, D. W.; Brown, A.; Daniel, J.; De Montigny, P. A.; Wilson, R. J.; A-144, A-145, A-146, A-147, A-148, A-149, A-150, A-151, A-152, A-153, A-154, A-155, A-156, A-157, A-157W, A-158, A-159, A-160, A-160A, A-161, A-162, A-163, A-164, A-165, A-165W, A-166, A-167, A-168, A-169, A-170, A-172, A-173, A-174, A-175, A-176, A-177, A-178, A-178, A-180, A-181, A-182, A-183, A-184, A-185, A-186, DQ-36, DQ-37, DQ-38, DQ-39, DQ-40, DQ-41, DQ-42, DQ-43, DQ-44. DQ-45, DQ-46, DQ-47, DQ-48, DQ-49, DQ-50, DQ-51, DQ-52, DQ-53, DQ-54, DQ-55, DQ-56, DQ-57, DQ-58A, DQ-59, DQ-60, DQ-61, DQ-62, DQ-63, QS-20, QS-21, R-37, R-39, R-43, R-45, R-46, R-48, R-51, R-52, R-53, R-55, R-56, R-57, R-58, R-59, R-60, R-61, R-65, R-70, R-73, R-78, R-79, R-80, R-81, R-82, R-83
1959	GM-09025	Report on Miscellaneous Properties in the Chibougamau Mining Area; **DADSON LAKE CHIBOUGAMAU M L;** Hogan, H. R.; Hogan & McCuaig
1959	GM-09887	Diamond Drill Log; **CAMPBELL CHIBOUGAMAU MINES LTD, CHIB-KAYRAND COPPER MINES LTD, COPPER RAND CHIBOUGAMAU MS LTD;** Pudifin, A. D.
1962	GM-11737	Geological Report, Obalski Township; **CHIB-KAYRAND COPPER MINES LTD;**

		Morgan, J. H.
1966	GM-12261	Fiche de Renseignement sur le Gite C-OB-3; Le Gite de Cuivre Kayrand; **CHIB-KAYRAND COPPER MINES LTD;** Duquette, G.
1965	GM-16359	Geological Report; **CHIB-KAYRAND COPPER MINES LTD;** Morgan, J. H.
1956	RG-071	North Half of Obalski Township, Electoral District of Abitibi-East; **MRN;** Graham, R. B.
1953	RP-283	Mining Properties and Development in Abitibi-East, Abitibi-West and Rouyn – Noranda Counties During 1950 and 1951; **MRN;** Graham, R. B.; Ingham, W. N.; Robinson, W. G.; Weber, W. W.
1956	RP-330	Description of Mining Properties Visited in 1952 and 1953, An Outline of Geology and Exploration Work; **MRN**
1959	RP-388	Description of Mining Properties Visited During 1957 in the Chibougamau, Bachelor Lake and Waswanipi Regions, Abitibi Territory, Abitibi-East Electoral District; An Outline of Geology and Exploration Work; **MRN;** Archibald, G. M.

1906 - Discovery by John Kokko, probably the first significant discovery in Chibougamau.
1906 – 1907 Stripping and trenching by John Kokko.
1929 - Additional surface work completed by Northern Investment & Mining.
1951 – 1952 Merrill Island drilled 16 holes for a total of 5,709 feet; completion of a resistivity survey.
1956 Campbell Chibougamau completed 16 holes for 10,203 feet.
1958 Campbell Chibougamau sunk a vertical shaft to 593 feet.
1959 Campbell Chibougamau rent property for 99 years.
1959 – 1966 Production of about 667,426 tonnes grading 1.15% % Cu, 0.01 opt Au & 1.50 opt Ag; Note: Ore mined at Kokko Creek was first transported to the Campbell Main Mine through a drift at the 400 foot level and later on the 800 foot level. Open Pit operation which produced an estimated 255,000 tonnes.
1966 Operations suspended in 1966.
1959 – 1975 A production of 745,169 tons grading 1.15 % Cu and 0.24 g/t Au has been recorded during the period of 1959 to 1975. Additional historical resources of about 115,000 tons grading 1.48 % Cu and 0.21 g/t Au are reported after the closing of the mine in 1979.

Lac Fleury – McKenzie

Year	Document	Description
	Lac Fleury	
1949	GM-00571	Property Report, Central Group; **ROYRAN GOLD FIELDS LTD;** Morgan, J.H.
1945	GM-00867-C	Geological Report, Group 8; **ROYRAN GOLD FIELDS LTD**; Longley, W. W.
1956	GM-03861-A	Mag and Resistivity Surveys; **NEW ROYRAN COPPER MINES LTD;** Morgan, J. H.
1955	GM-03861-B	4 DDH Logs; **NEW ROYRAN COPPER MINES LTD / ROYRAN GOLD FIELDS LTD;** 44-A, 45, 46, 47, G-13
1936	GM-09625	Geological Report; **CENTRAL CHIBOUGAMAU MINES LTD;** Mulholland, J. F.
1937	GM-09680	Report on the Development Work; **CENTRAL CHIBOUGAMAU MINES LTD;** Schmidt, E. A.
1947	GM-09681	Geological Survey; **CENTRAL CHIBOUGAMAU MINES LTD;** Ross, S. H.
1945	GM-16422	Report on Exploration and Development in the Chibougamau Area; **KENNCO EXPLS LTD, KENNECOTT COPPER CORP., ROYRAND PROSPECTING SYND.**
1966	GM-25116	Fiche de Gites, Gite C-MCK-13, **MRN;** Duquette, G.
1966	GM-25117	Fiche de Gites, Gite C-MCK-14, **MRN;** Duquette, G.

	GM-27841	Cancelled
1997	GM-54601	Rapport Annuel d'Exploration 1996-1997, Projet David (1165), **SOQUEM**

Mont Sorcier Fe-Ti-V

Year	Document	Description
	Mont Sorcier	
1950	GM-01222	Report Covering Expedition into Chibougamau; **CAMBRIDGE SYND.**; McKenzie, M.H. from Corbett, Howe & Associates Ltd.
1951	GM-01640	Information Report; **CHIBMAC MINES LTD**; Corbett, H.E.
1956	GM-04600	Geological Report **ROYCAM COPPER MINES LTD**; Lawrence, R.D. & Ogden, M.; from Halet, Broadhurst & Ogden
1957	GM-05190-B	6 DDH Logs; **ROYCAM COPPER MINES LTD;** Schimunek, K.W.; 1, 2, 3, 4, 5, 6
1957	GM-05537	Geological Report **ROYCAM COPPER MINES LTD,** QERDEM, Mining Exploration Files; Archibald, G.M.; M.R.N.
1957	R.P. (1957)	Description des Terrains Miniers Visités en 1956 dans la Région de Chibougamau, Districts Électoraux de Roberval. Un Aperçu de la Géologie et des Travaux d'Exploration; **QERRP** ; Assad, J.R.
1958	RP-370	Rapport Préliminaire sur le Quart Sud – Ouest du Canton de Roy, District Électoral d'Abitibi – Est; **QERPUB – M.E.R.** publication; Horscroft, F.D.M.
1959	RP-379	Rapport Préliminaire sur le Quart Sud-Est du Canton de Roy, District Électoral d'Abitibi-Est; **QERPUB – M.E.R.** publication; Gaucher, E. H.
1959	RP-388	Description des Terrains Miniers Visités 54 lkali 1957 dans les Régions de Chibougamau, Lac Bachelor et Waswanipi, Territoire d'Abitibi, District Électoral d'Abitibi Est; **QERPUB – M.E.R.** publication; Archibald, G.M.
1959	GM-05861	Reports on Property; **SULPHUR CONVERTING CORP.**; Corbett, H.E., Dallaire, J.R., Jewell, J. P.
1965	GM-17227	20 Diamond Drill Hole Logs; **CAMPBELL CHIBOUGAMAU MINES LTD;** Benussi, G.; Hosain, I.; Krause, C. A.; Masterman, P. C.; FE-10, FE-11, FE-12, FE-13, FE-14, FE-15, FE-16, FE-17, FE-18, FE-19, FE-2, FE-20, FE-21, FE-22, FE-3, FE-4, FE-5, FE-6, FE-7, FE-8, FE-9
1966	GM-17300	3 DDH Logs; **CAMPBELL CHIBOUGAMAU MINES LTD;** Benussi, G.; FE-22, FE-23, FE-31
1966	GM-18247	Diamond Drill Logs, Magnetite Bay; **CAMPBELL CHIBOUGAMAU MINES LTD / CHIBIRON MINING CORP.** Montréal Trust Co.; Benussi, G.; FN-46, FN-48, FN-50, FN-54, FN-55, FN-60, FN-62, FN-65, FN-67, FN-68
1966	GM-18553	Diamond Drill Hole, Magnetite Bay, Corval Group; **CAMPBELL CHIBOUGAMAU MINES LTD;** Benussi, G.; FE-24, FE-25, FE-26, FE-27
1966	GM-19218	DDH logs; **CAMPBELL CHIBOUGAMAU MINES LTD;** FE-28, FE-29, FE-30, FE-32, FE-33, FE-34, FE-35, FE-36, FE-37, FE-38, FE-40, FE-41, FE-42, FE-43, FE-44, FE-45, FE-47, FE-49, FE-51, FE-52, FE-53, FE-56, FE-57, FE-58, FE-59, FE-61, FE-63, FE-64, FE-66, FE-69
1967	GM-19331	Report on Geological and Magnetometer Surveys Over the Iron Deposit at Magnetite Bay **CAMPBELL CHIBOUGAMAU MINES LTD / CHIBIRION MINING CORP.** Montréal Trust Co.; Benussi, G.
1967	ES-002	Bibliographie Annotée sur la Minéralisation Métallique dans les Régions de Noranda, Matagami, Val d'Or et Chibougamau; **QERPUB – M.E.R.** publication; Dugas, J., Duquette, G., Latulippe, M.
1967	GM-21777	Report on Geochemical Survey, Lempira Silver Prospect; **CAMPBELL CHIBOUGAMAU MINES LTD / CHIBIRON MINING CORP.** Montreal Trust Co.;

		Masterman, P. C.
1967	GM-25250	Fiche de Gites, Gite C-RY-23, **CAMPBELL CHIBOUGAMAU MINES LTD / CHIBIRON MINING CORP** Montréal Trust Co; Duquette, G.
1969	GM-25694	Surface Exploration, Lempira Claim Group; **CAMPBELL CHIBOUGAMAU MINES LTD / CHIBIRON MINING CORP.** Montréal Trust Co; Mastermas, P.C.
1970	ES-008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1971	GM-28547	Methods of Analysis for Iron Ores and Concentrates; **CAMPBELL CHIBOUGAMAU MINES LTD**; CRM, Marimark Technical Services
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
		Surface Diamond Drilling; **CAMPBELL CHIBOUGAMAU MINES LTD**.; SC-74-1, SC-74-2, SC-74-3, SC-74-4
1975	GM-30635	Travaux de Recherches en Laboratoires; **CAMPBELL CHIBOUGAMAU MINES LTD**. Delisle, G.
	GM-30764	
1975	GM-30765	Roy Project, Geology, Geophysics, Drilling; 1974 Exploration; **CAMPBELL CHIBOUGAMAU MINES LTD**.; Sethuraman, K.
1975	GM-30851	
1975	GM-31867	Report on the Max-Min II EM Survey on Lake Chibougamau During the Winter; **CAMPBELL CHIBOUGAMAU MINES LTD**; Betz, J.E. and Verret, G.
1976	GM-32723	**CAMPBELL CHIBOUGAMAU MINES LTD;** Roy Project, Geology, Geophysics, Drilling; 1976 Exploration; Hamilton, W.; GR-64, GR-65, GR-67
1977	GM-33409	Roy Project, Main Block; 1977 Exploration Program; Progress Report: **CAMPBELL CHIBOUGAMAU MINES LTD;** Hamilton, W.; GR-68, GR-69, GR-70, GR-71, GR-72, GR-73, GR-74
1979	GM-34359	Assessment Work Report on the magnetite Bay Group; **CAMPBELL CHIBOUGAMAU MINES LTD**.; Sethuraman, K.
1779	GN-34360	**CAMPBELL CHIBOUGAMAU MINES LTD;** Roy Project, Main Block; Summary Report on Geology, Geophysics, Drilling; 1978 Exploration; Hamilton, W.
1981	GM-37502	Roy Project, Main Block; Summary Report on Geophysics, 1981 Exploration; **CAMCHIB RESOURCES INC.;** Hamilton, W.
1982	GM-37865	McQuest; Report on a Marine Seismic Survey; **CAMPBELL RESOURCES INC.;** Lac Chibougamau area.
1984	GM-41502	Diamond Drilling, Corval Property; **MINES CAMCHIB INC.;** Dallaire, J.G.; De Grosbois, M.; Tremblay, A.; Houls, P.; COR-W1, COR-W10, COR-W11, COR-W12, COR-W13, COR-W14, COR-W15, COR-W16, COR-W17, COR-W2, COR-W3, COR-W4, COR-W5, COR-W6, COR-W7, COR-W8, COR-W9, SC-83-1, SC-83-10, SC-83-11, SC-83-12, SC-83-13, SC-83-14, SC-83-2, SC-83-3, SC-83-4, SC-83-5, SC-83-6, SC-83-7, SC-83-8, SC-83-9;
	GM-52441	
1994	GM-53357	Rapport Géologique; Propriété Chibougamau 1119, Secteur du Mont Sorcier, **SOQUEM**, SNRC 1994
1976	DPV-368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QUEPUB – M.E.R**. publication

1920 – 1972 Area has been explored by Dome Mines, Noranda Mines, Consolidated Chibougamau Goldfields, Sulphur Converting Copr., and Campbell Chibougamau Mines Ltd
1974 Diamond drilling**;** Resource Estimate 270,000,000 tons grading 27.7% Fe & 1.1% TiO2, 2 zones

Québec Chibougamau Goldfields Mine (Cu-Au-Ag)

Year	Document	Description
	Québec Chibougamau	
1970	ES-008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1976	DPV-368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QUEPUB – M.E.R**. publication
1980	DPV-727	Production Minérale au Québec au 1 Janvier 1979; **MRN;** Avramchev, L.; Lebel-Drolet. S.
1985	DV-85-08	Gites Minéraux à Tonnage Évalué et Production Minérale du Québec; **QERPUB – M.E.R.** publication; Lavergne, C.; MRN
1989	DV-89-01	Rapport des Géologues Résidents sur L'Activité Régionale en 1988; **MRN;** Rive, M.; Racicot, D.; Gobeil, A.; Globensky, Y.; Lachance, S.; Duquette, G. Marcoux, P.
1998	DV-98-03	Géologie et Métallogénie du District Minier de Chapais-Chibougamau; Nouvelle vision du Potentiel de Découverte; **MRN**
1967	ES-002	Annotated Bibliography on Metallic Mineralization in the Regions of: NORANDA, MATAGAMI, VAL D'OR, CHIBOUGAMAU; **DEPARTMENT OF NATURAL RESOURCES;** Special Paper 2
1949	GM-00515	Summary of Properties and Development; **QUÉBEC SMELTING & REFINING LTD ;** Morgan, J. H.
1950	GM-01145	Resistivity Survey; **KOKKO CREEK MINING CORP LTD;** McCannnell, J. D.; Geo-Technical Dev Co Ltd
1951	GM-01146-A	Rapport sur Kokko Creek Mining Corporation Limited; **KOKKO CREEK MINING CORP LTD;** Malouf, P. M.
1951	GM-01146-B	Diamond Drill Record; **KOKKO CREEK MINING CORP LTD;** Dallaire, J. R.; D-2, K-1, K-3, K-6, KD-1, KD-10, KD-11, KD-12, KD-13, KD-14, KD-15, KD-16, KD-2, KD-3, KD-4, KD-5, KD-6, KD-7, KD-8, KD-9
1955	GM-03302	1 Geological Plan; **QUÉBEC CHIBOUGAMAU GOLDFIELDS;** Allard, G. O.
1955	GM-03399-A	Information Report; **QUÉBEC CHIBOUGAMAU GOLDFIELDS;** Malouf, P. M.
1955	GM-03399-B	Progress Report; **QUÉBEC CHIBOUGAMAU GOLDFIELDS;** Malouf, P. M.
1956	GM-04269	Information Report; **QUÉBEC CHIBOUGAMAU GOLDFIELDS;** Assad, J. R.
1956	GM-04633-A	Report on the Ore Reserves; **QUÉBEC CHIBOUGAMAU GOLDFIELDS;** Graham, R. B.
1956	GM-04633-B	Progress Report; **QUÉBEC CHIBOUGAMAU GOLDFIELDS;** Malouf, P. M.
1955	GM-04633-C	1 Geological Sketch & 1 Geological Plan; **QUÉBEC CHIBOUGAMAU GOLDFIELDS**
1956	GM-04634	Report on the Property; **QUÉBEC CHIBOUGAMAI GOLDFIELDS;** Lacaille, G. E.
1956	GM-04892	Geological Report; **CHIBTOWN COPPER CORP;** Harris, J. J.; Robertson, J. A.; Smith, J. R.; Way, H. G.
1956	GM-05197	100 DDH Logs; **CHIB-KAYRAND COPPER MINES LTD, COPPER RAND CHIBOUGAMAU MS LTD, NEW ROYRAN COPPER MINES LTD;** Archer, W. W.; Asbury, D. W.; Brown, A.; Daniel, J.; De Montigny, P. A.; Wilson, R. J.; A-144, A-145, A-146, A-147, A-148, A-149, A-150, A-151, A-152, A-153, A-154, A-155, A-156, A-157, A-157W, A-158, A-159, A-160, A-160A, A-161, A-162, A-163, A-164, A-165, A-165W, A-166, A-167, A-168, A-169, A-170, A-172, A-173, A-174, A-175, A-176, A-177, A-178, A-178, A-180, A-181, A-182, A-183, A-184, A-185, A-186, DQ-36, DQ-37, DQ-38, DQ-39, DQ-40, DQ-41, DQ-42, DQ-43, DQ-44. DQ-45, DQ-46, DQ-47, DQ-48, DQ-49, DQ-50, DQ-51, DQ-52, DQ-53, DQ-54, DQ-55, DQ-56, DQ-57, DQ-58A, DQ-59, DQ-60, DQ-61, DQ-62, DQ-63, QS-20, QS-21, R-37, R-39, R-43, R-45, R-46, R-48, R-51, R-52, R-53, R-55, R-56, R-57, R-58, R-59, R-60, R-61, R-65, R-

		70, R-73, R-78, R-79, R-80, R-81, R-82, R-83
1962	GM-11734	Summary and Results of Works; **QUÉBEC CHIBOUGAMAU GOLDFIELDS;** Shaw, J. C.
1963	GM-14006	4 Diamond Drill Hole Logs With Assay Results; **QUÉBEC CHIBOUGAMAU GOLDFIELDS;** Shepherd, N.; QP-1, QP-2, QP-3, QP-4
1965	GM-17198	41 DDH Logs With Assay Results; **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP;** Asbury, D. W.; Shepherd, N.; Tully, J.; BT-65-1, BT-65-2, QP-6, QP-7, R-117, R-118, R-119, R-120, R-121, R-122
1966	GM-19200	8 Level Plans; **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP., QUÉBEC CHIBOUGAMAU GOLDFIELDS**
1966	GM-19239	Diamond Drill Holes Log; **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP**
1966	GM-19264	Diamond Drill Logs; **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP, QUÉBEC CHIBOUGAMAU GOLDFIELDS;** Tully, J.; Newson, R.
1967	GM-22043	Portage Mine **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP**
1966	GM-25128	Fiche de Gites, Gite C-MCK-25; **QUÉBEC CHIBOUGAMAU GOLDFIELDS;** Duquette, G.
	GM-32086	Gouin Peninsula
1989	GM-58053	Cedar Bay, Trou 5599; **MINES CAMCHIB INC.**
2000	GM-58101	Rapport Annuel d'Exploration 2000, Secteur Chibougamau, Concession Minière CM-437 (1119); **RESSOURCES MESTON INC.;** Falco, P.; re-sampling of Holes QC-18, QC-19 and QC-25
1956	RG-071	North Half of Obalski Township, Electoral District of Abitibi-East; **MRN;** Graham, R. B.
1960	RG-095	South Half of McKenzie Township, Abitibi-East Electoral District; Part 1: Southwest Quarter and North Half of Southeast Quarter, Part II: South Half of Southeast Quarter; **MRN;** Allard, G. O.; Smith, J. R.
1957	RP-352	Description of Mining Properties Visited During 1956 in the Chibougamau Region, Electoral Districts of Abitibi-East and Roberval, An Outline of Geology and Exploration Works; **MRN;** Assad, J. R.

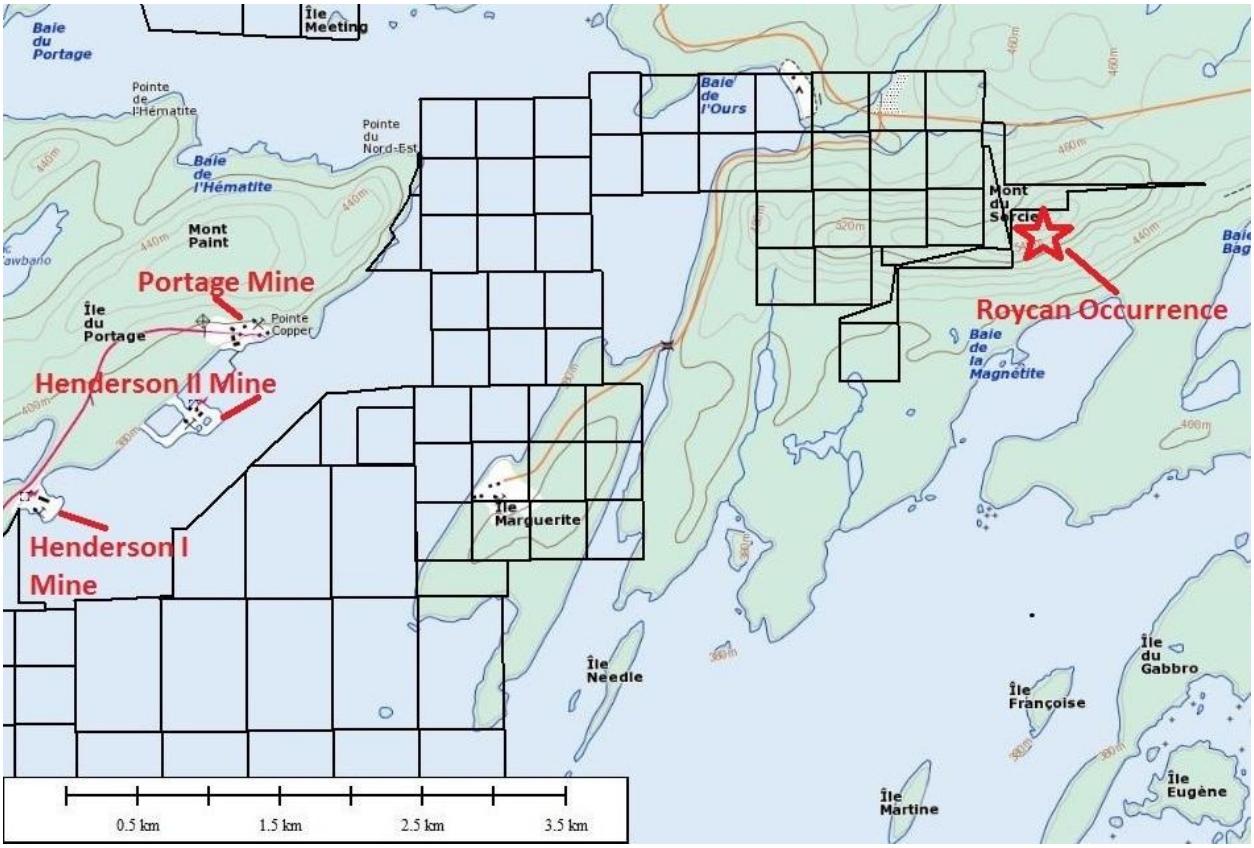
1930 - Discovery dates back to prior 1930; trenching completed.
1951 – Kokko Creek Mining completed 16 drill holes on "B" zone and 7 drill holes on "A" zone for a total of 3,564 feet.
1955 – Property acquired by Québec Chibougamau Goldfields; EM & Mag surveys along with self potential survey.
1957 – Completion of 80,910 feet of diamond drilling in 94 holes; Q-101 to Q-210, from surface.
1957 – A shaft was sunk to a vertical depth of 847 feet in order to give access to the "A" vein, 5 levels were opened.
1957 – Work abandoned due to low copper price.
1962 Shaft deepened. At the time Patino Mining agreed to mine and mill ore from Québec Chibougamau.
1962 – 1969 – Northgate – Patino acquired 50% interest and produced 226,400 tonnes grading 0.09 opt. Au and 1.72% Cu and 0.60 opt Ag (32 stopes on 5 levels).
1970 – Campbell acquires the property and carried out stripping and trenching on "C", "G", "H" and "I" Zones.
1974 – Campbell mines surface pillar of vein "A" through a decline. Minor open pit on vein "H"; Production of 29,000 tonnes grading 1.00 g/t Au and 1.28% Cu.
1970-1974 During this period, production amounts to 264,000 tons grading 1.74% Cu and 3.08 g/t Au. A remaining historical resource of 19,191 tons grading 1.93% Cu and 2.64 g/t Au was reported at the time.
1974 – Four (4) drifts were driven from Cedar Bay in order to explore and mine part of vein "G". A total of 12,539 tonnes grading 0.89 g/t Au and 1.45% Cu were extracted.
1981 – 1983 – Campbell completed few surface diamond drill holes.
1988 – Holmer Gold Mine optioned the property. The mine was dewatered and accessible drifts were re-sampled. A total of 18 drill holes were completed from surface (16,935 feet) mainly on the extension of the "A" vein.

1992 – Holmer abandoned their option.
1994 – SOQUEM Inc. completed one 196.0 m drill hole to test a NW-SE structure, no significant results.
1997 – SOQUEM Inc. compiled all data, identified 18 targets, 13 of which were tested by stripping. One sample from a "siderite" vein mineralized with pyrite and chalcopyrite returned 266.0 g/t Ag and 2.11% Cu.
1998 – GEOLA completes 5.5 km of IP (Induced Polarization) for SOQUEM; 6 anomalies were located
1999 – SOQUEM completes one hole 162.0 m to test NW extension of "C" zone; no significant results.

Roycam

Year	Document	Description
1950	GM-01222	Report Covering Expedition into Chibougamau**; CAMBRIDGE SYND;** McKenzie, M. H.
1955	GM-03680	Magnetometer and Spontaneous Polarization Surveys; **CLAIMS PUDDICOMBE, MARVELOR MINES LTD;** Hogan, H.R.; Mccuaig, J.A.; Rukeyser, W.A.; Young, M.E.
1956	GM-03763-A	3 Plans (2 Airborne Mag and 1 Airborne EM; **CHIBOUGAMAU MNG & SMTG CO INC.;** Allard, G.O.
1956	GM-04092	Resistivity Survey; **ROYCAM COPPER MINES LTD;** Maurice O.D.
1956	GM-04271	Information Report; **ROYCAM COPPER MINES LTD**; Assad, J.R.
1956	GM-04600	Geological Report; **ROYCAM COPPER MINES LTD**; Lawrence, R.D.; Ogden, M.
1957	GM-05190-B	6 DDH Logs; **ROYCAM COPPER MINES LTD;** Schimunek, K.W.; 1, 2, 3, 4, 5, 6
1957	GM-05537	Geological Report; **ROYCAM COPPER MINES LTD;** Archibald, G. M.
1959	GM-09405	AFMAG Geophysical Survey; **ROYCAM COPPER MINES LTD;** Ward, J.T.
1960	GM-09960	SE 200 Vertical Coil EM Survey; **ROYCAM COPPER MINES LTD;** Ward, J.T.
1965	GM-17227	20 Diamond Drill Hole Logs; **CAMPBELL CHIBOUGAMAU MINES LTD;** Benussi, G.; Hosain, I.; Krause, C.A.; Masterman, P.C.; FE-2, FE-3, FE-4, FE-5, FE-6, FE-7, FE-8, FE-9, FE-10, FE-11, FE-12, FE-13, FE-14, FE-15, FE-16, FE-17, FE-17, FE-19, FE-20, FE-21
1966	GM-18553	Diamond Drill Hole, Magnetite Bay, Corval Group; **CAMPBELL CHIBOUGAMAU MINES LTD;** Benussi, G.; FE-24, FE-25, FE-26, FE-27
1966	GM-19218	Diamond Drill Holes Logs, Magnetite Bay; **CAMPBELL CHIBOUGAMAU MINES LTD / CHIBERON MINING CORP.;** Benussi, G.; Hosain, I.; Krause, C.A.; FE-28, FE-29, FE-30, FE-32, FE-33, FE-34, FE-35, FE-36, FE-37, FE-38, FE-40, FS-41, FS-42, FS-43, FS-44, FS-45, FS-47, FS-49, FS-51, FS-52, FS-53, FS-56, FS-57, FS-58, FS-59, FS-61, FS-63, FS-64, FS-66, FS-69, S-32, S-33, S-34, S-35, S-36, S-37, S-38, S-39, S-40, T-313, T-314, T-315, T-316, T-317, T-318, T-319, T-320, T-321, T-322, T-323, T-324, T-325, T-326, T-327, T-328
1967	GM-19331	Report on Geological and Magnetometer Surveys over the Iron Deposits at Magnetite Bay; C**AMPBELL CHIBOUGAMAU MINES LTD / CHIBERON MINING CORP / MONTREAL TRUST CO;** Benussi, G.
1967	GM-21777	Report on geochemical Survey, Lempira Silver Prospect; C**AMPBELL CHIBOUGAMAU MINES LTD / CHIBERON MINING CORP / MONTREAL TRUST CO;** Masterman, P. C.
1968	GM-23615	Report on Pyrite-Pyrrhotite Mineralization on the Sulphur Converter Group of Claims; **CAMPBELL CHIBOUGAMAU MINES LTD / MONTREAL TRUST CO;** Mogri, Z.
1967	GM-25249	Fiche de Gite, Gite C-RY-22; **MRN;** Duquette, G.
1967	GM-25250	Fiche de Gite, Gite C-RY-23; **MRN;** Duquette, G.
1969	GM-25694	Surface Exploration, Lempira Claim Group; C**AMPBELL CHIBOUGAMAU MINES LTD / CHIBERON MINING CORP / MONTREAL TRUST CO;** Masterman, P.C.
	GM-27841	Cancelled

Figure 9: Location of the Roycan Occurrence



S-Zones (Au-Cu)

Year	Document	Description
	Mine S-3	
1970	ES-008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1976	DPV-368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QUEPUB – M.E.R**. publication
1977	DPV-454	Patrons Aéromagnétiques et Gravimétriques de Minéralisations Cupro-Zincifères de l'Abitibi; **MRN;** Favini, G.
1988	DV-88-01	Rapports des Géologues Résidents sur L'Activité Minière Régionale en 1987; **MRN;** Rive, M.; Racicot, D.; Lachance, S.; Gobeil, A.; Vallieres, A.; Duquette, G.; Marcoux, P.
1956	GM-03914-A	Malouf M. Claims, Geophysical Report, **CHIBOUGAMAU MINING & SMELTING CO**; Allard, G.
1956	GM-03914-B	MacLean-Arpin-Malouf Claims, **CHIBOUGAMAU MINING & SMELTING CO. INC.**; DDH: S-1, S-2, S-3, S-4, S-5, S-6
1958	GM-03914-C	12 Diamond Drill Holes Logs; **CHIBOUGAMAU MNG & SMTG CO INC.;** Allard, G. O.; S-10, S-11, S-12, S-13, S-14, S-15, S-16, S-17, S-18, S-7, S-8, S-9
1965	GM-17245	Summary Report on Surface Exploration, Henderson Mine Area; **CAMPBELL CHIBOUGAMAU MINES LTD;** Krause, C. A.
1966	GM-19218	DDH logs; **CAMPBELL CHIBOUGAMAU MINES LTD;** S-32, S-33, S-34, S-35, S-36, -S37, -S38, -S39, -S40
1969	GM-25693	Diamond Drill Record; **CAMPBELL CHIBOUGAMAU MINES LTD, CLAIMS METALLGESELLCHAFT**; Poliscuk, V. E.; Thalenhorst, H.; S-3/1, S-3/2, T-8/1, T-8/2, T-9/1, T-9/2, T-9/3, T-9/4, T-9/4A, T-9/5
1969	GM-25696	Surface Exploration Report on Lake Chibougamau Claims; **CAMPBELL CHIBOUGAMAU MINES LTD, CLAIMS METALLGESELLSCHAFT, MONTREAL TRUST CO;** Thalenhorst, H.
1969	GM-25697	AFMAG Test Survey, Lake Chibougamau; **CAMPBELL CHIBOUGAMAU MINES LTD, CLAIMS METALLGESELL CHAFT, MONTREAL TRUST CO;** Pelton, W. H.; McPhar Geophysics Ltd
1975	GM-31867	Report on the MaxMin II Em Survey on Lake Chibougamau during the Winter of 1975; **CHIBOUGAMAU MINES LTD;** Betz, J.E.
	GM-32676	Copper Rand drill logs
1983	GM-40996	Diamond Drill Logs; **MINES CAMCHIB INC.;** A Tremblay; T-83-01, T-83-10, T-83-11, T-83-4, T-83-5, T-83-9
1986	GM-44630	Report, Henderson 1; S/3 Mine; **MINES CAMCHIB INC.;** Zuckerkandel W.
1994	GM-53358	Summary Interpretation Report of Low Power Borehole Transient EM Surveys, Chibougamau 11-1119 Project; **SOQUEM / RESSOURCES MESTON INC.;** Dawson, D.J.W.
1994	GM-53360	Rapport de Synthèse, Propriété Chibougamau 1119; **RESSOURCES MESTON INC., SOQUEM;** Bernard, D.; 1119-94-01, 1119-94-02, 1119-94-03, 1119-94-04, 1119-94-05, 1119-94-06, 1119-94-07, 1119-94-08, 1119-94-09, 1119-94-10, 1119-94-11, 1119-94-12, 1119-94-13, 1119-94-14, 1119-94-15, 1119-94-16, 1119-94-17
1995	GM-53673	Campagne de Sondage, Hiver 1995, Projet Chibougamau; **LES RESSOURCES MESTON INC., SOQUEM;** Cloutier, P.; 1119-95-01, 1119-95-02, 1119-95-03, 1119-95-04, 1119-95-05, 1119-95-06, 1119-95-07
1996	GM-54002	Rapport de Sondage Hiver 1996, Projet Chibougamau (1119); **RESSOURCES**

		MESTON INC., SOQUEM; Fournier, G.; 1119-96-02, 1119-96-03, 1119-96-04, 1119-96-05, 1119-96-06, 1119-96-07, 1119-96-08
1961	RP-437	Preliminary Report on the Southwest and a Part of the Southeast of the Lemoine Township, Abitibi-East Electoral District; **MRN; CHIBOUGAMAU MNG & SMTG CO INC., LA-CHIB MINES LTD, TREPAN MINING CORP LTD;** De Montigny, P. A.
1954	Airborne EM Survey	
1956	Ground HELM and VLF-EM surveys. Surface diamond drilling	
1958	Surface diamond drilling	
1959-1961	EM long wire (lines 200 feet apart), N-315°	
1964-1965	Induced Polarization (IP) survey, lines 400 feet apart	
1965-1969	Chibougamau Mining and Smelting Company Inc. and Metallgesellschaft entered into an agreement to explore the S and T zone areas. An AFMag survey was run but failed to find additional targets (1968). Further drilling (1731 feet) on S-2 was done (1969) but failed to encounter significant mineralization.	
1974-	Ground magnetic survey, line 200 feet apart oriented at 315°	
1975-	MaxMin survey following ground magnetic survey the previous year	
1980-	Campbell estimated resources	
1981-1990	The Henderson Mine shaft was deepened by 391 feet to 1185 feet. In a report (1987), a total of surface 32 holes (31,642 feet) had been drilled. A cross-cut 8300 feet long was driven to access the S2 mineralization. Limited production is estimated at 420,943 tons grading 0.4% copper and 3.91 g/t gold.	
1982-1994	Surface diamond drilling	
1990-	Closure of the mine	
1993-	Induced Polarization (IP) survey, line 200 feet apart (SAGAX)	
1992-1996	Compilation and limited surface drilling by Campbell / SOQUEM. La Société Québécoise d'Exploration Minière (SOQUEM) optioned the property from Ressource Meston Inc. in June 1992. SOQUEM did a regional compilation of all existing data and produced a series of compilation maps of the regional geology, max-min compilation. Existing assessment work was reviewed and sub-divided into different types of work, a list of all drilling and the holes coordinates were developed using the original mine grid in the area.	

South Berrigan

Year	Document	Description
	South of Berrigan	
	GM-0361 B	
1956	GM-04060	Mag Survey; **CLAIMS POTTER / RED CREST GOLD MINES LTD;** Spafford, S.L.
1955	GM-04061	Report on Geochemical Survey (soil) and 4 ddh Logs; **AMALGAMATED CHIBOUGAMAU G M L;** Bischoff, C.T.; 1, 2, 3, 4
1963	GM-13417	3 DDH Logs; **CHIB-KAYRAND COPPER MINES LTD;** Bidgood, N.; P-13, P-14, P-15
1963	GM-13459	12 ddh Logs; **CHIB-KAYRAND COPPER MINES LTD**; Bidgood, N.; P-1, P-2, P-3, P-4, P-5, P-6, P-7, P-8, P-9, P-10, P-11, P-12
1963	GM-13609	1 ddh Log; **CHIB-KAYRAND COPPER MINES LTD;** Bidgood, N.; P-16
1965	GM-17194	7 DDH Logs with Assay Results; **CHIB-KAYRAND COPPER MINES LTD;** Bidgood; K-1, K-2, K-3, K-4, K-5, K-6, K-7
1975	GM-31055	1 ddh Log and Programme; **CAMPBELL CHIBOUGAMAU MINES LTD / YORBEAU MINES INC.;** Essop, S.; AL-7
1984	GM-40971	RAPPORT DE Sondage, Groupe Lac Antoinette: **COMPAGNIE MINIERE YORBEAU / MINES CAMCHIB INC.;** Lariviere L.; AL-83-8

1984	GM-40999	Summary Report 1983, Beltac Property; **MINES CAMCHIB INC. / SOQUEM;** Racine, M.; BTC-83-1, BTC-83-2, BTC-83-4
2006	GM-62549	Rapport d'Exploration, Propriété Gilman; **RESSOURCES ITAMINERAQUE INC.;** Falco, P.; 1291-05-01

South Lac Doré

Year	Document	Description
1973	GM-35085	Rapport Préliminaire sur le Programme Conjoint: Projet **UMEX / SOQUEM** dans le Pluton de Chibougamau; Projet Sept-Lieux (11-490); Felder, F.; Porphyry-copper type mineralization; Chibougamau & Opemisca Plutons

Sulphur Converting (VMS)

Year	Document	Description
	Sulphur Converting	
1970	ES-008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1976	DPV-368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QUEPUB – M.E.R**. publication
1967	ES-002	Annotated Bibliography on Metallic Mineralization in the Regions of: NORANDA, MATAGAMI, VAL D'OR, CHIBOUGAMAU; **DEPARTMENT OF NATURAL RESOURCES;** Special Paper 2
1969	ES-004	Copper in Québec; **MRN;** Waddington, G. W.
1951	GM-01640	Information Report; **CHIBMAC MINES LTD;** Corbett, H. E.
1952	GM-01723	Report on Available Information Sulphur Converting Corporation; **SULPHUR CONVERTING CORP; MRN,** Graham, R. B.
1952	GM-01737	Report on Property**; SULPHUR CONVERTING;** Corbett, H. E.; Jewell, J. P.
1952	GM-01877	Progressive Bulletin; **SULPHUR CONVERTING CORP.;** Leclerc, J. A.
1959	GM-05861	Report on Property**; SULPHUR CONVERTING CORP.;** Corbett, H. E.; Dallaire, J. R.; Jewell, J. P.
1957	GM-06042	Rapport d'Information Avec Extraits; **SULPHUR CONVERTING CORP.;** Denis, B. T.
1959	GM-10833	Memorandum; **SULPHUR CONVERTING CORP;** Leclerc, J. A.
1959	GM-10834	Memorandum; ; **SULPHUR CONVERTING CORP;** Leclerc, J. A.
1960	GM-10835	Memorandum; ; **SULPHUR CONVERTING CORP;** Nyman E.
1958	GM-10836	Reports A-714 to A-723, Covering Mineralogical, Petographic and 60 Elements Semi-Quantative Spectrographic Analyses and Also Chemical Analyses for Iron and Sulphur Contents; **SULPHUR CONVERTING CORP.;** Warnock Hersey Co Ltd; Nyman, E.
1958	GM-10837	Report on Property; **SULPHUR CONVERTING CORP.;** Atwater, R. M.
1959	GM-10838	Description of the Ore Body At Bear Bay; **SULPHUR CONVERTING CORP.;** Atwater, R. M.
1961	GM-12621	Metallurgical Report on Ore; **SULPHUR CONVERTING CORP.;** Thornton, E. W. J.

1952	GM-21158	Report on Property; **SULPHUR CONVERTING CORP.;** Graham, R. B.
1960	GM-21163	Résumé Des Travaux; **SULPHUR CONVERTING CORP.;** Gilbert, J. E.
1967	GM-25248	Fiche de Gite, Gite C-RY-21; **MONTREAL TRUST CO.;** Duquette, G.
1972	GM-28549	Rapport sur les Claims du Groupe Sulphur Converting; **CAMPBELL CHIBOUGAMAU MINES LTD, SULPHUR CONVERTING CORP,;** Budrevics, V.; Kloeren, C. J.; Morasse, M.
1974	GM-30764	Assessment Report, Sulphur Converters Property; **CAMPBELL CHIBOUGAMAU MINES LTD, SULPHUR CONVERTING CORP.;** Ford, G, M.; Gilman, W. F.; diamond drill logs; SC-74-1, SC-74-2, SC-74-3, SC-74-4
1982	GM-40711	Report on Roy Project, 1982 Drilling Project, Contact Bay; **MINES CAMCHIB INC.;** GR-83
1993	GM-52441	Journal de Sondage, Propriété Chibougamau; **RESSOURCES MESTON INC.;** Bernard, D.; 1119-93-01, 1119-93-02, 1119-93-03, 1119-93-04, SC-83-09 EXT
1995	GM-53357	Rapport Géologique, Propriété Chibougamau, 1119, Secteur du Mont Sorcier, Canton Roy, SNRC 32 G/16, **SOQUEM / RESSOURCES MESTON INC. ;** Falco, P. & Bernard, D. (trenching and assay results)
1995	GM-53882	Campagne de Décapage et Sondage, Automne 1994 – Hiver 1995, Propriété Valiquette (1114); **SOQUEM;** Poitras, S.
1958	RP-370	Preliminary Report on the Southwest Quarter of Roy Township, Abitibi-East Electoral District; **MRN;** Horscroft, F. D. M.

1929 - Discovery of VMS mineralization
1929-1930 - Stripping & drilling by Dome Mines Ltd and Chibougamau McKenzie Mines Limited
1931 - Chibougamau Goldfields Limited conducted 1,357 feet of drilling
1934 - Property visited by Noranda and Chibougamau Goldfields
1947- Roybar Chibougamau Mines Ltd complete magnetic survey and drilling: H-21, H-22
1951 - Early history documented by Dominion Geological Survey
1951- Chibmac Mines Limited carried out trenching
1952 - Sulphur Converting Company was incorporated
1952 – 1959 Drilling by Sulphur Converting, studies to determine its economic potential
1952 – 1956 Grandine Mines Ltd complete EM survey, geological mapping, trenching and diamond drilling: H-46, H-67, H-68
1959-1970 - Sporadic exploration works by Sulphur Converting
1970 – 1974 Campbell Chibougamau Mines Limited conducted 17.5 miles of cut lines, 4.9 miles of magnetic survey, 13.6 miles of EM and 12 trenches. Drilling of 4 holes (SC-74-01 to -04)
1992 – Geological and geophysical compilation by SOQUEM
1993 – Line cutting on Lac Chibougamau, 340 km, 315 km of I.O. (Induced Polarization) , 2 ddh (SC-83-09ext and 1119-93-01 for a total of 641 m. on the Sulphur Converting horizon
1993 – Pulse EM in hole SC-83-09 ext and 1119-93-01
1993 – Refresh 28 km of lines; mapping sector of Bay Magnetite; mapping islands in Lac Chibougamau in order to investigate IP anomalies, drilling 1119-93-02, 1119-93-03 and 1119-93-04 for 1,275 m on Sulphur Converting
1993 – Stripping of a new gold showing east of Sulphur Converting occurrences

Figure 10: Location of S-Zones & T-Zones

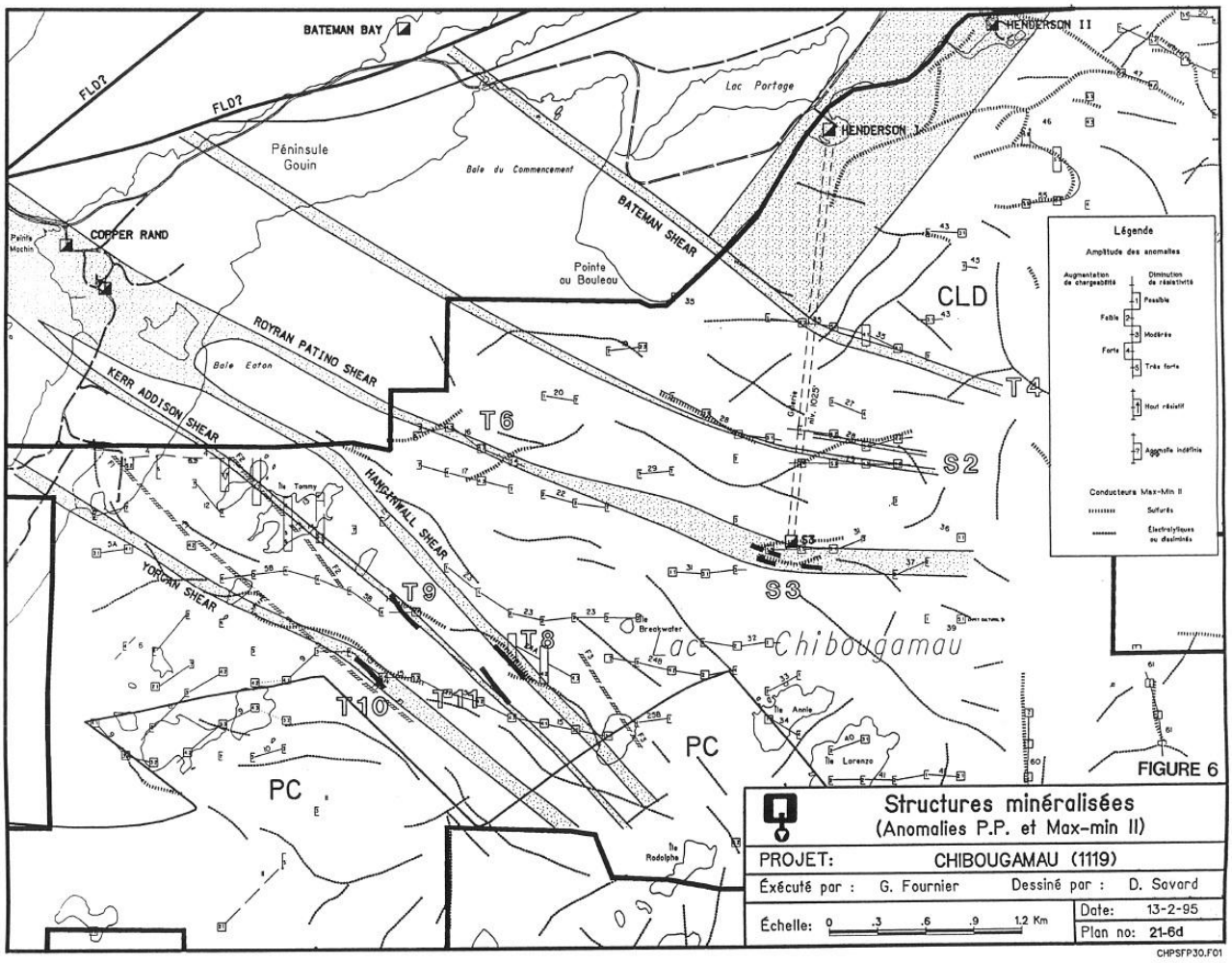
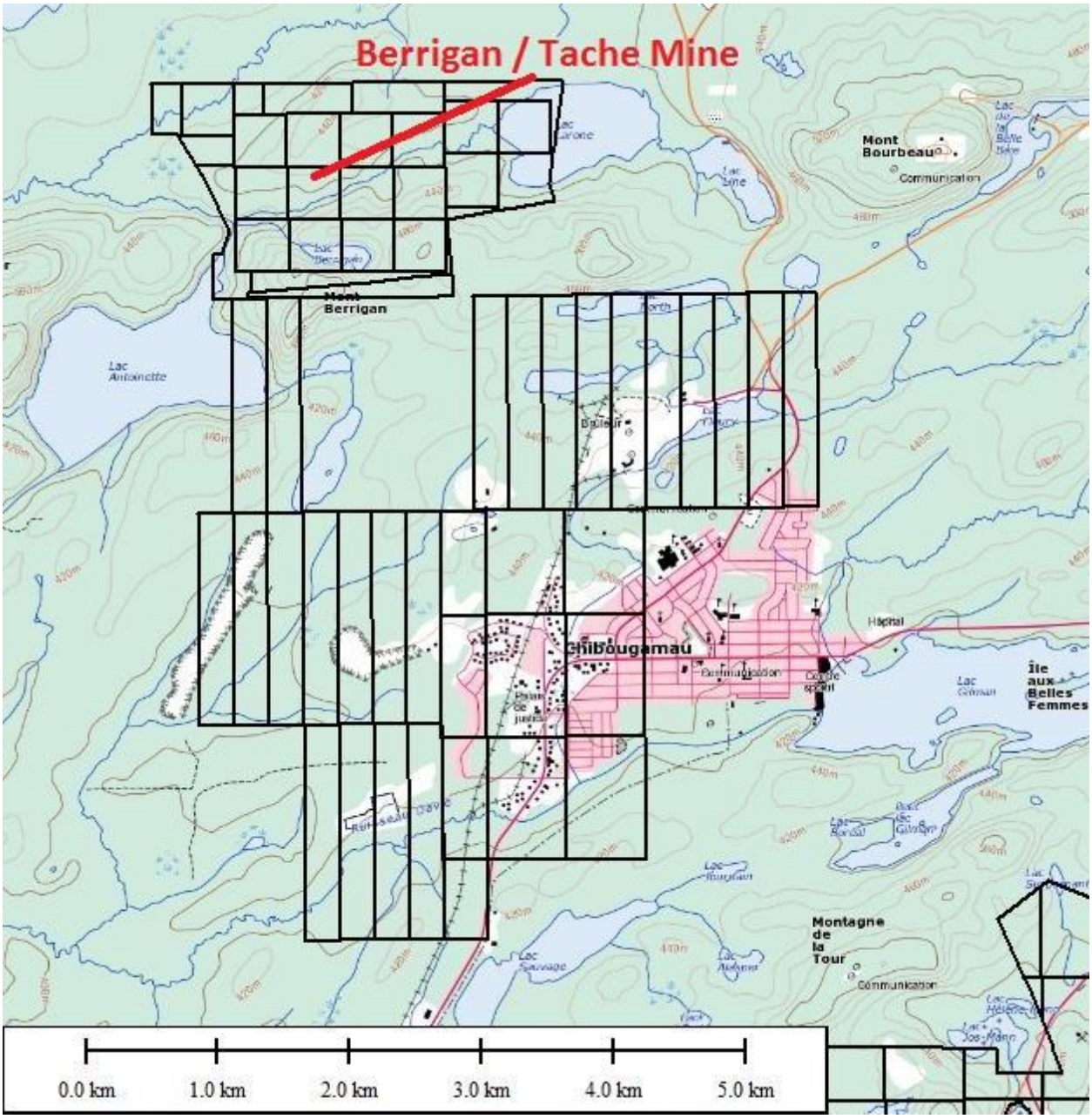


Figure 11: Sketch of the Claims “South of Berrigan”



T (Tommy / Yorcan Zones) (Au-Cu)

Year	Document	Description
	Zones T (Tommy)	
1970	ES-008	Stratigraphie de l'Archéan et Relations Métallogéniques dans la Région de Chibougamau; **QERPUB – M.E.R.** publication
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1976	DPV-368	Doré Lake Complex and Its Importance to Chibougamau Geology and Metallogeny; G.O. Allard. **QUEPUB – M.E.R.** publication
1977	DPV-507	Levé Géophysique marin; Lac Chibougamau (Partie Nord); **RELEVÉS GÉOPHYSIQUES INC.**
1979	DPV-719	Levé Géophysique Marin, Lac Chibougamau (Partie Sud); **GÉOPHYSIQUE FRANCE-QUÉBEC INC.**
1991	DV-91-29	Traitement des Données Géophysiques (Aéromagnétiques) Chibougamau (32G/16, cartes 2158 A et B); **SIAL GÉOSCIENCES INC.**
1956	GM-04816-A	Geological Plan with Trenches; **CHIBOUGAMAU MNG & SMTG CO INC.**
1957	GM-05651-A	10 Plans (1 property, 5 EM, 1 Resistivity, 1 Water Depth, 2 Mags); **CAMPBELL CHIBOUGAMAU MINES LTD, CHIBOUGAMAU MNG & SMTG CO INC., CHIBOUGAMAU VENTURES LTD, YORKAN EXPL LTD**
1957	GM-05651-B	79 ddh Logs & Assays Results; **CHIBOUGAMAU MNG & SMTG CO INC., YORKAN EXPL LTD;** T-100, T-101, T-102, T-103, T-104, T-111, T-112, T-113, T-114, T-117, T-118, T-119, T-120, T-121, T-124, T-128, T-130, T-131, T-133, T-135, T-136, T-137, T-137-A, T-138, T-139, T-141, T-143, T-144, T-151, T-154, T-157, T-158, T-160, T-161, T-164, T-165, T-23, T-24, T-25, T-26, T-27, T-28, T-29, T-30, T-31, T-32, T-34, T-35, T-36, T-38, T-40, T-41, T-43, T-44, T-48, T-49, T-50, T-51, T-52, T-53, T-55, T-57, T-61, T-62, T-64, T-65, T-66, T-68, T-73, T-78, T-79, T-81, T-82, T-83, T-92, T-93, T-94, T-95, T-99
1959	GM-09025	Report on Miscellaneous Properties in the Chibougamau Mining Area; **DADSON LAKE CHIBOUGAMAU M L;** Hogan, H. R.; Hogan & McCuaig
1965	GM-17245	Summary Report on Surface Exploration – Henderson Mine- Area; Krause, C.A.
1966	GM-19218	Diamond Drill Holes Logs, Magnetite Bay R-1 Property; **CAMPBELL CHIBOUGAMAU MINES LTD, CHIBERON MINING CORP.;** Benussi, G.; Hosain, I; Krause, C. A.; FE-28, FE-29, FE-30, FE-32, FE-33, FE-34, FE-35, FE-36, FE-37, FE-38, FE-40, FS-41, FS-42, FS-43, FS-44, FS-45, FS-47, FS-49, FS-51, FS-52, FS-53, FS-56, FS-57, FS-58, FS-59, FS-61, FS-63, FS-64, FS-66, FS-69, S-32, S-33, S-34, S-35, S-36, S-37, S-38, S-39, S-40, T-313,T-314, T-315, T-316, T-317, T-318, T-319, T-320, T-321, T-322, T-323, T-324, T-325, T-326, T-327, T-328, T-328A
1966	GM-19219	Summary Report on Surface Exploration – Lake Chibougamau; **CAMPBELL CHIBOUGAMAU MINES LTD;** Krause, C. A.
1967	GM-21776	Summary Report – Lake Chibougamau Exploration, K, T, ans Sulphur Converting Groups; **CAMPBELL CHIBOUGAMAU MINES LTD, GRANDROY MINES LTD, MID-CHIBOUGAMAU MINES LTD, MONTREAL TRUST CO;** Masterman, P. C.
1969	GM-25693	Diamond Drill Record; **CAMPBELL CHIBOUGAMAU MINES LTD, CLAIMS METALLGESELLSCHSFT;** Poliscuk, V. E.; Thalenhorst, H.; S-3/1, S-3/2, T-8/1, T-8/2, T-9/1, T-9/2, T-9/3, T-9/4, T-9/4A, T-9/5
1969	GM-25696	Surface Exploration Report on Lake Chibougamau Claims; **CAMPBELL CHIBOUGAMAU MINES LTD, CLAIMS METALLGESELLSCHATF, MONTREAL TRUST CO;** Thalenhorst, H.
1969	GM-25697	AFMAG Test Survey, Lake Chibougamau; **CAMPBELL CHIBOUGAMAU MINES LTD, CLAIMS METALLGESELLSCHATF, MONTREAL TRUST CO;** Pelton, W, H.; McPhar

		Geophysics Ltd
1973	GM-28551	Report on EM and IP Surveys, T-9 A case Study; **CAMPBELL CHIBOUGAMAU MINES LTD;** Dompierre, F.
1973	GM-29544	Rapport des Travaux Exécutés sur le Lac Chibougamau, Pendant l'Hiver 72/73; **CAMPBELL CHIBOUGAMAU MINES LTD;** Betz, J. E.; Crevier, B.; Dompierre, F.
1973	GM-29546	Diamond Drill record; **CAMPBELL CHIBOUGAMAU MINES LTD,** Crevier, B.; Dompierre, F.; Kloeren, C. J.; Morasse, M.; T-338, T-339, T-340, T-341, T-342, T-343A, T-343B, T-344, T-345, T-346, T-347, T-348, T-349, T-350, T-351, T-352, T-353, T-354, T-355, T-356, T-357, T-358, T-359, T-360
1974	GM-30759	Preliminary Report; **CAMPBELL CHIBOUGAMAU MINES LTD;** Essop, S.; T-361, T-362, T-363, T-364, T-365, T-366, T-367, T-368, T-369, T-370, T-371, T-372, T-373, T-374, T-375, T-376, T-377, T-378, T-379, T-387, T-388, T-389, T-390, T-391, T-392, T-393, T-394, T-395, T-396, T-397, T-398, T-399, T-400, T-401, T-402
1981	GM-37865	Marine Seismic Survey on the S3 Group, Chibougamau Lake; **RESSOURCES CAMCHIB INC., RESSOURCES CAMPBELL INC.;** Prior, J. W.; McQuest Marine Sciences Ltd
1993	GM-52103	Rapport sur un Levé de Polarisation Provoquée, Projet Chibougamau (11-1119); **RESSOURCES MESTON INC.;** Bérubé, P.: Sagax Géophysique Inc.
1994	GM-53358	Summary Interpretation Report of Low Power BoreHole Transient EM Surveys, Chibougamau 11-1119 Project; **RESSOURCES MESTON INC., SOQUEM;** Dawson, D. J.
1994	GM-53360	Rapport de Synthèse, Propriété Chibougamau 1119; **RESSOURCES MESTON INC., SOQUEM;** Bernard, D.; 1119-94-01, 1119-94-02, 1119-94-03, 1119-94-04, 1119-94-05, 1119-94-06, 1119-94-07, 1119-94-08, 1119-94-09, 1119-94-10, 1119-94-11, 1119-94-12, 1119-94-13, 119-94-14, 1119-94-15, 1119-94-16, 1119-94-17
1994	GM-53362	Campagne de Sondage, Hiver 1994, Propriété Chibougamau, Phase 2; **RESSOURCES MESTON INC.;** Folco, P.; 1119-94-18, 1119-94-19, 1119-94-20, 1119-94-21
1995	GM-53673	Campagne de Sondage, Hiver 1995, Projet Chibougamau; **RESSOURCES MESTON, INC., SOQUEM;** Cloutier, P.; 1119-95-01, 1119-95-02, 1119-95-03, 1119-95-04, 1119-95-05, 1119-95-06, 1119-95-07
1988	MB-88-26	Levé Gravimétrique dans la Région de Chibougamau – Chapais; **GÉOPHYSIQUES G P R INTERNAT INC.;** Auger, A.
1956	RG-071	North Half of Obalski Township, Electoral District of Abitibi-East; **M R N;** Graham, R. B.
1957	RP-352	Description of Mining Properties Visited During 1956 in the Chibougamau Region, Electoral Districts of Abitibi-East and Roberval. An Outline of Geology and Exploratory Works; **MRN;** Assad, J. R.
	Zone T-4	
1972	DP-079	Levé EM Aérien par Input MK V, Région de Chibougamau; QUEPUB – M.E.R. publication; **QUESTOR SURVEYS LTD**
1982	DP-867	Levé EM Aérien Par Input MK VI à l'échelle Modifiée – Région de Chibougamau; **QUESTOR SURVEYS LTD**
1983	DP-84-03	Compilation d'Anomalies Électromagnétiques de Type INPUT – Région de l'Abitibi; **MER**
1989	DP-89-12	Levé EM Héliporté REXHEM IV, Région du Lac Bourbeau; **SIAL GÉOSCIENCES INC.**
1991	DP-91-04	Levé EM Aérien Héliporté REXHEM IV, Région de la Rivière Armittage; **SIAL GÉOSCIENCES INC.**
1979	DPV-719	Levé Géophysique marin – Lac Chibougamau (Partie Sud); **GÉOPHYSIQUE FRANCE-QUÉBEC INC.**
1955	GM-03253-B	Report on EM Survey; **PORTAGE ISLAND CHIBOUGAMAU M L;** Burlinson A.;

		Davidson, S.; McPhar Geophysics Ltd
1955	GM-03350	Geological Report; **BATEMAN BAY MINING CO;** Graham, R. B.
1955	GM-03362-A	Geological Report; **MARVELOR MINES LTD;** McCuaig, J. A.
1955	GM-03636	Magnetometer Survey, Group C.N. 4; Roy Township, Québec; **MARVELOR MINES LTD**; Hogan, H.R., McCuaig, J. A.
1956	GM-03763-A	Airborne Geophysical Survey **CHIBOUGAMAU MINING & SMELTING COMPANY INC.;** by Aeromagnetic Surveys Limited
1956	GM-03916	Geophysical Surveys Report; **CHIBOUGAMAU MNG & SMTG CO INC.;** Allard, G. O.
1956	GM-04013-A	Summary Report of Work Done; **PORTAGE ISLAND CHIBOUGAMAU M L;** Graham, R. B.
1956	GM-04078	Geological Report; **BATEMAN BAY MINING CO;** Graham, R. B.
1956	GM-04136-A	Report on magnetometer, Resistivity and Electro-Magnetic Surveys; **BATEMAN BAY MINING CO;** Graham, R. B.; Geo-technical Dev Co Ltd
1956	GM-04204	Geological Report; **YORCAN EXPL LTD;** Assad, J. R.
1956	GM-04274	Information Report; **BATEMAN BAY MINING CO;** Assad, J. R.
1956	GM-04341-A	Geological Report and DDH Results; **BATEMAN BAY MINING CO;** Bridger, J. R.
1956	GM-04396	Information Report; **CHIBOUGAMAU MNG & SMTG CO INC.;** Assad, J. R.
1956	GM-04401	Information Report; **PORTAGE ISLAND CHIBOUGAMAU M L;** Assad, J. R.
1956	GM-05108	Results of Works Done With Analyses; **CHIBOUGAMAU MNG & SMTG CO INC., NEW YORK & HONDURAS ROS MNG CO, YORCAN EXPL LTD;** Malouf, S. E.
1957	GM-05396	Information Report; **PORTAGE ISLAND CHIBOUGAMAU M L;** Archibald, G. M.
1957	GM-05398	Mining Property Report; **BATEMAN BAY MINING CO;** Archibald, G. M.
1957	GM-05651-A	10 Plans (1 property, 5 EM, 1 Resistivity, 1 Water Depth, 2 Mag); **CAMPBELL CHIBOUGAMAU MINES LTD, CHIBOUGAMAU MNG & SMTG CO INC., CHIBOUGAMAU VENTURE LTD, YORCAN EXPL LTD;** Prospecting Geophysics Ltd
1957	GM-05671	Report on Electromagnetic Survey; **BATEMAN BAY MINING CO;** Maurice, O. D.; Geo-Technical Dev Co Ltd
1959	GM-07860	Report on Exploration Works; **PORTAGE ISLAND CHIBOUGAMAU M L;** Buffam, B. S. W.
1957	GM-07861	Report on the Property (Geology, Diamond Drilling and Sampling); **PORTAGE ISLAND CHIBOUGAMAU M L;** Graham, R. B.
1959	GM-08618	Report on the Property; **PORTAGE ISLAND CHIBOUGAMAU M L;** Buffam, B, S. W.
1959	GM-09070	Summary of Work Completed on the Property; **BATEMAN BAY MINING CO;** Bridger, J. R.
1959	GM-09372	Long Wire Electromagnetic and Magnetic Survey; **CAMPBELL CHIBOUGAMAU MINES LTD;** Hinse, R.
1960	GM-09477	Report on Development Work; **PORTAGE ISLAND CHIBOUGAMAU M L;** Buffam, B. S. W.
1960	GM-09662	Application for Mining Concessions; **BATEMAN BAY MINING CO;** Bridger, J. R.
1960	GM-09934	Report on Property; **PORTAGE ISLAND CHIBOUGAMAU M L;** Buffam B. S. W.
1964	GM-14499	Report on Exploration Work: Base Metal Property; **PATINO MINING CORP;** Duquette, G.
1965	GM-17245	Summary Report on Surface Exploration, Henderson Mine Area; **CAMPBELL CHIBOUGAMAU MINES LTD;** Krause, C. A.
1966	GM-18264	Travaux Exécutés sur les Blocks A, B, D et E de l'Ile Portage; **PATINO MINONG CORP, PORTAGE ISLAND CHIBOUGAMAU M L;** Duquette, G.
1966	GM-18265	Summary of Surface Diamond Drilling, Portage Island Mine; **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP, PORTAGE ISLAND CHIBOUGAMAU M L**
1966	GM-18266	Ground Geophysical and Geological Coverage, Portage Island Mine; **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP, PORTAGE ISLAND CHIBOUGAMAU M L**

1957	GM-19068	1 Plan of Magnetic Survey with Proposed DDH; **PORTAGE ISLAND CHIBOUGAMAU M L;** Pearce, J. A.
1966	GM-19070	Report on Induced Polarization Survey, Portage Island (Area No 3); **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP;** Lewis, M.; Seigel, H. O.
1956	GM-19071	Report on Electrical Resistivity Survey on the Portage Island; **PORTAGE ISLAND CHIBOUGAMAU M L;** Szetu, S. S.; Geo-Technicaln Dev Co Ltd
1965	GM-19072	Report on Induced Polarization Survey; **COPPER RAND CHIBOUGAMAU MS LTD, PATINO MINING CORP;** Siegel, H. O.; Siegel Associates Ltd
1966	GM-19219	Summary Report on Surface Exploration - Lake Chibougamau; **CAMPBELL CHIBOUGAMAU MINES LTD;** Krause, C. A.
1967	GM-21776	Summary Report – Lake Chibougamau Exploration, K, T and Sulphur Converting Groups; **CAMPBELL CHIBOUGAMAU MINES LTD, GRANDROY MINES LTD, MID-CHIBOUGAMAU MINES LTD, MONTREAL TRUST CO;** Masterman, P. C.
1969	GM-25696	Surface Exploration Report on Lake Chibougamau Claims; **CAMPBELL CHIBOUGAMAU MINES LTD, CLAIMS METALLGESELLSCHAFT, MONTREAL TRUST CO;** Thalenhorst, H.
1969	GM-25697	AFMAG Test Survey, Lake Chibougamau; **CAMPBELL CHIBOUGAMAU MINES LTD, CLAIMS METALLGESELLSCHAFT, MONTREAL TRUST CO;** Pelton, W. H.; McPhar Geophysics Ltd
1975	GM-31867	Report on the Max-Min II EM Survey on Lake Chibougamau During the Winter; **CAMPBELL CHIBOUGAMAU MINES LTD**; Betz, J.E. and Verret, G.
1981	GM-37865	Marine Seismic Survey on the S-3 Group, Chibougamau Lake; **RESSOURCES CAMCHIB INC., RESSOURCES CAMPBELL INC.;** Prior, J. W.; McQuest Marine Science Ltd
1993	GM-52103	Rapport sur un Levé de Polarisation Provoquée, Projet Chibougamau (11-1119); **RESSOURCES MESTON INC., SOQUEM;** Bérubé, P.; Sagax Géophysique Inc.
1994	GM-53360	Rapport de Synthèse, Propriété Chibougamau 1119; **RESSOURCES MESTON INC., SOQUEM;** Bernard, D.
1996	GM-54001	Rapport d'Interprétation de Levés Électromagnétiques Pulsé EM en Forage, Projet Lac Chibougamau; **RESSOURCES MESTON INC.;** Lambert, G.; SOQUEM – Val d'Or Géophysique Ltée
1996	GM-54002	Rapport de Sondage Hiver 1996, Projet Chibougamau (1119); **RESSOURCES MESTON INC.;** Fournier, G.; SOQUEM – Techni-Lab Abitibi Inc.; 1119-96-02, 1119-96-03, 1119-96-04, 1119-96-05, 1119-96-06, 1119-96-07, 1119-96-08
1988	MB-88-26	Levé Gravimétrique dans la Région de Chibougamau –Chapais: **GÉOPHYSIQUE G P R INTERNAT INC.;** Auger, A.
1970	RP-589	Preliminary Report, Geology of the Northwest Quarter of Lemoine Township, Abitibi-East County; **MRN;** Allard, G. O.

1956 – 1984 12 drill hole drilled on T-8 zone during the period.
1980's In the mid 1980's Campbell Chibougamau Ltd estimated on the T-8 Zone a probable resource of 140,000 t. grading 0.245 opt. Au over an average width of 5.5 feet with an inferred resource of 300,000 t. still grading 0.245 opt. Au (GM 53673).

Virginia Property

Year	Document	Description
1950	GM-00872	Diamond Drill Log, Merrill Island Group; **ROYRAN GOLD FIELDS LTD;** 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16
1951	GM-01455	Diamond Drill Log, Merrill Island Group; **QUÉBEC CHIBOUGAMAU GOLDFIELDS,**

		ROYRAN GOLD FIELDS LTD; 17, 18A, 19, 20, 21
1957	GM-03683	73 ddh Logs; **CHIB-KAYRAND COPPER MINES LTD, COPPER CLIFF CONS MINING CORP;** Archer, W. W.; Asbury, D. W.; Bidgood, N.; Daniel, L.; Phillipson, J.; Wilson, R. J.; JO-1, JO-2, JO-3, JO-4, JO-5, CK-1, CK-2, CK-3, CK-4, CK-5, CK-7, CK-8, CK-9, CK-10, CK-11, CK-12, CK-13, CK-14, CK-15, CK-16, CK-17, CK-18, CK-19, CK-20, CK-21, CK-22, CK-23, CK-24, CK-25, CK-26, CK-27, CK-28, CK-29, CK-30, CK-31, CK-32, CK-51, CK-52, CK-53, CK-54, CK-55, CK-56, CK-57, CK-58, CK-59, CK-60, CK-61, CK-62, CK-63, CK-64, CK-65, CK-66, CK-67, CK-68, CK-69, CK-70, CK-71, CK-72, CK-73, CK-74, CK-75, CK-76, CK-77, CK-78, CK-79, CK-80, CK-81, CK-82
1973	GM-28552	5 DDH Logs & Reports on Works Done; **CAMPBELL CHIBOUGAMAU MINES LTD;** A-27, A-28, A-29, A-30A, A-31
	GM-30763	
2009	GM-64290	Cartes Géochimiques Modelbuilder et Cibles Anomales de l'Environnement Secondaire pour le Québec. **MRNF;** Lamothe, D.

1119-94-07

Year	Document	Description
1966	GM-19219	Summary Report on Surface Exploration – Lake Chibougamau; **CAMPBELL CHIBOUGAMAU MINES LTD;** Krause, C. A.
1967	GM-21776	Summary Report – Lake Chibougamau Exploration, K, T, and Sulphur Converting Groups; **CAMPBELL CHIBOUGAMAU MINES LTD, GRANDROY MINES LTD, MID-CHIBOUGAMAU MINES LTD, MONTREAL TRUST CO;** Masterman, P.C
1994	GM-53360	Rapport de Synthèse, Propriété Chibougamau; **RESSOURCES MESTON INC., SOQUEM;** Bernard, D.; 1119-94-01, 1119-94-02, 1119-94-03, 1119-94-04, 1119-94-05, 1119-94-06, 1119-94-07, 1119-94-08, 1119-94-09, 1119-94-10, 1119-94-11, 1119-94-12, 1119-94-13, 1119-94-14, 1119-94-15, 1119-94-16, 1119-94-17

1119-95-01

Year	Document	Description
1995	GM-53673	Campagne de Sondage, Hiver 1995, Projet Chibougamau; **RESSOURCES MESTON INC. SOQUEM;** Cloutier, P.; 1119-95-01, 1119-95-02, 1119-95-03, 1119-95-04, 1119-95-05, 1119-95-06, 1119-95-07

1119-95-05

Year	Document	Description
1995	GM-53673	Campagne de Sondage, Hiver 1995, Projet Chibougamau; RESSOURCES MESTON INC. SOQUEM; Cloutier, P.; 1119-95-01, 1119-95-02, 1119-95-03, 1119-95-04, 1119-95-05, 1119-95-06, 1119-95-07

7-) Geological Setting and Mineralization

The volcanic stratigraphy in the Chibougamau area is representative of deep water deposition to subaerial environments. The volcano-sedimentary package is cut by mafic to ultramafic sills, and younger plutonic intrusions ranging from tonalities to carbonatites. Structural features from Archean (synvolcanics to Grenvillian in age) and their various controls on ore formation have been summarized by Pilote et al (1996). The recent work by F. Leclerc (2008, 2011) in the Chapais-Chibougamau area has further refined this complex geology and stratigraphy of this sector. The earlier stratigraphic interpretation has been modified in order to accommodate recent field observations (Figure 3: Regional Geology; Figure 4: Stratigraphic section within the Roy Group).

The area under study is located within the Superior Structural Province of the Canadian Shield in the eastern part of Canada and the northern part of the USA. These Precambrian formations are usually covered by a "veneer" of variable thickness of glacial debris overburden.

The Abitibi Sub-province is the world's largest contiguous area of Archean volcanic and sedimentary rocks that host a significant number of base and precious metal mineral deposits. Bedrock exposure is generally quite low over much of the property. Much of the geological information and structural features of the bedrock have been derived from the aggregate of surface exploration including: a) thousands of meters of diamond drilling, b) significant amount of trenching and c) abundant conventional surface geophysical surveys. Elsewhere, detailed information from underground mapping and related structural studies, have proven invaluable to a better understanding of the geologic and metallogenic features of the ore bodies of the Chibougamau Camp.

The volcano-sedimentary Matagami-Chibougamau Archean Belt represents the eastern portion of the better known "Abitibi Volcanic Belt". The Matagami – Chibougamau "band" occupies the northeastern part of the Abitibi Belt. It has been characterized as the "Internal Zone" of the Abitibi Belt. This band extends over a distance of more than 400 km from the Kapuskasing Structure to the west to the Grenville Front to the east. The Archean Greenstone Belt has even been traced for at least 10 km eastward as metamorphosed vestiges within the younger Grenville Structural Province.

The general appearance is one of oval-shape batholiths surrounded by east-west trending "greenstone belts" usually "wrapping" around the batholiths. Regional and local folding is common and the dips of the formation are usually sub-vertical. Further to the east, Proterozoic sedimentary rocks lie horizontally on the Archean basement.

Figure 12: Regional Geology

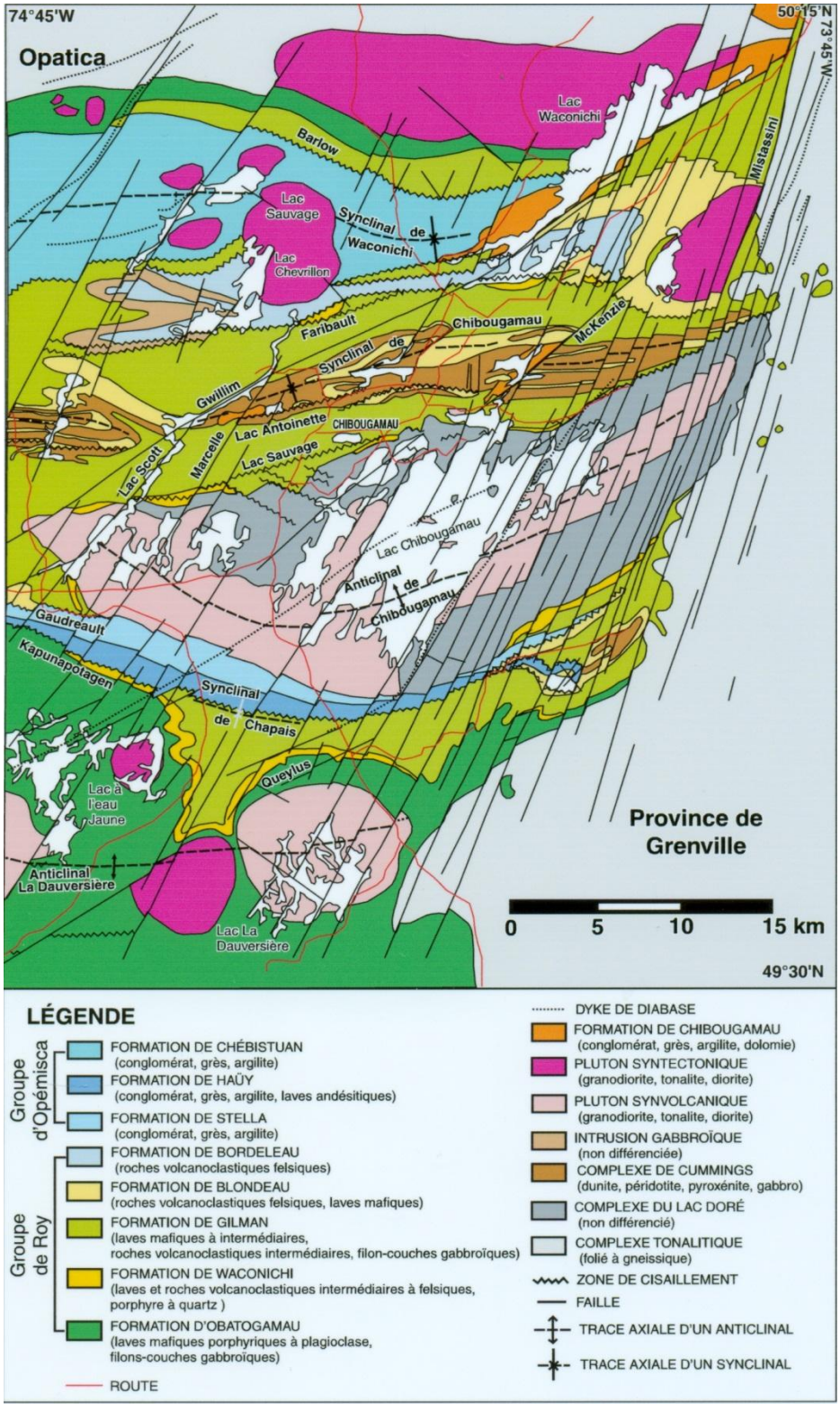
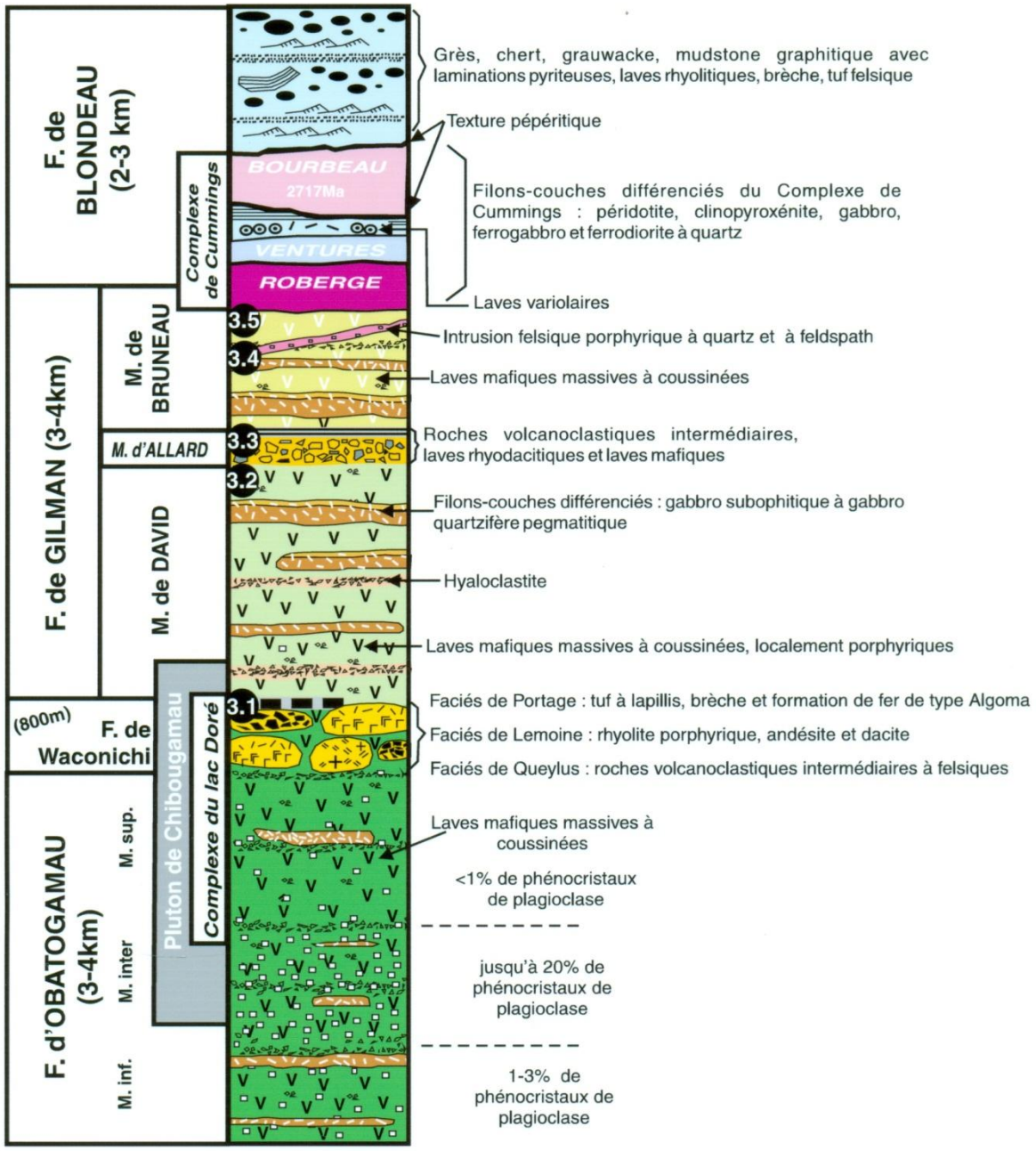


Figure 13: Stratigraphic section within the Roy Group



The Matagami-Chibougamau band differs from the Kirkland – Noranda – Val d'Or band by the presence of large "stratiform differentiated complexes" such as the Lac Doré Complex, Lac Des Chaleur Complex, Opiwaca River Complex and the Bell River Complex. Some of these complexes can host important concentrations of Fe-Ti-V and are being evaluated as potential sources of ferro-vanadium, titanium and also vanadium.

The greenstone belts are generally metamorphosed from lower/middle greenschists facies to locally lower amphibolite facies as a result of the "Kenorean Orogeny" (2,600 to 2,800 Ma.). Contact metamorphism is also locally well developed. Just east-southeast of the Chapais-Chibougamau area, the grade of metamorphism increases toward the Grenville Front. The Grenville Front represents a tectonic zone separating the Superior Province from the Grenville Province.

The "Abitibi Volcanic Belt" has been affected by numerous phases of deformation. The main deformation episode created large E-W trending, steeply dipping isoclinal folds. The center or axial zone of these folds is commonly occupied by intrusive bodies.

7.1 Regional Geology

The rocks of the Chibougamau area are Archean in age and part of the Chibougamau-Mattagami Belt. Within the Chibougamau area, the Archean volcano-sedimentary assemblage has originally been divided into two groups (Allard et al, 1979), the Roy Group at the base, overlain by the Opemisca Group. Volcanic rocks predominate in the "Roy Group" and sedimentary rocks in the Opemisca Group. Locally an unconformity separating the two groups has been observed.

The "*ROY GROUP*"

It is comprised of two volcanic cycles which have been divided into four (4) formations. Cycle 1: includes the Obatogamau Formation (porphyritic mafic volcanics) capped by the Waconichi Formation (felsic volcanics). Cycle 2: includes the Gilman formation (mafic volcanics, minor felsic rocks) overlaid by the Blondeau Formation (largely felsic volcanics). The Bordeleau Formation overlies the Blondeau Formation. In the literature, two other formations have been described, the Chrissie formation, older than the Obatogamau and the Andy formation, immediately following the Obatogamau formation.

The Cummings group mafic intrusive rocks have intruded predominately the contact between the Gilman and the Blondeau volcanic formations. The volcanic formations have been folded about a large regional fold into which the Lac Doré complex and later the Lac Chibougamau tonalite-trondhjemite have been intruded. Regional metamorphism is green schist facies. The Opemisca sediments have been unconformable laid down on the volcanic units noted above.

The Opemisca Group comprises the Stella Formation at its base, composed essentially of clastic sedimentary rocks, and the Hauy Formation constituted of sedimentary and volcanic assemblages at its tops.

Stratigraphy of the ROY Group

OBATOGAMAU Fm (Cimon, 1977b)	Represented largely by pillowed basalts injected by abundant sills of co-magmatic gabbro. The porphyritic character of the lavas (large phenos of feldspar) distinguishes this formation. Flows are commonly 5 to 60 m in thickness and usually massive at the base, pillowed at the center and more brecciated at the top. Locally, felsic volcanic rocks of diverse origin, graphitic argillites and sulphide & carbonate facies exhalites are also described. The Obatogamau Formation is traced for at least 200 km west of Chibougamau and appears to be a typical example of "shield-type" volcanism.
WACONICHI Fm (Duquette, 1970)	Represents the end of the first volcanic cycle and includes rhyolites, felsic pyroclastites, several mafic flows and iron formations. This formation is present on the north flank and south flank of the Doré Lake Complex and elsewhere up to Chapais. This formation may simply be a series of lenses representing different volcanic centers. Within literature, the Waconichi formation has been divided into three members: Lemoine, Queylus and Scott members.
GILMAN Fm (Duquette, 1970)	Is a sequence of pillowed basalt, andesite and co-magmatic gabbro sills, as well as significant quantities of hyaloclastites and pyroclastites. Numerous flows show a massive inferior part followed by a pillowed section and the tops is usually represented by pillow breccia with a matrix composed of hyaloclastites. Locally mafic tuffs have been mapped between pillowed flows. Very rarely large phenos of feldspar are present at the base of some flows. Co-magmatic gabbro sills are abundant within the Gilman formation. They are usually massive and homogeneous, and locally within the thicker dykes or sills the "top" is richer in quartz. Within the central part of the Gilman formation, tuffaceous sediments, tuffs and locally andesitic breccia carrying pyrrhotite were observed at numerous occasions. The recent work by F. Leclerc (MRNF, Ministère des resources naturelles et de la faune du Québec) redefines the stratigraphy within the former Gilman Formation.
BLONDEAU Fm (Duquette, 1970)	Is a volcano-sedimentary assemblage including several rhyolitic flows, felsic tuffs, cherty tuffs, graphitic (black) argillites, greywackes and stratiform masses of iron sulfides.
BORDELEAU Fm (Caty, 1979)	Is comprised of tuffs and feldspar rich sedimentary rocks.
The SCORPIO Fm	Is composed of intermediate to felsic volcanic rocks.

The *"OPEMISCA GROUP"*

This group consists of an assemblage of sedimentary and volcanic rocks seemingly discordant on the predominantly volcanic rocks of the underlying Roy Group. This series includes conglomerates, greywackes, argillites, tuffs and porphyritic lavas. At its contact with the Doré Lake Complex, the Stella Formation displays a conglomerate containing 15% to 20% granophyre pebbles derived from the granophyric zone of the Complex. This suggests (Cimon, 1977a) the presence of an emergent dome coincident with the Chibougamau anticline within the Chibougamau pluton.

The Opemisca Group, in the Chibougamau area, comprises two formations, the Stella Formation at the base and the Hauy Formation at the top. Caty (1977) recognized only one formation in the group, the Chebistuan Formation, which was later recorded as equivalent of the Stella Formation.

West of Chapais (Picard, 1983) elevated the Opemisca Group to the level of Super group and the Stella and Hauy formation to the level of group, and introduced many new formations. The Stella Group contains the La Treve and Daubree Formations composed of conglomerate, sandstone, greywacke, siltstone and argillite. The Hauy Group includes five formations which correspond to the five facies of the Hauy Formation previously described. It is composed of porphyritic basalts, potassic andesites, sandstones and conglomerates (Charbonneau, Picard and Piche, 1984).

STELLA formation (Cimon, 1976)	Later upgraded to Group, is essentially composed of sedimentary rocks. It contains a basal conglomerate, various granitoid and volcanic pebble conglomerates, sandstones, argillites and a small amount of andesitic lavas. West of Chapais the Stella Group has been further divided into the La Treve and Daubree formations composed of conglomerate, sandstone, greywacke, siltstone and argillites.
HAUY formation (Cimon, 1976)	Later upgraded to Group, lies concordantly on the Stella formation and is composed of alternations of volcanic and sedimentary rocks. It is characterized by the presence of potassic andesite flows (up to 4% K2O) containing olivine, pyroxene and plagioclase phenocrysts. These flows are interbedded with tuffs, sandstones and some argillites as well as conglomerate lenses. These conglomerates contain a considerable portion of andesite pebbles identical to the underlying flows. West of Chapais, the Hauy Group has been subdivided into 5 formations comprising porphyritic basalts, potassic andesites, sandstone and conglomerates.

The "*LAC DORÉ COMPLEX*" *(LDC)*

At the contact between the Obatogamau formation and the Waconichi formation, the "Lac Doré Complex" (LDC) is present. This complex is a layered stratiform intrusion. It is comparable to other better known complexes such as the "Bushveld" in Africa, the Skaergaard in Scandinavia, and closer to Chibougamau, the Bell River Complex in Matagami. The Lac Doré Complex has been dated at 2.8 Ga.

The Lac Doré Complex (LDC) comprises four zones (Allard 1976):

The anorthositic zone	Is composed of anorthosite, gabbroic anorthosite, anorthositic gabbro and true gabbro. A maximum thickness of 3,000 m has been estimated by Allard in 1976.
The layered zone	Is composed of bands of ferro-pyroxenite, gabbro rich in iron oxides, magnetitites rich in titanium and vanadium alternating with anorthosite. The maximum thickness has been estimated at 900 m (Allard, 1976). The layered zone rocks pass gradually into anorthositic gabbro and anorthosite.
The granophyre zone (at the top)	Composed of soda-rich leuco-tonalite.
The border zone	Terminates the complex. It is in contact with the volcanic rocks of the Roy Group (Waconichi formation). This border zone is discontinuous and is composed of gabbro and anorthosite locally containing a considerable percentage of quartz.

The internal structure within the Lac Doré Complex is not well understood; it is not a simple layering process. Numerous "segments" of the layered zones have been identified. The Fe-V-Ti rich segments referred to as the "SE Flank" is the better known having received more exploration over the years. The "N – NE Flank" (2 zones) has also been detailed in the late

1970's along with the "NW Flank" (main zone + inferior zone) which received attention mainly in the late 1950's.

A more detailed description, taken from the published literature, of the "layered Zone" indicates a certain "gradation" within the different "occurrences" of the layered series. The two parallel zones to the north of Lac Chibougamau (N-NE Flank) are possibly one main zone folded. Certain symmetry has been recognized by the work of Allard in 1965. The section of the "altered zone" is comprised of ferro-dunite, ferro-peridotite and ferro-pyroxenite with locally abundant magnetite disseminated and concentrated within certain layers. One characteristic stands out for this zone of more ultramafic to mafic composition; it is the average low TiO2 content (about 1.00% TiO2). Certain studies mentioned the presence of Vanadium but the average grade is not known. The NW zone (NW Flank) is characterized by ferro-pyroxenite and ferro-gabbro. Magnetite grains are disseminated throughout the pyroxenite and the gabbro and locally form magnetite rich "beds" up to 30 cm thick. The content of V2O5 is elevated and the TiO2 is also significantly more elevated than the ferro-dunite & ferro-peridotite. Stratigraphically below this zone a narrow magnetite rich horizon referred to as the "inferior zone" has been identified (low TiO2 & V2O5 values unknown). The "SE Flank" layered zone of the Lac Doré Complex is fairly well documented for its deposits of Ferro-vanadium being developed by Black Rock Metals. This section of the layered series is characterized by ferro-pyroxenite, ferro-gabbro and magnetite horizons. These magnetite rich horizons are possibly the results of the "Grenville Front" effect (higher grade metamorphism).

This information may suggest that all of the different segments of the "layered zones" were once one continuous and complete series that started with ferro-dunite and terminated with ferro-gabbro. Certain layers of anorthositic gabbro are contemporaneous to the crystallization of the series. This series while still "plactic" was re-injected and "splitted "by new injection(s) of gabbroic anorthosite to anorthosite material. Cross cutting texture and plastic deformation are also evident.

The "*Cummings Complex"*

A series of mafic to ultramafic differentiated sills (Cummings Complex as defined by Duquette 1972; Allard et al, 1979) have been introduced at the contact between the Gilman Formation and the Blondeau Formation of the ROY GROUP. It comprises three (3) distinct sills genetically related, the Roberge Sill at the base and the Bourbeau Sill at the top.

Roberge Sill - Dunite - Peridotite - Pyroxenite	The *ROBERGE* sill is located along the contact between the Gilman and Blondeau Formations, and is composed of dunite, peridotite and pyroxenite. The thickness is about 600 m. McAdam Mining Corporation has blocked out several asbestos zones in this sill in Roy and McCorkill townships, north northeast of the city of Chibougamau. It is also said that olivine crystals have been transformed into serpentine and magnetite and pyroxenes were also altered (green chlorite).
Ventures Sill - Pyroxenite (green) - Pyroxenite (black) - Pyroxenite (green) - Gabbro (foliated) - Gabbro	The *VENTURES* sill is located above the Roberge sill and is separated from it by a relatively thin interval of Blondeau formation. It includes a pyroxenitic member at its base and a gabbroic member at its top. The latter hosts the copper-gold-silver deposits mined at Chapais. This sill attains a thickness of 1,100 m and has been folded and strongly fractured in Chapais.

Bourbeau Sill - Pyroxenite - Leucogabbro - Quartz Diorite	The *BOURBEAU* sill is present on top of the Ventures Sill and is separated from it by a thin veneer of felsic volcanics of the Blondeau formation. The Bourbeau sill is comprised of a pyroxenite at the base followed by leuco-gabbro and quartz rich ferro-gabbro at the top.

In Chapais, a more recent mafic dyke (Lac Springer) having a similar composition as the mafic volcanics present within the Opemisca Group has been mapped. This dyke cuts across and displaces folded Cummings Sills (Bourbeau Sill). It is characterized by large "phenos" of pyroxenes within a leuco gabbro with minor pyroxenite. Some of the mafic dykes cutting through the Chibougamau pluton could be associated to the Lac Springer dyke.

The *"Chibougamau Pluton"*

Many granitic masses outcrop in the region. The most important suite of sodic rock is the *CHIBOUGAMAU BATHOLITH*. Based essentially on petrology, different "phases" have been described by Racicot et al. (1984). The Chibougamau pluton is an elongated mass essentially concordant with the regional structure (folds). This mass is comprised of magmatic phases which were differentiated at depth and injected successively into one another. Their composition ranges from mela-diorite to trondhjemite. The pluton is also difficult to map, the differentiation between all the various phases being difficult to establish.

Most of the Chibougamau Pluton is Pre-tectonic, rare phases in the core and to the southwest are syn- to late-tectonic showing only minimal deuteric alteration and no metamorphic or tectonic foliation.

In general, the pluton is zoned, highly sodic and very low in K2O content.

The northern flank of the Chibougamau pluton is intrusive in the Anorthositic zone of the Lac Doré Complex. In most places, the rock is a dark green fine to medium grained melano-diorite, diorite, hornblende diorite, gradually becoming richer in quartz and biotite, going south, away from contacts.

The border is marked by an abundance of xenoliths of anorthosite – gabbroic anorthosite – anorthositic gabbro and by a network of veinlets of pale grey tonalitic rocks linked with the more felsic phases of the pluton.

The Chibougamau pluton shows a long list of terms applied to different phases of the pluton: granodiorite, quartz syenite, hornblende tonalite, hornblende mela-tonalite, etc.

A gradual coarsening of the grain size, decrease in quantity of hornblende and increase in quartz content marks the transition from the melano-diorite previously described.

In most localities, especially in the eastern part of the pluton, a pronounced foliation is readily visible at contacts.

One satellite intrusion of mela-tonalite, the "Grandroy pluton" is present at the NW corner of the Chibougamau pluton. A porphyry-type copper-gold deposit was discovered on mainland within the Grandroy pluton.

Finally within the Chibougamau mining camp the economic importance of multiple generations of dykes has been recognized by all workers in the district. The range in composition extends from the most mafic (Henderson 1 pyroxenite) to the quartz porphyry common throughout the area.

Unfortunately, their small size and the scale of mapping allow very few dykes to appear on published maps. No systematic evaluation has been completed on the dykes referred to as the "Mine Dykes".

The "Mine Dykes"

The "anorthosite zone" of the Lac Doré Complex is in contact with the Chibougamau pluton and is intruded by a large number of dykes varying in composition from granitic to gabbroic. Dykes vary from a few centimeters up to 30 m in width. They commonly show chilled margins against the host rocks. Some dykes show sharp contact with enclosing rocks, others show internal foliation parallel to the contact and others show sheared contact zones accompanied of stringers of quartz, carbonate, and / or sulfide. Dykes commonly contain xenoliths of the wall-rocks but very rarely show amygdules. Sub-parallel offshoots from the dyke have been noted in many mines. Dykes can be multiple and / or composite. Some of the dykes are completely sheared and very heavily altered.

Some of the major dykes:

- Line Island diabase dyke;
- Meta-diabase dyke;
- Lamprophyre dyke;
- Gabbro Island dyke;
- Henderson 1 meta-pyroxenite; and
- Volcanic dykes:
    - Quartz-feldspar porphyry;
    - Quartz porphyry;
    - Feldspar porphyry;
    - "Greenstone" (mela-diabase) dykes;
    - Older diorite dyke;
    - Grey dyke; and
    - Feldspar porphyry dykes.

7.2 Local Geology

The Lac Chibougamau Properties controlled by Globex through its subsidiary, CIM, in the Chibougamau Mining District, cover three distinct geological environments. The larger group of

claims surrounds the former Cu-Au producers forming the heart of the copper-gold production in Chibougamau and also includes numerous smaller former producers (Figure 14).

GROUP 1:
These mining properties are located within the layered phase of the Lac Doré Complex between the mafic volcanic rocks of the David Group to the NW and the tonalite – trondhjemite of the Chibougamau pluton to the SE. Most of the Cu-Au mining within the Chibougamau district is derived from this layered phase of the Lac Doré Complex.

This claim group includes the following deposits and mineralized occurrences:

- **Bateman Bay Mine** (Au, Cu) & Jaculet Extension;
- **Copper Cliff Extension** claims (Au-Cu);
- "**K" Zones** (Au, Cu);
- **Kokko Creek Mine** (Au-Cu);
- **Québec Chibougamau Goldfields Mine** (Au, Ag, Zn);
- **"S" Zones** (Au, Cu); and
- **"T" (Tommy/Yorcan) Zones** (Au-Cu).

GROUP 2:
This second group of claims adjacent to the north of Group 1, straddles the contact between the layered zone of the Lac Doré Complex to the south in contact with mafic + felsic volcanic rocks to the north. The Grandroy intrusive plug, a satellite intrusion of the Chibougamau pluton, also straddles this contact.

This claim group includes the following deposits and mineralized occurrences:

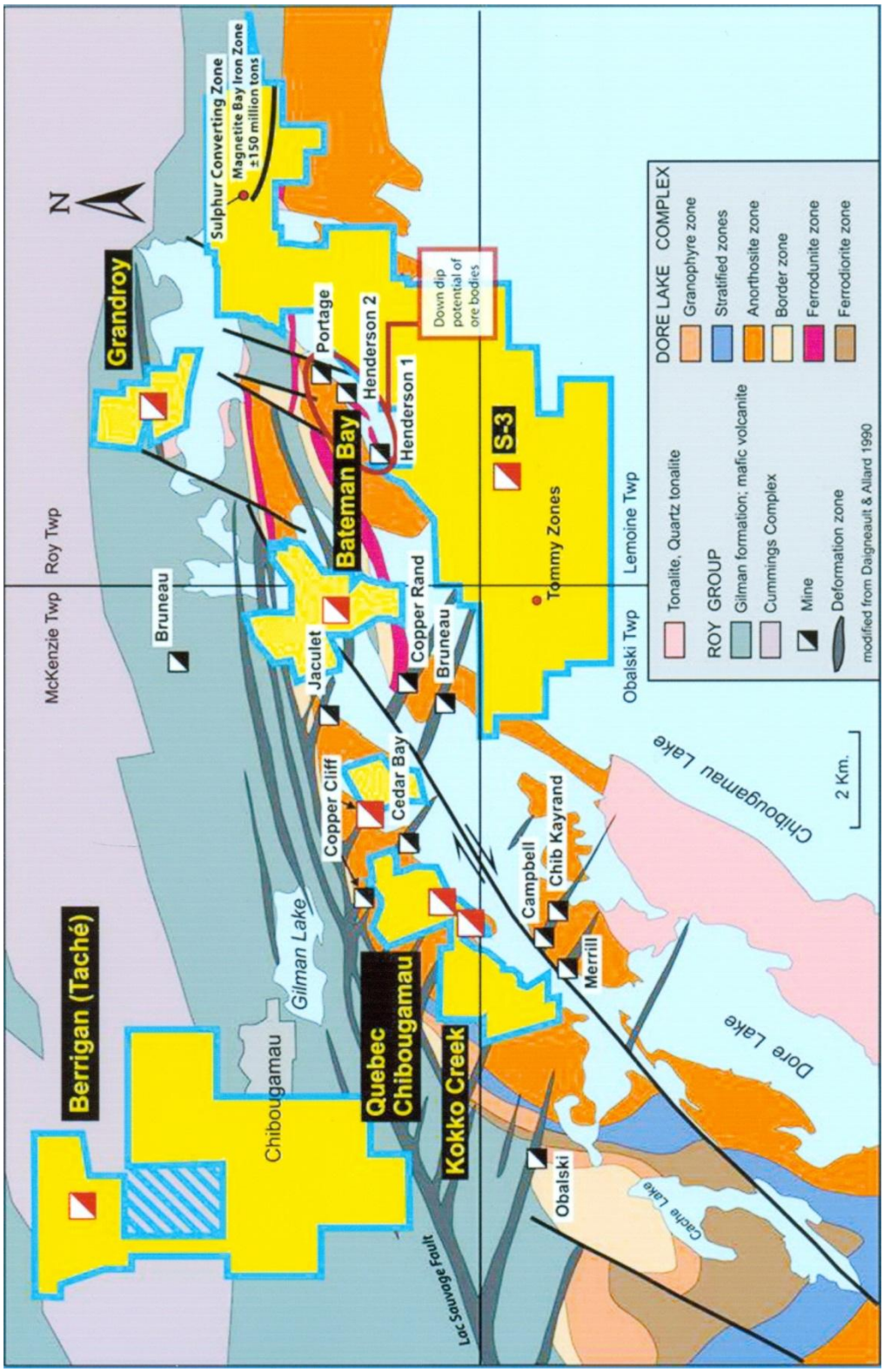
- **Grandroy Copper & Gold Mine** (Cu, Au, Ag, Mo);
- **Ile Marguerite** (Au);
- **Mont Sorcier** (Fe-Ti-V & Au); and
- **Sulphur Converting** (Cu-Zn).

GROUP 3:
This third group of mining claims is located further to the northwest within slightly younger stratigraphy than Group 2 and away from the Lac Doré Complex. Furthermore this mafic to felsic volcanic contact between the Bruneau Formation and the Blondeau formation is intruded by the "Cummings" mafic to ultramafic differentiated sills.

This group includes the following blocks of claims

- **Berrigan Lake Mine** (Taché) (Au, Ag, Zn); and
- **Berrigan South.**

Figure 14: Geology of the Lac Chibougamau Properties



7.3 Structures

Within the Chapais-Chibougamau Mining District, regional deformation (N-S compression) created large isoclinal folds commonly oriented E-W. A dominant regional E-W foliation is associated with these folds. An earlier deformation episode (E-W compression) created a series of north-south trending folds. The combination of these two deformation systems created structural interference patterns referred to as "domes and basins" in certain parts of the region.

The major regional structures in the area are (North to South):

- The Waconichi anticline;
- The Chibougamau syncline;
- The Chibougamau anticline;
- The Chapais syncline;
- The La Dauversiere anticline; and
- And the Druillettes syncline.

On the regional scale the Lac Doré Complex appears to be plunging to the north and the Chibougamau Pluton appears to be plunging south.

The structural history of the Chibougamau area is complex. The anorthosite is affected by numerous "tectonic corridors" through which hydrothermal solutions traveled and created conspicuous wallrock (sericite, chlorite, carbonate, and quartz). When present, mineralization of notable grade is hosted within these tectonic corridors and forms lenses of variable dimensions.

Five major fracture or shear systems are recognized in the region.

Post-Mineralization

The first and probably most recent set of fault/shear system is associated with the Grenville Front and is represented by a series of north-northeast breaks with senestral displacement. These NE-trending Grenvillian aged faults are dominant throughout the region. The Mistassini fault is one member of this structural set.

The second set of structures/faults shows significant apparent displacement and is represented by NE trending major regional faults such as the Gwillim, Lac Doré, McKenzie Narrows, Lac Taché and others). The Lac Doré Fault ("LDF") is the most important structure in the immediate area. It is NE-trending and dips 50° to 70° to the NW with an apparent horizontal strike-slip "dextral" displacement of approximately 1600 m. These NE structures truncate the SE trending mineralized "Mine Shears". The presence of large siderite rich bodies is reported along the LDF at the intersection of some of the NW-SE shears.

Pre Mineralization

The third set of structures/faults is oriented N-S and is particularly well developed in the volcanic rocks and the Cummings Complex, north of Chibougamau. Several deposits, such as Norbeau and Bruneau are associated with these faults.

The fourth set of structures includes a series of SE trending intense shear zones located close to the second set of faults underneath Lac Chibougamau and Lac Doré. These mineralized structures oriented at 110°- 120° on both sides of the LDF, have been referred to as "Mine Shears". They control a large portion of the area's deposits as typified by the Copper Rand, Copper Cliff, Jaculet, Bateman Bay, Kokko Creek, Québec Chibougamau and Merrill Island deposits. These metallotecs are usually injected by syn- to post- mineralization mafic dykes. Some of the mineralized structures are oriented at N-030° such as the Henderson – Portage structure which appears cut by these 110° "Mine Shears".

Based on geophysical interpretation the Grandroy "intrusive plug" appears to be cutting and displacing the Lac Doré Fault into the McKenzie Narrows Fault which also shows a 1.6 km apparent dextral horizontal displacement. Slightly older NE-trending faults observed at Henderson-Portage, are present in the area. This NE-trending system hosts some of the highest grade Cu/Au mineralization in the Chibougamau Camp. A third set of mineralized shear structures is present in the NE sector of the CIM land holdings. In Neptune Bay Cu-Au mineralization is present along a zone of shearing oriented at N-060°. The zone of shearing is also clearly cut and displaced (senestral apparent displacement of about 200 m) by later shears oriented at 110° (mine shears).

Finally the fifth set of major structures consists of a series of strike-slip faults mapped in the Chibougamau syncline, particularly along the contacts of the Roberge sill. In Levy, Scott and Hauy Townships, this system truncates the south limb of the Chapais syncline, putting south facing Opemisca Group rocks in contact with north-facing Roy Group units. The Kapu fault is a good example of this roughly East-West trending "trust" fault (?). This Kapu Fault trends SE and is displaced by both the Gwillim Fault and Lac Doré Fault. The Kapu Fault cuts the Lac Doré Complex to the south. Another similar older fault (the Lac Sauvage Fault) is present along the north contact of the Lac Doré Complex.

It is noted that the Ile Gabbro Dyke cuts the mineralization at the Corner Bay deposit with no significant vertical and/or horizontal displacement. North of Lac Chibougamau, this gabbro dyke is cut and dextrally displaced by the 110° shear. In conclusion, if all 110° "mine" shears are of the same "age" this would suggest the Corner Bay and the Henderson – Portage deposits are older than the mineralization present along the 110° mineralized shears.

Spatial relationships and observations would indicate that the N-030° mineralized structures in the Chibougamau Mining Camp are best and most frequently developed in the gabbroic anorthosite while the N-060° & N-110° mineralized trends extend into the surrounding volcanics.

7.4 Alteration

The majority of the area's deposits are hosted within NW-SE or NE-SW trending structural corridors. Rock formations adjacent to mineralization have been subjected to metasomatism. These shear zones are accompanied by carbonization, silicification and sulfides. Syn- to post-mineralization mafic dykes are also locally abundant.

A halo of intense hydrothermal alteration around some porphyritic intrusive phases has been located in Queylus Township. Cimon (1973) discovered evidence of porphyry copper style mineralization at the aforementioned location and subsequent work has shown that this type of mineralization is more widespread in Queylus and Obalski Townships than formerly recognized. The copper mineralization is associated with many phases of porphyritic intrusions (dykes and stocks) and is usually accompanied by tourmaline breccia pipes and very intense red potassic alteration.

7.5 Mineralization

The majority of the deposits in the mining district are located on the "north flank" of the Chibougamau anticline with the Cu-Au mineralization being largely hosted within various magmatic facies of the Lac Doré Complex. Mineralizations exploited in the Chibougamau Mining Camp can be classified into five principal types of deposits:

- Hydrothermal Cu-Au sulphide veins & Lode-Gold veins of mesothermal to epithermal character;
- Porphyry Cu-Au deposits;
- Volcanogenic massive sulphide (VHMS);
- Magmatic Fe-V-Ti within the layered zone of the Lac Doré Complex; and
- Magmatic Ni-Cr-Co (PGE) associated with mafic-ultramafic intrusions.

Sulphide veins and porphyry-style occurrences are the most common types of mineralization within the Chibougamau Mining Camp. The "sulphide veins" occur most commonly within the border phase of the Lac Doré Complex. These "sulphide veins" also appear to become more quartz rich in proximity to the contact with the Chibougamau Pluton. We observe that the amount of copper mineralization decreases and the gold content increases approaching the Chibougamau Pluton contact. The mineralization and deposits appear to grade progressively into more dominantly "lode-gold" vein type deposits. Some of the quartz veins are found to host gold-only mineralization, no copper being present.

The "porphyry-gold" style mineralization appears associated to late phase of the Chibougamau pluton and this type of mineralization is usually found within the Lac Doré Complex at the contact with the Chibougamau pluton.

Former producers adjacent to the Globex / CIM holdings are without exception, found within the more layered section of the Lac Doré complex. It also appears that the "anorthositic" phase of the complex could be intrusive into its earlier "layered" sequence, thus creating large "rafts" of layered peridotite to anorthositic gabbro within a sea of anorthosite.

The better grade Cu-Au mineralization within the "tectonic corridors" generally occurs as lenses of sulfides (10% to 30%) comprised largely of pyrite, chalcopyrite with some pyrrhotite (1% to 5%) along with traces of sphalerite and galena. The matrix of the ore is composed of chlorite (70% to 90%) with minor quartz and carbonate which could amount to 15% - 20% of the matrix. Significant gold mineralization has also been identified within mafic volcanics north of the main camp closely associated with quartz- and feldspar-phyric felsic intrusions and regional shears.

In regards to volcanogenic massive sulphide mineralization, the only producer within the Chibougamau mining camp is the former Lemoine mine, a small but exceptionally high grade base and precious metal VMS deposit.

Recently, with the higher price of iron, magnetite-rich deposits have become increasingly attractive as a potential source of iron. For this reason, the magnetite-rich layers within the Lac Doré Complex have been the source of increasing exploration in the Chibougamau Camp. Local concentrations of vanadium and titanium within certain magnetite-rich horizons of the Lac Doré Complex enhance the potential economic attractiveness of this type of mineralization.

7.5.1 Fe-V-Ti potential within the layered zone of the Lac Doré Complex

The Lac Doré Complex ("LDC") is a stratiform intrusive complex composed principally of meta-anorthosite with lesser amount of meta-gabbro to anorthositic gabbro. The anorthosite represents 70% to 90% by volume of the lithologies present within the LDC. The anorthosites are comprised largely of plagioclase phenocrysts, commonly altered. These feldspath phenocrysts surround a matrix of quartz, carbonate, sericite and chlorite. Recent field observations by the author suggest the presence of a primitive layered and differentiated sequence comprising the following magmatic facies (from stratigraphic base to top): ferro-dunite, ferro-peridotite, ferro pyroxenite, and ferro-gabbro with numerous inter-layers composed of gabbroic anorthosite still carrying minor magnetite. The large amount of anorthositic material appears to be intrusive into the original layered sequence. There may be some amount of iron enrichment within the layered zone as a function of proximity to the Grenville Front due to increased metamorphism and re-crystallization.

In the early 1970's Campbell Chibougamau Mine Ltd evaluated the potential for Fe – Ti mineralization in the Mont Sorcier area where the lower part (Ferro-Dunite, Ferro-Peridotite and Ferro-Pyroxenite) of the layered zone of the Lac Doré Complex is better exposed.

Campbell reports a non NI 43-101 compliant resource estimate of 270,000,000 tonnes grading 27.6% Fe and 1.1% TiO_2 from this ferrodunite – ferro pyroxenite of the Lac Doré Complex. A large part of this zone is present on the Lac Chibougamau Properties, the eastern extension being held by PacificOre Mining Corporation (formerly Apella Resources).

Table 4: Characteristics of Fe-V-Ti deposits in Chibougamau

Type of Deposit	Occurrence	Minerals	Metals	Alteration	Units	Structure
Mont Sorcier / Globex						
Magmatic	Layered + disseminated magnetite	Magnetite Ilmenite rutile	Fe, V, Ti	Talc Serpentine chlorite	Ferro -Dunite Ferro-Pyroxenite Ferro-Gabbro	Layering

7.5.2 Magmatic Cu-Ni mineralization

Early investigation (1958) and appraisal for the potential of magmatic Cu-Ni mineralization in a section of the layered zone of the LDC hosting 5% to 10% magnetite, on the south part of Ile Marguerite, was initiated following the recognition of nickeliferous pyrrhotite in a surface exploration drill hole (DDH M-09; GM-05206). Only geochemically anomalous concentrations of nickel were reported. No assaying was completed for PGE's. The potential for concentrating "talc" was also investigated.

Table 5: Characteristics of magmatic Cu-Ni mineralization

Type of Deposit	Occurrence	Minerals	Metals	Alteration	Units	Structure
Ile Marguerite-Sud/ Globex						
Magmatic	Layering Mafic Zones	Magnetite Ilmenite Pyrrhotite (Ni) Chalcopyrite Gold	Cu Au Ni Ti	Chlorite Serpentine	Ferro-Gabbro Anorthosite	Cu associated to shearing

7.5.3 Volcanogenic (exhalite-related) massive sulphide

The potential for volcanogenic massive sulphide ("VMS") in the Chibougamau area should not be overlooked. Favorable horizons for volcanogenic massive sulphide deposition (exhalite-related) are identified on certain portions of the Lac Chibougamau Properties where mafic-felsic volcanic assemblages are found.

In Chibougamau – Chapais, sedimentary horizons commonly occur as intercalations within the volcanic succession. These sedimentary layers are usually dominated by graphitic argillaceous material. These horizons represent quiescent periods in the volcanic sequence and thus may preserve geochemical records of contemporaneous hydrothermal activity, either by direct incorporation of sulphide phases or by incorporation of other hydrothermal plume material by chemical and detrital sedimentary processes. These argillaceous sediments are commonly highly sulphidic, some even containing narrow massive sulphide lenses which constitute intermittently conductive horizons that are frequently identified using geophysical methods during the course of base metal exploration. Sulphides are dominated by pyrite +/- pyrrhotite, with minor amounts of sphalerite, galena and chalcopyrite.

The Waconichi Formation hosts the former Lemoine Mine (720,000 tons mined from 1975 to 1983, averaging 4.5% Cu, 10.8% Zn, 4.73 g/t Au and 92.58 g/t Ag) located on the south limb of the Chibougamau Anticline as well as the Scott Lake VMS deposit (NI 43-101 compliant inferred Mineral Resource of 5.4 Mt @ 4.6% Zn, 1.2% Zn, 0.2 g/t Au and 43.0 gpt Ag (rpcan.com))

presently being drilled by Cogitore Resources Inc. (Cogitore.com) and which lies on the north limb of the Chibougamau Anticline, approximately 42 km WNW of the Lemoine deposit within a different member of the same stratigraphic formation.

The Lac Sauvage Iron Formation (Henry and Allard 1979) is a volcanogenic stratiform exhalite horizon which terminates the first volcanic cycle in the Waconichi Formation. It consists of a thin unit of felsic pyroclastics associated with sodic rhyolite lenses, some basalt flows and several gabbro sills. A description by Allard (1984) of the geology in an old trench in the Iron Formation makes reference (from the base to the top of the horizon) of: massive pyrite, pyrite with fragments of felsic pyroclastics, silica-rich layers, siderite-rich layers, basalt, basaltic tuffs, fragmental horizons and chert fragments, some with bedding features. A stratigraphic cross section of the Lac Sauvage Iron Formation shows an upper oxide facies, a carbonate facies and a lower sulphide facies. A few centimeters of bedded chert at the top are overlain by a basaltic flow. Bedded cherts are locally interlayered with chlorite-rich magnetite-bearing layers showing evidence of folding and development of two cleavages.

At Sulphur Converting, ferrodunite of the Lac Doré Complex is in contact with felsic volcanics of the Waconichi formation. At the main occurrence, a 60.0 m section of the Waconichi formation has been detailed and includes basalts, pyroclastics of intermediate to felsic composition, exhalite and also more locally rhyolite flows. Sulphide mineralization is concentrated along two parallel strongly chloritized pyroclastic horizons containing layers of semi-massive to massive sulphides. Basaltic flow material separates the mineralized horizons. The pyroclastics are overlain by a sequence of at least 400 m of mafic volcanics.

Recent work by SOQUEM (1995) along the “Sulphur Converting” horizon confirmed two separate exhalites horizons (chert + massive sulphide) within the stratigraphy of the “Waconichi” Formation. These two horizons of fragmentals have been referred to as the “lower” and the “upper” horizons and have been followed along strike for more than 1.0 km. The lower horizon varies from 7 to 18 m in thickness and is comprised of laminated felsic tuffs interbedded with semi-massive to massive sulphide. The mineralization consists predominantly of pyrrhotite and pyrite with minor sphalerite along with discordant fractures and veinlets carrying chalcopyrite. The upper horizon is 9.0 to 25 m in thickness and shows the same characteristics as the lower horizon but contains less sulphide. Mafic volcanics flows are present between the two horizons which are about 25 m apart. At the east end of the zone, one outcropping of rhyolite is reported to have a geochemical signature similar to the Lemoine rhyolite. The rhyolites intersected by drilling at Sulphur Converting also display a similar geochemical signature as to the Lemoine rhyolite. These two VMS horizons are capped by a sequence of basaltic flows which SOQUEM divided into 4 different facies: 1-) massif medium grained basalt with a pseudo diabasic texture; 2-) a sequence of flow breccia, hyaloclastite and locally spherulites are present; 3-) north facing pillowed basalt; 4-) basalt with locally abundant amygdules filled with quartz and minor pyrite-pyrrhotite.

Table 6: Characteristics of VMS deposits in Chibougamau

Type of Deposit	Occurrence	Minerals	Metals	Alteration	Units	Structure
Lemoine Mine / Cogitore						
Synvolcanic "Waconichi Fm"	Sulphides lenses	Chalcopyrite Sphalerite Pyrite Pyrrhotite Gold Silver	**Cu** **Zn** **Au** **Ag**	Silicification Chloritization Sericitization Carbonated	Graphitic Shale Rhyolite Felsic Tuffs Sericite Schists Basalt	Layering Synvolcanic Faults Rhyolite Dome
Lac Scott / Cogitore						
Synvolcanic "Waconichi Fm" Scott Member	Sulphides lenses Stringers Zones Remobilization	Chalcopyrite Sphalerite Pyrrhotite Pyrite	**Cu** **Zn** **Au** **Ag**	Chlorite Silica Sericite	Rhyolite Felsic Tuffs	
Sulphur Converting / Globex						
Synvolcanic "Waconichi Fm"	Sulphide lenses	Pyrite Chalcopyrite Pyrrhotite Sphalerite Molybdenite	Zn Cu Au Ag	Chlorite Silica Epidote	Fragmentals Waconichi	E-W

7.5.4 Porphyry-type deposits

The Grandroy copper deposit was discovered on the mainland within the Grandroy intrusion, about 30 m north of Portage Bay. Formerly known as the "Grandines" sulfide zone, it contained historical resources of 500,000 tons averaging 2.0% – 2.5% Cu and 1.00 g/t Au. The deposit occurs in a network of fractures within the meta-tonalite. Pink potassic alteration is common along mineralized veinlets.

In 1949 (GM 35085) Ingham described the mineralization as:

> "*The main zone is lenticular and has been trenched over a length of 100 m and an average width of 12 m. The mineralization consists of pyrite, chalcopyrite with minor molybdenite. The zone is cut by quartz veinlets and specularite veinlets. Mineralized lenses are present within NW striking corridor, nevertheless the mineralized veinlets are hosted by fractures oriented more E-W. Quartz veinlets, calcite veinlets and quartz-calcite veinlets carry "blebs" of chalcopyrite. The veinlets are usually 1 to 2 cm wide and separated by 4cm to 6 cm of slightly mineralized tonalite. Horizontal fractures are also mineralized when intersected by the EW fracture. Molybdenite is present on fractures usually perpendicular to the copper-rich fractures. The alteration is mainly potassic and chloritic. Magnetite and hematite are also present along fractures. The dominant orientation of the mineralized fractures is 020° and 135°.*"

The mineralization present on this property appears to be more of the "stockwork" type. The surrounding alteration is mainly carbonate. The host rock is sodic granite from the Chibougamau pluton. Typical mineralization is either massive stringers + veinlets along with

disseminations of chalcopyrite, gold, molybdenite, pyrite, magnetite and hematite. After consolidation of the sodic granite, a "breccia zone" was developed in a north-south direction, close to the north contact of the intrusion with the mafic volcanic rocks to the north. This contact is faulted.

The original zone defined in 1967 was limited to a corridor about 400 feet long, 20 feet to 60 feet wide oriented N-S and dipping approximately 65° to the East.

Campbell Chibougamau mined a portion of the deposit by open pit and has gone underground with a spiraling ramp. The stock work of mineralized fractures resembles many porphyry copper deposits but the tonnage is small and the grade higher than the average porphyry deposits.

Beside the dominant copper mineralization large sections of low gold values were also intersected in drilling along with minor molybdenite. Certain corridors within the volcanic rocks and also within the Grandroy intrusive plug, host gold mineralization along N-S fractures.

During the 1990's Pilote et al. completed a detailed re-evaluation of the geology, mineralization and alteration around the Ile Merrill deposits and also immediately north of the Lac Doré Fault around Lac Clark. Based on the work of Kirkham (1972) later confirmed by the work of Ford (1974 (GM 30763)), Pilote (1996) characterized the type of mineralization in the area as "porphyry-type". Principally around Lac Clark where outcrops are more plentiful, a good zonation has been established within a section of the Lac Doré Complex.

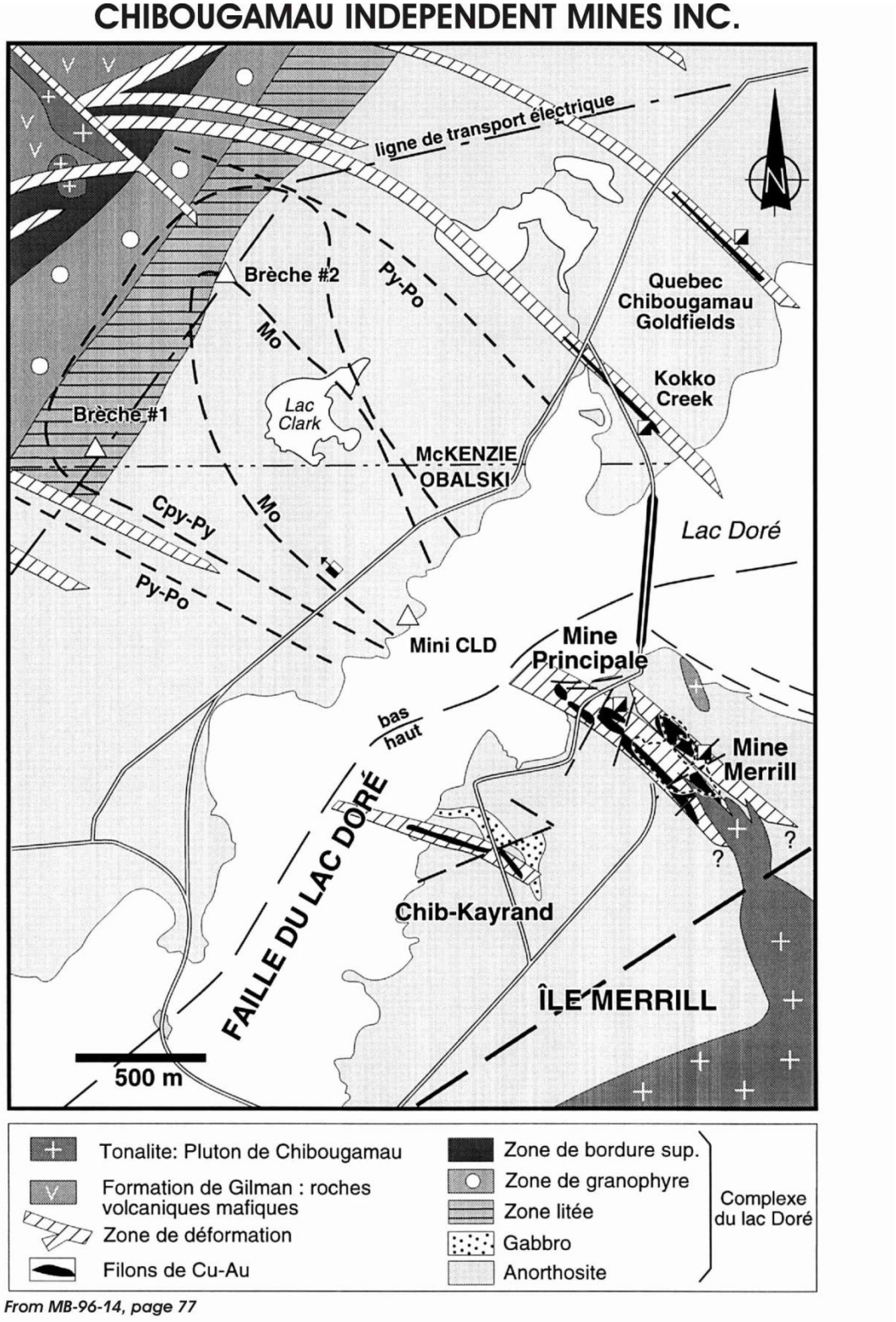
Kokko Creek & Lac Clark

At Kokko Creek, the mineralized zone occurs along a northwest trending, steeply dipping shear zone (110°) injected by a quartz- feldspar porphyry dyke. The mineralized zone has been traced over more than 600 m and locally reaches widths of 12.0 m. The sulphide minerals are chalcopyrite, pyrrhotite, pyrite and very minor sphalerite. Chloritization, silicification and carbonatization are the most common types of alteration.

The Lac Clark area is situated close to the former Kokko Creek and Québec Chibougamau mines, both properties now controlled by Globex/CIM. Pilote et al. (1996) mention that a short ramp called "project Mainland" has been completed in the early 1970 by Campbell Resources Ltd. just south of Clark Lake.

This old north trending exploration ramp, was recently identified along with numerous old trenches close to the southern boundaries of the claims. No Ministry assessment file information is available regarding this exploration ramp. This ramp would be located within the core of the better porphyry- style Cu-Ag-Mo mineralized system described by Pilote et al., in 1994 and centered over Lac Clark (Figure 15).

Figure 15: Simplified geology Lac Clark area and location of mainland “decline” into porphyry style mineralization



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Original surface trenches with better grade Zn-Cu-Ag-Au-Mo values over widths of 5.0 to 6.0 m were confirmed by subsequent drilling which intersected wide zones of disseminated copper and molybdenite mineralization referred to at the time, as "similar to porphyry copper deposits". This porphyry-style mineralization is hosted within the upper part of the Lac Doré Complex in the gabbroic anorthosite and granophyre. Abundant dyke of various compositions (mafic to felsic) and textures (aphyric to porphyritic) with variable amount of quartz are associated with this mineralization. The porphyritic dykes usually cut the aphyric dykes.

The mineralization is identified over a surface area of 1.5 square kilometers (Ford 1974) and consists of tension fractures with veinlets of quartz-pyrite, quartz-pyrite-chalcopyrite and quartz molybdenite. These veinlets are distributed around Lake Clark, the quartz-molybdenite veinlets occupying the center of the mineralized zone; the veinlets with quartz-pyrite +/- chalcopyrite are present within the intermediate zones with quartz-pyrite veinlets in the peripheral zones.

Table 7: Porphyry-type systems in Chibougamau

Type of Deposit	Occurrence	Minerals	Metals	Alteration	Units	Structure
Grandroy / Globex						
Porphyry	Stockwerk	Chalcopyrite Gold Molybdenite Pyrite Magnetite Hematite	Cu Au Mo	Carbonate	Granodiorite	North-South Dipping east
Kokko Creek / Globex						
Porphyry	Cu-Au Veins	Chalcopyrite Gold Silver Pyrite Pyrrhotite Sphalerite	**Cu** **Au**	Chlorite Carbonate Sericite Silica	Anorthosite Dykes	W-NW fractures Rare NE fractures
Merrill Mine						
	Copper Vein	Chlorite Sericite Quartz Chalcopyrite Pyrrhotite Pyrite	**Cu** **Au** Ag	Sericite Chlorite Carbonate	Anorthosite Gabbro Dykes	WNW
Chib-Kayrand						
	Copper Veins	Quartz Chalcopyrite Pyrite Sphalerite Galena Pyrrhotite	**Cu** Ag Pb Zn Mo Au	Chlorite Sericite Carbonate	Anorthosite	WNW
Corner Bay / C-Bay Resources						
Porphyry	Cu - Veins Breccia	Magnetite Chalcopyrite Pyrite Malachite Bornite Molybdenite	Cu, < Au – Ag +/- Mo, Zn, Ni,Co	Chloritization Silicification Carbonatization Sericitization	Anorthosite Anorthositic-Gabbro Diorite Dykes Dyke Ile Gabbro	Irregular Fractures Geological Contact One main vein
Devlin Deposit / Lakeshore Gold						
Porphyry	Cu - Veins Breccia	Magnetite Chalcopyrite Pyrite	Cu, <Au – Ag +/- Mo, W, Bi, As, Co, Sb	Chloritization Sericitization Hematization	Tonalite Breccia Dykes QP / QFP	Irregular Fractures

		Malachite Gold		Silicification Carbonatization (Tourmaline)		
R2 / Western Troy Capitals						
Porphyry	Cu – Veins Breccia	Chalcopyrite Pyrite				

Significant potassic alteration with an abundance of disseminated chalcopyrite with lesser pyrite, molybdenite, tourmaline and magnetite are described in the publication by Cimon (1974) entitled: "Archean porphyry-type intrusion" in Queylus and Obalski Townships. Cimon (1974) describes the presence of late satellitic diapiric and dyke like intrusive bodies of very felsic composition into porphyritic tonalite and diorite of the Chibougamau pluton.

Hydrothermal alteration, explosive brecciation and copper-molybdenum mineralization are closely related to the porphyritic intrusive. Two types of breccia can be observed, one is made up of sub-angular to sub-rounded fragments of pebble – cobble size in a matrix of finely crushed rocks. Most fragments are tonalitic in composition and a few have a felsic porphyry composition. Some fragments of magnetite and magnetite bearing meta-pyroxenite were reported by Cimon. They would be brought in from the Lac Doré Complex. Another type of breccia is a fragmented rock where the fragments are all of the same type and cemented by a fine mixture of black tourmaline, quartz, and rock particles.

7.5.5 Epigenetic Cu-Au sulphide veins

Most of the mined mineralized veins in the Chibougamau Mining Camp have been described as "mesothermal" vein type deposits (Pilote et al, 1996) except for the "Ile Merrill area" (including the Lac Clark area north of the Lac Doré Fault) which are classified as "Porphyry-type" (Cu-Au-Mo) deposits. Other deposits such as the Berrigan/Taché Mine are classified as "epithermal" in nature based on an inferred lower temperature of formation and greater distance from the heat in the case of epithermal deposits.

At Henderson – Portage, one of the major producers in Chibougamau, the mined ore zones are found to consist of a series of sulphide mineralized lenses developed along a main shear. Mineralization is characterized by disseminated chalcopyrite, also present as patches and stringers usually accompanied by bands of semi-massive to massive pyrite /pyrrhotite. The gangue minerals to the sulphide are most commonly sericite, quartz, ankerite and chlorite.

In a general sense, one can state that most of the Cu-Au mines are commonly directly associated to zones of semi-massive to massive sulphides (pyrite, pyrrhotite, and chalcopyrite) often developed at the contacts of felsic to intermediate dykes found within broader deformation zones characterized by chlorite-sericite quartz-carbonate schists, affecting the anorthosite of the Lac Doré Complex. These vertically very extensive shear zones, often referred to as the "mine shears", are usually oriented at 110° and have been cut and displaced by the Lac Doré Fault, showing an apparent horizontal dextral displacement of approximately 1.6 km. This regional structure (Lac Doré Fault) trends northeast and dips 50° to 70° to the

north-west. Mineralization has been affected by later senestral faults with limited horizontal displacement.

The deposits identified thus far over Lac Doré and Lac Chibougamau show some of the following characteristics:

Bateman Bay

The Bateman Bay property is located within the Archean differentiated ultramafic to mafic anorthositic complex of "Lac Doré". This anorthositic phase of the Lac Doré Complex hosts most of the Cu-Au mines within the Chibougamau mining district, mainly on the north flank of the Chibougamau anticline intruded by felsic intrusive of the Chibougamau batholith.

Numerous mineralized zones were intersected by drilling and underground working on the Bateman Bay property. Seven lenses are presently known including the, A1, A-2, main A-3, A-4, A-5, C-north Zone & C-south Zone. These steeply dipping zones display a common 110° strike direction and are characterized by intense sericite and chlorite alteration. The mineralization is concentrated in lenses locally narrow but with a good lateral and vertical continuity. At Bateman Bay, the gold mineralization is found associated to pyrite and minor chalcopyrite. Pyrite is disseminated and also occurs as stringers and concentrations ranging from 1.0% to 50% of the rock. Gold grades do not appear to correlate directly to the amount of pyrite. The copper (chalcopyrite) mineralization is relatively uniform while the gold values are more erratic.

Zone A-3 is currently the main mineralized lens at Bateman Bay. It is identified over a lateral distance of more than 600 m and to a depth of 300 m. This structure has been opened on four levels and some 25,000 tons of ore were mined from the structure (1.81% Cu, 1.71 g/t Au & 15.75 g/t Ag MRNF).

Zone C is located about 1.0 km NE of the "Zone A". It strikes 138° and dips 55° to 65° SW. It has been drill tested to a depth of 200 m and for a strike length of more than 1.0 km. The Zone "C" has two parallel branches which have been traced underground over hundreds of meters on different levels. The mineralization is represented by pyrite + chalcopyrite with some sections reporting grades of 1.66% Cu, 1.70 g/t Au over an average width of 3.5 m for a continuous length of 180 m have been reported. Historically the "Zone C" has been interpreted as the extension of "Zone 3" at Jaculet Mine. "Zone C" appears to improve in grade at depth relative to that of "Zone A".

Jaculet

At Jaculet, chalcopyrite and pyrite mineralization occurs within siderite-rich zones of the altered anorthosite. Mineralization is patchy and usually associated to sericite, chlorite and siderite. It is found as bands of disseminated chalcopyrite up to 15 cm in width striking E – W. Lenses are 25 to 35 m long and 6 to 14 m wide. Vertically, these sulphide bands extend for over 215 m. Lenses are generally surrounded by an aureole of magnetite bearing gabbro.

Québec Chibougamau

The Québec Chibougamau property lies on the north shore of Lac Doré between Kokko Creek and Cedar Bay Mine. Mineralization is characterized by the presence of numerous Cu-Au rich, commonly NW trending shear zones.

Sulphides consist of gold and silver bearing lenses with variable concentrations of chalcopyrite, sphalerite, pyrite and pyrrhotite. These lenses are developed within hydrothermally altered fractures containing chlorite, sericite and carbonate which cross-cut the anorthosite of the Lac Doré Complex.

These mineralized structures extend to the east where a limited amount of exploration has been completed. Some of the Induced Polarization (IP) anomalies tested by surface drilling returned siderite veins with low base and precious metal values. Other geophysical anomalies remain untested by drilling.

Duquette and Mathieu (1964) first described the property in the following terms:

"Three mineralized zones are known: the main or A zone, the B, and the H zones. All three are zones of schistose and silicified anorthosite within the main anorthosite mass. "A" zone … is a shear zone of schistose anorthosite measuring up to 30 m in width, striking N-285° to N-290° and dipping 60° SW. The anorthosite in the shear zone is silicified and chloritized and intruded by fine-to-medium-grained grey dykes measuring up to 3 m in width. Diamond drilling of this zone has outlined a mineralized shoot 107 m long and up to 15 m in width. The mineralization is associated especially with dike sections within the schistose anorthosite. It consists of pyrite, chalcopyrite, and a little pyrrhotite and sphalerite in a quartz chlorite gangue. This mineralized shoot in the A zone is estimated to contain, between surface and the 230 m level, 811,000 tons of mineral having an average tenor of 0.107 opt (3.67 gpt) gold, 0.85 opt (29.1 gpt) silver and 1.17% Cu. Mining started in early 1963 using a three (3) compartment shaft to a depth of 258 m with levels established at 60, 100, 200, and 245 m. In 1963, 51,243 tons of ore were extracted, grading 2.01% Cu and 0.083 opt (2.85 gpt) gold."

The Québec Chibougamau property also extends between the former producer Cedar Bay Mine and the Copper Cliff (Siderite Hill) deposit. The Cedar Bay Mine produced from 1958 to 1990, 3,782,850 tons grading 1.57% Cu and 3.12 g/t Au.

Zones "T", "S" and "K"

Three structural corridors referred to as the T, S and K Zones contain gold mineralization hosted in individual zones of shearing ranging in thickness from 1.0 to 30.0 m. These zones of shearing are usually parallel, closely spaced and showing good lateral and vertical continuity. These structures strike at N-135° and dip 75° to 80° SW. Some of the anorthosite hosted mafic dykes can also locally be found within the shear zones. These dykes are commonly thought to be syn to post mineral.

Mineralization at the T, S and K zones occurs as sulphide stringers and/or sulphides in veins of quartz/carbonate filled fractures and/or in zones of shearing within the anorthositic gabbro of the Lac Doré Complex. Mineralization is comprised largely of pyrrhotite, chalcopyrite, pyrite with lesser amount of sphalerite and rarely galena. Locally, gold is found associated with the sulphides.

Zone T-4 This mineralized zone is located under Lac Chibougamau and was outlined by early diamond drill holes T-160, T-161 (1957) and T-312 (1965). No assays were reported. In 1982, the drift which accesses the S-3 Mine intersected this structure but no details are available within the assessment work files. At surface the T-4 structure corresponds to geophysical anomalies (MaxMin and I.P.) trending 100° to 130°.

Zone T-6 This structure is defined by ddh T-317 and T-320 along with geophysical (I.P.) anomalies. Other drill holes tested the structure with no significant assays (T-3, T-4, T-6, T-7, T-8, T-84-4 & 1119-94-10).

Zone T-8 Zone T-8 is comprised of a series of shear zones corresponding to the "Foot Wall Shear". In 1982 a MaxMin survey permitted to localize this anomaly. A total of 12 ddh totaling 12,483 linear feet tested this anomaly from 1956 to 1984. The anomaly has been tested laterally for 1,200 feet and to a vertical depth of 860 feet. Resources were estimated by Campbell Chibougamau in the mid 1980's. Mineralization is present as veins and/or stringers of semi-massive to massive sulphide. Sulphides are represented by pyrrhotite, chalcopyrite and locally sphalerite. Gold has been observed in drilling. Shears thicknesses vary from 30 cm to 25 m; they trend at 120° to 130° and dip at 75° to 80° SW. A series of dykes (feldspar porphyry, quartz feldspar porphyry and some minor grey dyke are present parallel to shearing.

Zone T-9 This anomaly is located on the extension of the "Kerr Addison Shear" and has first been located in 1966 by a geophysical survey (I.P.). Zone T-9 is defined by ddh T-318 which intersected a core length of 12.7' grading 2.31% Cu and 0.005 opt. Au. DDH T-319 intersected a core length (parallel to zone?) of 144.0' grading 2.74% Cu and 0.025 opt. Au. Limited tonnage of copper ore was estimated by Metallgesellschaft in 1970. The mineralization is characterized by injections of sub-vertical quartz veins and veinlets within"Quartz – Feldspar Porphyry". The quartz-carbonate veins are mineralized principally by chalcopyrite with lesser amounts of sphalerite and pyrrhotite.

Zone T-10 This zone extends into the Chibougamau Pluton and corresponds to the "Yorcan Shear". About 5% to 20% dykes are present. Dykes range from: feldspar porphyries, grey dykes, and quartz-feldspar porphyry dykes. Dykes are usually massive, fine grained but locally slightly sheared. The zone has been tested by drilling (33,473 linear feet in 40 ddh) over a distance of about 1,800 feet and to a

vertical depth of 2,040 feet. SOQUEM completed an additional 5 holes during the winter of 1994 on the SE extension of this anomaly. A resource estimate has been completed by Campbell Chibougamau in the mid 1980's on this zone. The mineralization consists of stringers and/or veins of sulphide – quartz – carbonate present within fractured and sheared zones. Sulphides are pyrrhotite, chalcopyrite, pyrite and traces of sphalerite – galena. Gold is usually found associated to chalcopyrite.

Zone T-11 is also located on the extension of the "Kerr Addison Shear"and has been located by geophysical surveys. Surface diamond drill hole T-356 probing this anomaly intersected a mineralized zone rich in pyrrhotite grading 0.250 opt Au and 0.21% Cu over 9.0'. The mineralization is present within highly altered anorthosite (chlorite – sericite). Dykes are abundant principally within the altered sections of the anorthosite. Mineralized zones are injected by quartz – carbonate veins and veinlets with traces of chalcopyrite.

The partly mined S-3 Zone and undeveloped Tommy Zones are covered by a large claim group forming a continuous prospective exploration package 10.8 km long by 3.6 km wide over Lac Chibougamau. The entire land package is geologically located within the Lac Doré Complex.

Numerous sub-parallel NW trending, steeply SW dipping corridors of deformation are defined within the LDC as identified by surface drilling and geophysical surveys. These shear zones vary in width from a few meters to more than 35 m. Felsic and mafic dykes are also present within the shears and show close spatial association to the mineralization: a feature common to all of the mines in the Lac Doré sector.

The mineralization is represented by fractures and shears injected by quartz-carbonate veins and stringers mineralized with chalcopyrite, minor sphalerite and anomalous amounts of gold, cobalt, nickel, and silver.

The S-3 deposit was partly mined from the Henderson # 1 shaft (through a 2.5 km drift) producing 420,943 tonnes grading 3.91 g/t Au and 0.4% Cu during the period of 1985 to 1989. After the closure of the mine, numerous surface drill holes in the area surrounding the S-3 deposit intersected gold mineralization , such as hole 1119-95-01 which returned 28.0 g/t Au over 0.5 m and 86.7 g/t Au over 1.1 m., confirming the potential of finding additional high grade gold mineralization in this setting.

As for the K-Zones, the Cu-Au mineralization is located within intensely sheared and altered anorthosites. The alteration is typified by chlorite, sericite and silicification. The mineralization occurs as sulfide rich quartz stringers within the shear zones. Sulfides are predominately pyrite, pyrrhotite and chalcopyrite and make up to 50% of the veins. Mineralization is generally gold rich. This style of mineralization contrasts with the mineralization at the Henderson Mine which is chalcopyrite rich and generally more gold poor.

A number of historic geophysical anomalies in this area have been designated; K1, K1 south, K2, K3, K4 and K5. The zones respond to well defined coincident electromagnetic conductors and induced polarization (I.P.) anomalies.

Zones K-1, K-1 south and K5 parallel the main structures at the Henderson-Portage Island Mine trending N-045°. Zones K-2, K-3 and K-4 trend at N-110° a similar orientation as most of the T Zones.

K-1 The K1 anomalies are parallel to the Henderson structure (trending at N-045°) and are defined by 2 VLF conductors about 1,500 m long. SOQUEM's I.P. survey (1996) has extended the anomalies an additional 500m. The best drill intersection was derived from drill hole T-227 which returned 10.9% copper over 0.3 m. SOQUEM's drilling identified an additional new structure designated as K-1 South. Drilling revealed it to be a deformation zone containing narrow auriferous quartz-carbonate veins with best assays returning:

Drill hole 1119-96-06	4.6 g/t gold/0.85 m
Drill hole 1119-96-08	9.27 g/t gold/0.55m

K-2 Drilling on K2 suggests it is a continuation of a pyrite mineralization occurring near the contact of the Chibougamau pluton and the Lac Doré Complex. The geophysical expression is outlined by a VLF conductor about 250 m in length not associated to any IP anomaly. SOQUEM (1996) drilled hole 1119-96-07 to follow up on Camchib's hole K-84-8 and intersected 1.67 g/t gold and 0.05% Cu/0.6 m.

K-3 This structure coincides with an IP anomaly at the NW corner of Ile Marguerite. The structure occurs at the contact between the Chibougamau Pluton and an altered anorthosite of the LDC in which drill hole 1119-96-05 intersected quartz-carbonate stringers grading 0.03 g/t Au and 0.57% Cu/0.4 m.

Ile Marguerite

A gold mineralized zone oriented subparallel to the Henderson-Portage main structure (N-030°) was intersected by SOQUEM with a single drill hole (ddh # 1119-94-13; GM-53360), located on the eastern part of Marguerite island. A shear zone injected by 70% quartz veining, trace chalcopyrite, 1 – 5% pyrite and some tourmaline, is present within an altered tonalite of the Chibougamau batholith. Pyrite is also found disseminated within the tonalite outside the shear zone and is more concentrated (up to 20%) within black chlorite filaments within quartz-calcite veins. Narrow gold intercepts of 3.88 g/t Au over 0.7 m & 1.59 g/t Au over 3.2 m are reported.

Underlying the southern part of Ile Marguerite is a portion of a "layered magnetite zone" of the Lac Doré Complex. The east trending mineralization is reported to consist of magnetite (5%), ilmenite (titanium), pyrrhotite (pentlandite), chalcopyrite and anomalous gold. It is postulated that where the previously mentioned Ile Marguerite NE trending auriferous shear structure on the east side of the island would intersect the projected extension of the East trending magnetite rich structure, a favorable situation might be created for the development of important gold mineralization analogous to the epigenetic gold mineralization associated with strongly tectonized Archean iron formation.

An exploration shaft, located at 560572 E – 5527121 N in the central part of the island was originally constructed in the late 1990's with a projected planned depth of 460 m to explore the vertical depth extension of the Henderson-Portage mineralization. However the shaft was never commissioned.

Copper Cliff extension

The claim block recently acquired by Globex lies immediately adjacent to the east of the Copper Cliff shaft and covers part of the underground workings over the eastern portion of the mined zone.

The mineralized corridor strikes N-110° with a steep dip (80°) to the south. Two (2) distinct shear zones have been identified:

Zone 1 (North) up to 130 m wide

Zone 2 (South) up to 100 m wide

Other parallel zones have also been identified:

Siderite North Zone is located 400 m north of the shaft. This zone has been mined between levels -122 m and level -205 m, where it is closely associated to Zone 1. At this location, anorthositic gabbro of the Lac Doré Complex is in contact with the Lac Sauvage iron formation.

Zone "Siderite South" or 6-16-10, is located 275 m to the south of the main shaft and was identified on level -205 m. It is associated to Zone 2.

Zone 12-21-36 is located at level -388 m, some 600 m to the south of the main shaft. This zone is also related to Zone 2. The mineralization encountered at Copper Cliff is represented by Au-Ag-Cu-Zn-Fe. Two (2) different styles of mineralization have been identified at Copper Cliff:

Type 1: sulphide rich veins highly foliated, carrying the bulk of the mineralization (chalcopyrite, pyrite, magnetite, pyrrhotite, sphalerite and arsenopyrite). These veins form lenses up to 100 m long and up to 5.0 m thick. Chalcopyrite systematically cements fractures within pyrite.

Type 2: horizontal extension fractures cross-cutting main foliation. These lenses are quite limited in length (20 m) and in thickness (1 cm to 50 cm).

At Copper Cliff, as with most of the other Cu-Au mines in the Lac Doré Complex, the higher grade mineralization is spatially associated with mafic dykes referred to as "Mines Dykes". These dykes are localized within the deformation corridors and are interpreted as contemporary to mineralization.

- Grey Dyke: grey color and fine grained
- Mafic Dyke: dark green color, usually rich in chlorite.

Mineralization has also been affected by later senestral faults with limited horizontal displacement.

Table 8: Characteristics of "mesothermal"-type deposits in Chibougamau

Name of Deposit	Occurrence	Minerals	Metals	Alteration	Units	Structure
Copper Veins , fractures N-030°						
Portage						
	Copper Porphyry	Chalcopyrite Pyrite Chlorite Arsenopyrite Quartz Sphalerite	**Au** **Cu** Ag	Carbonate Sericite Chlorite	Anorthosite Dyke NW fractures	NE NW
	Auriferous Veins	Chlorite Chalcopyrite Carbonate Pyrite Quartz	**Au** **Cu** Ag	Chlorite Carbonate	Gabbro Roy Group	E-W
Henderson 1						
	Copper Veins	Pyrite Pyrrhotite Quartz Chalcopyrite Carbonate	**Cu** **Au**	Sericite	Anorthosite	NE
Henderson 2						
	Copper Veins	Sphalerite Arsenopyrite Pyrite Pentlandite Chalcopyrite Pyrrhotite	**Cu** **Au** Ag As Ni	Carbonate Chlorite Sericite	Anorthosite	NE NW
Copper – Gold Veins, Fractures NW-SE (SE of Lac Doré Fault)						
Copper Rand / C-Bay Resources						
	Copper Porphyry	Magnetite Chalcosite Malachite Chalcopyrite Pyrite Pyrrhotite	**Cu** **Au** **Ag**	Chlorite Carbonate Silica	Anorthosite	WNW
Lac Doré						
	Copper Veins	Feldspar Sphalerite Pyrite Chalcopyrite Quartz Chlorite	**Au** **Cu** Ag	Chlorite Sericite	Anorthosite	NW
Copper – Gold Veins, Fractures NW-SE (NW of Lac Doré Fault)						
Bateman Bay / Globex						
	Au-Cu Veins	Chalcopyrite Gold	**Au** **Cu**	Chlorite Sericite	Anorthosite **(dykes)**	W-NW fractures

		Silver Pyrrhotite Pyrite	Ag	Carbonate		
Jaculet						
	Copper veins	Chlorite Pyrite Sericite Chloritoid Quartz Chalcopyrite	**Cu** **Au** Ag	Chlorite Sericite Carbonate	Gabbro Anorthosite	WNW
Cedar Bay						
	Copper Veins	Arsenopyrite Chalcopyrite Pyrite Sphalerite Pyrite Pyrrhotite	**Cu** **Au** Ag Zn Co As	Chlorite Sericite Carbonate	Anorthosite	WNW NE
Copper Cliff Siderose						
	Copper Veins	Chalcopyrite Sericite Quartz Chlorite Chloritoid Siderite	**Cu** Zn Ag Au	Sericite Chlorite	Gabbro	WNW
Copper Cliff						
	Copper Veins	Siderite Chalcopyrite Quartz Chlorite Sericite Chloritoid	**Cu** **Au** Ag	Chlorite sericite	Gabbro	WNW
Québec Chibougamau Goldfields						
	Copper Veins	Chlorite Sericite Chalcopyrite Pyrite Pyrrhotite Carbonate	**Au** **Ag** **Cu**	Chlorite Sericite Carbonate Silica	Anorthosite	WNW
Gold-Copper Veins, Fractures NW-SE (Contact with Chibougamau Pluton)						
Zones T (Tommy / Yorcan) / Globex						
T-4	Cu-Au Veins	Chalcopyrite Quartz Carbonate Pyrite	**Cu** **Au**	Sericite Carbonate	Anorthosite	100°-130° fractures and shears
T-6	Cu-Veins	Chalcopyrite	**Cu**		Anorthosite	100°-130° fractures and shears
T-8	Au-Veins	Pyrrhotite Chalcopyrite Sphalerite Gold	**Au**		QFP dykes FP dykes Grey dykes Anorthosite	120°-130° shears
T-9	Cu-Veins	Chalcopyrite Quartz Carbonate Sphalerite pyrrhotite	**Cu**		Quartz veins Within QFP	120°-130° shears
T-10	Cu-Au Veins	Carbonate Pyrite Chalcopyrite Quartz Pyrrhotite Sphalerite	**Cu** **Au** Ag	Chlorite Sericite	Anorthosite Porphyry Dykes	100°-130° fractures and shears
T-11	Au-Cu Veins	Pyrrhotite		Chlorite Sericite	Anorthosite Dykes	
Zones S / Globex						

S-3	Cu-Au Veins	Chalcopyrite Sphalerite Quartz Chlorite	**Cu** **Au** **Ag**	Carbonate Chlorite Sericite	Anorthosite	W-NW fractures and shears
Zones K / Globex						
K-3	Au Veins	Quartz Carbonate Pyrite Chalcopyrite Pyrrhotite	**Cu** **Au**	Chlorite	Anorthosite	
K-1	Cu Veins	Quartz Calcite Pyrite Chalcopyrite Tourmaline Sphalerite	**Cu** Ag Au Zn	Chlorite	Anorthosite	

The importance of dykes as “ore control” in the Lac Doré area has been recognized by most mine geologists. With few exceptions ore deposits in the Lac Doré area are characterized by the presence of a shear zone alongside a swarm of dykes (Allard). The Henderson-Portage deposits seems to be an exception to this rule, since no definitive dyke system was identified parallel to either the “A” or “C” zones at Henderson.

8-) Deposit Type

There are several types of Archean lode gold deposits within the Superior Province, but these are dominated by epigenetic and structurally-controlled mesothermal deposits. Other types of deposits include disseminated and stockwork porphyry-related deposits, with or without vein overprints, sulphide-rich breccia and replacement deposits, gold-rich VMS deposits and gold-rich pyrite exhalites. Chibougamau deposits are no exception to this rule.

Typically Archean gold deposits occur at, or near fault zones marking boundaries between litholigically contrasting domains within greenstone belts or along their margins. In the Abitibi greenstone belt, the majority of the large Archean gold deposits occur in high order splay faults in close proximity to regional faults, suggesting the close genetic correlation to the timing of the structures. This appears to be due to the mineralized veins or disseminations requiring highly permeable channel ways to transport the volume of gold-bearing hydrothermal fluid needed to provide the amount of gold found in these deposits. In the Abitibi, gold is most often found in mafic meta-volcanics and late tectonic stage intrusions. The timing of epigenetic gold mineralization is relatively late. In addition, there is a close spatial and temporal association with porphyry and alkali intrusions which both pre- and post-date the dominant tectonic event. In the Abitibi, the termination of gold mineralization is considered to be pre- to peak-metamorphic.
Epithermal gold deposits form during the infiltration of hydrothermal fluids derived, depending on one’s metallogenic model, from a number of possible sources including magmatic and/or metamorphic and/or meteoritic systems. These systems transport “metals” which are channeled and deposited along pre-existing structures and fractures.

Porphyry deposits are the world's most important source of Cu and Mo, and are major sources of Au, Ag, and Sn (Sinclair 2007). Porphyry deposits are large, low- to –medium grade deposits in which primary ore minerals are dominantly structurally controlled and which are spatially and genetically related to felsic to intermediate porphyritic intrusions. They are characterized by stockworks, veins, veins sets, fractures, and breccias. Sinclair (2007) distinguishes between 3 main types of "porphyry deposits";

- Porphyry Cu: grades in copper ranges from 0.2% to more than 1.0%
- Porphyry Mo: Mo grades range from 0.07% to nearly 0.3%
- Porphyry Au & Cu-Au: Au grades range from 0.2 to 2.00 g/t Au

Sinclair also subdivided porphyry deposits into "subtypes" as follow:

- **Cu** (+/-Au, Mo, Ag, Re, PGE);
- **Cu – Au** (+/-Ag, PGE);
- **Au (**+/-Ag, Cu, Mo);
- **Mo** (+/-W, Sn);
- **W – Mo** (+/-Bi, Sn);
- **Sn** (+/-W, Mo, Ag, Bi, Cu, Zn, In);
- **Sn – Ag** (+/-W, Cu, Zn, Mo, Bi); and
- **Ag** (+/-Au, Zn, Pb).

Associated igneous rocks vary in composition from diorite-granodiorite to high-silica granite; they are typically porphyric epizonal to mesozonal intrusions, commonly subvolcanic. A close temporal and genetic relationship between magmatic activity and hydrothermal mineralization in porphyry deposits is indicated by the presence of inter-mineral intrusions and breccias that were introduced between or during periods of mineralization. Porphyry deposits range in age from Archean to Recent, although most economic deposits are Jurassic or younger.

Within the Chibougamau mining camp, the "Troilus deposit" represents a good example of porphyry-style mineralization of Archean age. The mineralization described and partly mined at Grandroy certainly corresponds to "porphyry – style" copper – gold mineralization. The MC-Gold deposit just north of the Berrigan project also fits the porphyry models. The Pb, Zn, Au, Ag veins at Berrigan could be peripheral to the "porphyry" intrusion (Figure 16).

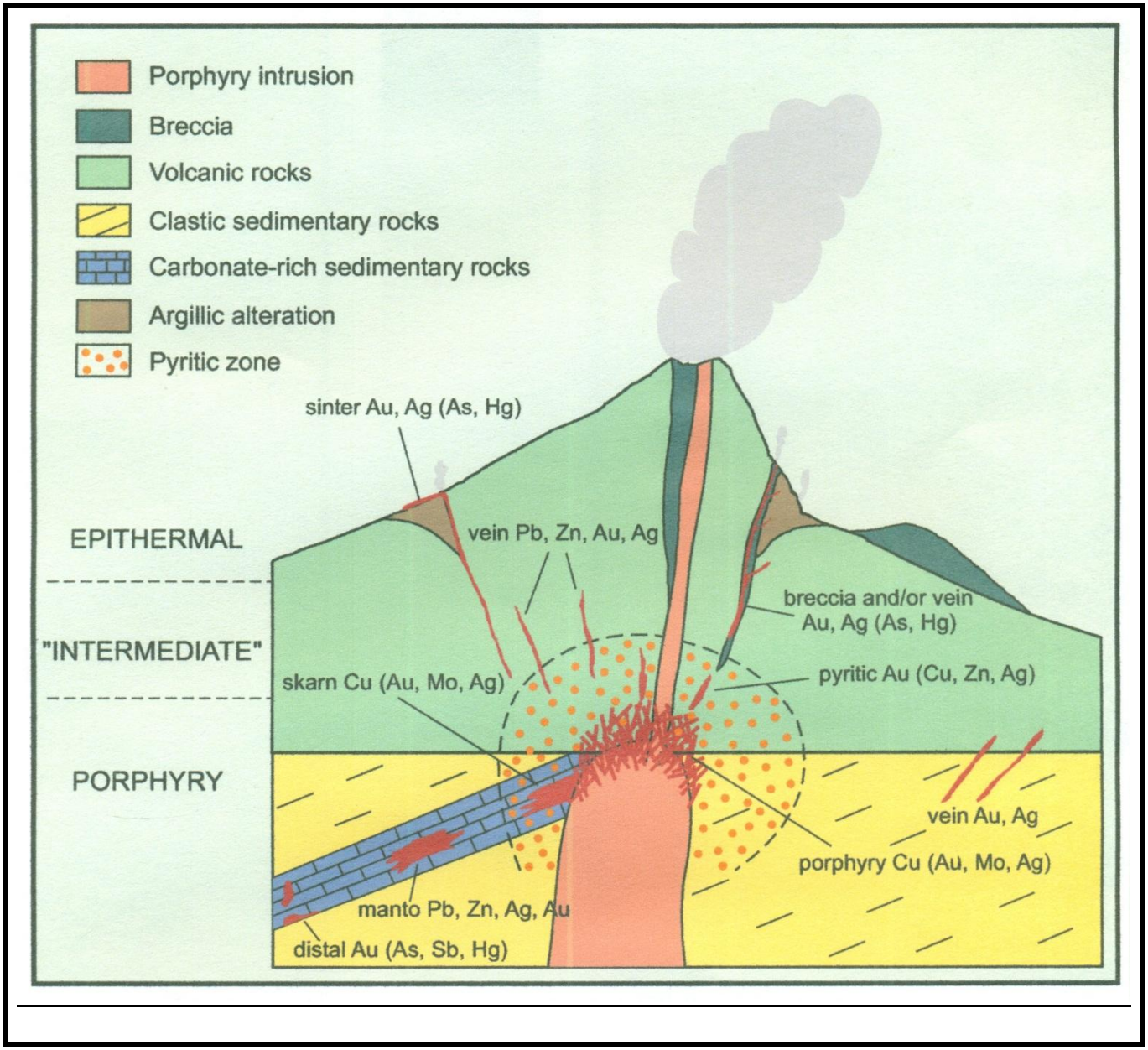


Figure 16: Schematic diagram of a "porphyry Cu" system in the root zone of an andesitic stratovolcano showing mineral zonation and possible relationship to skarn, mesothermal (intermediate) precious-metals and base metal vein and replacement, and epithermal precious-metals deposits (Kirkham and Sinclair 1995)

9-) Exploration

Initially, limited surface exploration has been conducted by Globex or CIM on the Lac Chibougamau Properties since their acquisition.

Selective geophysical surveys including an airborne magnetic/electromagnetic survey over the Bateman Bay and Grandroy Properties and in early 2012 specifically targeted sectors in the vicinity of known Cu-Au mineralized zones including the Bateman, S2/S3, Tommy and K Zones were tested with a new system of "deep penetrating" Induced Polarization (IP) in conjunction with conventional IP, ground electromagnetic Max-Min and complimentary ground magnetics, to provide comparative data in assessing the value and effectiveness of this new exploration tool in the Chibougamau Camp as Globex/CIM initiate their systematic evaluation of the large land holding.

10-) Drilling

No drilling has yet been completed by Globex or CIM on the Lac Chibougamau Properties. The most recent but limited historic drilling was completed during the period of 1992 to 2000 by SOQUEM on the S-, T-, K-Zones, Grandroy Mine and the "Sulphur Converting" occurrences. Another limited surface drilling program has been conducted on the Bateman Bay property in 1992 by Robex Resources.

Bateman Bay

A summary survey of the drill logs from drilling completed during the winter of 1992 indicates that some gold values have been intersected outside the copper zones with no systematic sampling.

Hole #	From (feet)	to (feet)	core length (feet)	Au ppb	Ag ppm	Cu%
92-200	152.0	154.0	2.0	1798	2.0	0.065
	284.0	286.5	2.5	3620	2.0	0.036
main zone	772.0	775.0	3.0	4899	53.1	3.057
92-201	286.5	291.5	5.0	1143	0.7	0.09
	422.0	424.0	2.0	1017	3.9	0.52
	619.0	622.0	3.0	1790	3.1	0.26
92-202	53.5	55.0	1.5	1172	1.2	0.06
	55.0	56.5	1.5	3511	2.8	0.29
main zone	579.0	581.5	2.5	2883	58.2	5.11
	723.0	726.0	3.0	1486	1.8	0.18
92-203	811.0	815.0	4.0	1137	6.9	1.03
	815.0	817.0	2.0	2961	16.9	3.84
main zone	817.0	819.5	2.5	2044	5.8	1.09
	819.5	822.0	2.5	435	6.6	1.83
	822.0	824.5	2.5	2089	15.4	3.96
92-204	677.0	679.5	2.5	563	2.4	0.54
	679.5	682.0	2.5	4878	12.1	1.46
main zone	682.0	684.5	2.5	2301	2.7	0.40
	684.5	687.0	2.5	7016	27	0.28
92-205	717.0	719.5	2.5	203	3.7	0.67
	719.5	722.0	2.5	656	5.3	0.92
92-206	1054.0	1056.0	2.0	22630	27.6	5.77
92-207						
92-208						

Note: The true thickness of the mineralized zone is not known.

This property and adjacent claims to the west (Jaculet Mine) represent a significant target for gold exploration. The grade estimated within the previous historical resources is 4.4 g/t Au (0.13 opt Au) and silver values are present.

The Tommy or T Zones

Some of the drill holes on the T-Zones returned the following intersections:

DDH #	Cu%	Au g/t	Ag g/t	Core length
T-319	4.89	1.71		20.0 m
T-912	2.74	0.86		43.9 m
T-29	1.22	0.78	8.50	20.0 m
94-09		12.44		3.7 m

Note: The true thickness of the mineralized zone is not known.

The more significant results of drilling in 1984 follow:

Hole No	Length (feet)	Gold oz/ton	Copper (%)	Target
K-84-1	3.3	0.05	0.17	K-4
K-84-2	2.6	0.13	0.034	K-1
K-84-3	----	-----	----	K-3
K-84-4	3.5	0.022	1.55	K-8
K-84-5	-----	-----	------	K-3
K-84-6	1.5	0.55	------	K-2
K-84-7	1.5	0.65	0.33	Max-min (new)
K-84-8	3.4	0.56	1.45	K-2

Note: The true thickness of the mineralized zone is not known.

1992-1996: La Société Quebécoise d'Exploration Minière ("SOQUEM") optioned the property from Ressource Meton Inc., in June 1992. SOQUEM did a regional compilation of all existing data and produced a series of compilation maps of the regional geology and ground geophysics. SOQUEM conducted additional geophysics and drilling in 1996. The best gold intercepts included:

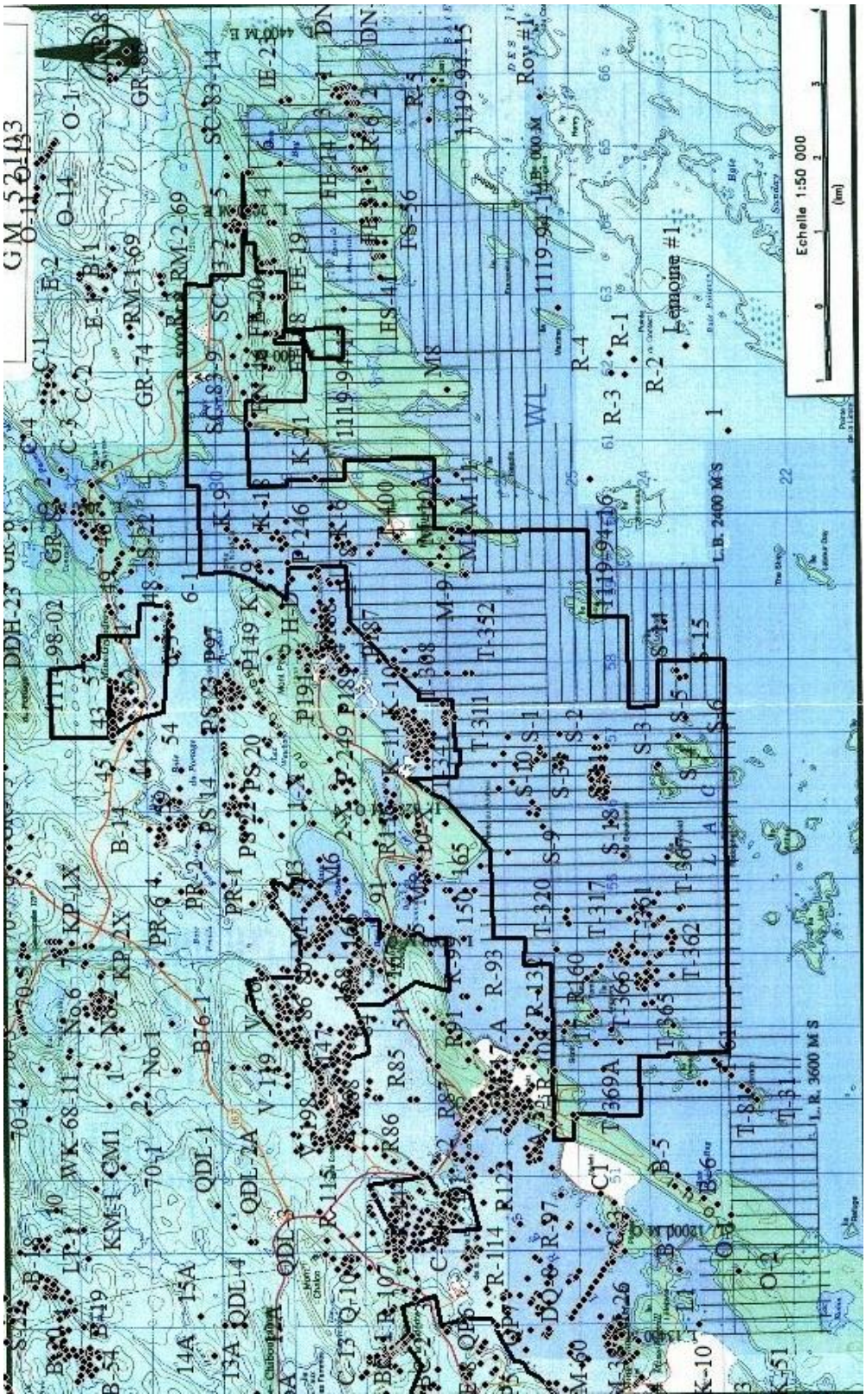
- Hole 1119-96-06 0.85 m of 4.6 g/t gold; and
- Hole 1119-96-08 0.55 m of 9.27 g/t gold.

Figure 17 shows the location of most of previous surface diamond drill holes completed on the Lac Chibougamau Properties and surrounding areas (Sigeom à la Carte, MNRF).

11-) Sample Preparation, Analyses and Security

Previous logging and sampling was done at different facilities outside the properties. Sampling methods and procedures were consistent with industry standards at the time. Sampling of the mineralized material from the Lac Chibougamau Properties has essentially been limited to samples collected from diamond drill core and several "mini bulk samples" collected underground for preliminary metallurgical testing.

Figure 17: Location of most of previous surface diamond drill holes completed on the Lac Chibougamau Properties and surrounding areas (Sigeom à la Carte, MNRF).



During the previous drill programs, the drill core was partially cut with a splitter along its longitudinal axis and sampled every 0.3 m, 0.5 m and up to 1.5 m, following the typology of the mineralization. Generally the shorter intervals represent isolated veins or well mineralized sections; usually such sections carry higher grade precious and/or base metal mineralization.

The sampling steps used at the time were as follows:

- The core is drilled and put in boxes that are closed and tied solidly for transportation; the boxes are transported to a secure location by pick-up truck; the core boxes are then unloaded, washed if necessary and tagged with aluminum tags embossed with the hole number, box number and interval from- to- stapled onto the end of each core box.
- The core is measured and described by the geologist (or consultant), noting different geological units, alteration, structure, and mineralization (sulphides). Sections with alteration and mineralization are usually marked for sampling.
- One-half of the core is sampled and placed in a tagged bag for assay. The other half is replaced in the box with corresponding tags placed at the beginning or the end of the sampled interval, depending on the geologist.
- The metallic pans and the splitter are cleaned after each sample is taken.
- Each sample bag is then sealed and placed in larger shipping bags which are delivered directly by the company personnel to the commercial laboratory for assay.
- The other half of the core, retained in the core boxes for reference and further detailed sampling, are moved to a permanent storage in steel core racks within fenced yards.
- At all times the location is kept locked and only personnel authorized by Globex and CIM have access.

The sampling approach taken by the previous companies appears conformed to industry standards. Assaying procedures used by different commercial laboratories (Fire Assay and Atomic Absorption Finish) were also in conformity with the exploration and mining standards at the time.

For the next exploration program, sampling will be performed by experienced technicians hired by the exploration company for the project. As the sampling progresses, the samples are immediately packed into sample bags along with a tag; sample bags are sealed and placed into larger bags; these shipping bags are then secured by a plastic strip for transportation to commercial laboratories. The exploration geological staff, as well as employees, directors, officers and associates of Globex and CIM, are not involved in any aspect of the sample preparation.

Accuracy and potential contaminations of analytical procedure at the laboratory are monitored by the introduction of blanks and blind certified reference standards into the sample stream. For the previous sampling completed so far, no other blanks or certified standards were included with the assays. Usually a limited number of higher grade mineralized intersections

are checked by re-assaying the reject and further testing will include a quarter-sawn portion of the remaining witness sample.

Rejects and pulps resulting from assaying by commercial laboratories are returned to the exploration companies for safe keeping.

No drilling has yet been completed by either Globex or CIM on the Lac Chibougamau Properties. Even if the Author believes that the quality assurance ("QA") and quality control ("QC") procedures for ensuring the security of core samples, the integrity of chain-of-custody for samples and the accuracy of laboratory analyses used at the time by previous owner of the property were in line with industry practice, the Author is not in a position to opine on the measures taken to ensure the validity and integrity of samples taken by previous owners of the Lac Chibougamau Properties.

12-) Data Verification

The Author was able to check some of the assay results listed in the previous reports and previous diamond drill holes logs, and the results posted in the logs are the same results observed on the certified laboratory assay certificates. The Author believes that data has been generated with appropriate procedures, has been accurately transcribed from the original source and is suitable to be used. The data has been subjected to numerous resource estimates over the year and a large part of the data has been generated and/or verified by SOQUEM during the period of 1992 to 2000.

On the original logs available, details have been entered into the logs for geological description, alteration and mineralization. Samples distribution and location over altered and mineralized zones are in line with industry practices at the time.

For the diamond drilling completed to date, by previous owners, no systematic check assay program was completed. Nevertheless, it appears that some mineralized sections have been re-logged and also re-sampled.

Based on some high grade results and description of visible gold, it is expected that a "nugget effect" will be present due to free gold in certain quartz veining. It is quite important to recognize the existence of this "nugget effect" in assaying for gold values. This nugget effect would tend to over-estimate high grade gold intersections and frequently under-estimate the lower grade zones. Other assaying techniques such as "total metallic" and "leaching" can be considered.

The Author also verified the procedure used for the previous resource estimates and concluded that the criteria being used were in line with industry standards at the time but do not satisfy the new CIMM standards.

Different criteria (principally lower cut-off grades) could be used in the future to test the potential for larger tonnage of lower grade material amenable to potential bulk mining.

Consultants Tech 2 Mine of Val d'Or, Québec are currently completing a comprehensive database into "Gemcom". The database will be verified and validated and will result in a new digital database that will be reliable for future exploration programs and Mineral Resources estimation purpose. The data bank is the result of a detailed and systematic compilation of the existing data by the Author.

With the numerous historical resource estimates carried out by previous professionals and the results of the underground sampling, the Author believes that the data is highly valuable for exploration purposes and most of the previous drill core not being available, for a NI 43-101 compliant "resource estimate" further diamond drilling will be required to "check" numerous of the older mineralized intersections. This will also permit to carry out systematic sampling for multi-elements and also further detailed the alterations pattern. The geometry of these mineralized zones being complex, the next drilling should include "oriented core" in order to better define the geometry of the mineralized veins.

13-) Mineral Processing and Metallurgical Testing

No information has been made available to the author from the previous testing and mineral processing of the ore extracted from numerous structures now present on the claims.

14-) Mineral Resource Estimates

The following "historical" non NI 43-101 compliant resources have been published BY PREVIOUS OWNERS of mining claims comprising the Lac Chibougamau Properties.

Name of project	Historical Resources	Cu %	Au g/t	Ag g/t	Zn %
Bateman Bay	**396,665 tons**	2.64 %	**4.35 g/t**		
Berrigan Mine (North Zone)	**1,388,915 tons**		**1.77 g/t**		**3.17 %**
Berrigan Mine (South Zone)	259,637 tons		0.58 g/t		3.05 %
Berrigan South					
Buckell Lake					
Copper Cliff Ext					
Dollier Project					
Grandroy Mine	181,000 tons	1.50 %			
Ile Marguerite					
Kokko Creek	115,000 tons	1.50 %	0.21 g/t		
K-Zones					
Québec Chibougamau	19,191 tons	1.93 %	2.64 g/t		
S-Zones					
Mont Sorcier					
Sulphur Converting					
T-Zones (T-10) S-3	**449,095 tons**	**0.91 %**	**2.38 g/t**		
T-Zones (T-9)	50,000 tons	2.21 %			

T-Zones (T-8)	**440,000 tons**		**8.48 g/t**		

The above resources are all historical in nature having been estimated prior to May 30, 2003 (CIMM current and adopted guidelines). Globex and CIM are not treating these historical estimates as current mineral resources as defined under NI 43-101

Bateman Bay

A relatively comprehensive resource estimate has been completed by SIDAM Inc. on May 26, 1992. The resource estimate is historical in nature having been completed prior to enactment of NI 43-101 standards. Globex or CIM have not done sufficient work to re-classify these resources following the new CIMM standards (NI 43-101 compliant).

Zone	Tons	Average width	Cu%	Au g/t
A-1				
A-2	94,714	1.4 m	2.04%	4.52 g/t
A-3 west	159,394	2.1 m	3.01%	4.69 g/t
A-3 east	142,557	2.7 m	2.62%	3.84 g/t
A-4				
A-5				
Zone C north				
Zone C south				
Total	**396,665**	**2.1 m**	**2.64%**	**4.35 g/t**

The above resources are all historical in nature having been estimated prior to May 30, 2003 (CIMM current and adopted guidelines). Globex and CIM are not treating these historical estimates as current mineral resources as defined under NI 43-101.

Lac Chibougamau Property

SOQUEM is the last company who carried out detailed compilation on the "Lac Chibougamau" property. It also had access to all original data and diamond drill core for re-logging and re-sampling.

On the Québec Chibougamau Goldfields property, SOQUEM mentioned an historical resources of **335,000 tonnes grading 1.60 g/t Au and 1.68 % Cu** within its evaluation completed in 2000 (GM-58101).

On the Grandroy Mine property, SOQUEM mentioned in GM-56521 that an historical resource of **349,238 tonnes grading 1.18% Cu and 0.67 g/t Au** remains in place.

The Tommy or T Zones represent a series of partially defined gold-copper zones. The T-10 Zone consists of 4 sub-zones (A, B, C, and N) and is reported to contain **449,095 tonnes grading 2.38 g/t Au and 0.91% Cu.** The T-9 Zone has a reported potential of 50,000 tonnes grading 2.1% Cu. This resource estimate has been completed by Metallgesellschaft in 1970. The T-8 Zone is said to contain a resource of **440,000 tonnes grading 8.45 g/t Au**. (In 1985 on the T-8 Zone Campbell Chibougamau estimated "probable" resources of 140,000 t. at 8.45 g/t Au (0.25 opt Au) over an

average width of 1.68 m along with an inferred resources of 300,000 t. grading 8.45 g/t still over an average width 1.68 m).

All of the above resource estimates were calculated prior to the application of NI 43-101 regulations; they are historical in nature and should not be relied upon. They are presented for information only in order to establish the exploration potential in the area. At this time Globex or CIM have not carried out any exploration work to re-classify these resources into current resource estimates as per new CIMM standards.

Mont Sorcier

On Mont du Sorcier Campbell Chibougamau Mines Ltd carried out in 1974 a systematic evaluation of the iron potential within a magmatic magnetite-rich layer of the Lac Doré Complex. Systematic surface diamond drilling was completed, metallurgical (concentration) testing was completed and an historical resource of 270,000,000 tons was estimated at an average grade of 27.7% Fe and 1.1% TiO2. A large section of this structure is present on the Lac Chibougamau Properties (150,000,000 tons GM-31867).

The above resources are historical in nature; Globex and CIM are not treating this historical estimate as current mineral resources as defined under NI 43-101.

15-) Mineral Reserve Estimates

Not applicable.

16-) Mining Method

Not applicable.

17-) Recovery Methods

Not applicable.

18-) Project Infrastructure

Not applicable.

19-) Market Studies and Contracts

Not applicable.

20-) Environmental Studies, Permitting and Social or Community Impact

Not applicable.

21-) Capital and Operating Costs

Not applicable.

22-) Economic Analysis

Not applicable.

23-) Adjacent Properties

Copper Cliff

At Copper Cliff, the mineralized corridor is oriented at N-110° with a steep dip (80°) to the south. Two distinct shear zones have been identified:

Zone 1 (North) up to 130 m wide
Zone 2 (South) up to 100 m wide

Other parallel zones have also been identified:

Zone Siderite North located 400 m north of the shaft. This zone has been mined between levels -122 m to level -205 m where it is closely associated to Zone 1. At this location, anorthositic gabbro of the Lac Doré Complex is in contact with the Lac Sauvage iron formation.

Zone "Siderite South" or 6-16-10 is located 275 m to the south of the main shaft and was identified on level -205 m. It is associated with Zone 2.

Zone 12-21-36 is located at level -388 m, some 600 m to the south of the main shaft. This zone is also related to Zone 2.

The mineralization encountered at Copper Cliff is represented by Au-Ag-Cu-Zn-Fe. Two different styles of mineralization have been identified at Copper Cliff:

Type 1: sulphide rich veins highly foliated, carrying the bulk of the mineralization (chalcopyrite, pyrite, magnetite, pyrrhotite, sphalerite and arsenopyrite). These veins form lenses up to 100 m long and up to 5.0 m thick. Chalcopyrite systematically cements fractures within pyrite.

Type 2: horizontal extension fractures cross-cutting main foliation. These lenses are quite limited in length (20 m) and in thickness (1 cm to 50 cm).

At Copper Cliff, as in all the other Cu-Au mines within the Lac Doré Complex, the mineralization of economic interest is spatially associated to intrusive dykes referred to as "Mines Dykes" These dykes have been injected within the deformation corridors and the main mineralizing event is cut by these dykes, nevertheless the mineralization is often present at the contact of these dykes.

- Grey Dyke: grey color and fine grained; and
- Mafic Dyke: dark green color, usually rich in chlorite.

Henderson orebodies

- located within the anorthositic member of the Lac Doré Complex;
- mafic dykes are locally present;

- dominant structural control of the Henderson oredodies is a strong shear zone measuring 15 m to 60 m in width, striking between N-20° E to N-45° E and dipping 25° to 45° South East. The width of the mineralized zones is usually larger where the shear is shallow dipping. The mineralized zones also curved to become oriented at N-015° at depth. The north part of the deposit is truncated by a later pyroxenite dyke;
- two types of orebodies have been originally outlined;
- the "A" orebodies are in a fracture zone with an intense brecciation along the footwall that grades into weak shattering along the hanging-wall;
- the "G" & "B" orebodies are massive replacements within the NE shear zones;
- the "A" zones is considered a copper zone whereas the "G" and "B" zones are copper-gold zones with appreciable cobalt;
- In the "A" zone, chalcopyrite and pyrrhotite are predominant and pyrite is fairly abundant, the chief gangue minerals are quartz, green chlorite, apatite, actinolite and calcite; and
- In the "G" and "B" zones, pyrite is the most abundant metallic mineral. It contains appreciable amounts of gold, cobalt and nickel. This is followed by chalcopyrite, pyrrhotite, cobaltite and magnetite. Ankerite is the most abundant gangue mineral followed by quartz and chlorite.

Portage Mine deposits

- The deposit occurs in a zone of intense alteration in meta-anorthosite. This zone varies in horizontal width from 25 m to 200 m. It has an average strike of N-45° E and an average dip of 45° to the East;
- The main structural feature of the deposit is a strong shear zone with the same average dip and strike as the alteration band. This shear ranges in horizontal width from 12 m to 60 m. Generally this shear occurs in the most intense alteration where it has a core of quartz – carbonate but it does enter the outer zone of altered anorthosite in places;
- Mineralization occurs as:
  - Replacements in the shear zone and in quartz – carbonate;
  - As fault filling;
  - As dissemination and as fracture filling in the shattered gabbro;
- At the east end of the zone, the sulphide consists of chalcopyrite, pyrite, pyrrhotite and minor sphalerite and arsenopyrite;
- Appreciable gold values occur throughout the deposits and are found in association with pyrite; and

- A fair amount of nickel is locally present.

Alain Blais (1984 Northgate Patino Mines Inc) stated that:

> *"The sill complex, which has been dated at 2.8 GA, is believed to be the original source of the mineralized fluids at portage Mine, but the intrusive activity of the Chibougamau Pluton into the Doré Lake Complex along an anticlinal axis at 2.7 Ga, is believed to be responsible for the formation of the copper-gold ore bodies. Subsequent episodes of major deformation at 2.5 and 2.2 Ga have complicated the structure severely and remobilized the ore in a series of lenses within a major shear zone which has general northeast-southwest strikes."*

At Portage the vein system occurs in several shear structures striking in all random directions: east-west, north-south, northeast-southwest, and south-southeast. The structures vary between 100 m (330 feet) to 220 m (720 feet) in width and the general strike of the corridor varies from N-030° to N-065°.

Copper Rand

At the Copper Rand Mine the mineralization lies within a zone of shearing oriented at 110° and dipping about 60° to the SW. The ore zones within this zone of shearing generally dip at a steeper angle, about 70° to the SW and the "rake" of the mineralization appears to trend at 50° to the NW. It is not known if the 10° difference between the shear and the mineralization is due to apparent vertical movement such as SW block moving down along these 110° shear zones.

The Copper Rand Mine represents one of the deepest mines in Chibougamau and this mine alone produced close to **1,500,000 ounces of gold beside the half billion pounds of copper (recorded production of 16,425,120 tons grading 1.80% Cu and 2.80 g/t Au) to a depth of 5,000 feet**. On a composite longitudinal section, the ore zones are defined by a series of lenses slightly oblique to the wide zone of shearing. There are numerous parallel structures within the shear and also some of the structures appear wider at depth.

Cedar Bay

At the Cedar Bay Mine a similar structural environment to Copper Rand is present but the "rake" of the mineralization appears steeper, about 70° to the NW. The residual "vector" (intersection of a plan oriented at 110° and dipping 60° to the SW with a "rake" of the mineralization along that plan at about 70°). This vector defines the down dip extension of the close to surface mineralized zones.

At Cedar Bay a historical resource of **248,520 tonnes grading 5.45 g/t Au and 0.97% Cu** are reported above level 732 m. (2,400 feet), which was the last level developed for mining. The mineralization consists of chalcopyrite, gold, silver, pyrite, sphalerite, pyrrhotite, arsenopyrite and cobalt.

"Zone 10-20" and the "Main Zone" have been further tested by drilling from level 2,700 feet at Copper Rand. Ten (10) holes investigated the depth extension of Cedar Bay below the mine workings. Seven (7) holes intersected mineralized the "main zone" up to a vertical depth of 3,800 feet and the "10-20 zone" up to a vertical depth of 3,200 feet. Following this drilling Campbell Resources Inc. reported an exploration potential of over 1,000,000 tonnes between level -1220 m and -1525 m at Cedar Bay.

Copper Cliff Siderose

At Copper Cliff Siderose, historical resource of **472,000 tons at 0.46% Cu** was reported. Highly anomalous gold and silver values are also mentioned.

24-) Other Relevant Data and Information

The Author is not aware of any environmental permitting, legal claim title, taxation, socio-political, marketing or other constraints that could affect the development of the property under study.

The Québec government has demonstrated a willingness to encourage natural resources development through quick permitting, title security and financial incentives.

Appendix 4 gives the UTM locations (MTM Nad 27) for a series of points along the old grid of lines which was used for ground geophysics and diamond drilling. This will help to better re-locate "geophysical conductors" and also previous diamond drilling.

25-) Interpretation and Conclusions

Two (2) distinct geotectonic paleo-environments are recognized in the Chibougamau Camp area. To the south, a flood plain-type is represented by the Obatogamau basalts and in the vicinity of Chibougamau; an island arc-type paleo-environment is present. These two (2) distinct paleo-environments will influence the variety and style of mineralization encountered even though both environments have been affected by the same regional deformation and intrusive history.

It is most worthy to note that the aggregate historic mine production of the Chapais – Chibougamau Mining Camp (Pilote et al, 1998) totals **82,000,000 tonnes of ore containing the recovery of 147 tonnes of gold, 4,860 tonnes of silver, 127,000 tonnes of Zinc and 1,400,000 tonnes of copper**. Additionally, the majority of the mines in Chibougamau have been exploited to depths of well less than 1,000 m.

History of mining in Chibougamau is defined by Cu-Au vein system usually rich in sulphide content. Porphyry- type Cu-Mo mineralization has also been documented. These two (2) types of mineralization are spatially associated to the Chibougamau pluton and the Lac Doré

Complex. The Cu-Au veins are well developed and understood within the NW quadrant of the Lac Doré Complex along with the more recently accepted porphyry-type mineralization which was originally identified along the southern and northwestern contact of the Chibougamau pluton.

Pilote et al (1994) proposed a porphyry-type mineralization for the Lac Clark – Merrill Island mines (Main Mine, Chib-Kayrand, Kokko Creek, Canadian Merrill, Fosse Merrill, and Fosse Main Mine), all located within the NW quadrant of the Lac Doré Complex. Furthermore, these mines hosting porphyry-style mineralization are present within the southern part of the Chibougamau Mining Camp with the Grandroy Mine, another porphyry-type mineralization, being present in the northern part of the Chibougamau Mining Camp. For timing of mineralization, Kirkham et al (1994, 1995) stated that the Cu-Au veins were formed before the development of the stockwork porphyry-type system (Cu-Mo) which is more localized in space. Some later Mo-rich veinlets are also documented.

An exploration model to consider for porphyry-type mineralization is the past producing Troilus Mine which produced by open pit from 1997 to 2009 a total of 67,946,868 tonnes grading 0.1% Cu and 1.06 g/t Au (over 2.3 million ounces of gold). This project is located about 100 km north of Chibougamau within an adjacent volcanic belt, the Frotet-Evans volcanic belt.

On the Lac Chibougamau Properties both of the aforementioned ore forming mineralizing systems have been identified.

The Cu-Au veins are dominantly located along NE (N-030°) and NW (N-110°) striking large corridors of deformation. The NE structures, namely the Henderson – Portage trends, dip to the south-east 45°- 60° toward and onto (at depth) the Lac Chibougamau Properties. The historically recognized NE “plunge of the mineralization” will help guide the exploration work to be undertaken by Globex/CIM. The NW trending structures (110°) dips to the SW at about 65° and similarly, the historically recognized “plunge of the mineralization” to the NW is clearly visible and a key guide to the planning of future drill targets by Globex and CIM.

All of the N-110° trending mineralized structures are truncated by the Lac Doré Fault, a NE-trending structure. Recently an apparent dextral horizontal displacement of about 1,600 m has been calculated along the Lac Doré Fault. This information will prove particularly useful to locate exploration targets of the inferred extensions of mineralization across the Lac Doré Fault.

The better grade mineralization lies within a series “tectonic corridors” and generally occurs as sulphide lenses of 10% to 30% sulphides comprised largely of pyrite and chalcopyrite with some pyrrhotite (1% to 5%) and traces of sphalerite and galena. The groundmass to the Cu-Au ore is composed of chlorite (70% to 90%) with minor quartz and carbonates which could amount to 15% - 20% of the groundmass. Despite these common features, it is justified to say that at any given specific mine, ore-waste characteristics, metal content and structural parameters, can change substantially from one lens to another. Magnetite is omnipresent within the sulphide veins and locally can become massive and carry good gold values.

The significant land holding controlled by Globex/CIM both surrounding and incorporating certain of the former Cu-Au producers in Chibougamau makes it prime exploration territory to confirm and build on historic resources as well as to explore for the immediate lateral and down plunge extensions of previously mined ore bodies. Furthermore, more detailed testing of surface showings could potentially lead to the discovery of new relatively shallow, parallel mineralized structures to those already identified.

Four types of mineralization are recognized in the area of the property under study.

- Shear and fracture controlled sulphide related copper-gold mineralization commonly carrying significant amounts of Zn-Pb-Ag;
- Porphyry style Cu-Au mineralization;
- Cu-Ni-PGE type mineralization associated with differentiated mafic to ultramafic facies of the Cumming Complex (Roberge Sill); and
- Base metal mineralization (Cu/Zn/Pb +/- Au & Ag) of the VMS-type (volcanogenic massive sulphide); in the area zinc – lead – silver occurrences with minor copper are dominant.

Recently funded government and university metallogenic studies in the Chibougamau and other gold and base metal mining camps in the Abitibi, have led to an enhanced recognition of several new mineral pathfinders, metallogenic and structural characteristics as these relate to the implementation of improved exploration approaches for new ore bodies in the traditional mining camps. More sophisticated multi-element analytical methods also enable more comprehensive geochemical characterization of targeted mineralization types.

A better understanding of the regional volcanic stratigraphy, mafic to ultramafic complex and sills, intrusions from tonalite to carbonatite, folding, early faults from syn-volcanic to Grenvillian and their relation to formation of ore bodies of different elements will greatly help focus systematic and detailed exploration in the region.

The discovery potential for new Au-Cu deposits in the Chibougamau mining camp is regarded as excellent owing largely to the limited historic exploration over the prime exploration terrain and favorable geology. Deep penetrating IP geophysical surveys tested by Globex in March of 2012 demonstrated the viability of this new technology.

Within the present study of the available data, certain observations were made:

- Good continuity exists at depth, the deeper mines each produced 5 to 15 million tons of ore; and
- Four different “mineralized trends” have been mined
    - N-045° (Henderson-Portage) This trend produced about 15,000,000 tons at 1.69% Cu and 2.50 g/t Au. It also appears that the copper and gold grades increase to the NE;

- N-120° "mine shears" appear to cut and displace the N-045° shears. These mine shears are in turn cut by the NE-trending Lac Doré Fault, a senestral trust (?) fault with an apparent horizontal displacement of about 1600 m. Shallow deposits on the NW side produced 6,500,000 tons grading 1.64% Cu and 2.54 g/t Au. A deposit on the SE side (worked much deeper) produced 16,500,000 tons grading 1.80% Cu and 2.80 g/t Au (about 1,500,000 ounces of gold);
- S3-type shears closer to the contact with the Chibougamau Pluton, gave a limited production of 320,000 tons grading 0.37 % Cu and 3.63 g/t Au. Here again it should be noted that copper values decrease and gold values increase significantly toward the contact of the Lac Doré Complex with the Chibougamau Pluton; and
- A "porphyry-type" ore has been mined around Merrill Island. Production of 9,600,000 tons grading 1.71 % Cu and 0.71 g/t Au are recorded. Small amounts of molybdenite have been observed.

Within the Chibougamau mining camp, not much exploration drilling has been completed around the producing mines during the last 30 years of production.

26-) Recommendations

The present assets of Globex and CIM provide an excellent opportunity for exploration within the heart of the Chibougamau Mining District. During the period of 2006 to 2011, Globex acquired by ground staking and/or map designated cells, a significant land package in the Chibougamau area, totalling approximately 6,554 hectares. The Lac Chibougamau Properties are considered to be at an "advanced stage" of exploration.

With the recent surge in gold, silver and base metal prices, a re-evaluation of CIM's large claim holdings, covering past Cu-Au producers with compelling evidence for inferred lateral and vertical extensions of the previously mined ore bodies, was deemed to be clearly warranted. It is believed that the copper-gold mineralization which was mined at shallower depths extends to depth well below the sections tested by previous surface and underground drilling. Parallel zones have also been identified by some of the earlier exploration work. Numerous relatively recent drill holes (late 1990's) intersected gold values of economic interest which were never followed up after their initial discovery. Recent advances in technology in the light of relatively strong metal prices have also made it possible to consider the use of new underground mining techniques including bulk mining of lower-grade mineralization material as exemplified by Agnico Eagle's low grade gold mine located on the outskirts of Val d'Or.

Systematic exploration to fully assess the precious and base metal potential of the prospective Lac Chibougamau Properties is strongly recommended. The majority of the claims now controlled by Globex / CIM underwent only intermittent exploration over the years since the 1950's. The present Lac Chibougamau Properties have not been subjected to modern systematic exploration since the early 1980's. The earlier drilling generated sufficiently

attractive Cu/Au intersections to justify resources estimates at a number of localities now controlled by Globex/CIM. Only very limited mineral production has been seen on the Lac Chibougamau Properties which are known to host a number of insufficiently drill tested in-situ historical Cu/Au resources.

A multi-phased exploration program is recommended based on the project compiled technical data. This program is judged to be fully warranted in order to adequately appraise and evaluate in a reasonable and progressive manner, the remaining mineral and discovery potential of a large portion of the Chibougamau Mining Camp.

An improved understanding of the geologic, structural and alteration features of these deposits will serve to enable Globex/CIM to better define the metallogenic priorities to help determine the areas with the highest potential of discovery in its search for large base and precious metal deposits in the Chibougamau Mining District.

It is recommended that a detailed compilation of all geological, geochemical and geophysical work both historic and internally generated, be completed over the entire claim holdings to adequately test for the presence of large yet undetected Cu/Au deposits within the designated Globex/CIM claim blocks.

A digital data bank summarizing all exploration information particularly that of diamond drilling data, is currently being compiled and analyzed with the objective of outlining quality exploration targets. The geological units along with diagnostic alteration features associated with the base and precious metal mineralization are being gathered and interpreted from the original drill logs and assays records.

Prior to the planning of specific geophysical surveys and diamond drilling, it is the Author's intent to complete the aforementioned detailed compilation of surface and near surface geophysical and drilling exploration data on internally generated maps which will serve to define the highest priority target areas for follow up work. Historic drill intercepts of potential economic interest will be highlighted. When possible, level plans and longitudinal sections showing historic productions (stopes) will be compiled from all of the partial maps available within the public domain in order to properly investigate and assess the projected lateral and depth extension of the previously mined sectors extending onto the Lac Chibougamau Properties.

Surface diamond drilling is recommended in staged phases. An initial drilling program will look at testing the inferred extensions of the known structures as well as exploring a few specific targets identified during the present study.

Proposed exploration drill holes (location finalized upon completion of detailed compilation). These do not include the testing of inferred extensions of known structures.

Hole #	UTM co-ordinates		Azimuth	Dip	Length	Target
	Easting	Northing				
CMI-12-01					150 m	East shoreline Ile Marguerite (Au)
CGR-12-02					100 m	Grandroy, Porphyry (Cu-Au-Mo)
CGR-12-03					200 m	Grandroy, Porphyry (Cu-Au-Mo)
CKK-12-04					100 m	Kokko Creek extension (Cu)
CKK-12-05					100 m	Kokko Creek extension (Cu)
CDA-12-06					100 m	Decline area, Kokko Creek (Cu-Ag-Mo-Au)
CDA-12-07					100 m	Decline area, Kokko Creek (Cu-Ag-Mo-Au
CBS-12-08					120 m	Berrigan Sud (Au-Cu occurrence)
CBS-12-09					125 m	Berrigan Sud (Au-Cu occurrence)
CBT-12-10					150 m	Berrigan/Taché (Au-Zn-Ag)
CBT-12-11					250 m	Berrigan/Taché (Au-Zn-Ag)

A second more important phase 2 drilling will be required to expand known mineralized zones of economic interest and also “convert” historical resources into NI 43-101 compliant resources and possibly reserves in certain places.

Systematic surface drilling on certain higher priority targeted Cu-Au mineral occurrences will bring them closer to development stage. A copper-gold mill in the area is available for custom milling.

Proposed Budget

The Author recommends a multi-phase work program that includes studies and exploration drilling (phase 1) followed by systematic surface drilling (phase 2) in order to confirm and upgrade historical copper and gold resources into a NI 43-101 compliant format.

This initial exploration phase includes four activities, namely: a) geophysical grid construction and specific geophysical surveys, b) the compilation and transformation of available technical information into digital format, c) surface stripping & sampling and d) preliminary surface exploration drilling.

Thus, in early 2012, new “Deep Penetrating Induced Polarization” survey was tested over selected zones of known Cu-Au mineralization over Lac Doré and Lac Chibougamau. This “new” geophysical method responded to the known zones while outlining, in certain instances, what maybe deeper lateral extensions of the mineralized structures.

In terms of the compilation work, as part of the initial exploration phase, all historic data will be integrated, audited, standardized and digitized including the “Gemcom” data bank with cross referenced published drill logs. The data bank will be converted entirely into metric format and drill cross-sections at the scale of 1 = 500 will be generated for all areas where detailed drilling

is warranted based on the interpretation of the geology, structures and mineralized trends. This presentation will also incorporate historic "resource estimates" as background information. Furthermore, within the assessment work files enough data are available to re-create preliminary level plans and longitudinal sections (with stopes) in order to better orientate the exploration focused on the depth and lateral extensions of known deposits.

The available geological, geophysical and geochemical data has been gathered from historical works and is being drafted on maps at the following scales:

-) Regional compilation at the scale of 1 = 20,000
-) Property compilation at the scale of 1 = 5,000
-) Detailed compilation on the "occurrences" at the scale of 1 = 1,000

The second phase of exploration will be based on results of systematic compilation and preliminary drilling recommended in phase 1. Surface diamond drilling proposed in Phase 2 will be aimed at probing and confirming areas of historical resources in order to convert some of these resources into current resources (or reserves) as per CIMM standards. A preliminary minimum meterage of 27,000 m of NQ-size drilling is recommended.

Following the results of phase 2, additional systematic drilling will be required to systematically define resources and take some of the resources closer to preliminary evaluation of their economic potential for future development.

	Estimated costs	CDN $
Phase 1	Studies and exploration drilling	
	Data compilation (geological, geochemical and geophysical historical work and internally generated documents)	$150,000.
	Grid lines and geophysical test surveys	$175,000.
	Stripping, trenching and sampling	$100,000.
	Preliminary surface exploration drilling (all inclusive) 6,250 linear meters @ $100./m	$625,000.
	Contingencies	$105,000.
	Total Phase 1	**$1,155,000.**
Phase 2		
	Surface diamond drilling (all inclusive) 27,000 linear meters @ $100./m	$2,700,000.
	Contingencies	$270,000.
	Total Phase 2	**$2,970,000.**

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28-) Certificate of Qualifications

I, Claude P. Larouche, *ing.* (OIQ), do hereby certify that:

1. I am a geological engineer, president of Ovalbay Geological Services Inc. who operates a main office at 385 Riviera Drive, Thunder Bay, Ontario, Canada, P7B 6K2, and also a satellite office at 524, route 167, Chibougamau, Québec, Canada, G8B 2K5.
2. I am a qualified geologist, having graduated from Université du Québec at Chicoutimi, B. Sc. Eng, in 1974 and Carleton University, M. Sc., Geology (1979).
3. I am a member of the Order of Engineers of the Province of Québec (Ing. OIQ, member #34885), member of the Québec Mining Exploration Association (AEMQ) and core member of Prospectors and Developers Association of Canada (PDAC).
4. I have worked continuously as a geologist and geological engineer since graduation in 1974 and have worked as an independent consultant since 1980.
5. I have read the definition of "qualified person" set out in National Instrument Standards of Disclosure for Mineral Project ("NI 43-101") and certify that by reason of my education, relevant and continuous past experience in mining exploration, and my affiliation with a professional association (as defined in NI 43-101), I fulfill the requirements to be a "Qualified Person" for the purpose of NI 43-101.
6. I am responsible for the preparation of the report entitled **"Technical Review (NI 43-101 compliant) and Evaluation of the Exploration Potential of the Lac Chibougamau Mining Properties in McKenzie, Roy, Obalski and Lemoine Townships, Abitibi Mining District, Province of QUÉBEC" NTS 32G-16** and dated August 16, 2012 (the "Technical Report"). I have personally visited the properties subject to the Technical Report during the period of May 6 to May 10, 2012.
7. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose would make the Technical Report misleading.
8. I have not had prior involvement with the mining properties which are the subject of the present Technical Report.
9. I am independent of Globex Mining Enterprises Inc. and Chibougamau Independent Mines Inc. applying all of the tests in Section 1.5 of NI 43-101. I have read NI 43-101 and Form 43-101 FI Technical Report and I confirm that the Technical Report has been prepared in compliance with NI 43-101 and Form 43-101 FI.
10. As of the date of this certificate, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Signed and dated in Chibougamau, August 20, 2012

Claude P Larouche, *ing.*; OIQ (Quebec) #34885

Appendix 1

List of claims and cells comprising the Lac Chibougamau Properties within the Chibougamau Area (32G-16)

Claim #	Recorded	Superficies	Banked	Fees	Work	Expiration Date
Berrigan/Taché Property (which is the subject of a separate NI 43-101 technical report)						
CL-5276715	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5277066	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5277073	04/02/2011	16	1192.02	27	500	03/02/2013
CL-5276717	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5276720	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5277075	04/02/2011	16	1192.02	27	500	03/02/2013
CL-5276719	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5277068	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5277076	04/02/2011	16	1192.02	27	500	03/02/2013
CL-5276722	04/02/2011	5.20	1192.03	27	500	03/02/2013
CL-5277069	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5277079	04/02/2011	16	1192.02	27	500	03/02/2013
CL-5278256	04/02/2011	16	1192.02	27	500	03/02/2013
CL-5276721	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5276723	04/02/2011	9	1192.03	27	500	03/02/2013
CL-5276718	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5277070	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5277071	04/02/2011	16	1192.02	27	500	03/02/2013
CL-5277072	04/02/2011	16	1192.02	27	500	03/02/2013
CL-5277067	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5277074	04/02/2011	16	1192.02	27	500	03/02/2013
CL-5277078	04/02/2011	16	1192.02	27	500	03/02/2013
CL-5276716	04/02/2011	16	1192.03	27	500	03/02/2013
CL-5277077	04/02/2011	16	1192.02	27	500	03/02/2013
CL-5277080	04/02/2011	16	1192.02	27	500	03/02/2013
Lac Chibougamau Properties						
CL-5280088	29/03/2012	16	0	27	500	28/03/2014
CL-5280087	29/03/2012	16	0	27	500	28/03/2014
CL-5280150	29/03/2012	16	0	27	500	28/03/2014
CL-5280084	29/03/2012	16	0	27	500	28/03/2014
CL-5280151	29/03/2012	16	0	27	500	28/03/2014
CL-5253589	10/01/2007	16	29.25	27	500	09/01/2013
CL-5253592	10/01/2007	16	307.44	27	500	09/01/2013
CL-5274814	21/10/2010	16	0	27	500	20/10/2012
CL-5276923	02/09/2010	16	0	27	500	01/09/2012
CL-5276926	02/09/2010	16	0	27	500	01/09/2012
CL-5276939	02/09/2010	0.50	0	27	500	
CL-5277046	02/12/2010	16	0	27	500	01/12/2012
CL-5277054	02/12/2010	16	0	27	500	01/12/2012
CL-5277055	02/12/2010	16	0	27	500	01/12/2012
CL-5277058	02/12/2010	1.60	0	27	500	01/12/2012
CL-5277930	02/09/2010	16	0	27	500	01/09/2012
CL-5277956	02/09/2010	16	0	27	500	01/09/2012

CL-5277963	02/09/2010	16	0	27	500	01/09/2012
CL-5274506	04/04/2011	16	0	27	500	03/04/2013
CL-5280078	29/03/2012	16	0	27	500	28/03/2014
CL-5280080	29/03/2012	16	0	27	500	28/03/2014
CL-5280090	29/03/2012	16	0	27	500	28/03/2014
CL-5280149	29/03/2012	16	0	27	500	28/03/2014
CL-5253895	27/06/2007	5.50	622.92	27	500	26/06/2013
CL-5266772	21/10/2010	16	0	27	500	20/10/2012
CL-5276924	02/09/2010	16	0	27	500	01/09/2012
CL-5276925	02/09/2010	16	0	27	500	01/09/2012
CL-5277045	02/12/2010	16	0	27	500	01/12/2012
CL-5277935	02/09/2010	16	0	27	500	01/09/2012
CL-5274794	21/10/2010	16	0	27	500	20/10/2012
CL-5277951	02/09/2010	16	0	27	500	01/09/2012
CL-5277960	02/09/2010	16	0	27	500	01/09/2012
CL-5277971	02/09/2010	16	3630.77	27	500	01/09/2012
CL-5277975	02/09/2010	16	0	27	500	01/09/2012
CL-5277976	02/09/2010	16	3630.77	27	500	01/09/2012
CL-5278243	02/09/2010	16	0	27	500	01/09/2012
CL-5278251	02/09/2010	16	0	27	500	01/09/2012
CL-5274514	16/12/2011	16	0	27	500	15/12/2013
CL-5280076	26/01/2012	11.8	0	27	500	25/01/2014
CL-5253593	10/01/2007	11.25	233.22	27	500	09/01/2013
CL-5274810	21/10/2010	16	0	27	500	20/10/2012
CL-5274811	21/10/2010	16	0	27	500	20/10/2012
CL-5276930	02/09/2010	16	0	27	500	01/09/2012
CL-5277938	02/09/2010	16	0	27	500	01/09/2012
CL-5277944	02/09/2010	16	0	27	500	01/09/2012
CL-5277945	02/09/2010	16	0	27	500	01/09/2012
CL-5277946	02/09/2010	16	0	27	500	01/09/2012
CL-5277957	02/09/2010	16	0	27	500	01/09/2012
CL-5277958	02/09/2010	16	0	27	500	01/09/2012
CL-5274501	04/04/2011	16	0	27	500	03/04/2013
CL-5280086	29/03/2012	16	0	27	500	28/03/2014
CL-5253881	29/03/2012	16	0	27	500	28/03/2014
CL-5253882	29/03/2012	16	0	27	500	28/03/2014
CL-5253591	10/01/2007	16	306.74	27	500	09/01/2013
CL-5266773	21/10/2010	16	0	27	500	20/10/2012
CL-5274816	21/10/2010	16	0	27	500	20/10/2012
CL-5274817	21/10/2010	12.50	0	27	500	20/10/2012
CL-5276935	02/09/2010	16	0	27	500	01/09/2012
CL-5278254	02/09/2010	16	0	27	500	01/09/2012
CL-5274516	16/12/2011	16	0	27	500	15/12/2013
CL-5274517	16/12/2011	16	0	27	500	15/12/2013
CL-5274518	16/12/2011	16	0	27	500	15/12/2013
CL-5280085	29/03/2012	16	0	27	500	28/03/2014
CL-5280152	29/03/2012	16	0	27	500	28/03/2014
CL-5280077	26/01/2012	16	0	27	500	25/01/2014
CL-5253596	10/01/2007	11.70	29.24	27	500	09/01/2013
CL-5266771	21/10/2010	16	0	27	500	20/10/2012
CL-5276931	02/09/2010	16	0	27	500	01/09/2012

CL-5276932	02/09/2010	16	0	27	500	01/09/2012
CL-5277048	02/12/2010	16	0	27	500	01/12/2012
CL-5277053	02/12/2010	16	0	27	500	
CL-5277941	02/09/2010	16	0	27	500	01/09/2012
CL-5277948	02/09/2010	16	0	27	500	01/09/2012
CL-5277970	02/09/2010	16	0	27	500	01/09/2012
CL-5274502	04/04/2011	16	0	27	500	03/04/2013
CL-5274513	16/12/2011	16	0	27	500	15/12/2013
CL-5279915	29/03/2012	16	0	27	500	28/03/2014
CL-5274800	21/10/2010	16	0	27	500	20/10/2012
CL-5274809	21/10/2010	16	0	27	500	20/10/2012
CL-5274813	21/10/2010	16	0	27	500	20/10/2012
CL-5276927	02/09/2010	16	0	27	500	01/09/2012
CL-5276928	02/09/2010	16	0	27	500	01/09/2012
CL-5276929	02/09/2010	16	0	27	500	01/09/2012
CL-5277057	02/12/2010	16	3630.77	27	500	01/12/2012
CL-5277939	02/09/2010	16	0	27	500	01/09/2012
CL-5274799	21/10/2010	16	0	27	500	20/10/2012
CL-5277962	02/09/2010	16	0	27	500	01/09/2012
CL-5277969	02/09/2010	16	0	27	500	01/09/2012
CL-5277974	02/09/2010	16	0	27	500	01/09/2012
CL-5274508	04/04/2011	16	0	27	500	03/04/2013
CL-5274512	16/12/2011	16	0	27	500	15/12/2013
CL-5274515	16/12/2011	16	0	27	500	15/12/2013
CL-5280081	29/03/2012	16	0	27	500	28/03/2014
CL-5280083	29/03/2012	16	0	27	500	28/03/2014
CL-5280153	29/03/2012	16	0	27	500	28/03/2014
CL-5280075	26/01/2012	16	0	27	500	25/01/2014
CL-5266770	21/10/2010	16	0	27	500	20/10/2012
CL-5274815	21/10/2010	16	0	27	500	20/10/2012
CL-5276934	02/09/2010	16	0	27	500	01/09/2012
CL-5277047	02/12/2010	16	0	27	500	01/12/2012
CL-5277950	02/09/2010	16	0	27	500	01/09/2012
CL-5277954	02/09/2010	16	0	27	500	01/09/2012
CL-5278253	02/09/2010	16	0	27	500	01/09/2012
CL-5278255	02/09/2010	16	0	27	500	01/09/2012
CL-5274503	04/04/2011	16	0	27	500	03/04/2013
CL-5274504	04/04/2011	16	0	27	500	03/04/2013
CL-5274511	16/12/2011	16	0	27	500	15/12/2013
CL-5280079	29/03/2012	16	0	27	500	28/03/2014
CL-5280082	29/03/2012	16	0	27	500	28/03/2014
CL-5253883	29/03/2012	16	0	27	500	28/03/2014
CL-5253590	10/01/2007	16	114.49	27	500	09/01/2013
CL-5253594	10/01/2007	16	666.32	27	500	09/01/2013
CL-5253595	10/01/2007	16	29.24	27	500	09/01/2013
CL-5253597	10/01/2007	16	812.97	27	500	09/01/2013
CL-5274801	21/10/2010	16	0	54	500	
CL-5274802	21/10/2010	9.625	0	27	500	20/10/2012
CL-5276933	02/09/2010	16	0	27	500	01/09/2012
CL-5277056	02/12/2010	16	0	27	500	01/12/2012
CL-5277931	02/09/2010	16	0	54	500	

CL-5277932	02/09/2010	16	0	54	500	
CL-5277934	02/09/2010	16	0	27	500	01/09/2012
CL-5277936	02/09/2010	16	0	54	500	
CL-5277943	02/09/2010	11.1	0	27	500	01/09/2012
CL-5277952	02/09/2010	16	0	27	500	01/09/2012
CL-5277964	02/09/2010	16	0	27	500	01/09/2012
CL-5277968	02/09/2010	16	0	27	500	01/09/2012
CL-5278252	02/09/2010	16	0	27	500	01/09/2012
CL-5274505	04/04/2011	16	0	27	500	03/04/2013
CL-5274507	04/04/2011	16	0	27	500	03/04/2013
Claims Option “Virginia Gold”						
CL-5278265	05/08/2010	13.03	0	27	500	04/08/2012
CL-5278266	05/08/2010	15.86	0	27	500	04/08/2012
CL-5278267	05/08/2010	6.76	0	27	500	04/08/2012
CL-5278268	05/08/2010	15.81	0	27	500	04/08/2012
CL-5278269	05/08/2010	16.02	0	27	500	04/08/2012
159 CLAIMS						
CDC-2329875	11/01/2012	42.74	0	53	1200	10/01/2014
CDC-2329878	11/01/2012	42.12	0	53	1200	10/01/2014
CDC-2311793	09/09/2011	27.38	0	53	1200	08/09/2013
CDC-2311795	09/09/2011	47.60	0	53	1200	08/09/2013
CDC-2234502	19/05/2010	55.50	0	53	1200	18/05/2014
CDC-2239964	08/07/2010	55.48	0	53	1200	07/07/2012
CDC-2239971	08/07/2010	55.48	0	53	1200	07/07/2012
CDC-2257935	29/10/2010	2.15	0	27	500	28/10/2012
CDC-2257941	29/10/2010	10.44	0	27	500	28/10/2012
CDC-2273254	11/02/2011	0.38	0	27	500	10/02/2013
CDC-2274360	21/02/2011	2.76	0	27	500	20/02/2013
CDC-2274361	21/02/2011	5.48	0	27	500	20/02/2013
CDC-2329552	19/01/2012	41.16	0	53	625.91	29/09/2012
CDC-2311792	09/09/2011	55.44	0	53	1200	08/09/2013
CDC-2311797	09/09/2011	42.68	0	53	1200	08/09/2013
CDC-2311801	09/09/2011	42.48	0	53	1200	08/09/2013
CDC-2234499	19/05/2010	55.50	0	53	1200	18/05/2014
CDC-2234503	19/05/2010	55.50	0	53	1200	18/05/2014
CDC-2250329	17/09/2010	55.57	0	53	1200	16/09/2012
CDC-2257929	29/10/2010	51.71	0	53	1200	28/10/2012
CDC-2257931	29/10/2010	10.87	0	27	500	28/10/2012
CDC-2273258	11/02/2011	5.69	0	27	500	10/02/2013
CDC-2274355	21/02/2011	36.53	0	53	1200	20/02/2013
CDC-2274362	21/02/2011	0.16	0	27	500	20/02/2013
CDC-2260499	15/11/2010	4.72	3630.77	27	500	14/11/2012
CDC-2329549	19/01/2012	0.59	0	27	8.98	29/09/2012
CDC-2329876	11/01/2012	42.12	0	53	1200	10/01/2014
CDC-2238223	15/06/2010	35.93	1230.76	53	106	14/06/2012
CDC-2238226	16/06/2010	31.53	0	53	1200	14/06/2012

CDC-2239970	08/07/2010	55.46	0	53	1200	07/07/2012
CDC-2250328	17/09/2010	55.57	0	53	1200	16/09/2012
CDC-2257934	29/10/2010	16.64	0	27	500	28/10/2012
CDC-2260491	15/11/2010	25.16	3630.77	53	1200	14/11/2012
CDC-2274359	21/02/2011	4.45	0	27	500	20/02/2013
CDC-2329548	19/01/2012	55.50	0	53	843.98	29/09/2012
CDC-2311788	09/09/2011	20.34	0	27	500	08/09/2013
CDC-2238225	16/06/2010	47.57	1230.77	53	1200	14/06/2012
CDC-2239972	08/07/2010	55.48	0	53	1200	07/07/2012
CDC-2257928	29/10/2010	28.97	0	53	1200	28/10/2012
CDC-2257933	29/10/2010	23.79	0	27	500	28/10/2012
CDC-2260493	15/11/2010	6.22	1230.77	27	500	14/11/2012
CDC-2273255	11/02/2011	10.69	0	27	500	10/02/2013
CDC-2273257	11/02/2011	52.27	0	53	1200	10/02/2013
CDC-2274356	21/02/2011	2.34	0	27	500	20/02/2013
CDC-2329551	19/01/2012	41.80	0	53	635.64	29/09/2012
CDC-2329553	19/01/2012	21.48	0	27	326.64	29/09/2012
CDC-2311794	09/09/2011	47.52	0	53	1200	08/09/2013
CDC-2311796	09/09/2011	42.75	0	53	1200	08/09/2013
CDC-2311799	09/09/2011	42.48	0	53	1200	08/09/2013
CDC-2311802	09/09/2011	42.48	0	53	1200	08/09/2013
CDC-2257932	29/10/2010	18.29	0	27	500	28/10/2012
CDC-2257938	29/10/2010	14.53	0	27	500	28/10/2012
CDC-2257939	29/10/2010	38.06	0	53	1200	28/10/2012
CDC-2260489	15/11/2010	19.55	3630.77	27	500	14/11/2012
CDC-2260497	15/11/2010	18.97	3630.77	27	500	14/11/2012
CDC-2274353	21/02/2011	2.00	0	27	500	20/02/2013
CDC-2274357	21/02/2011	2.90	0	27	500	20/02/2013
CDC-2311790	09/09/2011	31.79	0	53	1200	08/09/2013
CDC-2311798	09/09/2011	42.48	0	53	1200	08/09/2013
CDC-2311803	09/09/2011	42.47	0	53	1200	08/09/2013
CDC-16291	26/03/2004	59.10	0	53	1800	25/03/2014
CDC-2239965	08/07/2010	55.47	0	53	1200	07/07/2012
CDC-2239968	08/07/2010	55.47	0	53	1200	07/07/2012
CDC-2239973	08/07/2010	55.37	0	53	1200	07/07/2012
CDC-2257927	29/10/2010	3.23	0	27	500	28/10/2012
CDC-2257936	29/10/2010	51.16	0	53	1200	28/10/2012
CDC-2257940	29/10/2010	40.56	0	53	1200	28/10/2012
CDC-2260495	15/11/2010	14.60	3630.77	27	500	14/11/2012
CDC-2273256	11/02/2011	11.32	0	27	500	10/02/2013
CDC-2329550	19/01/2012	3.87	0	27	58.85	29/09/2012
CDC-2311789	09/09/2011	31.59	0	53	1200	08/09/2013
CDC-2331199	06/02/2012	55.45	0	53	1200	05/02/2014
CDC-2331200	06/02/2012	55.45	0	53	500	05/02/2014
CDC-2234496	19/05/2010	55.50	0	53	1200	18/05/2014
CDC-2234497	19/05/2010	55.50	0	53	1200	18/05/2014
CDC-2238228	15/06/2010	55.95	0	53	1200	14/06/2012
CDC-2238229	15/06/2010	31.54	0	53	1200	14/06/2012
CDC-2239967	08/07/2010	55.47	0	53	1200	07/07/2012
CDC-2239969	08/07/2010	33.41	0	53	1200	07/07/2012
CDC-2250327	17/09/2010	55.57	0	53	1200	16/09/2012

CDC-2262102	01/12/2010	55.57	0	53	1200	30/11/2012
CDC-2274363	21/02/2011	0.67	0	27	500	20/02/2013
CDC-2329879	11/01/2012	42.12	0	53	1200	10/01/2014
CDC-2311791	09/09/2011	55.44	0	53	1200	08/09/2013
CDC-2311800	09/09/2011	42.48	0	53	1200	08/09/2013
CDC-2311804	09/09/2011	42.38	0	53	1200	08/09/2013
CDC-2234498	19/05/2010	55.50	0	53	1200	18/05/2014
CDC-2234500	19/05/2010	55.50	0	53	1200	18/05/2014
CDC-2234501	19/05/2010	55.50	0	53	1200	18/05/2014
CDC-2238224	15/06/2010	30.33	1230.77	53	1200	14/06/2012
CDC-2238227	15/06/2010	50.76	3630.77	53	1200	14/06/2012
CDC-2238230	15/06/2010	55.48	0	53	1200	14/06/2012
CDC-2239966	08/07/2010	55.47	0	53	1200	07/07/2012
CDC-2257930	29/10/2010	18.19	0	27	500	28/10/2012
CDC-2257937	29/10/2010	31.01	0	53	1200	28/10/2012
CDC-2273259	11/02/2011	9.32	0	27	500	10/02/2013
CDC-2273260	11/02/2011	1.24	0	27	500	10/02/2013
CDC-2274354	21/02/2011	27.83	0	53	1200	20/02/2013
CDC-2274358	21/02/2011	31.74	0	53	1200	20/02/2013
CDC-2329877	11/01/2012	42.12	0	53	1200	10/01/2014
CLD-PO14296	20/06/1996	68.18	0	53	2500	19/06/2012
CLD-PO14297	20/06/1996	17.77	0	54	1000	19/06/2012
CDC-2293629	07/06/2011	42.52	0	53	1200	06/06/2013
CDC-2293630	07/06/2011	42.48	0	53	1200	06/06/2013
CDC-2314031	29/09/2011	42.48	0	53	1200	28/09/2013
CDC-2314032	29/09/2011	42.42	0	53	1200	28/09/2013
CDC-2314033	29/09/2011	42.48	0	53	1200	28/09/2013
CDC-2291095	16/05/2011	42.12	0	53	1200	15/05/2013
CDC-2291096	16/05/2011	42.13	0	53	1200	15/05/2013
CDC-2291097	16/05/2011	42.11	0	53	1200	15/05/2013
CDC-2305041	02/08/2011	42.74	0	53	1200	01/08/2013
Designated / not yet approved		40.00	0	53	1200	
Designated / not yet approved		40.00	0	53	1200	
Designated / not yet approved		40.00	0	53	1200	
Designated / not yet approved		40.00	0	53	1200	
Designated / not yet approved		40.00	0	53	1200	
116 CELLS						

Note: All claims due in 2012 are renewed or in the process of being renewed.

Appendix 2

List of previous diamond drill holes completed on the Lac Chibougamau Properties (or close to the boundaries) for which location and data are available (either complete or partial geology+assays).

Ddh #	UTM GRID		Elev.	Mine Grid			Az	Dip	Length	Structure
	Easting	Northing		Easting	Northing	Elevation				
1291-05-01	542685	5527480								South of Berrigan
1119-98-01	559999	5529191								K Zones
1119-98-02	560247	5529481								K Zones
1114-98-01	556878	5531347					270	-45	139 m	Grandroy
1114-98-02	558138	5531963					270	-40	174 m	Grandroy
1114-98-03	556956	5531346					270	-45	123 m	Grandroy
1114-98-04	559984	5531309					155	-40	129 m	
1114-98-05	567211	5531885					150	-45	144 m	
1119-97-01	559900	5529542								K Zones
1119-97-02	559851	5529321								K Zones
1119-97-03	559691	5529193								K Zones
1119-97-04	559567	5529037								K Zones
1119-97-05	559756	5529270								K Zones
1119-96-02	556328	5526273					320	-55	402 m	K Zones
1119-96-03	555471	5526156					320	-55	417 m	K Zones
1119-96-04	556684	5525430					000	-50	417 m	K Zones
1119-96-05	559775	5528485					340	-55	276 m	K Zones (K3)
1119-96-06	559616	5529259					312	-55	387 m	K Zones (K1)
1119-96-07	559314	5529412					000	-55	357 m	K Zones (K2)
1119-96-08	559775	5529387					312	-55	168 m	K Zones (K1)
SD-95-1	548462	5527838								Siderite Hill
SD-95-2	548462	5527838								Gm-54261
SD-95-3	548476	5527820								Siderite Hill
SD-95-4	548476	5527820								Siderite Hill
SD-95-5	548496	5527802								Siderite Hill
SD-95-6	548496	5527802								Siderite Hill
SD-95-7	548511	5527780								Siderite Hill
SD-95-8	548511	5527780								Siderite Hill
SD-95-9	548530	5527758								Siderite Hill
SD-95-10	548530	5527758								Siderite Hill
SD-95-11	548549	5527740								Siderite Hill
SD-95-12	548549	5527740								Siderite Hill
SD-95-13	548569	5527726								Siderite Hill
SD-95-14	548569	5527726								Siderite Hill
SD-95-15	548589	5527710								Siderite Hill
SD-95-16	548589	5527710								Siderite Hill
SD-95-17	548610	5527694								Siderite Hill
SD-95-18	548610	5527694								Siderite Hill
SD-95-19	548627	5527677								Siderite Hill
SD-95-20	548627	5527677								Siderite Hill
SD-95-21	548643	5527658								Siderite Hill
SD-95-22	548643	5527658								Siderite Hill
SD-95-23	548656	5527638								Siderite Hill

SD-95-24	548656	5527638								Siderite Hill
SD-95-25	548665	5527625								Siderite Hill
SD-95-26	548665	5527625								Siderite Hill
SD-95-27	548669	5527615								Siderite Hill
SD-95-28	548669	5527615								Siderite Hill
SD-95-29	548674	5527605								Siderite Hill
SD-95-30	548674	5527605								Siderite Hill
SD-95-31	548681	5527594								Siderite Hill
SD-95-32	548681	5527594								Siderite Hill
SD-95-33	548693	5527581								Siderite Hill
SD-95-34	548693	5527581								Siderite Hill
SD-95-35	548693	5527581								Siderite Hill
SD-95-36	548693	5527581								Siderite Hill
SD-95-37	548714	5527570								Siderite Hill
SD-95-38	548714	5527570								Siderite Hill
SD-95-39	548729	5527556								Siderite Hill
SD-95-41	548760	5527520								Siderite Hill
SD-95-42	548746	5527540								Siderite Hill
SD-95-43	548780	5527504								Siderite Hill
SD-95-44	548780	5527504								Siderite Hill
SD-95-45	548799	5527489								Siderite Hill
SD-95-46	548799	5527489								Siderite Hill
SD-95-47	548823	5527476								Siderite Hill
SD-95-48	548823	5527476								Siderite Hill
1114-95-01	559610	5531725					360°	-50°	189. m	Sulphur Converting
1114-95-02	559617	5531298					180°	-50°	195. m	Sulphur Converting
1114-95-03	566463	5531384					180°	-60°	300. m	Sulphur Converting
1119-95-01	557078	5525446					360	-50	398 m	S Zones
1119-95-02	556927	5524792					020	-55	581 m	S Zones
1119-95-03	557035	5526147					360	-50	166 m	S Zones
1119-95-04	555810	5525668					030	-60	243 m	S Zones
1119-95-05	554571	5525365					030	-50	188 m	S Zones
1119-95-06	559423	5531053					180	-50	249 m	S Zones
1119-95-07	560517	5527447					116	-45	144 m	S Zones
1119-94-01	553692	5524588					360	-48	200 m	K-Zones
1119-94-02	555889	5524737					360	-55	304 m	K-Zones
1119-94-03	557850	5523807					090	-45	161 m	K-Zones
1119-94-04	553099	5523881					360	-45	152 m	K-Zones
1119-94-05A	552289	5523526					000	-45	34 m	K-Zones
1119-94-05	552289	5523526					000	-45	237 m	
1119-94-06	554897	5524103					360	-45	343 m	K-Zones
1119-94-07	554093	5524393					360	-51	371 m	K-Zones
1119-94-08	554700	5523801					360	-52	252 m	K-Zones
1119-94-09	554298	5523970					360	-58	280 m	T Zones
1119-94-10	554484	5525322					360	-45	233 m	K-Zones
1119-94-11	558632	5524002					090	-45	164 m	K-Zones
1119-94-12	552289	5523441					360	-45	398 m	K-Zones
1119-94-13	560572	5527120					300	-44	276 m	K-Zones
1119-94-14	562932	5525460					090	-48	212 m	K-Zones
1119-94-15	566058	5527170					360	-45	273 m	K-Zones
1119-94-16	560586	5525040					090	-45	171 m	K-Zones
1119-94-17	562919	5528398					300	-45	200 m	K-Zones
1119-94-18	554300	5523870					000	-46	208 m	T Zones (T-10)
1119-94-19	554220	5523909					000	-46	170 m	T Zones (T-10)
1119-94-20	554380	5523902					000	-46	176 m	T Zones (T-10)
1119-94-21	554140	5523907					000	-46	267 m	T Zones (T-10)
1119-93-01	562144	5529729					180°	-55°	382. m	Sulphur Converting
1119-93-02	561975	5529887					180°	-67°	633. m	Sulphur Converting
1119-93-03	562262	5529922					180°	-65°	62. m	Sulphur Converting
1119-93-04	562262	5529922					180°	-68°	579. m	Sulphur Converting
1119-93-05										Kokko Creek

BB 92-200				43711	32632		222	-50	907’	Bateman Bay
BB 92-201				43572	32745		222	-59	1002’	Bateman Bay
BB 92-202				43572	32745		222	-49	907’	Bateman Bay
BB 92-203				42217	33146		180	-50	956’	Bateman Bay
BB 92-204				41953	33218		189	-58	950’	Bateman Bay
BB 92-205				41710	33160		189	-57	925’	Bateman Bay
BB 92-206				42171	32018		009	-67	1607’	Bateman Bay
BB 92-207				41672	32094		009	-67	1997’	Bateman Bay
BB 92-208				43880	32720		222	-48	347’	Bateman Bay
GR-91-1										
GR-91-2										Grandroy
GR-91-3										Grandroy
GR-91-4										Grandroy
GR-91-5										Grandroy
GR-91-6										Grandroy
T-88-1	550343	5524709					020°	-45°	469 m	Shaft # 3
IM-88-2	559897	5527888		63015	31380	9220	315	-76	5983	Ile Marguerite
IM-87-1	559585	5527563		61921	30211	9241	315	-81	5096’	Ile Marguerite
										GM-46635
IM-01				62579	30640		000	-90	96’	
IM-02				61022	27805		000	-90	49’	
IM-03				60970	27770		048	-45	606’	
IM-04				60980	27798		220	-45	596’	
IM-05				60920	27720		220	-45	276	
IM-06				62575	30810		210	-45	500’	
IM-07				62580	30725		000	-90	5000’	
IM-08							135	-45	297	
F-1-87	548030	5527826								Shaft # 3
F-2-87	548405	5527751								Shaft # 3
F-3-87	548777	5527863								Shaft # 3
F-4-87	548407	5527697								Shaft # 3
F-5-87	548340	5527650								Shaft # 3
F-6-87	548345	5527644								Shaft # 3
S1-87-5	549087	5524887					030	-58	912 m	Shaft # 3
S1-87-8	548421	5525128		25272 E	22754 N		180	-60	398 m	Shaft # 3
S3-86-5	548859	5524776		26700 E	21507 N		200	-46	220 m	Shaft # 3
S3-86-6	548859	5524774		26700 E	21507 N		210	-65	487m	Shaft # 3
SHAFT#3	548848	5524596		26589 E	20953 N		360	-90	276 m	Merrill Island
BTC-83-1	545295	5532701								South of Berrigan
BTC-83-2	545119	5532493								South of Berrigan
BTC-83-4	544246	5531149								South of Berrigan
K-84-01	559650	5529795		62405	37720		352	-54	1353’	K-04
K-84-02	559442	5529183		61538	35720		035	-50	1112	K-01
K-84-03	559962	5528580		63179	33668		015	-45	1583’	K-03
K-84-04	559777	5529239		62775	35695		262	-50	799’	K-08
K-84-05	560187	5528586		63895	33668		017	-45	670’	K-03
K-84-06	559308	5529547		61130	36840		315	-45	677’	K-02
K-84-07	559431	5528573		61482	36885		045	-45	723’	MaxMin
K-84-08	559402	5529574		61465	36935		315	-45	997’	K Zones (K2)
AL-83-8	542060	5531035								South of Berrigan
K-83-1	559699	5527936		62053	31459		354	-50	1258’	T-1
K-83-2	558688	5528418		62059	33104		293	-50	742’	K Zones
K-83-3	559678	5528501		61952	33407		335	-50	826’	K Zones
GR-83-1982	559849	5531975					000	-45	493’	Sulphur Converting

SC-83-09ext	561774	5529770					184	-45	390.4m	Sulphur Converting
T-82-01				43678	24431	9215	045	-60	656’	MaxMin
T-83-01	554096	5524737		43798	21225	9215	045	-50	2297’	
T-83-02				45411	19727	9215	045	-50	737’	T-08
T-83-03				45635	19389	9215	045	-50	817’	T-08
T-83-04	553654	5524123		42389	19275	9215	045	-52	1583’	T-10
T-83-05	553397	5524178		41489	19368	9215	026	-53	2053’	T-10
T-83-06				42146	19587	9215	045	-55	1704’	T-10
T-83-07				42306	19362	9215	045	-55	1732’	T-10
T-83-08				42728	19033	9215	045	-56	1807’	T-10
T-83-09	554616	5524224		45491	19543	9215	045	-50	1343’	T-08
T-83-10	554510	5524379		45164	20053	9215	045	-50	1228’	T-08
T-83-11	554456	5524156		45023	19341	9215	045	-43	1487	T-08
T-84-01				45311	19062	9215	045	-50	1432’	T-08
T-84-02				42129	18991	9215	045	-55	2330’	T-10
T-84-03				45506	18991	9215	045	-50	1134	T-08
T-84-04				43269	21784	9215	045	-52	2871	
T-84-05				41779	19309	9215	045	-55	2627’	T-10
T-84-06				42093	19874	9215	045	-50	1637’	T-10
T-84-07				44992	19592	9215	045	-50	1547’	T-08
T-84-08				42730	18744	9215	045	-55	2617’	T-10
T-84-09				42659	22350	9215	045	-52	2847’	
T-84-10				42482	19415	9215	045	-50	1431’	
SC-83-1	564064	5529904					184	-45	987’	Mt Sorcier
SC-83-2	564099	5529902					184	-45	1047’	Mt Sorcier
SC-83-3	564129	5529901					184	-45	327’	Mt Sorcier
SC-83-4	564028	5529918					184	-45	1007’	Mt Sorcier
SC-83-5	564071	5529959					184	-46	577’	Mt Sorcier
SC-83-6	564007	5529943					184	-45	697’	Mt Sorcier
SC-83-7	564069	5530031					180	-49	1020’	Mt Sorcier
SC-83-8	563798	5529931					180	-45	577’	Mt Sorcier
SC-83-9	561774	5529770					180	-45	437’	Mt Sorcier
SC-83-10	562541	5529833					180	-46	446’	Mt Sorcier
SC-83-11	564741	5529999					180	-45	794’	Mt Sorcier
SC-83-12	565728	5530319					180	-45	707’	Mt Sorcier
SC-83-13	565365	5530310					180	-45	773’	Mt Sorcier
SC-83-14	564988	5529999					180	-53	1697’	Mt Sorcier
COR-W1	564064	5529848					184	-46	42’	Mt Sorcier
COR-W2	564070	5529844					184	-41	42’	Mt Sorcier
COR-W3	564081	5529847					184	-45	28’	Mt Sorcier
COR-W4	564089	5529843					184	-45	33’	Mt Sorcier
COR-W5	564094	5529835					184	-45	47’	Mt Sorcier
COR-W6	564050	5529853					184	-45	44’	Mt Sorcier
COR-W7	564034	5529853					184	-45	73’	Mt Sorcier
COR-W8	564017	5529858					184	-45	52’	Mt Sorcier
COR-W9	564002	5529856					184	-45	59’	Mt Sorcier
COR-W10	563989	5529856					184	-45	87’	Mt Sorcier
COR-W11	563971	5529856					184	-45	63’	Mt Sorcier
COR-W12	564113	5529845					184	-45	125’	Mt Sorcier
COR-W13	564078	5529831					094	-45	127’	Mt Sorcier
COR-W14	564059	5529820					094	-45	88’	Mt Sorcier
COR-W15	564085	5529758					313	-45	83’	Mt Sorcier
COR-W16	564084	5529805					147	-45	31’	Mt Sorcier
COR-W17	564044	5529844					147	-45	114’	Mt Sorcier
K-83-01				62053	31459		354	-50	1258’	
K-83-02				62059	33140		293	-50	742’	
K-83-03				61952	33407		335	-50	826’	
KD-83-01				58679	31882		045	-50	1287’	
KD-83-02				59556	31537		360	-50	647’	
KD-83-03				59132	31996		356	-50	887’	
KD-83-04				58850	31935	9215	356	-50	937	D

KD-83-05				51724	28556		347	-70	1638	A
KD-83-06				54120	27235		315	-45	1727	T-2 & H
KD-83-07				54412	26932		315	-45	1327’	
GR-82-1982	554182	5533899					180	-50	288’	Grandroy
K-82-01				59137	31752	9215	045	-52	647’	MaxMin
K-82-02				59004	31889	9215	045	-50	517’	MaxMin
K-80-03				59066	31684	9215	045	-65	1396’	MaxMin
S-3-1				51250	21965		315	-60	898’	S-03
S-3-2				52048	22000		030	-45	833’	S-03
CN-5-1				42120	23138		023	-36	1103	T-7
CN-5-2				42405	22955		039	-48	1110’	T-7
CN-5-3				42705	19720		039	-49	590’	T-10B
QC-18-1981							360°	-50°	2038’	Québec Chib
QC-19-1981							360°	-50°	2659’	Québec Chib
QC-25-1981							0°	-66.5°	2456’	Québec Chib
GR-78-1981										Grandroy
GR-79-1981										Grandroy
GR-80-1981										Grandroy
GR-81-1981										Grandroy
S3-81-1				51597	21999	9215	000	-57	997’	S-03
S3-81-2				51197	22001	9215	000	-60	1317’	S-03
S3-81-3				51001	21708	9215	000	-35	1456’	S-03
S3-81-4				50999	21472	9215	001	-56	1566’	S-03
S3-81-5				50782	21598	9215	000	-59	1425’	S-03
S3-81-6				50784	21399	-215	000	-59	1717’	S-03
S3-80-1				51597	21694		000	-50	900’	S-03
S3-80-2				51600	21616		000	-55	1285’	
S3-80-3				51395	21514		000	-50	870’	
S3-80-3A				51395	21586		000	-50	1269’	
S3-80-4				51193	21602		000	-55	1072’	
S3-80-5				51696	21668		000	-55	1191’	S-03
S3-80-6				51896	21915		000	-50	890’	
GR-68-1977	541134	5531015					360	-45	544’	Grandroy
GR-69-1977	556522	5533238					360	-45	367’	Grandroy
GR-70-1977	557155	5533695					180	-45	324’	Grandroy
GR-71-1977	559948	5534394					140	-45	287’	Grandroy
GR-72-1977	559990	5533674					315	-45	322’	Grandroy
GR-73-1977	558158	5531847					180	-45	411’	Grandroy
GR-74-1977	562675	5531333					180	-45	367’	Grandroy
GR-64-1976	560042	5533807					135	-45	266’	Grandroy
GR-65-1976	559295	5533942					135	-45	288’	Grandroy
GR-67-1976	559117	5533056					180	-45	218’	Grandroy
AL-7-1975	542041	5531155								
GR-75-1978	556038	5533456								
SC-74-1	561455	5529641					180	-46	462’	Sulphur Converting
SC-74-2	561881	5529613					180	-41	605’	Sulphur Converting
SC-74-3	562356	5529746					180	-40	1392’	Sulphur Converting
SC-74-4	562807	5529661					180	-41	803’	Sulphur Converting
T-361-1974	554053	5524113		43720	19164	9215	045	-47	300’	T-10 A
T-362-1974	554085	5524061		43826	18987	9215	045	-45	301’	T-15
T-363-1974	554567	5524037		45424	18888	9215	045	-45	304’	T-11

T-364-1974	554533	5524088		45310	19057	9215	045	-47	298’	T-11
T-365-1974	553750	5524196		42732	19448	9215	045	-45	300’	T-10
T-366-1974	552870	5524609					045	-48	300’	T-14
T-367-1974	554708	5523751		45880	17932	9215	045	-45	398’	T-11
T-368-1974	554522	5524098		45275	19092	9215	045	-45	298’	T-11
T-369A-1974	552846	5524950					045	-45	500’	T-Zones
T-370-1974	553932	5524209		43333	19483	9215	045	-45	300’	T-10
T-371-1974	553735	5524223		42686	19544	9215	045	-45	572’	T-Zones
T-372-1974	554524	5524057		45281	18959	9215	045	-50	400’	T-11
T-373-1974	553716	5524244		42619	19618	9215	045	-48	560’	T-Zones
T-374-1974	554518	5524075		45262	19010	9215	045	-55	453’	T-11
T-375-1974	554545	5524035		45352	18886	9215	045	-58	410’	T-11
T-376-1974	553730	5524215		42661	19518	9215	045	-75	366’	T-Zones
T-377-1974	553729	5524215		42661	19518	9215	045	-57	381’	T-Zones
T-378-1974	554564	5524016		45422	18817	9215	045	-55	403’	T-11
T-379-1974	553664	5524278		42448	19730	9215	045	-57	400’	T-Zones
T-380										
T-381				44790	19087	9214	000	-90	237’	
T-381 A				44790	19087	9214	000	-90	658’	
T-382				44040	18430	9214	000	-90	701’	
T-383				44110	18350	9214	000	-90	809’	
T-384				43370	17680	9214	000	-90	646’	
T-385				43300	17550	9214	000	-90	657’	
T-386				45600	19700	9214	000	-90	259’	
T-387-1974	553845	5524247		43039	19614	9215	225	-46	318	T-Zones
T-388-1974	553728	5524344		42662	19944	9215	045	-51	508’	T-Zones
T-389-1974	554561	5524050		45406	18940	9215	045	-58	314’	T-11
T-390-1974	554553	5524065		45380	18988	9215	045	-60	301’	T-11
T-391-1974	554513	5524088		45247	19064	9215	045	-50	353	T-11
T-392-1974	553613	5524355		42280	19986	9215	045	-45	319’	T-Zones
T-393-1974	554774	5524161		46102	19285	9215	045	-46	338’	T-08
T-394-1974	553632	5524333		42350	19915	9215	045	-45	228’	T-Zones
T-395-1974	554554	5524065		45380	18988	9215	045	-47.5	354’	T-11
T-396-1974	553656	5524313		42420	19844	9215	045	-45	480’	T-Zones
T-397-1974	553716	5524244		42619	19619	9215	045	-67	450’	T-Zones
T-398-1974	553750	5524196		42732	19448	9215	045	-74	555’	T-Zones
T-399-1974	553675	5524377		42493	20056	9215	045	-47	300’	T-Zones
T-400-1974	559587	5528026		62038	31860	9215	045	-47	254’	T-01
T-401-1974	553684	5524255		42511	19651	9215	045	-67	627’	T-10
T-402-1974	559568	5528053		61962	31928	9215	045	-47	380’	T-01
T-338-1973	557904	5527417		56400	29850		000	-45	538’	T-Zones
T-339-1973	558134	5527309		57150	29470		000	-45	497’	T-Zones
T-340-1973	557918	5526993		56400	28435		000	-45	443’	T-Zones
T-341-1973	557317	5526892		54400	28110		000	-45	504’	T-Zones
T-342-1973	557313	5527040		54400	28616	9215	180	-45	427’	T-Zones
T-343A-1973	557255	5527032		54200	28600		180	-45	101’	T-Zones
T-343B-1973	557256	5527031		54203	28592	9215	180	-45	327’	T-Zones
T-344-1973	557223	5527010		54097	28518		180	-45	187’	T-Zones
T-345-1973	557224	5527009		54097	28518		180	-90	198’	T-Zones
T-346-1973	554141	5524439		43992	20290	9215	225	-45	232’	T-09
T-347-1973	554075	5524283		43779	19784	9215	225	-45	202’	T-09
T-348-1973	557283	5527008		54300	28500		180	-45	227	T-Zones
T-349-1973	557377	5526961		54602	28346	9215	180	-45	328’	T-Zones
T-350-1973	557374	5527004		54599	28490	9215	180	-45	452’	T-Zones
T-351-1973	554091	5524058		43814	19054	9215	045	-45	205’	T-Zones
T-352-1973	557927	5526651		56396	27280	9215	000	-45	437’	T-Zones
T-353-1973	554170	5524444		44078	20305	9215	225	-45	205’	T-09
T-354-1973	557928	5526733		56400	27550	9215	180	-45	200’	T-02
T-355-1973	554090	5524565		43836	20700	9215	225	-45	207’	T-09
T-356-1973	554567	5524010		45356	18914	9215	045	-45	234’	T-Zones
T-357-1973	553771	5523913		42772	18567	9215	135	-45	363	T-09
T-358-1973	554068	5524080		43746	19123	9215	045	-45	351’	T-09
T-359-1973	554078	5524596		43792	20796	9215	223	-45	250’	T-Zones
T-360-1973	554563	5524041		45343	19016	9215	045	-45	301’	T-Zones
A-27-1973										

A-28-1973										
A-29-1973										
A-30A-1973										
6-C-163-73							233	000	974’	Copper Cliff (675)
1-OR-365-73				6650 E	2738 S		200	+51	120’	Copper Cliff (1000)
1-OR-366-73				6700 E	2657 S		200	+28	197’	Copper Cliff (1000)
1-OR-367-73				6700 E	2657 S		200	-15	272	Copper Cliff (1000)
1-OR-368-73				5492 E			236	000	178’	Copper Cliff (1000)
1-OR-369-73				5500 E			200	+41	150’	Copper Cliff (1000)
1-OR-370-73				5500 E			200	-30	184’	Copper Cliff (1000)
1-OR-371-73				5600 E			200	+50	124’	Copper Cliff (1000)
1-OR-372-73				5600 E			200	-33	129’	Copper Cliff (1000)
1-OR-380-73				5491 E	1800 S		260	000	151’	Copper Cliff (1000)
8-R-477-73				9400 E	2600 S		020	000	49	Copper Cliff (850)
8-R-478-73				9400 E			200	000	70’	Copper Cliff (850)
8-R-479-73				9432 E			112	000	129’	Copper Cliff (850)
8-R-489-73				9350 E			020	000	41’	Copper Cliff (850)
8-R-496-73				9671 E			020	000	398’	Copper Cliff (850)
8-R-497-73				9695 E			117	000	150’	Copper Cliff (850)
8-R-498-73				9681 E			200	000	173’	Copper Cliff (850)
24-P-1-73				4062 E			105	000	151’	Portage (2400)
24-P-2-73				3990 E	1144 S		161	000	166’	Portage (2400)
24-P-3-73				4000 E	1161 S		135	000	261’	Portage (2400)
24-P-4-73				4009 E	1158 S		075	000	273’	Portage (2400)
24-P-6-73				33896 E			041	000	361’	Portage (2400)
24-P-9-73				3810 E			135	000	101’	Portage (2400)
24-P-10-73				3810 E			315	000	50’	Portage (2400)
8-R-466				7150 E			200	000	104’	Copper Cliff (850)
8-R-468-73				6950 E			020	+45	97’	Copper Cliff (850)
8-R-469-73				7000 E			020	+50	82’	Copper Cliff (850)
8-R-470-73				7110 E			200	000	104’	Copper Cliff (850)
8-R-471-73				6950 E			200	-45	92’	Copper Cliff (850)
8-R-473-73				7000 E			200	-43	114’	Copper Cliff (850)
8-R-491-73				7150 E			200	-36	104’	Copper Cliff (850)
8-R-493-73				7200 E			200	000	106’	Copper Cliff (850)
8-R-494-73				7200 E			020	000	52’	Copper Cliff (850)
8-R-495-73				7250 E			200	000	125’	Copper Cliff (850)
8-R-505-73				7299 E			200	000	71’	Copper Cliff (850)
24-R-61-73				5650 E			020	000	179’	Portage (2400)
24-R-65-73				5400 E			020	000	85’	Portage (2400)
24-R-65-73				5400 E			EXT		185’	Portage (2400)
24-R-76-73				5350 E			020	000	96’	Portage (2400)
24-R-78-73				34845 E	26892 N		020	000	96’	Portage (2400)
24-R-83-73				34925 E	26819 N		020	-40	127’	Portage (2400)
24-R-84-73				5400 E			020	+25	193’	Portage (2400)
24-R-104-73				5500 E			020	000	172’	Portage (2400)
24-R-108-73				5550 E			020	000	276’	Portage (2400)
24-R-109-73				5500 E			020	+26	184’	Portage (2400)
24-R-112-73				5500 E			020	-30	141’	Portage (2400)
9-C-143-73				3539 E			191	000	120’	Copper Cliff (975)
9-C-144-73				3537 E			161	000	151’	Copper Cliff (975)
9-C-145-73				3540 E			140	000	167’	Copper Cliff (975)
9-C-154-73				3356 E	1667 S		234	000	422’	Copper Cliff (975)
9-C-155-73				3420 E	1748 S		226	000	502’	Copper Cliff (975)
9-C-156-73				3482 E	1828 S		214	000	473’	Copper Cliff (975)
GR-57-1972	559321	5531558					180	-45	557’	
GR-58-1972	559384	5531497					180	-45	530’	
GR-59-1972	559667	5531450								

R-146-1970	554465			45320	32690		180	-45	406’	Bateman Bay
K-22-1970	558570	5530766					315	-45	596’	Grandroy
K-23-1970	558728	5530784					315	-45	646’	
K-24-1970	558867	5530818					315	-45	571’	
K-25-1970	558832	5530828					225	-45	625’	
S-3/1	556552	5524935								S Zone
S-3/2	556307	5524913								S Zone
T-8/1	554708	5524433		45875	20189	9215	225	-50	965’	T-08
T-8/2	554697	5524316		45840	19806	9215	045	-45	528’	T-08
T-9/1	554117	5524607		43945	20790	9215	225	-72	1011’	T-09
T-9/2	554062	5524640		43770	20900	9215	225	-80	1028’	T-09
T-9/3	554051	5524714		43726	21148	9215	225	-50	726’	T-09
T-9/4	554094	5524672		43870	20005	9215	225	-80	382’	T-09
T-9/4A	554099	5524677		43885	21020	9215	225	-80	1198’	T-09
T-9/5	554182	5524631		44158	20880	9215	205	-60	1085	T-09
9B-11 (U)-69				10600E			200	000	53’	Jaculet (level 900)
9B-14 (U)-69				10700E			020	000	147’	Jaculet (level 900)
9B-15 (U)-69				10800 E			020	000	147’	Jaculet (level 900)
9B-16 (U)-69				10800 E			200	000	152’	Jaculet (level 900)
9B-27 (U)-69				10600 E			020	000	152’	Jaculet (level 900)
9B-31 (U)-69				10400 E			020	000	51’	Jaculet (level 900)
9B-41 (U)-69				10500 E			200	000	300’	Jaculet (level 900)
9B-42 (U)-69				10400 E			200	000	149’	Jaculet (level 900)
9B-50 (U)-70				11400 E			200	+20	92’	Jaculet (level 900)
9B-51 (U)-70				11350 E			200	+45	179’	Jaculet (level 900)
9B-56 (U)-70				11300 E			200	+48	200’	Jaculet (level 900)
9B-57 (U)-70				11250 E			200	+45	161’	Jaculet (level 900)
9B-58 (U)-70				10100E			020	000	54’	Jaculet (level 900)
9B-61 (U)-70				10050 E			020	000	58’	Jaculet (level 900)
9B-62 (U)-70				10150 E			020	000	50’	Jaculet (level 900)
9B-64 (U)-70				10075 E			020	000	62’	Jaculet (level 900)
9B-65 (U)-70				10125 E			020	000	72’	Jaculet (level 900)
9B-66 (U)-70				11325 E			164	000	201’	Jaculet (level 900)
K-306-1968	547788	5525938								Kokko Creek
K-307-1968	547813	5525920								Kokko Creek
K-308-1968	547837	5525903								Kokko Creek
K-309-1968	547856	5525877								Kokko Creek
K-310-1968	547873	5525847								Kokko Creek
K-311-1968	547915	5525814								Kokko Creek
K-312-1968	547800	5526001								Kokko Creek
T-9-1-1968										T-9 ZONE
T-9-2-1968										T-9 ZONE
T-308-1968				56667	30970	9214	000	-90	658’	T-02
T-309-1968				57070	31120	9214	000	-90	572’	T-02
T-310-1968				57180	31122	9214	000	-90	515’	T-02
T-311-1968				57180	31122	9214	000	-90	515	T-04
T-312-1968				52772	25812	9214	315	-48	749’	T-04
G-16-1968	557708	5531503		15854 E	12795 N	4968.4	270	-36	452’	GRANDROY
G-17-1968	557679	5531414		15746 E	12497 N	4948.1	360	-90	372	GRANDROY
G-18-1968	557708	5531413					360	-90	457’	GRANDROY
G-19-1968	557666	5531415								GRANDROY
G-20-1968	557678	5531326		15727 E	12202 N	4909.7	360	-90	389’	GRANDROY
G-21-1968	557801	5531530								GRANDROY
G-22-1968	557463	5531535		14968 E	12906 N	5000.5	360	-90	321’	GRANDROY
G-23-1968	557401	5531423		14725 E	12524 N	4964.3	003	-46	358’	GRANDROY
G-24-1968	557400	5531458		14729 E	12645 N	4994.4	189	-45	590’	GRANDROY
G-25-1968	557348	5531470		14536 E	12687 N	4988.4	004	-47	348’	GRANDROY
G-26-1968	557295	5531473		14345 E	12699 N	4981.3	002	-47	347’	GRANDROY

K-16-1967	547145	5511960		61278	36270	9215	000	-90	555’	K-01
K-17-1967	559600	5529611		62770	37612	9215	315	-45	946’	K-04
K-18-1967	559729	5529739		63045	37900	9215	315	-45	545’	K-04
K-19-1967	559673	5529708		62440	37385	9215	000	-90	552’	K-04
K-20-1967	559888	5530012		63170	38335	9215	000	-90	605’	K-04
K-21-1967	560615	5528806		65440	34375	9215	000	-90	625’	K-06
SC-1-1967	561201	5529314								K-Zones
SC-3-1967	561343	5529697								K-Zones
T-329-1967	553113	5525362		40915	23109	9215	000	-90	432’	T-12
T-330-1967	553137	5525334		41075	23750	9215	000	-90	522’	T-12
T-331-1967	553005	5525388		40400	23795	9215	315	-45	334’	T-12
T-332				52756	29489	9215	000	-90	341’	
T-333				52756	29348	9215	000	-90	395’	
T-334				52913	29207	9215	000	-90	365’	
T-335				53056	29208	9213	000	-90	455’	
T-336				53057	29067	9213	000	-90	469’	
T-337				54074	29074	9213	000	-90	850’	
FN-46-1966	562577	5529369								
FN-48-1966	562580	5529337								
FN-50-1966	562577	5529402								
FN-54-1966	562576	5529432								
FN-55-1966	562097	5529365								
FN-60-1966	562578	5529469								
FN-62-1966	562097	5529390								
FN-65-1966	562096	5529425								
FN-67-1966	562119	5529484								
FN-68-1966	561717	5529599								
FE-22-1966	564103	5529431								
FE-23-1966	564107	5529354								
FE-31-1966	564844	5528253								
FE-24-1966	564330	5529659								
FE-25-1966	564330	5529613								
FE-26-1966	564791	5529683								
FE-27-1966	564790	5529726								
FE-28-1966	563084	5529238		2800 E	175 N		360	090	325’	MT Sorcier
FE-29-1966	563090	5529349		2088 E	500 N		360	-90	1067’	MT Sorcier
FE-30-1966	563085	5529301		2800 E	350 N		360	-90	675’	MT Sorcier
FE-32-1966	565143	5528291		9200 E	450 N		180	-45	961’	MT Sorcier
FE-33-1966	565338	5528123		100 E	115 S		360	-90	603’	MT Sorcier
FE-34-1966	565338	5528289		100 E	290 N		360	-90	459’	MT Sorcier
FE-35-1964	565772	5528210		11400 E	050 S		360	-90	437’	MT Sorcier
FE-36-1966	565742	5528226		11400 E	050N		360	-90	607’	MT Sorcier
FE-37-1966	565737	5528271		11400 E	150 N		360	-90	615’	MT Sorcier
FE-38-1966	565739	5528317		11400 E	258 N		360	-90	636’	MT Sorcier
FE-40-1966	563083	5529388		2800 E	650 N		360	-90	1108’	MT Sorcier
FS-41-1966	563634	5527997		11400 E	040 N		360	-90	607’	MT Sorcier
FS-42-1966	536636	5527952		4400 E	060 N		360	-90	601’	MT Sorcier
FS-43-1966	563639	5527907		14400 E	160 S		360	-90	657’	MT Sorcier
FS-44-1966	563639	5527861		14400 E	260 S		360	-90	610’	MT Sorcier
FS-45-1966	564138	5528051		16000 E	100 S		360	-90	584’	MT Sorcier
FS-47-1966	564137	5528096		6000 E	BL		360	-90	570’	MT Sorcier
FS-49-1966	564132	5528145		6000 E	095 N		360	-90	274’	MT Sorcier
FS-51-1966	564141	5528010		6000 E	200 S		360	-90	606’	MT Sorcier
FS-52-1966	564140	5527963		6000 E	300 S		360	-90	606’	MT Sorcier
FS-53-1966	565968	5528311		12100 E	340 N		360	-90	450’	MT Sorcier
FS-56-1966	564143	5527915		6000 E	400 S		360	-90	576’	MT Sorcier
FS-57-1966	564400	5528034		6800 E	220 S		360	-90	477’	MT Sorcier
FS-58-1966	565964	5528356		12100 E	440 N		360	-90	475’	MT Sorcier
FS-59-1966	564662	5528071		7600 E	120 N		360	-90	571’	MT Sorcier
FS-61-1966	565965	5528266		12100 E	240 N		360	-90	556’	MT Sorcier
FS-63-1966	565965	5528399		12100 E	540 N		360	-90	56’	MT Sorcier

FS-64-1966	565578	5528249		10800 E	200 N		360	-90	347’	MT Sorcier
FS-66-1966	565578	5528296		10800 E	300 N		360	-90	296’	MT Sorcier
FS-69-1966	565266	5528143		9600 E	060 S		360	-90	384’	MT Sorcier
S-32-1966	556595	5524904		51870	22203		360	-90	827’	S-03
S-33-1966	556634	5524941		51800	22265		360	-90	881’	S-03
S-34-1966	556620	5524858		51800	22135		360	-90	990’	S-03
S-35-1966	556527	5524890		51725	22200		000	-90	952’	S-03
S-36-1966	556753	5524879		51955	22140		000	-90	1022’	S-03
S-37-1966	556462	5524935		51665	22250		000	-90	827’	S Zones
S-38-1966	553757	5524816		51878	22060		000	-90	1250’	S Zones
S-39-1966	556383	5524980		51600	29310		000	-90	922’	S Zones
S-40-1966	556379	5524828		51590	22045		000	-90	1288’	S Zones
T-313-1966	553767	5524388		42985	20165	9215	225	-47	875’	T-10
T-314-1966	553718	5524343		42838	9980	9215	225	-46	716’	T-10
T-315-1966	553823	5524253		43160	19735	9215	225	-45	700’	T-10
T-316-1966	553845	5524105		43269	19280	9215	045	-45	539’	T-10
T-317-1966	554671	5525342		45782	23480	9215	315	-45	480’	T-06
T-318-1966	554002	5524544		43770	20680	9215	315	-45	493’	T-09
T-319-1966	553969	5524582		43655	20790	9215	000	-90	428’	T-09
T-320-1966	554123	5525485		43970	21875	9215	315	-45	616’	T-07
T-321-1966	553955	5524581		43580	20795	9215	000	-90	848’	T-09
T-322-1966	553962	5524571		43618	20760	9215	000	-90	548’	T-09
T-323-1966	553979	5524570		43690	20760	9215	000	-90	474’	T-09
T-324-1966	554037	5524508		43860	20585	9215	000	-90	763.6	T-09
T-325-1966	553961	5524585		43618	20830	9215	000	-90	716’	T-09
T-326-1966	553964	5524589		43690	20795	9215	000	-90	536’	T-09
T-327-1966	553974	5524585		43655	20829	9215	000	-90	962’	T-09
T-328-1966	553936	5524540		43540	20690	9215	045	-45	158’	T-09
G-01-1966	557493	5531456					270	-40	144’	GRANDROY
G-02-1966	557485	5531473					270	-40	113.5’	GRANDROY
G-03-1966	557505	5531474					270	-40	172’	GRANDROY
G-04-1966	557490	5531440					270	-40	140’	GRANDROY
G-05-0966	557503	5531439					270	-40	225’	GRANDROY
G-06-1966	557509	5531422					270	-40	219’	GRANDROY
G-07-1966	557481	5531421					270	-40	177’	GRANDROY
G-08-1966	557487	5531403					270	-40	145’	GRANDROY
G-09-1966	557500	5531407					270	-40	215’	GRANDROY
G-10-1966	557505	5531392					270	-40		GRANDROY
G-11-1966	557509	5531491					270	-40	276’	GRANDROY
G-12-1966	557486	5531485					270	-40	173’	GRANDROY
G-13-1966	557485	5531495					270	-40	133’	GRANDROY
G-14-1966	557506	5531505					270	-40	277’	GRANDROY
G-15-1966	557487	5531532					270	-40	156’	GRANDROY
K-1-1965	545301	5530536								
K-2-1965	545282	5530529								
K-3-1965	545266	5530525								
K-4-1965	543947	5530524								
K-5-1965	543809	5530515								
K-6-1965	543742	5530499								
K-7-1965	543673	5530487								
FE-2-1965	564342	5528151					360	-90	436’	Roycam
FE-3-1965	564347	5528113					360	-90	507’	Roycam
FE-4-1965	564348	5527966					360	-90	501’	Roycam
FE-5-1965	564347	5527848					360	-40	1124’	Roycam
FE-6-1965	563837	5528031					360	-90	550’	Roycam
FE-7-1965	563837	5527982					360	-90	550’	Roycam
FE-8-1965	563841	5527938					360	-90	554’	Roycam
FE-9-1965	563840	5527850					360	-90	499’	Roycam
FE-10-1965	563358	5527937					360	-90	460’	Roycam
FE-11-1965	563349	5527933					360	-45	650’	Roycam

FE-12-1965	563352	5527914					360	-90	595’	Roycam
FE-13-1965	563837	5528077					360	-90	645’	Roycam
FE-14-1965	564838	5528209					360	-90	550’	Roycam
FE-15-1965	564841	5528165					360	-90	532’	Roycam
FE-16-1965	564843	5528111					360	-90	500’	Roycam
FE-17-1965	565307	5528254					360	-90	500’	Roycam
FE-18-1965	565315	5528206					360	-90	500’	Roycam
FE-19-1965	563565	5529436					360	-90	747’	Roycam
FE-20-1965	563569	5529396					360	-90	504’	Roycam
FE-21-1965	563573	5529353					360	-90	728’	Roycam
BT-65-1	548504	5527832								Québec Chiboug.
BT-65-2	548530	5527858								Québec Chiboug.
QP-6-1965	548449	5526534								Québec Chiboug.
QP-7-1965	548500	5526331								Québec Chiboug.
R-117-1965	549428	5526183								Québec Chiboug.
R-118-1965	549363	5526141								Québec Chiboug.
R-119-1965	549392	5526137								Québec Chiboug.
R-120-1965	549386	5526214								Québec Chiboug.
R-121-1965	549334	5526210								Québec Chiboug.
R-122-1965	550370	5526001								Québec Chiboug.
S-19-1965				50330	25190		000	-90	516’	T-05
S-20-1965				50770	25025		000	-90	581’	T-05
S-21-1965				52314	24577		000	-90	509’	S1-ZONE
S-22-1965				52419	24470		000	-90	524’	S1-ZONE
S-23-1965				52525	24365		000	-90	621	S3 ZONE
S-24-1965				51832	21659		315	-45	977’	S1-ZONE
S-25-1965				52382	23941		315	-45	841’	S1-ZONE
S-26-1965				52209	21846		315	-45	786’	S3 ZONE
S-27A-1965				52808	23515		315	-45	128’	S2 ZONE
S-27-1965				52808	23515		315	-45	857’	S ZONE
S-28-1965				51660	22113		000	-90	596’	S3 ZONE
S-29-1965				52103	22236		000	-90	659’	S3 ZONE
S-30-1965				51896	22222		000	-90	657	S3 ZONE
S-31-1965				518889	22324		000	-90	536’	S3 ZONE
M-01	553402	5528339		60932	27605		360	-45	750’	
M-02	553499	5528329		61140	28619		180	-45	155’	
M-03				62033	28702		180	-45	995’	
M-04				62440	28260		180	-45	873’	
M-05				62860	28225		180	-45	788’	
M-06				62805	29148		180	-50	894’	
M-07				63770	28425		180	-55	957’	
M-08							180	-50	618’	
M-09				61340	29150		180	-46	1056’	
M-10				61549	28815		180	-45	96’	
M-10 A				61549	28815		180	-45	783’	
M-11				62110	27495		360	-45	1036’	
M-12				64089	28409		114	-50	934’	
M-13				64065	28025		114	-45	669’	
M-14				65405	27965		073	-45	1103’	
P-1-1963	545066	5531561								South of Berrigan
P-2-1963	545115	5531554								South of Berrigan
P-3-1963	545154	5531535								South of Berrigan
P-4-1963	543977	5531398								South of Berrigan
P-5-1963	543479	5531217								South of Berrigan
P-6-1963	543234	5531183								South of Berrigan
P-7-1963	543250	5531149								South of Berrigan
P-8-1963	543652	5531369								South of Berrigan
P-9-1963	543700	5531360								South of Berrigan
P-10-1963	545450	5530738								South of Berrigan
P-11-1963	545623	5531288								South of Berrigan

P-12-1963	544305	5530994								South of Berrigan
P-13-1963	545758	5531397								South of Berrigan
P-14-1963	543690	5530871								South of Berrigan
P-15-1963	544470	5529157								South of Berrigan
P-16-1963	543894	5530948								South of Berrigan
QP-1-1963	547820	5527216								Québec Chibouga.
QP-2-1963	547589	5527048								Québec Chibouga.
QP-3-1963	548922	5526974								Québec Chibouga.
QP-4-1963	548873	5526993								Québec Chibouga.
147-8-1962	556637	5533054								Grandroy
P-246-1961	559265	5528797								Gm-11696
R-100-1961	553483	5526781								Other drill holes U
R-101-1961	549186	5526149								
R-96-1961	549124	5526151								
R-97-1961	550357	5525993								
R-98-1961	548882	5526147								
R-99-1961	553484	5526715								
BC-1-1959	547982	5527674								GM-06448-B
BC-2-1959	547923	5527530								
GG-1-1958	551136	5531420								GM-06448-C
S-7-1958	556902	5525712		53090	24208		340	-75	485’	S-01
S-8-1958	556844	5525727		52888	24238		000	-73.5	379’	S-01
S-9-1958	555981	5525767		50136	24385		015	-60	584’	T-05
S-10-1958	556055	5525745		50136	24310		015	-64	503’	T-05
S-11-1958	557053	5524950		53560	21762		215	-70	425’	S-02
S-12-1958	556894	5524905		53031	21655		020	-50	327’	S-02
S-13-1958	556907	5524973		53105	21850		200	-51	181’	S-02
S-14-1958	557964	5523896					270	-60	592’	S-05
S-15-1958	557877	5523728					090	-62	253’	S-05
S-16-1958	557968	5523836					090	-50	368’	S-05
S-17-1958	556527	5524933		51813	22176		015	-50	358’	S3 ZONE
S-18-1958	556279	5524942		51049	22000		015	-50	358’	S3 ZONE
M-9-1958	559408	5527208								Ile Marguerite
M-10A-1958	559532	5527083								Ile Marguerite
M-11-1958	559924	5526692								Ile Marguerite
M-12-1958	560264	5527015								Ile Marguerite
M-13-1958	560647	5526857								Ile Marguerite
M-14-1958	560287	5526926								Ile Marguerite
T-167				54075	30090	9215	000	-90	450’	T-02
T-168				54878	31850	9215	315	-58	467’	T-02
T-169				54878	31850	9215	000	-90	544’	T-02
T-170				54690	31820	9215	000	-90	410’	T-02
T-171				54690	31689	9215	000	-90	459’	T-02
T-172				54690	31689	9215	315	-60	362’	T-02
T-173				54823	32958	9215	000	-90	609’	T-02
T-174				55295	32280	9215	000	-90	380’	T-02
T-175				54750	31749	9215	000	-90	445’	T-02
T-176				54545	31689	9215	000	-90	483’	T-02
T-177				55760	32725	9215	000	-90	600’	T-02
T-178				55395	32958	9215	000	-90	534’	T-02
T-179									747’	T-02
T-180				54545	32958	9215	000	-90	597’	T-02
T-181				56514	32780	9215	000	-90	1352’	T-02
T-182 B				54975	32100	9215	000	-90	700’	T-02
T-182 C				54975	32100	9215	000	-90	781’	T-02
T-183				54545	31375	9215	000	-90	619’	T-02

T-184				55395	32380	9215	000	-90	755’	T-02
T-185				56379	32675	9215	000	-90	1883’	T-02
T-186				54400	31535	9215	000	-90	650’	T-02
T-187				56235	32253	9215	000	-90	1667’	T-02
T-188				54675	31258	9215	000	-90	803’	T-02
T-189				55955	32253		000	-90	1079’	T-02
T-190				55110	32958	9215	000	-90	557’	T-02
T-191				55955	31671	9215	000	-90	766’	T-02
T-192				55681	32250	9215	000	-90	771’	T-02
T-193				54823	32395	9215	000	-90	841’	T-02
T-194				56522	32253	9215	000	-90	2001’	T-02
T-195				55672	32253		000	-90	687’	T-02
T-196				55390	32958	9215	000	-90	762’	T-02
T-197				56235	32255	9215	000	-90	1235	T-02
T-198				55395	31671	9215	000	-90	975	T-02
T-199				55105	31395	9215	000	-90	1037’	T-02
T-200				55955	32250	9215	000	-90	932’	T-02
T-201				55672	31968	9215	000	-90	808’	T-02
T-202				55680	31682	9215	000	-90	1086’	T-02
T-203				55389	31400	9215	000	-90	1093’	T-02
T-204				55955	31968	9215	000	-90	1264’	T-02
T-205				55670	31400	9215	000	-90	1502’	T-02
T-206				56801	32532	9215	000	-90	1627	T-02
T-207				55955	31682	9215	000	-90	1247’	T-02
T-208				56520	32250	9215	000	-90	1387’	T-02
T-209				55110	31115	9215	000	-90	1303’	T-02
T-210				56240	31968	9215	000	-90	1512’	T-02
T-211				55389	31120	9215	000	-90	1294’	T-02
T-212				55810	30692	9215	000	-90	610’	T-02
T-213				54260	31398	9215	000	-90	394’	T-02
T-214				55390	32539	9215	000	-90	458’	T-02
T-215				56095	30415	9215	000	-90	1201’	T-02
T-216				52690	29295	9215	000	-90	705’	T-02
T-217				53695	29590	9215	000	-90	537’	T-02
T-218				52390	28760	9215	000	-90	915’	T-02
T-219				58439	31760	9215	000	-90	915’	T-02
T-220				57770	31564	9215	000	-90	526’	T-02
T-221				51935	28370	9215	000	-90	845’	T-02
T-222				56240	32365	9215	000	-90	509’	T-02
T-223				56310	30770	9215	000	-90	441’	T-02
T-224										
T-225				57865	31754	9215	000	-90	468’	T-02
T-226				60903	36634	9215	316	-50	602’	K-01
T-227				61345	35910	9215	315	-55	574’	K-01
T-228				61328	37057	9215	313	-50	587’	K-01
T-229				61609	37017	9215	356	-50	381	K-01
T-230				61609	37014	9215	000	-90	369’	K-01
T-231				61411	37936	9215	342	-50	381’	K-02
T-232				63009	38231	9215	341	-65	686’	K-02
T-233				62515	38175	9215	014	-65	672’	K-02
T-234				64787	41229	9215	329	-50	708’	
T-235				64313	41560	9215	149	-50	461	T-02
T-236				61448	36922	9215	002	-60	330’	K-01
T-237				64242	36014	9215	316	-55	342’	K-01
T-238				58995	32099	9215	331	-55	588’	
T-239				57800	32400	9215	000	-90	350’	
T-240				56800	32400	9215	000	-90	408’	
T-241				56804	32103	9215	004	-70	590’	
T-242				57000	32355	9215	000	-90	402’	
T-243				57199	32149	9215	004	-70	524’	
T-244				56702	32367	9215	000	-90	459’	
T-245										
T-246										
T-247										
T-248										
T-249										
T-250										

T-251										
T-252										
T-253										
T-254										
T-255				53393	30139	9214	314	-90	226’	
T-256										
T-257 A							315	-50	135’	
T-257 B				53494	30109	9214	315	-60	303’	
T-258				53476	30199	9214	315	-60	249’	
T-259				53530	30143	9214	315	-60	277’	
T-260				53538	30205	9214	315	-60	258’	
T-261				53604	30140	9214	045	-60	279’	
T-262				56453	27511	9215	290	-50	1207’	
T-263				56797	28571	9215	316	-49	1363’	T-02
T-264							135	-60	777’	
T-265				56649	29758	9215	189	-50	800’	T-02
T-266				55703	30754	9215	000	-90	663’	T-02
T-267				56663	29083	9215	000	-90	601’	T-02
T-268				55900	30780	9215	000	-90	469’	T-02
T-269				58948	31225	9215	002	-50	453’	
T-270				55829	28695	9215	000	-90	517’	
T-271				55149	30784	9215	000	-90	1511’	
T-272				58941	31066	9215	000	-71	744’	
T-273				56845	24401	9215	183	-59	713’	T-02
T-274				53590	30227	9214	315	-60	200’	
T-275				53663	30154	9214	316	-64	274’	
T-276				53670	30219	9214	315	-60	232’	
T-277				53727	30161	9214	318	-65	274’	
T-278				53768	30192	9214	315	-64	259’	
T-279				55394	30835	9215	000	-90	1213’	
T-280				58816	31998	9215	329	-50	721’	
T-281				53572	34060	9215	000	-90	643’	
T-282				57205	29579	9215	000	-90	817’	K-03
T-283				55906	32586	9186	000	-90	79’	
T-284										
T-285										
T-286										
T-287										
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T-301										
T-302										
T-303										
T-304										
T-305										
T-306										
T-307										
1-1957	563553	5529465					180	-45	998’	Roycam
2-1957	563547	5529520					180	-45	345’	Roycam
3-1957	563423	5529413					180	-45	250’	Roycam
4-1957	564274	5529711					180	-45	347’	Roycam
5-1957	564265	5529922					180	-45	619’	Roycam
6-1957	564905	5529286					180	-45	397’	Roycam

JO-1-1957				15525 E	17371 N		035	-45	998’	Chib-Kayrand
JO-2-1957				15288 E	17330 N		210	-45	1011’	Chib-Kayrand
JO-3-1957				18390 E	18651 N		341	-45	534’	Chib-Kayrand
JO-4-1957				18390 E	18696 N		180	-45	704’	Chib-Kayrand
JO-5-1957				18065 E	19850 N		181	-45	1019’	Chib-Kayrand
CK-59-1957				8370	7970	9214	030	-45	361’	Chib-Kayrand
CK-60-1957				8532	8069	9229	209	-45	377’	Chib-Kayrand
CK-61-1957				10066	8366	9249	210	-45	1013’	Chib-Kayrand
CK-62-1957				21252	14630	9215	030	-45	850’	Chib-Kayrand
CK-63-1957				15102	13875	9209	030	-45	754’	Chib-Kayrand
CK-64-1957				20080	13241	9209	030	-45	613’	Chib-Kayrand
CK-65-1957				16899	16518	9209	030	-45	810’	Chib-Kayrand
CK-66-1957				16295	12345	9209	030	-45	625’	Chib-Kayrand
CK-67-1957				14765	16850	9209	210	-45	902’	Chib-Kayrand
CK-68-1957				14085	13310	9209	210	-45	503’	Chib-Kayrand
CK-69-1957				17382	17711	9209	210	-50	1039’	Chib-Kayrand
CK-70-1957				15285	16545	9209	210	-45	906’	Chib-Kayrand
CK-71-1957				17230	17665	9209	210	-80	656’	Chib-Kayrand
CK-72-1957				20220	20980	9209	210	-80	738’	Chib-Kayrand
CK-73-1957				20045	20675	9209	030	-70	409’	Chib-Kayrand
CK-74-1957				19860	21150	9214	210	-70	626’	Chib-Kayrand
CK-75-1957				19735	21730	9229	210	-50	1200’	Chib-Kayrand
CK-76-1957				20025	21455	9218	210	-70	1000’	Chib-Kayrand
CK-77-1957				18380	22575	9375	210	-43	1298’	Chib-Kayrand
CK-78-1957				19254	21717	9235	210	-59	1206’	Chib-Kayrand
CK-79-1957				18617	22203	9297	210	-58	1091’	Chib-Kayrand
CK-80-1957				20105	21750	9213	210	-74	1896’	Chib-Kayrand
CK-81-1957				9230	6875	9230	210	-45	1017’	Chib-Kayrand
CK-82-1957				8530	5640	9229	030	-45	954’	Chib-Kayrand
CK-83				2435	1925	9209	000	-90	583’	
CK-84				2400	1840	9209	000	-90	489’	
CK-85				2475	2035	9209	000	-90	399’	
CK-86				3335	3735	9209	198	-45	696’	
CK-87				3135	31165	9209	018	-45	454’	
CK-88				2210	1905	9209	022	-45	702’	
CK-89				2365	2330	9209	022	-46	640’	
CK-90				3713	4776		200	-45	300’	
CK-91				610	4821		200	-45	354’	
CK-92				3494	4787		200	-45	308	
CK-93				3569	5001		200	-45	399’	
66C-1957	554152	5528056								Bateman Bay
67A-1957	554126	5528220								Bateman Bay
68C-1957	554234	5528147								Bateman Bay
69D-1957	554515	5528182								Bateman Bay
70-1957	553851	5528209								Bateman Bay
71-1957	554303	5528229								Bateman Bay
72-1957	554066	5528268								Bateman Bay
73-1957	553741	5528271		8315	10305	10000	222	-45	1005’	Bateman Bay
74-1957	554169	5528387		9713	10665	10000	222°	-49°	796’	Bateman Bay
75-1957	553629	5528329		7952	10498	10000	222°	-45°	805’	Bateman Bay
76-1957	554413	5528666		10515	11558	10000	042°	-45°	697’	Bateman Bay
77-1957	554322	5528745		10216	11824	10000	042°	-43.5°	717’	Bateman Bay
78-1957	553843	5528386		8650	10678	10000	222°	-45°	841’	Bateman Bay
79-1957	553954	5528329		9015	10485	10000	222°	-45°	1250’	Bateman Bay
80-1957	554170	5528757		9715	11865	10000	042°	-45°	923’	Bateman Bay
81-1957	554413	5528665		10515	11558	10000	042°	-58°	861’	Bateman Bay
82-1957	554430	5528732		10574	11775	10000	042°	-45°	392’	Bateman Bay
83-1657	553791	5528880		8490	12292	10000	042°	-45°	1385’	Bateman Bay
84-1957	553456	5528315		7382	10463	10000	222°	-45°	918’	Bateman Bay
85-1957	553559	5528432		7718	10835	10000	222°	-45°	770’	Bateman Bay
86-1957	553690	5528766		8157 E	11920 N	10000	042°	-45°	905’	Bateman Bay
87-1957	5542239	5528834		9949 E	12125 N		042°	-45°	797.5’	Bateman Bay
88-1957	554474	5528692		10721 E	11640 N	10000	042°	-45°	856’	Bateman Bay
89-1957	554497	5528671		11571 E	10796 N	10000	042°	-48.5°	636’	Bateman Bay
90-1957	553648	5528723		8022 E	11773 N	10000	072°	-47.5°	573’	Bateman Bay

91-1957	554927	5528332		12202 E	10439 N	10000	042°	-45°	764’	Bateman Bay
92-1957	553640	5528524		8050 E	11208 N	10000	222°	-45°	796’	Bateman Bay
93-1957	555177	5527348		13000 E	7200 N	10000	360°	-90°	440’	Bateman Bay
94-1957	553552	5528242		7698 E	10213 N	10000	222°	-45°	519’	Bateman Bay
95-1957	553506	5528283		7549 E	10347 N	10000	222°	-45°	648’	Bateman Bay
96-1957	554454	5529079		10650 E	12910 N	10000	222°	-45°	825’	Bateman Bay
97-1957	554315	5528829		10200 E	12105 N	10000	042°	-45°	482’	Bateman Bay
100-1957	553621	5528303		7928 E	10412 N	10000	270°	-45°	547’	Bateman Bay
101-1957	554472	5528642		10715 E	11485 N	10000	042°	-60°	832’	Bateman Bay
102-1957	554829	5528402		11888 E	10682 N	10000	042°	-58.5°	665’	Bateman Bay
103-1957	554291	5528802		10120 E	12015 N	10000	042°	-60°	685’	Bateman Bay
104-1957	553863	5528266		8721 E	10280 N	10000	189°	-45°	823’	Bateman Bay
105-1957	554153	5528921		9675 E	12418 N	10000	042°	-60°	735’	Bateman Bay
106-1957	554198	5528880		9823 E	12284 N	10000	042°	-60°	911’	Bateman Bay
107-1957	554431	5529054		10587 E	12838 N	10000	042°	-46°	885’	Bateman Bay
108-1957	553444	5528364		41839 E	33180 N	10000	189°	-60°	1353’	Bateman Bay
109-1957	553742	5528286		42812 E	10349 N	10000	189°	-45°	602’	Bateman Bay
110-1957	553626	5528336		42435 E	33088 N	10000	189°	-60°	921’	Bateman Bay
111-1957	553868	5528301		43227 E	32970 N	10000	189°	-60°	1000’	Bateman Bay
112-1957	553763	5528664		8387 E	11593 N	10000	222°	-45°	857’	Bateman Bay
113-1957	554737	5528483		46073 E	33534 N	10000	042°	-60°	878’	Bateman Bay
114-1957	554383	5528722		10418 E	11750 N	10000	042°	-60°	772’	Bateman Bay
115-1957	555056	5527286		47102 E	29596 N	10011	360°	-90°	716’	Bateman Bay
116-1957	553827	5528367		43091 E	33189 N	10000	042°	-45°	753’	Bateman Bay
117-1957	554936	5529736		46700 E	27800 N	10011	360°	-60°	804’	Bateman Bay
118-1957	554634	5529285		45735 E	36160 N	10000	222°	-45°	679’	Bateman Bay
119-1957	554311	5528733		44672 E	34363 N	10000	042°	-60°	927’	Bateman Bay
120-1957	553747	5528319		42829 E	33030 N	10000	189°	-60°	1207’	Bateman Bay
121-1957	554722	5528372		46015 E	33169 N	10000	042°	-60°	991.3’	Bateman Bay
122-1957	554675	5528412		45868 E	33303 N	10000	042°	-60°	865’	Bateman Bay
123-1957	554200	5528700		44310 E	34253 N	10000	042°	-75°	1559’	Bateman Bay
124-1957	553797	5528796		42993 E	34584 N	10000	222°	-45°	728’	Bateman Bay
125-1957	554264	5528774		44522 E	34492 N	10000	042°	-60°	958’	Bateman Bay
126-1957	554934	5527284		46700 E	29600 N	10011	360°	-45°	1042’	Bateman Bay
127-1957	553780	5528360		42930 E	33162 N	10000	042°	-45°	403’	Bateman Bay
128-1957	554610	5529262		45662 E	36078 N	10000	042°	-45°	736’	Bateman Bay
129-1957	553868	5528300		43226 E	32972 N	10000	189°	-50°	704’	Bateman Bay
130-1957	553625	5528337		42433 E	33090 N	10000	189°	-52°	1256’	Bateman Bay
131-1957	554936	5527011		46700 E	28700 N	10011	180°	-45°	882’	Bateman Bay
132-1957	553444	5528365		41839 E	33180 N	10000	189°	-45°	1168’	Bateman Bay
133-1957	554031	5528597		43756 E	33934 N	10000	222°	-45°	705’	Bateman Bay
134-1957	554324	5528654		44710 E	34102 N	10000	042°	-76°	947’	Bateman Bay
135-1957	553807	5528311		43028 E	33000 N	10000	189°	-50°	266’	Bateman Bay
136-1957	553747	5528319		42829 E	33030 N	10000	189°	-45°	835’	Bateman Bay
137-1957	554722	5529387		46034 E	36496 N	10000	042°	-48.5°	806’	Bateman Bay
138-1957	554145	5528728		44126 E	34352 N	10000	042°	-60°	1391’	Bateman Bay
139-1957	554052	5528805		43828 E	34618 N	10000	042°	-60°	1194’	Bateman Bay
140-1957	554761	5528419		46146 E	33318 N	10000	042°	-60°	607’	Bateman Bay
141-1957	553599	5528356		42342 E	33155 N	10000	189°	-40°	872’	Bateman Bay
142-1957	554002	5528566		43862 E	33829 N	10000	042°	-45°	1020’	Bateman Bay
143-1957	554936	5526950		46700 E	28500 N	10000	360°	-45°	929’	Bateman Bay
144-1957	555021	5527715		47000 E	31000 N	10011	180°	-45°	1025’	Bateman Bay
145-1957	553507	5528356		42038 E	33150 N	10000	189°	-45°	808’	Bateman Bay
146-1957	553566	5528346		42631 E	33062 N	10000	189°	-50°	826’	Bateman Bay
147-1957	553808	5528311		43028 E	33000 N	10000	189°	-50°	827’	Bateman Bay
148-1957	555352	5528728		48100 E	34300 N	10000	026°	-46.5°	1171’	Bateman Bay
149-1957	553687	5528328		42236 E	33120 N	10000	189°	-45°	868’	Bateman Bay
150-1957	554269	5528687		44815 E	33928 N	10000	042°	-60°	1200’	Bateman Bay
151-1957	555269	5526540		47800 E	27140 N	10011	360°	-45°	816’	Bateman Bay
152-1857	554814	5526877		46300 E	28275 N	10011	360°	-90°	650’	Bateman Bay
153-1957	553492	5528266		41993 E	32864 N	10000	189°	-45°	546’	Bateman Bay
154-1957	553553	5528268		42198 E	32875 N	10000	189°	-45°	611’	Bateman Bay
155-1957	553674	5528239		42583 E	32776 N	10000	189°	-45°	553’	Bateman Bay
156-1957	554357	5528599		44815 E	33928 N	10000	042°	-60°	669’	Bateman Bay
157-1957	553368	5528284		41597 E	32925 N	10000	189°	-45°	611’	Bateman Bay
158-1957	553888	5528208		43282 E	32671 N	10000	189°	-45°	692’	Bateman Bay
159-1957	553613	5528247		43390 E	32805 N	10000	189°	-45°	418’	Bateman Bay

160-1957	553433	5528285		41801 E	32925 N	10000	189°	-45°	461’	Bateman Bay
161-1957	553499	5528311		42014 E	33009 N	10000	189°	-45°	551’	Bateman Bay
162-1957	553706	5528246		42692 E	32792 N	10000	189°	-45°	388’	Bateman Bay
163-1957	553767	5528235		42889 E	32762 N	10000	189°	-45°	195’	Bateman Bay
164-1957	553826	5528225		43088 E	32731 N	10000	189°	-45°	560’	Bateman Bay
165-1957	554935	5526615		46700 E	27400 N	10011	360°	-90°	317’	Bateman Bay
166-1957				43563 E	32453 N	10008	042°	-60°	750’	Bateman Bay
167-1957				43608 E	32415 N	10004	042°	-50°	582’	Bateman Bay
168-1957				44022 E	32736 N	10002.6	222°	-47°	124’	Bateman Bay
169-1957				43955 E	32662 N	10007.5	222°	-55°	974’	Bateman Bay
170-1957				45335 E	32702 N	10012.8	222°	-45°	744’	Bateman Bay
171-1957				45218 E	32875 N	10009	222°	-50°	499’	Bateman Bay
172-1957				43593 E	32330 N	10009.6	360°	-90°	534’	Bateman Bay
K-01-1957	559708	5528348		61970	31895	9215	330	-47	606’	K Zones
K-02-1957	558502	5527971		58040	31315	9215	035	-51	553’	K-Zones
K-03-1957	558089	5527923		56085	30605	9215	350	-48’	517’	K Zones
K-04-1957	559632	5528251		61875	31820	9215	330	-50	462’	T-01
K-05-1957	558527	5527916		58210	31225	9215	035	-50	581’	K Zones
K-06-1957				61935	32500	9215	150	-48	628’	T-01
K-07-1957	558428	5528075		58015	32045	9215	197	-53	543’	
K-08-1957	557398	5527755					180	-54	545’	K Zones
K-09-1957	559742	5529891		62215	38235	9215	000	-51	483’	K-02
K-10-1957	558233	5527577		56528	30215	9215	180	-46	757’	K Zones
K-11-1957	557428	5527581					000	-51	459’	K-Zones
K-12-1957							000	-52	586’	
K-13-1957	557891	5527714		56275	29957	9215	000	-47	730’	K Zones
K-14-1957	557983	5527667		56420	29957	9215	026	-50’	460’	K-Zones
K-15-1957	557956	5527580		56330	28780	9215	026	-47.5	400’	K Zones
T-100-1957	556768	5527398		52775	29875	9215	000	-90	353’	T Zones
T-101-1957	556990	5527389		53570	29905	9215	000	-90	725’	T Zones
T-102-1957	556818	5527323		52975	29645	9215	000	-90	600’	T Zones
T-103-1957	556869	5527273		53170	29485	9215	000	-90	844’	T Zones
T-104-1957	556927	5527304		53370	29610	9215	000	-90	682’	T Zones
T-111-1957	552481	5523179		38770	16255	9215	000	-47	693’	T Zones
T-112-1957	553771	5527425		52768	29960	9215	000	-90	728’	T Zones
T-113-1957	557236	5527268								T Zones
T-114-1957	556619	5527256								T Zones
T-117-1957	557096	5527344		53970	29772	9215	000	-90	771’	T Zones
T-118-1957	557038	5527314		53770	29655	9215	000	-90	736’	T Zones
T-119-1957	556985	5527336		53565	29725	9215	000	-90	722’	T Zones
T-120-1957	557155	5527375		54170	29900	9215	000	-90	868′	T Zones
T-121-1957	552555	5523263		39050	16540	9215	321	-48	758′	T Zones
T-124-1957	556773	5527455		52775	30055	9215	000	-90	432′	T Zones
T-128-1957	556923	5527251		53370	29440	9215	000	-90	785′	T Zones
T-130-1957	557033	5527260		53770	29485	9215	000	-90	788′	T Zones
T-131-1957	552612	5523331		39335	16860	9215	039	-45	710′	T Zones
T-133-1957	556741	5527411		52672	29905	9215	000	-90	253′	T Zones
T-135-1957	556981	5527282		53565	29540	9215	000	-90	780′	T Zones
T-136-1957	557146	5527267		54170	29532	9215	000	-90	1138′	T Zones
T-137-1957	557202	5527298		54370	29660	9215	000	-90	717′	T Zones
T-137A-57	557202	5527298								T Zones
T-138-1957	557087	5527237		53960	29418	9215	000	-90	942′	T Zones
T-139-1957	557261	5527329		54575	29780	9215	000	-90	968′	T Zones
T-141-1957	557092	5527290		53968	29600	9215	000	-90	960′	T Zones
T-143-1957	557150	5527321		54170	29718	9215	000	-90	531′	T Zones
T-144-1957	557028	5527205		53765	29315	9215	000	-90	795′	T Zones
T-151-1957	557206	5527353		54370	29838	9215	000	-90	891′	T Zones
T-154-1957	557082	5527184		53955	29240	9215	000	-90	840′	T Zones
T-157-1957	556976	5527228		53560	29365	9215	000	-90	638′	T Zones
T-158-1957	556919	5527197		53370	29265	9215	000	-90	802′	T Zones
T-160-1957	556415	5526091		51725	25800	9215	000	-90	666′	T-04
T-161-1957	556672	5526052		52515	25685	9215	000	-90	900′	T-04

T-164-1957	557256	5527275		54575	29610	9215	000	-90	731′	T-02
T-165-1957	556987	5527363		53570	29809	9215	000	-90	671′	T-02
T-23-1957	556806	5527376								T Zones
T-24-1957	556919	5527411								T Zones
T-25-1957	557512	5527057								T Zones
T-26-1957	556919	5527411								T Zones
T-27-1957	556965	5527433								T Zones
T-28-1957	556842	5527274								T Zones
T-29-1957	553586	5524273								T Zones
T-30-1957	552484	5524846								T Zones
T-31-1957	552074	5522747								T Zones
T-32-1957	556939	5527445								T Zones
T-34-1957	553390	5524282								T Zones
T-35-1957	556994	5527442								T Zones
T-36-1957	557020	5527430								T Zones
T-38-1957	557076	5527434								T Zones
T-40-1957	556730	5527265								T Zones
T-41-1957	552188	5522857								T Zones
T-43-1957	556827	5527429								T Zones
T-44-1957	556853	5527418								T Zones
T-48-1957	556991	5527415								T Zones
T-49-1957	556824	5527402								T Zones
T-50-1957	556856	5527444								T Zones
T-51-1957	556883	5527433								T Zones
T-52-1957	556884	5527461								T Zones
T-53-1957	557047	5527418								T Zones
T-55-1957	556823	5527376								T Zones
T-57-1957	556849	5527365								T Zones
T-61-1957	552257	5522940		38180	15575	9215	039	-47	814′	T Zones
T-62-1957	557072	5527203								T Zones
T-64-1957	556880	5527407		53175	29930	9215	000	-90	493′	T Zones
T-65-1957	556806	5527388		52908	29850	9215	000	-90	375′	T Zones
T-66-1957	556767	5527372		53575	30247	9215	000	-90	460′	T Zones
T-68-1957	556828	5527456		52975	30080	9215	000	-90	304′	T Zones
T-73-1957	556962	5527400		53475	29925	9215	000	-90	626′	T Zones
T-78-1957	556935	5527412		53370	29960	9215	000	-90	654′	T Zones
T-79-1957	556878	5527380		53175	29840	9215	000	-90	625′	T Zones
T-81-1957	552409	5523098		38495	15955	9215	039	-45	714′	T Zones
T-82-1957	556803	5527361		52908	29760	9215	000	-90	400′	T Zones
T-83-1957	556765	5527345		52762	29700	9215	000	-90	381′	T Zones
T-92-1957	557042	5527367		53770	29835	9215	000	-90	832′	T Zones
T-93-1957	557100	5527398		53975	29935	9215	000	-90	701′	T Zones
T-94-1957	556873	5527327		53170	29660	9215	000	-90	642′	T Zones
T-95-1957	556820	5527350		52975	29725	9215	000	-90	488′	T Zones
T-99-1957	556931	5527358		53370	29785	9215	000	-90	623′	T Zones
T-105-1957	557189	5527470		54265	30200	9215	000	-90	709′	T Zones
T-106-1957	557224	5527566		54382	30525	9215	000	-90	517′	T Zones
T-107-1957	557251	5527554		54480	30500	9215	000	-90	594′	T Zones
T-108-1957	557161	5527454		54180	30145	9215	000	-90	772	T Zones
T-109-1957	556919	5527560		53275	30430	9215	000	-50	623′	T Zones
T-110-1957	557407	5527445		54072	30180	9215	000	-54	1064′	T Zones
T-115-1957	557282	5527597		54572	30660	9215	000	-90	680′	T Zones
T-116-1957	557218	5527484		54378	30260	9215	000	-90	703′	T Zones
T-122-1957	557211	5527405								T Zones
T-123-1957	557246	5527501		54475	30330	9215	000	-90	752′	T Zones
T-125-1957	557279	5527542		54572	30482	9215	000	-90	997′	T Zones
T-126-1957	557336	5527574		54770	30590	9215	000	-90	898′	T Zones
T-127-1957	557188	5527444		54275	30115	9215	000	-90	761′	T Zones
T-129-1957				53275	30750	9215	000			
T-132-1957	557216	5527457		54370	30170	9215	000	-90	701′	T Zones
T-134-0957	557274	5527488		54572	30305	9215	000	-90	708′	T Zones

T-140-1957	557367	5527615		54870	30730	9215	000	-90	869’	T Zones
T-142-1957	557393	5527605		54968	30695	9215	000	-90	982’	T Zones
T-145-1957	557255	5527608		54475	30670	9215	000	-90	501’	T Zones
T-146-1957	557287	5527651		54570	30830	9215	000	-90	485’	T-02
T-147-1957	557307	5527559		54671	30525	9215	000	-90	966’	T-02
T-148-1957	557331	5527520		54770	30415	9215	000	-90	1072’	T-02
T-149-1957	557270	5527435		54570	30110	9215	000	-90	872’	T-02
T-150-1957	557340	5527627		54775	30755	9215	000	-90	891	T-02
T-152-1957	557184	5527416		54280	30020	9215	000	-90	803’	T-02
T-153-1957	557242	5527447		54480	20135	9215	000	-90	740’	T-02
T-155-1957	557315	5527665		54671	30872	9215	000	-90	565’	T-02
T-156-1957	557219	5527512		54380	30350	9215	000	-90	350’	T-02
T-159-1957	557398	5527658		54965	30850	9215	000	-90	800’	T Zones
T-162-1957	557371	5527669		54880	30910	9215	000	-90	215’	T-02
T-163-1957	447319	5527717		54670	31040	9215	000	-90	309’	T-02
T-166-1957	557249	5527528		54485	30410	9215	000	-90	600’	T-02
T-167-1957	557132	5527439								T Zones
T-33-1957	556967	5527458								T Zones
T-37-1957	557049	5527446								T Zones
T-39-1957	557104	5527450								T Zones
T-45-1957	556996	5527469								T Zones
T-46-1957	557022	5527457								T Zones
T-47-1957	557051	5527473								T Zones
T-54-1957	557107	5527476								T Zones
T-56-1957	557025	5527484								T Zones
T-58-1957	557136	5527493								T Zones
T-59-1957	557165	5527506		54188	30315	9215	000	-90	529’	T Zones
T-60-1957	557195	5527551		54285	30480	9215	000	-90	552’	T Zones
T-63-1957	557077	5527460		51880	30155	9215	000	-90	708’	T Zones
T-67-1957	556999	5527495								T Zones
T-69-1957	557026	5527511		53675	30310	9215	000	-90	247’	T Zones
T-70-1957	557053	5527499		53780	30280	9215	000	-90	309’	T Zones
T-71-1957	556969	5527479		53470	30190	9215	000	-90	272’	T Zones
T-72-1957	556940	5527464		53368	31135	9215	000	-90	273’	T Zones
T-74-1957	557168	5527535		54180	30415	9215	000	-90	410’	T Zones
T-75-1957	557138	5527519		54075	30350	9215	000	-90	525’	T Zones
T-76-1957	557080	5527487		53880	30245	9215	000	-90	552’	T Zones
T-77-1957	557082	5527515		53880	30330	9215	000	-90	538’	T Zones
T-80-1957	557109	5527503		53978	30295	9215	000	-90	463’	T Zones
T-84-1957	557193	5527522		54285	30380	9215	000	-90	505’	T Zones
T-85-1957	557163	5527480		54180	30235	9215	000	-90	573’	T Zones
T-86-1957	557134	5527465		54075	30185	9215	000	-90	596’	T Zones
T-87-1957	556942	5527491		53375	30220	9215	000	-90	274’	T Zones
T-88-1957	557191	5527497		54285	30290	9215	000	-90	690’	T Zones
T-89-1957	557298	5527454		54680	30080	9215	003	-51	1005’	T Zones
T-90-1957	556971	5527506		53471	30275	9215	000	-90	366’	T Zones
T-91-1957	557140	5527546		54085	30450	9215	000	-90	400’	T Zones
T-96-1957	556915	5527508		53280	30265	9215	000	-54	541’	T Zones
T-97-1957	557222	5527536		54382	30430	9215	000	-90	725’	T Zones
T-98-1957	557159	5527428		54175	30060	9215	000	-90	392’	T Zones
M-12-1957	560264	5527015								Ile Marguerite
M-13-1957	560647	5526857								Ile Marguerite
M-14-1957	560287	5526926								Ile Marguerite
M-1-1956	559288	5526718								Ile Marguerite
M-2-1956	559397	5526983								Ile Marguerite
M-3-1956	559638	5527061								Ile Marguerite
M-4-1956	559768	5526932								Ile Marguerite
M-5-1956	559887	5526921								Ile Marguerite
M-6-1956	560250	5527215								Ile Marguerite
M-7-1956	560259	5526986								Ile Marguerite

M-8-1956	561808	5526992								Ile Marguerite
A-144-1956	551221	5527153								
A-145-1956	550771	5527136								
A-146-1956	550266	5527583								
A-147-1956	550322	5527723								
A-148-1956	550212	5527446								
A-149-1956	550427	5527676								
A-150-1956	550370	5527538								
A-151-1956	550319	5527403								
A-152-1956	551320	5526889								
A-153-1956	551231	5526772								
A-154-1956	550534	5527639								
A-155-1956	550494	5527533								
A-156-1956	550427	5527363								
A-157-1956	550699	5527732								
A-157W-56	550699	5527732								
A-158-1956	551324	5526698								
A-159-1956	550643	5527592								
A-160-1956	550589	5527452								
A-160A-56	550589	5527452								
A-161-1956	550536	5527317								
A-162-1956	550482	5527182								
A-163-1956	551140	5526650								
A-164-1956	550432	5527044								
A-165-1956	550375	5526901								
A-165W-56	550375	5526901								
A-166-1956	550373	5527225								
A-167-1956	550292	5527014								
A-168-1956	550864	5526686								
A-169-1956	550375	5527062								
A-170-1956	550320	5527084								
A-172-1956	550542	5527065								
A-173-1956	550486	5526929								
A-174-1956	550431	5526794								
A-175-1956	550649	5527020								
A-176-1956	550594	5526885								
A-177-1956	550457	5526854								
A-178-1956	550759	5526976								
A-179-1956	550622	5526950								
A-180-1956	550702	5526844								
A-181-1956	550717	5526882								
A-182-1956	550776	5526864								
A-183-1956	551205	5527717								
A-184-1956	551303	5527839								
A-185-1956	551398	5527964								
A-186-1956	551394	5528118								
DQ-36-1956	548511	5525051								
DQ-37-1956	548015	5525221								
DQ-38-1956	548948	5524789								
DQ-39-1956	548968	5524767								
DQ-40-1956	548096	5525358								
DQ-41-1956	547238	5524984								
DQ-42-1956	548178	5525488								
DQ-43-1956	548937	5524741								
DQ-44-1956	548912	5524756								
DQ-45-1956	547152	5524849								
DQ-46-1956	547065	5524713								
DQ-47-1956	548967	5526298								
DQ-48-1956	547657	5526186								
DQ-49-1956	547737	5526302								
DQ-50-1956	547508	5526182								

DQ-51-1956	547823	5526432								
DQ-52-1956	547577	5526284								
DQ-53-1956	547483	5526371								
DQ-54-1956	547673	5526419								
DQ-55-1956	547764	5526565								
DQ-56-1956	547563	5526499								
DQ-57-1956	547667	5526635								
DQ-58A-56	546959	5526267								
DQ-59-1956	548990	5524623								
DQ-60-1956	549090	5524640								
DQ-61-1956	548784	5524680								
DQ-62-1956	548787	5524680								
DQ-63-1956										
R-104				22700	23900	9209	250	-48	575’	
R-105				21450	21425	9209	240	-45	553’	
T-227-										K Zones (K1)
T-319										T Zones
T-343B										T Zones
T-344										T Zones
T-349										T Zones
T-351										T Zones
T-356										T Zones
T-358										T Zones
T-360										T Zones
T-912										T Zones
S-1-1956				52690	24000		000	-50	618.5’	Zone S-01
S-2-1956				52492	24478		180	-51	562’	Zone S-01
S-3-1956				52200	19020		039	-40	251’	Zone S-04
S-4-1956				52200	19020		039	-56	944’	Zone S-04
S-5-1956				53592	18248		039	-45	832’	Zone S-04
S-6-1956				54395	17865		039	-49	1412’	Zone S-04
CK-51-1956				22535	13330		030	-48	777’	Chib-Kayrand
CK-52-1956				22575	13395		210	-45	781’	Chib-Kayrand
CK-53-1956				23035	14196		210	-45	706’	Chib-Kayrand
CK-54-1956				13588	11475		360	-45	753’	Chib-Kayrand
CK-55-1956				13526	10976		360	-46	751’	Chib-Kayrand
CK-56-1956				13696	10538		352	-45	758’	Chib-Kayrand
CK-57-1956				21700	19860		360	-90	1279’	Chib-Kayrand
CK-58-1956				17846	17334		031	-45	1200’	Chib-Kayrand
K-6-1956							150	-48	627.5’	K-Zones (K-3)
7-1956	554106	5528087					180	-75	461’	Bateman Bay
8-1956	553655	5528062					180	-60	504’	Bateman Bay
9-1956	554183	5528240					180	-60	718’	Bateman Bay
10-1956	555096	5528379					180	-45	118.6’	Bateman Bay
11-1956	555002	5528746					180	-45	510’	Bateman Bay
12-1956	555001	5528859					180	-45	430’	Bateman Bay
13-1956	554551	5528712					180	-45	675’	Bateman Bay
14-1956	554550	5528764					180	-48	457’	Bateman Bay
15-1956	554552	5528665					360	-90	318.5’	Bateman Bay

16-1956	554516	5528539					025	-44	812’	Bateman Bay
17-1956	554818	5528450					020	-43	494’	Bateman Bay
18-1956	554865	5528651					200	-41	362’	Bateman Bay
19-1956				10902 E	11179 N	10008	025°	-45°	39’	Bateman Bay
19A-1956	554539	5528562		10902 E	11179 N	10008	025°	-45°	666’	Bateman Bay
20-1956	554162	5528199		9730 E	10007 N	10004	211°	-45°	694’	Bateman Bay
21-1956	554510	5528518		10822 E	11038 N	10010	205°	-40°	671’	Bateman Bay
22-1956	554000	5527975		9250 E	9310 N	10005	032°	-45°	610’	Bateman Bay
23-1956	554591	5528514		11085 E	11025 N	10005	032°	-46°	816’	Bateman Bay
24-1956	553970	5527937		9170 E	9182 N	10014	032°	-46°	700’	Bateman Bay
25-1956	554369	5528239		10355 E	10145 N	10004	027°	-40°	676’	Bateman Bay
26-1956	554118	5528026		9542 E	9490 N	10010	180°	-45°	350’	Bateman Bay
27-1956				10410 E	10257 N	10004	207°	-40°	51’	Bateman Bay
27A-1956	554391	5528283		10425 E	10280 N	10005	207°	-40°	543’	Bateman Bay
28-1956	553927	5527999		8924 E	9407 N	10007	044°	-45°	679’	Bateman Bay
29-1956	554706	5528598		11447 E	11278 N	10007	022°	-41°	1103’	Bateman Bay
30-1956	553978	5527996		9084 E	9408 N	10006	032°	-45°	721’	Bateman Bay
33-1956							180°	-40°	415’	
34-1956	554028	5528101		9247 E	9761 N	10009	224°	-45°	564’	Bateman Bay
36-1956	554003	5528131		9180 E	9833 N	10003	226°	-45°	700’	Bateman Bay
38-1956	554002	5528132		9180 E	9833 N	10003	226°	-60°	598’	Bateman Bay
40-1956	553967	5528136		9066 E	9846 N	10008	222°	-45°	721’	Bateman Bay
41-1956	554886	5529040		12043 E	12687 N	10004	200°	-43°	923’	Bateman Bay
42-1956	554879	5529025		12026 E	12639 N	10001	360°	-90°	338’	Bateman Bay
43-1956	555848	5530044				10002	360°	-45°	183.5’	Bateman Bay
44-1956	554896	5529120		12063 E	12939 N	10010	187°	-45°	451’	Bateman Bay
45-1956	555937	5530567				10005	325°		232’	Bateman Bay
46-1956	554073	5528147		9400 E	9899 N	10014	224°	-45°	719’	Bateman Bay
47-1956	554896	5529087		11930 E	12849 N	10002	360°	-45°	739’	Bateman Bay
48-1956	553929	5528142		8794 E	9809 N	10010	222°	-50°	719’	Bateman Bay
49-1956	554889	5529435		12071 E	13942 N	10006	180°	-40°	789’	Bateman Bay
50-1956	554852	5529425		12060 E	13943 N	10003	338°	-40°	455’	Bateman Bay
51-1956	553570	5527824		7645 E	8800 N	10004	151°	-45°	490’	Bateman Bay
52-1956	554013	5528110		9215 E	9797 N	10006	224°	-45°	635’	Bateman Bay
53-1956	553575	5527816		7657 E	8878 N	10004	331°	-40°	748’	Bateman Bay
54-1956	554009	5528082		9202 E	9705 N	10010	222°	-45°	500’	Bateman Bay
55-1956	554261	5528183		10000 E	10000 N	10005	080°	-45°	1207	Bateman Bay
56-1956	554050	5528126		9320 E	9836 N	10010	222°	-45°	652’	Bateman Bay
57-1956	554275	5528200		10048 E	10038 N	10005	222°	-45°	948’	Bateman Bay
58-1956	554039	5528090		9288 E	9729 N	10019	222°	-45°	536’	Bateman Bay
59-1956	554051	5528080		9327 E	9695 N		223°	-45°	534.5’	Bateman Bay
60-1956	553929	5528141		8943 E	9893 N	10010	222°	-65°	753’	Bateman Bay
61-1956	553915	5528124		8903 E	9848 N	10007	042°	-45°	526’	Bateman Bay
62-1956	554489	5528153		10740 E	9880 N	10005	222°	-45°	791’	Bateman Bay
63-1956	554093	5528047		9470 E	9558 N	10017	222°	-45°	437’	Bateman Bay
64-1956	554235	5528156		9916 E	9889 N	10006	222°	-45°	691’	Bateman Bay
66-1956				44144 E	32170 N	10006	222°	-45.5°	426’	Bateman Bay
67-1956				44069 E	32703 N	10001	222°	-43.5°	1002	Bateman Bay
68-1956				44621 E	32548 N	10006.5	222°	-44°	844’	Bateman Bay
69-1956				45346 E	32563 N	10006.5	222	-43	353’	Bateman Bay
70-1956				43162 E	32669 N		222	-43	999’	Bateman Bay
71-1956				44646 E	32724 N	10005	222	-45	955’	Bateman Bay
72-1956				43875 E	32865 N	10000	222	-45	1123’	Bateman Bay
1-1955	543237	5531058								South of Berrigan
2-1955	542983	5531010								South of Berrigan
3-1955	543097	5530644								South of Berrigan
4-1955	543191	5530653								South of Berrigan
44-A-1955	544921	5530814								Lac Fleury
45-1955	645121	5530908								Lac Fleury
46-1955	545140	5530926								Lac Fleury
47-1955	544094	5531469								Lac Fleury
G-13-1955	544943	5525983								Lac Fleury
C-1-1955	548604	5527771					025	-30	230’	Copper Cliff

C-2-1955	548582	5527776					025	-45	216’	Copper Cliff
C-3-1955	548582	5527781					025	-60	317’	Copper Cliff
C-4-1955	548607	5527790					345	-50	50’	Copper Cliff
CK-1-1955				21235	20735		200	-75	1388’	Chib-Kayrand
CK-2-1955				19360	20830		360	-50	568’	Chib-Kayrand
CK-3-1955				19675	21110		180	-45	258’	Chib-Kayrand
CK-4-1955				20015	20835		360	-45	1013’	Chib-Kayrand
CK-5-1955				19660	19395		210	-50	1070’	Chib-Kayrand
CK-7-1955				22970	19000	9233	030	-50	751’	Chib-Kayrand
CK-8-1955				22995	19030	9234	210	-50	768’	Chib-Kayrand
CK-9-1955				22715	18200	9228	030	-50	751’	Chib-Kayrand
CK-10-1955				22700	18165	9228	210	-30	686’	Chib-Kayrand
CK-11-1955				19670	21240	9213	180	-45	350’	Chib-Kayrand
CK-12-1955				20860	19780	9213	210	-45	462’	Chib-Kayrand
CK-13-1955				19760	21240	9214	180	-45	296’	Chib-Kayrand
CK-14-1955				19575	21295	9214	180	-45	274’	Chib-Kayrand
CK-15-1955				20870	18580	9214	210	-45	906’	Chib-Kayrand
CK-16-1955				20340	17020	9214	201	-30	752’	Chib-Kayrand
CK-17-1955				20850	18565	9213	030	-45	497’	Chib-Kayrand
CK-18-1955				20075	16480	9210	201	-30	696’	Chib-Kayrand
CK-19-1955				20315	16970	9212	030	-30	998’	Chib-Kayrand
CK-20-1955				21790	19645	9224	210	-50	385’	Chib-Kayrand
CK-21-1955				21790	19645	9220	210	-85	676’	Chib-Kayrand
CK-22-1955				21850	19550	9224	360	-90	600’	Chib-Kayrand
CK-23-1955				21960	19575	9223	210	-82	697.5’	Chib-Kayrand
CK-24-1955				18690	15950	9214	050	-40	953’	Chib-Kayrand
CK-25-1955				18690	15950	9214	210	-32	1125’	Chib-Kayrand
CK-26-1955				21220	19940	9221	263	-70	674’	Chib-Kayrand
CK-27-1955				21250	21015	9224	280	-45	741’	Chib-Kayrand
CK-28-1955				18660	22610		360	-45	904’	Chib-Kayrand
CK-29-1955				18675	21940		360	-35	844’	Chib-Kayrand
CK-30-1955				18675	21980		180	-30	798’	Chib-Kayrand
CK-31-1955				19745	22120	9221	043	-30	798’	Chib-Kayrand
CK-32-1955				20050	21750	9211	043	-40	620’	Chib-Kayrand
CK-33				13308	12171	9213	360	-45	746’	
CK-34				13308	12571	9209	360	-44	751’	
CK-35				19875	21145	9209	210	-85	1004’	
CK-36				20810	20105	9209	210	-85	671’	
CK-37				20465	20305	9209	210	-85	1110’	
CK-38				20110	20480	9209	210	-85	1092	
CK-39				13528	12876	9209	360	-47	869’	
CK-40				19765	20680	9209	210	-85	1071’	
CK-41				14328	13517	9209	360	-49	776’	
CK-42				21245	20048	9209	210	-85	816’	
CK-43				18790	20870	9209	221	-45	504’	
CK-44				18990	19870	9209	041	-47	678’	
CK-45				18190	20870	9243	060	-45	600’	
CK-46				17995	21215	9266	060	-45	848’	
CK-47				17800	21570	9291	060	-45	510’	
CK-48				17605	21920	9358	060	-45	749’	
CK-49				17820	21115	9285	060	-50	852’	
CK-50				18017	20770	9260	060	-50	1000’	
CR-1A-1955				22250	29615		030	-45	243’	Copper Cliff
CR-2-1955				22165	30240		030	-45	750’	Copper Cliff
CR-3-1955				22070	30616		030	-45	558’	Copper Cliff
1-1955	553639	5527765					341°		681’	Bateman Bay
2-1955	553631	5527729					360°		350’	Bateman Bay
4-1955	553836	5527905					165°		354’	Bateman Bay
4A-1955	553836	5527906					345°		285’	Bateman Bay
5-1955	553924	5528140					180°		485’	Bateman Bay
5A-1955	553924	5528094					360°		272’	Bateman Bay
6-1955	554104	5528054					180°	-45°	267’	Bateman Bay

A-144-1955	551221	5527153								Gm-05197
A-145-1955	550771	5527136								
A-146-1955	550266	5527583								
A-147-1955	550322	5527723								
A-148-1955	550212	5527446								
A-149-1955	550247	5527676								
A-150-1955	550370	5527538								
A-151-1955	550319	5527403								
A-152-1955	551320	5526889								
A-153-1955	551231	5526772								
A-154-1955	550534	5527639								
A-155-1955	550494	5527533								
A-156-1955	550427	5527363								
A-157-1955	550699	5527732								
A-157W-55	550699	5527732								
A-158-1955	551324	5526698								
A-159-1955	550643	5527592								
A-160-1955	550589	5527452								
A-160A-55	550589	5527452								
A-161-1955	550536	5527317								
A-162-1955	550482	5527182								
A-163-1955	551140	5526650								
A-164-1955	550432	5527044								
A-165-1955	550375	5526901								
A-165W-55	550375	5526901								
A-166-1955	550373	5527225								
A-167-1955	550292	5527014								
A-168-1955	550864	5526686								
A-169-1955	550375	5527062								
A-170-1955	550320	5527084								
A-172-1955	550542	5527065								
A-173-1955	550486	5526929								
A-174-1955	550431	5526794								
A-175-1955	550649	5527020								
A-176-1955	550594	5526685								
A-177-1955	550457	5526854								
A-178-1955	550759	5526976								
A-179-1955	550622	5526950								
A-180-1955	550702	5526844								
A-181-1955	550717	5526882								
A-182-1955	550776	5526864								
A-183-1955	551205	5527717								
A-184-1955	551303	5527839								
A-185-1955	551398	5527964								
A-186-1955	551394	5528118								
DQ-10				20903	22015	9209	025	-52	836’	
DQ-11				25505	22120	9209	209	-65	1186’	
DQ-15				58985	21740		028	-28	1002’	
DQ-26				26480	21455		237	-59	519’	
DQ-32				26640	21375		230	-41	370’	
DQ-36-1955	548511	5525051								
DQ-37-1955	548015	5525221								
DQ-38-1955	548948	5524789								
DQ-39-1955	548968	5524767		27210	21375	9209	228	-41	824	
DQ-40-1955	548096	5525358								
DQ-41-1955	547238	5524984								
DQ-42-1955	548178	5525488								
DQ-43-1955	548937	5524741								
DQ-44-1955	548912	5524756								
DQ-45-1955	547152	5524849		21135	21852	9209	030	-45	967’	
DQ-46-1955	547065	5524713		20885	21419	9209	030	-45	699’	
DQ-47-1955	548967	5526298		27305	26780	9209	030	-45	954’	
DQ-48-1955	547657	5526186		26235	22941	9221	214	-45	700’	
DQ-49-1955	547737	5526302		23220	26650	9224	214	-45	861’	

DQ-50-1955	547508	5526182		22443	26205	9238	214	-45	574’	
DQ-51-1955	547823	5526462		23510	27079	9224	214	-45	815’	
DQ-52-1955	547577	5526284		22676	26549	9209	214	-45	595’	
DQ-53-1955	547483	5526371		22386	26833	9019	214	-45	613’	
DQ-54-1955	547673	5526419		23006	27038	9229	214	-45	853’	
DQ-55-1955	547764	5526565		23336	27527	9229	214	-45	788’	
DQ-56-1955	547563	5526499		22667	27286	9221	214	-51	845’	
DQ-57-1955	547667	5526635		23004	27751	9231	214	-45	787’	
DQ-58-1955				20626	26426	9359	215	-45	74’	
DQ-58A-55	546959	5526267		20656	26426	9359	217	-45	1053’	
DQ-59-1955	548990	5524623								
DQ-60-1955	549090	5524640								
DQ-61-1955	548784	5524680								
DQ-62-1955	548787	5524680								
DQ-63-1955	548792	5524681								
QS-20-1955	549704	5528359								
QS-21-1955	549658	5528210								
R-37-1955	552537	5525940								
R-39-1955	552589	5526197								
R-43-1955	552347	5526270								
R-45-1955	552439	5526191								
R-46-1955	551499	5526743								
R-48-1955	552438	5526383								
R-51-1955	552809	5525902								
R-52-1955	552395	5526133								
R-53-1955	552527	5526311								
R-55-1955	552989	5525761								
R-56-1955	552902	5525843								
R-57-1955	553080	5525876								
R-58-1955	552899	5526032								
R-59-1955	553259	5525730								
R-60-1955	553541	5525732								
R-61-1955	553177	5525607								
R-65-1955	552715	5525787								
R-70-1955	552744	5526589								
R-73-1955	552833	5526704								
R-78-1955	552923	5526822								
R-79-1955	551755	5526542								
R-80-1955	553014	5526938								
R-81-1955	553100	5527048								
R-82-1955	553194	5527171								
R-83-1955	553287	5527288								
JO-01				15525	17371	9209	035	-45	998’	
JO-02				15288	17330	9209	210	-45	1011’	
JO-03				18390	18651	9211	341	-45	534’	
JO-04				18390	18696	9211	180	-45	704’	
JO-05				18065	19850	9244	181	-45	1019’	
GL-01							360	-45	127	Vein #2
GL-02						9236	360	-60	154’	
GL-03						9232	360	-45	148’	Vein #6
GL-04						9232	360	-60	149’	
GL-05						9248	360	-40	675’	Vein #6
GL-06							360	-60	339’	Vein #6
GL-07						9234	360	-70	225’	Vein #6
GL-08						9230	360	-40	375’	Vein #6
GL-09				16435	24845	9217	335	-45	300’	Vein #2
GL-10				16435	24845	9217	360	-45	149’	
GL-11				16435	24845	9217	360	-75	159’	
GL-12				16320	24840	9209	360	-70	203’	Vein #2
1-1955	563553	5529465					180	-45	998’	Roycan
2-1955	563547	5529520					180	-45	345’	Roycan
3-1955	563423	5529413					180	-45	250’	Roycan
4-1955	564274	5529711					180	-45	347’	Roycan
5-1966	564265	5529922					180	-45	610’	Roycan

6-1955	564905	5529286					180	-45	397’	Roycan
T-1-1954	547225	5524087		46050	19237	9215	028	-50	922’	T-08
T-10-1954	547278	5524206		43910	21810	9215	039	-44.5	698’	T-08
T-11-1954	547323	5524170		44665	21270	9215	039	-50	321’	T-08
T-12-1954	547309	5521140		45091	21670	9215	039	-55	711’	T-08
T-13-1954	547258	5524160		45385	20405	9215	039	-50	711’	T-08
T-14-1954	547377	5524148		45670	20850	9215	039	-50	666’	
T-15-1954	547295	5524173		48070	18580		039	-39	927’	
T-16-1954	547295	5524174		43005	21902		039	-47.5	858’	
T-17-1954	547377	5524149		40460	21240		039	-42	1363’	
T-18-1954	547363	5524118		48200	20560		039	-42.5	911’	
T-19-1954	547266	5524243		36420	23000		022	-47	1441.3	T-13
T-2-1954	547302	5524055		42705	19725	9215	039	-62	392’	
T-20-1954	547398	5524138		36570	23140		033	-33	1166’	T-13A
T-21-1954	547398	5524138		36830	22787	9215	028	-48.5	1195’	T-13A
T-22-1954	547440	5524160		37260	23462	9215	033	-45.5	870’	T-13A
T-23-1954	547253	5524214		52908	29805	9215	000	-60	703’	T-02
T-24-1954	547604	5524060		53310	29945	9215	000	-57	547’	T-02
T-25-1954	547427	5524131		56215	28860	9215	035	-45	651’	T-02
T-26-1954	547239	5524184		53310	29945	9215	000	-90	832’	T-02
T-27-1954	547228	5524226		53470	30032	9215	000	-90	558’	T-02
T-28-1954	547338	5524200		53078	29481	9215	050	-50	855’	T-02
T-29-1954	547351	5524229		42685	19870	9215	039	-45	853’	T-10
T-3-1954	547355	5524157		43305	22680	9215	039	-51	937’	
T-30-1954	547286	5524171		38740	21398	9215	030	-48	797’	
T-31-1954	547574	5523968		37495	14785		039	-45	881’	
T-32-1954	547516	5524137		53375	30700	9215	000	-90	581’	T-02
T-33-1954	547385	5524109		43470	30120	9215	000	-90	525’	T-02
T-34-1954	547307	5524202		42535	19995	9215	039	-47	648’	T-10
T-35-1954	547293	5524235		53575	30075	9215	000	-90	617’	
T-36-1954	547542	5524126		53680	30030	9215	000	-90	533’	
T-37-1954	547566	5524112		53780	30100	9215	000	-90	613’	
T-38-1954	547492	5524149		53880	30070	9215	000	-90	713’	
T-39-1954	547462	5524151		53975	30115	9215	000	-90	704’	
T-4-1954	547440	5524160		44164	22130	9215	039	-54.5	274’	T-08
T-40-1954	547392	5524108		52650	29430	9215	000	-51.5	816’	
T-41-1954	547335	5524262		37835	15185	9215	039	-47.5	868’	
T-42-1954	547400	5524096								
T-43-1954	547340	5524128		52975	30000	9215	000	-90	483’	
T-44-1954	547413	5524101		53078	29955	9215	000	-90	575’	
T-45-1954	547404	5524091		53575	30163	9215	000	-90	571’	
T-46-1954	547476	5524181		53680	30140	9215	000	-90	528’	
T-47-1954	547236	5524243		53780	30188	9215	000	-90	599’	
T-48-1954	547399	5524094		53570	29985	9215	000	-90	713’	
T-49-1954	547387	5524173		52975	29900	9215	000	-90	537	
T-5-1954	547516	5524138		42879	19720	9215	039	-47	317’	T-10
T-50-1954	547383	5524101		53075	30045	9215	000	-90	478’	
T-51-1954	547378	5524203		53175	30015	9215	000	-90	399’	
T-53-1954	547651	5524195		53780	30010	9215	000	-90	663’	
T-54-1954	547673	5524182		53978	30208	9215	000	-90	574’	
T-55-1954	547572	5524183		52975	29808	9215	000	-90	544’	
T-56-1954	547156	5524070		53675	30220	9215	000	-90	366’	
T-57-1954	547260	5524271		53078	29790	9215	000	-90	572’	
T-58-1954	547598	5524150		54080	30270	9215	000	-90	670’	
T-59-1954	547621	5524194								
T-6-1954	547580	5524074		43683	23150	9215	033	-52	1010’	Kayrand
T-60-1954	547164	5523920								Kayrand
T-61-1954	547244	5523871								Kayrand
T-62-1954	547400	5524139								Kayrand
T-63-1954	547379	5524170								Kayrand
T-64-1954	547468	5523987								Kayrand
T-65-1954	547436	5524072								Kayrand
T-66-1954	547457	5524075								Kayrand
T-7-1954	547370	5524185		44513	22570	9215	039	-52.5	874’	T-08
T-8-1954	547663	5524057		44875	23045	9215	039	-53.5	1037	Kayrand
T-9-1954	547323	5524170								Kayrand

C-10-1953	548461	5527910								Copper Cliff
C-11-1953	548687	5527721								Copper Cliff
C-12-1953	548560	5527849					059°	-50°	325’	Copper Cliff
C-13-1953	548476	5527964					155°	-70°	270’	Copper Cliff
C-14-1953	548462	5527980					205°	-65°	137’	Copper Cliff
C-15-1953	548449	5527986					205°	-65°	234’	Copper Cliff
C-16-1953	548326	5528087					205°	-45°	478’	Copper Cliff
C-17-1953	548259	5528147					205°	-45°	211’	Copper Cliff
C-18-1953	547926	5527793					180°	-45°	235’	Copper Cliff
C-19-1953	547926	5527793					330°	-45°	513’	Copper Cliff
C-20-1953	547745	5527786					180°	-45°	539’	Copper Cliff
C-21-1953	547744	5527786					360°	-45°	334’	Copper Cliff
C-22-1953	547685	5527616					330°	-45°	464’	Copper Cliff
C-23-1953	548512	5527944					205°	-60°	229’	Copper Cliff
C-24-1953	548530	5527922					205°	-60°	272’	Copper Cliff
C-25-1953	548465	5528041					205°	-60°	493’	Copper Cliff
C-26-1953	548540	5527954					205°	-60°	512’	Copper Cliff
C-27-1953	548623	5527842					205°	-60°	562’	Copper Cliff
C-28-1953	548536	5528048					205°	-60°	897’	Copper Cliff
C-29-1953	549152	5527851					180°	-32°	429’	Copper Cliff
C-30-1953	548610	5527814					045°	-80°	229’	Copper Cliff
C-31-1953	548710	5527706								Copper Cliff
C-32-1953	548696	5527699								Copper Cliff
C-33-1953	548706	5527683								Copper Cliff
C-34-1953	548715	5527667								Copper Cliff
C-35-1953	548726	5527647								Copper Cliff
C-5-1953	548614	5527775					025°	-35°	212.5’	Copper Cliff
C-6-1953	548630	5527765					025°	-35°	207’	Copper Cliff
C-7-1953	548647	5527755								Copper Cliff
C-8-1953	548473	5527903								Copper Cliff
C-9-1953	548662	5527743								Copper Cliff
D-3-1953	568610	5528781					045°	-45°	521’	Copper Cliff
D-4-1953	551279	5526595					025°	-55°	254’	Copper Cliff
D-5-1953	551139	5526697					025°	-55°	193’	Copper Cliff
D-6-1953	551033	5526608					045°	-55°	273’	Copper Cliff
DQ-1-1953	548012	5525561								Copper Cliff
DQ-2-1953	547089	5524954		20815	22240		200	-45	549’	Copper Cliff
DQ-3-1953	547103	5524994		20935	22360		060	-30	982’	Copper Cliff
DQ-4-1953	548882	5524620								Copper Cliff
DQ-5-1953	548777	5524408								Copper Cliff
DQ-6-1953	548757	5524367								Copper Cliff
DQ-7-1953	547220	5525055								Copper Cliff
DQ-8-1953	549379	5525981								Copper Cliff
DQ-9-1953	547173	5525101					025°	-45°	438’	Copper Cliff
G-1-1953	547031	5528150					360°	-45°	503’	Copper Cliff
G-2-1953	547032	5528151					180°	-45°	270’	Copper Cliff
43-1953	556980	5531564		13300 E	13000 N		180°	-46.5°	397’	Grandines
44-1953	556614	5531559		12075 E	13000 N		180°	-45.5°	497’	Grandines
45-1953	556596	5531289		12040 E	12100 N		360°	-90°	588’	Grandines
46-1953	559483	5531496		21514 E	12582 N		155°	-47°	263’	Grandines
47-1953	556579	5531094		12018 E	11452 N		270°	-45°	205’	Grandines
48-1953	559048	5531456		20100 E	12500 N		180°	-51°	565’	Grandines
49-1953	558839	5531454		19400 E	12500 N		180°	-56.5°	569’	Grandines
50-1953	556161	5530913		10550 E	10300 N		090°	-52°	1135’	Grandines
51-1953	558843	5531635		19400 E	13100 N		180°	-50°	804’	Grandines
52-1953	557493	5531139		15000 E	11600 N		237°	-55°	736’	Grandines
53-1953	558745	5531587		18100 E	12950 N		180°	-49°	470’	Grandines
54-1953	557093	5531189		13700 E	11770 N		270°	-47°	496’	Grandines
55-1953	557549	5531444		15185 E	12580 N		360°	-90°	500’	Grandines
56-1953	557553	5531505		15185 E	12770 N		360°	-90°	500’	Grandines
57-1953	557891	5531460		16300 E	12600 N		160°	-47°	302’	Grandines
58-1953	557588	5531475		15286 E	13600 N		360°	-90°	735’	Grandines
59-1953	556518	5531088		11768 E	11452 N		270°	-56.5°	570’	Grandines

23-1952	557512	5532476		15039 E	12652 N		360°	-90°	409’	Grandines
24-1952	557526	5531493		15080 E	15703 N		360°	-90°	415’	Grandines
25-1952	557492	5531448		14986 E	12623 N		360°	-90°	275’	Grandines
26-1952	557491	5531466		14986 E	12575 N		360°	-90°	303’	Grandines
27-1952	557488	5531409		14982 E	12455 N		360°	-90°	306’	Grandines
28-1952	557506	5531440		15040 E	12570 N		360°	-90°	408’	Grandines
29-1952	557484	5531167		15000 E	11600 N		237°	-55°	381’	Grandines
30-1952	557499	5531397		15043 E	12455 N		360°	-90°	497’	Grandines
31-1952	557474	5531511		14925 E	12800 N		360°	-90°	406’	Grandines
32-1952	557474	5531511		14928 E	12800 N		360°	-50°	492’	Grandines
33-1952	557474	5532511		14928 E	12802 N		360°	-65°	419’	Grandines
34-1952	557417	5531494		14729 E	12749 N		360°	-50°	352’	Grandines
35-1952	557417	5531493		14728 E	12750 N		360°	-65°	409’	Grandines
36-1952	557810	5531604		16000 E	13070 N		360°	-45°	525’	Grandines
37-1952	557808	5531602		16060 E	13068 N		360°	-60°	600’	Grandines
38-1952	557515	5531516		15043 E	12806 N		360°	-90°	574’	Grandines
39-1952	557501	5531517		15006 E	12789 N		360°	-90°	379’	Grandines
40-1952	557251	5531568		14162 E	12999 N		180°	-44°	398’	Grandines
41-1952	557156	5531573		13854 E	13021 N		180°	-45°	401’	Grandines
42-1952	557073	5531569		13558 E	16031 N		180°	-45°	475’	Grandines
D-2-1951	549032	5526757								Kokko Creek
K-1-1951	548331	5526357								Kokko Creek
K-3-1951	548367	5526314								Kokko Creek
K-6-1951	548152	5526471								Kokko Creek
KD-1-1951	548669	5526502								Kokko Creek
KD-10-1951	548716	5526487								Kokko Creek
KD-11-1951	548716	5526487								Kokko Creek
KD-12-1951	548699	5526501								Kokko Creek
KD-13-1951	548699	5526501								Kokko Creek
KD-14-1951	548652	5526538								Kokko Creek
KD-15-1951	548652	5526538								Kokko Creek
KD-16-1951	548636	5526548								Kokko Creek
KD-2-1951	548684	5526490								Kokko Creek
KD-3-1951	548621	5526559								Kokko Creek
KD-4-1951	548667	5526526								Kokko Creek
KD-5-1951	548666	5526527								Kokko Creek
KD-6-1951	548683	5526513								Kokko Creek
KD-7-1951	548683	5526513								Kokko Creek
KD-8-1951	548682	5526514								Kokko Creek
KD-9-1951	548732	5526474								Kokko Creek
17-1951	546788	5524209								Virginia property
18A-1951	546876	5524720								Virginia property
19-1951	546506	5524411								Virginia property
20-1951	546976	5524419								Virginia property
21-1951	546224	5525223								Virginia property
1-1950	546591	5524536								Virginia property
2-1950	546632	5524199								Virginia property
3-1950	546595	5524377								Virginia property
4-1950	546681	5524535								Virginia property
5-1950	546649	5524112								Virginia property
6-1950	546590	5524513								Virginia property
8-1950	546791	5524065								Virginia property
9-1950	546745	5524433								Virginia property
10-1950	546829	5524392								Virginia property
11-1950	546776	5524534								Virginia property
12-1950	546829	5524392								Virginia property
13-1950	546585	5524709								Virginia property
14-1950	546423	5524034								Virginia property
15-1950	547206	5524252								Virginia property
16-1950	547206	5524252								Virginia property

S-1-1947	557490	5531416		14855	12380		323	-30	533’	Grandroy
S-2-1947	557491	5531415		14855	12380		323	-56	159.5’	Grandroy
S-3-1947	557471	5531388					323	-33	487.5’	Grandroy
S-4-1947	557473	5531387						-62	127.0’	Grandroy
S-5-1947	557503	5531427					323	-45	179.0’	Grandroy
S-6-1947	557504	5531361					323	-45	284.5’	Grandroy
S-7-1947	557478	5530982					290	-82	273’	Grandroy
S-8-1947	558190	5530379					299	-75	550’	Grandroy
S-9-1947	558157	5530689					330	-57	827’	Grandroy
S-10-1947	557540	5531477		15185	12725		270	-51	578’	Grandroy
S-11-1947	557540	5531505		15185	12823		270	-50	541’	Grandroy
S-12-1947	557542	5531448		15184	12622		270	-50	323’	Grandroy
S-13-1947	556128	5530790		10614	10454		282	-40	560’	Grandroy
S-14-1947	557541	5531448		15186	12622		270	-72	375’	Grandroy
S-15-1947	557542	5531420		15184	12523		270	-50	418’	Grandroy
S-16-1947	227325	5531314		14462	12324		270	-50	648’	Grandroy
S-17-1947	557544	5531392		15186	12423		270	-50	419’	Grandroy
S-18-1947	557547	5531394		15194	12424		270	-67	175’	Grandroy
S-19-1947	557477	5531375		14984	12423		270	-45	196’	Grandroy
S-20-1947	557540	5531250		15184	12022		290	-45	479’	Grandroy
S-21-1947	559417	5531495		21316	12779		160	-30	410’	Grandroy
S-22-1947	559306	5531315		21018	12200		339	-35	328’	Grandroy
1-1936	551352	5529053					???	-45°	257’	Bateman Bay
2-1936	551468	5528693					???	-45°	681’	Bateman Bay
3-1936	551536	5528718					???	-45°	680’	Bateman Bay
4-1936	551617	5528533					014°	-45°	351’	Bateman Bay
5-1936	551679	5528554					014°	-45°	439’	Bateman Bay
A-1936	553552	5528175					360°	-45°	373’	Bateman Bay
B-1936	554065	5528249					360°	-45°	359’	Bateman Bay
C-1936	552967	5529261					360°	-45°	366’	Bateman Bay
D-1936	552573	5528920					360°	-40°	495’	Bateman Bay
F-1936	551648	5528546					360°	-45°	494’	Bateman Bay
G-1936	552028	5528718					037°	-45°	407’	Bateman Bay
H-1936	552992	5529269					017°	-45°	102’	Bateman Bay
I-1936	551456	5528798					353°	-45°	511’	Bateman Bay
J-1936	551587	5529089					???	-45°	254’	Bateman Bay
K-1936	551991	5528426					360°	-45°	313’	Bateman Bay
L-1936	552132	5528097					360°	-50°	402’	Bateman Bay
M-1936	553550	5528287					360°	-45°	375’	Bateman Bay
N-1936	553274	5529139					360°	-45°	360’	Bateman Bay
O-1936	553031	5529081					337°	-45°	355’	Bateman Bay
P-1936	553204	5529295					337°	-45°	240’	Bateman Bay
Q-1936	552909	5529247					340°	-45°	361’	Bateman Bay
R-1936	552844	5529202					360°	-45°	345.6’	Bateman Bay
S-1936	551528	5528788					010°	-45°	302’	Bateman Bay
V-1936	551583	5528554					356°	-45°	354’	Bateman Bay
W-1936	551735	5528601					336°	-45°	280’	Bateman Bay
Y-1936	551395	5528986					???	-45°	298’	Bateman Bay
Z-1936	551573	5529025					???	-45°	241’	Bateman Bay
L-202				20785	21022		191	-54	447’	
L-203				20390	21430		184	-50	477’	
L-301				25603	22415		180	-65	962’	
L-303				24697	21492		000	-45	559’	
L-304				24697	21492		000	-58	322’	
L-401				27910	21060		000	-45	507’	
L-402				27475	21098		000	-45	631’	
L-403				27055	22368		180	-45	630’	
L-701				22924	23570		004	-48	1037’	
1				19285	20915	9209	180	-45	459’	

2				19385	19870	9209	030	-45	80’	
3				19285	20405	9209	180	-45	100’	
4				19585	20915	9209	180	-47	290’	
5				19335	19600	9209	000	-85	131’	
5 A				19335	19600	9209	000	-90	70’	
6				19285	20830	9209	180	-48	355’	
7				19285	20610	9209	180	-50	50’	
8				19880	19430	9209	360	-85	155’	
9				18800	20585	9209	117	-51	375’	
10				20045	20460	9209	243	-55	300’	
11				19890	20905	9209	360	-45	577’	
12				20045	20460	9209	063	-75	120’	
13				19285	21455		180	-46	407’	
14				18680	19370		064	-35	1382’	
15				21220	20000					
16				21220	20000		263	-45	685’	
17				19890	19830	9209	210	-62	821’	
18				20160	21360	9209	169	-45	931’	
19				18980	20510	9209	000	-90	835’	
20				20475	20410	9209	210	-45	565’	
21				18068	23075		360	-50	500’	
22				19285	20700	9209	180	-45	962’	
23				19285	20118	9209	180	-45	35’	
24				19285	19980	9209	180	-45	815’	
RM-25				21235	20000		233	-50	395’	
RM-26				21580	20380		245	-60	995’	
RM-27										
QM-01				21142	16750		180	-35	257’	
QM-02				21130	16680		360	-35	254	
QM-03										
QM-04				18395	15085		193	-45	149’	
QM-05				19095	14265		193	-45	106	
QM-06				19100	14315		013	-45	24’	
QM-07				19650	16070		180	-45	139	
QM-08				19650	16070		010	-45	143’	
S-1				26460	21818		166	-45	267’	
S-2				26190	21485		180	-45	331’	
S-3				26609	21595		180	-40	450’	
S-4				26609	21595		360	-40	195’	
S-5				25840	21582		020	-30	212’	
S-6				25840	21582		240	-30	388’	
S-7				25885	21500		220	-40	200’	
S-8				26205	21688		050	-45	301’	
S-9				26455	21543		240	-45	330’	
S-10				26765	21360		235	-45	254’	
S-11				26578	21448		210	-45	204’	
S-12				26520	21678		240	-47	655’	
S-13				26755	21340		015	-42	357’	
S-14				26685	21018		070	-42	546’	
S-15				26685	21018		205	-45	231’	
S-16				20850	22135		145	-51	340’	
S-17				26755	21340		160	-45	375’	
S-18				26755	21340		193	-60	391’	
S-19								-45	246’	
S-20				26755	21340		238	-60	275’	
S-21				26755	21340		193	-60	447’	
S-22				26782	21400		233	-68	413’	
S-23				26720	21470		233	-70	503’	
S-24				26609	21595		233	-69	531’	
S-25				26520	21678		233	-59	575’	
S-26				26540	21845		230	-45	424’	

Appendix 3

Incomplete list of significant assays reported within assessment work files

GM #	DDH #	from	to	length	Cu %	Au opt	Ag opt	Zn %	Co %	
Bateman Bay										
4341-A	6-1955			9.0’	2.40	0.12				
	9-1956			7.0’	1.70	0.04				
	13-1956			11.0’	1.50	0.12				
	16-1956			2.0’	1.57	0.05				
	17-1956			9.0’	2.30	0.05				
	19A-1956			4.0’	0.65	0.045				
	20-1956	NSV								
	22-1956			2.7’	2.25	0.37	1.54		0.116	
				6.3’	1.11	0.02	0.28		0.128	
	23-1956			1.7’	1.00	0.03				
	24-1956			6.0’	1.36	0.046	0.11		0.145	
				1.9’	3.40	tr	0.18			
	26-1956			3.6’	1.00	0.01	0.10			
	27A-1956			2.0’	2.00	0.09				
	28-1956			6.2’	1.02	0.03	0.12			
				2.5’	1.00	0.07	0.50			
	30-1956			3.8’	2.45	0.13	0.58		0.16	
				2.4’	1.50	0.02	0.64			
				3.6’	2.15	0.13	0.94		0.074	
	31-1956	NSV								
	32-1956			15.8’	1.20	0.016	0.350			
	33-1956	NSV								
	34-1956			11.1’	5.10	0.05	0.545			
	36-1956			4.4’	1.30	0.098	0.690			
				5.7	1.70	0.030	0.140			
	38-1956			8.6	1.34	0.029	0.640			
	40-1956			16.8	1.20	0.039	0.380			
	48-1956			4.2’	1.81	0.084	0.600			
	52-1956			16.8’	2.07	0.216	0.460			
				18.2	1.22	0.010	0.320			
	56-1956			5.2’	1.57	0.026	0.500			
				5.5	1.60	0.031	0.300			
	57-1956			29.6	1.13	0.03	0.460			
	58-1956			12.7’	2.09	0.187	0.203			
				6.0	0.93	0.210	0.250			
	59-1956			5.3’	1.78	0.087	0.590			
	60-1956			6.8’	0.41	0.099	0.380			
	72-1956			25.0’	2.10	0.140	0.810			
				11.0’	0.98		1.250			
				8.0’	2.19		1.020			
	75-1957			16.4’	3.17	0.027	0.410			
	76-1957			17.3’	2.19	0.01	0.180			
	77-1957			8.5’	1.10	0.120	0.240			
	81-1957			13.3’	2.17	0.027	0.100			
	82-1957			10.5’	1.95	0.160	0.400			
	84-1957			8.2’	2.56	0.107	0.196			
	94-1957			17.8	1.33	0.130	0.260			
	100-1957			7.3’	1.41	0.238	0.330			
	104-1957			8.0’	1.82	0.029	0.290			
	114-1957			7.0	1.25	0.030	0.120			
				5.6’	1.30	0.016	0.149			
	119-1957			21.6	1.20	0.016	0.149			
	129-1957			25.0	4.47	0.079	0.830			
	130-1957			14.5’	2.15	0.026	0.400			
	132-1957			17.0	1.65	0.136	0.620			
	136-1957			9.0’	2.69	0.102	0.240			
	141-1957			6.5’	1.20	0.025	0.120			
	146-1957			12.0’	3.90	0.060	0.420			

	154-1657			11.0	2.02	0.247	0.830			
Copper Cliff (+ OTHERS)										
29448	1-OR-365-73	29.0’	35.0’	6.0’	1.42	0.02				
		70.0’	78.0’	8.0’	1.06	0.02				
	1-OR-366-73	162.0’	168.0’	6.0’	1.47	0.02				
	1-OR-367-73	176.0’	182.5’	6.5’	1.29	0.02				
		218.5’	223.0’	4.5’	2.73	0.05				
	1-OR-368-73	72.0’	80.0’	8.0’	3.00	0.04				
		125.0’	129.5’	4.5’	1.39	0.05				
	1-OR-369-73	97.0’	100.0’	3.0’	3.40	0.04				
	1-OR-372-73	76.5’	106.0’	29.5’	0.99	0.01				
	1-OR-380-73	84.0’	90.0’	6.0’	1.54	0.03				
	8-R-477-73	7.0’	13.0’	6.0’	3.72	0.04				
	8-R-479-73	51.0’	90.0’	39.0’	0.86	0.01				
	24-P-1-73	25.0’	40.0’	15.0’	1.28	0.027				
	24-P-2-73	133.0’	138.0’	5.0’	3.95	0.16				
	24-P-4-73	218.0’	223.0’	5.0’	1.50	0.04				
	24-P-6-73	317.0’	347.0’	30.0’	0.92	0.01				
	24-P-9-73	22.0’	29.5’	7.5’	2.00	0.02				
	8-R-466-73	49.0’	60.0’	11.0’	1.24	0.01				
	8-R-468-73	40.0’	50.0’	10.0’	1.15	0.02				
		5.0’	6.0’	1.0’	3.05	0.06				
	8-R-469-73	0.0’	3.0’	3.0’	3.00	0.54				
		30.0’	39.0’	9.0’	1.56	0.03				
	8-R-470-73	20.0’	28.0’	8.0’	1.30	0.02				
	8-R-471-73	67.0’	72.5’	5.5’	1.00	0.17				
		81.0’	87.0’	6.0’	1.40	0.30				
	8-R-473-73	71.0’	92.0’	21.0’	0.97	0.01				
	8-R-491-73	71.5’	77.5’	6.0’	2.94	0.03				
	8-R-493-73	26.0’	44.5’	18.5’	1.41	0.03				
	8-R-494-73	0.0’	11.0’	11.0’	0.91	0.02				
Portage (level 2400)				Feet	% Cu	Opt Au				
29448	24R-65-73	59.0’	80.0’	21.0’	1.44	0.277				
		89.0’	99.0’	10.0’	3.13	0.455				
	24-R-76-73	6.0’	30.0’	24.0’	2.03	0.26				
		81.0’	87.5’	6.5’	3.67	1.01				
	24-R-78-73	55.0’	78.0 ‘	23.0’	0.60	0.07				
	24-R-83-73	49.5’	95.5’	46.0 ‘	1.79	0.058				
	24-R-84-73	32.5’	56.5’	24.0’	2.00	0.28				
		127.5’	133.0’	5.5’	1.57	0.06				
		172.0’	183.5’	11.5’	1.68	0.22				
	24-R-104-73	0.0’	10.5’	10.0’	4.79	0.06				
		97.0’	116.0’	19.0’	2.59	0.21				
	24-R-108-73	100.5’	129.0’	28.5’	0.98	0.09				
	24-R-109-73	60.0’	64.5’	4.5’	2.01	0.286				
	24-R-112-73	104.5’	118.0’	13.5’	1.38	0.028				
Grandroy (open pit)				Feet	% Cu	Opt Au				
	G-01-1966	61.7’	112.5’	50.8’	4.13	0.03				
	G-02-1966	62.5’	98.2’	35.7’	1.24	0.065				
	G-04-1966	52.0’	85.5’	33.5’	1.12	0.01				
		91.0’	122.0’	31.0’	1.19	0.10				
	G-05-1966	118.0’	165.0’	47.0’	1.41	0.01				
		136.5’	165.0’	28.5’	2.02	0.014				
	G-06-1966	147.0’	173.5’	26.5’	2.35	0.02				
	G-07-1966	68.5’	95.0’	26.5’	1.16	0.01				
	G-08-1966	56.0’	82.0’	26.0’	0.79	0.01				
	G-09-1966	107.5’	128.5’	21.0’	1.43	0.033				
		182.7’	188.0’	5.3’	1.40	0.01				
	G-11-1966	155.0’	240.0’	85.0’	0.78	0.02				
	G-12-1966	66.0’	152.0’	86.0’	2.48	0.05				
	G-13-1966	58.0’	75.0’	17.0’	3.24	0.024				
		75.0’	111.0’	36.0’	0.63	0.01				
		95.0’	111.0’	16.0’	0.80	0.02				
		58.0’	111.0’	53.0’	1.47	0.014				

	G-14-1966	107.5’	110.0’	2.5’	4.32	0.01				
		143.0’	148.0’	5.0’	3.13	0.01				
		167.5’	180.0’	12.5’	0.27	0.03				
		143.0’	180.0’	37.0’	0.94	0.001				
	G-15-1966	110.0’	120.0’	10.0’	1.70	0.02				
2130-B	23-1952	200.0’	230.3’	30.3’	0.75	0.035				
		262.5’	287.5’	25.0’	0.72	0.030				
	24-1952	152.9’	153.2’	3.3’	2.62	0.037				
		271.4’	305’	33.6’	1.75	0.03				
		375.0’	383.5’	8.5’	4.35	0.055				
	25-1952	50.0’	153.3’	103.3’	2.12	0.036				
	26-1952	64.0’	85.0’	21.0’	2.43	0.067				
		102.2’	203.3’	101.1’	0.71	0.022				
	27-1952	58.1’	78.5’	20.4’	2.70	0.025				
		117.8’	133.5’	15.7’	1.65	0.020				
	28-1952	256.3’	290.0’	33.7’	1.73	0.02				
	30-1952	116.0’	121.4’	5.4’	1.46	0.015				
	31-1952	71.2’	97.4’	26.2’	1.69	0.02				
		139.5’	155.0’	15.5’	1.14	0.01				
		239.5’	245.5’	6.0’	1.29	0.01				
	33-1952	163.8’	188.8’	25.0’	1.40	0.02				
		227.5’	232.8’	5.3’	0.94	0.02				
		318.8’	327.5’	8.7’	0.80	0.015				
	35-1952	364.5’	372.3’	7.8’	1.30	0.01				
	38-1952	102.8’	114.6’	11.2’	2.70	0.015				
		256.1’	286.3’	30.2’	1.50	0.015				
		450.0’	460.0’	10.0’	2.75	0.015				
	39-1952	217.5’	260.0’	42.5’	1.50	0.02				
	40-1952	199.0’	200.5’	1.5’	0.42	0.01				
		257.8’	258.8’	1.0’	4.98	0.03				
S-Zones (S1-S2-S3)										
				Feet	% Cu	Opt Au				
	S-1-1956			1.0’	0.30	0.102				
	S-7-1956			1.3’	4.50	0.010				
				0.5’	0.10	0.160				
	S-8-1956			1.3’	1.40	0.020				
				4.0’	1.00	0.010				
				1.3’	1.30	0.050				
				2.0’	0.40	0.398				
				3.2’	0.60	0.130				
	S-22-1965			2.0’	0.30	0.499				
	S-23-1965			3.3’	0.15	0.136				
	S-25-1965			2.7’	0.05	0.105				
	S-26-1965			33.0’	0.65	0.162				
				11.1’	1.40	0.398				
	S-32-1966	437.8’	439.6’	1.8’	1.45	0.020				GM-19218
		574.8’	576.2’	1.4’	0.20	0.350				
		605.8’	615.8’	10.0’	1.42	0.895				
		686.2’	689.2’	3.0’	0.11	0.278				
	S-33-1966	291.0’	294.3’	3.3’	0.23	0.310				GM-19218
		397.3’	402.4’	5.1’	0.91	0.385				
		549.0’	556.6’	7.6’	0.42	0.175				
T-Zones										
	T-318-1966	294.0’	306.7’	12.7’	2.31	0.005				GM-19218
	T-319-1966	198.0’	342.0	144.0’	2.74	0.025				GM-19218
		265.0’	295.0’	30.0’	6.32	0.079				
	T-9-1-1698									
	T-9-2-1968			23.0’	1.95	0.04				
	T-343-B	231.0’	237.23’	6.2’	2.40	0.019				GM-29546
		228.0’	237.2’	9.2’	1.82	0.013				

Appendix 4:

Survey points locating grids of lines used as reference for geophysical surveys and drilling. Mines and mineralized occurrences on the Lac Chibougamau Properties and surroundings have also been referenced. (MTM 27 and Nad 83)

Description	MTM co-ordinates (Nad 27)		
	Easting	Northing	Elevation
Surveying: Paul Roy			
Metal pin	256375.627	5531309.628	
Metal pin	256265.469	5528332.102	
Metal pin	255224.153	5525506.442	
Ddh H-12	253665.653	5528914.571	
Ddh S-5	252394.381	5525883.209	
TL 50N / 1+00W	259202.200	5531922.900	
TL 50N / 20+00E	261285.800	5519912.800	
TL 50N / 43+00E	263582.200	5531904.000	
TL 50N / 56+50E	264928.900	5531899.700	
L 28+00E / 47+50N	262178.400	5531674.900	
Point	259251.467	5531669.070	
Metal pin	259600.407	5531551.481	
Point	261289.877	5531509.614	
Point	261595.368	5531573.564	
Metal pin	263613.108	5531903.830	
Metal pin	263836.992	5532033.463	
Metal pin	264507.384	5532253.261	
Base Line 0+00	259263.826	5526921.601	
BL / 5+00W	258763.910	5526926.000	
BL / 10+00W	258263.995	5526930.399	
BL / 15+00W	257765.079	5526934.798	
BL / 20+00W	257264.164	5526939.197	
BL / 25+00 W	256764.248	5526943.596	
BL / 30+00W	256264.332	5526947.995	
BL / 35+00W	255764.417	5526952.394	
BL / 40+00 W	255264.501	5526956.793	
BL / 45+00 W	254764.585	5526961.192	
BL / 50+00W	254264.670	5526965.591	
BL / 55+00W	253764.754	5526969.990	
BL / 60+00W	253264.838	5526974.390	
BL / 65+00W	252764.923	5526978.789	
BL / 70+00W	252265.007	5526983.188	
BL / 75+00W	251765.091	5526987.587	
BL / 80+00W	251265.175	5526991.986	
BL / 85+00W	250765.260	5526996.385	
BL / 90+00W	250265.344	5527000.784	
BL / 95+00W	249765.429	5527005.183	
BL / 100+00W	249265.514	5527009.582	
BL / 5+00E	259763.738	5526917.202	
BL / 10+00E	260263.651	5526912.803	
BL / 15+00E	260763.563	5526908.404	

BL / 20+00E	261263.476	5526904.005	
BL / 25+00E	261763.388	5526899.606	
BL / 30+00E	262263.300	5526895.207	
BL / 35+00E	262763.213	5526890.808	
BL / 40+00E	263263.125	5526886.409	
BL / 45+00E	263763.037	5526882.010	
Surveying: Jean Luc Corriveau			
TL 14N / L-60W	253275.620	5528372.115	377.855
TL 14N / L-58W	253477.552	5528370.614	377.775
TL 14N / L-56W	253677.011	5528369.437	377.855
TL 14N / L-54W	253875.350	5528367.578	377.775
TL 14N / L-52W	254076.550	5528365.128	380.515
TL 14N / L-50W	254275.766	5528364.788	379.355
TL 14N / L-48W	254472.789	5528362.347	377.823
TL 14N / L-46W	254676.718	5528361.306	380.385
TL 14N / L-44W	254876.190	5528359.096	378.565
TL 14N / L-42W	255075.802	5528358.403	382.615
TL 14N / L-40W	255269.809	5528355.480	376.225
TL 14N / L-38W	255476.742	5528351.133	380.355
TL 14N / L-36W	255677.489	5528351.414	381.325
TL 14N / L-34W	255887.370	5528348.692	380.655
TL 14N / L-32W	256085.837	5528346.971	380.575
TL 14N / L-30W	256271.509	5528350.842	380.825
TL 14N / L-26W	256690.397	5529935.000	379.165
TL 14N / L-24W	256877.916	5529931.044	378.435
TL 14N / L-22W	257077.469	5529929.568	378.395
TL 14N / L-20W	257280.742	5529927.893	378.395
SHORE	257419.636	5529925.614	379.145
L-18W / 30+50	257474.000	5529977.420	379.125
TL 50N / L-14W	257901.340	5531933.818	379.965
TL 50N / L-16W	257687.932	5531934.409	379.905
TL 50N / L-18W	257501.087	5531935.570	379.895
TL 50N / L-20W	257302.363	5531937.034	379.825
TL 50N / L-22W	257101.899	5531938.841	379.745
TL 50N / L-24W	256900.880	5531940.154	379.795
TL 50N / L-26W	256707.436	5531940.267	378.135
TL 50N / L-28W	256504.697	5531943.524	379.365
TL 30N / L-28W	256487.463	5529939.703	379.105
TL 30N / L-30W	256288.418	5529941.009	379.185
TL 14N / L-30W	256274.813	5528349.673	380.105
L-30W / 8N	256271.192	5527746.748	379.320
L-30W / 6N	256270.034	5527550.091	381.150
L-30W / 4N	256268.220	5527348.604	381.080
L-30W / 2N	256266.382	5527149.755	381.030
L-30W / BL	256265.601	5526947.278	379.480
L-30W / 2S	256266.715	5526748.269	374.810
L-30W / 4S	256265.699	5526546.641	374.940
L-30W / 6S	256262.832	5526344.145	379.840
L-30W / 8S	256261.755	5526141.648	379.520
L-30W / 10S	256260.518	5525936.955	379.850

L-30W / 12S	256259.694	5525736.800	379.810
L-30W / 14S	256258.074	5525521.304	378.000
L-30W / 16 S	256257.269	5525326.529	381.280
L-30W / 18S	256257.165	5525135.936	378.030
L-30W / 20S	256255.484	5524933.687	378.230
L-30W / 22S	256254.458	5524729.910	377.900
L-30W / 24S	256253.454	5524520.597	380.300
L-48W / TL-24S	254443.000	5524549.394	378.740
TL 14N / END	253152.517	552837.754	379.795
L-62W / 13+25N	253078.219	5528302.191	379.835
L-62W / TL 24S	253040.452	5524569.712	377.705
TL 14N / L-56W	253677.213	5528368.981	379.205
TL 14N / L-48W	254576.688	5528362.177	379.255
TL 14N / L-30W	256275.228	5528348.177	380.075
TL 10N / L-30W	256273.024	5527948.115	379.285
BL 0+00 / L-30W	256265.259	5526947.728	379.225
BL 0+00 / L-20W	257264.343	5526939.161	379.325
BL 0+00 / STATION 62	258264.205	5526929.914	379.305
BL 0+00 / L-0+00	259263.948	5526920.952	379.195
L 0+00 / L-2N	259265.551	5527121.001	379.275
L 0+00 / L-4N	259267.444	5527320.637	379.385
L 0+00 / L-6N	259269.059	5527520.577	379.365
L 0+00 / L-8N	259270.997	5527720.331	379.305
L 0+00 / L-10N	259272.797	5527920.600	379.325
L 0+00 / L-12N	259274.449	5528120.532	379.425
L 0+00 / L-14N	259276.413	5528320.392	379.305
L 0+00 / L-16N	259278.103	5528520.549	379.315
L-20E / 16N	261275.692	5528502.320	379.365
L-36E / 16N	262871.345	5528491.992	379.275
L-20E / 14N	261274.887	5528307.221	379.375
L-20E / 12N	261272.969	5528104.475	379.385
L-20E / 10N	261271.266	5527902.495	379.465
L-20E / 8N	261268.302	5527702.863	379.965
BL 0+00 / L-15E	260863.976	5526906.291	379.435
BL 0+00 / L+6E	259864.375	5526915.095	379.305
BL 0+00 / L-4E	259664.600	5526915.981	378.955
TL 24S / L-48W	254443.388	5524548.558	379.075
TL 24S / L-50W	254242.515	5524551.514	378.945
TL 24S / L-52W	254042.028	5524554.228	378.955
TL 24S / L-54W	253845.117	5524557.293	378.835
TL 24S / L-56W	253639.798	5524560.618	378.995
TL 24S / L-58W	253439.271	5524563.542	378.935
TL 24S / L-60W	253237.236	5524566.538	378.815
TL 24S / L-62W	253041.270	5524569.543	378.965
TL 24S / L-64W	252835.236	5524572.211	378.875
TL 24S / L-66W	252640.790	5524572.875	378.705
TL 24S / L-68W	252439.116	5524575.112	378.895
TL 24S / L-70W	252253.750	5524575.895	378.905
TL 24S / L-72W	252038.794	5524578.007	378.905
TL 24S / L-74W	251844.573	5524579.208	379.005
TL 24S / L-76W	251652.660	5524580.597	378.865

TL 24S / L-78W	251449.395	5524582.489	378.845
TL 24S / L-80W	251248.090	5524584.251	378.895
TL 24S / L-82W	251048.524	5524586.656	379.025
TL 24S / L-84W	250842.986	5524587.931	378.905
TL 24S / L-86W	250647.038	5527589.693	378.935
BL 0+00 / L-86W	250666.048	5526996.554	379.315
BL 0+00 STATION 56	251619.822	5526941.417	379.915
L-86W / 3W	250665.257	5526691.479	374.975
TL 24S / L-88W	250444.210	5524592.159	375.075
TL 24S / L-90W	250240.566	5524594.194	375.065
TL 24S / L-92W	250042.038	5524595.673	375.105
TL 24S / L-94W	249841.283	5524597.587	375.215
TL 24S / L-96W	249589.749	5524599.822	375.405
TL 24S / L-98W	249438.394	5524601.118	375.485
TL 24S / L-100W	249222.599	5524603.274	375.425
TL 24S / L-102W	249033.363	5524604.706	375.545
TL 24S / L-104W	248833.417	5524604.625	378.575
TL 24S / L-106W	248632.395	5524606.689	378.435
TL 24S / L-108W	248431.544	5524607.868	378.505
TL 24S / L-110W	248230.287	5524609.597	378.485
TL 24S / L-112W	248029.417	5524611.042	378.515
TL 36S / L-120W	247219.080	5523418.680	378.345
TL 36S / L-118W	247409.185	5523417.226	378.485
TL-36S / L-116W	247608.273	5523415.299	378.475
TL 36S / L-114W	247814.240	5523413.987	378.415
TL 36S / L-112W	248018.720	5523412.469	378.465
TL 36S / L-110W	248218.427	5523410.750	378.925
TL 36S / L-108W	248417.195	5523409.187	379.125
TL 36S / L-106W	248623.750	5523407.228	378.975
TL 34S / L-104W	248825.972	5523606.234	379.035
BL 0+00 / L-96W	249665.761	5527006.037	379.415
BL 0+00 / L-94W	249865.516	5527004.256	379.325
BL 0+00 / L-92W	250065.701	5527002.188	379.355
BL 0+00 / L-90W	250265.294	5527000.682	379.295
BL 0+00 / STATION 57	250428.821	5526991.660	378.905
82 K0024	241034.283	5530484.300	412.455
	UTM co-ordinates Nad 83		
	Easting	**Northing**	**Elevation**
Mines and Occurrences on the Lac Chibougamau Properties			
Berrigan (Taché) Mine	542730	5532303	
Berrigan Sud	542603	5531728	
Lac Larone	544896	5532794	
Lac Antoinette Est	542005	5531128	
Lac Antoinette Sud	539930	5523853	
Beltac Nord	543819	5532519	
Beltac Sud	543877	5531980	
Lac Fleury Shaft	544755	5530778	
David	541447	5526857	
Mine Kokko Creek	547930	5525628	

Québec Chibougamau Goldfields	548295	5526359	
Baie Bateman	553980	5528128	
Zone K-1	559774	5529390	
Zone K-3	559774	5528487	
Mine S-3	556480	5525078	
Zones T (Tommy / Yorcan)	553969	5524583	
Zone T-4	555471	5526155	
Baie Magnetite (nord et sud)	563105	5529303	
Ile Marguerite	560572	5527121	
Ile Marguerite Sud	559407	5527206	
Sulphur Converting (Baie de l'Ours)	561830	5529528	
Mine Grandroy	557430	5531428	
1119-94-07	554093	5524392	
1119-95-05	554573	5525366	
1119-95-01 (S-2)	557077	5525447	
Roycam	563553	5529465	
Occurrences and Mines on adjacent claims			
LD-1	550665	5526478	
Ile Portage (Nord et Sud)	556330	5528403	
Mine Copper Rand	552055	5526578	
Copper Rand No 3 (Shaft # 3)	548855	5524778	
Lac Doré	549080	5525178	
Mine Cedar Bay	549655	5526978	
Mine Jaculet	552080	5528728	
Mine Merrill Island (Campbell / Main Mine)	547830	5524553	
Mine Merrill Island	548180	5524428	
Mine Chib-Kayrand	547305	5524103	
Lac Towle	549180	5527753	
Mine Portage	558030	5528778	
Mine Henderson 1	556626	5527564	
Mine Henderson 2	557730	5528128	
McKenzie Vein	557230	5528979	
Mine Copper Cliff	550080	5527778	
Copper Cliff Siderose	548555	5527828	
Baie du Commencement	555226	5527329	
Petit Lac Gilman	547730	5527728	