

QUALIFYING REPORT
on the
RETTY LAKE PROJECT
SCHEFFERVILLE, QUÉBEC, CANADA

Pursuant to National Instrument 43-101 of the Canadian Securities Administrators

Prepared for:

Rockland Minerals Corp.

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3 SUMMARY

Rockland Minerals Corp. ("Rockland") has an option on 199 mineral claims with potential for copper, nickel and platinum group elements (PGE) in the Retty Lake area of the southern Labrador Trough, Québec, owned by E.D. Black, P.Eng (the Optionor). The Retty Lake project lies roughly 60 kilometres northeast of the town of Schefferville, Québec within NTS map sheets 23O01 and 23O08, and is centred at about 55° 10' N latitude and 66° 07' W longitude.

The southern Labrador Trough (New Québec Orogen) hosts Precambrian age ultramafic and mafic intrusive sills (or possibly extrusive flows) with magma chemistry similar to rocks in other belts, worldwide, within which significant deposits of copper-nickel-platinum group elements (Cu-Ni-PGE) occur. The Retty Lake area hosts known Cu-Ni-PGE deposits, and it stands out because of its very strong nickel and copper signature discovered in governmental regional geochemical surveys.

Even though this portion of the southern Labrador Trough has been explored every decade since the 1940's, the only widespread reconnaissance exploration drilling in the Retty Lake area was during the 1950's by Hollinger North Shore Exploration Ltd. Since that time, the only significant drilling has been delineation drilling of the known deposits at Blue Lake, with only minor drilling elsewhere. Among the numerous exploration companies that have worked in the area, Falconbridge did geological mapping, geochemical sampling and performed ground geophysical surveying in 1976-1977, over key areas that are now covered by the claims optioned by Rockland.

Claims optioned by Rockland lie immediately adjacent to the Blue Lake property of Groupe Platine de la Fosse, which contains the Blue Lake #1, Blue Lake #2, Centre and Pogo Cu-Ni-PGE occurrences discovered by Hollinger North Shore Exploration Ltd. in the 1959's. In 1987, Groupe Platine de la Fosse drove a 350 meter decline for bulk sampling of the Blue Lake #1 deposit. Several academic studies have been undertaken on the mineralogy of these Blue Lake copper-nickel-PGE massive sulfide lenses. Grades and tonnages of these massive sulfide lenses have been widely reported in the Québec government mineral inventory lists since their discovery and delineation by Hollinger North Shore Exploration Ltd. The Québec government reports that total mineralization of the four main sulfide lenses and adjacent smaller sulfide bodies is 4.03 Mt at 0.85% Cu, 0.52% Ni and 0.84 g/t Pt+Pd. These figures do not represent a resource as defined by National Instrument 43-101, and should not be relied upon by investors. No further work has been done on these deposits since Groupe Platine de la Fosse went bankrupt in the early 1990's.

The Blue Lake deposits are "magmatic type" Cu-Ni-PGE with a metamorphic overprint which is believed to have remobilized and concentrated the platinum group elements. The claims optioned by Rockland have been staked along strike from the Blue Lake #1, Blue Lake #2, Centre and Pogo deposits. This trend hosts potential for both massive and disseminated Cu-Ni-PGE mineralization, occurring at the base of folded ultramafic bodies overlying pyrite-pyrrhotite rich sediments that have very strong electromagnetic geophysical signatures on the Rockland option claims.

Cu-Ni-PGE deposits in the Retty Lake area are associated with the 1.88-1.87 Ga Retty Lake peridotites, and more specifically with the middle peridotite unit. The Retty Lake peridotites are classified as picrites (rather than komatiites) based on their slightly lower MgO content. Government and academic geologists who have studied the Retty Lake area believe the peridotites were intruded as sills into the layered rocks of the Labrador Trough. But, many of the exploration geologists who have worked in the Retty Lake area think that these peridotites may instead have been introduced as ultramafic lava flows on the ancient sea floor.

The magmatic Cu-Ni-PGE deposits in the Retty Lake area are similar to ore deposits in the southern Raglan belt of the Ungava (Cape Smith) belt, in northern Québec. The southern Raglan belt sulphides are associated with ultramafic sills and have Ni:Cu ratios of 1:1 or less and are enriched in PGE's. Canadian Royalties Corporation (Canadian Royalties) is developing several Cu-Ni-PGE deposits in the southern Raglan belt, and began staking claims in the Retty Lake area in 2001. In 2007 Canadian Royalties staked a large number of claims completely surrounding the claims optioned by Rockland at Retty Lake, and held onto these claims until late 2009, when they were abruptly dropped, coincident with a takeover offer of Canadian Royalties by Jien Canada Mining Ltd. This can be interpreted as strong confirmation of the discovery potential for Cu-Ni-PGE deposits in the Retty Lake area -- based on geological and geochemical similarities with the southern Raglan belt. Unlike the remote Ungava region of Québec, the Retty Lake project is close to support infrastructure at the town of Schefferville, with a railhead, airport and a seaplane base.

Two field campaigns were conducted on the Retty Lake project during August and September 2008 on behalf of Rockland. The first work consisted of wide area traverses that resulted in 96 rock samples which were fire assayed for Pt-Pd-Au and analyzed for a suite of 48 elements in search of "pathfinder" elements which may be useful in further prospecting. A second campaign focused on the Blue Lake North area where mineralized boulders were discovered. A soil grid was run over an area of more than one square kilometre and 490 soil samples were collected.

Results from the 2008 field work showed that the Blue Lake North area is likely a transported geochemical anomaly, and no mineralized outcrops were discovered. Follow-up work is recommended to verify this conclusion. The NW Retty Lake area was confirmed as being the most prospective based on the geochemistry and field mapping of the gossan zones at the base of the favourable middle peridotite unit.

It is concluded that the Retty Lake project has sufficient potential to qualify as a property of merit. An initial airborne geophysical survey, followed by a 4,875 metre drilling program is proposed in the NW Retty Lake area.

4 INTRODUCTION

4.1 *Terms of Reference and Purpose*

Rockland Minerals Corp. (Rockland) is engaged on its own behalf or as a joint venture partner in the acquisition, exploration and development of mineral properties. Rockland is incorporated under the laws of British Columbia, and has an address at Suite 600 - 999 West Hastings Street, Vancouver, BC, V6C 2W2.

Rockland intends to carry out staged exploration on its Retty Lake Project located near Schefferville, Québec, Canada and has commissioned Étienne Forbes, P.Geo and Geoforbes Services, Inc. of Sept-Îles, Québec (the author) to prepare a National Instrument 43-101 report as a requirement for filing of pertinent documents for an initial public offering and simultaneous listing of the company on the TSX Venture Exchange, and to conduct field work on the Retty Lake Project. The author is a Qualified Person as defined by National Instrument 43-101 and is solely responsible for the interpretations and conclusions of this report.

Rockland holds an option on the mineral claims comprising the Retty Lake project owned by E.D. Black. Section 6.2 describes the work commitments and expenditures required to earn the option on these mineral claims. This report includes a physical description of the property, its location, access, ownership, mineral tenure, history, a brief description of its geological setting, and an overview of previous work on the property and on adjacent areas. A description of the exploration potential for the Retty Lake Project is presented herein.

The author personally conducted two field campaigns on the Retty Lake Project in August and September 2008, the details of which are to be found in Section 4.3 of this report. The author is unaware of any material change in the scientific or technical information about the Retty Lake property since September 2008. Rockland has kept the claims in good standing since that time, and to the author's knowledge no other technical work has been performed on the claims optioned by Rockland. The author has monitored the Québec government assessment reports in the area, and has been in contact with the local service providers in the Schefferville area (train, seaplane, outfitters) in the normal course of his consulting business, and can confirm that to the best of his knowledge, no subsequent technical work has been done on the claims optioned by Rockland.

This report makes recommendations to Rockland for additional field work on the Retty Lake project.

4.2 *Sources*

In preparing this report, the author reviewed public domain geological reports, maps and miscellaneous technical papers as listed in the "References" section of this report.

The author relied on geological observations made by Ernest D. Black, P.Eng during the summer 2007 field work. These observations were verified during a field examination by the author during the fall of 2007 and presented in an assessment report filed with the Québec government (Forbes, 2008). E.D. Black is a shareholder in Rockland Minerals Corp. In addition, the author relied on results obtained from the 2008 work program conducted on the Retty Lake project properties detailed in Section 4.3.

Data compilation on the Retty Lake Project was done in 2007 by E. Trent Pezzot, P.Geop who generated 9 geological maps and a geological cross section of the Retty Lake NW and Anticline Lake areas based

on the 2007 field work and previous geological assessment reports (Forbes, 2008). The small scale regional airborne geophysical maps of the Retty Lake project and adjacent areas were generated by E. Trent Pezzot in 2007.

George F. Sanders, P. Geo visited the Retty Lake property in August 2008 and did extensive background research at the Ministère des Ressources naturelles et de la Faune du Québec (MRNF). Results of this research were presented in the "Historical Report on the Retty Lake Cu-Ni-PGE Project, Schefferville, Québec, Canada" dated November 30, 2008 (Sanders, 2008). Much of the background information on the Retty Lake project presented herein is taken from this Historical Report. Illustrations for this report were prepared by the author and by George F. Sanders and E. Trent Pezzot. George F. Sanders is a shareholder in Rockland Minerals Corp.

Although the author cannot personally speak to the quality of the historical record, the data reported is consistent with the observations of the author and is believed to be reliable.

4.3 *Field Involvement*

The author conducted his first field examination of a portion of the property from September 10, 2007 to September 14, 2007 and authored an assessment report filed with the Québec government based on the property examination (Forbes, 2008). This property examination was conducted on behalf of the property owner, Ernest D. Black, P. Eng.

The author returned to the Retty Lake project and conducted a more extensive field examination of the Anticline Lake, NW Retty Lake, Blue Lake North, Berry Lake, Doublet Lake and SE Willbob Lake areas from August 19, 2008 to August 25, 2008 on behalf of Rockland. The author was accompanied by George F. Sanders and two Géoforbes Services field assistants.

The author conducted a gridded soil and rock sampling program in the Blue Lake North area of the Retty Lake Project on behalf of Rockland from September 23, 2008 to September 29, 2008. He was accompanied by Géoforbes Services geologist Sandy Forbes and two field assistants.

4.4 *Effective Date*

This report is effective as of March 9, 2010

5 RELIANCE ON OTHER EXPERTS

Etienne Forbes P. Geo is the author of this report and has compiled this report from information available in the public record and from private corporate files. Author carried out exploration work on the property in 2007 and 2008 and therefore, meets the "Personal Property Inspection" guidelines stipulated in NI 43-101CP (Section 6).

This report relies on the information contained in numerous property assessment reports available from the Québec government, and internal company documents; particularly the "Historical Report on the Retty Lake Cu-Ni-PGE Project, Schefferville, Québec, Canada" dated November 30, 2008 (Sanders, 2008). Recommendations made herein are based, in part, on these reports. The author believes this

information can be relied upon and can be used for project evaluation and determination of value for the project. In the rare cases of uncertainty, the author has qualified that information with accompanying clarification and explanation.

The Retty Lake Project mineral claims are not legally surveyed. A land check was done on-line at the MRNF website, GESTIM (Mining Titles Management System), which is permanently updated by the Mining Title department of the MRNF. Mining titles information were downloaded in spreadsheet form and cross checked against the list of claims in the Option Agreement. Author believes at the best of his knowledge the information in sections 6.2.2 and 6.2.3 is correct and can be relied upon.

6 PROPERTY DESCRIPTION AND LOCATION

6.1 *Location and Political Subdivision*

The Retty Lake Project is centered at approximately 55° 10' N latitude and 66° 07' W longitude within NTS map sheets 23001 and 23008, approximately 60 kilometres northeast of Schefferville, Québec and 280 kilometres south of Kuujuaq, Québec -- within townships 4159, 4258 and 4259 (Fig. 1). The Retty Lake project mineral claims lie completely within the province of Québec in an area where the Québec/Labrador provincial boundary is historically well established with no conflicting jurisdictional claims.

The Retty Lake Project lies within a geographical area known as Nord-du-Québec (Administrative Region 10). Nord-du-Québec is the largest of the seventeen administrative regions of Québec and covers more than half the land area of the province. Before 1912, the most northerly part of this region was known as the Ungava District of the Northwest Territories, and, until 1987, it was referred to as New Quebec. The Nord-du-Québec region is part of the territory covered by the James Bay and Northern Quebec Agreement of 1975. The Nord-du-Québec region is itself composed of two smaller regions, the Jamésie Region south of the 55th parallel and the Nunavik region to the north. The Retty Lake Project lies immediately north of the 55th parallel, and so is within the Nunavik region.

The administrative structure of Nord-du-Québec is divided between 2 native semi-autonomous governments and 5 municipalities (Municipalité Régionale de Comté, or MRC). The Retty Lake Project lies within the Kativik MRC and the Municipalité -Rivière-Koksoak. The Retty Lake Project lies within the jurisdiction of the Kativik Regional Government, an organization governed by the James Bay and Northern Québec Agreement. The Kativik Regional Government has its head office in Kuujuaq and an office in each of the region's 13 other Northern villages. Outside the municipal boundaries of the Northern villages, the Kativik Regional Government acts as a municipality -- in this manner, it has the duties and powers of a municipal corporation.

No permits were required to carry out the 2008 field work. When an exploration camp is built, Rockland will be required to obtain a mining exploration camp permit and a septic permit from the Municipality and a mineral exploration permit from the Québec government Forestry Department.

6.2 *Description of Mineral Land Tenure*

6.2.1 Retty Lake Option Agreement

On June 30, 2008 Rockland Minerals Corp. entered into an option agreement with Ernest D. Black, P.Eng of Comox, B.C. for the Retty Lake property. The option agreement covers 199 claims located approximately sixty five kilometres northeast of Schefferville, Quebec -- within NTS map sheets 23O01 and 23O08 (Fig. 3). The total area of the claims is 46.8 square kilometres (18.1 square miles). Rockland can earn 100% interest in the Retty Lake property by issuing 2 million common shares of Rockland to E.D. Black, and by incurring aggregate cumulative expenditures on the property of \$1,850,000 by December 30, 2012 in accordance with the following schedule:

Year 1 and 2 work commitment (on or prior to December 30, 2010): \$270,000;
Year 3 work commitment (on or prior to December 30, 2011): \$745,000; and
Year 4 work commitment (on or prior to December 30, 2012): \$835,000.

Upon exercise of the Option to acquire 100% interest in the property, E.D. Black, P.Eng will retain a 3% Net Smelter Royalty on the property. Rockland has a first right to purchase 100% of the Net Smelter Royalty held by Mr. Black for \$3,000,000 (three million dollars).

The Company entered into an Amended and Revised option agreement with Mr. Black to reflect the change to the work commitment schedule.

6.2.2 Retty Lake Claims

The Retty Lake claims lie on Crown land administered by the province of Québec. Titles were acquired by E.D. Black by on-line staking through the GESTIM mining title website maintained by the MRNF. Appendix 1 contains maps and lists of individual mining claims and a list of title numbers, row, column, renewal and expiration dates, comprising the Retty Lake Project.

There are no existing mineral deposits, tailings ponds or mine waste deposits on the Rockland claims. There are no environmental liabilities associated with the claims optioned by Rockland (see Section 7.6.1 for more details). The location of potential mineralized zones within the claims optioned by Rockland, and their relationship to known mineral occurrences outside the claim block, are shown on Figure 10. Apart from an active hunting camp on Retty Lake (shown on Figure 10) there is no other infrastructure in the area.

Rockland has no specific surface rights, as the claims are on Crown land. There is an active cariboo hunting camp on Retty Lake, and presumably the owners have legal permission to undertake guided hunts in the area. The author is unaware of any other valid surface rights on the claims optioned by Rockland.

6.2.3 Legal survey

The Retty Lake Project mineral claims are not legally surveyed.

7 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

7.1.1 Access

The Retty Lake Project is in northeastern Quebec near the Labrador border, approximately 65 km northeast of the town of Schefferville, which is the nearest community and service centre for the region (Fig. 1). Schefferville is accessible by air or railroad. Air Inuit, a regional airline company, offers scheduled flights Monday, Wednesday and Friday from Quebec City and Montreal and daily flight from Sept-Îles. Charter flights can also be arranged. Rail service to Schefferville is provided by the Quebec North Shore and Labrador Railway Co. (QNS&L) in partnership with the Tshiuetin Rail Transportation. Every Thursday, there is a scheduled cargo and passenger train from Sept-Îles to Schefferville with an extra train running on Mondays during the summer season. The trip takes approximately 14 hours.

Locally, the property is accessible in summer using floatplane and in winter by skiplane services, operated by several bush air charter companies based at Squaw Lake, 10 km northeast of Schefferville. The flight time from the seaplane base at Squaw Lake to Retty Lake is about 45 minutes. Helicopters are the most efficient method of transportation for local access, but are not generally based at Schefferville. Boats provide local access on the larger lakes within the project area. Groupe Platine de la Fosse used a winter ice road to mobilize trailers, heavy equipment and materials to their Blue Lake camp from Schefferville, in support of their major exploration programs. Approximately half the distance to Blue Lake is a permanent gravel road to some private fishing camps on one of the Native settlements, the balance of the distance requires a new winter road, as the La Fosse access road no longer exists.

7.1.2 Climate

The Schefferville area has a sub-arctic continental climate characterized by long and severe winters. Lower and higher monthly mean temperatures exceed 0°C only in June, July, August and September. The lowest temperatures are reached in January and February, with monthly mean values of -28.6°C/-18.4°C and -27.7°C/-16.3°C. However, on a daily basis, temperatures can drop as low as -50°C. Combined annual precipitation (snowfall and rainfall) average 440 cm and 408 mm, respectively. Winters are dry and cold. There are approximately 100 snow free summer field days each season (Frarey, 1967). At these high latitudes summer days are long and bright. However, summer weather is highly variable with quickly changing wind and rain conditions, and explorers plan on summer field operations being down due to weather an average of three days out of ten, with down time increasing after the beginning of September.

7.1.3 Local Resources

According the 2006 census, Schefferville had a population of 202 inhabitants. A motel, restaurant, grocery store, medical clinic and church serve the community and visitors. More than 800 native people live in the Matimekossh Montagnais native community adjoining Schefferville. There are also 627 Naskapi native people living some 15 km northeast of Schefferville in the Kawawachikamak Reserve. This modern aboriginal community has its own school, a medical clinic and a recreational complex.

7.1.4 Infrastructure

Transport infrastructure consists of the airport and a railroad terminal located in Schefferville. Another very important infrastructure for mining exploration is the Squaw Lake seaplane base near Schefferville, which is operated by outfitters and two floatplane companies. Outfitting companies own and rent camp facilities for caribou hunters and fishermen, and these facilities are also available to the exploration companies from breakup in May until the end of the caribou hunting season October. In recent years no ski planes have been available locally in Schefferville during the winter. There are no facilities in the Rockland property area except for a local outfitter's camp on Retty Lake and an abandoned exploration campsite on Doublet Lake.

7.1.5 Physiography

The Retty Lake Project area is relatively flat, with local elevations ranging from about 512 metres above sea level up to 683 metres above sea level. The terrain consists of gently rolling rocky hills, separated by swamps, boulder fields and small lakes. Ridges, lakes and streams are generally elongated in a north westerly direction following the bedrock structural grain. The sub-arctic tree line crosses the project area. Spruce, larch, black birch, alder, willow trees and shrubs grow at lower elevations. Except in the most protected areas the trees are never more than a few meters tall, but dense stands of brush make walking difficult in places. Hilltops are bare rock or rock debris in the general project area. A thin layer of glacial till and/or frost-heaved ledge rock covers the bedrock in many areas and soils are poorly developed. The wooded areas tend to be confined to topographically low areas generally developed over the softer sediments of the Thompson Lake Formation. Salient, resistant igneous rocks tend to form open tundra uplands supporting only occasional spruce and tamarack trees. Figure 49 is a photograph of the Retty Lake area from the air.

7.1.6 Environmental

E.D. Black has disclosed to Rockland that he received a notice from the Quebec Government on May 20, 2004 requesting him to close up an underground adit on his claims. Upon contacting the government he was informed that the Sûreté du Québec (Québec Provincial Police) had identified a certain number of unsecured mine openings believed to be on his claims. According to a Government map supplied, Mr. Black believes that the Officer took a GPS reading on the float plane dock site on Blue Lake and not at the adit on the adjacent Groupe Platine de la Fosse Concession where a bulk sampling adit was indeed driven in the late 1980's to explore the Blue Lake-#1 deposit. E.D. Black clarified the matter with the Quebec Government in a letter to the MRNF dated June 15, 2004 and was never again contacted regarding this issue.

On August 24, 2007, the Ministère des Ressources naturelles et de la Faune (MRNF), the Kativik Regional Government, the Makivik Corporation and the Fonds Restor-Action Nunavik entered into a \$4.1 million agreement to clean up 18 abandoned mineral exploration sites in Nunavik. The agreement provides for the sites to be totally cleaned up by spring 2012. The rehabilitation will be managed by the Kativik Regional Government. Some work was carried out in summer 2007, including continuing the Blue Lake site pilot project.

During the field examination from September 10, 2007 to September 14, 2007 the author observed a cache of approximately 192 abandoned aluminium drill core trays dating from 1968 and approximately 25

plastic drill core boxes dating from 1975 at an overgrown campsite on the shore of Retty Lake just outside the boundary of the E.D. Black claims. These abandoned drill core trays and boxes are not hazardous. During the subsequent field examination on behalf of Rockland from August 19, 2008 to August 25, 2008 the author observed several other isolated sites in the NW Retty Lake area where aluminium core trays were left from previous drilling campaigns, with no more than 6-10 core trays at each site. On the western shore at the end of the NW arm of Retty Lake the author observed a cache of approximately 10-12 abandoned fuel drums. These drums are rusty and broken and presumably date from the last drilling in the area done in the 1950's and 1960's. They do not contain fuel and have no odour and are not hazardous. No spills, fuel drums containing fuel or any other toxic or hazardous substances were observed on the claims or in the immediate surroundings during the field examinations. There are no adits or other exploration excavations known to exist on the claims.

8 HISTORY

The following sections on the history of mineral exploration and development in the Retty Lake area are summarized from a more detailed history in Sanders (2008).

8.1 *Mineral Exploration*

Retty Lake is one of the larger lakes in the area and bears the name of pioneer geologist Dr. Joseph Arlington Retty (1891-1945) who worked for Hollinger North Shore Exploration Limited (Hollinger) and later the Iron Ore Company of Canada. Kavanagh (1953) states that in 1942 Dr. J.A. Retty and Dr. J.K. Gustafson flew over and sketched the gossans in the Hyland (Hylard) Lake area, and Dr. W.H. Hansen did reconnaissance mapping in the NE section of the area in 1942. A.S. Gauthier and L. Berry prospected the area that Hansen was mapping during that same season and were likely the first geologists to prospect the NW Retty Lake, Blue Lake and Berry Lake areas. Two shallow holes were drilled by Hollinger on sulfide showings near Doublet Lake in 1942, and 4 more holes were drilled there in 1944 (Moss, 1945). J.A. Retty's 1944 sketch map made from reconnaissance flights before there was topographic coverage was located in the Québec government archives (Retty, 1945). On it, he posts 4 gossan zones in the NW Retty Lake area, 3 gossan zones in the NW Retty Syncline Nose area, and 4 gossan zones in the Anticline-Hyland Lake area.

Hollinger did extensive Cu-Ni exploration in the region starting in the 1950's, including mapping the regional geology at a scale of 1 inch to 1/2 mile (1:31,680) and flying a regional airborne geophysical program in 1956. Hollinger recognized the potential of the folded peridotite units and prospected for Cu-Ni mineralization at the base of the ultramafic peridotite units in contact with underlying sulfide-rich sediments and began to discover numerous chalcopyrite and pentlandite showings. Hollinger drilled widely spaced reconnaissance holes during the 1950's on Cu-Ni showings at Retty Lake, Berry Lake, Doublet Lake and Willbob Lake now optioned by Rockland. As far as is known, Hollinger's surface and drill core samples were not assayed for platinum group elements (PGE's).

Hollinger followed up in the 1960's with additional exploration drilling that resulted in the delineation of Cu-Ni mineralized massive sulfide bodies in the Retty Lake area. These were described in various published Québec government mineral deposit inventories beginning in 1970 as the Blue Lake deposits (Blue Lake #1, Blue Lake #2, Pogo, and Centre), and they are plotted on various maps in this report immediately adjacent to the claims optioned by Rockland.

In the literature there is repeated reference to a "Retty Lake" deposit along this trend, separate from the Blue Lake deposits, which was plotted in two different places by different authors along the NW shore of

Retty Lake, lying to the north and west of the Blue Lake deposits within the present day claims optioned by Rockland (Figure 10). The Blue Lake deposits (Blue Lake #1, Blue Lake #2, Pogo, and Centre) and the "Retty Lake" deposit are cited by Dugas (1970), Avramtchev and LeBel-Drolet (1979), Fournier (1982) and Rohon (1987). Clark (1987A) gives specific grade and tonnage figures for the "Retty Lake Deposit" and cites the Groupe Platine de la Fosse as the source of this data. The various grade and tonnage figures cited in the published literature for the "Retty Lake Deposit" cannot be verified, nor can its location, and this data is not reproduced in this report. Sanders (2008) did fairly extensive research into the existence of a separate "Retty Lake" deposit and could not prove nor disprove its existence. The "Retty Lake" deposit has since been downgraded by Clark and Wares (2005) to the "Lac Retty Ouest" showing in the Québec database.

Also in the 1960's, Anaconda American Brass Limited explored mineralized sediments between gabbro sills containing conformable sulfide horizons in 1964 at Willbob Lake with magnetic, EM and geochemical surveys and 15 drill holes (Butrenchuk, 1996). Anaconda did not discover economic mineralization and dropped their claims.

In the 1970's, Falconbridge Nickel Mines Ltd. explored for Cu-Ni in the southern Labrador Trough and flew helicopter-borne geophysical surveys at Ahr Lake, Harvut Lake, Black Lake and Retty Lake (Lavoie, 1976). Falconbridge did detailed work on their Exploration Permit 608 in the Anticline Lake and Hyland (Hylard) Lake areas covered by the present day claims optioned by Rockland. They also performed reconnaissance sampling near Willbob and Doublet Lakes in areas including claims now optioned by Rockland. The helicopter-borne geophysical survey was flown for Falconbridge by Aerodat Ltd. in 1975. In July-August 1976 a horizontal loop max/min electromagnetic and magnetometer survey was done on 5 grids totalling over 25 line-miles (Lavoie, 1976). At the same time, geologic mapping and sampling was carried out by Falconbridge over a total of 35 line-miles of grid (Ouellet, 1977). Falconbridge did not follow-up on specific drilling recommendations made by Lavoie (1976) and dropped the claims.

In the early 1980's Retty Lake Mines Ltd., who changed its name to Groupe Platine de la Fosse Inc., obtained permission from Hollinger to sample mineralized half-split core stored in a large warehouse and office complex at the seaplane base at Squaw Lake near Schefferville, and the core from Blue Lake was found to contain significant platinum and palladium mineralization, up to approximately 15 grams per tonne (A.T. Avison, pers. comm., Sanders, 2008). This led to a decision by Groupe Platine de la Fosse Inc. to purchase Hollinger. So Hollinger remains a private company, wholly owned by La Fosse, holding the mining rights to the Blue Lake deposits and to iron deposits in the Schefferville area (Fenton Scott, pers. comm., Sanders, 2008). La Fosse continued drilling to explore for more sulfide lenses in the Blue Lake area and discovered the Retty Lake Centre #1 and 2, and the Blue Lake #3, 4 and 5 deposits. They brought up mining equipment over an ice road from Schefferville, and went underground with an exploration adit on the Blue Lake #1 deposit in 1985. At this time they also did some drilling on the western shore of Retty Lake within the present day claims optioned by Rockland (Butrenchuk 1997). However, by law neither Hollinger nor la Fosse was required to file exploration data with the Québec government, and none of this data is available.

In 1987 Aerodat was contracted by La Fosse to carry out airborne magnetic and electromagnetic surveys over a large portion of the southern Labrador Trough. La Fosse did geophysics and drilled in the area north of Lac Montagni on PE-734 (Dunbar, 1987) which encompasses portions of claims optioned by Rockland east of Berry Lake.

Tandem Resources did surface exploration around the location of Hollinger drill holes A-18 and A-19 north of the northwest end of Retty Lake (Scott, 1988) and Ronrico Exploration Ltd did surface work in the Anticline Lake and Hyland Lake area on PE-738 adjacent to PE-746 (Duess, 1987) without success.

Stratmin Graphite Inc. and Southern Era Resources are reported to have worked on areas covered by the present day claims optioned by Rockland, but no data has been found for these campaigns.

Despite success in further delineating Cu-Ni-PGE mineralization in the Blue Lake massive sulfide lenses discovered previously by Hollinger North Shore Exploration Ltd., Groupe Platine de la Fosse went bankrupt in the early 1990's, and no further work has been done on the Blue Lake property.

In 1995, an airborne mag/EM survey was flown by High Sense Geophysics for Northern Abitibi in 1995. Butrenchuk (1996) made an extensive compilation of regional exploration data for Northern Abitibi Mining Corp. as part of the initial exploration, and the hand-coloured map in his report with the showings, the peridotite units and EM conductors is the most complete exploration guide for the area encompassing the claims optioned by Rockland.

Butrenchuk carried out helicopter supported field work for Northern Abitibi Mining Corp. during August-September 1996 and geochemical soil and rock sample grids were run on the NW Retty Lake, Willbob Lake, Doublet Lake and Narrows areas that are now part of the claims optioned by Rockland (Butrenchuk 1997). A total of 1,235 soil samples and 139 rock samples were taken. All of the soils and rocks were fire assayed for Au and scanned by ICP for 34 elements, and most of the rock samples were also fire assayed for Pt-Pd. This is the first multi-element geochemical data covering the claims optioned by Rockland, but the sample results are not in digital format. A limited max/min electromagnetic ground survey was run in the NW Retty Lake area (Wynne, 1996) and, like the geochemical data, the grid lines and ground geophysical data are in the assessment report only as scanned paper copy. Despite positive recommendations, Northern Abitibi Mining Corp. dropped their claims in the late 1990's.

A resurgence in the platinum and palladium prices in 2001 led to staking simultaneously by three groups, E.D. Black and Associates, Romios Gold Resources Inc. and Canadian Royalties Corporation, tying up most of the known ultramafic belts in the area under the new Québec map designation system for mineral rights (GESTIM).

In early 2001, Pacific North West Capital Corp. optioned the Retty Lake Project from E.D. Black which at that time consisted of 386 claims. Pacific North West performed prospecting, geochemical rock sampling, geophysical (BeepMat) surveying and geological mapping in the Retty property area during a 5 week field program in 2001 supported by float plane and motorboat access (Pawliuk, 2001). Their main focus was the Berry Lake zone with lesser work on the Retty, Fishhook, Exclude, Hyland and Narrows zones. A total of 566 rock samples were collected from gossanous rocks, and from igneous and metasedimentary rocks mineralized by sulphides. They were mostly grab or select samples collected during prospecting. Channel sampling was done with a portable gasoline powered rock saw at a number of localities across mineralized outcropping rock units in the Berry Lake and Doublet Lake areas. All rock samples were fire assayed for Au-Pt-Pd and analyzed by atomic absorption for Cu-Ni. Eighteen of the anomalous sample pulps were re-run for 32 elements by ICP scan. The option on the property was dropped in December 2001.

E.D. Black later staked claims closer to the Blue Lake massive sulfide occurrences in the NW Retty Lake area when they were dropped by Groupe Platine de la Fosse. Pacific North West Capital Corp. again optioned the Retty Lake Project in 2004.

On July 30, 2004, E.D. Black made a prospecting and mapping trip to the NW Retty Lake area from August 2 to August 10, 2004 and Pacific North West Capital Corp. followed up with a limited budget 2 week field program from August 14 to August 26, 2004, again with seaplane and motorboat support. This field campaign concentrated on prospecting the NW Retty Lake, Anticline Lake, southern Berry Lake and South Retty areas (Pawliuk, 2004B). A total of 75 rock samples representing grab or select

samples were collected during this field work and analyzed for Au-Pt-Pd by fire assay and for Cu-Ni by atomic absorption. Despite positive recommendations, Pacific North West Capital Corp. dropped the Retty Lake Project option in late 2004.

In the summer of 2007, E.D. Black carried out a field program from July 26 to September 14, 2007 which focused exclusively on the NW Retty Lake area where historical references (cited above) had indicated the presence of a "Retty Lake Deposit", concentrating on the two locations posted on various government maps over the years. The Falconbridge detailed geology (Ouellet, 1977) was geo-referenced and digitized on a series of 8 base maps at a scale of 1:25,000. E.D. Black traversed the area covered by map sheets 8 through 5 on a grid to confirm the geology and carefully locate gossans shown on the Falconbridge map. The author performed an independent property examination between September 11 and 14, 2007 as part of this field work (Forbes, 2008).

An overgrown site of a former Hollinger North Shore Exploration Ltd drill camp on the shore of Retty Lake was discovered just outside the boundary of the E.D. Black claims during this 2007 field work with a cache of approximately 192 abandoned aluminium drill core trays dating from 1968 and approximately 25 plastic drill core boxes dating from 1975. The existence of this cache of Hollinger core boxes at this location was unknown to La Fosse geologists who worked in the area in the 1980's (A.T. Avison, Fenton Scott, and Peter Ferderber, per. comm., Sanders, 2008), although Peter Ferderber (pers. comm., Sanders, 2008) readily acknowledged the existence of the "Retty Lake Deposit" and confirmed its location as posted on the early government maps at 55° 15.3' N and 66° 12' W. This is the location of the "Lac Retty Ouest" showing plotted by Clark and Wares (2005).

8.2 *Government and Academic Studies From 1950's to 1980's*

The Geological Survey of Canada, mapped the geology of the Willbob Lake and Thompson Lake map sheets at a scale of 1:63,360 scale during four field seasons from 1950 to 1953 (Frarey 1967). These excellent geological base maps cover the present day Retty Lake project area. (A portion of Frarey's map is reproduced in Figure 15.) The Québec government mapped the entire southern Labrador Trough at a scale of 1:100,000 and made extensive, detailed regional stratigraphic correlations (Dimroth, 1987).

Two doctoral theses were done on the ore deposits of the Labrador Trough in the 1980's at the Université Pierre et Marie Curie, Paris. Fournier (1983), studied the Cu-Zn and Cu-Ni deposits of the entire Labrador Trough, and Rohon (1989) did regional mapping, petrographic and petrologic studies of the ultramafic rocks and their associated Cu-Ni mineralization in the southern portion of the Labrador Trough including the Retty Lake project area.

Lake sediment geochemical surveys were carried out by the Québec government in the Labrador Trough from 1982 to 1997 and results from these surveys show that the strongest regional Ni and Cu anomalies in the entire Labrador Trough are associated with mafic and ultramafic igneous rocks in the Retty Lake area NE of Schefferville (Beaumier, 2005). In 1984, the Québec government flew a helicopter-borne magnetic (mag) and electromagnetic (EM) ("Rexem III") survey over a large portion of the southern Labrador Trough (Lefebvre, 1984). The 1984 data was reprocessed in 1998 (Dion and Lefebvre, 1998).

9 GEOLOGICAL SETTING

The following sections on the Geology, Deposit Type, Exploration Models and Mineralization are taken from Sanders (2008).

9.1 *Regional Geology*

The Retty Lake Project area lies within the Doublet terrane of the Labrador Trough/New Québec Orogen, which is similar in age and Cu-Ni-PGE potential to the southern Raglan belt within the Ungava (Cape Smith) belt much further to the northwest (Fig. 2). The Doublet terrane is a NNW trending, fault-bounded, tectonic block that is roughly 150 kilometres long and about 40 kilometres wide at the latitude of Retty Lake (Figs. 3 and 4). The Doublet terrane is bounded on both sides by northwest trending, high-angle reverse faults with a southwest vergence, or direction of tectonic transport, towards the Superior craton -- which lies to the west of the Labrador Trough (Wardle, Ryan and Ermanovics, 1990; Clark and Wares, 2005). The Keato Lake Fault bounds the Doublet Terrane on the east and the Walsh Lake Fault bounds this terrane on the west (Figs. 3 and 4). The principal Cu-Ni-PGE occurrences within the Doublet terrane are shown on Fig. 5.

The Doublet terrane is a Lower Proterozoic, Aphebian age belt (1.88-1.87 Ga), composed of turbidites, basalt flows, gabbros and ultramafic sills (or flows) belonging to the second cycle of sedimentation and volcanism in the Labrador Trough (Fig. 4). The Doublet terrane rocks are interpreted as being formed during rifting of the Superior continent and the formation of oceanic crust. The gabbro sill event culminated at 1.87 Ga. To the east of the Doublet terrane, across the Keato Lake Fault, lie higher grade metasedimentary rocks of the 2.1-1.8 Ga LaPorte terrane, adjacent to the metamorphic hinterland of the New Quebec Orogen, which extends even farther eastward -- past the eastern boundary of the Labrador Trough. The mafic metavolcanic and gabbro belt of the Hurst zone is west of the Doublet terrane, across the Walsh Lake fault, and further to the west is the Howse zone. Both the Hurst and Howse zones contain first and second cycle volcano-sedimentary rocks, but their second cycle rocks are not stratigraphically or structurally contiguous with the Doublet Terrane. The Schefferville zone is to the west of the Howse zone; it is a package of older (2.1-1.9 Ga) clastic rocks and iron formations representing the first and second cycles of sedimentation and volcanism in the Labrador Trough (Wardle, Ryan and Ermanovics, 1990; Clark and Wares, 2005), (Figs. 3, 4 and 5).

All of the above trough-filling rocks together comprise the Kaniapiskau Supergroup, which forms part of the greater 2.4-1.8 Ga Southeastern Churchill Province of the Canadian Shield. Kaniapiskau Supergroup sediments and volcanics, in the Trough, are subdivided into three cycles -- separated by erosional unconformities (Dimroth, 1987; Clark, 1994). The first cycle are 2.2-1.9 Ga flysch sediments with lesser basalts and overlying platform sediments (Schefferville zone) deposited along the newly formed and rifted continental margin and mark the initiation of the Labrador Trough at about 2.2 Ga. The Doublet terrane rocks belong to the second cycle of sedimentation and volcanism in the Trough (1.88-1.87 Ga) and are the classic "eugeosynclinal" sediments and mafic volcanics of the Labrador Trough (Dimroth, 1971). Gabbro and ultramafic sills of the Montagnais Intrusive Suite were emplaced at this time together with voluminous basalts. A third sedimentary cycle (post 1.87 Ga) of molasse sediments in the Trough marks the initiation of the New Québec Orogen -- part of the much wider Hudsonian Orogeny.

Oblique collision of the Superior craton during the Hudsonian Orogeny caused dextral transpressional deformation, forming a fold and thrust belt with westerly vergence (the Labrador Trough), metamorphism of the belt increasing in grade from west to east, and molasse sedimentation on the margin of the Superior

province (cycle 3) from 1.82-1.77 Ga. Crustal shortening ranges from 30% to about 80% in the New Québec Orogen, and all of the lithotectonic packages (terranes and zones) in the Labrador Trough, with the exception of the three zones located along the western margin of the Trough, are considered to be allochthonous (Clark and Wares, 2005), (Figs. 3, 4 and 5).

9.2 Property Geology

The most important rock units in the Retty Lake Project area are described in detail below, from oldest to youngest (Figs. 8 and 15). Sediments of the Thompson Lake Fm. and overlying basalts of the Willbob Fm. belong to the Doublet Group. The Retty peridotites and the Wakuach gabbros belong to the Montagnais Intrusive Suite. The Wakuach gabbros and Retty peridotites are interstratified with the Doublet Group rocks in the Retty Lake project area.

9.2.1 Thompson Lake Sediments

The Thompson Lake Fm. metasediments belong to the Doublet Group, and consist of slate, siltstones, quartzites and greywackes (Ouellet, 1976) -- with intercalated mafic sills and some mafic flows and tuffs (Frarey, 1967). The shales are dark grey to black, often schistose, friable and dense, and usually contain small amounts of disseminated pyrrhotite and pyrite. The highest concentrations of pyrrhotite and pyrite occur in organic-rich black shales of the Thompson Lake Fm. These lie immediately below the middle peridotite unit, where massive sulphide horizons more than a metre thick and containing in excess of 50% sulphides can be traced for thousands of metres. Argillites are generally grey, and locally schistose. Phyllite is abundant in the area south and east of Lac Doublet and in the Lac Eracourcie area and is usually observed as frost-heaved flagstones in swampy areas. Quartzite is generally pale greyish-brown, medium to fine grained and locally is silica-indurated and cherty. Light greyish green, fine grained, thinly laminated andesite tuff is found locally within the metasediments (Pawliuk, 2001). The shaly members of the Thompson Lake Fm. tend to recede in outcrop, especially along the lower contact of the middle peridotite unit, where there are strong gossans developed throughout the Retty Lake project area.

The Doublet Group marks the beginning of widespread mafic volcanism in the Labrador Trough. The Thompson Lake sediments are described in general terms as turbidites (Moukhsil, 2002) or rhythmites (Clark and Wares, 2005). The Retty Lake area lies within the deeper part of the basin, where reducing conditions prevailed, and where the Thompson Lake sediments and thin interflow sedimentary beds of the overlying Willbob Fm. basalts are rich in iron sulphides (Scott, 1987). The pyrite-pyrrhotite rich sulphide horizon occurring at the top of the Thompson Lake Fm., immediately below the middle peridotite unit, is likely of syngenetic, exhalative origin and may be related to the early stages of voluminous basaltic volcanism (Frarey, 1967; Rohon, 1989). This pyrite-pyrrhotite rich unit plays an important role in localizing Cu-Ni-PGE mineralization at the Retty Lake Project and marks a stratigraphic timeline that localizes some of the largest Cu-Ni \pm PGE deposits in the northern Labrador Trough (Clark and Wares, 2005).

9.2.2 Willbob Basalts

The Willbob Fm., of the upper Doublet Group overlies the Thompson Lake Fm. and consists of basalts, minor slates and tuffaceous sediments (Ouellet, 1976). These rocks are light greyish-green, fine grained basalts, often exhibiting well developed pillow structures -- which aid in determining dips and tops of folded units (Pawliuk, 2001). The Willbob Fm. basalts are approximately 5,500 metres thick in the Retty Lake area (Frarey, 1967).

Within the Willbob basalts, thin sedimentary interbeds are rich in pyrite and mark horizons that are commonly occupied by stratified gabbro bodies of the Montagnais Intrusive Suite (Scott, 1987). The upper peridotite unit lies within the Willbob Fm. basalt in the Retty Lake area. The base of the Willbob basalts and the top of the underlying Thompson Lake sediments marks the stratigraphic horizon occupied by the middle peridotite unit. This geologic setting is favourable for Cu-Ni-PGE mineralization in the region, and so is the focus of Rockland's exploration activity on the Retty Lake Project.

The Willbob Fm basalts are generally considered to be tholeiitic, MORB basalts, but in detail they are compositionally variable (Clark and Wares, 2005), notably in their MgO content, which varies between 4.8 and 14.3% (Rohon, 1989, Girard, 1995). Titanium content varies between 0.6 and 1.7% (Clark and Wares, 2005). Girard (1995) notes the presence of lavas corresponding to high-magnesium basalt or komatiitic basalt in the Willbob Fm. -- within the Deborah Lake map sheet, immediately to the east of the Retty Lake area.

Laurent (1995) described the Willbob basalts as subalkaline tholeiites, similar in composition to mid-ocean ridge basalts (MORB), but richer in MgO, Ni and Cr and depleted in lithophile elements compared to MORB. Commonly, they have about 10.5% MgO, and can range up to 14% MgO. On the triangular Mg-(Fe+Ti)-Al diagram (Jensen diagram) they plot in the Fe-rich tholeiite field -- in-between the magnesian tholeiite and komatiitic basalt fields (Laurent, 1995; Clark and Wares, 2005).

All three igneous rock types in the Retty Lake area, (basalts, gabbros and peridotites), are considered cogenetic by Rohon (1989). Skulski, et. al. (1993) considers all three to have crystallized from a picritic magma which gave rise to aphyric basalts and picrites in the southern Labrador Trough. (Picritic magmas tend to be magnesium-rich because crystals of olivine have accumulated in more normal melts by magmatic processes and are not the products of more primitive, magnesium-rich melts that give rise to komatiitic lavas.)

9.2.3 Retty Peridotites

The ultramafic members of the Montagnais Intrusive Suite in the Retty Lake area are the Retty peridotites -- which in the field have lithologies including peridotite, pyroxenite and serpentinite. The Geological Survey of Canada mapped the Retty peridotites in the southern Labrador Trough over a strike distance of 160 km -- beginning about 10 kilometres south of Willbob Lake and extending north north-westward to latitude 56° (Figs. 8 and 15). Approximately 250 kilometres to the north the peridotite units reappear between Koksoak River and Hopes Advance Bay, in the northern Labrador Trough (Frarey 1967). The peridotite is a reddish-brown weathering, dark greenish grey to black (locally light grey on fresh surface), fine to medium grained rock. It often has a knobby weathered surface and is very hard and difficult to break with a hammer. The peridotite tends to be resistant to weathering and forms sinuous ridges. The peridotite is usually moderately to strongly magnetic. Locally it is serpentine-altered and mottled with greyish white spots (Pawliuk, 2001).

Frarey's (1967) GSC Memoir includes two contiguous geological maps at a scale of one inch to one mile (1:63,360), covering the entire present day Retty Lake Project area. Frarey (1967) states that there are up to three sills in a given section, although near Willbob Lake there appear to be five. These sills are normally less than 300 metres thick and are remarkably persistent and concordant relative to their enclosing stratigraphy, over distances of tens of kilometres:

- Upper Sill (>250 meters thick) intrudes the Willbob Fm. tholeiitic basalts.
- Middle Sill (30-50 meters thick) intrudes the Thompson Lake Fm. turbidites, immediately below the Willbob Fm. lower contact.
- Lower Sill (>250 meters thick) intrudes turbidites of the Thompson Lake Fm.

The peridotite and associated gabbros units are interstratified with metasediments that contain, locally, abundant sulphide mineralization -- particularly adjacent to the middle peridotite's lower contact, where extensive gossans are visible from aerial reconnaissance of the project region (Retty, 1945; Moss, 1945; Kavanagh, 1953; Dasler, 2001). The strong magnetic signature of the peridotite unit is the most significant feature on the government airborne surveys (Lefebvre, 1984). Ouellet (1976) states that the distinguishing characteristic of the middle peridotite unit is the almost continuous presence of sulphides in the lower part of the serpentinized peridotite.

The Retty peridotites, together with most of the Wakuach gabbros (described below) are referred to in the recent literature as differentiated, aphyric gabbro and peridotite gabbro sills (Clark and Wares, 2005) and sometimes as picrites (Skulski, et. al., 1993). Aphyric rocks are, by definition, devoid of notable phenocrysts; the peridotites are aphyric, in the sense that all crystals are generally about the same size, with none standing out as significantly larger (i.e., not porphyritic or phyrice). The phyrice rocks correspond to the glomerophyritic gabbro sills of the Wakuach gabbros (described below), which contain notable plagioclase phenocrysts (i.e., porphyritic); olivine is generally absent. The term "picrite" is understood to describe dark, heavy rocks essentially rich in olivine (Tom Clark, per. comm., Sanders, 2008). Picrites may contain small but variable amounts of plagioclase feldspar and usually occur as sills.

Fournier (1982) and Rohon (1986) conclude that all of the Retty peridotites are petrographically similar, even though they vary in thickness. Generally, they have a thin, chilled gabbroic margin at the bottom, which is overlain by uralitized pyroxenite (metamorphosed to amphibolized pyroxenite). Most of the entire lower half of these sills is composed of olivine-rich rocks (including peridotite, mottled peridotite, feldspathic peridotite and possibly dunite, metamorphosed to serpentinized peridotite) that always displays cumulate textures. The peridotite zone is overlain by a pyroxenite similar to that found in the basal portion of the intrusion. The upper portions of the sills are made up of uralitized gabbroic rocks.

Laurent (1995) described the middle peridotite in drill core from the Center and Pogo deposits as a differentiated picritic melagabbro, consisting of a lower ultramafic zone and an upper gabbroic zone. The lower zone constitutes about 70% of the sill and is composed of plagioclase wehrlite (olivine + clinopyroxene) and plagioclase websterite (orthopyroxene and clinopyroxene, no essential olivine) with well developed cumulus textures and intercumulus plagioclase. The upper zone is described as gabbroic and hornblende gabbro. Laurent (1995) believes that the gabbros and peridotites are co-magmatic with the Willbob basalts, and the original magma was tholeiitic -- tending towards komatiitic. Clark and Wares (2005) consider it highly significant that compositions of between 8.2 and 13.2% MgO were reported from five samples of very fine-grained rock from the chilled margins of aphyric, mafic to ultramafic sills near Blue Lake (Beaudoin and Laurent, 1989; Clark, 1989), thus confirming the presence of primitive mafic and ultramafic magmas in the Retty Lake area. They state that the presence of "hot spots" in these areas of primitive, MgO-rich magmatism increases the potential for Cu-Ni-PGE deposits (Clark and Wares, 2005, p. 43).

Hulbert (1988) states that the stratigraphic and lithological characteristics of the Retty peridotites are very similar to ultramafic-mafic sills described by Giovenazzo (1991) in the southern Raglan Cu-Ni-PGE belt in the Cape Smith (Ungava) belt. Tom Clark (per. comm., Sanders, 2008) does not feel that the Retty peridotites are sufficiently rich in MgO to be classified as komatiites. There is a "chicken-track"

crystallization texture in the peridotites reported in a few places outside the Retty Lake area, but the Retty peridotites definitely lack the "spinifex" cooling texture of true komatiites. Clark, Moukhsil and Perreault, (2004) compare and contrast the Retty Lake peridotites in the southern Labrador Trough with the komatiite flows in the northern Raglan Ni-Cu belt, and with the peridotite sills in the southern Raglan Cu-Ni-PGE belt, both of which formed at around the same time in a similar geological setting within the Cape Smith (Ungava) Belt. Bandayayera and Moukhsil (2008) describe the southern Raglan Cu-Ni-PGE trend as being associated with differentiated sills of peridotite-pyroxenite-gabbro similar in chemistry to the Retty peridotites.

Many geologists who have explored and prospected in the area feel that the Retty peridotites and the Wakuach gabbros may have been submarine extrusives (flows), which inter-finger and inter-layer with shallow water sediments, rather than sills. This conclusion is based on their remarkable stratigraphic continuity, the lack of xenoliths and the fact that no apophyses, or feeder dikes or other crosscutting relationships have been observed by anyone who has worked in the area (David Pawliuk, Ernie Black and Peter Dasler, per. comm., Sanders, 2008). On the other hand, the widespread presence of stratified gabbros in the Retty Lake area provides strong evidence for a sill style emplacement for the rocks of the Montagnais Igneous Suite. Tom Clark (per. comm., Sanders, 2008) agrees with Frarey (1982), Fournier (1982) and Rohon (1986) that the Retty peridotites are sills but adds that the peridotite of the middle sill must have been intruded very close to the sea floor. Speculation that there may have been only a single peridotite flow that is now repeated structurally by low angle, southwest verging thrust faults and/or folding (Ernie Black, per. comm., Sanders, 2008) or simply one large flow that is tightly folded (Peter Dasler, per. comm., Sanders, 2008) should be considered. However, the regional geologic map (Frarey, 1967) shows a very consistent stratigraphy in both the Thompson Lake Fm. sediments and the overlying Willbob Fm. basalts that is not disrupted by such folding or thrusting (Figs. 8 and 15).

Rohon (1986) and Clark and Wares (2005) emphasize that the middle sill lies at the precise time line that stratigraphically marks the onset of voluminous tholeiitic volcanism in this segment of the Labrador Trough, and suggest that the middle peridotite is the oldest ultramafic intrusion. If this is correct it might have the best potential to carry Cu-Ni-PGE mineralization. This supports the Falconbridge geologists' observations of well developed compositional layering textures and abundant disseminated sulphides in the middle sill, making it the best target for Cu-Ni-PGE mineralization (Ouellet, 1976).

9.2.4 Wakuach Gabbro

The mafic members of the Montagnais Intrusive Suite are the Wakuach gabbros; consisting of gabbro, metagabbro and glomeroporphyritic gabbro (Ouellet, 1976). The gabbros are dark grey on fresh surfaces, and weather dark brown to grey. With few exceptions they always overlie peridotite within the Retty project area (Pawliuk, 2001).

Kavanaugh (1953) considered the peridotites and gabbros together as "composite ultramafic and gabbroic sills", but Falconbridge geologists did not consider the peridotite sills to have a "gabbro cap" and did not recommend the Retty Lake area as having the right characteristics to form economic Cu-Ni deposits (Ouellet, 1976). Fournier (1982) and Rohon (1989) did not genetically link the peridotites to their overlying gabbros, despite their intimate spatial relationships in the field. Clark, Moukhsil and Perreault (2004) take the view that the overlying gabbros on top the peridotites mark that point at which the intrusive magmatic system became closed, permitting the magma to differentiate and thereby form gabbros.

The Montagnais gabbro sills are chemically identical to the tholeiitic Willbob basalts according to Fournier (1982) and Rohon (1986) and they occupy stratigraphic positions as though to intrude the weakest shaly members of the sedimentary formations within the Doublet Group (Ouellet, 1976). Some of the gabbros, with slightly elevated potassium contents, have a glomeroporphyritic texture and are called "leopard rock", a distinctive Labrador Trough lithology, with clots of feldspar or later clinozoisite as large as 15 centimeters or more in diameter (Scott, 1987). Interestingly, elsewhere in the Labrador Trough these glomeroporphyritic gabbro sills seem to occupy the same stratigraphic position as the middle peridotite in the Retty Lake area and are associated with Cu-Ni mineralization (Clark and Wares, 2005).

9.2.5 Structure

The single most impressive aspect of the physiography of the Retty Lake area is the folding that gives rise to the landforms (Figs. 8, 15 and photo Fig. 48); (Frarey, 1967). Folds are topographically expressed by prominent ridges and intervening curving lakes and streams; easily visible on air photographs and satellite images, and prominently displayed on all geological and geophysical maps of the region. In-between the eastern and western boundaries of the Doublet terrane, the stratigraphy is consistent, and folded horizons can be traced more or less continuously for great distances. The Doublet terrane is characterized by large, paired, plunging synclinorium and anticlinorium structures, with fold wavelengths of 10 to 30 kilometres and fold closures in the order of 2 to 5 kilometres -- formed by oblique convergence during the Hudsonian orogenic event.

In the Retty Lake area formational and structural features trend northwest-southeast and are strikingly reflected in the physiography. Contacts between the various rock units are sharp and most of the units show good stratigraphic continuity along strike. The axial portions of the main anticlinal folds are, to a great extent, underlain by easily-eroded sediments of the Thompson Lake Formation, and are therefore the sites of large lakes such as Thompson, Retty and Willbob lakes.

Fold axes strike N40°W to N50°W and plunge gently to moderately south eastward at 20° to 45° (Frarey, 1967). Folding is irregular, tight, nearly isoclinal and asymmetrical. Fold axes typically undulate and exhibit shallow plunges (Black, 2008). Well developed axial plane cleavage occurs close to fold hinges, and structural thickening has taken place within the fold hinges (Butrenchuk, 1997). Most of the folds are upright -- with only a few cases of overturning (Frarey, 1967).

Down section, from the Retty peridotites -- to the north and west of the claims optioned by Rockland, folding in less competent Thompson Lake Fm. sediments is characterized by the development of large buckles and drag-like secondary features along the limbs of major folds, which is consistent with right-hand transcurrent movement on the regional-scale Walsh Lake Fault terrane boundary, immediately to the west (Frarey, 1967). Within these structures the Thompson Lake sediments are severely crumpled and sheared. Above the main level of the peridotite sills -- in the upper part of the Doublet Group -- folding tends to be less pronounced, and the upper basalt flows of the Willbob Fm. assume a northeast facing homoclinal attitude (Frarey, 1967).

High angle faults in the direction of the NW structural grain, are typically 5-10 kilometres long and disrupt the regional folding pattern. Cross faults, trending NE and ENE, are much shorter and show map offsets of only a few hundreds of metres. Apparent left-lateral formational offsets on N-S striking faults, on the order of a few tens of metres, are notable in detailed mapping of the Blue Lake deposits (Beaudoin, et.al, 1990).

Frarey (1967) did not recognize any reverse or thrust faults in his mapping of the Retty Lake area although many of the lithological contacts are probably thrust-fault related. Dimroth (1987) mapped a number of southwest verging thrust faults in the Retty Lake area, but the extent of thrusting is not given. Beaudoin, et.al, (1990) interpreted the contact of the middle peridotite unit (with the underlying metasediments at the Blue Lake deposit) to be a thrust fault, -- although this contact appears to be conformable elsewhere in the area (Tom Clark, per. comm., Sanders, 2008).

9.2.6 Metamorphism

Regional metamorphism of Doublet terrane rocks in the Retty Lake Project area has been low grade, consisting mostly of greenschist facies and lesser amphibolite facies (Frarey, 1967). The folded peridotite units typically exhibit strong fracturing, kink banding and occasional veining of asbestiform minerals in the noses of fold structures (Butrenchuk, 1997; Pawliuk, 2001).

Contact metamorphic effects at the contact of the mafic and ultramafic peridotite/gabbro units with the sediments of the Thompson Lake Fm. are described as only a slight "baked" appearance extending for only a few inches (Frarey, 1967). Fournier (1982) also remarks that the contact metamorphic effects at the base of the intrusions are surprisingly weak, and describes "adinole" contact metamorphism in slate layers directly in contact with the peridotite and gabbro sills. Adinole is defined as zones of albitization of argillaceous sediments at the margin of a mafic intrusion. This type of contact metamorphism is likely more widespread in the Retty Lake area but it is not seen on the surface because the Thompson Lake Fm. sediments are limited in outcrop. An intriguing possibility is that the pyrrhotite in the massive sulphide horizon, immediately below the middle peridotite sill, is a result of recrystallization of pyrite and subsequent sulphur loss -- during thermal metamorphism, caused by the intrusion of the sill. This recrystallization of pyrite could have released sulphur into the magma, as a vapour phase, rather than the magma assimilating sulphides from its footwall, in the traditional model commonly used to explain the trapping and concentration of Cu-Ni-PGE by sulphide precipitation (Tom Clark, per. comm., Sanders, 2008).

Subsequent hydrothermal metasomatism of the rocks enclosing the Blue Lake massive sulphide deposits probably occurred between 1.82-1.77 Ga during the Hudsonian Orogeny. A metamorphic overprint and possible remobilization of the massive sulphides has been studied in detail in the Blue Lake #1 adit, and in drill core from the Blue Lake, Center and Pogo deposits. Foliated chalcopyrite bands and platinum and palladium enrichment of the peridotite and sediments in zones of strong chlorite alteration -- a few centimetres to more than a metre thick -- are observed in shear zones at the margins of the massive sulphide lenses (Clark, 1989; Beaudoin, et. al, 1990). Clark (1989) believes that some of the massive sulphides, occurring in the underlying sedimentary rocks at the Blue Lake deposit, were tectonically injected along a thrust fault.

10 DEPOSIT TYPES

10.1 *The Blue Lake Deposits*

Near the southwest shore of Retty Lake a cluster of Cu-Ni-PGE bearing massive sulphide lenses were discovered by Hollinger North Shore Exploration geologists in the 1950's. This is in an area now controlled by Group Platine de la Fosse and collectively termed the Blue Lake deposits or Blue Lake cluster (Fig. 10). This area is largely surrounded by claims optioned by Rockland, which in turn were

surrounded by claims staked by Canadian Royalties Corporation in 2007 that were dropped abruptly in 2009, coincident with a takeover offer of Canadian Royalties by Jien Canada Mining Ltd. (Figs. 7 and 10).

Under the old system of Mining Permits, the Québec government did not required full disclosure of exploration data and, therefore, none was filed by Hollinger North Shore Exploration Ltd. or Groupe Platine de la Fosse. The historical estimates of grades and tonnages frequently cited in the geologic literature for these Blue Lake massive sulphide lenses are believed to be accurate, but supportive drill locations, geological logs and assay data are not filed in the public domain. On the other hand, a significant amount of data was released to government and academic researchers and can be found in their reports.

According to Clark (1994) and Clark and Wares (2005), the main mineralized zones on the Blue Lake concession belonging to Group Platine de la Fosse, and shown on Figures 10 and 13 are as follows:

<u>Zone</u>	<u>Reference</u>
Blue Lake #1	(Clark 1994)
Blue Lake #2	(Clark 1994)
Centre	(Clark and Wares 2005)
Pogo	(Clark and Wares 2005)

The above government publications state specific grades and tonnages for these 4 main massive sulfide lenses, and the interested reader is encouraged to examine the cited references for more information. In general, each massive sulfide lens is reported to contain about 1 Mt of mineralized material averaging approximately 0.5% Ni and slightly less than 1% Cu. In addition, the cited Québec government literature sources state that the mineralized material in these massive sulfide lenses contains just under 1 g/t combined Pt+Pd, which was the focus of the exploration effort in the late 1980's by Group Platine de la Fosse. The author has personally seen the mine dumps and the mouth of the exploration adit driven in 1985 by Group Platine de la Fosse on the Blue Lake #1 deposit, which is widely described in the literature.

The author has not verified historical tonnage and grade estimates. These estimates, while believed to be reasonable, predate the bankruptcy of Group Platine de la Fosse in the early 1990's, and were made too early to be in accordance with National Instrument 43-101 standards. These figures do not represent a resource as defined by National Instrument 43-101, and should not be relied upon by investors. In general, these historical estimates are included herein only as an example of the type of deposits known to occur within the Retty Lake region, and are not necessarily indicative of other mineralized zones within the specific Retty Lake Project area.

The Blue Lake deposits, associated with the middle Retty peridotite sill, were first studied by Fournier (1982) and Rohon (1986) and were made the subject of a detailed mineralogical study by Beaudoin, et al (1989). The latter documented the presence of platinum group minerals. Clark (1991) describes the Blue Lake deposits as consisting of three outcropping zones of massive sulphides (along strike from one another, from east to west), as the Blue Lake #1 and #2 deposits, the Center deposit and the Pogo deposit. Several more buried zones were discovered by drilling. The Blue Lake deposits are all localized within or immediately at the base of the middle Retty peridotite sill, at its contact with the underlying Thompson Lake Fm. sediments -- typically forming lenses of variable thickness up to 6.7 meters thick that extend for 10-50 meters or more along strike and down dip. In the Blue Lake and Pogo zones, the massive sulphides are located at the base of the middle peridotite sill, at its contact with the underlying Thompson Lake Fm. sediments. In the Center deposit, the massive sulphides are within the lower third of the peridotite unit.

Margins of massive sulphide lenses are commonly sheared, with a foliated chalcopyrite-rich band in contact with chloritized host-rock. The chloritized zone extends a few centimetres to several metres from the massive sulphides.

The mineralogy of the Blue Lake massive sulphide lenses consists mainly of pyrrhotite, chalcopyrite, pentlandite and magnetite. Sulphide textures indicative of remobilization are seen at the margins of the sulphide lenses. Platinum group elements are closely associated with Cu-rich sheared margins of massive sulphide lenses and in their adjacent chloritized host rocks.

Platinum group minerals identified at Blue Lake are as follows (Beaudoin, et al, 1989):

sudburyite	PdSb
temagamite	Pd ₃ HgTe ₃
kotulskite	PdTe
bismuthian kotulskite	Pd(Te, Bi),
michenerite	PdBiTe
altaite	PbTe
unnamed mineral	Pd(Sb,Te,Bi)

Hulbert (1988), states that the pyrrhotite-chalcopyrite-pentlandite mineralization at Blue Lake consists of immiscible sulphide droplets (1-10 mm in diameter) in the marginal zone of the ultramafic cumulates, and as disseminated sulphides, net textured sulphides, and massive sulphides -- within the ultramafic cumulates -- all of which clearly demonstrate that the Cu-Ni mineralization originated as a result of magmatic segregation from the host peridotite.

Features indicative of post-magmatic sulphide remobilization are present in the Blue Lake deposits. Beaudoin, et al, (1989) believed that Cu and PGE's were remobilized from the primary magmatic sulphides by hydrothermal solutions, and were preferentially precipitated within shear zones at the margins of massive sulphide lenses. They also believed that this episode of alteration and mineralization was most likely related to deformation, during the 1.8 Ga Hudsonian Orogeny. Clark (1987) states that Ni/Cu ratios, gold and zinc anomalies indicate that part of the mineralization was mobilized by hydrothermal action that took place at the time of deformation. Secondary mineralization is composed of pyrite and chalcopyrite with traces of sphalerite and galena. The PGE minerals described by Beaudoin, et al, (1989) are not readily distinguished in the field.

10.2 *Other Mineralization*

In addition to the Cu-Ni and Cu-Ni-PGE showings, closely associated with the peridotite sills, there are numerous Cu-Zn showings in the Thompson Lake Fm. sediments throughout the Retty Lake portion of the southern Labrador Trough. These rocks are organic rich turbidites laid down in deep water reducing conditions containing abundant pyrite. There is little doubt that these argillaceous sediments contain some syngenetic Cu-Zn mineralization -- although no syngenetic massive sulphide deposits are described in the immediate area. The massive pyrite-pyrrhotite horizon at the top of the Thompson Lake Fm., in the Retty Lake project area, has potential to host Cu-Zn mineralization.

The Retty Lake massive sulphides have minor gold, and geochemical samples of sulphide showings throughout the Retty Lake Project area show anomalous concentrations of gold, generally less than 1 g/t Au.

10.3 *Exploration Models*

Clark and Wares (2005) present a compilation of the Cu-Ni-PGE deposits in the southern Labrador Trough and provide the means by which to compare the potential of this region to other mineralized belts. The Labrador Trough contains several magmatic Ni-Cu-PGE deposits with a post-magmatic, hydrothermal component. Resources discovered to date are generally about 1Mt per deposit, and Cu-Ni grades are generally less than 1.5% combined. One larger tonnage, lower grade Cu-Ni deposit is reported.

Clark and Wares (2005) classify the environment of the Cu-Ni-PGE massive sulphide deposits in the Retty Lake area as type 10b -- i.e. differentiated, aphyric gabbro sills with peridotite. Deposits in the Blue Lake area include 9 massive sulphide lenses, with a total of 4.03 Mt grading from 1.21% to 1.65% combined Cu-Ni with a Ni/Cu ratio of about 0.61. Aphyric sills of the Blue Lake, Center and Pogo deposits contain both massive and disseminated sulphides. Massive sulphide lenses are located near or at the base of the host intrusion and in some instances several lenses are stacked one above the other. The consensus is that the Retty Lake mineralizing sills were emplaced into sulphide-rich sedimentary rocks, which probably acted as a source of sulphur for the magma. Sulphur isotope studies of magmatic sulphide deposits elsewhere in the Labrador Trough support this conclusion (Clark and Wares, 2005).

Clark, Moukhsil and Perreault (2004) present a model for the formation for the Retty Lake massive sulphides as follows:

An initial magma pulse deposited mostly olivine and pyroxene from an open system and left a massive sulphide accumulation in a trap on the floor of the intrusion, as sulphides collected by gravity. These sulphides formed as a result of the assimilation of sulphide-bearing sediment located below the intrusion. A second magma pulse also deposited sulphides in ultramafic rocks, forming a lens located above the first lens. When the system closed out, the magma was able to differentiate, and gabbros crystallized.

The average Ni grades of sulphides in the type 10b aphyric gabbro/peridotite sills of the Labrador Trough are relatively low, and these are Cu-Ni deposits rather than Ni-Cu. The relatively low Ni and Cu grades of massive sulphides in these deposits suggests that the sulphides interacted with only small volumes of mafic magma. It is believed that the sulphides precipitated from the magmas shortly after sulphide saturation. This probably was because the source of most of the sulphur was the underlying sediments -- and magma movement in the sills was rather limited. The local sulphur source, and the probability that magma flow, (after incorporation of the sulphur), was limited and fairly gentle, would have prevented major metal enrichment of the sulphides in metals (Clark and Wares, 2005). The exploration challenge is to locate areas of Retty Lake peridotite in which the emplacement of the peridotite produced the most interaction between the magmas and the underlying sulphides. These situations would create better conditions for increasing sulphide metal contents within the peridotite (Tom Clark, per. comm., Sanders, 2008)

Black argillites at the top of the Thompson Lake Fm. are particularly rich in sulphides (pyrite and pyrrhotite) and the mafic magmas overlying these sulphide-rich horizons would have had greater potential for large tonnage deposits (Clark and Wares, 2005). In the northern part of the Labrador Trough, the Hopes Advance #1 deposit has an inferred resource of 31Mt at a grade of 0.2% Ni and 0.5% Cu. This larger deposit stands out among the rest of the smaller, higher grade deposits discovered to date and is an example of a possible important bulk tonnage, low grade Cu-Ni exploration target-type which should be searched for in the Retty Lake area (Clark, Moukhsil and Perreault, 2004).

An important disseminated sulphide horizon over 10 metres thick and extending for over 1 kilometre -- containing more than 5% sulphide -- was mapped and sampled at Berry Lake by Rohon (1989). This showing lies about 4 kilometres ENE of Blue Lake and is entirely within the upper peridotite sill and not associated with any sulphide-rich basal sediments. A portion of this disseminated sulphide horizon gave consistently anomalous palladium values in the range of 150 ppb Pd, and these results were confirmed and expanded upon by saw cut channel sampling by Pawliuk (2001).

PGE mineralization can accompany even the slightest disseminated sulphide accumulations in peridotites and gabbros. This type of PGE mineralization has not been systematically searched for in the Retty Lake area. Generally speaking, however, weak sulphide mineralization with PGEs would not occur in sills with basal massive sulphides, since the magma would have been stripped of its PGE by separation of early sulphides (Tom Clark, per. comm., Sanders, 2008).

The massive sulphides in the Blue Lake #1 deposit are bordered by iron-rich chloritic rock of hydrothermal origin -- containing significant PGE mineralization (Clark, 1989). Beaudoin, et. al., (1990) conclude that the platinum group elements in the Blue Lake deposits were concentrated by low temperature hydrothermal fluids during a post-magmatic, major dynamothermal metamorphic event, because PGE mineralization is clearly associated with deformation. Their hypothesis implies that PGE concentrations are secondary and tectonically controlled, and result from the remobilization of primary massive sulphides of magmatic origin. Clark (1989) also notes that Cu-Ni bearing massive sulphides were locally emplaced into sedimentary rocks beneath the peridotite sill at Blue Lake, suggesting tectonic remobilization of the sulphides.

The southern Raglan belt which hosts Cu-Ni-PGE deposits in the Ungava (Cape Smith Belt) is similar in its geological setting to the Retty Lake area of the southern Labrador Trough -- with Ni:Cu ratios of 1-to-1 or less, and enrichment in the platinum group elements (Clark, Moukhsil and Perreault, 2004).

Recent exploration in the footwall zone of the Sudbury Igneous Complex has led to the discovery of significant new Cu-Ni-PGE deposits. These are copper and PGE-rich systems, several of which are low sulphide, but PGE-rich, and characterized as disseminated-replacement mineralization, formed by a primary magmatic-hydrothermal system and driven by heat from the cooling Sudbury Igneous Complex (Péntek, et.al., 2008; Farrow and Watkinson, 1992, 1997; Farrow and Lightfoot, 2002). The Retty Lake property hosts anomalous Cu-Ni-PGE mineralization in the footwall of the middle peridotite sill (in sediments) at a considerable distance below the contact. This may be similar in origin to these Sudbury footwall deposits.

10.4 **Geophysics**

The Québec government flew a helicopter-borne magnetic (mag) and electromagnetic (EM) survey over a large area of the southern Labrador Trough in 1984 (Lefebvre, 1984) and the data was reprocessed in 1998 (Dion and Lefebvre, 1998). A complete search of the Québec government database has not been undertaken and more geophysical data may be on file for the Retty Lake area from the various surveys flown over the area. There is mention of airborne surveys flown by Falconbridge (Lavoie, 1976), Groupe Platine de la Fosse (Scott, 1988), and Northern Abitibi Mining (Butrenchuk, 1996, 1997). There is also mention of ground horizontal loop EM surveys over certain areas now within claims optioned by Rockland -- by Falconbridge (Lavoie, 1976) and Northern Abitibi Mining Corp. (Butrenchuk, 1997).

E. Trent Pezzot, P.Geol has worked on the Retty Lake area under the direction of E. D. Black, P.Eng since 2003, and during that time has obtained geophysical data, including magnetics, time-domain EM and frequency domain EM, from both the National Resources of Canada Geoscience Data Repository

(NRCAN) and the Quebec Department of Natural Resources (E-SIGEOM and GESTIM). Pezzot processed this historical data through modern software. Geological maps, from previous operators in the area, were digitized and georeferenced to digital topographic base maps. Rockland commissioned Pezzot to provide geophysical and GIS support for the Retty Lake project in 2008.

There is a striking magnetic response from the folded Retty peridotites and an equally strong EM-resistivity response from sedimentary layers containing disseminated to massive sulphides in the Thompson Lake Fm. -- especially the zone immediately below the middle peridotite unit, that hosts the Blue Lake Cu-Ni-PGE deposits. This zone extends onto claims optioned by Rockland in the NW Retty Lake area. The Retty Lake peridotites can be seen clearly on the regional magnetic map (Figs. 9, 12, 13, 14 and 15).

11 MINERALIZATION

There are many mineral showings throughout the claims optioned by Rockland in the Retty Lake area. The main prospect areas are:

NW RETTY LAKE AREA (Fig. 10)

BLUE LAKE AREA (Fig. 10)

BERRY LAKE AREA (Fig. 10)

DOUBLET LAKE -- WILLBOB LAKE AREA (Fig. 11)

All sample results presented in this section are historical results from assessment reports, filed with the Québec government -- many of which pre-date national Instrument 43-101. The author believes that these historical reports are accurate and reflect best exploration practices at the time the work was done.

During the 1990's Northern Abitibi Mining Corp. made a very comprehensive compilation of mineral showings in the Retty Lake area (Butrenchuk, 1996). This compilation map is available on the Ministère de l'Énergie et des Ressources, Québec website along with the mineral showings in table format. The compilation by Clark and Wares (2005) is more streamlined and includes the highlights of the many mineral showings on the Retty Lake Project. Butrenchuk (1997) and Pawliuk (2001 and 2004b) report new showings and detailed sampling in areas of known showings that have not been compiled in any government databases. The following is a brief summary of the most important mineral showings on the Retty Lake Project. Effort has been made to straighten out the nomenclature of the anomaly areas and propose non-ambiguous place names in this report.

11.1 NW RETTY LAKE AREA MINERALIZATION (Fig. 10)

The NW Retty Lake area is the number one priority prospect area for Rockland. Within the NW Retty Lake area three zones stand out in compilations of previous work: namely, Lac Retty Ouest, Lost Lake and Nancy Lake South.

11.1.1 "Lac Retty--Ouest" (Clark and Wares, 2005)

Coordinates: 55° 15.3' N and 66° 13' W (approx.)

This is the location of the "Retty Lake Deposit" cited by: Dugas (1970); Avramtchev and LeBel-Drolet (1979); Fournier (1982); Clark (1987); Avramtchev et.al. (1990); Clark and Wares (2005), and the Québec government database Fiche de Gîte 23O/08-0009 (2003); and, Québec Database ID Number 823200012 (2005). The coordinates used are the collar coordinates of Hollinger North Shore Exploration Ltd. drill hole A-27 referenced by Clark and Wares (2005). Frarey (1967) posts a sulphide mineral occurrence at this location. Just to the east of these coordinates, on the shore of Retty Lake, Black (2008b) found an overgrown cache of diamond drill core in 192 metal core trays -- dating from 1968; and 25 plastic core boxes -- dating from 1975, both presumably drilled by Hollinger North Shore Exploration Ltd.

Avramtchev, et.al (1990) called this the "Lac Retty Sud" sulfide lens (deposit 18) in NTS sheet 23O01, at 55° 14.4' N, and classified it as a Cu-Ni-Pt-Pd prospect with some workings but without estimated tonnage and grade.

Québec Database ID Number: 823200012 (2005)

Name: Lac Retty-Ouest

Type: Showing, no work

UTM East: 677036

UTM North: 6126929

Reference/Location: collected from drill hole A-27, 1956, at a location 400m from the shore of Retty Lake and 3.5 kms SE of the northern end of the lake.

Clark and Wares, (2005)

Deposit Number: 101

Name: Lac Retty-Ouest, (new showing replacing the former "Lac Retty" Deposit)

Deposit Type: 10b -- differentiated, aphyric gabbro sills with peridotite (Ni-Cu aphyr)

Description: massive sulphide (po+cpy+py; 0.7 m-thick in drill-hole) located at the base of a differentiated mafic-ultramafic sill, 0.60% Cu, 0.56% Ni, 0.30% Zn over 0.7 m (drill core); maximum grades of 1.0 g/t Pd, 0.5 g/t Pt, 1.5 g/t Au obtained from four samples from boulders located 1.7 km to the SE of the showing.

N.B. This is just north of the Lac Retty Ouest occurrence of Clark and Wares (2005).

Frarey (1967) posts two sulphide mineral occurrences 600 metres apart at this location. The Northern Abitibi Mining concession ended just north of drill hole A-27 location. Butrenchuk (1997) ran a 700 m soil grid in the Lac Retty Ouest area and obtained the following rock sample results.

Butrenchuk (1997) Grid Gr-RET-G1, peridotite float samples (samples 34-37 were 1m chips)

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
SBB-96-32	1280	754	10	44	157
SBB-96-34	1891	878	22	45	141
SBB-96-35	1367	984	3	49	173
SBB-96-36	1730	1700	4	56	153
SBB-96-37	1236	849	8	47	151

Pawliuk (2004) took two float samples in this area that had po and hairline cpy veinlets.

Pawliuk (2004) peridotite float with po-cpy

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
RY-052	2330	1600	4	59	158
RY-053	1465	1595	1	31	91

The averages for all these samples are as follows:

	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
	1614	1194	7	47	146

11.1.2 Lost Lake

Coordinates: 55° 16.8' N, 66° 15.6' W (approx.)

Clark and Wares, (2005)

Deposit Number: 104

Name: Lac Hyland, (Zone D from Duess, 1987)

Deposit Type: 10b -- differentiated, aphyric gabbro sills with peridotite (Ni-Cu aphyr)

Description: disseminated sulphide (1-5% cpy, 5-15% po) in a peridotite sill, 0.61% Cu, 0.58% Ni, 270 ppb Pd, 78 ppb Pt, <5 ppb Au (grab sample of peridotite).

Falconbridge's work (Ouellet, 1977) discovered disseminated sulphides associated with metaperidotite on Grid 4 from lines 68S to 88S (samples 76hy-17, 18 and 20), and a boulder, (sample 76hy-19), containing 0.51% Cu and 0.97% Ni at 76+60S/6+30E, Grid 4. Falconbridge did ground geophysics in the Lost Lake area and noted the presence of Hollinger drill hole A-20. Lavoie (1976) stated that the ground electromagnetic survey outlined a conductive zone correlating well with the magnetic pattern from line 68S to 88S and that the best geophysical target was between lines 64S and 80S. The Falconbridge maps on file with the Québec government have enough lakes and creeks on them that they can be accurately geo-referenced. There are no assay tables for the geochemical results, but the geophysical data may be in good enough shape that it could be digitized.

Rohon (1986, p. 12, carte 3) and Rohon (1989, p. 423) mapped a 900 metre long sulphide lens with po-cpy-py approximately 1 kilometre due west of the end of the NW arm of Retty Lake. Duess (1987) named the small, round lake to the south and west in the hangingwall of the sulphide lens as "Lost Lake". This corresponds to the "D" Zone at the southern edge of the PE-738 Ronrico concession where approximately 20 samples were taken (Duess, 1987).

Avramtchev, et.al (1990) plot the "Lac Retty" sulphide lens (deposit 9) in NTS sheet 23008, at Lost Lake (55° 15.4' N) and classify it as a Cu-Ni-Pt-Pd prospect with enough work to permit evaluation of tonnage, but they do not state any resources.

Butrenchuk (1997) obtained the following results from a float sample in the Lost Lake area, at the southern end of Grid GR-RET-G3:

Butrenchuk (1997) Grid GR-RET-G3, Lost Lake, peridotite float sample

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
SB-96-42	2507	1815	8	61	207

Pawliuk (2004) obtained the following results from float samples in the Lost Lake area:

Pawliuk (2004) Lost Lake (Northwest Retty Area) peridotite sampling

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
RY – 001	2,350	1,480	9	46	192
RY – 002	12,200	1,635	3	53	226
RY – 003	1,675	906	18	36	135
RY – 004	1,405	997	14	34	113
RY – 005	2,470	809	9	29	100
RY – 006	3,260	2,940	138	31	230
RY – 007	2,260	1,085	7	70	267
RY – 048	1,590	1,325	35	84	294
RY – 049	1,685	2,040	4	65	157
RY – 050	1,800	2,620	1	44	144
RY – 051	1,855	2,870	15	51	159

The averages for these samples are as follows:

	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
	2921	1710	22	50	185

11.1.3 Nancy Lake South

Coordinates: 55° 15.2' N, 66° 17.2'W (approx.)

Clark and Wares, (2005)

Deposit Number: 100

Name: Lac Anticline

Deposit Type: 10b -- differentiated, aphyric gabbro sills with peridotite (Ni-Cu aphyr)

Description: massive sulphide (po+cpy+pd?) at the center of a peridotite sill and disseminated sulphide at the base, 0.35% Cu, 0.31% Ni (grab sample).

Kavanagh (1953) traversed this area for Hollinger North Shore Exploration Limited and named Nancy Lake. Ouellet (1977) did not post Kavanagh's lake names on his maps, and Duess (1987) began calling Nancy Lake "Anticline Lake". This is unfortunate, because Nancy Lake lies along the limb of a syncline and Kavanagh's correctly termed Anticline Lake, which occupies the axis of a southward plunging anticlinal structure in-between Retty Lake and Hyland Lake, was re-named by Duess (1987) to "Fish Hook" Lake because of its distinctive shape.

There has been quite a bit of work done in this zone, stretching more than 2 kilometres from the middle of Nancy Lake -- south to the edge of the claim block optioned by Rockland. This was Falconbridge's Grid 1 and Ouellet (1977) reports that "a continuous disseminated sulphide zone is relatively well exposed at the lower part of the more magnesian unit of the sill from lines 76S to 96S. Sample 76hy-3 shows semi-massive sulphide and gave the best results: 0.36% Cu and 0.25% Ni". He also notes the presence of two angled drill holes but states that no core was left on site.

Duess (1987) identified three anomalous zones along the east side of Nancy Lake, and named them (from north to south): E-Zone, A-Zone and B-Zone. During this work a number of "washout" zones below gossans were sampled for Au, and some anomalous values were obtained. In the E Zone, approximately 0.5 kilometres north of the southern end of Anticline Lake (Nancy Lake), samples 9154 through 9158 returned values strongly anomalous in Pd, from 121 to 239 ppb Pd.

The A-Zone and B-Zone (Duess, 1987) correspond to the Grid 1, 76S to 96S interval of Falconbridge's mapping (Ouellet, 1977). The A-Zone, situated approximately 200 metres south of the southern end of Nancy Lake, had palladium values ranging from 39 to 226 ppb Pd. Copper values were from 147 to 2440 ppm, and averaged approximately 1,500 ppm Cu. Some A-Zone samples were selectively assayed for Ni, and results suggested a general 1:1 Cu:Ni ratio (Duess, 1987).

The B-Zone is located approximately 50 metres west of the south end of the A-Zone. This zone appears to be parallel to the A-Zone (Duess, 1987) but Falconbridge considered the possibility that the repetition of the sill might be due to faulting (Ouellet, 1977). All twenty of the B-Zone samples returned strongly anomalous Pd values from 90 to 396 ppb Pd, averaging 242 ppb Pd. Significant Cu values ranged from 2,220 to 4,380 ppm Cu, and averaged 3,302 ppm Cu. Ni values ranged from 1,550 to 3,040 ppm and averaged 2,515 ppm Ni (Duess, 1987). The B-Zone, situated proximally to the basal contact of the middle peridotite sill, had stronger Pd, Cu and Ni values than the A Zone, situated towards the upper contact of the sill (Duess, 1987).

Butrenchuk (1997) sampled float only and did not run any soil grids in this area. His anomalous results are as follows.

Butrenchuk (1997) peridotite float samples, Nancy Lake South (1m chip samples)

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
SBB-96-21	1667	893	27	54	204
SBB-96-21A	1109	583	11	40	162
SBB-96-21B	1424	913	18	46	175
SBB-96-21C	1404	1601	41	48	183
SBB-96-45	3086	1732	8	92	305
SBB-96-59	2646	1921	7	104	376

The averages for these samples are as follows:

	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
	1847	1281	21	67	243

11.1.4 Drumstick West Zone

Coordinates: 55° 17' N, 66° 20' W (approx.)

This area is at the base of the strongly folded lower sill near the west end of Drumstick Lake. This area was within Tandem Resources' PE-739, and Scott (1988) reports 385 ppb Pt and 85 ppb Pd in sample number 02630 from the vicinity of Conductor 26 (from the Aerodat survey) and located approximately at UTM 6,130,200N and 669,700E -- about 400 meters north of the west end of Drumstick Lake.

Pawliuk (2001) traversed this area and collected one sample of peridotite float with visible cpy.

Pawliuk (2001) Figure 6, peridotite float sample

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
111523	2071	2245	10	47	190

11.1.5 NW Retty Syncline Nose

Coordinates: 55° 17.3' N, 66° 15.6' W (approx.)

This large zone encompasses the nose of the major south-plunging syncline along the shore of the NW arm of Retty Lake, and lies about 2 kilometres NW of Lost Lake. The nose of the syncline was just outside the Ronrico concession (PE 738), and no samples were taken over the most interesting area (Duess, 1987). Scott (1988) posts a chalcopyrite showing within the Tandem Resources concession (PE 739) at the fold nose and mapped a 1-5 meter thick zone of 5-10% po-cpy on the east side of the fold nose. Sample results are posted by hand in the appendix to the report, and results are not plotted on the map. Pawliuk (2004) concentrated on the Lac Rohon (Notch Lake) area 2 kilometres to the south, and did not traverse this zone.

Butrenchuk (1997) ran a 2,600 m soil grid over this area. Grab samples from peridotite float in this zone, taken on the east limb of the fold structure (Butrenchuk, 1997) returned the following results:

Butrenchuk (1997) Grid GR-RET-G3, peridotite float samples, NW Retty Lake Syncline Nose Area

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
SB-96-52	1244	405	4	18	139
SB-96-54	595	1119	5	26	101
SB-96-56	944	1636	4	32	91
SB-96-57	666	1240	3	15	83
SB-96-58	648	1353	1	31	95
NLS-96-35	907	961	3	21	66
NLS-96-36	1456	917	13	32	122
NLS-96-34	1024	1117	4	14	42
SBB-96-17	1218	1456	22	80	256

The averages for these samples are as follows:

	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
	987	1174	8	32	111

11.1.6 Notch Lake

Coordinates: 55° 16.0 N, 66° 14.6' W (approx.)

This area is opposite a prominent notch in the shoreline of Retty Lake. The small lake along the middle peridotite zone has been called Lac Rohon, although Rohon's (1989) sulphide zone is definitely located about 2 kilometres to the north -- at Lost Lake. Butrenchuk (1997) ran a 600 m soil grid and did float sampling in this area with results as follows:

Butrenchuk (1997) Grid Gr-RET-G2, peridotite float samples

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
SBB-96-39	440	1384	14	33	103
SBB-96-40	741	1418	2	32	114
SBB-96-41	767	1438	3	15	27

Pawliuk (2004) Notch Lake peridotite sampling

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
RY-042	1150	1130	1	38	154
RY-047	513	545	3	24	52
RY-059	246	838	1	29	58

The averages for these samples are as follows:

	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
	643	1126	4	29	85

11.2 **BLUE LAKE AREA MINERALIZATION (Fig. 10)**

11.2.1 **Blue Lake North**

Coordinates: 55° 14.5' N, 66° 07.9' W (approx.)

Butrenchuk (1997) posted a Ni showing on Groupe Platine de la Fosse PEM-998, immediately north and west of Blue Lake -- mapped by Frarey (1967) as the lower peridotite sill. Pawliuk (2001) traversed this area, which he called the "Retty Zone" and obtained the following anomalous results:

Pawliuk (2001) Blue Lake North ("Retty Zone") grab samples from float

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
130569	769	375	6	61	248
130570	1,815	1,287	2	11	68
130823	1,042	477	3	14	81
130825	162	1,294	<1	20	73
130827	2,035	129	<1	<5	10

The averages for these samples are as follows:

	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
	1165	712	3	22	96

11.3 **BERRY LAKE AREA MINERALIZATION (Fig. 10)**

11.3.1 **Berry Lake**

Coordinates: 55° 14.6'N, 66° 03.9' W (approx.)

Avramtchev, et.al (1990) describe the "Lac Berry" Ni-Cu sulphide lens (deposit 3) in NTS sheet 23O01.

Unlike most of the other mineralization in the Retty Lake Project area, the Berry Lake sulphide horizon is within the upper peridotite unit. Rohon (1986, p. 12, carte 4) shows a cross section of the Berry Lake sulphide lens and Rohon (1987, carte 3) mapped an eastward dipping, continuous disseminated sulphide horizon, approximately 17 metres of true thickness -- with 10-50% pyrrhotite, that lies entirely within the upper peridotite, approximately 20 metres above the base. The upper peridotite intrudes basalts of the Willbob Fm. There are no sedimentary horizons mapped in the immediate area. This disseminated sulphide band forms a prominent gossan visible from the air.

Pacific North West Capital Corporation did extensive surface work in the Berry Lake zone in 2001 and returned in 2004. The east-dipping sulphide-rich zone extends for 1.4 kilometres on Rohon's sketch map and Pawliuk (2004) traced gossans further south along this horizon -- for a total strike length of almost 2 kilometres. This sulphide-rich zone is near the base of the peridotite, but not at the lower contact. Rohon (1987, 1989) shows two sulphide lenses within the Berry Lake zone -- one in the main synclinal fold axis, and a smaller fold structure on the west limb -- that have over 50% sulphides containing cpy-py-po. Pawliuk (2001) chip sampled and saw-cut channel sampled the Berry Lake zone, collecting 42 saw-cut channel samples and 77 chip samples (Fig. 20). Chip samples across one end of this mineralized band contain an average of 107 ppb palladium, 60 ppb platinum, 11 ppb gold, 340 ppm copper and 297 ppm nickel, across 18 metres. Other samples along this disseminated sulphide band were also anomalous in Cu-Ni-Pt-Pd, over a strike length of approximately 700 metres. Pawliuk (2001) notes that the mineralized peridotite band at the Berry Zone is foliated, sheared and more fractured than the adjoining peridotite and has tiny crosscutting veinlets of pyrrhotite and chalcopyrite plus somewhat larger veins of magnetite -- suggesting that the mineralization may be, in part, epigenetic in nature.

The saw-cut channel samples penetrated through the strong weathering rind, that is approximately 15 mm thick, and sampled fresh sulphides in the gossan zone. A comparison between the analytical results from chip samples and results from channel samples showed that the concentrations of platinum, palladium and copper are similar in the cut channel samples and the chip samples. However, the saw-cut channels contain significantly higher nickel concentrations than the chip samples (Pawliuk, 2001).

Pawliuk (2001) Comparison between chip and cut channel samples from Berry Lake

SAMPLE	Cu ppm	Ni ppm	Au ppb	Pt ppb	Pd ppb	REMARKS
130601	238	85	4	22	81	Chip
111661	424	1095	10	38	63	Channel
130602	311	70	5	28	64	Chip
111662	318	1371	9	36	55	Channel
130603	300	191	10	43	73	Chip
111663	327	1450	14	47	90	Channel
130607	382	772	14	78	149	Chip
111664	282	1490	9	63	106	Channel
130608	319	115	17	77	106	Chip
111665	377	1606	16	68	115	Channel
130609	355	850	3	62	89	Chip
111666	455	1541	8	72	97	Channel
130610	295	381	10	90	119	Chip
111667	462	1667	16	77	140	Channel
130615	424	161	13	60	144	Chip
111668	392	1912	6	70	139	Channel
130616	377	391	2	50	85	Chip
111669	534	1012	25	78	120	Channel
130617	429	633	9	61	123	Chip
111670	550	1775	6	65	112	Channel
130618	186	523	7	42	48	Chip
111671	520	2327	11	63	105	Channel

The averages for the channel samples only are as follows:

	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
	422	1568	12	62	104

11.3.2 Berry Lake East

Coordinates: 55° 14.3 N, 66° 02.1' W (approx.)

The Berry Lake East showings were explored by Hollinger North Shore Exploration Company Ltd. in the 1950's and 1960. Groupe Platine de la Fosse did geological mapping, ground geophysics and drilling in the 1980's in the area just south of the claims optioned by Rockland (Dunbar, 1987).

11.4 **DOUBLET LAKE -- WILLBOB LAKE MINERALIZATION (Fig. 11)**

This was one of the first areas to be prospected in the region. Hollinger North Shore Exploration Ltd. and Anaconda American Brass Limited drilled a few holes in this area from the 1940's to the 1960's. Pacific North West Capital Corporation conducted an exploration program in 2001 that included saw-cut channel sampling in the Doublet Lake area (Pawliuk, 2001) (Fig. 21).

The mineralization in the Doublet Lake-Willbob Lake area is distinct from the NW Retty Lake and Berry Lake areas, with generally stronger copper values. Nickel values are much lower (but still anomalous), and the mineralization is mostly in sediments; also, PGE values are uniformly low, with only one exception, from the Doublet Narrows zone (Pawliuk, 2001). The potential in the Doublet Lake-Willbob Lake area appears to be for copper only, and perhaps for Au and Zn. However, the anomaly areas are extensive, and the gossan zones are very strong.

11.4.1 Doublet Main Zone

Coordinates: 55° 04.2' N, 66° 08.1' W (approx.)

The Doublet Main Zone is located east of the narrows in Doublet Lake. Massive and disseminated pyrrhotite, pyrite and chalcopyrite occur within banded argillite, interstratified with less well-mineralized quartzite, phyllite and meta-arkose. These sediments lie below a folded peridotite unit.

Butrenchuk (1996)

Mineral Occurrences, Map Area 23O, Map 1209A Wakuach Lake

Cu 2 "Doublet Lake" (72) Lat. 55° 04.2' Long. 66° 08.1' (missing card)

Fournier (1982), Section A-A', Showing N° 1, Type 3 py-po in slates,

Rohon (1986)

Pawliuk (2001), Doublet Main Zone, grab samples of sediments with po-cpy

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
130620	10665	47	6	<5	<1
130530	2877	390	44	<5	7
130524	2432	452	21	<5	2
130528	2075	255	62	<5	8
130516	1919	410	48	<5	<1
130532	1750	246	22	5	5
130536	1621	334	55	<5	3
130535	1542	322	35	<5	2

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
130527	1425	341	87	<5	11
130619	1104	126	5	7	2
130534	1080	318	66	<5	3
130704	1076	425	49	<5	2
130621	1027	143	12	<5	<1
130632	1004	110	2	<5	<1

The averages for these samples are as follows:

	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
	2257	280	37	5	4

11.4.2 Doublet Camp Zone

Pawliuk (2001) Doublet Camp Zone, grab samples of sediments with po-cpy

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
130875	5374	165	4	-5	12
130776	3453	78	8	-5	32
111527	2974	124	30	-5	-1
130873	2352	135	24	-5	2
111547	1802	121	21	-5	2
130775	1618	142	38	-5	-1
111526	1291	155	24	-5	2
111551	1277	137	55	-5	-1
111542	1248	14	2	-5	5
111525	1181	136	46	-5	1
130874	1067	158	12	-5	12

The averages for these samples are as follows:

	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
	2149	124	24	5	6

11.4.3 Doublet Narrows Zone

Pawliuk (2001) Doublet Narrows Zone, grab samples of sediments with po-cpy

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
130852	6502	2207	37	38	149
130598	3501	249	-1	6	-1
130579	2961	55	16	-5	3
130744	1558	83	90	-5	4
130583	1549	111	-1	-5	2
111562	1396	88	91	6	5
130739	1107	90	71	-5	2
111564	1053	85	35	-5	5

The averages for these samples are as follows:

	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
	2453	371	42	9	21

11.4.4 Northwest Doublet

Pyrite-pyrrhotite occurs in a 10-25 metre wide band of interbedded shale, argillite and quartzite, extending for over a kilometre to the north and west of the north end of Doublet Lake, beneath a ridge-forming peridotite unit. Zones of locally massive pyrite-pyrrhotite occur near the top of this band, near the peridotite contact (Pawliuk, 2001).

References:

Fournier (1982) Section B-B', showing N° 7, Type 6 contact zone of peridotite

Butrenchuk (1996)

Que 23001, Cu 10, Doublet Lake NE #1 (62)

Lat. 55° 06.3', Long. 66° 10.7'

Pyrrhotite-chalcopryite near contact with slate, lavas are heavily mineralized

Hollinger North Shore 1958

Butrenchuk (1996)

Que 23001, Cu 11, Doublet Lake NE #2 (64)

Lat. 55° 07.0 ', Long. 66° 12.3'

Chalcopryite in volcanic rock at slate contact

Hollinger North Shore 1958

Pawliuk (2001), at N end of Lac Doublet.

Pawliuk (2001) Northwest Doublet Zone, grab samples of sediments with po-cpy

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
130817	8992	170	8	-5	4
130783	8284	278	36	7	6
130882	2751	290	7	-5	1
130718	2183	166	30	-6	2
130809	1542	145	2	-5	2
130818	1485	250	42	-5	2
130816	1277	257	12	-5	2
130883	1230	315	9	-5	2
130881	1153	295	4	7	2
130810	1136	255	14	-5	16
130714	1002	234	20	-5	14

The averages for these samples are as follows:

	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
	2821	241	17	5	5

11.4.5 Willbob Lake

Butrenchuk (1996)

Que 23001, Cu 9, Willbob Lake (61)

Lat. 55° 08.4', Long. 66° 16.8'

Chalcopyrite and sphalerite in sedimentary rocks between gabbro sills, conformable sulphide horizons, also quartz veinlets with chalcopyrite. Anaconda American Brass Ltd. 1964 mag, EM, geochem and 15 drill holes.

12 EXPLORATION

The Retty Lake property had approximately \$168,000 worth of exploration work done in 2007 by E.D. Black, consisting of line-cutting and detailed geological mapping and resulted in a recommendation for drilling for Cu-Ni-PGE targets in the NW Retty Lake area (Forbes, 2008). Following signing of an option agreement in June 2008, Rockland carried out approximately \$111,000 of field work which consisted of gridded soil sampling in the Blue Lake North area and geochemical rock samples on other strategic showings. This 2008 work applies to the qualifying expenditure requirement.

12.1 *Field Work -- 2007*

Exploration during the 2007 field season by E.D. Black, P.Eng involved establishment of a six kilometre baseline cross-line grid system in the NW Retty Lake area. This grid can be seen in Figure 16 and in Figures 21-24, extending along the NW shore of Retty Lake. Cross-lines were cut to 150 metres on either side of the baseline at 500 metre intervals from 13 NW to 65 NW. This grid follows the gossanous trend along the base of the middle peridotite unit, from the vicinity of the Pogo Lake deposit in the south, through the Lac Retty Ouest, Notch Lake and Lost Lake areas, and ending up in the NW Retty Syncline Nose area, northwest of the end of Retty Lake. The purpose of this grid was to link up and detail map the favourable contact zone from Pogo Lake to the NW Retty Syncline Nose area --- detail mapped by Falconbridge geologists, in 1957, and extend the Falconbridge mapping almost 4 kms to the south via new geological mapping by E.D. Black. A detailed compilation map and drill program for this important sector was the outcome. The mapping was compiled on 8 plates, and these maps are reproduced as Figures 16-24.

Figure 25 is a cross section on line 25NW containing Hollinger drill hole-27, drilled in 1957, interpreted by E.D. Black. This is the location of the Lac Retty Ouest showing of Clark and Wares (2005) and less than 2 kilometres northwest of a cache of approximately 192 abandoned aluminium drill core trays dating from 1968 and approximately 25 plastic drill core boxes dating from 1975. The author visited this area from September 10, 2007 to September 14, 2007 and collected 4 samples for XRF analysis of major oxides which confirmed the presence of ultramafic rocks (Forbes, 2008).

12.2 *Field Work -- 2008 (Rock Sampling)*

The author conducted two field campaigns on the Retty Lake project during August and September 2008 on behalf of Rockland. The first field work was undertaken from August 19 to August 25, 2008. The author was accompanied by George F. Sanders, P.Geo and two field assistants. The crew reached the project area via float plane from the Squaw Lake seaplane base at Schefferville, and utilized the caribou

hunting camp on Retty Lake operated by Club Chambeaux and Air Saguenay. From the Retty Lake camp, the main block of claims optioned by Rockland were accessed via small motorboat and then by foot traverses. The claims optioned by Rockland in the Doublet Lake and Willbob Lake areas were reached via a separate float plane trip from the Squaw Lake base. The seaplane flight into the area on August 19, 2008 provided an opportunity to take hundreds of digital photographs from a low elevation, which are very useful in planning and interpretation.

The main purpose of the August field work was to collect mineralized samples of the Retty Lake peridotite in as many places as possible in order to analyze for a complete trace element suite in addition to Cu-Ni-Pt-Pd. In addition, the compilation of the Falconbridge mapping was field checked on portions of Plates 1-4 (Figs. 16-20). Rock sample locations for the various areas are shown in Figures 26-29. Most of the samples were from rusty boulders found in float with the exception of outcropping areas with mineralization at Berry Lake and Doublet Lake.

A total of 96 rock samples were taken during the 2008 campaign (63 in August and 33 in September). All were analyzed for Au-Pt-Pd by fire assay fusion with ICP-AES finish, and for a suite of an additional 48 elements by ICP-AES and ICP-MS methods following a 4-acid digestion. Analyses were performed by ALS-Chemex Laboratory in Vancouver, BC following sample prep in Val-d'Or, Québec. Table 1 contains sample numbers and location coordinates, Table 2 contains rock sample descriptions and observations, and Table 3 contains selected assay results for the elements Cu, Ni, Au, Pt, Pd, Cr, Co, As, Sb, Bi, Te, Ag, Mo, Pb, Zn, Mn, Fe, and S which may be useful "pathfinders" for further prospecting. Highlights from the rock sampling are as follows:

12.2.1 Lost Lake (Figs. 10 and 27)

Lost Lake grab samples from float, August 2008

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
RL02/456152	518	1110	2	27	59
RL03/456153	1200	950	15	56	193
RL04/456154	743	1050	9	29	89
RL05/456155	1760	1310	15	52	226
RL06/456156	795	1040	13	16	91

There were 3 samples from the Lost Lake area which had slightly anomalous Mo (25, 33 and 41 ppm), and one sample had slightly anomalous Pb (20 ppm); these same rocks were all low in Cu-Ni-Pt-Pd. One sample had 351 ppm Zn, the rest were low. Samples with high Cu-Ni-Pt-Pd also had anomalous Cr (900-1400 ppm) and Co (115-165 ppm).

12.2.2 NW Retty Syncline Nose (Figs. 10 and 27)

NW Retty Syncline Nose grab samples from float/outcrop, August 2008

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
RL10/456160	1130	786	2	26	83
RL14/456163	421	665	<1	25	78
RL15/456164	571	910	2	21	82
RL50/456205	1190	1630	6	56	229

There were 3 samples from the NW Retty Syncline Nose area that had slightly anomalous Mo (27, 35 and 40 ppm), and one sample had slightly anomalous Pb (20 ppm); these same rocks were all low in Cu-Ni-Pt-Pd. One sample had 351 ppm Zn, the rest were low. Samples with high Cu-Ni-Pt-Pd also had anomalous Cr (850-1600 ppm) and Co (80-170 ppm).

12.2.3 Nancy Lake (Figs. 10 and 27)

The main anomaly area at Nancy Lake South was not reached during the August traverse. Results from a handful of samples taken north of this area did not return significant Cu-Ni-Pt-Pd geochemical results; the highest values obtained were 364 ppm Cu and 662 ppm Ni with no Pt-Pd. . Two samples had detectable Te (1 and 3 ppm Te), and one of these samples had slightly anomalous As (75 ppm) and slightly anomalous Mo (18 ppm).

12.2.4 Berry Lake (Figs. 10 and 28)

Berry Lake grab samples from outcrop, August 2008

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
RL23/456172	443	1740	10	63	128
RL24/456173	422	1915	19	40	92
RL25/456174	477	1875	56	50	97
RL26/456175	455	1410	8	55	85
RL27/456176	578	2140	11	67	120
RL28/456177	473	1440	4	44	76
RL54/456209	374	1385	5	25	68
RL55/456210	643	2510	18	89	179

Many of the Berry Lake samples were taken in the channels that were saw-cut in 2001 by Pacific North West Capital Corp. (Pawliuk, 2001). All samples from this area had low As-Pb-Mo-Zn. Accompanying the high Cu-Ni-Pt-Pd geochemical results was anomalous Cr (1500-2200 ppm) and anomalous Co (200-250 ppm). The mineralization at Berry Lake is within the upper peridotite unit, rather than the middle peridotite unit, and Cu values are considerably lower than in samples from the middle peridotite.

12.2.5 Blue Lake North (Figs. 10, 26 and 30)

Blue Lake North grab samples from float, August 2008

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
RL29/456178	1020	105	6	52	179
RL30/456179	977	1265	18	49	147
RL32/456180	1545	1600	5	33	132
RL33/456181	1065	802	5	31	147
RL35/456183	1365	1735	10	35	166
RL58/456213	772	654	7	30	122
RL69	2590	1825	21	43	199
RL71	1125	1340	8	43	150
RL72	1490	1540	12	45	156
RL74	967	1125	4	32	123

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
RL75	1960	1365	3	53	174
RL76	3370	2290	8	63	305
RL77	2300	1640	11	43	193
RL78	2040	2030	14	37	211
RL79	2100	1655	3	83	309
RL80	1890	1525	20	51	183
RL81	2410	1985	24	79	295
RL83	1405	1560	<1	47	150
RL85	989	721	7	44	177
RL86	1420	1720	<1	41	153
RL87	2120	1530	4	63	190
RL91	2570	1740	4	82	314
RL93	2000	1680	6	36	215
RL95	1165	1515	97	45	186
RL98	1920	282	7	37	165
RL99	1630	310	10	42	215
RL100	2900	1880	9	61	295
RL102	870	1560	<1	102	222

None of the float samples from the Blue Lake North area had anomalous As-Pb-Mo-Zn. Accompanying the high Cu-Ni-Pt-Pd geochemical results was anomalous Cr (1300-2400 ppm) and anomalous Co (150-220 ppm). According to the geologic map, the Blue Lake North area is within the lower peridotite unit, if the mineralized float is, indeed, belongs to this unit and is not glacially transported.

12.2.6 NW Doublet Zone (Figs. 10 and 29)

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
RL59/456214	4	1025	1	8	7
RL60/456215	20	1125	<1	7	3
RL61/456216	3420	531	60	<5	1
RL62/456217	9700	365	24	5	7
RL63/456218	4430	962	107	<5	4
RL64/456219	1315	250	12	<5	4
RL65/456220	1500	355	34	<5	15
RL67/456221	637	344	13	<5	14

Peridotite samples from the NW Doublet zone had the highest Cu values found by Rockland to date, and the Cu is associated with detectable Te (3-4 ppm Te) and lower Cr-Co. Two of the high Cu samples are slightly anomalous in Mo (15 and 22 ppm Mo). The Ni values are much lower than in the NW Retty Lake area (250-950 ppm Ni). Two samples had higher Ni (1025 and 1125 ppm Ni) but had very low Cu. They were accompanied by high Cr (2320 and 2440 ppm Cr) and slightly anomalous Co (94 and 105 ppm Co). None of the 8 samples from the NW Doublet zone were anomalous in Pt-Pd. It is not clear if the peridotite unit in the Doublet-Willbob area correlates with the middle peridotite unit hosting the majority of the anomalous Cu-Ni-PGE showings in the NW Retty Lake area.

12.2.7 Doublet Main Zone (Figs. 10 and 29)

Sample Number	Cu (ppm)	Ni (ppm)	Au (ppb)	Pt (ppb)	Pd (ppb)
RL36/456184	4	975	1	<5	5
RL38/456186	1340	597	33	<5	2
RL40/456188	1740	314	26	<5	3
RL42/456190	1360	431	56	<5	7
RL44/456192	826	289	32	7	17

Mineralized outcrops in the Doublet Main zone are exclusively within sediments below a peridotite unit, and they exhibit a much different geochemistry when compared to the NW Retty Lake area. There is only moderate Ni accompanying Cu, and Pt-Pd are not anomalous. Values for Cr are much lower, but 2 of the samples had higher Co than elsewhere on the claims optioned by Rockland (308 and 457 ppm Co). Most of the samples from the Doublet Main zone had detectable Te (4-5 ppm Te), and most had anomalous Mo (17-35 ppm Mo).

12.3 *Field Work 2008 Blue Lake North Soil Sampling (Figs. 26, 30-45)*

After the sample results were received from the August field work, more work was warranted in the Blue Lake North area, where rusty peridotite boulders with disseminated sulfides were large and angular, and appeared to be very near to their source (Photos -- Figs. 51 and 52). It was felt that gridded sampling with soil and selected rock samples might shed light on the question of whether or not these were close to their original source within the lower peridotite unit or whether they had been glacially transported approximately 1-2 kilometres northward from the outcropping mineralization at Blue Lake.

The author returned to the Retty Lake project from September 23 through September 29, 2008, accompanied by Sandy Forbes, P.Geol and two field assistants. A total of 490 soil samples were collected using an auger sampler in the Blue Lake North area. An additional 33 mineralized boulders were sampled within the grid to complete the August 2008 grab sampling coverage.

A few peridotite outcrops were located within the grid area, but they were not mineralized. Rusty peridotite float of varying sizes was well distributed throughout the area, with a small concentration in the east-central portion of the grid. Locally, mappable increases in the number of sulfide boulders coincided with portions of the soil geochemical anomalies. Anomaly zones tend to overlap inferred bedrock contacts (Figure 32) and geochemical anomalies definitely do not follow the project bedrock trends. Rather, the anomalies are more likely due to the northward transport of glacial till.

12.4 *Exploration Expenditures in 2008*

Expenditures by Rockland for new exploration in 2008 were approximately \$111,000.

13 DRILLING

The History section contains information about previous drilling. There has not been any drilling on any of the areas comprising the Retty Lake Project by Rockland.

14 SAMPLING METHOD AND APPROACH

The 2008 rock sampling program was designed to obtain sulfide-rich grab samples for multi-element geochemistry from as many places as possible on the claims optioned by Rockland using previous reports of mineral showings as a guide. Outcrops were scarce, and as a result, much of the sampling was done by locating rusty boulders of peridotite containing disseminated sulfides along folded outcrop trends, reflected in the regional geological mapping. Heavy duty 5 lb hammers and chisels were used to obtain samples from the hard, dense peridotite. A portable rock saw was mobilized to the site to aid in sampling the hard peridotite, but it proved impossible to carry it on the long traverses required to get the wide sample coverage desired.

The 2008 sampling program was reconnaissance in nature, and was carried out over a wide area of the claims optioned by Rockland, focusing on the mineral showings posted in Figures 10 and 11. GPS coordinates of all 2008 rock samples are listed in Table 1. The rock sampling program focusing on visible sulfide mineralization in hand samples was successful, and a good representative multi-element geochemical suite was generated for the first time over the claims optioned by Rockland. Several channel sample sites, cut by a previous exploration company in 2001, were re-sampled, but only on a reconnaissance basis with chip-hammers, to confirm the presence of mineralization and to obtain multi-element geochemical data. No attempt was made to obtain any new data on sample widths in the channel areas.

The 2008 soil sampling program on the Blue Lake North grid was done with a small soil auger (Photo, Fig. 52). There was concern that not enough regolith would be developed in the area, but adequate sample material was found across the grid area.

15 SAMPLE PREPARATION, ANALYSIS AND SECURITY

Rock samples collected in August and September 2008 were located using Garmin GPS units (accuracy of $\approx \pm 5-10$ m), described in field notebooks, numbered with a laboratory assay ticket, and bagged in a plastic sample bag under the supervision of report's author Étienne Forbes P.Geo and George F. Sanders P. Geo. At the camp site, samples were bagged in white fabrene bags, numbered and security-tied. Samples were sent off site to the Squaw Lake seaplane base, and shipped from Schefferville to Sept-Îles by Cabano Kingsway on train cargo service. From the secure storage area at the Geoforbes office in Sept-Îles the samples were shipped by bus to the ALS Chemex preparation laboratory in Val-d'Or, Quebec. Pulps were sent by the lab for analysis by ALS Chemex in Vancouver. Samples were under the supervision of author Étienne Forbes P.Geo, or an employee of Geoforbes, at all times. The security ties on the sample bags were found to be intact upon inspection by the laboratory in Val d'Or.

Soil samples collected in September 2008 were located along roughly E-W lines using a Garmin GPS units (accuracy of $\approx \pm 5-10$ m), described in field notebooks, numbered with a laboratory assay ticket, and bagged in a Kraft paper sample bag under the supervision of report's author Etienne Forbes P.Geo and

Sandy Forbes P. Geo. At the camp site, samples were dried, bagged in white fabrene bags, numbered and security- tied. Samples were transported with the crew to the Squaw Lake seaplane base, and shipped from Schefferville to Sept-Îles by Cabano Kingsway on train cargo service. From the secure storage area at the Geoforbes office in Sept-Îles the samples were shipped by Cabano Kingsway Transport to the ACME analytical laboratory in Vancouver. Samples were under the supervision of author Étienne Forbes P. Geo, or an employee of Geoforbes, at all times. The security ties on the sample bags were found to be intact upon inspection by the laboratory in Vancouver.

After crushing and pulverization, the rock samples were analyzed by ALS Chemex Labs for Au-Pt-Pd by fire assay fusion with ICP-AES finish, and for an additional suite of 48 elements by ICP-AES and ICP-MS methods following a 4-acid digestion. After minus 80-mesh screening, the soil samples were analyzed by ACME labs for a suite of 53 elements, including Au-Pt-Pd, by ICP-MS following modified aqua regia digestion. All pulps and coarse rejects have been disposed of.

16 DATA VERIFICATION

The author believes that a sufficient amount of quality control and verification has taken place during the data compilation, field work programs and report writing. Samples were routinely taken by the geologist and a field assistant, or by two geologists, and field data was routinely reduced on a daily basis at camp. Samples taken each day were laid out in order and the sample numbering was double checked each night.

Both ALS Chemex and ACME analytical laboratory are ISO 9001:2000 certified. They regularly employ a stringent system of standards, duplicates and blanks in their analyses. The author believes these laboratories sample-handling protocols, assaying methods and quality control measures are of high quality and can be relied upon. In the August rock sampling program 5 blank rock samples of biotite gneiss collected in the Sept-Îles area were inserted into the rock sample batch following sulfide-rich samples. Results from these blanks were low, indicating that the laboratory was sufficiently cleaning their crushing and pulverization equipment. No blanks or standards were submitted with the soil samples.

Assay results were compared with historical results on file with the Québec government in various assessment reports, and they were in close agreement. The claim outlines and claim list maintained by Rockland was checked against the GESTIM website of the Ministère of Natural Resources of Quebec. However, when more advanced sampling will be performed (drilling program), Rockland will have to make sure standards and duplicates are inserted with the drill core samples to adjust QA/QC protocols according the progress of the project.

17 ADJACENT PROPERTIES

Figure 7 shows companies with mining claims adjacent to Rockland's Retty Lake Project. Immediately southeast, and adjacent to the NW Retty Lake area, lies Québec Special Exploitation Permit PE-746, belonging to Groupe Platine de la Fosse Inc. Permit PE-746 hosts the Blue Lake #1, Blue Lake #2, Center and Pogo massive sulphide Cu-Ni-PGE deposits (Fig. 10). These deposits do not represent a resource as defined by National Instrument 43-101, and should not be relied upon by investors. Canadian Royalties Corporation staked a large number of claims surrounding most of the La Fosse concession and surrounding claims optioned by Rockland in the Retty Lake area between 2001 and 2007. These claims were dropped abruptly in late 2009, coincident with a takeover offer of Canadian Royalties by Jien Canada Mining Ltd. In 2008 Everton Resources Inc. staked claims adjacent to claims optioned by Rockland in the southern part of the area (Fig 7).

18 MINERAL PROCESSING AND METALLURGICAL TESTING

To the knowledge of the author, no historical mineral processing or metallurgical testing has been conducted on materials from Rockland's Retty Lake Project area.

19 MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

The author has been unable to verify the existence of any mineral resources reported to lie within the NW Retty Lake area. The "Retty Lake Deposit", cited in the Québec literature -- beginning with Dugas (1970), Avramtchev and LeBel-Drolet (1979), Rohon (1986, 1987) and Clark (1987) -- has not been located nor confirmed to the time of this writing. Reports of a Hollinger North Shore Exploration Ltd. Cu-Ni-PGE resource within the present claims optioned by Rockland, just west of Retty Lake, have not been supported or refuted. In any case, this is a historical and/or geological reference only.

20 OTHER RELEVANT DATA AND INFORMATION

It is the author's opinion that there is no additional information or explanations available to make this technical report understandable and not misleading.

21 INTERPRETATIONS AND CONCLUSIONS

The Retty Lake area of the southern Labrador Trough, Québec holds potential for the discovery of economically important massive and disseminated Cu-Ni-PGE bearing sulphide deposits. This conclusion is supported by company activity in the area almost continuously since the 1940's and by numerous government and university studies. Rockland has an option on claims located over key stratigraphic horizons that are on-trend with known Cu-Ni-PGE mineralization at the Blue Lake #1 and #2, Centre and Pogo deposits.

The 2008 field work by Rockland found strongly anomalous Cu-Ni-PGE values in surface rock samples, and results showed that the NW Retty Lake area has the best discovery potential. Geochemical scans of sulfide-bearing, mineralized rock samples from strategic areas throughout the claim block provide a new database to aid in surface and drill exploration. Pathfinder element signatures were surprisingly low, but slightly anomalous As, Mo and Pb in a few areas may be significant.

Rusty, sulfide-bearing float boulders were discovered at Blue Lake North, and the rock samples had highly anomalous Cu-Ni-PGE values, which warranted follow-up work, especially given the close proximity to mineralization at the Blue Lake, Centre and Pogo deposits. A soil grid run over the lower peridotite unit at Blue Lake North returned interesting geochemical results. However, geological observations failed to locate any mineralized outcrops, and it is likely that these sulfide-bearing mineralized boulders and their associated soil anomalies are due to glacial transport of mineralized material from outside the claims optioned by Rockland. This conclusion should be verified on the ground, with a field check of all the soil anomaly areas in the grid to confirm that there are no mineralized outcrops that were missed.

Strong surface gossan zones, especially at the base of the middle peridotite unit where it is in contact with sulfide-rich underlying sediments, are first priority targets for further exploration. These gossan zones are well mapped in the NW Retty Lake area.

The NW Retty Lake area is ready to drill, beginning in the southern portion of the claims in the vicinity of Hollinger North Shore Exploration drill hole A-27, where significant anomalous Cu-Ni values were reported in 1957. The existence of the "Retty Lake Deposit", presumably drilled in the 1960's at this approximate location, has not been proved or disproved -- despite an intense literature search and interviews with geologists who worked in the area from the 1970's onward. The discovery of a cache of approximately 192 abandoned aluminium drill core trays dating from 1968, and approximately 25 plastic drill core boxes dating from 1975, at an overgrown campsite on the shore of Retty Lake close to this location lends credence to the existence of mineralization on the claims optioned by Rockland that was never reported to the Québec government in assessment reports.

The strongly folded, layered rock units in the Retty Lake area have very strong geophysical signatures; the peridotite units are highly magnetic, and massive pyrite and pyrrhotite zone at the top of the Thompson Lake Fm. sediments is a strong EM-conductor. However, neither of these geophysical signatures directly indicates Cu-Ni-PGE mineralization, and the focus of the 2007 and 2008 field work was to lay-out an initial drill program on geological and geochemical criteria. Once the first drill core is recovered and the subsurface geology is better understood, then the petrophysical parameters of the various geological units can be measured, and new geophysical work can begin.

Thus, author considers the Retty Lake property as a very prospective area for finding an economic Cu-Ni-PGE mineralization, and it merits a more systematic work program described in the following section.

22 RECOMMENDATIONS

It is the author's opinion that the Retty Lake property is a property of merit and therefore recommends that Rockland carry out a Phase 1 work program that includes an airborne geophysical survey, linecutting and GIS data compilation and analysis for this property at an estimated cost of \$267,520. Recommended Phase 2 drilling is presented as well.

There is a large amount of historical data on the Retty Lake project. Selected data from the Ministère des Ressources Naturelles et de la Faune (MRNF) and from outside sources should be geo-referenced, within tolerable limits of error, as GIS layers, for further analysis.

Phase 1 -- Airborne Geophysical Survey, Linecutting and GIS Data Compilation

The claims optioned by Rockland should be flown with a helicopter-borne, combined EM and magnetic survey. The total area to be flown is estimated at 1,600 line-kilometres, assuming a 100-metre line spacing. A one-week program of linecutting with a 4-man crew will be needed to clean and re-establish baseline control in the NW Retty Lake drill area.

Phase 2 -- Drilling, NW Retty Lake (4,785 meters)

The author recommends a initial drilling program aiming to test the lower contact zone of the middle peridotite unit in the NW Retty Lake area from section 15 NW to section 65NW over a total length of 5 km. Every section (11) should include 3 inclined holes for a total of 33 holes. Total meter drilled is

evaluated at 4,875 meters. A breakdown of costs for the Phase 2 program is detailed on table below. Priority sections should be drilled in the Lac Retty Ouest, and Lost Lake zones within the established grid. The Nancy Lake South area is outside of the existing grid, but should also be considered for priority drilling during Phase 1. Petrophysical parameters should be measured on drill core obtained during Phase 1 drilling to guide ground geophysics as part of continued exploration of the Retty Lake project.

22.1 -- **Budget For Retty Lake Project**

Phase 1 -- Airborne Geophysical Survey, Linecutting and GIS Data Compilation

Geophysical Survey --1,600 line-kilometres	@\$100/line-kilometre	160,000
Geophysical Survey -- mob/de-mob		30,000
Geophysical Interpretation		10,000
GIS Data Compilation and Analysis		5,000
Linecutting (3 labourers and supervisor, 1 week)	incl. camp, fixed wing	38,200
10% contingency		24,320
Total Airborne Geophysical Survey, Linecutting and Data Compilation		\$267,520

Phase 2 Drilling, NW Retty Lake (4,785 meters)

Drilling direct cost	4,875 m @ \$115/m	\$560,625
Drilling supplies and drill foreman		135,960
Transport Helicopter		288,000
Lodging and food		40,050
Fuel		150,000
Wages		130,500
Professional consulting fees		95,750
Transport Fixed Wing		64,800
Camp construction		200,000
Misc. logistics, communication and Permitting		21,100
Assays		57,420
10% contingency		174,421
Total Phase 2 Drilling		\$1,918,626

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24 DATE AND SIGNATURE PAGE

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I, Étienne Forbes, P. Geo, do hereby certify that:

- 1) I am an independent consulting geologist and principal of Geoforbes Services Inc. with a business address at 239 Jolliet Ave., Sept-Îles, Québec, G4R 2A8.
- 2) I am a graduate from the Université du Québec à Montréal with a B.Sc in Geology in 1994.
- 3) I am a Professional in Geology and a registered member of the Ordre des Géologues du Québec, Permit number 611.
- 4) I have been involved as geologist in more than fifteen Cu-Ni-PGE exploration programs since year 1995, notably in the following areas: Manitou Lake, Pentecôte, Méchant Lake, Manic-5 and 3, Musquaro Lake, Taureau Reservoir, Sainte-Marguerite and Retty Lake areas, all in the province of Québec. These programs mainly consisted of geological mapping, sampling and locally, geophysical surveying. On some of these projects, I have supervised drilling programs. During these exploration campaigns, mineralogy, structure, geochemistry and ore geology were taken into consideration to evaluate the potential of these Cu-Ni-PGE occurrences. In addition, during this period, I also attended several geoscientific conferences on Cu-Ni-PGE exploration, mainly at the Ministère des Ressources et de la Faune du Québec annual meeting.
- 5) I have read the definition of "qualified person" set out in National Instrument 43-101 (NI 43-101) and certify that by reason of my education, relevant work experience and affiliation with a professional association, I fulfill the requirement to be a "qualified person" for the purposes of NI 43-101.
- 6) I am responsible for the preparation of all sections of the technical report titled "Qualifying Report on the Retty Lake Project, Schefferville, Québec, Canada" and dated March 9, 2010 (the "Technical Report") concerning the Retty Lake Property. All of the technical information in this Technical Report is based on examination of public and private documents relating to the Retty Lake Property, and a property examination from September 11 to September 14, 2007, and two separate field campaigns from August 19, 2008 and August 25, 2008 and from September 23 to September 29, 2008. The two field campaigns by the author in 2008 consisted of mapping and reconnaissance geochemical sampling. The sources of all information other than personal examination have been referenced in the Technical Report.
- 7) I have not had prior involvement with the property that is the subject of the Technical Report.
- 8) 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 which makes the Technical Report misleading.

9) I am fully independent of the issuer applying all of the tests in section 1.4 of National Instrument 43-101

10) I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

11) I consent to the public filing of the Technical Report with any stock exchange and any other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files or on their websites accessible by the public, of the Technical Report, and to extracts from, or a summary of, the Technical Report, in the written disclosure being filed by Rockland Minerals Corp., in public information documents so being filed including any offering memorandum, preliminary prospectus and final prospectus provided that I am given the opportunity to read the written disclosure being filed and that it fairly and accurately represents the information in the Technical Report that supports the disclosure.

12) 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.

Dated this 9th day of March, 2010

A handwritten signature in blue ink, reading "Etienne Forbes". The signature is written in a cursive style with a horizontal line underneath.

Signature of Qualified Person
Etienne Forbes P. Geo

24.1 *Addressed To Issuer*

This Report is addressed to Rockland Minerals Corporation, Suite 600 - 999 West Hastings Street, Vancouver, B.C. V6C 2W2 Canada. The author was retained by this company to prepare a National Instrument 43-101 compliant report on the Retty Lake Project, Shefferville, Québec, Canada.

25 ADDITIONAL REQUIREMENTS FOR TECHNICAL REPORTS ON DEVELOPMENT PROPERTIES AND PRODUCTION PROPERTIES

The Retty Lake project is an exploration stage project, and no additional reporting is required.

26 TABLES

Table 1 -- Retty Lake 2008 Rock Sample Numbers and Coordinates

Retty Lake 2008 Rock Sample Numbers and Coordinates

Sample	Sample Tag	Waypoint			UTM (WGS 84)		UTM (NAD 27)		Lat/Lon (WGS 84)	
Number	Number	Number	Location	Date and Time	Northing	Easting	Northing	Easting	Northing	Easting
RL01	456151	GS-005	Lost Lake	8/20/08 1:36 PM	6129288	674027	6129059	673987	N55 16.755	W66 15.604
RL02	456152		Lost Lake	8/20/08 9:36 AM	6129284	674018	6129055	673978	N55 16.753	W66 15.613
RL03	456153		Lost Lake	8/20/08 9:47 AM	6129285	674020	6129056	673980	N55 16.754	W66 15.610
RL04	456154		Lost Lake	8/20/08 10:02 AM	6129273	674005	6129044	673965	N55 16.747	W66 15.625
RL05	456155	GS-006	Lost Lake	8/20/08 2:08 PM	6129287	673853	6129058	673813	N55 16.730	W66 15.639
RL06	456156		Lost Lake	8/20/08 11:25 AM	6129287	673854	6129058	673814	N55 16.758	W66 15.768
RL07	456157	GS-007	Lost Lake	8/20/08 4:19 PM	6129397	673671	6129168	673631	N55 16.821	W66 15.936
RL08	456158	GS-008	Lost Lake	8/20/08 4:41 PM	6129490	673544	6129261	673504	N55 16.874	W66 16.052
RL09	456159	GS-012	NW Retty Syncline Nose	8/20/08 6:34 PM	6130249	672185	6130020	672145	N55 17.311	W66 17.306
RL10	456160	GS-013	NW Retty Syncline Nose	8/20/08 6:41 PM	6130310	672100	6130081	672060	N55 17.346	W66 17.384
RL11	456161	GS-015	NW Retty Syncline Nose	8/20/08 7:13 PM	6130278	671947	6130049	671907	N55 17.332	W66 17.530
RL12	456162	GS-016	NW Retty Syncline Nose	8/20/08 7:31 PM	6130427	671835	6130198	671795	N55 17.415	W66 17.630
RL14	456163	GS-018	NW Retty Syncline Nose	8/20/08 8:22 PM	6130236	671725	6130007	671685	N55 17.314	W66 17.741
RL15	456164	GS-019	NW Retty Syncline Nose	8/20/08 8:33 PM	6130048	671766	6129819	671726	N55 17.212	W66 17.709
RL16	456165	GS-021	NW Retty Syncline Nose	8/21/08 3:34 PM	6128265	672511	6128036	672471	N55 16.236	W66 17.072
RL47	456202		NW Retty Syncline Nose	8/20/08 4:15 PM	6129211	672137	6128982	672097	N55 16.753	W66 17.389
RL48	456203		NW Retty Syncline Nose	8/20/08 4:38 PM	6129052	672260	6128823	672220	N55 16.665	W66 17.279
RL49	456204		NW Retty Syncline Nose	8/21/08 11:39 AM	6128244	672481	6128015	672441	N55 16.225	W66 17.101
RL50	456205	GS-025	NW Retty Syncline Nose	8/21/08 12:10 PM	6128235	672466	6128006	672426	N55 16.221	W66 17.115
RL17	456166		Nancy Lake	8/21/08 5:27 PM	6127157	671390	6126928	671350	N55 15.663	W66 18.170
RL18	456167		Nancy Lake	8/21/08 6:11 PM	6126997	671350	6126768	671310	N55 15.577	W66 18.213
RL19	456168		Nancy Lake	8/21/08 6:11 PM	6126996	671350	6126767	671310	N55 15.577	W66 18.213
RL46	456201	GS-026	Nancy Lake	8/20/08 11:45 AM	6129306	673804	6129077	673764	N55 16.770	W66 15.813
RL51	456206		Nancy Lake	8/21/08 1:48 PM					N55 15.708	W66 18.263
RL52	456207		Nancy Lake	8/21/08 2:04 PM	6127303	671267	6127074	671227	N55 15.744	W66 18.280
RL20	456169		Berry Lake	8/22/08 8:09 AM	6124709	687139	6124480	687099	N55 14.001	W66 03.418

Retty Lake 2008 Rock Sample Numbers and Coordinates

Sample Number	Sample Tag Number	Waypoint Number	Location	Date and Time	UTM (WGS 84)		UTM (NAD 27)		Lat/Lon (WGS 84)	
					Northing	Easting	Northing	Easting	Northing	Easting
RL21	456170	GS-029	Berry Lake	8/22/08 3:12 PM	6124982	687131	6124753	687091	N55 14.148	W66 03.414
RL22	456171	GS-031	Berry Lake	8/22/08 5:06 PM	6125684	686265	6125455	686225	N55 14.546	W66 04.203
RL23	456172	GS-033	Berry Lake	8/22/08 5:35 PM	6125726	686219	6125497	686179	N55 14.570	W66 04.244
RL24	456173		Berry Lake	8/22/08 2:11 PM	6125856	686122	6125627	686082	N55 14.642	W66 04.330
RL25	456174		Berry Lake	8/22/08 2:11 PM	6125856	686122	6125627	686082	N55 14.642	W66 04.330
RL26	456175		Berry Lake	8/22/08 2:11 PM	6125856	686122	6125627	686082	N55 14.642	W66 04.330
RL27	456176		Berry Lake	8/22/08 2:11 PM	6125856	686122	6125627	686082	N55 14.642	W66 04.330
RL28	456177		Berry Lake	8/22/08 2:11 PM	6125856	686122	6125627	686082	N55 14.642	W66 04.330
RL53	456208		Berry Lake	8/22/08 10:47 AM	6124892	687208	6124663	687168	N55 14.098	W66 03.346
RL54	456209		Berry Lake	8/22/08 1:13 PM	6125704	686248	6125475	686208	N55 14.557	W66 04.218
RL55	456210		Berry Lake	8/22/08 1:25 PM	6125760	686198	6125531	686158	N55 14.588	W66 04.262
RL56	456211		Berry Lake	8/22/08 1:25 PM	6125760	686198	6125531	686158	N55 14.588	W66 04.262
RL57	456212		Berry Lake	8/22/08 3:08 PM	6126060	686246	6125831	686206	N55 14.749	W66 04.205
RL36	456184	GS-044	Doublet Main Zone	8/25/08 3:37 PM	6107669	682740	6107440	682700	N55 04.924	W66 08.222
RL37	456185	GS-045	Doublet Main Zone	8/25/08 5:06 PM	6106750	683578	6106521	683538	N55 04.411	W66 07.471
RL38	456186	GS-045	Doublet Main Zone	8/25/08 5:06 PM	6106750	683578	6106521	683538	N55 04.411	W66 07.471
RL39	456187	GS-046	Doublet Main Zone	8/25/08 5:19 PM	6106725	683567	6106496	683527	N55 04.398	W66 07.482
RL40	456188	GS-047	Doublet Main Zone	8/25/08 5:58 PM	6106509	683444	6106280	683404	N55 04.284	W66 07.605
RL41	456189	GS-048	Doublet Main Zone	8/25/08 6:22 PM	6106520	683443	6106291	683403	N55 04.290	W66 07.606
RL42	456190	GS-049	Doublet Main Zone	8/25/08 6:32 PM	6106461	683423	6106232	683383	N55 04.259	W66 07.627
RL43	456191	GS-050	Doublet Main Zone	8/25/08 7:05 PM	6106617	683308	6106388	683268	N55 04.345	W66 07.729
RL44	456192	GS-051	Doublet Main Zone	8/25/08 7:17 PM	6106841	683341	6106612	683301	N55 04.465	W66 07.689
RL59	456214		NW Doublet Zone	8/25/08 12:56 PM	6110531	680263	6110302	680223	N55 06.520	W66 10.438
RL60	456215		NW Doublet Zone	8/25/08 1:11 PM	6110489	680312	6110260	680272	N55 06.496	W66 10.393
RL61	456216		NW Doublet Zone	8/25/08 2:27 PM	6110499	679615	6110270	679575	N55 06.517	W66 11.048
RL62	456217		NW Doublet Zone	8/25/08 2:48 PM	6110485	679650	6110256	679610	N55 06.508	W66 11.015
RL63	456218		NW Doublet Zone	8/25/08 3:04 PM	6110542	679795	6110313	679755	N55 06.536	W66 10.877
RL64	456219		NW Doublet Zone	8/25/08 3:29 PM	6110304	680282	6110075	680242	N55 06.397	W66 10.428
RL65	456220		NW Doublet Zone	8/25/08 3:39 PM	6110279	680366	6110050	680326	N55 06.382	W66 10.351
RL67	456221		NW Doublet Zone	8/25/08 3:54 PM	6110184	680572	6109955	680532	N55 06.326	W66 10.161

Retty Lake 2008 Rock Sample Numbers and Coordinates

Sample Number	Sample Tag	Waypoint Number	Location	Date and Time	UTM (WGS 84)		UTM (NAD 27)		Lat/Lon (WGS 84)	
					Northing	Easting	Northing	Easting	Northing	Easting
RL29	456178	GS-037	Blue Lake North	8/23/08 1:27 PM	6125580	680864	6125351	680824	N55 14.610	W66 09.297
RL30	456179	GS-039	Blue Lake North	8/23/08 2:08 PM	6125460	681091	6125231	681051	N55 14.541	W66 09.088
RL32	456180	GS-040	Blue Lake North	8/23/08 2:29 PM	6125435	681268	6125206	681228	N55 14.523	W66 08.921
RL33	456181	GS-041	Blue Lake North	8/23/08 2:55 PM	6125484	681291	6125255	681251	N55 14.549	W66 08.898
RL34	456182		Blue Lake North	8/23/08 8:03 AM	6125439	680612	6125210	680572	N55 14.540	W66 09.540
RL35	456183		Blue Lake North	8/23/08 8:33 AM	6125440	681272	6125211	681232	N55 14.526	W66 08.918
RL58	456213		Blue Lake North	8/23/08 11:59 AM	6125345	682068	6125116	682028	N55 14.458	W66 08.171
RL68	Ef25		Blue Lake North	9/24/08 1:49 PM	6125799	682030	6125570	681990	N55 14.703	W66 08.189
RL69	Ef26		Blue Lake North	9/24/08 2:25 PM	6125803	682172	6125574	682132	N55 14.702	W66 08.055
RL70	Ef27		Blue Lake North	9/24/08 3:31 PM	6125796	682357	6125567	682317	N55 14.694	W66 07.881
RL71	Ef29		Blue Lake North	9/25/08 12:18 PM	6125896	681971	6125667	681931	N55 14.756	W66 08.241
RL72	Ef30		Blue Lake North	9/25/08 1:11 PM	6125813	682118	6125584	682078	N55 14.708	W66 08.106
RL73	Ef31		Blue Lake North	9/25/08 1:58 PM	6125690	681990	6125461	681950	N55 14.645	W66 08.231
RL74	Ef32		Blue Lake North	9/25/08 2:10 PM	6125701	681971	6125472	681931	N55 14.651	W66 08.249
RL75	Ef33		Blue Lake North	9/25/08 2:20 PM	6125710	681956	6125481	681916	N55 14.657	W66 08.263
RL76	Ef35		Blue Lake North	9/26/08 9:48 AM	6125400	682214	6125171	682174	N55 14.484	W66 08.032
RL77	Ef36		Blue Lake North	9/26/08 10:29 AM	6125405	682010	6125176	681970	N55 14.491	W66 08.224
RL78	Ef37		Blue Lake North	9/26/08 11:45 AM	6125518	681692	6125289	681652	N55 14.559	W66 08.519
RL79	Ef38		Blue Lake North	9/27/08 8:28 AM	6125895	682494	6125666	682454	N55 14.744	W66 07.749
RL80	Ef39		Blue Lake North	9/27/08 9:36 AM	6125907	682174	6125678	682134	N55 14.758	W66 08.049
RL81	EF40		Blue Lake North		6125764	682163	6125535	682123	N55 14.681	W66 08.065
RL83	Ef43		Blue Lake North	9/27/08 3:17 PM	6125540	681948	6125311	681908	N55 14.565	W66 08.276
RL84	Ef41		Blue Lake North	9/27/08 10:15 AM	6125723	682149	6125494	682109	N55 14.659	W66 08.080
RL85	Ef42		Blue Lake North	9/27/08 11:10 AM	6125706	682366	6125477	682326	N55 14.645	W66 07.877
RL86	Ef44		Blue Lake North	9/29/08 8:19 AM	6125449	681210	6125220	681170	N55 14.533	W66 08.976
RL87	Ef45		Blue Lake North	9/29/08 8:38 AM	6125521	681431	6125292	681391	N55 14.566	W66 08.764
RL88	Ef46		Blue Lake North	9/29/08 8:51 AM	6125549	681516	6125320	681476	N55 14.580	W66 08.684
RL89	Ef47		Blue Lake North	9/29/08 9:16 AM	6125654	681675	6125425	681635	N55 14.632	W66 08.530
RL90	Ef48		Blue Lake North	9/29/08 9:38 AM	6125673	681800	6125444	681760	N55 14.640	W66 08.411
RL91	Ef49		Blue Lake North	9/29/08 9:55 AM	6125826	681949	6125597	681909	N55 14.719	W66 08.264

Retty Lake 2008 Rock Sample Numbers and Coordinates

Sample	Sample Tag	Waypoint			UTM (WGS 84)		UTM (NAD 27)		Lat/Lon (WGS 84)	
Number	Number	Number	Location	Date and Time	Northing	Eastings	Northing	Eastings	Northing	Eastings
RL93	Ef50		Blue Lake North	9/29/08 10:08 AM	6125863	681930	6125634	681890	N55 14.739	W66 08.281
RL94	SF1		Blue Lake North	9/24/08 11:44 AM	6125970	681656	6125741	681616	N55 14.803	W66 08.535
RL95	SF2		Blue Lake North	9/24/08 1:02 PM	6125962	681791	6125733	681751	N55 14.796	W66 08.408
RL96	SF3		Blue Lake North	9/24/08 2:01 PM	6126014	681845	6125785	681805	N55 14.823	W66 08.355
RL97	SF4		Blue Lake North	9/26/08 9:47 AM	6125290	682483	6125061	682443	N55 14.419	W66 07.782
RL98	SF5		Blue Lake North	9/26/08 11:31 AM	6125291	681991	6125062	681951	N55 14.430	W66 08.246
RL99	SF6		Blue Lake North	9/26/08 12:50 PM	6125487	681825	6125258	681785	N55 14.539	W66 08.394
RL100	SF7		Blue Lake North	9/27/08 12:33 PM	6125602	682058	6125373	682018	N55 14.596	W66 08.171
RL101	SF8		Blue Lake North	9/28/08 3:34 PM	6125211	681217	6124982	681177	N55 14.404	W66 08.979
RL102	SF9		Blue Lake North	9/29/08 10:05 AM	6125703	681640	6125474	681600	N55 14.660	W66 08.561
	waypoint only	GS-003	Base Camp	8/20/08 11:01 AM	6125886	680796	6125657	680756	N55 14.777	W66 09.349
	waypoint only	Ef1	Lost Lake	8/20/08 8:25 AM	6129810	674451	6129581	674411	N55 17.027	W66 15.184
	waypoint only	Ef2	Lost Lake	8/20/08 11:15 AM	6129307	673874	6129078	673834	N55 16.769	W66 15.747
	waypoint only	Ef3	Lost Lake	8/20/08 12:26 PM	6129402	673640	6129173	673600	N55 16.824	W66 15.964
	waypoint only	Ef4	Lost Lake	8/20/08 12:44 PM	6129457	673569	6129228	673529	N55 16.856	W66 16.030
	waypoint only	GS-004	Lost Lake	8/20/08 12:05 PM	6129837	674558	6129608	674518	N55 17.039	W66 15.083
	waypoint only	GS-004A	Lost Lake	8/20/08 2:59 PM	6128937	672285	6128708	672245	N55 16.603	W66 17.260
	waypoint only	GS-007	Lost Lake	8/20/08 4:19 PM	6129396	673671	6129167	673631	N55 16.821	W66 15.936
	waypoint only	GS-007	Lost Lake	8/20/08 3:36 PM	6129372	673768	6129143	673728	N55 16.806	W66 15.845
	waypoint only	GS-020	Lost Lake	8/21/08 1:46 PM	6129007	674037	6128778	673997	N55 16.604	W66 15.605
	waypoint only	GS-022	Lost Lake	8/21/08 4:20 PM	6128090	672391	6127861	672351	N55 16.144	W66 17.192
	waypoint only	Ef5	NW Retty Syncline Nose	8/20/08 12:56 PM	6129427	673476	6129198	673436	N55 16.841	W66 16.119
	waypoint only	Ef6	NW Retty Syncline Nose	8/20/08 1:02 PM	6129392	673388	6129163	673348	N55 16.824	W66 16.203
	waypoint only	Ef7	NW Retty Syncline Nose	8/20/08 1:10 PM	6129245	673271	6129016	673231	N55 16.748	W66 16.319
	waypoint only	Ef8	NW Retty Syncline Nose	8/20/08 1:33 PM	6129090	673046	6128861	673006	N55 16.669	W66 16.537
	waypoint only	Ef9	NW Retty Syncline Nose	8/20/08 1:48 PM	6128952	672841	6128723	672801	N55 16.599	W66 16.735
	waypoint only	Ef10	NW Retty Syncline Nose	8/20/08 2:21 PM	6128608	672422	6128379	672382	N55 16.423	W66 17.143
	waypoint only	Ef11	NW Retty Syncline Nose	8/20/08 2:47 PM	6128854	672403	6128625	672363	N55 16.555	W66 17.152
	waypoint only	Ef12	NW Retty Syncline Nose	8/20/08 3:14 PM	6128992	672295	6128763	672255	N55 16.632	W66 17.249
	waypoint only	Ef13	NW Retty Syncline Nose	8/20/08 3:23 PM	6129134	672175	6128905	672135	N55 16.711	W66 17.356

Retty Lake 2008 Rock Sample Numbers and Coordinates

Sample	Sample Tag	Waypoint			UTM (WGS 84)		UTM (NAD 27)		Lat/Lon (WGS 84)	
Number	Number	Number	Location	Date and Time	Northing	Easting	Northing	Easting	Northing	Easting
	waypoint only	Ef14	NW Retty Syncline Nose	8/21/08 10:34 AM	6128529	673302	6128300	673262	N55 16.362	W66 16.316
	waypoint only	Ef15	NW Retty Syncline Nose	8/21/08 10:47 AM	6128496	673080	6128267	673040	N55 16.348	W66 16.527
	waypoint only	Ef16	NW Retty Syncline Nose	8/21/08 11:24 AM	6128243	672496	6128014	672456	N55 16.224	W66 17.086
	waypoint only	Ef17	NW Retty Syncline Nose	8/21/08 12:36 PM	6127792	672156	6127563	672116	N55 15.989	W66 17.424
	waypoint only	GS-009	NW Retty Syncline Nose	8/20/08 5:12 PM	6129734	673127	6129505	673087	N55 17.014	W66 16.436
	waypoint only	GS-010	NW Retty Syncline Nose	8/20/08 5:34 PM	6129934	672767	6129705	672727	N55 17.129	W66 16.769
	waypoint only	GS-011	NW Retty Syncline Nose	8/20/08 6:15 PM	6130243	672167	6130014	672127	N55 17.308	W66 17.324
	waypoint only	GS-014	NW Retty Syncline Nose	8/20/08 6:52 PM	6130257	671956	6130028	671916	N55 17.320	W66 17.522
	waypoint only	GS-017	NW Retty Syncline Nose	8/20/08 8:05 PM	6130367	671729	6130138	671689	N55 17.385	W66 17.732
	waypoint only	Ef18	Nancy Lake	8/21/08 1:19 PM	6127151	671502	6126922	671462	N55 15.657	W66 18.064
	waypoint only	Ef19	Nancy Lake	8/21/08 1:37 PM	6127217	671291	6126988	671251	N55 15.697	W66 18.261
	waypoint only	GS-023	Nancy Lake	8/21/08 4:35 PM	6127797	672156	6127568	672116	N55 15.991	W66 17.424
	waypoint only	GS-024	Nancy Lake	8/21/08 4:35 PM	6127796	672156	6127567	672116	N55 15.991	W66 17.424
	waypoint only	Ef20	Berry Lake	8/22/08 11:53 AM	6125632	686498	6125403	686458	N55 14.513	W66 03.985
	waypoint only	GS-027	Berry Lake	8/22/08 2:54 PM	6124897	687229	6124668	687189	N55 14.100	W66 03.325
	waypoint only	GS-028	Berry Lake	8/22/08 3:02 PM	6124972	687139	6124743	687099	N55 14.143	W66 03.407
	waypoint only	GS-30	Berry Lake	8/22/08 4:55 PM	6125673	686288	6125444	686248	N55 14.540	W66 04.181
	waypoint only	GS-032	Berry Lake	8/22/08 5:15 PM	6125702	686244	6125473	686204	N55 14.556	W66 04.222
	waypoint only	GS-034	Berry Lake	8/22/08 6:56 PM	6126069	686115	6125840	686075	N55 14.757	W66 04.328
	waypoint only	GS-035	Berry Lake	8/22/08 7:07 PM	6126110	686100	6125881	686060	N55 14.779	W66 04.341
	waypoint only	Ef21	Blue Lake North	8/23/08 9:21 AM	6125541	680912	6125312	680872	N55 14.589	W66 09.253
	waypoint only	Ef22	Blue Lake North	8/23/08 9:34 AM	6125525	680914	6125296	680874	N55 14.580	W66 09.251
	waypoint only	Ef23	Blue Lake North	8/23/08 9:48 AM	6125457	681105	6125228	681065	N55 14.539	W66 09.074
	waypoint only	Ef24	NW Doublet Zone	8/25/08 12:27 PM	6110681	680637	6110452	680597	N55 06.592	W66 10.081
	waypoint only	Ef28	Blue Lake North	9/25/08 10:16 AM	6125900	681630	6125671	681590	N55 14.766	W66 08.562
	waypoint only	Ef34	Blue Lake North	9/25/08 2:41 PM	6125694	681918	6125465	681878	N55 14.649	W66 08.299
	waypoint only	GS-036	Blue Lake North	8/23/08 1:18 PM	6125595	680863	6125366	680823	N55 14.618	W66 09.297
	waypoint only	GS-038	Blue Lake North	8/23/08 1:42 PM	6125491	681029	6125262	680989	N55 14.559	W66 09.145
	waypoint only	GS-042	Blue Lake North	8/23/08 3:59 PM	6125461	681972	6125232	681932	N55 14.522	W66 08.258
	waypoint only	GS-043	Blue Lake North	8/23/08 5:01 PM	6125511	682283	6125282	682243	N55 14.542	W66 07.962

Table 2 -- Retty Lake 2008 Rock Sample Descriptions and Observations

Retty Lake 2008 Rock Sample Descriptions and Observations

Sample #	Tag #	Waypt #	Description	Rock Type	Sample Type
RL01	456151	GS-005	Grey, fine-grained peridotite float or gabbro with 5% disseminated sulfides	ig	Grab
RL02	456152		Grey, fine-grained peridotite float with 7-8% disseminated pyrrhotite	ig	Grab
RL03	456153		Grey, fine-grained peridotite float with Tr-1% disseminated chalcopyrite	ig	Grab
RL04	456154		Dark grey, fine-grained melanocratic gabbro to pyroxenite with trace of chalcopyrite	ig	Grab
RL05	456155	GS-006	Dark grey, fine-grained pyroxenite or peridotite float with 20% disseminated chalcopyrite-pyrrhotite.	ig	Grab
RL06	456156		Dark grey, fine-grained melanocratic gabbro to pyroxenite float with local tiny veinlet of chalcopyrite	ig	Grab
RL07	456157	GS-007	Rusty brown weathered surface, medium grey, fine-grained, laminated, 3-4% pyrrhotite finely diss.in the banding.	ig	Grab
RL08	456158	GS-008	Dark grey, fine-grained peridotite(?) float, massive sulfide, greater than 50% sulfide, tr bornite(?)	ig	Grab
RL09	456159	GS-012	Grey, fine-grained peridotite or gabbro float with 5% disseminated sulfide	ig	Grab
RL10	456160	GS-013	Dark grey, medium-grained peridotite float with 20% sulfide	ig	Grab
RL11	456161	GS-015	Dark grey peridotite float, pyroxenes visible, 50% sulfide, py-po, near shore of Acid Lake	ig	Grab
RL12	456162	GS-016	Lt gn-gry, mg peridotite, st alt tremolite asbestosform mins, outcrop is st fractured, fract freq 4-10 cm, photo of small kink fold	ig	Grab
RL14	456163	GS-018	Dark grey to light grey peridotite with 10% sulfide, po, tr cpy(?)	ig	Grab
RL15	456164	GS-019	Dark grey, fine-grained peridotite with 10% sulfide, po, tr cpy	ig	Grab
RL16	456165	GS-021	tremolite or asbestos band 2 cm thick cutting dk gry, mg peridotite with 5% sulfides, sample includes some wall rock	ig	Grab
RL47	456202		Sulfide rich (30% po) sediments outcrop between Thompson Lake fm and the peridotite outcrop	sed	Grab
RL48	456203		Thompson Lake sediments with 5-10% pyrrhotite and pyrite	sed	Grab
RL49	456204		Light greenish-grey, medium-grained, tremolite-chlorite? rich peridotite.	ig	Grab
RL50	456205		Light greenish-grey, medium-grained, tremolite-chlorite? rich peridotite.	ig	Grab
RL17	456166	GS-025	Dark grey to light grey peridotite or gabbro with 5% sulfide, photo of gossan looking S down Anticline Lake	ig	Grab
RL18	456167	GS-026	Dark brown, coarse peridotite as a remnant in a strong FeOx goethite gossan	ig	Grab
RL19	456168	GS-026	St FeOx goe gossan, lower zone with peridotite overlying bl sh, another band of shale uphill overlain by peridotite or gabbro	sed	Grab
RL46	456201		Dk gry to black, laminated tuff, rnd decimetric float with 40-50% sulphides, i.e. 35% py 7-10% cpy 1-2% po and possible bornite	ig	Grab
RL51	456206		Light greenish-grey, medium-grained, tremolite and asbestos minerals rich peridotite.	ig	Grab
RL52	456207		Greenish to rusty quartz vein approx. 5-10 cm in thickness	qtz	Grab
RL20	456169		Dark grey peridotite/olivine pyroxenite outcrop, trace of disseminated pyrrhotite	ig	Grab
RL21	456170	GS-029	Dark grey , fine-grained to medium-grained peridotite with 10-15% sulfide, po, rusty outcrop	ig	Grab
RL22	456171	GS-031	Dark grey, fine-grained peridotite with 15% sulfide, po, st FeOx on outcrop	ig	Grab
RL23	456172	GS-033	Dark grey peridotite, 10% sulfide, po, old channel sample 130553, photo	ig	Grab
RL24	456173		Massive oxidized sulfide , grab in channel, 0.0	ig	Grab
RL25	456174		Massive oxidized sulfide , grab in channel, 1.4m	ig	Grab
RL26	456175		Massive oxidized sulfide , grab in channel, 3.4m	ig	Grab
RL27	456176		Massive oxidized sulfide , grab in channel, 8.1m	ig	Grab
RL28	456177		Massive oxidized sulfide , grab in channel, 10.7m	ig	Grab

Retty Lake 2008 Rock Sample Descriptions and Observations

Sample #	Tag #	Waypt #	Description	Rock Type	Sample Type
RL53	456208		Rusty olivine gabbro or peridotite with trace of pyrrhotite	ig	Grab
RL54	456209		Semi-massive sulfides, mostly po in a fg, dk gry peridotite corresponding with Pawliuk channel spl 130552, mixed sample	ig	Grab
RL55	456210		35-40% pyrrhotite + chalcopyrite trace	ig	Grab
RL56	456211		Dark grey to black, medium-grained serpentinized peridotite with trace of pyrrhotite	ig	Grab
RL57	456212		Dark grey to black, fine-grained serpentinized peridotite with trace of pyrrhotite	ig	Grab
RL36	456184	GS-044	Dark gn-grey, fine-grained pyroxene gabbro? possibly with olivine, 5% disseminated po	ig	Grab
RL37	456185	GS-045	Dark grey, mod hard siltstone or fine-grained graywacke float with 30% diss.po, rock breaks along bedding	sed	Grab
RL38	456186	GS-045	Dark grey siltstone or graywacke float, 20% po	sed	Grab
RL39	456187	GS-046	Dark grey, dense sediment or peridotite? or massive sediment with 20% po in matrix and small veinlets	sed	Grab
RL40	456188	GS-047	Dk grey, mod hard fine-grained graywacke or sltst? with massive po greater than 50%, site of old sawcut channel 130518	sed	Grab
RL41	456189	GS-048	Light grey, hard, massive quartzite or graywacke? with 10% disseminated py, rusty outcrop	sed	Grab
RL42	456190	GS-049	Dark grey, slightly fissile siltstone? with greater than 50% massive po, strong rusty outcrop	sed	Grab
RL43	456191	GS-050	black, moderately fissile shale with 10% py, rusty outcrop	sed	Grab
RL44	456192	GS-051	Bl, mod fissile sh, 10-50% po-py tiny layers in sh, rusty outcrop, old sawcut ch spls 130519-522? (no sample tags found)	sed	Grab
RL59	456214		Dark grey, fine grained, peridotite with serpentinized fracture and 5-10% fine magnetite	ig	Grab
RL60	456215		Dark grey, fine grained, peridotite with green serpentinite fracture and 5-10% fine magnetite	ig	Grab
RL61	456216		Massive fine-grained pyrrhotite with local millimetric chalcopyrite veinlets	ig	Grab
RL62	456217		oxidized massive pyrrhotite	ig	Grab
RL63	456218		Dark grey, fine-grained peridotite with fractures filled by malachite	ig	Grab
RL64	456219		20-30% fine grained oxidized pyrite with trace of chalcopyrite	ig	Grab
RL65	456220		Massive fine-grained pyrrhotite	ig	Grab
RL67	456221		Massive coarse-grained oxidized sulfide, mostly pyrite, 1-3% chalcopyrite	ig	Grab
RL29	456178	GS-037	Light grey-brown, medium to fine-grained gabbro with 2% sulfide, slightly rusty	ig	Grab
RL30	456179	GS-039	Dk gry, fg peridotite with vnlt and clots of cpy, possible pentlandite(?), 30% sulfide, po in matrix net texture, grab float spl	ig	Grab
RL32	456180	GS-040	Dk gry, grey, fg peridotite with diss cpy, diss po with net texture in matrix, 30% sulfide, grab float from large 1m dia boulder	ig	Grab
RL33	456181	GS-041	Dk gry, fg peridotite, 20% sulfide, clots of cpy-po, poss pent, matrix net text. po, also fn-xtlline po, grab float, lg 2m dia bldr	ig	Grab
RL34	456182		Dark grey, medium-grained peridotite float with 1-3% of disseminated chalcopyrite and pyrrhotite, mixed sample	ig	Grab
RL35	456183		Dark grey, medium-grained peridotite float with 3-5% of disseminated chalcopyrite and pyrrhotite, mixed sample	ig	Grab
RL58	456213		Medium to light greenish grey, fine grained, fibrous, serpentinized peridotite with tr-2% chalcopyrite and pyrrhotite.	ig	Grab
RL68	Ef25		1 subrounded mineralized peridotite float, 0.5 m x 0.4 m. 8% pyrrhotite, 1-2% chalcopyrite, highly diss.to net textured sulphides.	ig	Grab
RL69	Ef26		1 subangulous mineralized peridotite float, 0.5 m x 0.3 m. 10-15% pyrrhotite, 2-3% chalcopyrite, net textured sulphides.	ig	Grab
RL70	Ef27		1 subangulous mineralized peridotite float, 0.8 m x 0.7 m. 2-3% pyrrhotite, trace of chalcopyrite, weakly diss.sulphides.	ig	Grab
RL71	Ef29		1 subangulous mineralized peridotite/olivine pyroxenite float, 1.0 m x 0.7 m x 0.5 m. 1-2% pyrrhotite and chalcopyrite combined.	ig	Grab
RL72	Ef30		2 submetric and weakly mineralized olivine pyroxenite/peridotite floats. 1% po in mm to up to 2 cm rounded blebs with tr cpy	ig	Grab
RL73	Ef31		Area 15 m x 15 m with 10 submetric to metric olivine pyroxenite/peridotite bldrs, approx 1 -2% combined po-cpy (veinlets)	ig	Grab
RL74	Ef32		1 submetric peridotite float with 3-4% disseminated pyrrhotite and chalcopyrite.	ig	Grab

Retty Lake 2008 Rock Sample Descriptions and Observations

Sample #	Tag #	Waypt #	Description	Rock Type	Sample Type
RL75	Ef33		1 rounded metric peridotite float with net-textured 10-15% sulphides. 8% pyrrhotite and 2-3% chalcopyrite.	ig	Grab
RL76	Ef35		Numerous 0.3 m x 0.3 m rounded to subrounded highly mineralized peridotite. Approx. 40% pyrrhotite and 2-3% chalcopyrite.	ig	Grab
RL77	Ef36		1 metric peridotite float with 15-18% sulphides. 12-15% pyrrhotite and 3-5% chalcopyrite.	ig	Grab
RL78	Ef37		2-3 submetric / subangulous olivine pyroxenite/peridotite bldrs with highly diss.to net-textured sulphides. 10-13% po, 2-3% cpy	ig	Grab
RL79	Ef38		1 rounded 0.4 m x 0.3 m x 0.3 peridotite float with net-textured 10-15% sulphides. 8-10% pyrrhotite and 2-5% chalcopyrite.	ig	Grab
RL80	Ef39		1 metric and subangulous peridotite float with 10% diss.sulphides. 7% pyrrhotite and 3% chalcopyrite.	ig	Grab
RL81	EF40		1 metric and subrounded peridotite float with 10% of mm to cm sulphides blebs. 6-7% chalcopyrite and 3-4% pyrrhotite.	ig	Grab
RL83	Ef43		1, 3 m x 4 m x 3 m rounded peridotite float with diss.to net-textured sulphides. 9-10% pyrrhotite and 2-3% chalcopyrite.	ig	Grab
RL84	Ef41		Same as EF40	ig	Grab
RL85	Ef42		Numerous metric and subangulous mineralized peridotite floats. Approx. 7-8% pyrrhotite and 2-3% chalcopyrite.	ig	Grab
RL86	Ef44		1, 0.4 m x 0.3 m subangulous peridotite float with 5-7% disseminated pyrrhotite and trace of chalcopyrite.	ig	Grab
RL87	Ef45		1 subrounded mineralized peridotite float, 0.5 m x 0.4 m. 12-14% po 1-2% cpy highly diss.to net textured sulphides.	ig	Grab
RL88	Ef46		1 decimetric peridotite float with approx.15% pyrrhotite and 2% chalcopyrite.	ig	Grab
RL89	Ef47		1, 0.6 m x 0.5 m x 0.3 m pyroxenite float with 5% pyrrhotite and 1% chalcopyrite.	ig	Grab
RL90	Ef48		2-3 subangulous and submetric peridotite floats. 8-10% pyrrhotite and trace of chalcopyrite. Chlorite present	ig	Grab
RL91	Ef49		1, 2 m x 1 m x 0.8 m subangulous peridotite float with 10-15% sulphides in up to 1 cm blebs. 9-10% po and 3-5% cpy	ig	Grab
RL93	Ef50		1 subangulous 1 m x 0.7 m x 0.5 m peridotite float with 15% pyrrhotite and 2-3% chalcopyrite.	ig	Grab
RL94	SF1		3 bldrs 0.5 x 1.0 m, subrnd, dk grey, rusty, purp-red metallic weathering, fg magnetic, aggregated sulphides, < 5%, py-po	ig	Grab
RL95	SF2		Subang boulder, 0.2 x 0.4 cm, dk gry w/ rusty to purple red metallic weathering, fg, magnetic, diss.sulphides, < 5%, py-po	ig	Grab
RL96	SF3		Subangular shape boulder, 20 x 40 cm, magnetic, dark green rock, fine grained, with rusty alteration	ig	Grab
RL97	SF4		3 ang bldrs, 0.3 x 0.7 m, med gry with mag, rusty weath., fg, diss.and agg. sulphides 5 to 8 %, mm to 2 cm size, py-po-cpy	ig	Grab
RL98	SF5		5 ang/subang bldrs, med gry, with fg to aph, rusty weath., mag, diss.and agg sulph, 10 to 15 %, mm to 3 cm size, py-po-cpy	ig	Grab
RL99	SF6		Subrnd boulder 0.8 x 1.0 m, dk gry, with fg to mg, mag, rusty to purple-red weathering, diss.sulphides, mm size, py-po-cpy	ig	Grab
RL100	SF7		Ang bldr, 50x15 cm, in15x20m bldr field, gn-gry, rusty, mag, w/40-50% fg sulph grains agg/diss, well-xtllized py-po-cpy	ig	Grab
RL101	SF8		Subrnd bldr 50x50cm, gry, rusty weath mg, mag, diss(mm size) and aggregated sulphides (cm size), 15 to 20 %, py-po-cpy	ig	Grab
RL102	SF9		2 subang bldrs, 40x50cm, gry-gn, rusty weath, mag, fg diss sulph, , mm grain size, < 10 %, py-po	ig	Grab
Waypt only	GS-003		base camp, Club Chambeaux, Retty Lake		
Waypt only	Ef1		Rough dark brown surface, fine-grained peridotite, magnetic, local pyroxene phenocrystals, slightly serpentinized.		
Waypt only	Ef2		Greenish grey color, medium-grained, fibrous, serpentinized peridotite, low magnetism, local pyrrhotite and chalcopyrite		
Waypt only	Ef3		Light green color, fibrous, rusty surface, peridotite		
Waypt only	Ef4		Light green color, fibrous, rusty surface, peridotite		
Waypt only	GS-004		left boat on shore at the end of the NW arm of Retty lake		
Waypt only	GS-004A		Old drilling site, DDH A23, few empty boxes and few containing AX size cores		
Waypt only	GS-007		layered sediment float, banded, Dark grey, fine-grained, 20% py		
Waypt only	GS-007		old drill core in aluminum trays, 3.2 cm dia (1.26 inches), mostly gabbro, in long sticks up to 30 cm		
Waypt only	GS-020		Lost Lake graphitic shale float		

Retty Lake 2008 Rock Sample Descriptions and Observations

Sample #	Tag #	Waypt #	Description	Rock Type	Sample Type
Waypt only		GS-022	photo: fracturing in peridotite		
Waypt only		Ef5	Very light grey, very fine-grained, homogenous, volcanic (basalt, tuf?)		
Waypt only		Ef6	Very light grey, very fine-grained, homogenous, volcanic (basalt, tuf?)		
Waypt only		Ef7	Very light grey, very fine-grained, homogenous, volcanic (basalt, tuf?)		
Waypt only		Ef8	Very light grey, very fine-grained, homogenous, volcanic (basalt, tuf?)		
Waypt only		Ef9	Very light grey, very fine-grained, homogenous, volcanic (basalt, tuf?)		
Waypt only		Ef10	Dark grey, fine-grained peridotite (olivine gabbro?) with trace of pyrrhotite		
Waypt only		Ef11	Very light grey, very fine-grained, homogenous, volcanic (basalt, tuf?)		
Waypt only		Ef12	Gossan		
Waypt only		Ef13	A-Gossan, B- Greenish grey, medium-grained, fibrous, rough surface, trace of pyrrhotite		
Waypt only		Ef14	brownish grey to grey surface, medium-grained, homogenous, gabbro (olivine?)		
Waypt only		Ef15	Greenish grey to grey color, fine to medium grained, gabbro		
Waypt only		Ef16	Bn-gry to grey surface, fine-grained, homogenous, high magnetism, very dense, peridotite/olivine gabbro, trace of py-po		
Waypt only		Ef17	Black fissile mudstone		
Waypt only		GS-009	photo: gossan		
Waypt only		GS-010	photo: gossan		
Waypt only		GS-011	sediments w/FeOx, N74W, 55 SW, gabbro to the SW, then 100m of sediments, then peridotite		
Waypt only		GS-014	Acid Lake, water is non-potable, acid, strong ferrocrete along shore, photo		
Waypt only		GS-017	big gossan, ferrocrete in sediments, outlet of Acid Lake to north		
Waypt only		Ef18	Very light grey, very fine-grained, homogenous, volcanic (basalt, tuf?)		
Waypt only		Ef19	Brown weathered surface, dark grey, fine-grained peridotite		
Waypt only		GS-023	photo?		
Waypt only		GS-024	photo: flaggy mudstone		
Waypt only		Ef20	Brown weathered surface, dark grey, peridotite with magnetite veins		
Waypt only		GS-027	Dark grey, medium-grained to fine-grained peridotite with 2% sulfide, old flagging, possibly Canadian Royalties		
Waypt only		GS-028	photo: rusty peridotite		
Waypt only		GS-30	photo: old channel sample 130549		
Waypt only		GS-032	photo: old channel sample 130552		
Waypt only		GS-034	photo: sulfide gossan in nose of syncline, slickensides, tremolite in nose of syncline		
Waypt only		GS-035	photo: panorama looking S, gossan, fold nose		
Waypt only		Ef21	Greenish grey, fine-grained gabbro (olivine?)		
Waypt only		Ef22	Brown weathered surface, dark grey, fine-grained peridotite		
Waypt only		Ef23	Brown weathered surface, dark grey, fine-grained peridotite		
Waypt only		Ef24	Grey weathered surface, dark grey on fresh surface, medium-grained melanocratic gabbro		
Waypt only		Ef28	2 subrnd mineralized olivine gabbro floats approx. 0.5 m x 0.4 m, 1% py 1% cpy in millimetric blebs, not sampled		
Waypt only		Ef34	Typical peridotite outcrop with N310 striation, not sampled		

Retty Lake 2008 Rock Sample Descriptions and Observations

Sample #	Tag #	Waypt #	Description	Rock Type	Sample Type
Waypt only	GS-036		photo: panorama from hill above camp		
Waypt only	GS-038		photo: green tremolite or actinolite on joint surface in peridotite, reticular cracks "desiccation cracks"		
Waypt only	GS-042		boulder of dark grey, fine-grained to medium-grained peridotite with 10% po, tr cpy		
Waypt only	GS-043		abundant, large boulders in this area, up to 2m dia.		

Table 3 -- Retty Lake 2008 Selected Assay Results for Rock Samples

SAMPLE NUMBER	Location	Rock Type	Cu ppm	Ni ppm	Au ppb	Pt ppb	Pd ppb	Cr ppm	Co ppm	As ppm	Sb ppm	Bi ppm	Te ppm	Ag ppm	Mo ppm	Pb ppm	Zn ppm	Mn ppm	Fe %	S %
RL01/456151	Lost Lake	ig	222	119	2	<5	6	40	19	0	0	0	0	0	33	9	47	346	10%	5%
RL02/456152	Lost Lake	ig	518	1110	2	27	59	937	115	4	0	0	0	0	1	1	141	1610	12%	2%
RL03/456153	Lost Lake	ig	1200	950	15	56	193	950	165	4	0	0	0	0	1	2	97	1275	12%	3%
RL04/456154	Lost Lake	ig	743	1050	9	29	89	1055	137	<0.2	0	0	0	0	1	2	100	1590	11%	2%
RL05/456155	Lost Lake	ig	1760	1310	15	52	226	896	157	0	0	0	0	0	1	6	99	1295	16%	5%
RL06/456156	Lost Lake	ig	795	1040	13	16	91	1460	120	0	0	0	0	0	1	9	84	1285	11%	2%
RL07/456157	Lost Lake	ig	203	166	2	<5	3	34	43	3	0	0	0	0	25	12	62	374	20%	>10%
RL08/456158	Lost Lake	ig	354	242	19	<5	8	30	50	26	1	0	1	1	41	20	351	369	37%	>10%
RL09/456159	NW Retty Syncline Nose	ig	90	35	2	<5	1	14	39	1	0	0	0	0	1	1	78	1075	8%	2%
RL10/456160	NW Retty Syncline Nose	ig	1130	786	2	26	83	873	143	1	0	0	0	0	6	2	93	1730	13%	4%
RL11/456161	NW Retty Syncline Nose	ig	656	335	1	<5	7	22	53	1	0	0	1	0	40	12	45	275	29%	>10%
RL12/456162	NW Retty Syncline Nose	ig	71	441	1	8	11	1620	57	1	0	0	0	0	0	1	88	1125	7%	0%
RL14/456163	NW Retty Syncline Nose	ig	421	665	<1	25	78	1000	100	1	0	0	0	0	1	2	81	1200	10%	3%
RL15/456164	NW Retty Syncline Nose	ig	571	910	2	21	82	1070	83	0	0	0	0	0	1	2	86	1860	11%	2%
RL16/456165	NW Retty Syncline Nose	ig	178	471	1	10	24	731	75	0	0	0	0	0	0	2	59	1285	7%	0%
RL47/456202	NW Retty Syncline Nose	sed	332	235	5	<5	16	59	70	4	0	0	1	0	27	9	21	152	25%	>10%
RL48/456203	NW Retty Syncline Nose	sed	481	307	1	<5	4	26	54	1	0	<0.01	1	0	35	9	237	189	22%	>10%
RL49/456204	NW Retty Syncline Nose	ig	33	615	2	20	13	1240	90	<0.2	0	<0.01	<0.05	0	0	<0.5	75	1360	9%	0%
RL50/456205	NW Retty Syncline Nose	ig	1190	1630	6	56	229	1500	170	4	0	<0.01	0	0	0	1	68	1390	9%	1%
RL17/456166	Nancy Lake	ig	25	662	2	6	4	1380	92	1	0	0	<0.05	0	0	1	77	1315	8%	0%
RL18/456167	Nancy Lake	ig	10	14	<1	<5	2	25	20	1	0	0	<0.05	0	1	2	95	1355	10%	0%
RL19/456168	Nancy Lake	sed	302	1	2	<5	2	48	0	9	<0.05	0	1	0	0	3	26	<5	50%	2%
RL46/456201	Nancy Lake	ig	364	121	4	<5	3	48	109	75	0	0	3	0	18	5	69	458	29%	>10%
RL51/456206	Nancy Lake	ig	8	114	3	<5	<1	293	44	<5	0	<0.01	<0.05	0	0	1	76	1975	7%	0%
RL52/456207	Nancy Lake	qtz	56	21	5	<5	3	128	14	1	0	<0.01	<0.05	0	0	1	20	720	4%	0%

SAMPLE NUMBER	Location	Rock Type	Cu ppm	Ni ppm	Au ppb	Pt ppb	Pd ppb	Cr ppm	Co ppm	As ppm	Sb ppm	Bi ppm	Te ppm	Ag ppm	Mo ppm	Pb ppm	Zn ppm	Mn ppm	Fe %	S %
RL20/456169	Berry Lake	ig	432	353	2	18	4	2020	88	1	0	0	0	1	2	8	146	1520	13%	3%
RL21/456170	Berry Lake	ig	707	667	6	25	18	2120	123	1	0	0	1	1	7	11	138	1475	16%	7%
RL22/456171	Berry Lake	ig	265	1000	4	11	27	1390	134	2	0	0	1	0	5	8	113	1395	17%	6%
RL23/456172	Berry Lake	ig	443	1740	10	63	128	1760	203	0	1	0	1	1	3	15	152	1800	15%	4%
RL24/456173	Berry Lake	ig	422	1915	19	40	92	1190	219	3	0	0	1	0	1	22	114	1300	15%	8%
RL25/456174	Berry Lake	ig	477	1875	56	50	97	1710	220	5	0	0	1	1	3	22	153	1300	17%	8%
RL26/456175	Berry Lake	ig	455	1410	8	55	85	1480	197	3	0	0	1	0	1	11	129	1305	18%	6%
RL27/456176	Berry Lake	ig	578	2140	11	67	120	1570	241	11	0	0	1	0	6	16	117	1215	19%	8%
RL28/456177	Berry Lake	ig	473	1440	4	44	76	1770	197	2	0	0	1	0	4	12	111	1300	16%	5%
RL53/456208	Berry Lake	ig	459	627	7	17	22	1950	117	1	0	0	0	1	0	8	172	1645	13%	3%
RL54/456209	Berry Lake	ig	374	1385	5	25	68	1450	184	10	0	0	1	0	6	19	128	1345	18%	9%
RL55/456210	Berry Lake	ig	643	2510	18	89	179	1560	254	1	1	0	1	1	1	15	121	1555	17%	7%
RL56/456211	Berry Lake	ig	99	975	3	5	13	1600	70	1	1	0	0	0	1	4	110	1575	10%	1%
RL57/456212	Berry Lake	ig	16	1430	5	47	49	2260	139	2	1	<0.01	0	0	0	1	273	1995	9%	0%
RL36/456184	Doublet Main Zone	ig	4	975	1	<5	5	2080	111	1	0	0	<0.05	0	0	1	81	1160	9%	0%
RL37/456185	Doublet Main Zone	sed	382	127	3	<5	1	45	64	8	0	0	4	0	35	10	12	350	25%	>10%
RL38/456186	Doublet Main Zone	sed	1340	597	33	<5	2	58	457	2	1	1	5	0	17	16	16	302	22%	>10%
RL39/456187	Doublet Main Zone	sed	107	77	18	<5	1	708	30	1	1	0	0	0	0	1	67	2200	9%	1%
RL40/456188	Doublet Main Zone	sed	1740	314	26	<5	3	100	201	47	0	0	4	0	23	9	13	115	26%	>10%
RL41/456189	Doublet Main Zone	sed	67	19	2	12	9	130	12	1	0	0	0	0	1	1	140	1205	8%	1%
RL42/456190	Doublet Main Zone	sed	1360	431	56	<5	7	8	308	153	2	1	5	1	17	31	12	46	42%	>10%
RL43/456191	Doublet Main Zone	sed	55	61	9	<5	5	33	22	79	2	0	1	0	23	18	41	979	9%	5%
RL44/456192	Doublet Main Zone	sed	826	289	32	7	17	54	97	61	0	0	1	1	27	6	48	330	27%	>10%
RL59/456214	NW Doublet Zone	ig	4	1025	1	8	7	2320	94	<0.2	<0.05	<0.01	<0.05	0	0	6	71	751	7%	0%
RL60/456215	NW Doublet Zone	ig	20	1125	<1	7	3	2440	105	<0.2	<0.05	<0.01	<0.05	0	0	3	82	704	8%	0%
RL61/456216	NW Doublet Zone	ig	3420	531	60	<5	1	21	440	1	0	0	4	0	9	14	8	82	43%	>10%
RL62/456217	NW Doublet Zone	ig	9700	365	24	5	7	43	316	2	0	0	3	1	7	10	41	268	36%	>10%
RL63/456218	NW Doublet Zone	ig	4430	962	107	<5	4	1570	90	1	<0.05	0	0	3	0	1	69	783	7%	0%
RL64/456219	NW Doublet Zone	ig	1315	250	12	<5	4	35	156	3	0	0	4	0	15	12	13	565	35%	>10%
RL65/456220	NW Doublet Zone	ig	1500	355	34	<5	15	23	253	4	1	0	3	1	22	14	25	171	40%	>10%
RL67/456221	NW Doublet Zone	ig	637	344	13	<5	14	8	180	1	0	0	3	1	4	6	7	104	48%	>10%
RL29/456178	Blue Lake North	ig	1020	105	6	52	179	1120	25	0	0	0	0	0	1	2	56	1125	10%	1%
RL30/456179	Blue Lake North	ig	977	1265	18	49	147	1360	169	2	1	0	0	0	1	3	91	1050	15%	5%
RL32/456180	Blue Lake North	ig	1545	1600	5	33	132	1240	205	1	0	0	0	0	0	2	68	952	15%	5%
RL33/456181	Blue Lake North	ig	1065	802	5	31	147	988	110	1	0	0	0	0	1	2	76	1370	15%	5%
RL34/456182	Blue Lake North	ig	947	658	2	8	24	1310	178	2	0	0	0	0	6	2	72	901	15%	4%

SAMPLE NUMBER	Location	Rock Type	Cu ppm	Ni ppm	Au ppb	Pt ppb	Pd ppb	Cr ppm	Co ppm	As ppm	Sb ppm	Bi ppm	Te ppm	Ag ppm	Mo ppm	Pb ppm	Zn ppm	Mn ppm	Fe %	S %
RL35/456183	Blue Lake North	ig	1365	1735	10	35	166	1120	233	2	0	0	0	0	3	5	95	1055	20%	10%
RL58/456213	Blue Lake North	ig	772	654	7	30	122	1300	117	<0.2	0	0	0	0	2	2	114	1345	10%	4%
RL68	Blue Lake North	ig	1600	1015	<1	45	99	828	148	1	0	0	0	0	4	3	69	1165	17%	7%
RL69	Blue Lake North	ig	2590	1825	21	43	199	982	229	1	0	0	0	1	4	2	102	1345	18%	7%
RL70	Blue Lake North	ig	78	62	1	<5	4	39	10	1	0	0	<0.05	0	0	3	18	61	1%	0%
RL71	Blue Lake North	ig	1125	1340	8	43	150	1305	171	1	0	0	0	0	4	4	82	1085	15%	5%
RL72	Blue Lake North	ig	1490	1540	12	45	156	1185	205	0	0	0	0	0	2	3	71	1030	13%	5%
RL73	Blue Lake North	ig	855	829	<1	20	69	1235	110	1	0	0	0	0	1	2	76	1090	11%	2%
RL74	Blue Lake North	ig	967	1125	4	32	123	1390	133	2	0	0	0	0	2	3	105	1195	12%	4%
RL75	Blue Lake North	ig	1960	1365	3	53	174	1010	181	3	0	0	0	0	5	3	75	1245	16%	9%
RL76	Blue Lake North	ig	3370	2290	8	63	305	1025	340	1	0	0	0	0	5	4	62	859	24%	9%
RL77	Blue Lake North	ig	2300	1640	11	43	193	1215	206	2	0	0	0	0	4	3	74	987	18%	8%
RL78	Blue Lake North	ig	2040	2030	14	37	211	1210	269	1	0	0	0	0	4	5	64	978	20%	8%
RL79	Blue Lake North	ig	2100	1655	3	83	309	945	237	1	0	0	0	1	2	2	127	1755	16%	8%
RL80	Blue Lake North	ig	1890	1525	20	51	183	1110	180	2	0	0	0	0	3	3	87	1010	17%	5%
RL81	Blue Lake North	ig	2410	1985	24	79	295	1005	244	1	0	0	0	1	2	2	87	1275	14%	8%
RL83	Blue Lake North	ig	1405	1560	<1	47	150	1320	176	0	0	0	0	0	3	3	78	1155	17%	6%
RL84	Blue Lake North	ig	2250	1800	100	<5	<1	963	224	1	0	0	0	0	2	3	63	1075	15%	7%
RL85	Blue Lake North	ig	989	721	7	44	177	1025	110	1	0	0	0	0	2	1	147	2300	13%	3%
RL86	Blue Lake North	ig	1420	1720	<1	41	153	1485	231	1	1	0	0	0	0	6	67	791	15%	7%
RL87	Blue Lake North	ig	2120	1530	4	63	190	1060	205	2	1	0	0	0	4	4	79	1070	20%	9%
RL88	Blue Lake North	ig	3110	1810	18	23	243	1050	224	3	1	0	0	0	8	5	96	1130	23%	>10%
RL89	Blue Lake North	ig	171	828	2	22	95	1220	43	4	0	0	0	0	1	1	150	2190	12%	3%
RL90	Blue Lake North	ig	731	1700	2	21	41	1860	211	0	0	0	0	0	0	3	77	1060	16%	5%
RL91	Blue Lake North	ig	2570	1740	4	82	314	806	227	0	0	0	0	1	3	2	130	1665	18%	8%
RL93	Blue Lake North	ig	2000	1680	6	36	215	1060	211	1	0	0	0	0	6	2	102	1420	16%	6%
RL94	Blue Lake North	ig	589	894	<1	13	40	1190	157	0	0	0	0	0	1	2	52	1090	13%	5%
RL95	Blue Lake North	ig	1165	1515	97	45	186	1520	180	18	1	0	0	0	1	2	58	725	11%	3%
RL96	Blue Lake North	ig	306	858	3	12	29	2470	102	1	3	0	<0.05	0	0	11	139	1455	10%	0%
RL97	Blue Lake North	ig	1515	903	5	<5	24	1150	215	<0.2	0	0	0	0	1	1	65	1365	13%	4%
RL98	Blue Lake North	ig	1920	282	7	37	165	1490	93	2	0	0	0	0	3	3	93	1185	15%	2%
RL99	Blue Lake North	ig	1630	310	10	42	215	1580	59	1	0	0	0	0	6	4	85	1075	18%	3%
RL100	Blue Lake North	ig	2900	1880	9	61	295	932	274	2	0	0	1	1	3	2	97	1235	19%	9%
RL101	Blue Lake North	ig	674	647	3	16	50	1180	117	10	0	0	0	0	1	1	71	1315	10%	3%
RL102	Blue Lake North	ig	870	1560	<1	102	222	1240	191	2	1	0	0	0	1	3	62	978	14%	6%

27 ILLUSTRATIONS



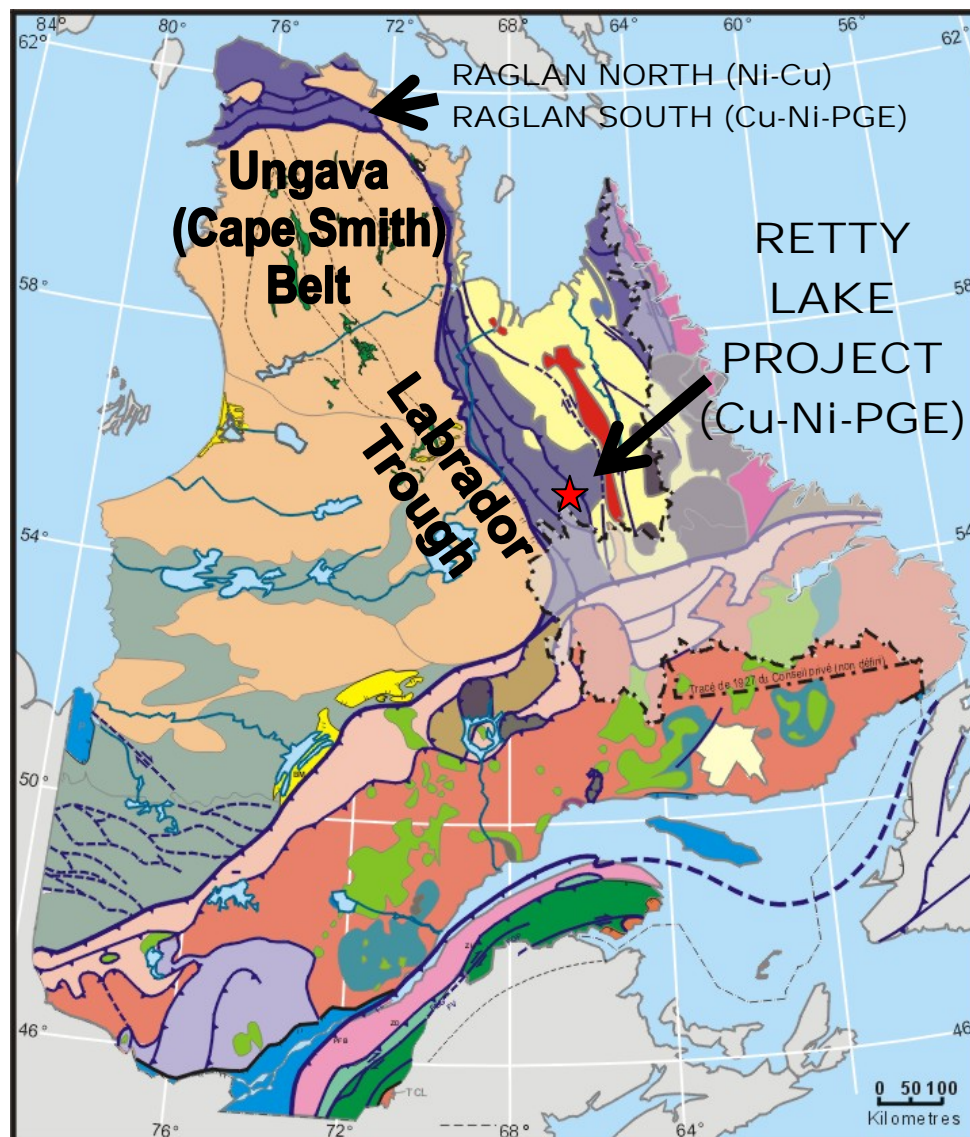
Retty Lake Project

Location Map

Rockland Minerals Corp.

Figure 1-- Location of the Retty Lake Project

Geology of Québec Cu-Ni-PGE Belts



From:
Theriault et. al. (2003) DV 2003-05
Clark, Moukhsil and Perreault (2004)

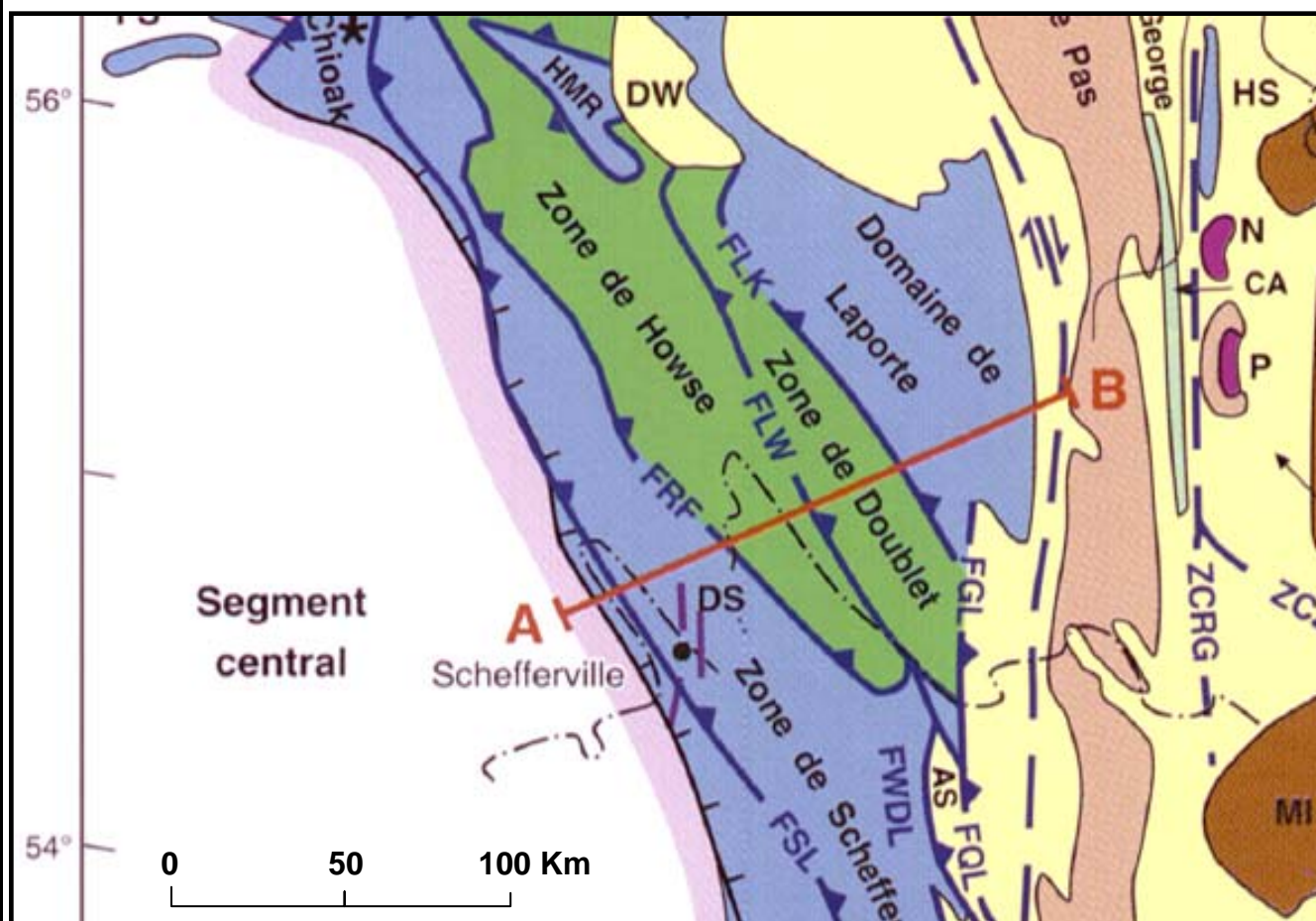
Retty Lake Project

Geology of Québec
Cu-Ni-PGE Belts

Rockland Minerals Corp.

Figure 2-- Geology of Québec with Cu-Ni-PGE Belts

Southern Labrador Trough Doublet Terrane



KEY

FLK -- Lac Keato Fault

FLW -- Lac Walsh Fault

From: Clark (1994), MM-9401

Retty Lake Project

Southern Labrador Trough
Doublet Terrane

Rockland Minerals Corp.

Figure 3 -- Southern Labrador Trough -- Doublet Terrane

Southern Labrador Trough Lithotectonic Units and Regional Structure

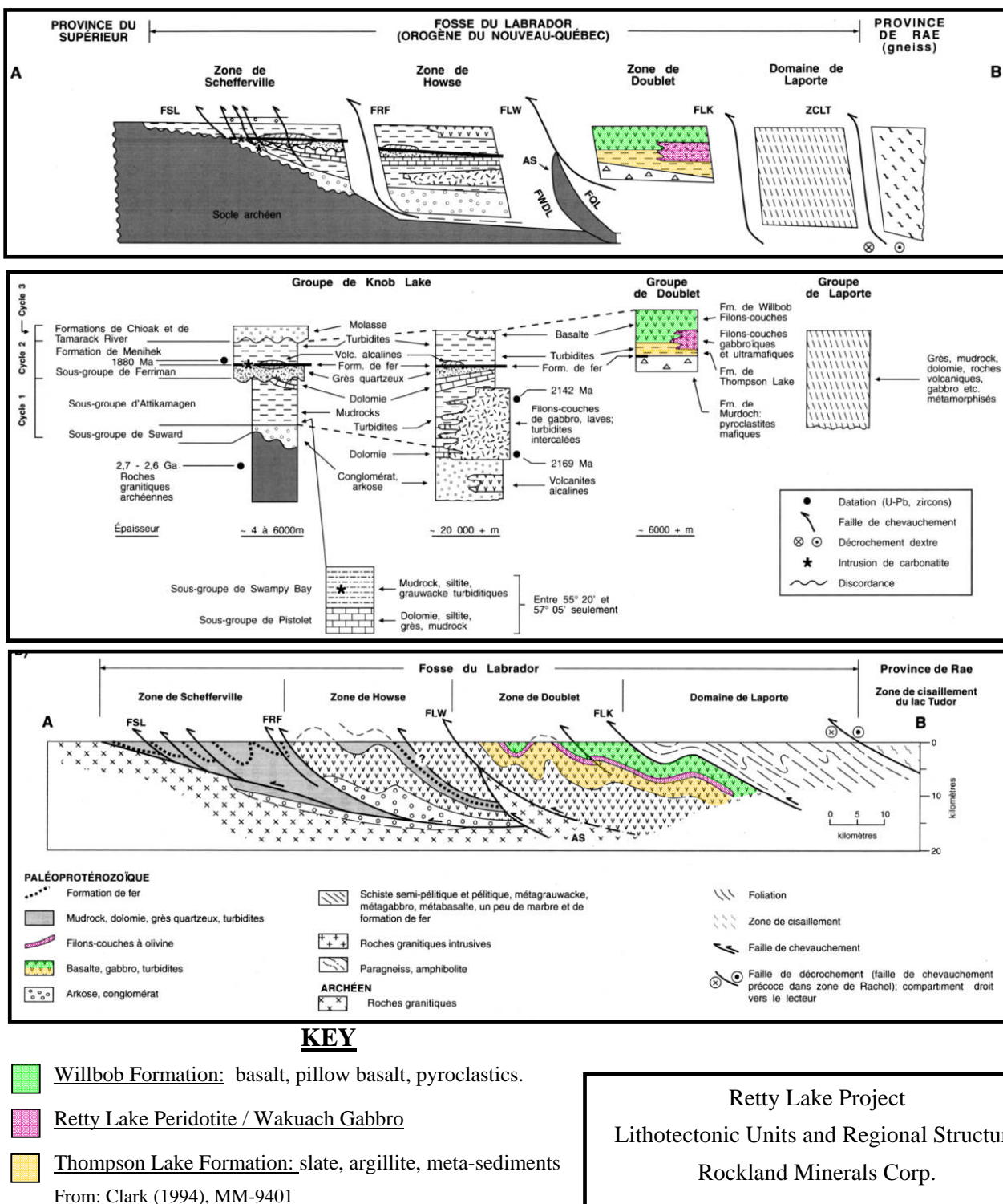
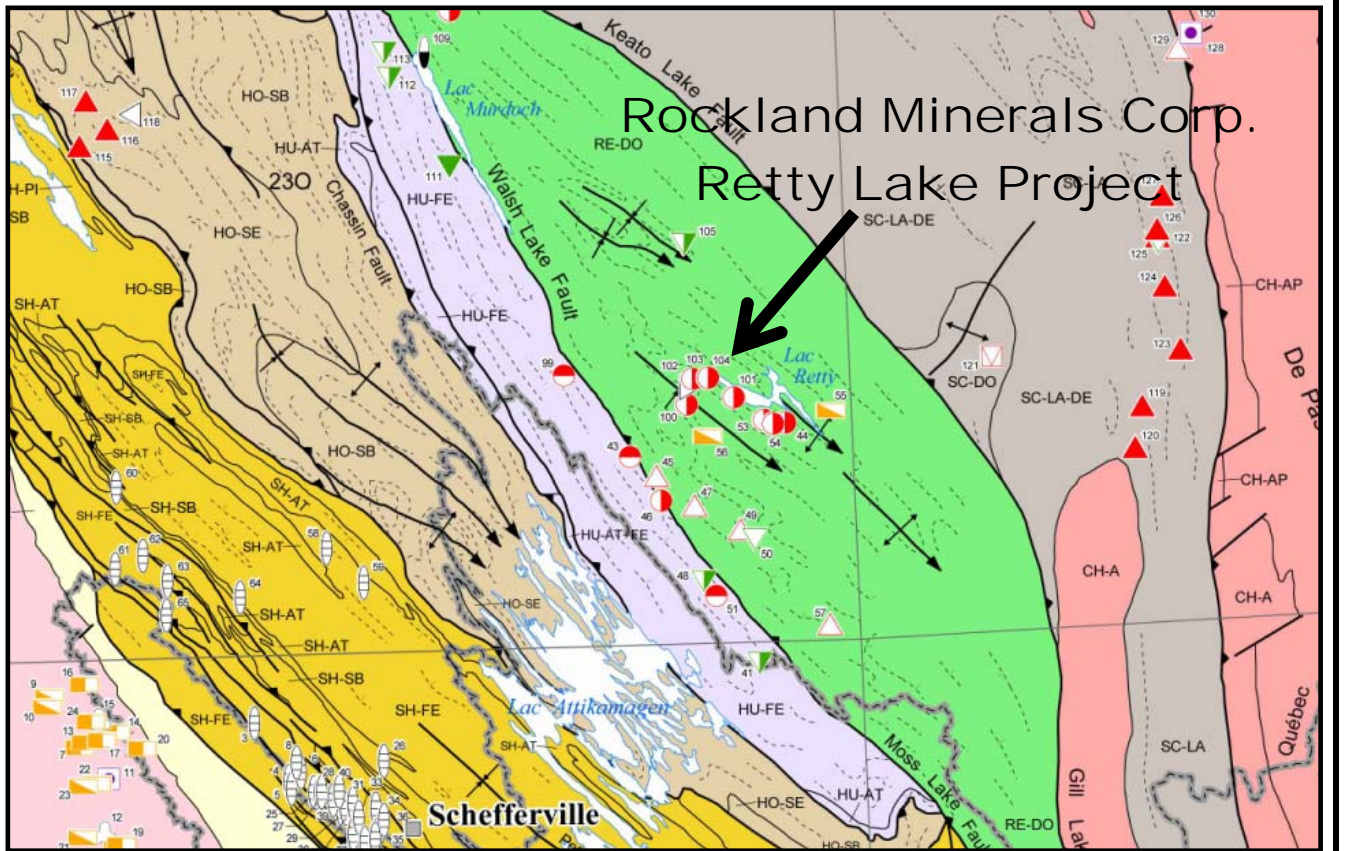


Figure 4 -- Lithotectonic Units and Regional Structure, Southern Labrador Trough

Southern Labrador Trough Doublet Terrane and Retty Lake Cu-Ni-PGE



0 10 20 40 60 Km

KEY

MINERAL DEPOSIT TYPES

- | | |
|--|--|
| <ul style="list-style-type: none"> 21A -- enriched iron formation (direct shipping) Fe ± Mn 2b -- Algoma type iron formation (iron pyrite in graphitic mudstone) 14 -- disseminated and replacement gold vein Au ± As in Archean iron formation 17 -- vein copper 19c -- skarn deposits in sedimentary rocks | <ul style="list-style-type: none"> 10b -- Cu-Ni-Co ± PGE in aphyric gabbro (gabbro ± peridotite) 10c -- Cu-Ni-Co ± PGE in glomeroporphyritic gabbro (gabbro ± pyroxenite) 17a -- vein Cu-Au ± Ag assoc. w/mafic rocks 3a--Cu-Zn-Co-Ag-Au in graphitic mudstone (exhalative) 3b-- Zn-Pb-Co-Ag-Au in graphitic mudst. (exhalative) |
|--|--|

From: Clark and Wares (2005) MM 2005-01

Retty Lake Project
Doublet Terrane and Retty Lake Cu-Ni-PGE
Rockland Minerals Corp.

Figure 5 -- Doublet Terrane and Retty Lake Cu-Ni-PGE

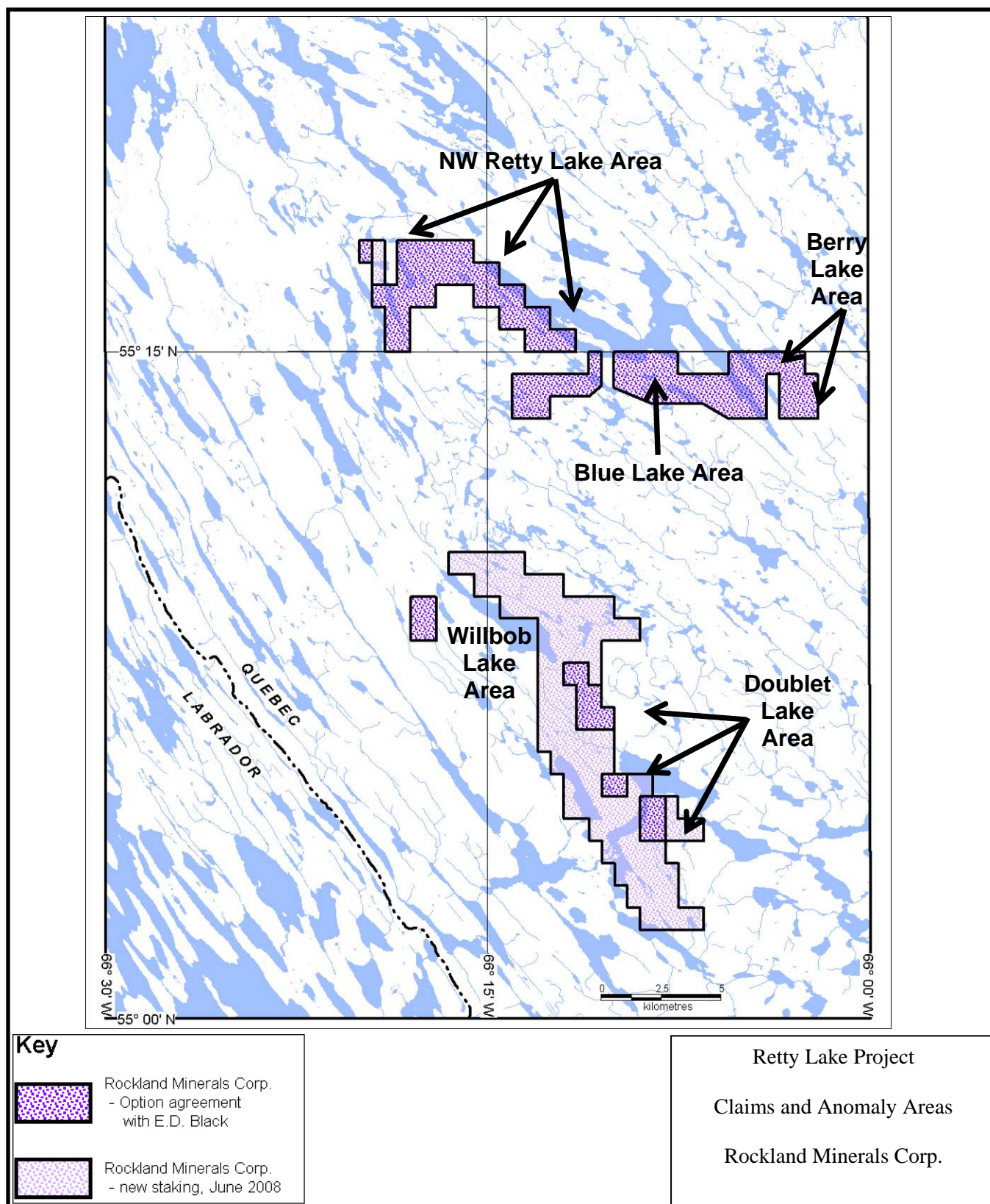


Figure 6 -- Retty Lake Project -- Claims and Anomaly Areas

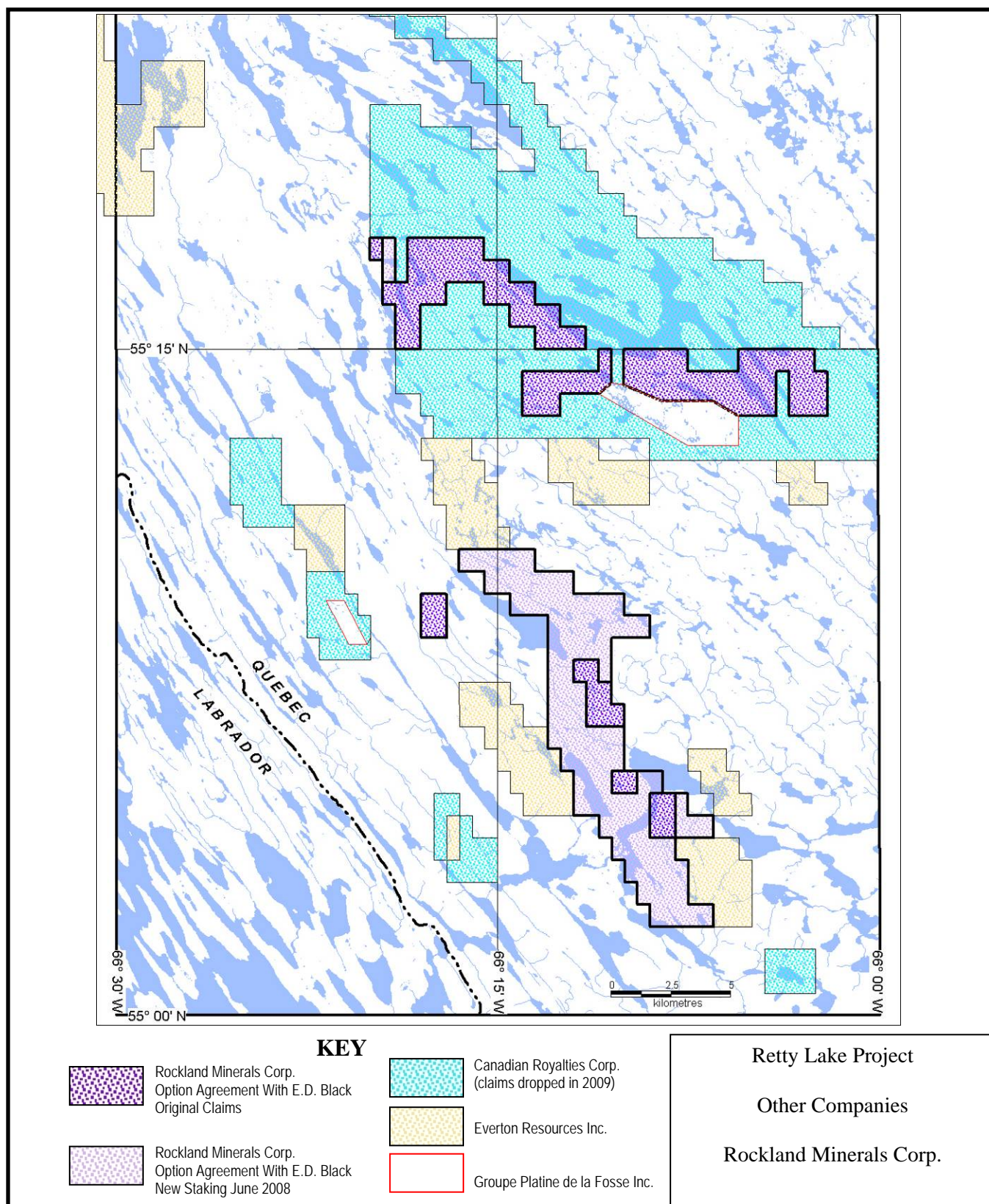


Figure 7 -- Retty Lake Project, Other Companies

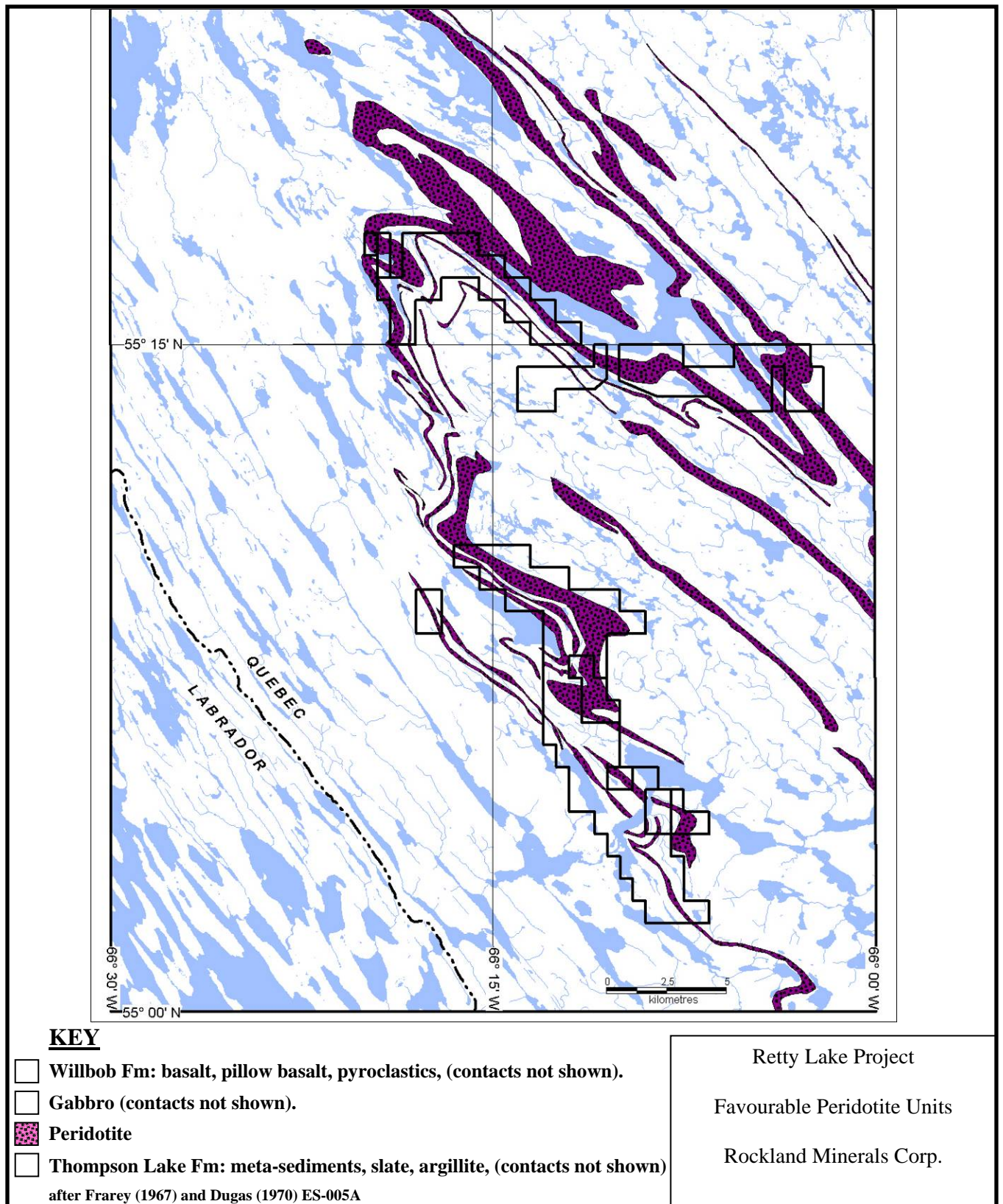


Figure 8 -- Retty Lake Project, Favourable Peridotite Units

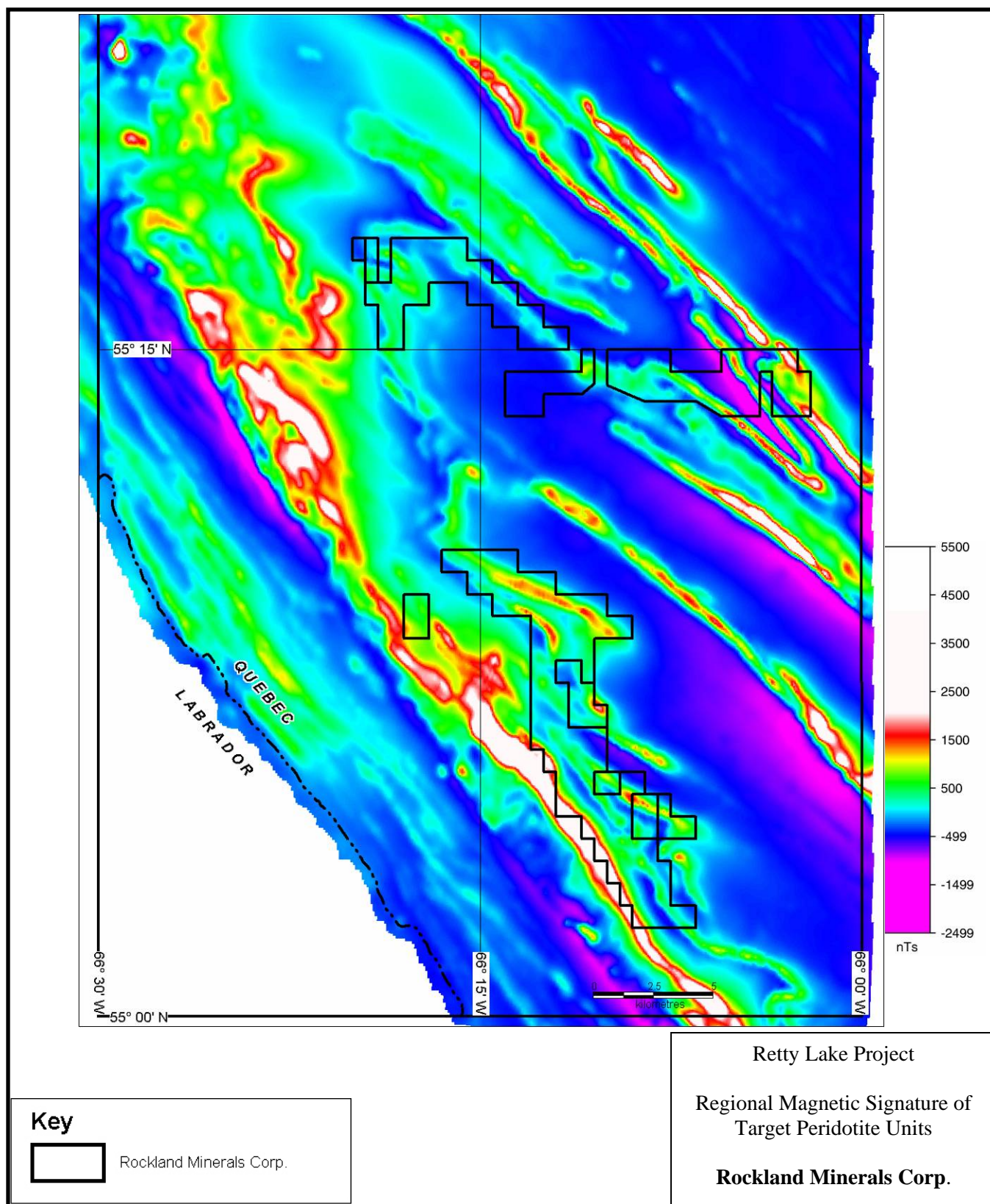


Figure 9 -- Regional Magnetic Signature of Target Peridotite Units

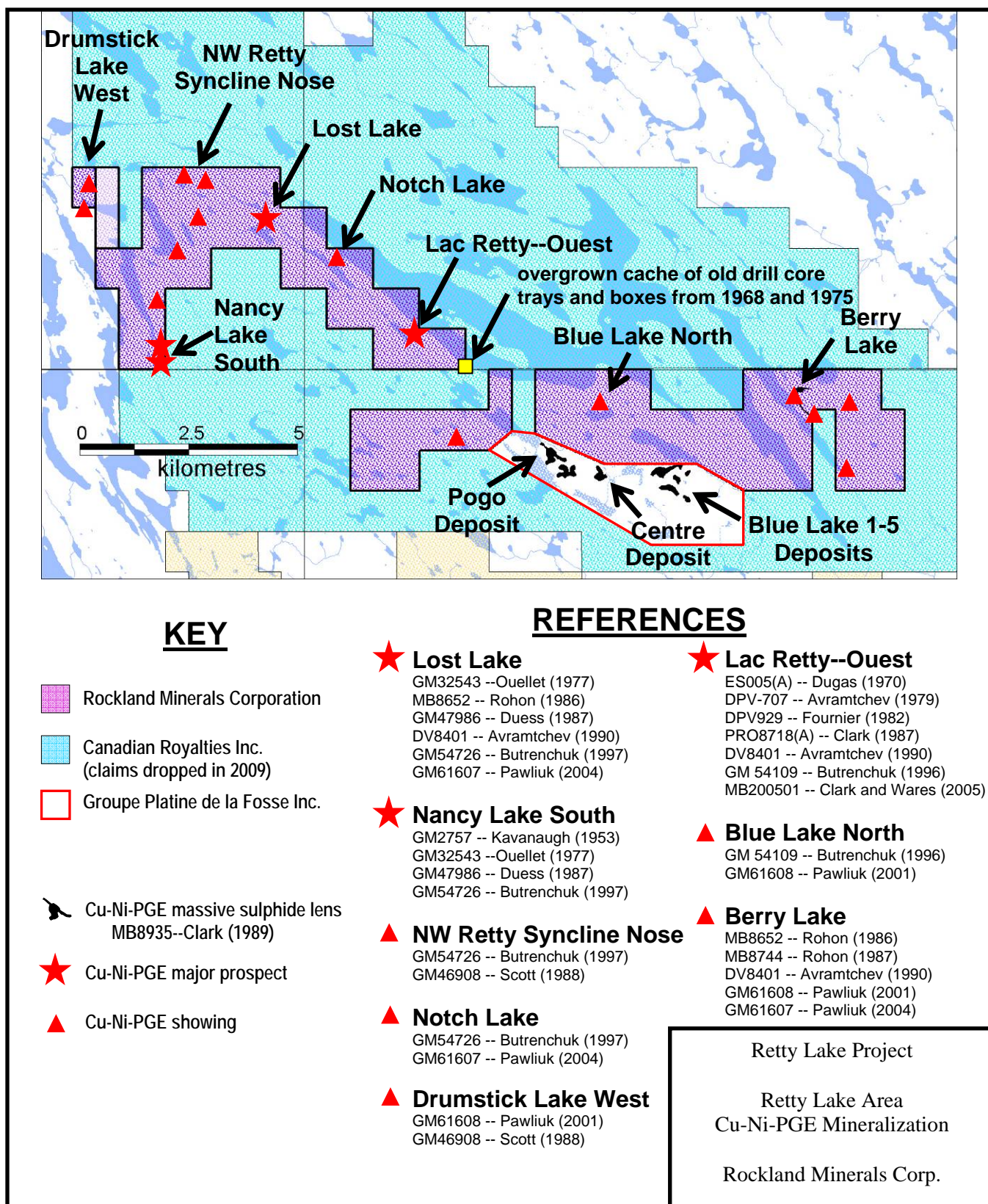





Figure 10 -- Retty Lake Area, Cu-Ni-PGE Mineralization

KEY

-  Rockland Minerals Corporation
--E.D. Black Option Claims
-  Rockland Minerals Corporation
--New Staking 2008
-  Cu-Ni showing

REFERENCES

Doublet Main Zone

DPV929 Fournier (1982)
MB8652 -- Rohon (1986)
GM54109 -- Butrenchuk (1996)
GM61608 -- Pawliuk (2001)

Doublet Camp Zone

GM54109 -- Butrenchuk (1996)
GM61608 -- Pawliuk (2001)

Doublet Narrows Pt-Pd

GM61608 -- Pawliuk (2001)

Doublet Narrows Zone

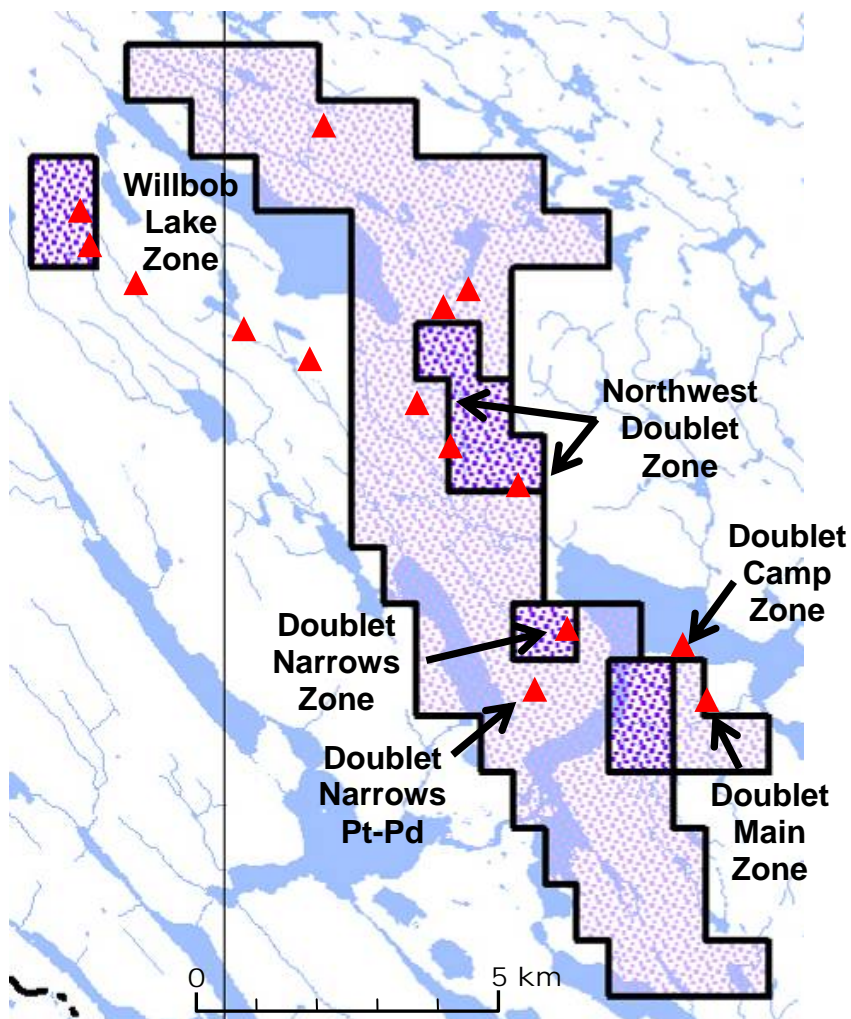
GM54109 -- Butrenchuk (1996)
GM61608 -- Pawliuk (2001)

Northwest Doublet

MB8652 -- Rohon (1986)
DPV929 -- Fournier (1982)
GM54109 -- Butrenchuk (1996)
GM61608 -- Pawliuk (2001)

Willbob Lake Zone

GM54109 -- Butrenchuk (1996)



Retty Lake Project

Doublet-Willbob Area
Cu-Ni Mineralization

Rockland Minerals Corp.

Figure 11 -- Doublet-Willbob Area, Cu-Ni Mineralization

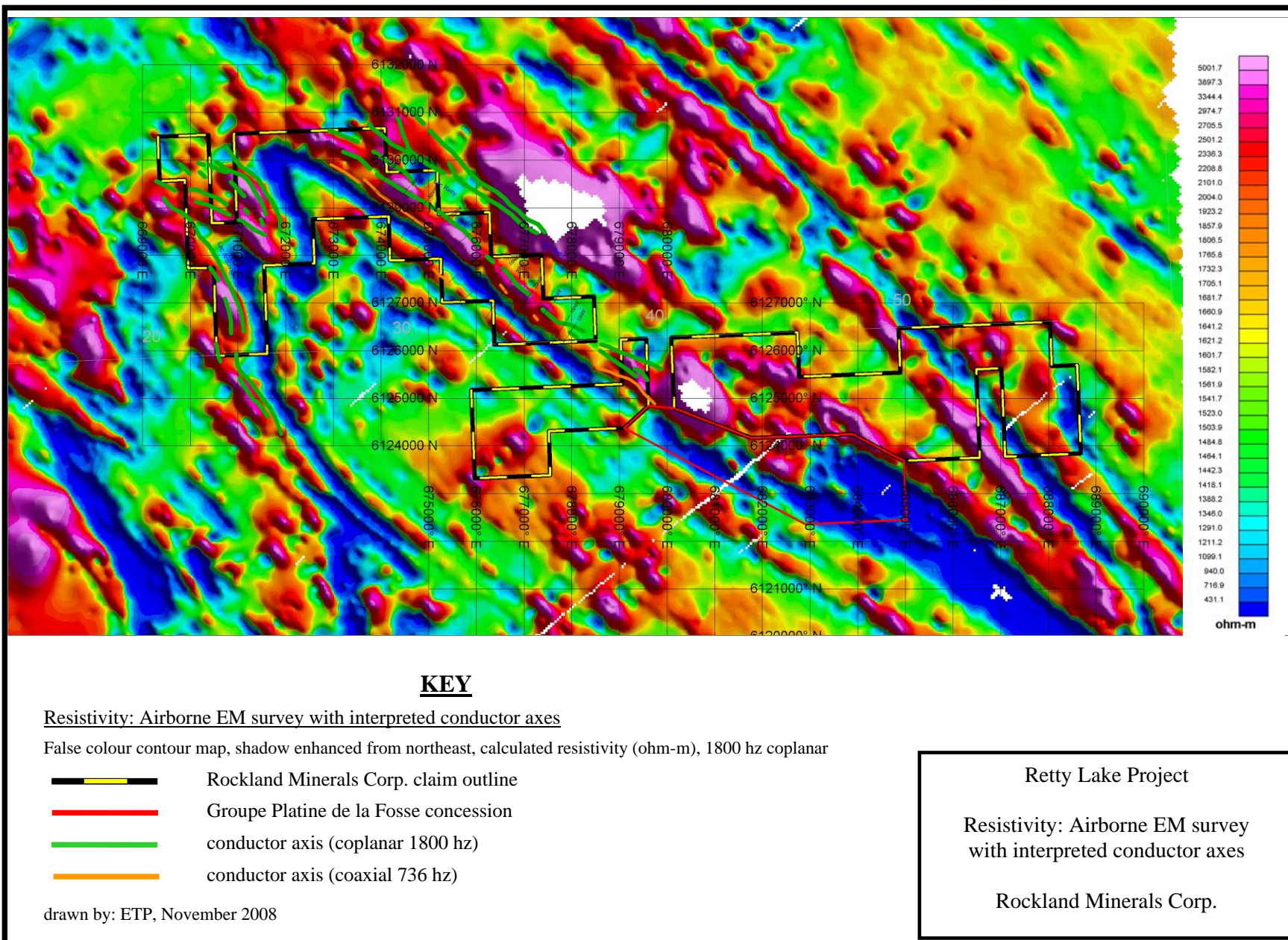
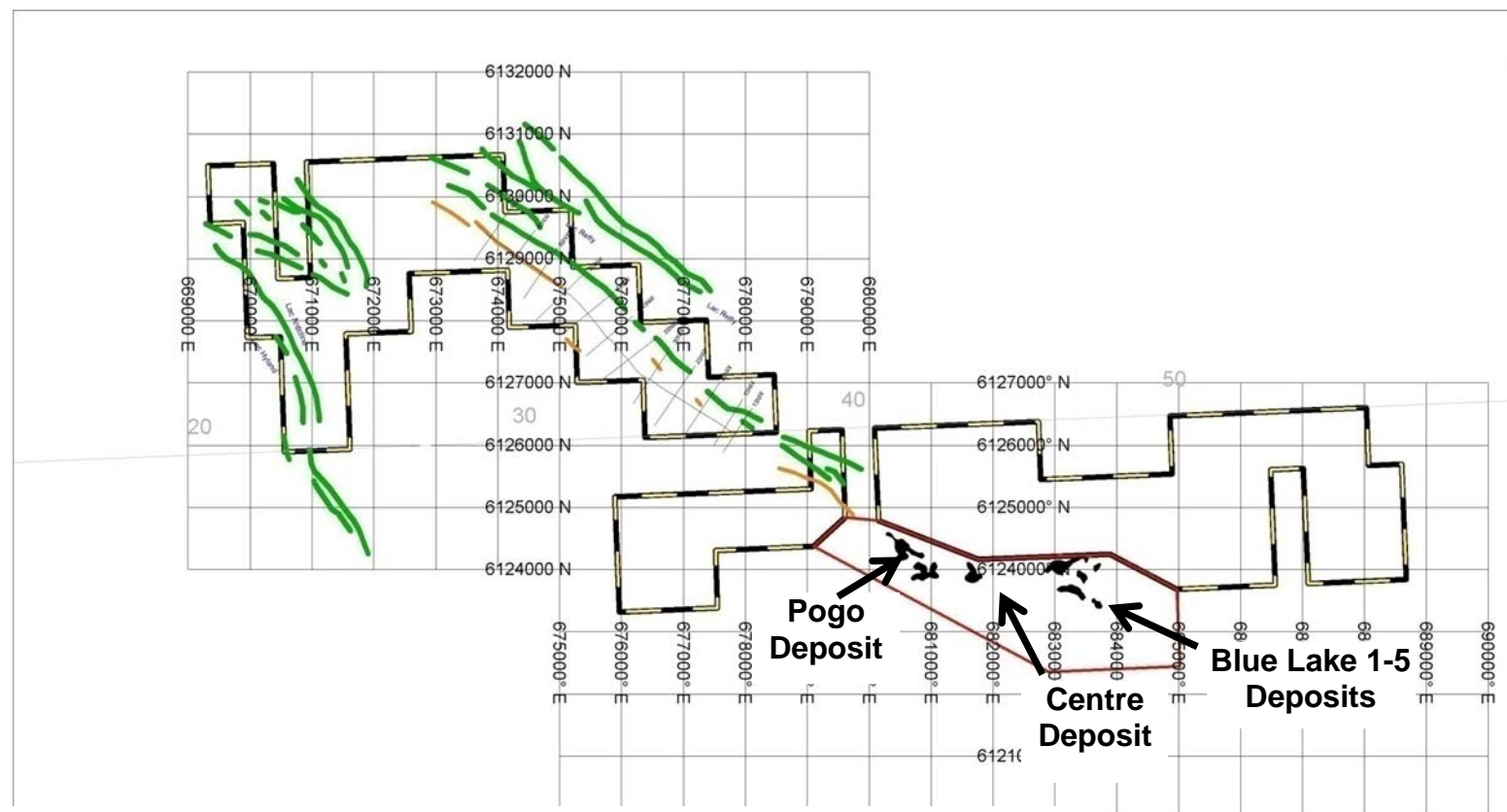







Figure 12 -- Resistivity: Airborne EM survey with interpreted conductor axes



KEY

Interpretation: Airborne EM Survey

-  Rockland Minerals Corp. claim outline
 Groupe Platine de la Fosse concession
 massive sulfide lenses with Cu-Ni-PGE mineralization from Clark (1989) MB8935
 conductor axis (coplanar 1800 hz)
 conductor axis (coaxial 736 hz)

drawn by: ETP, November 2008

Retty Lake Project

Interpretation: Airborne EM Survey

Rockland Minerals Corp.

Figure 13 -- Interpretation: Airborne EM Survey

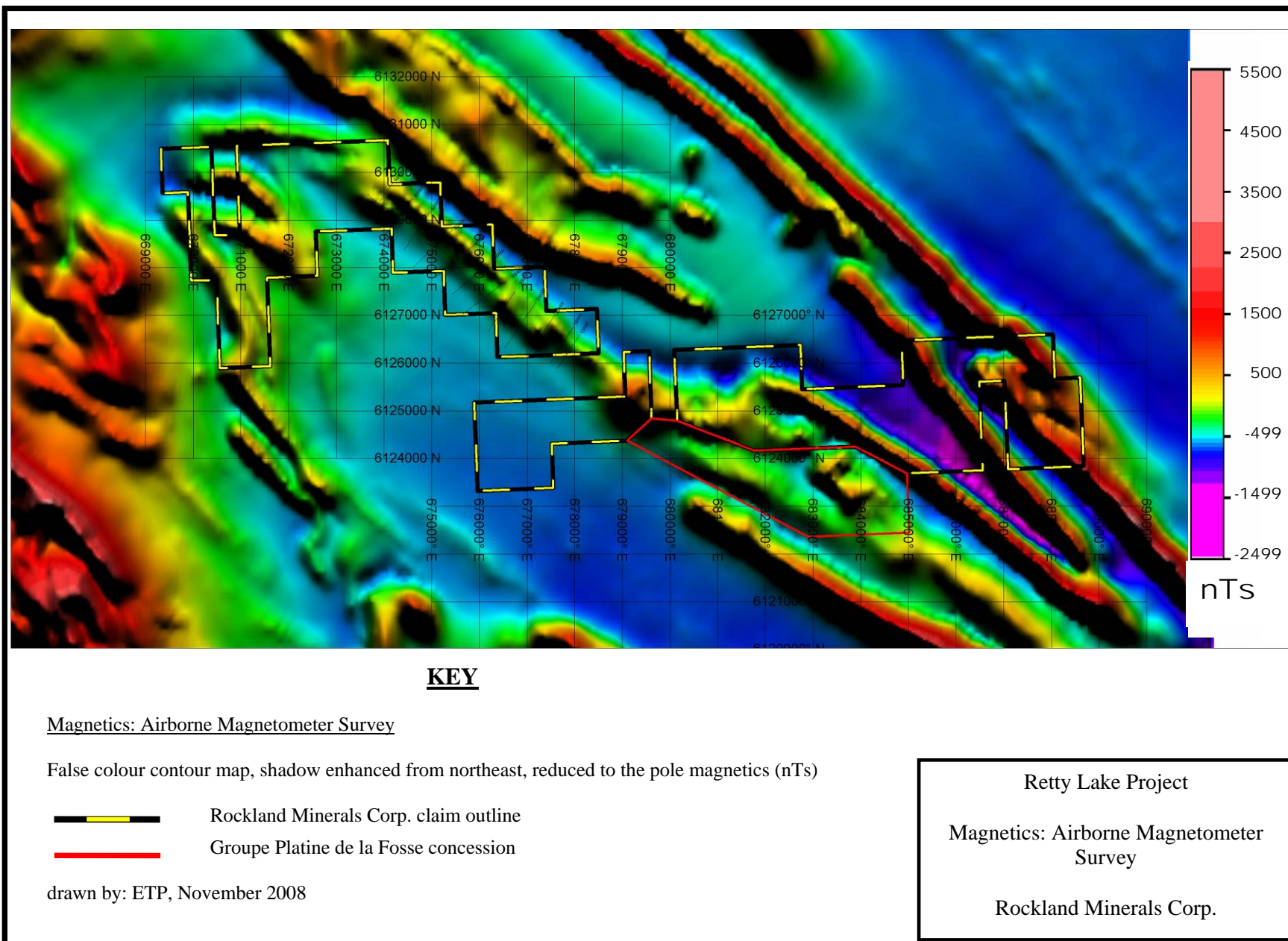
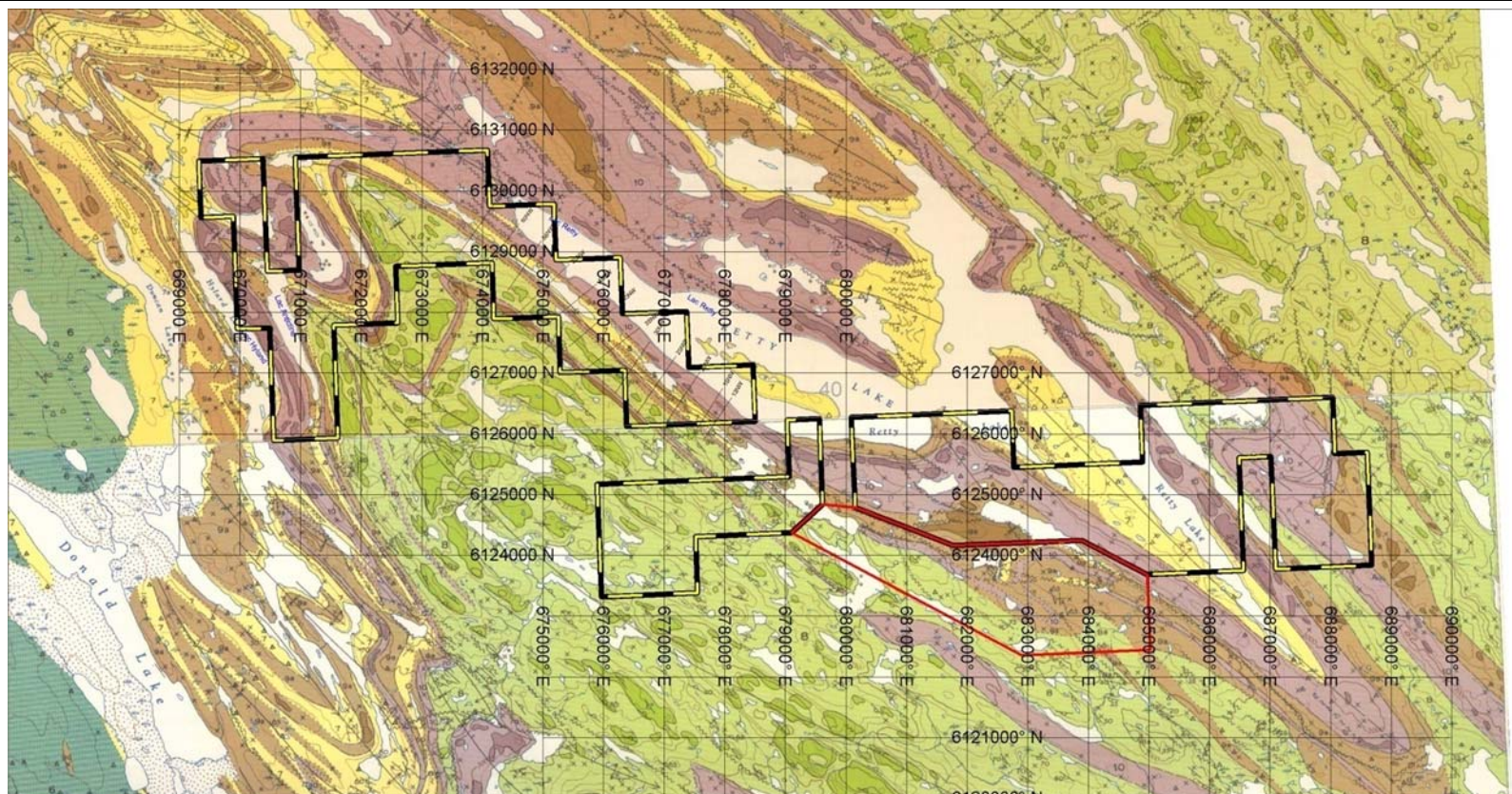


Figure 14 -- Magnetics: Airborne Magnetometer Survey



KEY

- Willbob Formation:** basalt, pillow basalt, pyroclastics
- Gabbro**
- Peridotite**
- Thompson Lake Formation:** meta-sediments, slate, argillite

- Rockland Minerals Corp. claim outline
- Groupe Platine de la Fosse concession

from: Frarey (1967), GSC Memoir 348

Retty Lake Project

Geology from Frarey (1967)
GSC Memoir 348

Rockland Minerals Corp.

Figure 15 -- Geology from Frarey (1967), GSC Memoir 348

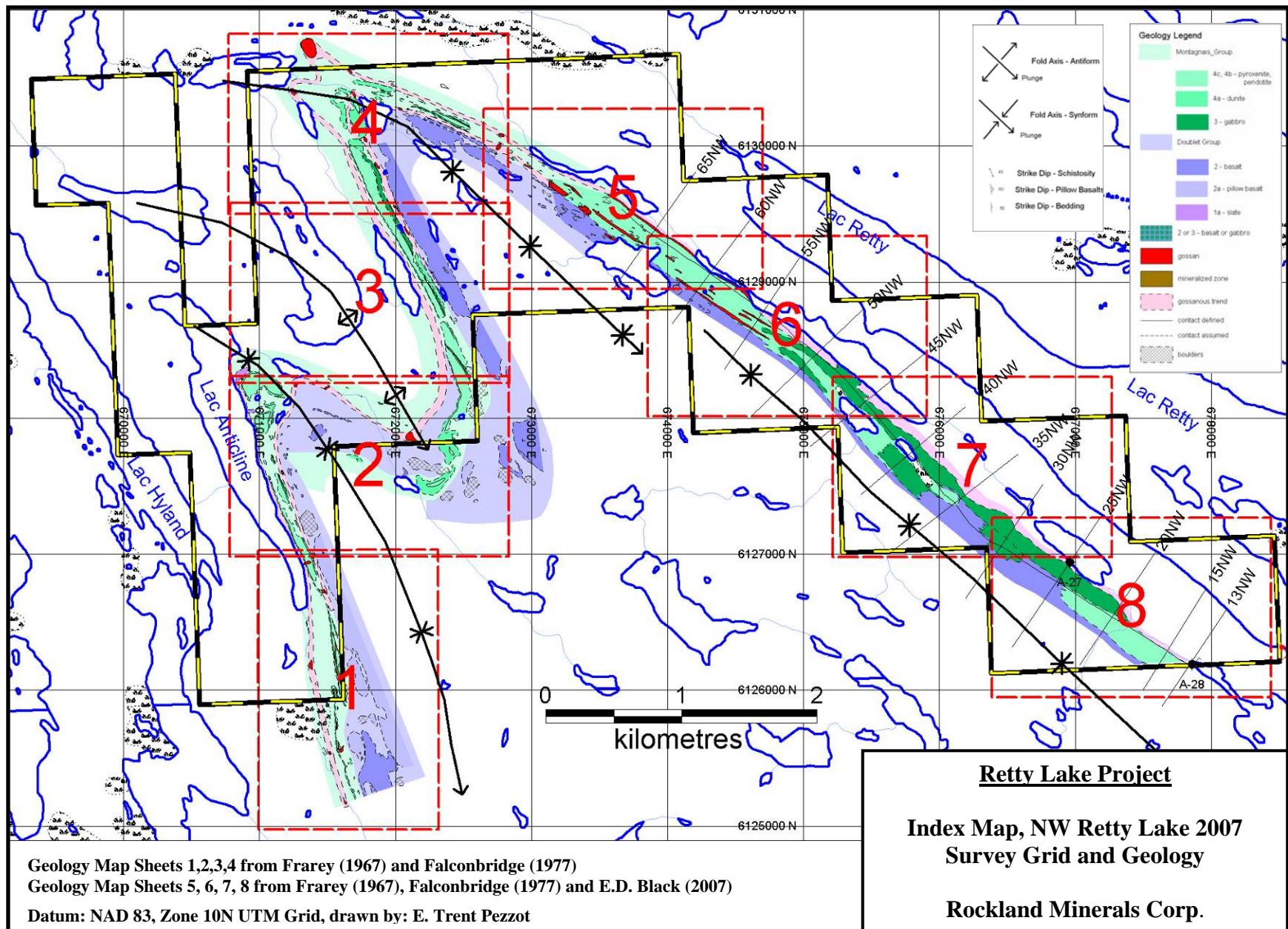


Figure 16-- Index Map, NW Retty Lake 2007 Survey Grid and Geology

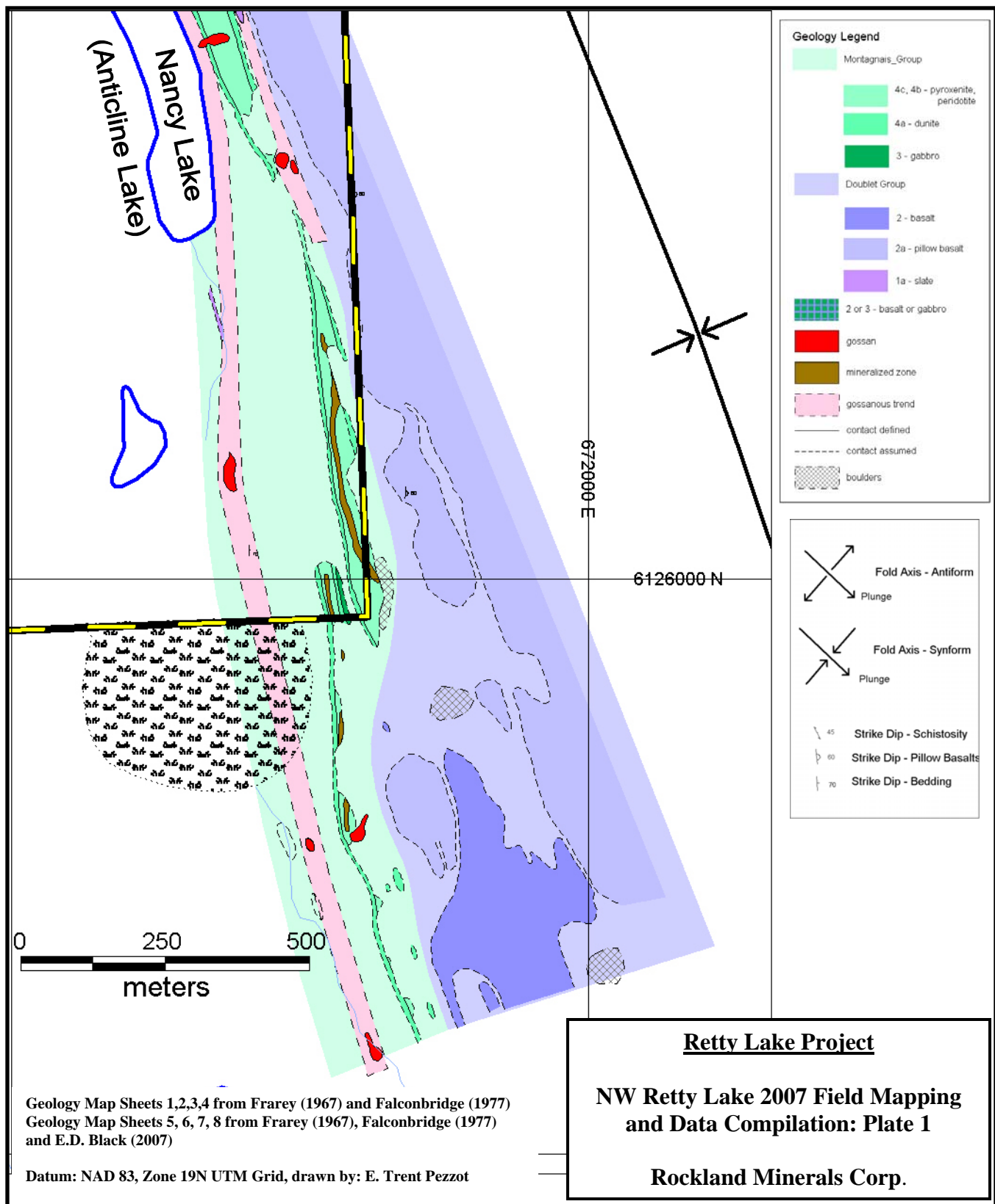


Figure 17-- NW Retty Lake 2007 Field Mapping and Data Compilation: Plate 1 (Nancy Lake South)

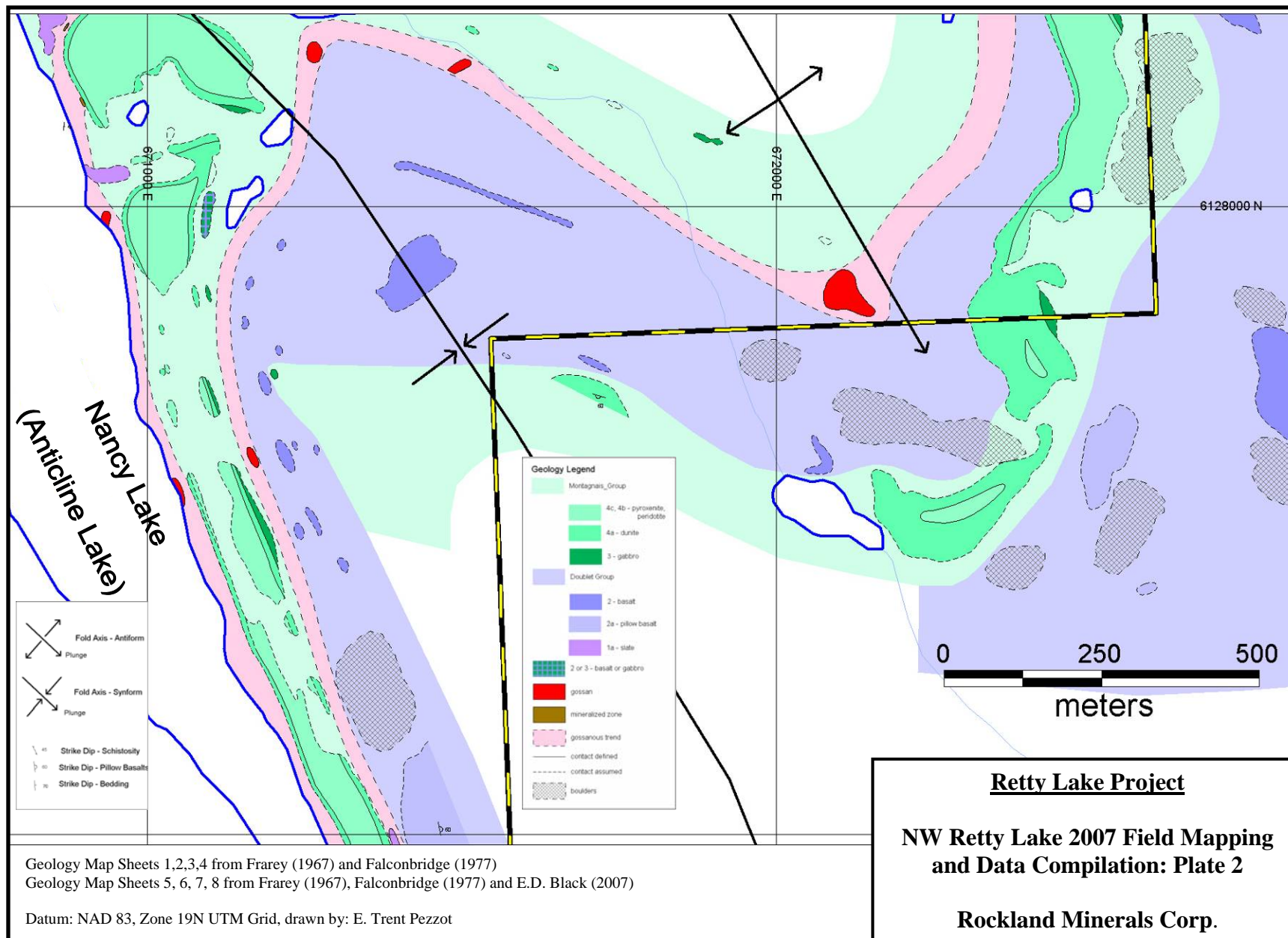


Figure 18-- NW Retty Lake 2007 Field Mapping and Data Comp.: Plate 2 (NW Retty Syncline Nose)

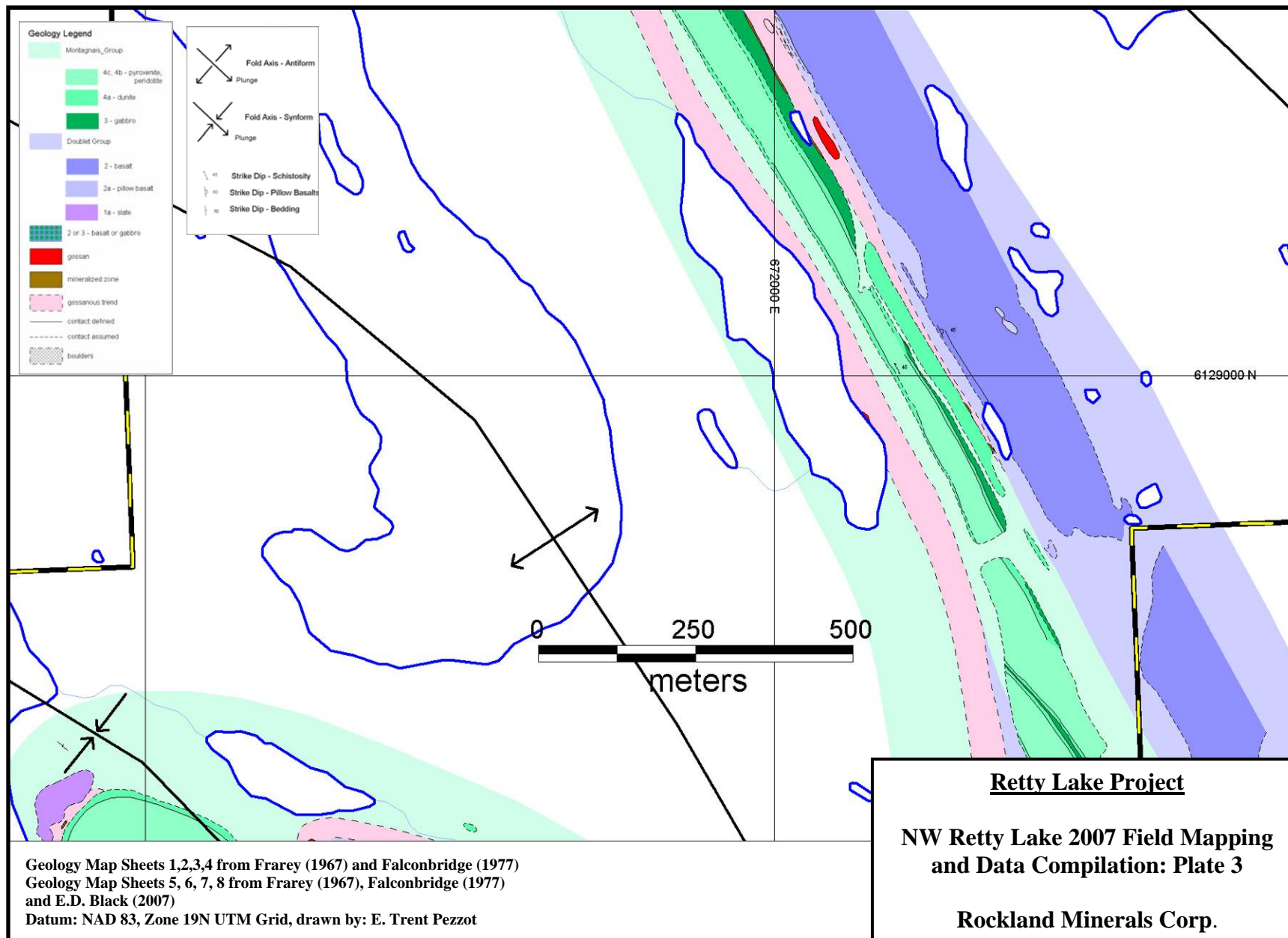


Figure 19-- NW Retty Lake 2007 Field Mapping and Data Comp.: Plate 3 (NW Retty Syncline Nose)

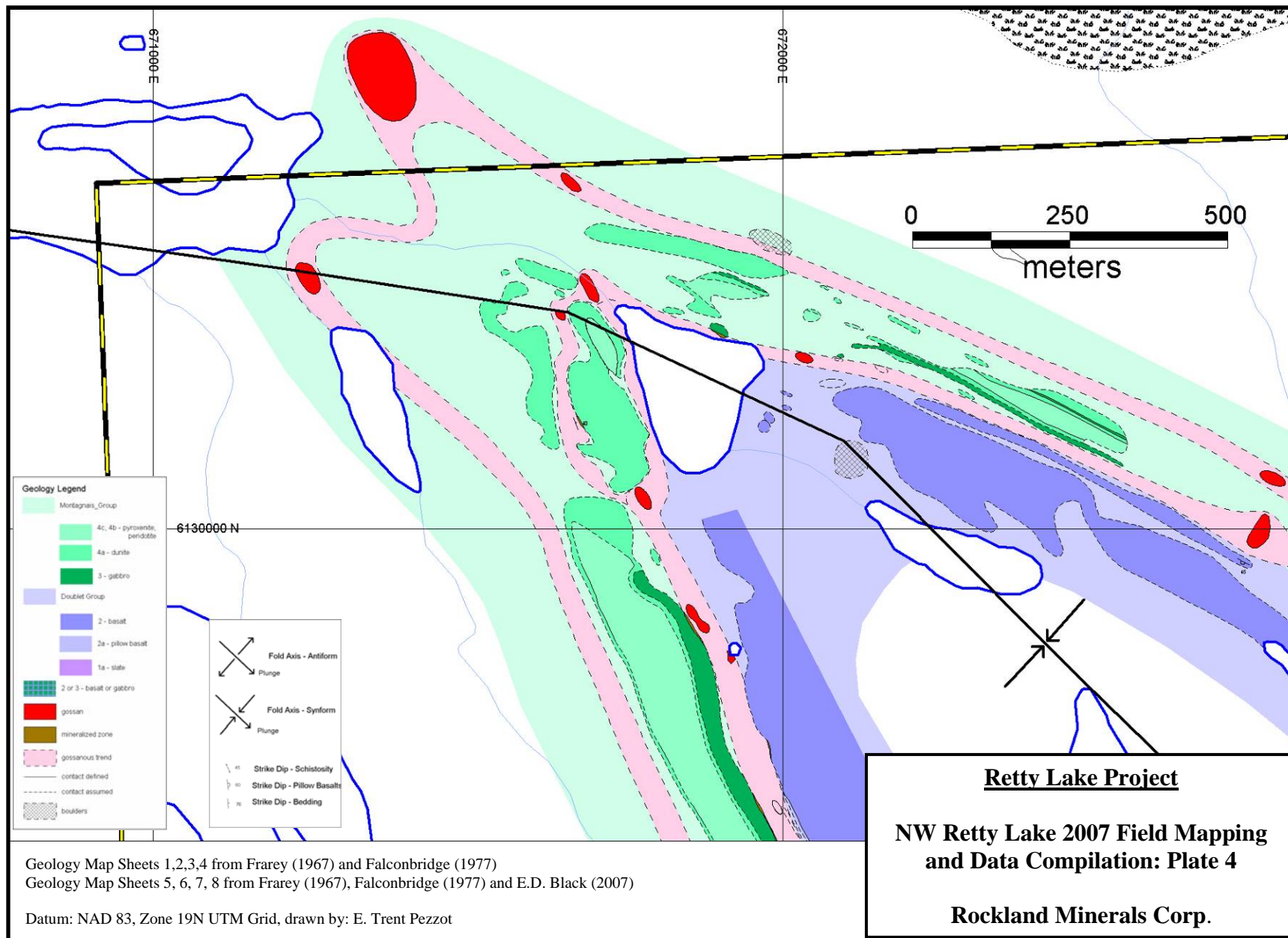


Figure 20-- NW Retty Lake 2007 Field Mapping and Data Comp.: Plate 4 (NW Retty Syncline Nose)

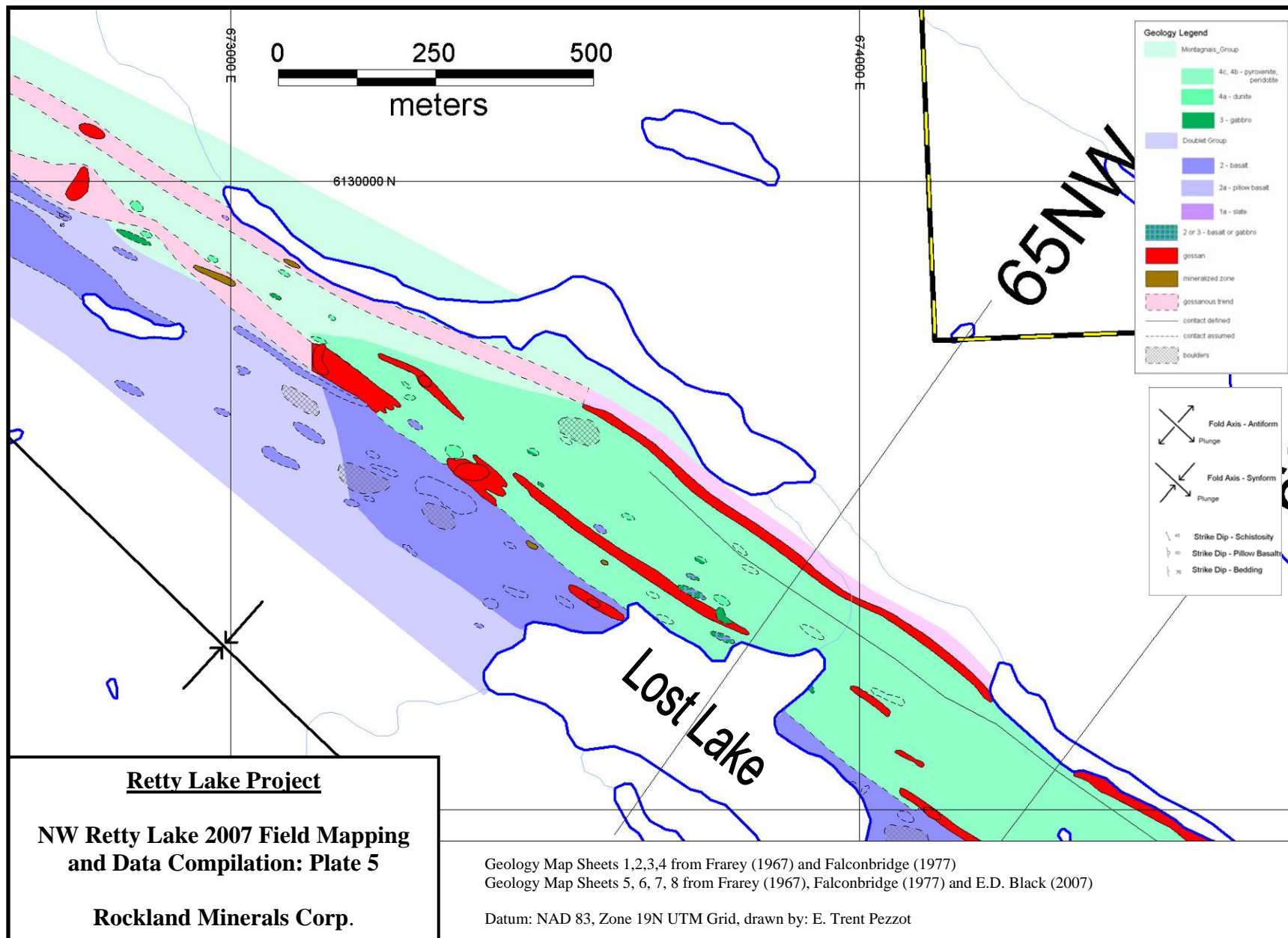


Figure 21-- NW Retty Lake 2007 Field Mapping and Data Compilation: Plate 5 (Lost Lake)

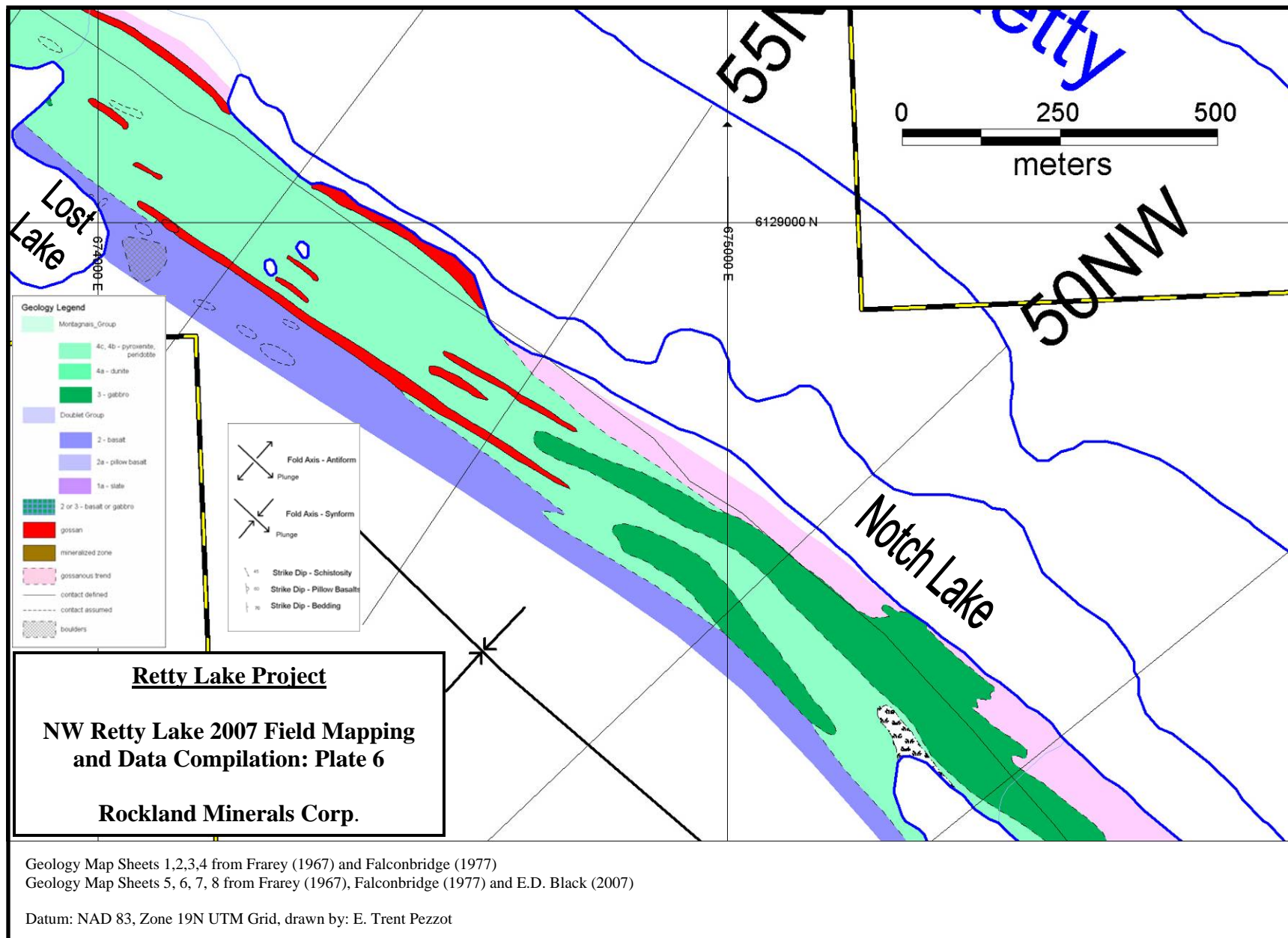


Figure 22-- NW Retty Lake 2007 Field Mapping and Data Compilation: Plate 6 (Notch Lake)

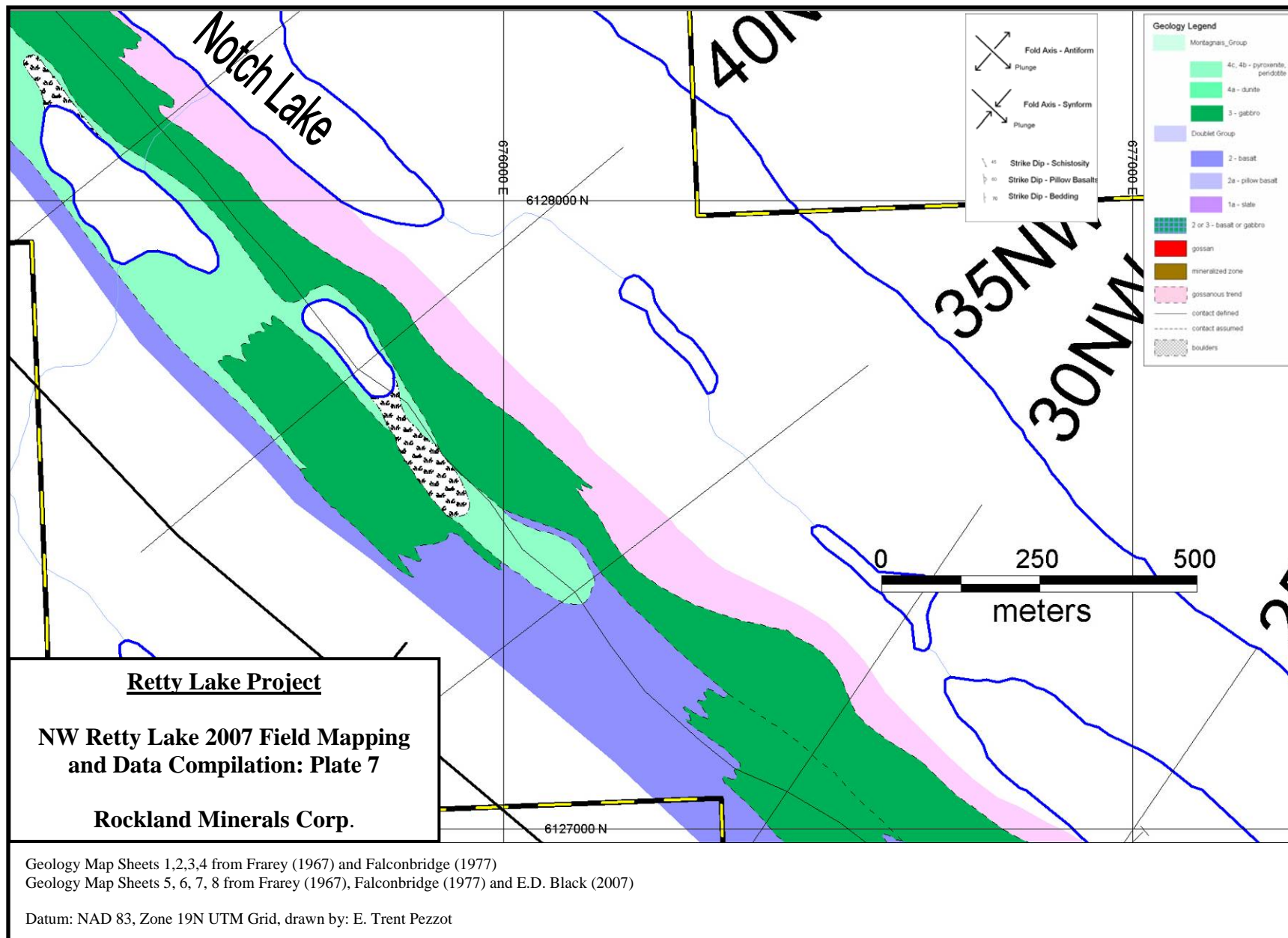


Figure 23-- NW Retty Lake 2007 Field Mapping and Data Compilation: Plate 7 (Lac Retty Ouest)

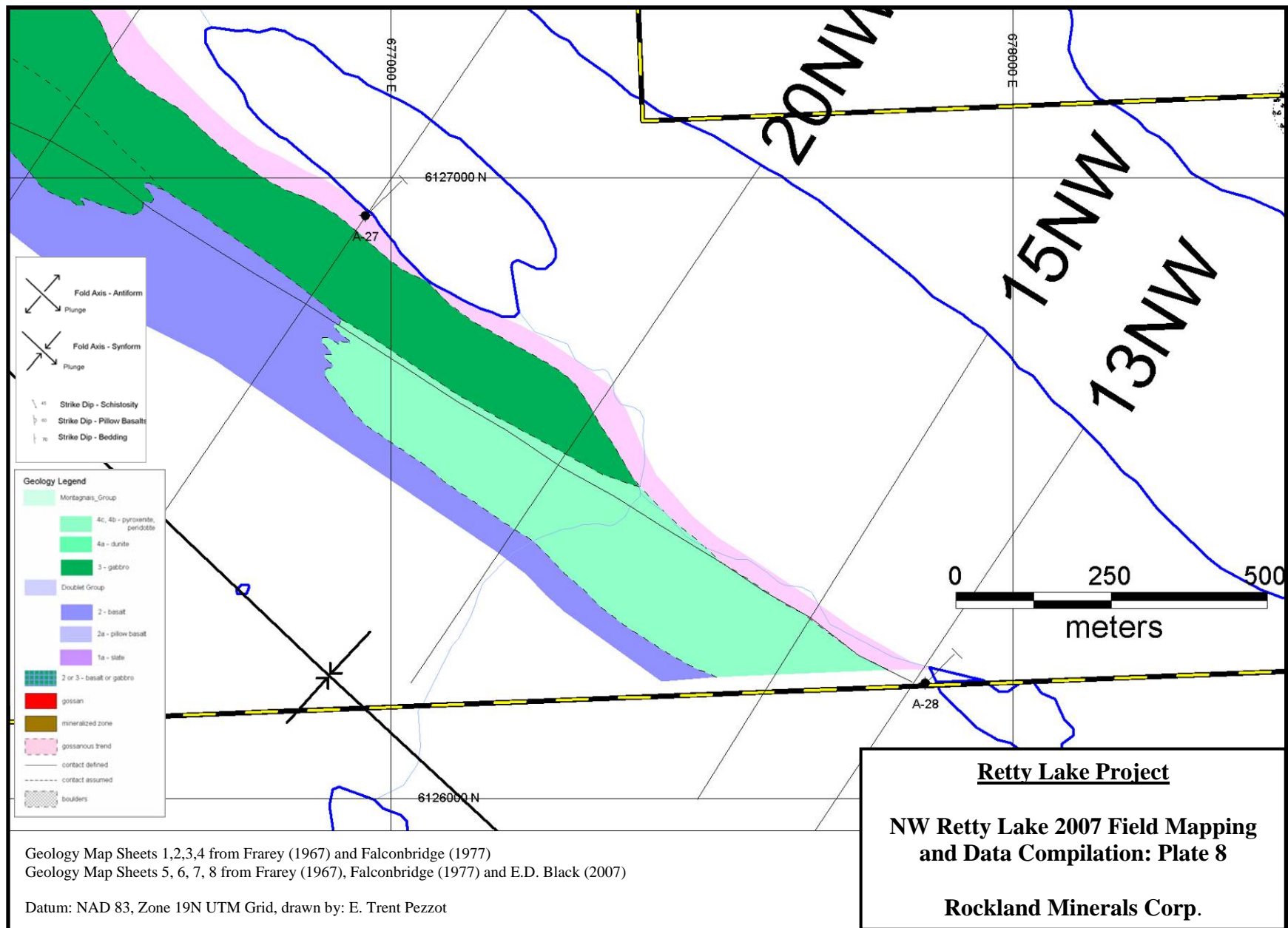


Figure 24-- NW Retty Lake 2007 Field Mapping and Data Compilation: Plate 8 (Lac Retty Ouest)

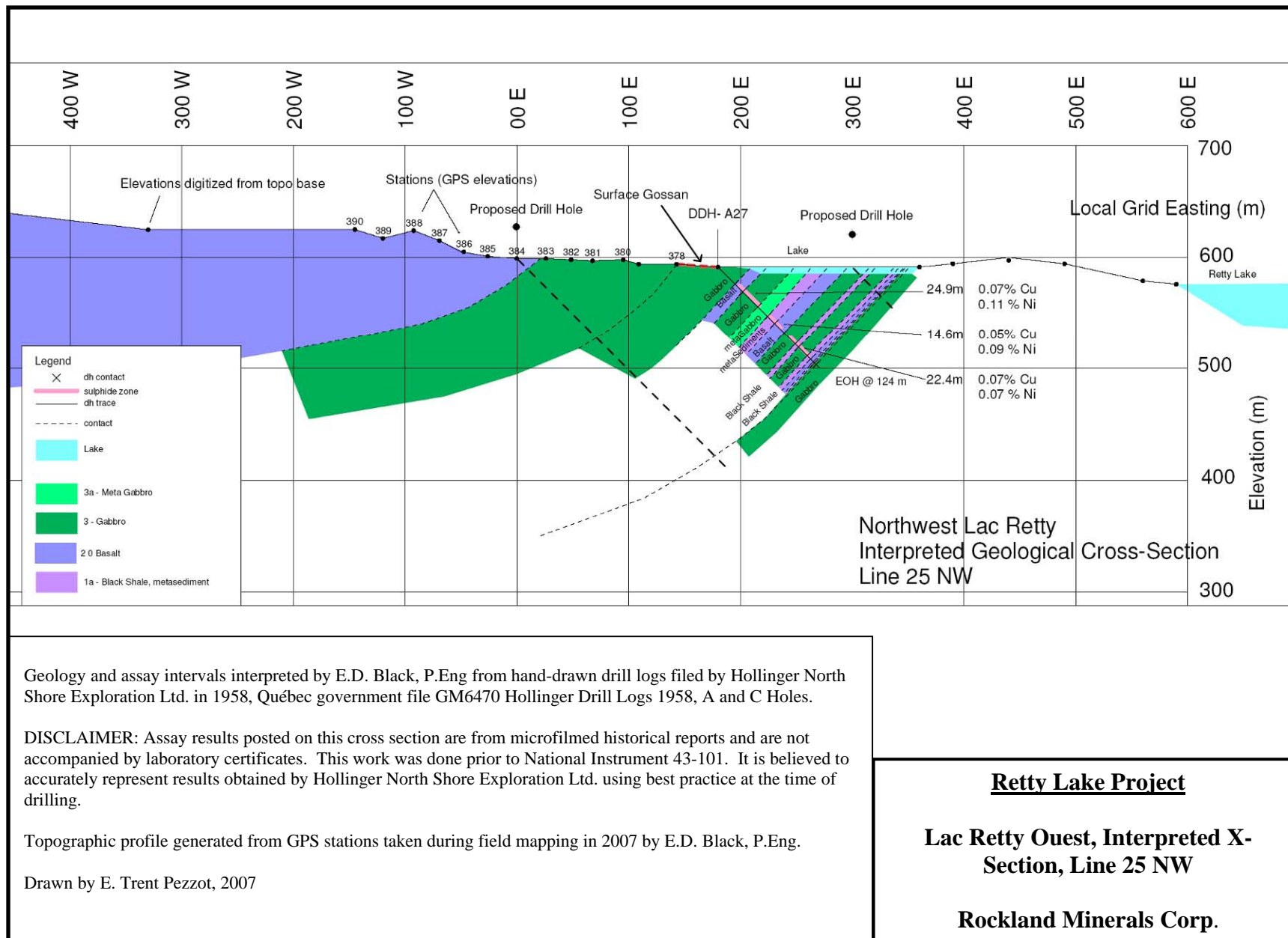
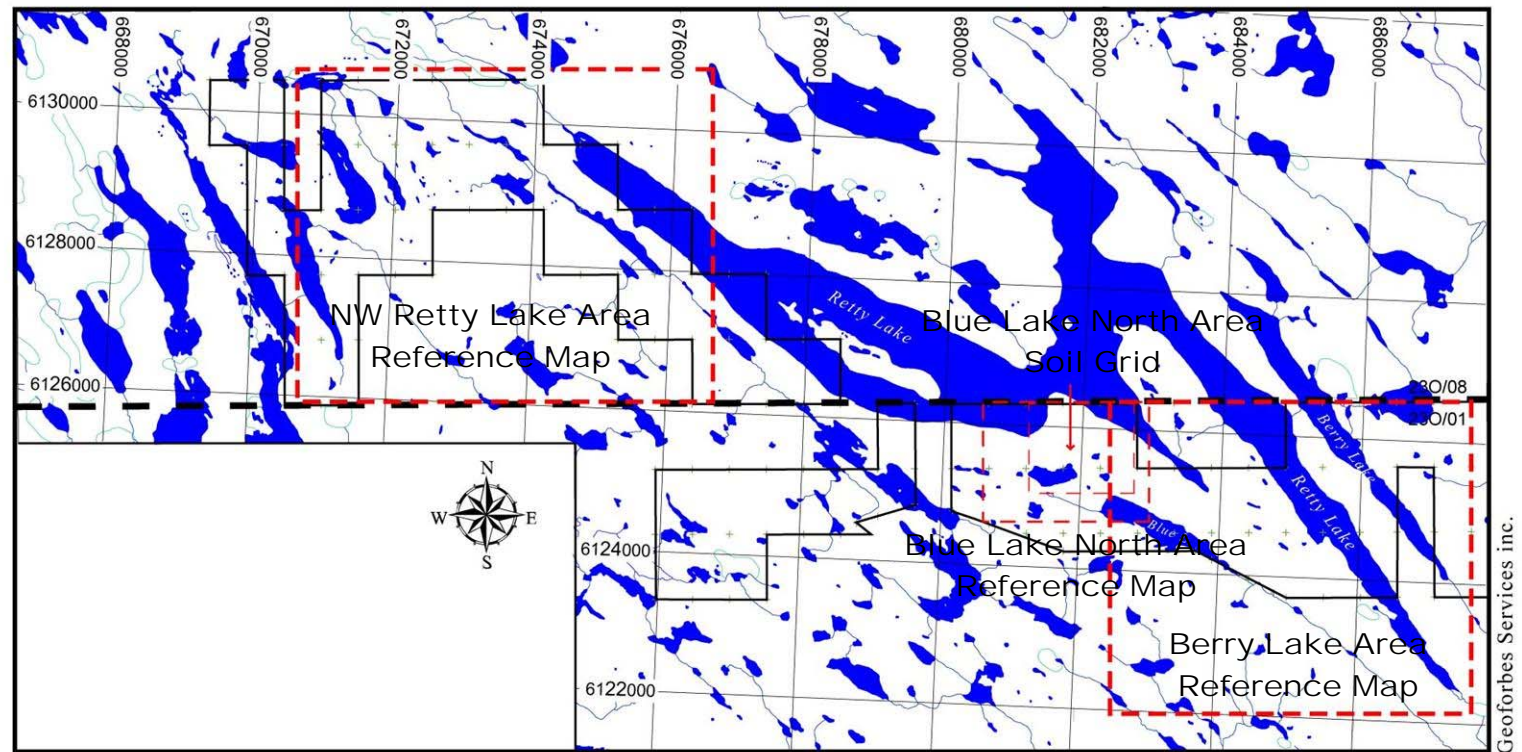


Figure 25-- Lac Retty Ouest, Interpreted X-Section, Line 25 NW



NTS Sheet 23O/01-23O/08
UTM NAD83, zone 19

Km

0 2 4 6

 : Rockland Minerals claims boundary

Retty Lake Project
Retty Lake Area
Reference Map, August 2008
Rockland Minerals Corp.

Figure 26-- Retty Lake Project, Reference Map, September 2008

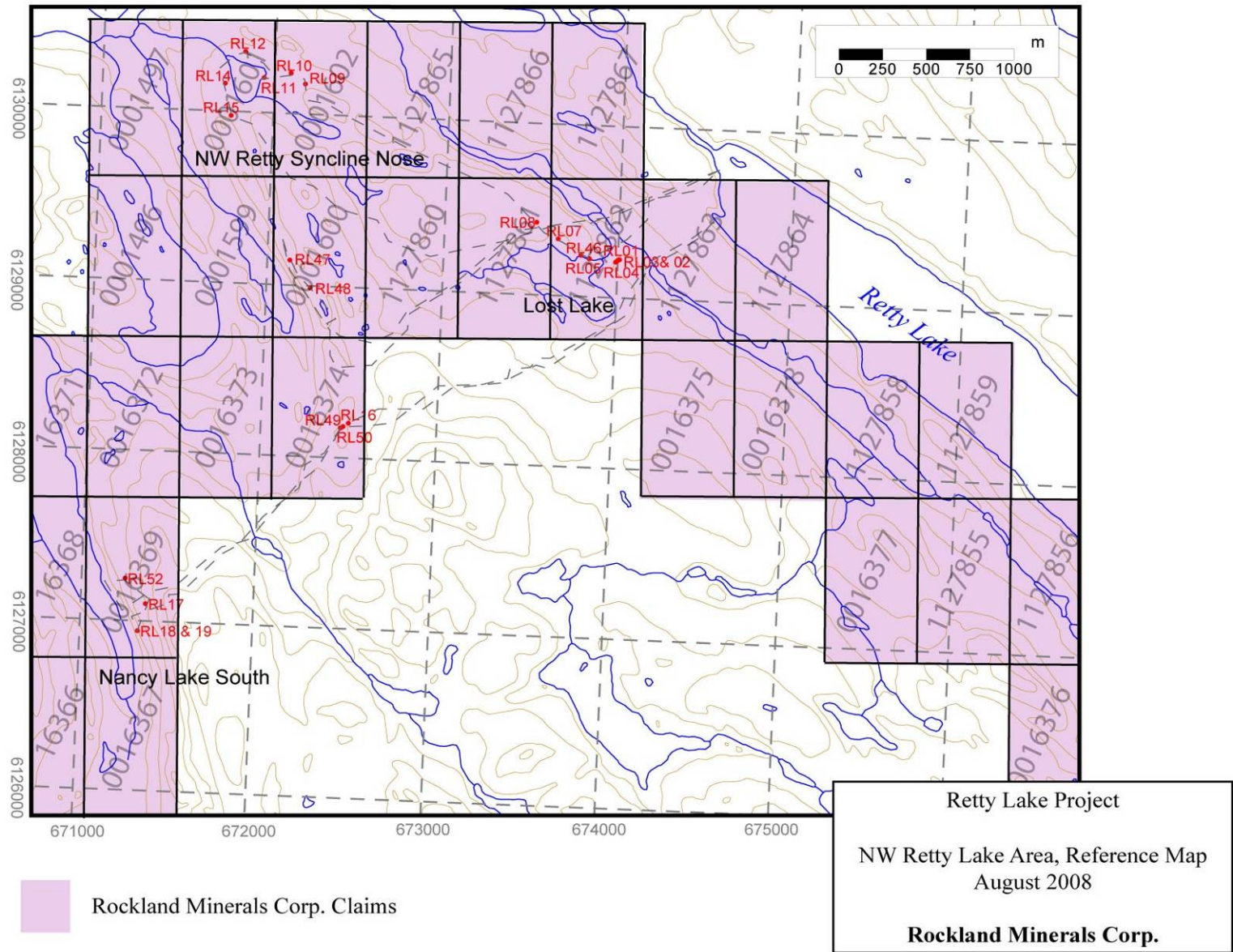
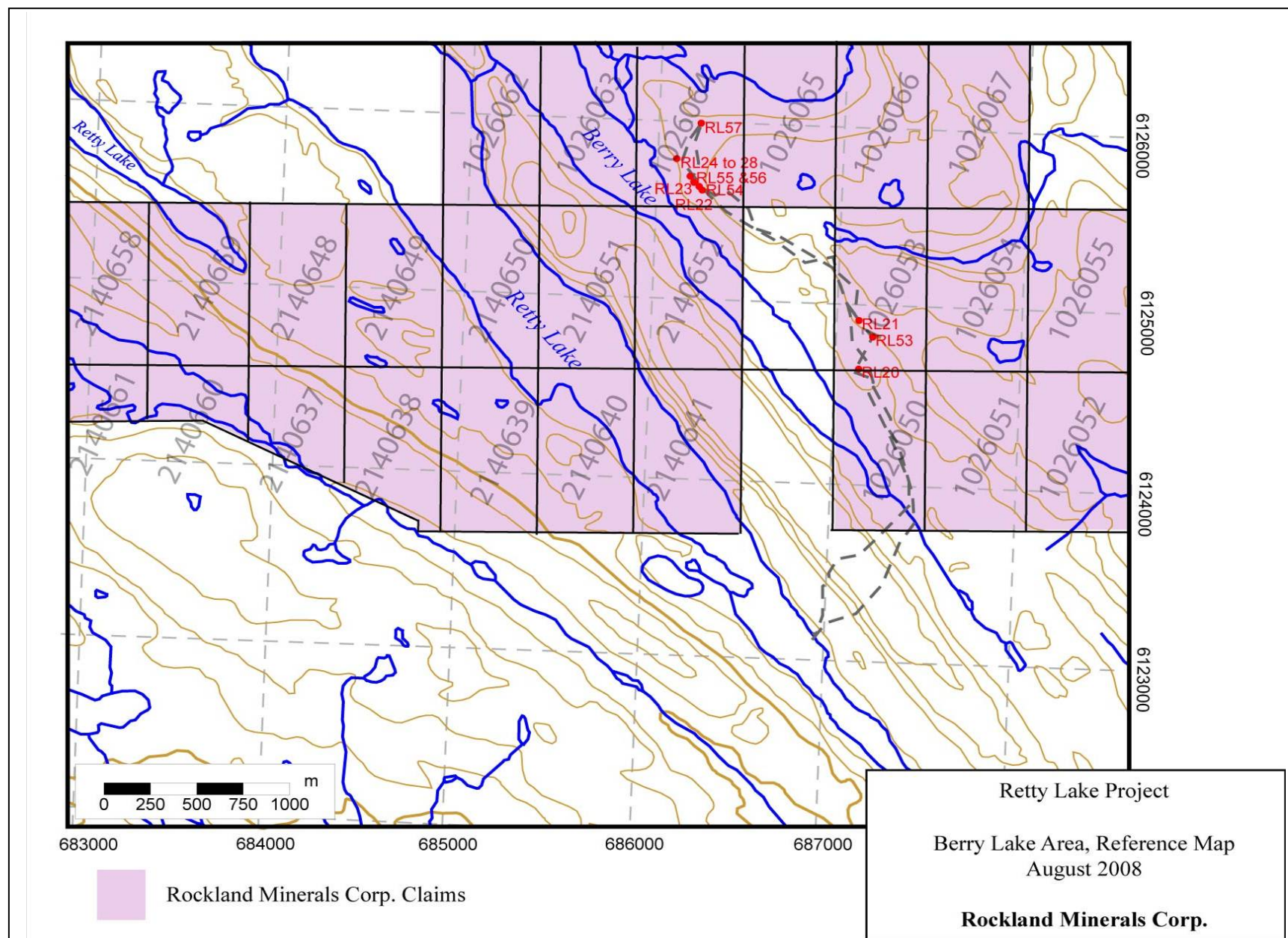


Figure 27-- NW Retty Lake Area, Reference Map, August 2008



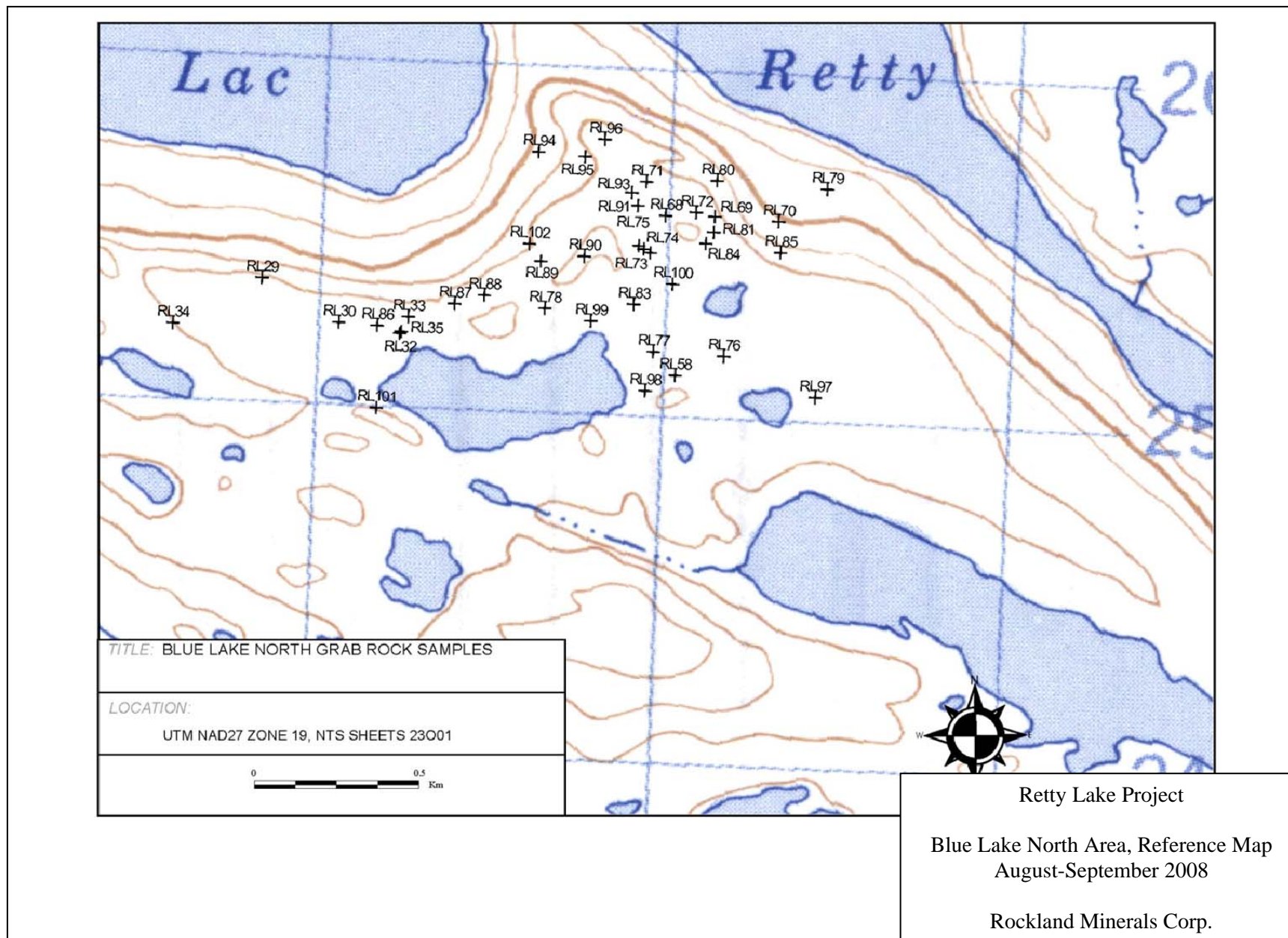


Figure 30-- Blue Lake North Area, Reference Map, August-September 2008

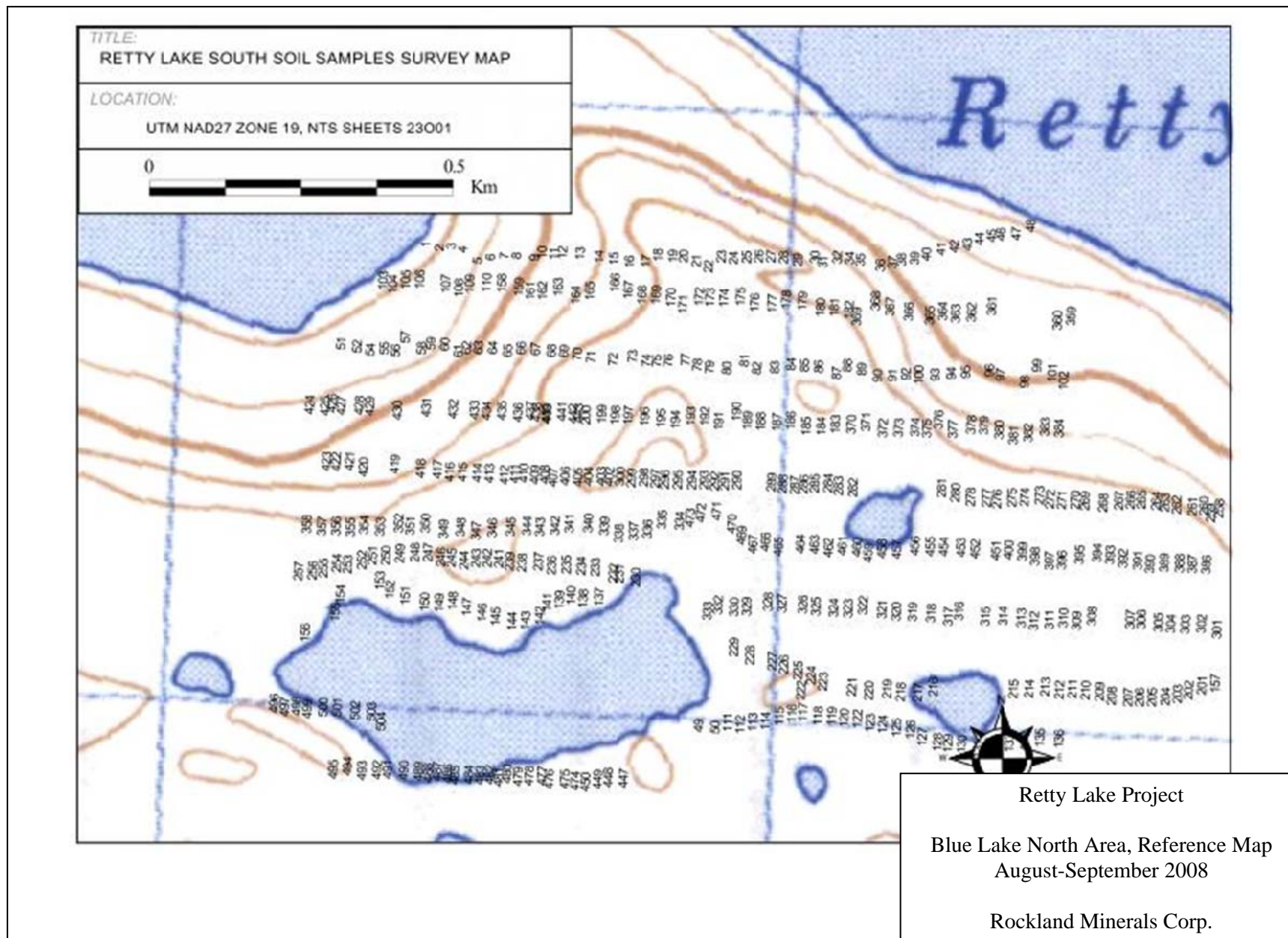


Figure 31 -- Blue Lake North Area Soil Grid, Reference Map, September 2008

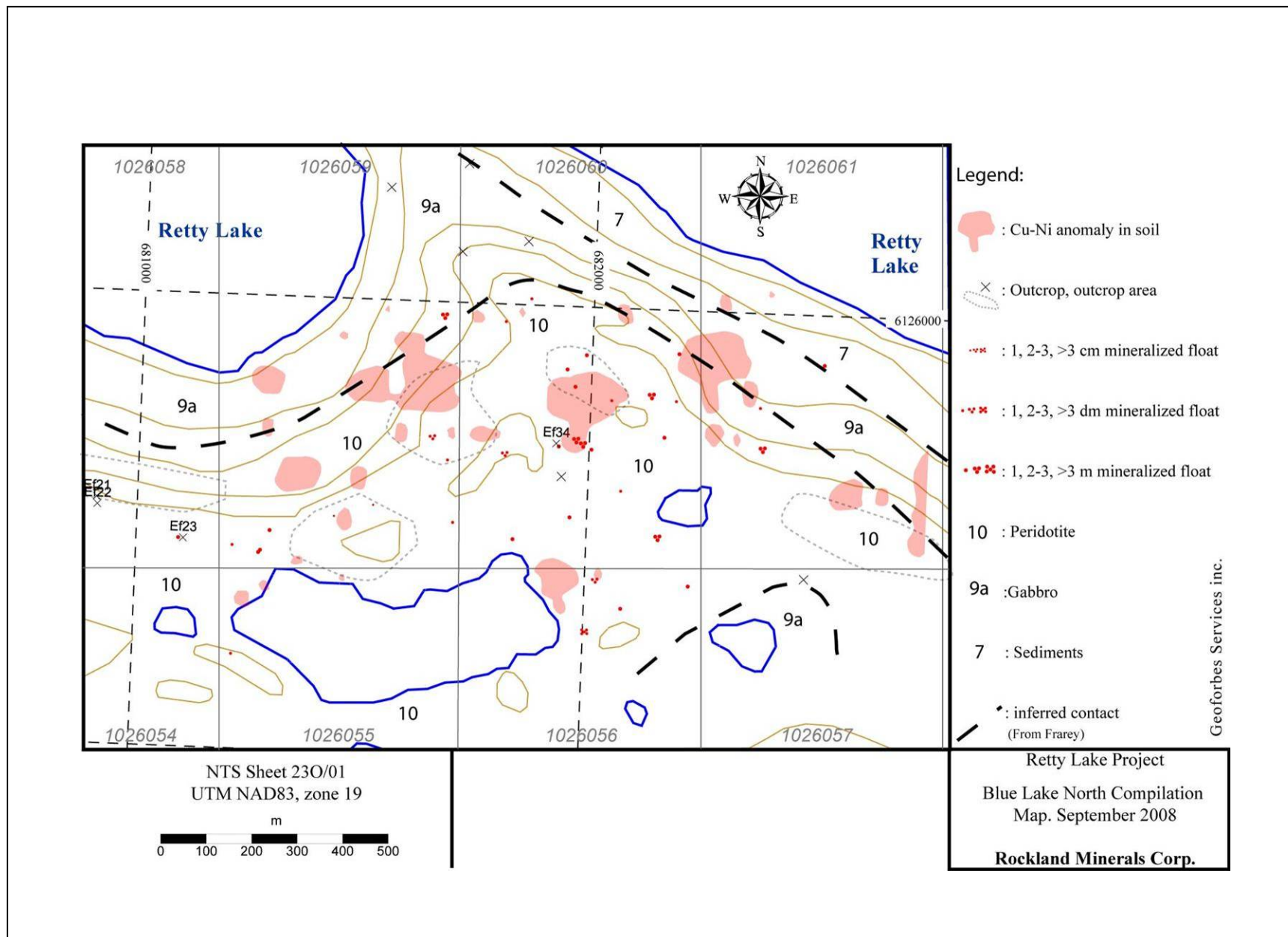


Figure 32 -- Blue Lake North Area Soil Grid, Geology, September 2008

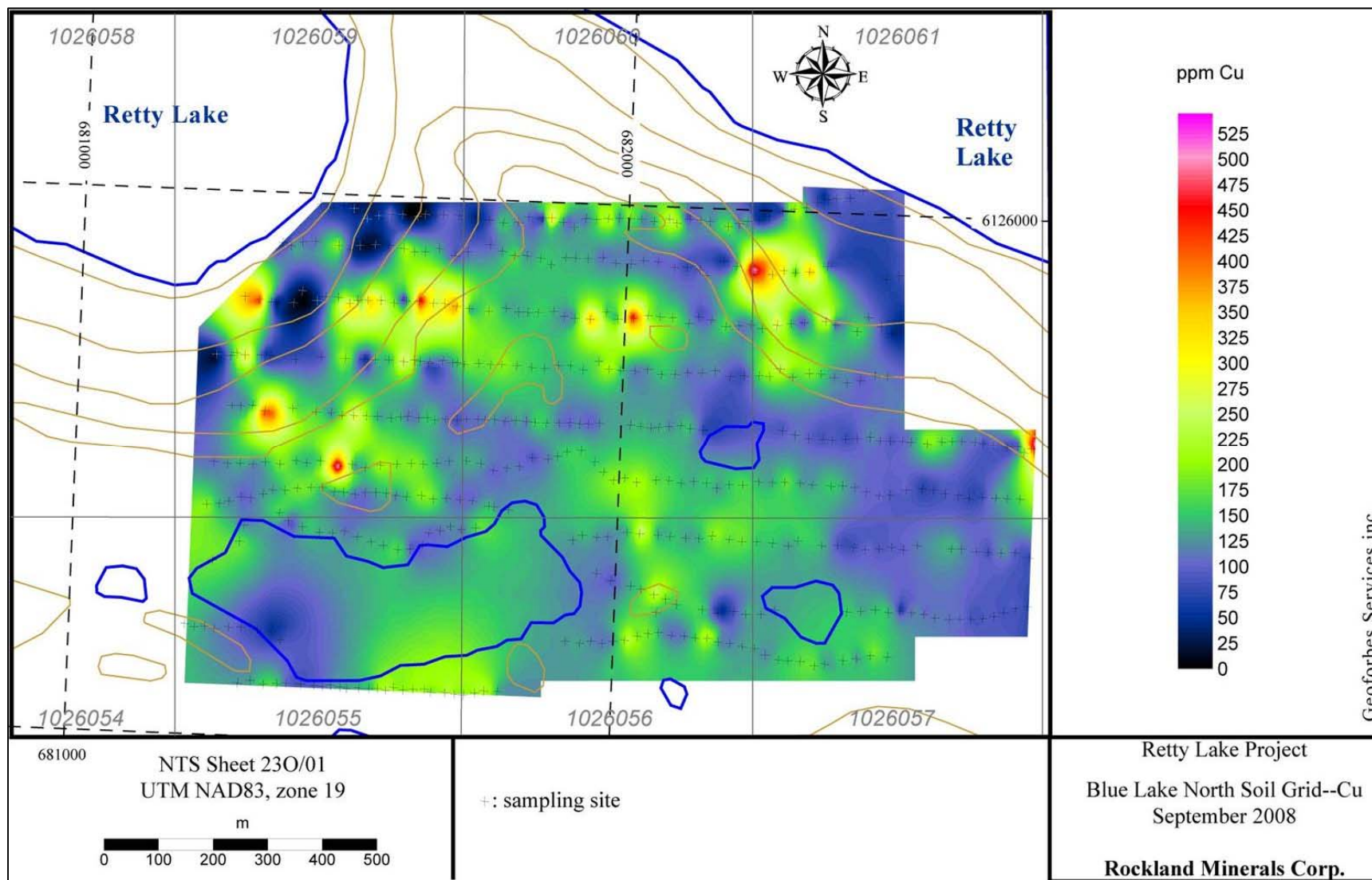


Figure 33 -- Blue Lake North Soil Grid, September 2008 -- Cu in Soils

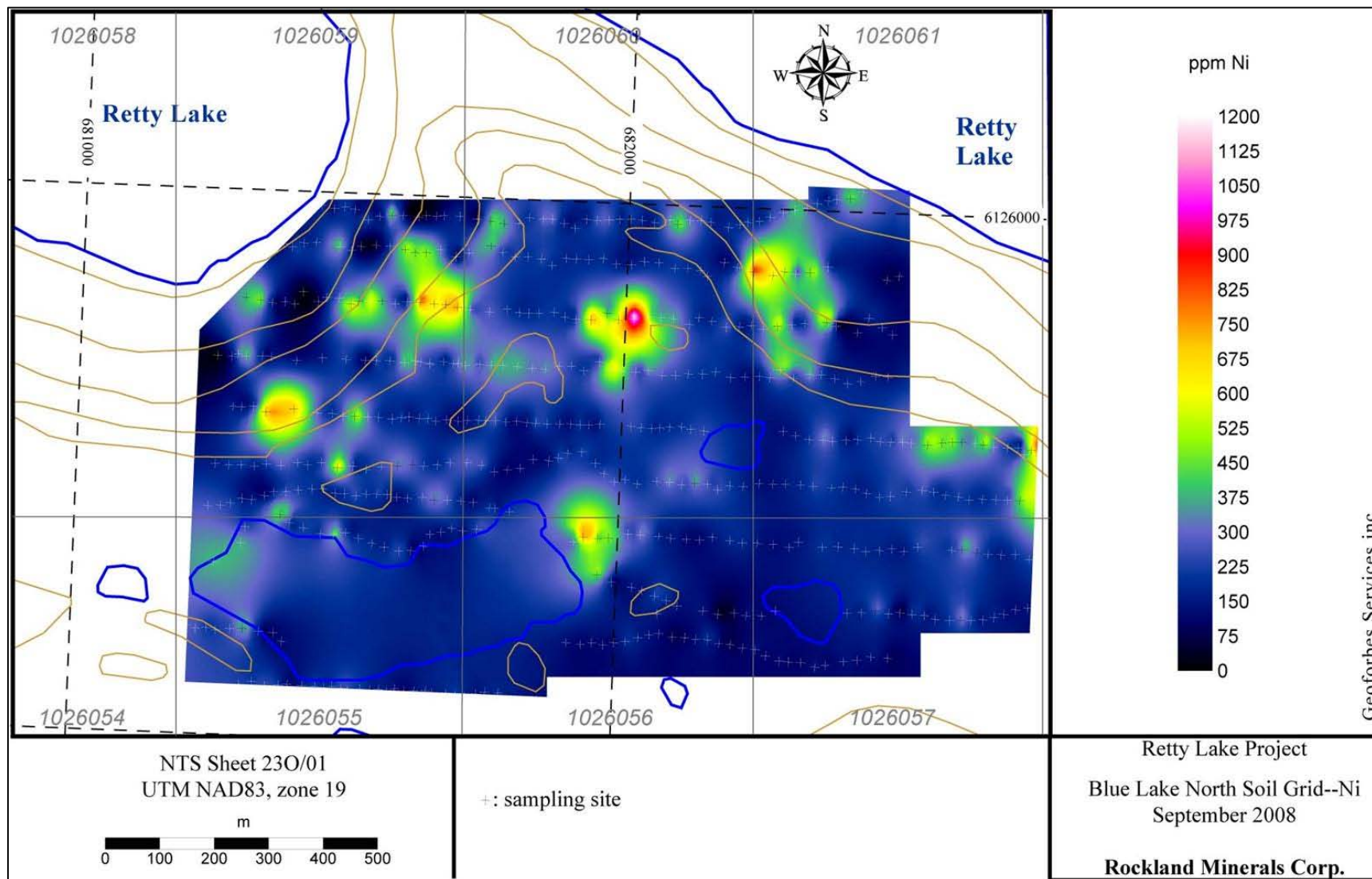


Figure 34 -- Blue Lake North Soil Grid, September 2008 -- Ni in Soils

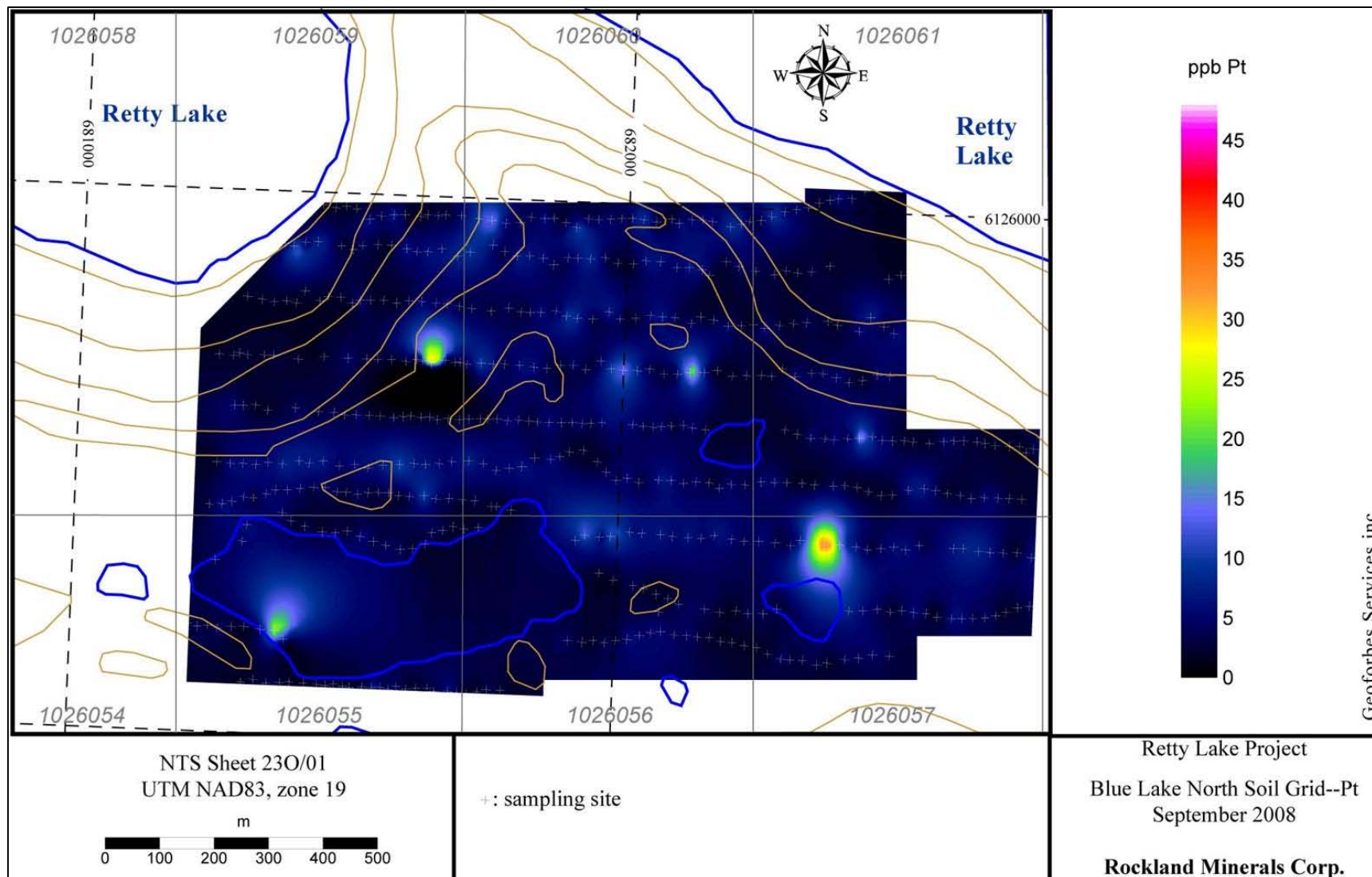


Figure 35 -- Blue Lake North Soil Grid, September 2008 -- Pt in Soils

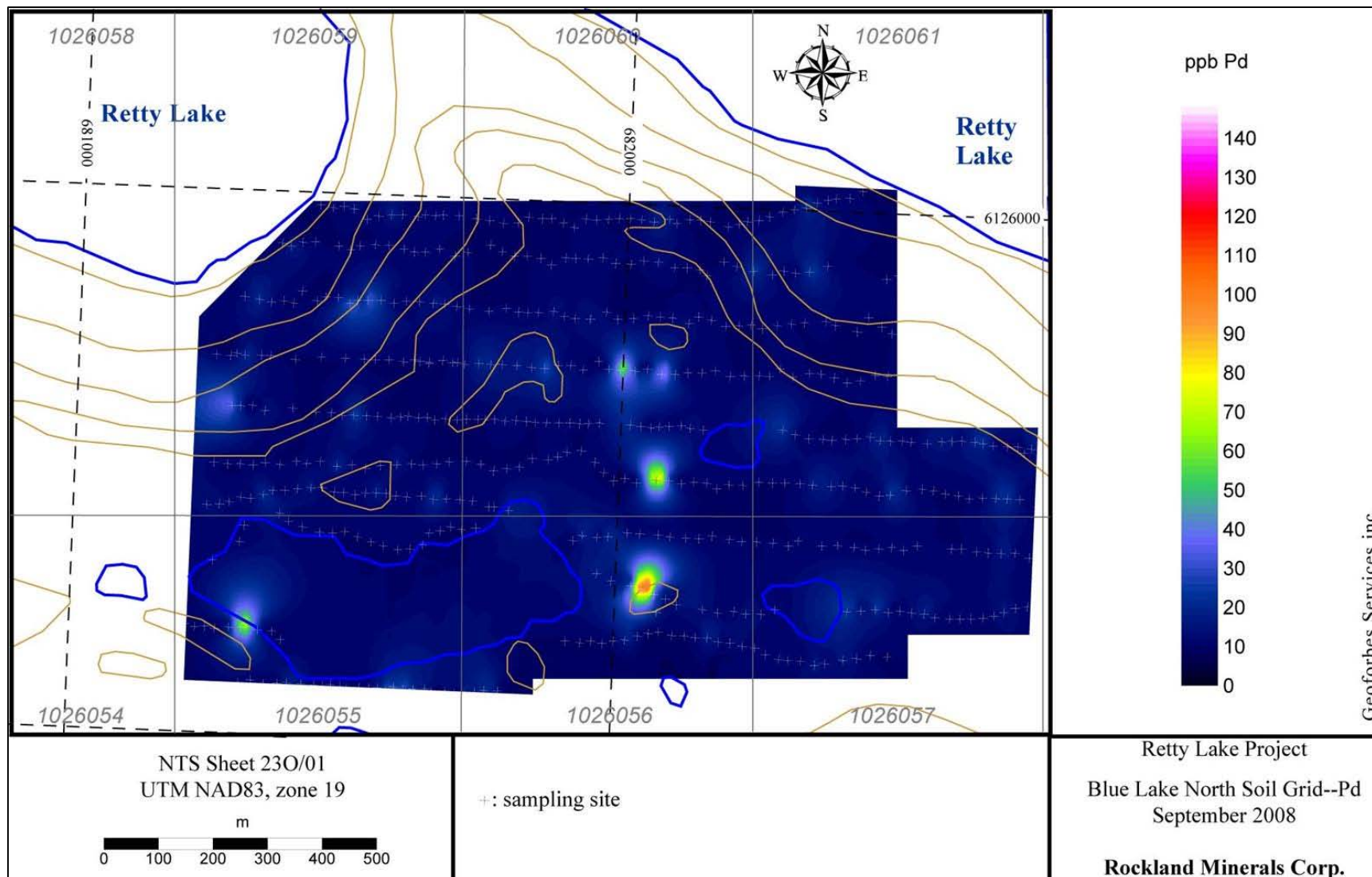


Figure 36 -- Blue Lake North Soil Grid, September 2008 -- Pd in Soils

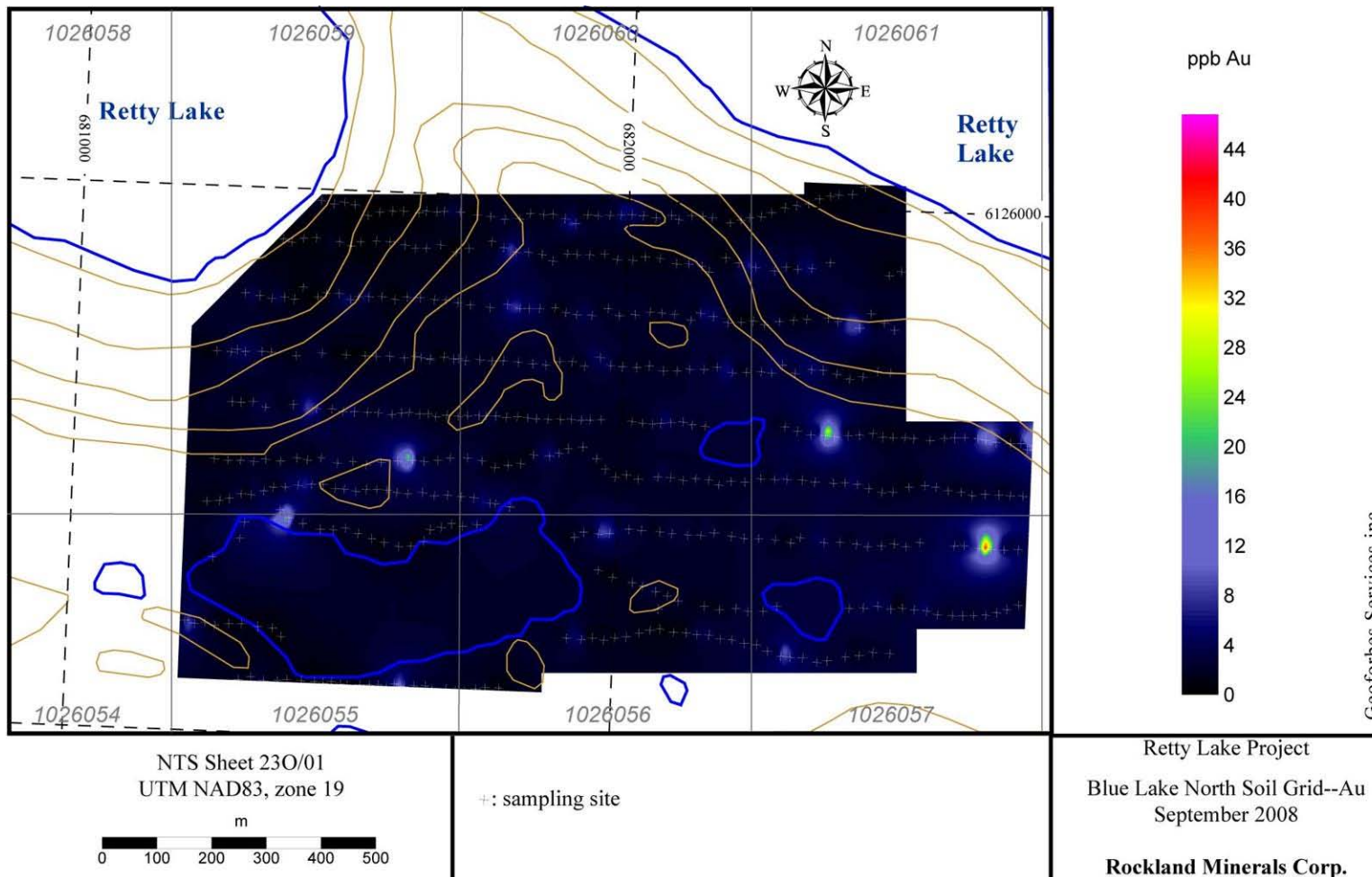


Figure 37 -- Blue Lake North Soil Grid, September 2008 -- Au in Soils

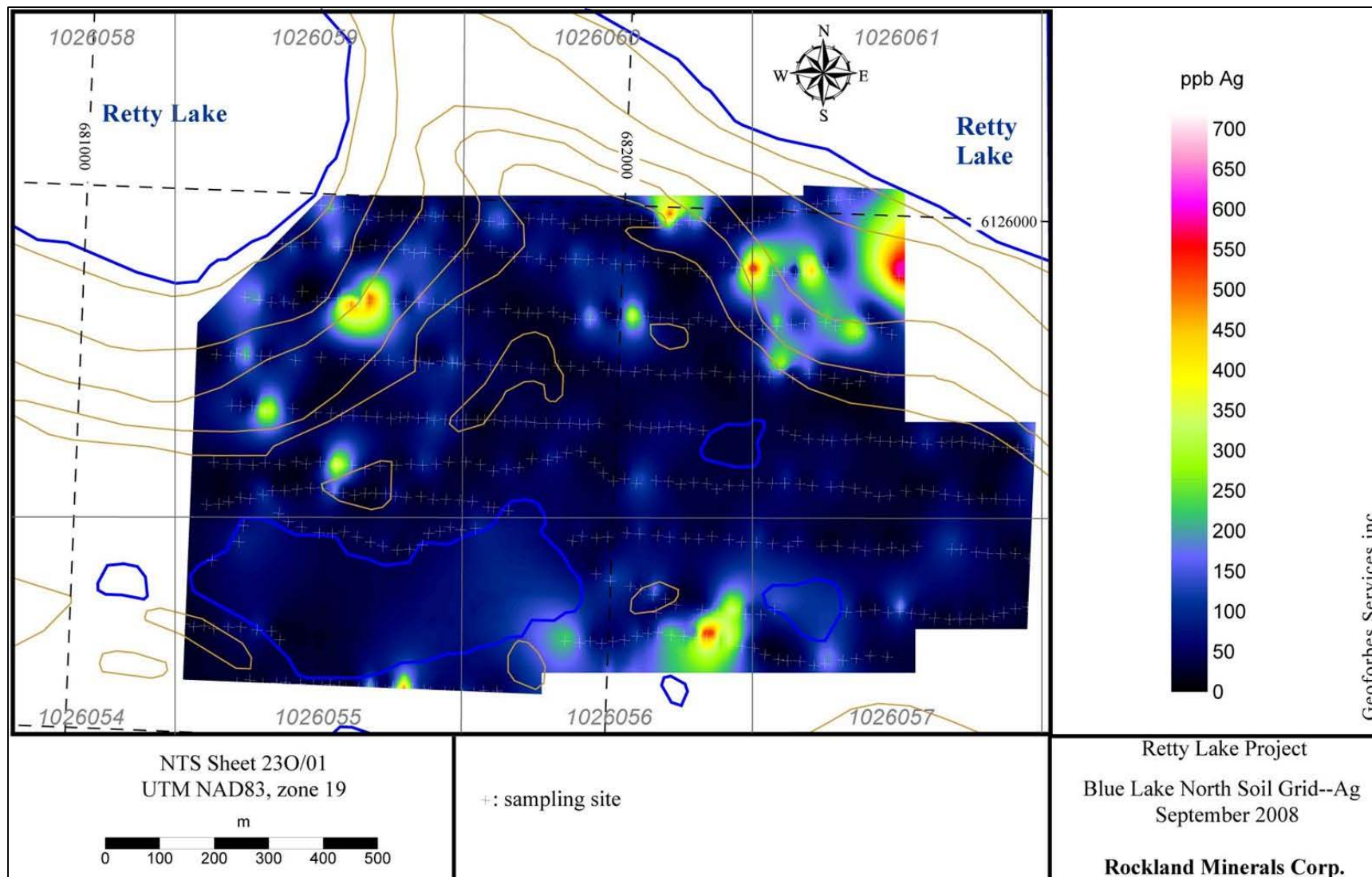


Figure 38 -- Blue Lake North Soil Grid, September 2008 -- Ag in Soils

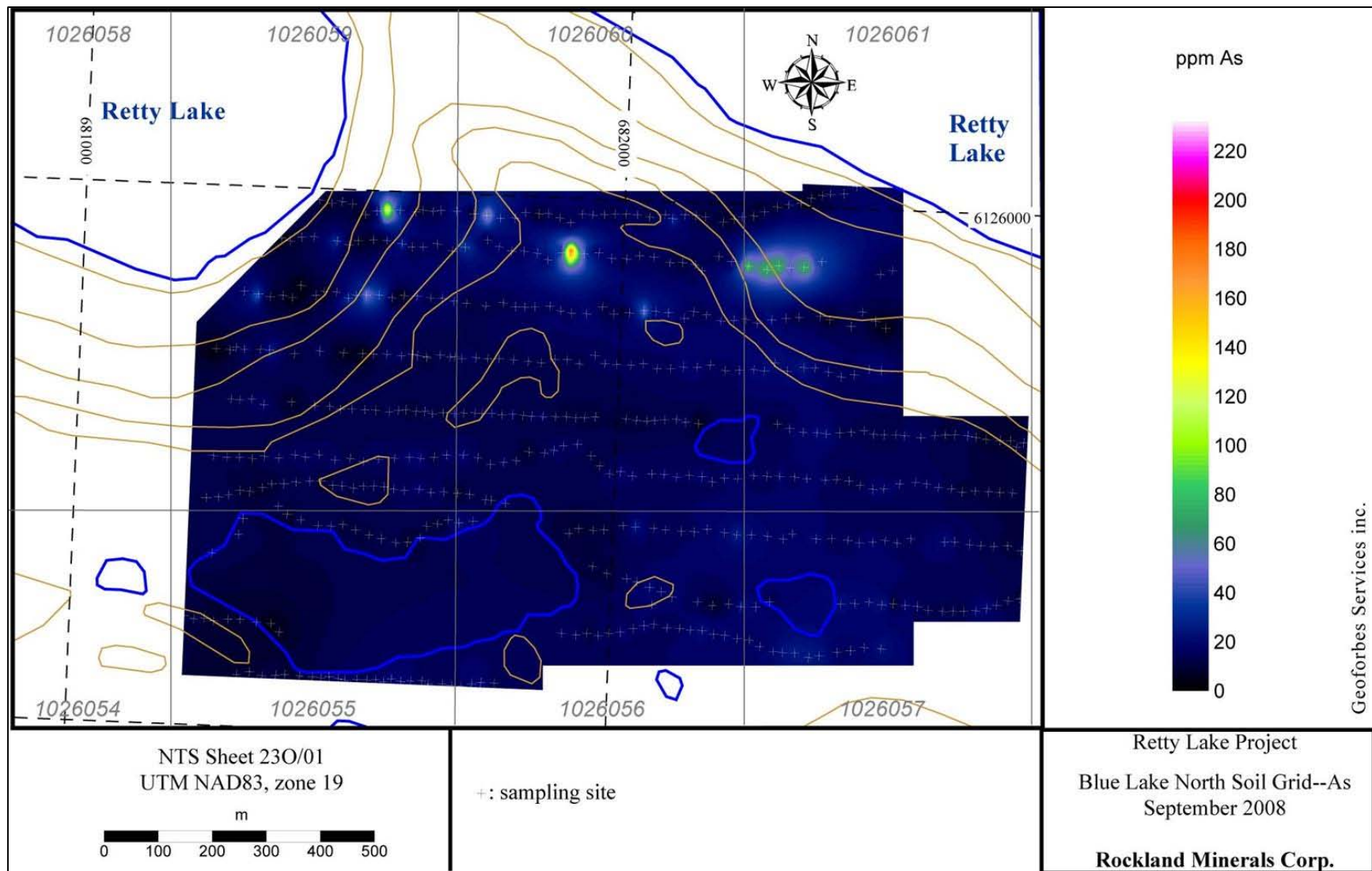


Figure 39 -- Blue Lake North Soil Grid, September 2008 -- As in Soils

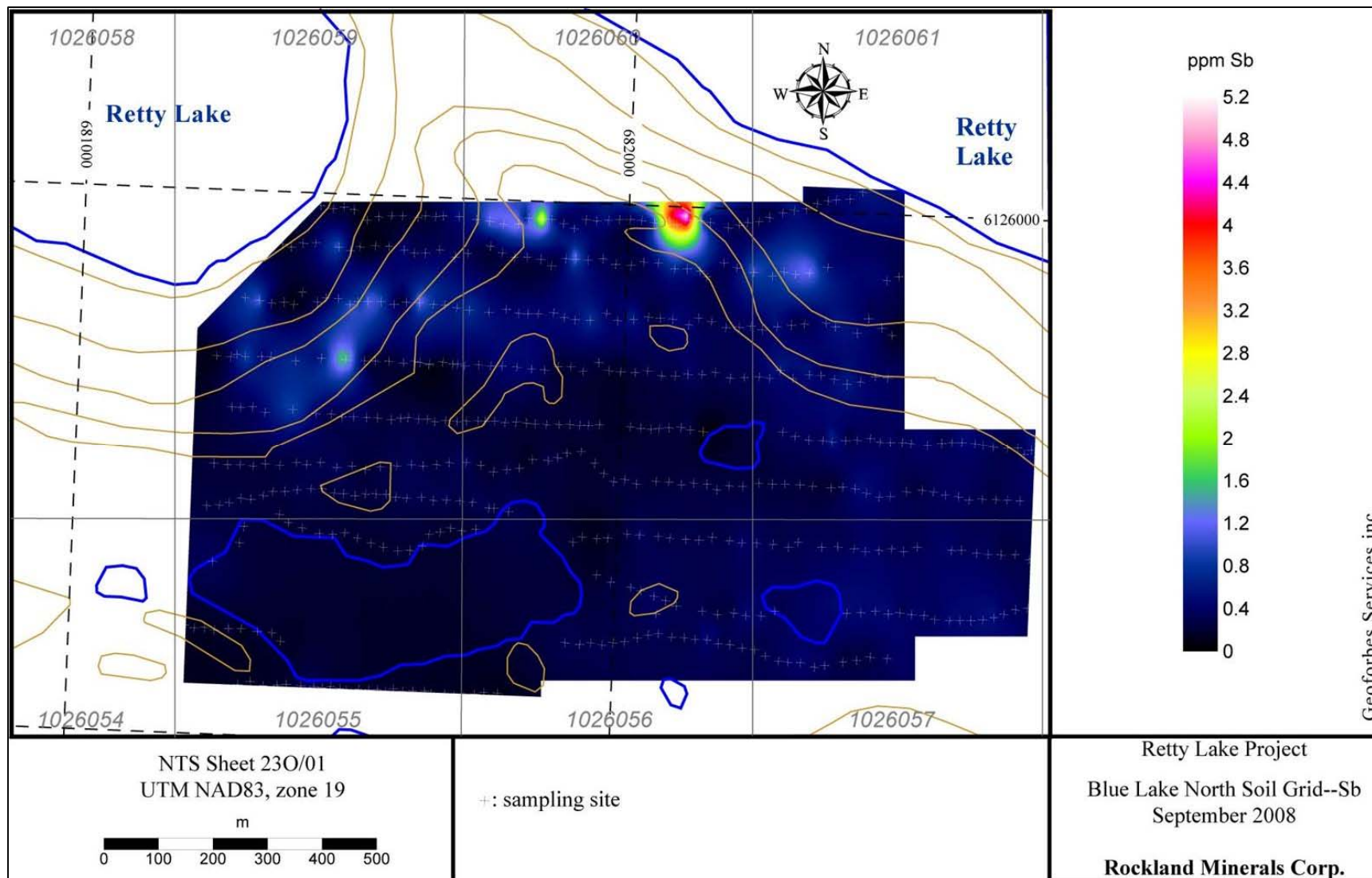


Figure 40 -- Blue Lake North Soil Grid, September 2008 -- Sb in Soils

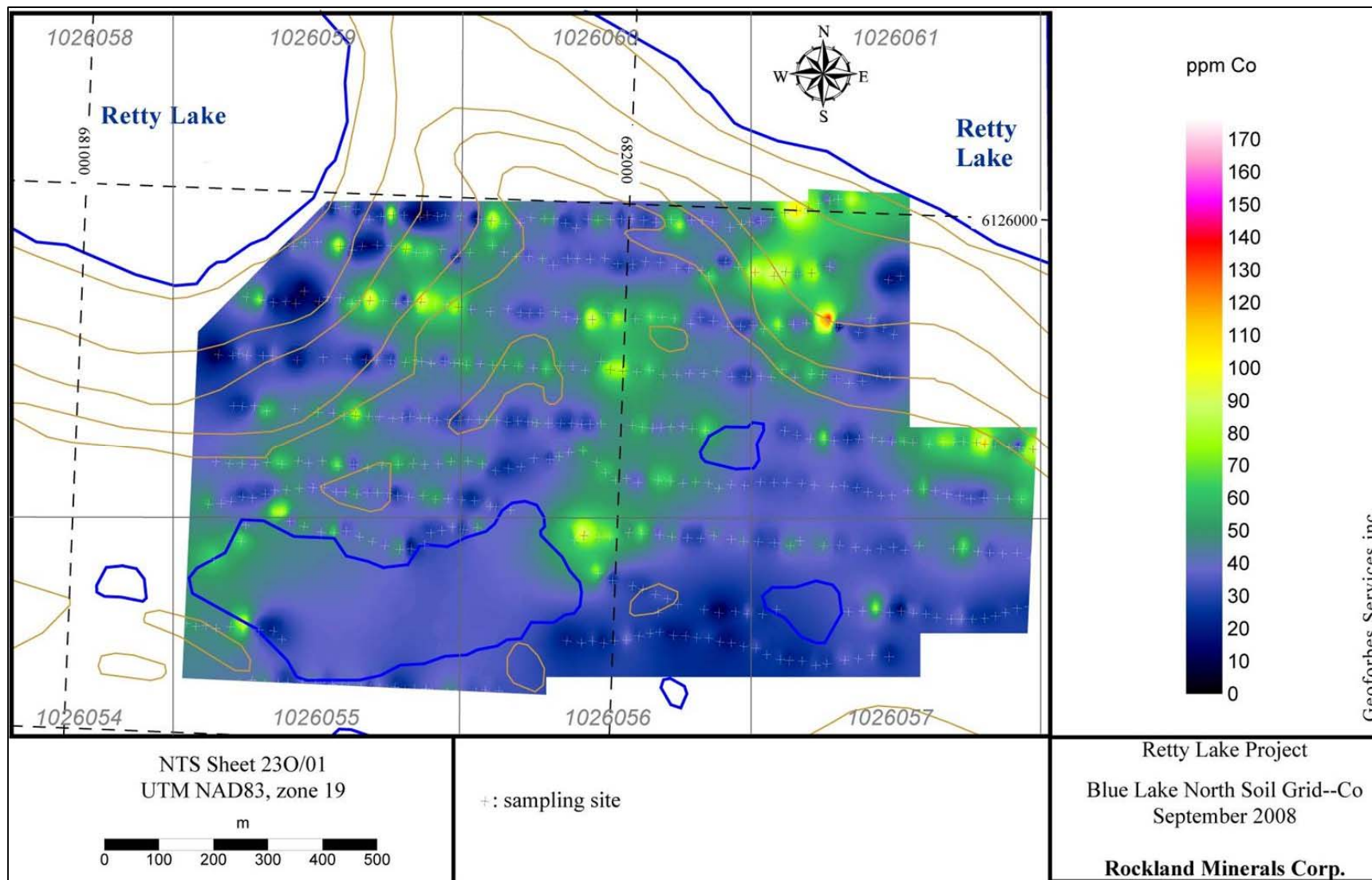


Figure 41 -- Blue Lake North Soil Grid, September 2008 -- Co in Soils

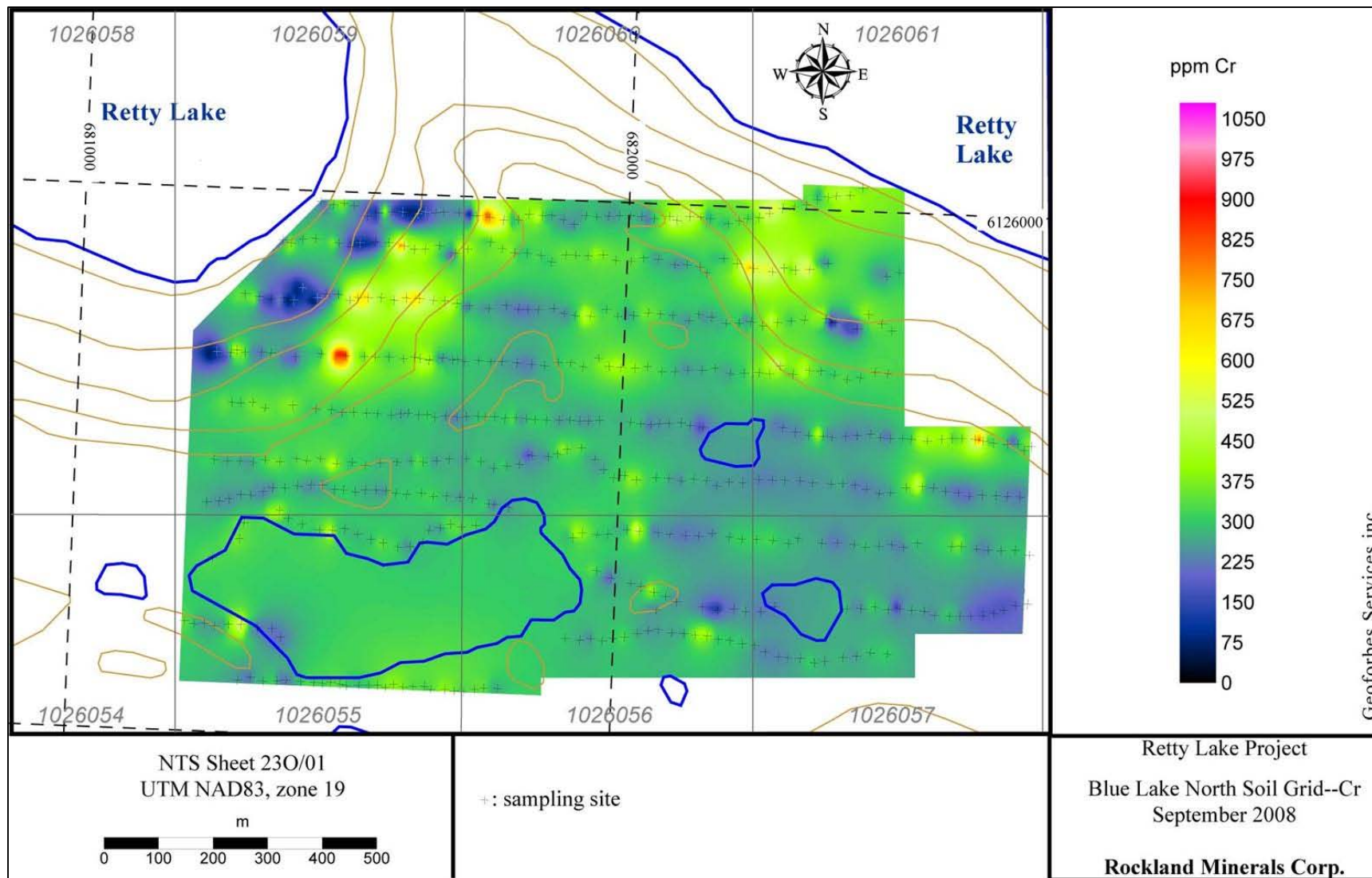


Figure 42 -- Blue Lake North Soil Grid, September 2008 -- Cr in Soils

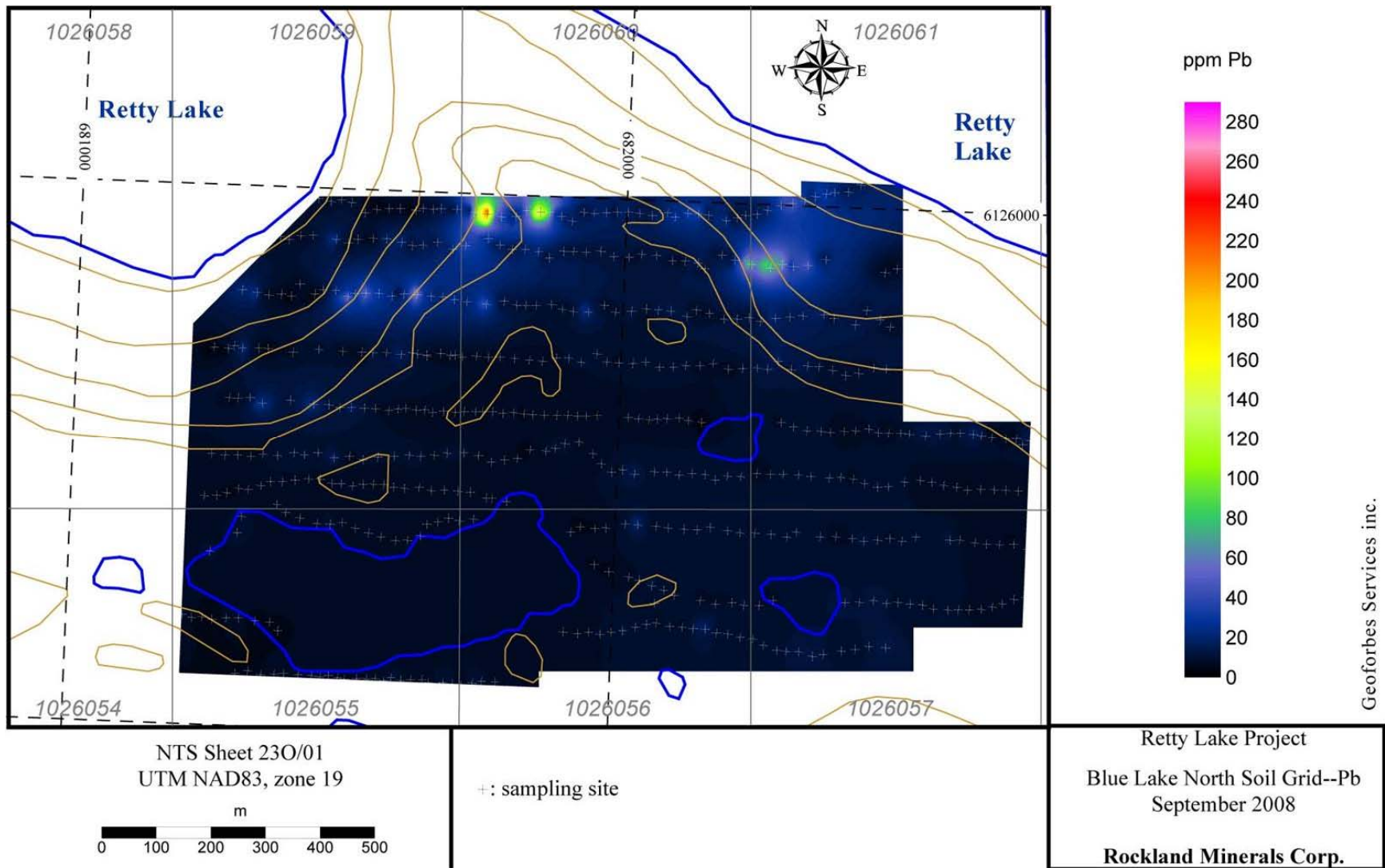


Figure 43 -- Blue Lake North Soil Grid, September 2008 -- Pb in Soils

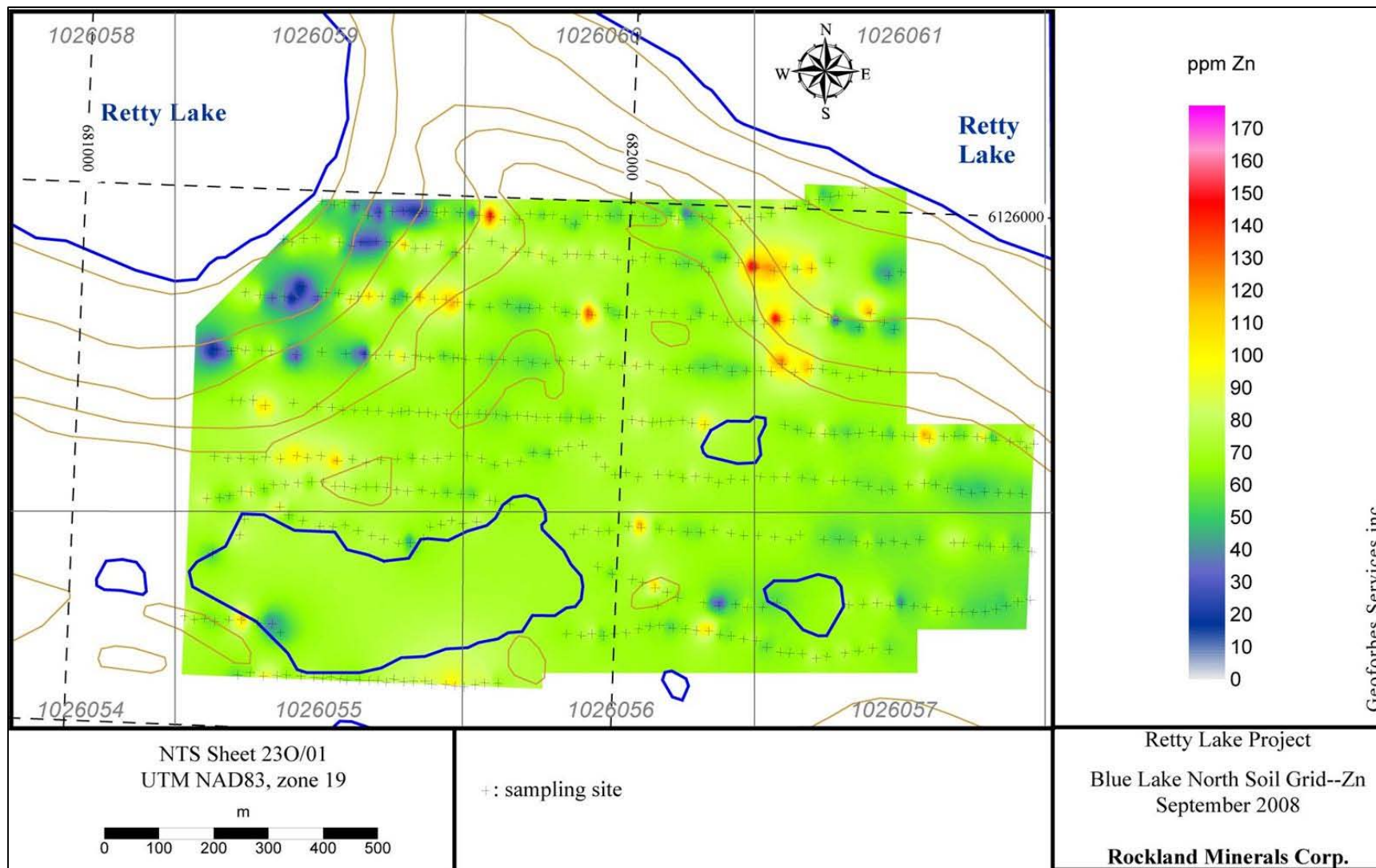


Figure 44 -- Blue Lake North Soil Grid, September 2008 -- Zn in Soils

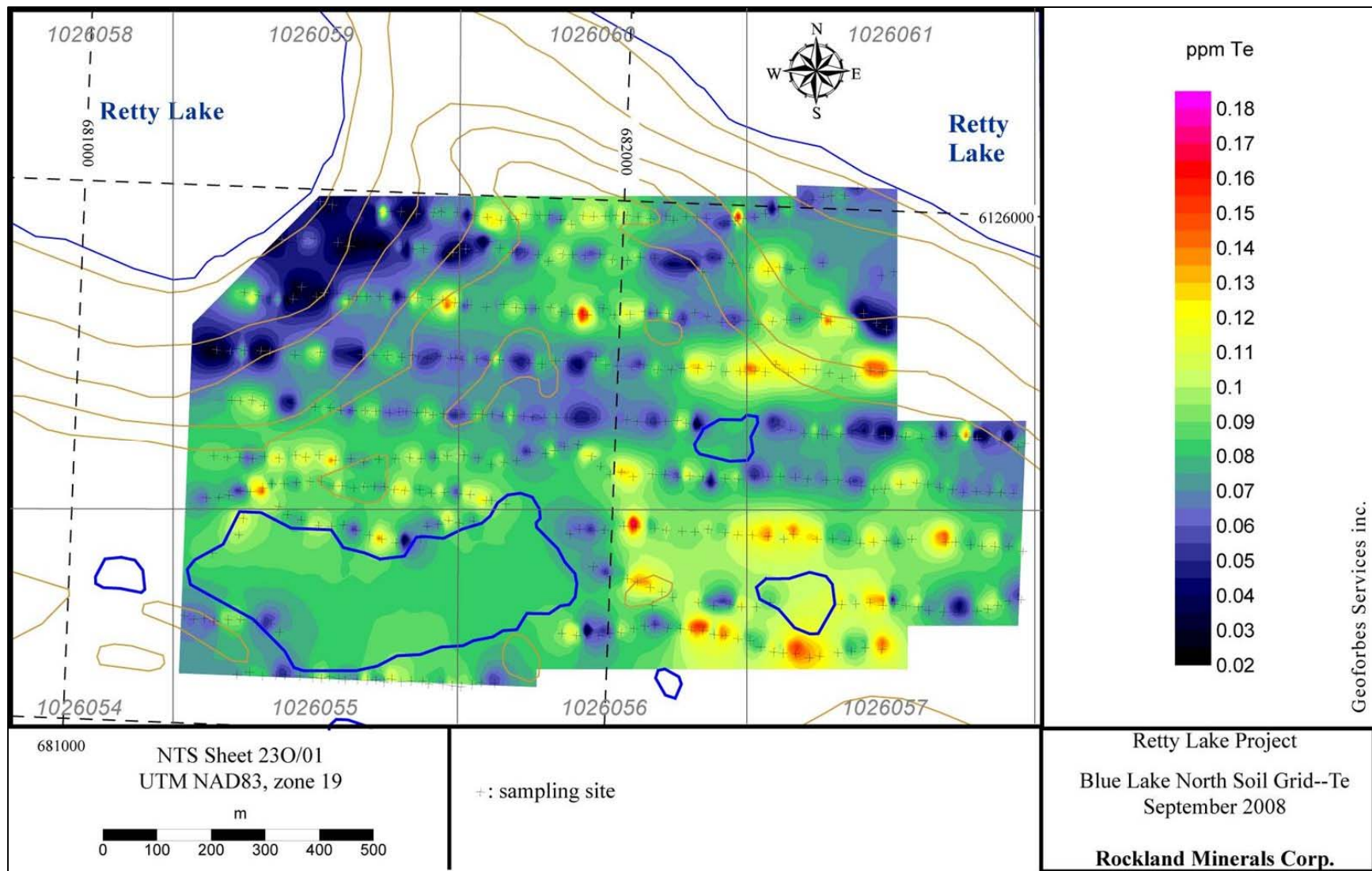


Figure 45 -- Blue Lake North Soil Grid, September 2008 -- Te in Soils

27.1 **Photographs**



Figure 46-- Photo of abandoned drill core.
Old drill camp at edge of claims optioned by Rockland on the shore of Retty Lake.
E.D. Black, P.Eng, August 2007. See Fig. 10 for location.



Figure 47-- Photo of abandoned drill core.
Old drill camp at edge of claims optioned by Rockland on the shore of Retty Lake. A cache of approximately 192 abandoned aluminium drill core trays dating from 1968 and approximately 25 plastic drill core boxes dating from 1975 was discovered at this location. Photo taken in 2007. See Fig. 10 for location.



Figure 48-- Photo of 1968 drill site in the NW Retty Lake Syncline Nose area. No location information or drill logs from this 1968 drilling were ever filed with the Québec government. Photo taken in 2008. See Fig. 10 for location of the NW Retty Lake Syncline Nose area.



Figure 49-- Photo of folded peridotite units in the NW Retty Syncline Nose area, 2008. Looking southeast, Drumstick Lake is in left foreground and the big island in Retty Lake is visible in the background. Photo taken in 2008.



Figure 50 -- Photo of line cut in 2007 in vicinity of Lost Lake, NW Retty zone.

Photo taken August 2008.



Figure 51 -- Photo of angular peridotite boulder, Blue Lake North area, August 2008.



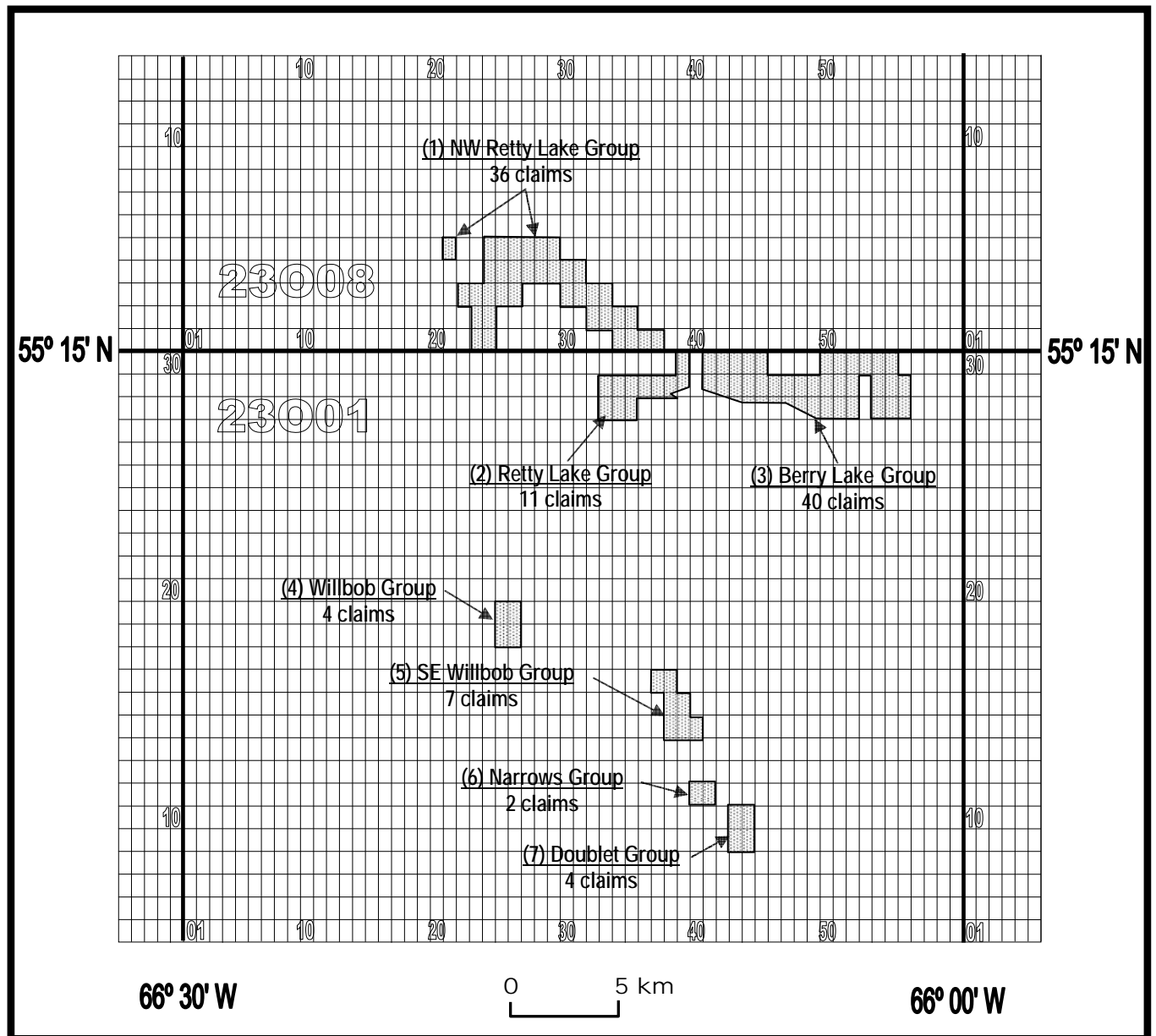
Figure 52 -- Photo of angular peridotite boulder, Blue Lake North area, September 2008.

Blue Lake North soil/rock grid, September 2008.

28 APPENDIX 1 -- RETTY LAKE CLAIM MAPS AND CLAIM LISTS

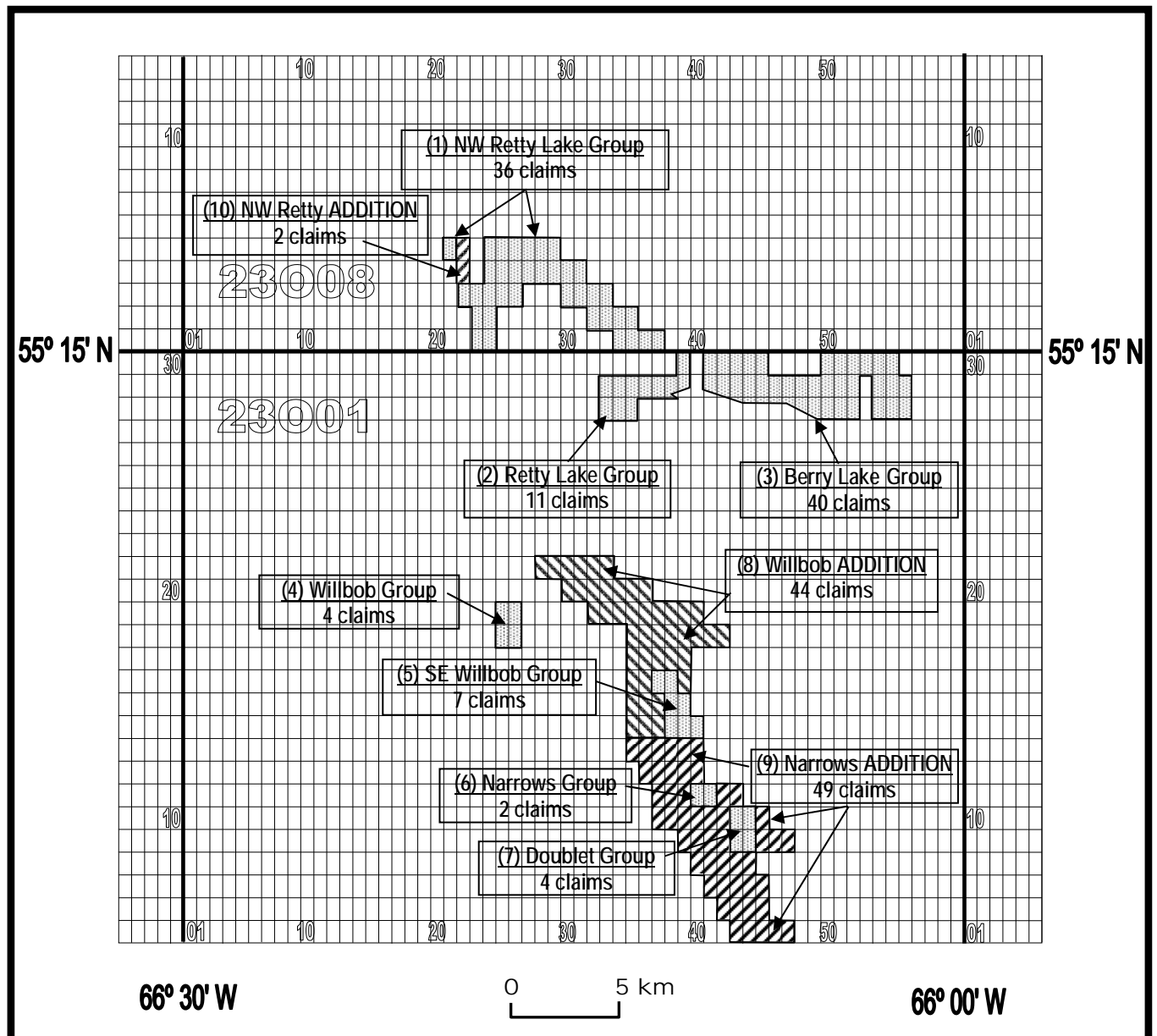
28.1 Appendix 1 -- Map of E.D. Black Option Original Claims

Retty Lake PGE Project - Southern Labrador Trough E.D. Black Option Original Claims



28.2 Appendix 1 -- Map of Rockland-E.D. Black Additional Staking, 2008

Retty Lake PGE Project - Southern Labrador Trough Map of Rockland-E.D. Black Additional Staking, June 20, 2008



28.3 **Appendix 1 -- List of E.D. Black Original Claims**

Retty Lake PGE Project - Southern Labrador Trough E.D. Black Original Claims

	Claim	NTS	Row	Col.	Title	Title	area	Registration	Expiry	Titleholder
	Block	Sheet			Type	N°	has.	Date	Date	
1	(1) NW Retty Lk Group	23O08	4	24	CDC	1496	49.13	1-Aug-2003	31-Jul-2011	Ernest Black (18742)
2	(1) NW Retty Lk Group	23O08	5	24	CDC	1497	49.12	1-Aug-2003	31-Jul-2011	Ernest Black (18742)
3	(1) NW Retty Lk Group	23O08	1	36	CDC	1498	49.16	1-Aug-2003	31-Jul-2011	Ernest Black (18742)
4	(1) NW Retty Lk Group	23O08	1	37	CDC	1499	49.16	1-Aug-2003	31-Jul-2011	Ernest Black (18742)
5	(1) NW Retty Lk Group	23O08	4	25	CDC	1599	49.13	18-Aug-2003	17-Aug-2011	Ernest Black (18742)
6	(1) NW Retty Lk Group	23O08	4	26	CDC	1600	49.13	18-Aug-2003	17-Aug-2011	Ernest Black (18742)
7	(1) NW Retty Lk Group	23O08	5	25	CDC	1601	49.12	18-Aug-2003	17-Aug-2011	Ernest Black (18742)
8	(1) NW Retty Lk Group	23O08	5	26	CDC	1602	49.12	18-Aug-2003	17-Aug-2011	Ernest Black (18742)
9	(1) NW Retty Lk Group	23O08	1	23	CDC	16366	49.16	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
10	(1) NW Retty Lk Group	23O08	1	24	CDC	16367	49.16	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
11	(1) NW Retty Lk Group	23O08	2	23	CDC	16368	49.15	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
12	(1) NW Retty Lk Group	23O08	2	24	CDC	16369	49.15	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
13	(1) NW Retty Lk Group	23O08	3	22	CDC	16370	49.14	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
14	(1) NW Retty Lk Group	23O08	3	23	CDC	16371	49.14	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
15	(1) NW Retty Lk Group	23O08	3	24	CDC	16372	49.14	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
16	(1) NW Retty Lk Group	23O08	3	25	CDC	16373	49.14	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
17	(1) NW Retty Lk Group	23O08	3	26	CDC	16374	49.14	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
18	(1) NW Retty Lk Group	23O08	3	30	CDC	16375	49.14	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
19	(1) NW Retty Lk Group	23O08	1	34	CDC	16376	49.16	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
20	(1) NW Retty Lk Group	23O08	2	32	CDC	16377	49.15	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
21	(1) NW Retty Lk Group	23O08	3	31	CDC	16378	49.14	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
22	(1) NW Retty Lk Group	23O08	5	21	CDC	2204383	49.12	4-Feb-2010	3-Feb-2012	Ravinder Mlait (80082)
23	(1) NW Retty Lk Group	23O08	1	35	CDC	1127854	49.16	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
24	(1) NW Retty Lk Group	23O08	2	33	CDC	1127855	49.15	15-Jul-2003	14-Jul-2011	Ernest Black (18742)

	Claim	NTS	Row	Col.	Title	Title	area	Registration	Expiry	Titleholder
	Block	Sheet			Type	N°	has.	Date	Date	
25	(1) NW Retty Lk Group	23008	2	34	CDC	1127856	49.15	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
26	(1) NW Retty Lk Group	23008	2	35	CDC	1127857	49.15	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
27	(1) NW Retty Lk Group	23008	3	32	CDC	1127858	49.14	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
28	(1) NW Retty Lk Group	23008	3	33	CDC	1127859	49.14	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
29	(1) NW Retty Lk Group	23008	4	27	CDC	1127860	49.13	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
30	(1) NW Retty Lk Group	23008	4	28	CDC	1127861	49.13	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
31	(1) NW Retty Lk Group	23008	4	29	CDC	1127862	49.13	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
32	(1) NW Retty Lk Group	23008	4	30	CDC	1127863	49.13	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
33	(1) NW Retty Lk Group	23008	4	31	CDC	1127864	49.13	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
34	(1) NW Retty Lk Group	23008	5	27	CDC	1127865	49.12	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
35	(1) NW Retty Lk Group	23008	5	28	CDC	1127866	49.12	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
36	(1) NW Retty Lk Group	23008	5	29	CDC	1127867	49.12	15-Jul-2003	14-Jul-2011	Ernest Black (18742)
37	(2) Retty Lk Group	23001	29	38	CDC	1598	44.94	18-Aug-2003	17-Aug-2011	Ernest Black (18742)
38	(2) Retty Lk Group	23001	29	37	CDC	16365	49.18	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
39	(2) Retty Lk Group	23001	28	33	CDC	2140634	49.19	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
40	(2) Retty Lk Group	23001	28	34	CDC	2140635	49.19	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
41	(2) Retty Lk Group	23001	28	35	CDC	2140636	49.19	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
42	(2) Retty Lk Group	23001	29	33	CDC	2140642	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
43	(2) Retty Lk Group	23001	29	34	CDC	2140643	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
44	(2) Retty Lk Group	23001	29	35	CDC	2140644	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
45	(2) Retty Lk Group	23001	29	36	CDC	2140645	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
46	(2) Retty Lk Group	23001	29	39	CDC	2140646	31.06	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
47	(2) Retty Lk Group	23001	30	39	CDC	2140653	49.17	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
48	(3) Berry Lk Group	23001	28	54	CDC	1026050	49.20	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
49	(3) Berry Lk Group	23001	28	55	CDC	1026051	49.20	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
50	(3) Berry Lk Group	23001	28	56	CDC	1026052	49.20	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
51	(3) Berry Lk Group	23001	29	54	CDC	1026053	49.18	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
52	(3) Berry Lk Group	23001	29	55	CDC	1026054	49.19	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
53	(3) Berry Lk Group	23001	29	56	CDC	1026055	49.19	21-Aug-2001	20-Aug-2011	Ernest Black (18742)

	Claim	NTS	Row	Col.	Title	Title	area	Registration	Expiry	Titleholder
	Block	Sheet			Type	N°	has.	Date	Date	
54	(3) Berry Lk Group	23001	30	41	CDC	1026057	49.17	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
55	(3) Berry Lk Group	23001	30	42	CDC	1026058	49.17	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
56	(3) Berry Lk Group	23001	30	43	CDC	1026059	49.17	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
57	(3) Berry Lk Group	23001	30	44	CDC	1026060	49.17	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
58	(3) Berry Lk Group	23001	30	45	CDC	1026061	49.17	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
59	(3) Berry Lk Group	23001	30	50	CDC	1026062	49.17	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
60	(3) Berry Lk Group	23001	30	51	CDC	1026063	49.17	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
61	(3) Berry Lk Group	23001	30	52	CDC	1026064	49.17	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
62	(3) Berry Lk Group	23001	30	53	CDC	1026065	49.17	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
63	(3) Berry Lk Group	23001	30	54	CDC	1026066	49.17	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
64	(3) Berry Lk Group	23001	30	55	CDC	1026067	49.17	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
65	(3) Berry Lk Group	23001	28	48	CDC	2140637	28.27	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
66	(3) Berry Lk Group	23001	28	49	CDC	2140638	43.51	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
67	(3) Berry Lk Group	23001	28	50	CDC	2140639	49.19	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
68	(3) Berry Lk Group	23001	28	51	CDC	2140640	49.19	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
69	(3) Berry Lk Group	23001	28	52	CDC	2140641	49.19	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
70	(3) Berry Lk Group	23001	29	41	CDC	2140647	37.16	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
71	(3) Berry Lk Group	23001	29	48	CDC	2140648	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
72	(3) Berry Lk Group	23001	29	49	CDC	2140649	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
73	(3) Berry Lk Group	23001	29	50	CDC	2140650	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
74	(3) Berry Lk Group	23001	29	51	CDC	2140651	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
75	(3) Berry Lk Group	23001	29	52	CDC	2140652	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
76	(3) Berry Lk Group	23001	29	42	CDC	2140654	46.95	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
77	(3) Berry Lk Group	23001	29	43	CDC	2140655	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
78	(3) Berry Lk Group	23001	29	44	CDC	2140656	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
79	(3) Berry Lk Group	23001	29	45	CDC	2140657	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
80	(3) Berry Lk Group	23001	29	46	CDC	2140658	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
81	(3) Berry Lk Group	23001	29	47	CDC	2140659	49.18	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
82	(3) Berry Lk Group	23001	28	47	CDC	2140660	15.86	7-Jan-2008	6-Jan-2012	Ernest Black (18742)

	Claim	NTS	Row	Col.	Title	Title	area	Registration	Expiry	Titleholder
	Block	Sheet			Type	N°	has.	Date	Date	
83	(3) Berry Lk Group	23O01	28	46	CDC	2140661	14.51	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
84	(3) Berry Lk Group	23O01	28	42	CDC	2140662	0.61	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
85	(3) Berry Lk Group	23O01	28	43	CDC	2140663	8.73	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
86	(3) Berry Lk Group	23O01	28	44	CDC	2140664	14.47	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
87	(3) Berry Lk Group	23O01	28	45	CDC	2140665	14.52	7-Jan-2008	6-Jan-2012	Ernest Black (18742)
88	(4) Willbob Group	23O01	18	25	CDC	19915	49.29	3-May-2004	2-May-2010	Ernest Black (18742)
89	(4) Willbob Group	23O01	18	26	CDC	19916	49.29	3-May-2004	2-May-2010	Ernest Black (18742)
90	(4) Willbob Group	23O01	19	25	CDC	19917	49.28	3-May-2004	2-May-2010	Ernest Black (18742)
91	(4) Willbob Group	23O01	19	26	CDC	19918	49.28	3-May-2004	2-May-2010	Ernest Black (18742)
92	(5) SE Willbob Group	23O01	16	37	CDC	16363	49.31	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
93	(5) SE Willbob Group	23O01	16	38	CDC	16364	49.31	22-Mar-2004	21-Mar-2012	Ernest Black (18742)
94	(5) SE Willbob Group	23O01	14	38	CDC	1026026	49.33	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
95	(5) SE Willbob Group	23O01	14	39	CDC	1026027	49.33	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
96	(5) SE Willbob Group	23O01	14	40	CDC	1026028	49.33	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
97	(5) SE Willbob Group	23O01	15	38	CDC	1026032	49.32	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
98	(5) SE Willbob Group	23O01	15	39	CDC	1026033	49.32	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
99	(6) Narrows Group	23O01	11	40	CDC	1026022	49.37	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
100	(6) Narrows Group	23O01	11	41	CDC	1026023	49.37	21-Aug-2001	20-Aug-2011	Ernest Black (18742)
101	(7) Doublet Group	23O01	9	43	CDC	1010216	49.39	20-Apr-2001	19-Apr-2011	Ernest Black (18742)
102	(7) Doublet Group	23O01	9	44	CDC	1010217	49.39	20-Apr-2001	19-Apr-2011	Ernest Black (18742)
103	(7) Doublet Group	23O01	10	43	CDC	1010218	49.38	20-Apr-2001	19-Apr-2011	Ernest Black (18742)
104	(7) Doublet Group	23O01	10	44	CDC	1010219	49.38	20-Apr-2001	19-Apr-2011	Ernest Black (18742)

28.4 **Appendix 1 -- List of Rockland-E.D. Black Additional Claim Staking, 2008**

Retty Lake PGE Project - Southern Labrador Trough Rockland-E.D. Black Additional Staking June 20, 2008

	Claim	NTS	Row	Col.	Title	Title	area	Registration	Expiry	Titleholder
	Block	Sheet			Type	N°	has.	Date	Date	
1	(8) WILLBOB ADDITION	23001	21	28	CDC	2165375	49.26	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
2	(8) WILLBOB ADDITION	23001	21	29	CDC	2165376	49.26	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
3	(8) WILLBOB ADDITION	23001	21	30	CDC	2165377	49.26	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
4	(8) WILLBOB ADDITION	23001	21	31	CDC	2165378	49.26	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
5	(8) WILLBOB ADDITION	23001	21	32	CDC	2165379	49.26	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
6	(8) WILLBOB ADDITION	23001	21	33	CDC	2165380	49.26	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
7	(8) WILLBOB ADDITION	23001	20	30	CDC	2165384	49.27	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
8	(8) WILLBOB ADDITION	23001	20	31	CDC	2165369	49.27	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
9	(8) WILLBOB ADDITION	23001	20	32	CDC	2165370	49.27	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
10	(8) WILLBOB ADDITION	23001	20	33	CDC	2165371	49.27	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
11	(8) WILLBOB ADDITION	23001	20	34	CDC	2165372	49.27	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
12	(8) WILLBOB ADDITION	23001	20	35	CDC	2165373	49.27	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
13	(8) WILLBOB ADDITION	23001	20	36	CDC	2165374	49.27	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
14	(8) WILLBOB ADDITION	23001	19	32	CDC	2165360	49.28	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
15	(8) WILLBOB ADDITION	23001	19	33	CDC	2165361	49.28	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
16	(8) WILLBOB ADDITION	23001	19	34	CDC	2165362	49.28	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
17	(8) WILLBOB ADDITION	23001	19	35	CDC	2165363	49.28	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
18	(8) WILLBOB ADDITION	23001	19	36	CDC	2165364	49.28	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
19	(8) WILLBOB ADDITION	23001	19	37	CDC	2165365	49.28	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
20	(8) WILLBOB ADDITION	23001	19	38	CDC	2165366	49.28	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
21	(8) WILLBOB ADDITION	23001	19	39	CDC	2165367	49.28	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
22	(8) WILLBOB ADDITION	23001	19	40	CDC	2165368	49.28	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
23	(8) WILLBOB ADDITION	23001	18	35	CDC	2165352	49.29	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
24	(8) WILLBOB ADDITION	23001	18	36	CDC	2165353	49.29	10-Jul-2008	9-Jul-2010	Ernest Black (18742)

	Claim	NTS	Row	Col.	Title	Title	area	Registration	Expiry	Titleholder
	Block	Sheet			Type	N°	has.	Date	Date	
25	(8) WILLBOB ADDITION	23001	18	37	CDC	2165354	49.29	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
26	(8) WILLBOB ADDITION	23001	18	38	CDC	2165355	49.29	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
27	(8) WILLBOB ADDITION	23001	18	39	CDC	2165356	49.29	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
28	(8) WILLBOB ADDITION	23001	18	40	CDC	2165357	49.29	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
29	(8) WILLBOB ADDITION	23001	18	41	CDC	2165358	49.29	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
30	(8) WILLBOB ADDITION	23001	18	42	CDC	2165359	49.29	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
31	(8) WILLBOB ADDITION	23001	17	35	CDC	2165348	49.30	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
32	(8) WILLBOB ADDITION	23001	17	36	CDC	2165383	49.30	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
33	(8) WILLBOB ADDITION	23001	17	37	CDC	2165349	49.30	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
34	(8) WILLBOB ADDITION	23001	17	38	CDC	2165350	49.30	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
35	(8) WILLBOB ADDITION	23001	17	39	CDC	2165351	49.30	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
36	(8) WILLBOB ADDITION	23001	16	35	CDC	2165345	49.31	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
37	(8) WILLBOB ADDITION	23001	16	36	CDC	2165346	49.31	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
38	(8) WILLBOB ADDITION	23001	16	39	CDC	2165347	49.31	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
39	(8) WILLBOB ADDITION	23001	15	35	CDC	2165342	49.32	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
40	(8) WILLBOB ADDITION	23001	15	36	CDC	2165343	49.32	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
41	(8) WILLBOB ADDITION	23001	15	37	CDC	2165344	49.32	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
42	(8) WILLBOB ADDITION	23001	14	35	CDC	2165339	49.33	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
43	(8) WILLBOB ADDITION	23001	14	36	CDC	2165340	49.33	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
44	(8) WILLBOB ADDITION	23001	14	37	CDC	2165341	49.33	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
45	(9) NARROWS ADDITION	23001	13	35	CDC	2165333	49.34	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
46	(9) NARROWS ADDITION	23001	13	36	CDC	2165334	49.34	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
47	(9) NARROWS ADDITION	23001	13	37	CDC	2165335	49.34	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
48	(9) NARROWS ADDITION	23001	13	38	CDC	2165336	49.34	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
49	(9) NARROWS ADDITION	23001	13	39	CDC	2165337	49.34	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
50	(9) NARROWS ADDITION	23001	13	40	CDC	2165338	49.35	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
51	(9) NARROWS ADDITION	23001	12	36	CDC	2165328	49.35	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
52	(9) NARROWS ADDITION	23001	12	37	CDC	2165329	49.35	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
53	(9) NARROWS ADDITION	23001	12	38	CDC	2165330	49.35	10-Jul-2008	9-Jul-2010	Ernest Black (18742)

	Claim	NTS	Row	Col.	Title	Title	area	Registration	Expiry	Titleholder
	Block	Sheet			Type	N°	has.	Date	Date	
54	(9) NARROWS ADDITION	23001	12	39	CDC	2165331	49.36	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
55	(9) NARROWS ADDITION	23001	12	40	CDC	2165332	49.36	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
56	(9) NARROWS ADDITION	23001	11	37	CDC	2165323	49.36	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
57	(9) NARROWS ADDITION	23001	11	38	CDC	2165324	49.37	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
58	(9) NARROWS ADDITION	23001	11	39	CDC	2165325	49.37	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
59	(9) NARROWS ADDITION	23001	11	42	CDC	2165326	49.37	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
60	(9) NARROWS ADDITION	23001	11	43	CDC	2165327	49.37	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
61	(9) NARROWS ADDITION	23001	10	37	CDC	2165316	49.38	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
62	(9) NARROWS ADDITION	23001	10	38	CDC	2165317	49.38	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
63	(9) NARROWS ADDITION	23001	10	39	CDC	2165318	49.38	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
64	(9) NARROWS ADDITION	23001	10	40	CDC	2165319	49.38	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
65	(9) NARROWS ADDITION	23001	10	41	CDC	2165320	49.38	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
66	(9) NARROWS ADDITION	23001	10	42	CDC	2165321	49.38	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
67	(9) NARROWS ADDITION	23001	10	45	CDC	2165322	49.38	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
68	(9) NARROWS ADDITION	23001	9	39	CDC	2165309	49.39	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
69	(9) NARROWS ADDITION	23001	9	40	CDC	2165310	49.39	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
70	(9) NARROWS ADDITION	23001	9	41	CDC	2165311	49.39	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
71	(9) NARROWS ADDITION	23001	9	42	CDC	2165312	49.39	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
72	(9) NARROWS ADDITION	23001	9	45	CDC	2165313	49.39	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
73	(9) NARROWS ADDITION	23001	9	46	CDC	2165314	49.39	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
74	(9) NARROWS ADDITION	23001	9	47	CDC	2165315	49.39	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
75	(9) NARROWS ADDITION	23001	8	40	CDC	2165304	49.40	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
76	(9) NARROWS ADDITION	23001	8	41	CDC	2165305	49.40	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
77	(9) NARROWS ADDITION	23001	8	42	CDC	2165306	49.40	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
78	(9) NARROWS ADDITION	23001	8	43	CDC	2165307	49.40	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
79	(9) NARROWS ADDITION	23001	8	44	CDC	2165308	49.40	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
80	(9) NARROWS ADDITION	23001	7	41	CDC	2165299	49.41	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
81	(9) NARROWS ADDITION	23001	7	42	CDC	2165300	49.41	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
82	(9) NARROWS ADDITION	23001	7	43	CDC	2165301	49.41	10-Jul-2008	9-Jul-2010	Ernest Black (18742)

	Claim	NTS	Row	Col.	Title	Title	area	Registration	Expiry	Titleholder
	Block	Sheet			Type	N°	has.	Date	Date	
83	(9) NARROWS ADDITION	23O01	7	44	CDC	2165302	49.41	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
84	(9) NARROWS ADDITION	23O01	7	45	CDC	2165303	49.41	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
85	(9) NARROWS ADDITION	23O01	6	42	CDC	2165295	49.42	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
86	(9) NARROWS ADDITION	23O01	6	43	CDC	2165296	49.42	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
87	(9) NARROWS ADDITION	23O01	6	44	CDC	2165297	49.42	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
88	(9) NARROWS ADDITION	23O01	6	45	CDC	2165298	49.42	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
89	(9) NARROWS ADDITION	23O01	5	43	CDC	2165290	49.43	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
90	(9) NARROWS ADDITION	23O01	5	44	CDC	2165291	49.43	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
91	(9) NARROWS ADDITION	23O01	5	45	CDC	2165292	49.43	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
92	(9) NARROWS ADDITION	23O01	5	46	CDC	2165293	49.43	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
93	(9) NARROWS ADDITION	23O01	5	47	CDC	2165294	49.43	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
94	(10) NW RETTY ADDITION	23O08	4	22	CDC	2165381	49.13	10-Jul-2008	9-Jul-2010	Ernest Black (18742)
95	(10) NW RETTY ADDITION	23O08	5	22	CDC	2165382	49.12	10-Jul-2008	9-Jul-2010	Ernest Black (18742)

29 APPENDIX 2 -- 2008 Assay Certificates

29.1 *ALS Chemex, 67 Rock Samples, 23Oct08, Certificate #VO08131889 (10 pages)*



ALS Chemex

EXCELLENCE EN ANALYSE CHIMIQUE
ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Téléphone: 604 984 0221 Télécopieur: 604 984 0218 www.alschemex.com

À: ROCKLAND MINERALS CORP.
SUITE 600 - 999 WEST HASTINGS STREET
VANCOUVER BC V6C 2W2

Page: 1
Finalisée date: 23-OCT-2008
Cette copie a fait un rapport sur
10-MARS-2009
Compte: ROMICO

CERTIFICAT VO08131889

Projet: RETTY LAKE

Bon de commande #:

Ce rapport s'applique aux 67 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 15-SEPT-2008.

Les résultats sont transmis à:

ETIENNES FORBES
G. SANDERS

E. FORBES

GEORGE SANDERS

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	
ME-MS61	ICP-MS 48 éléments, quatre acides	
PGM-ICP23	Pt, Pd et Au 30 g FA ICP	ICP-AES

À: ROCKLAND MINERALS CORP.
ATTN: ETIENNES FORBES
GEOFORBES SERVICES INC.
239, AVE JOLLIET
SEPT-ILES QC G4R 2A8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



ALS Chemex

EXCELLENCE EN ANALYSE CHIMIQUE

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1

Téléphone: 604 984 0221 Télécopieur: 604 984 0218 www.alschemex.com

À: ROCKLAND MINERALS CORP.

SUITE 600 - 999 WEST HASTINGS STREET
VANCOUVER BC V6C 2W2

Page: 2 - A

Nombre total de pages: 3 (A - D)
plus les pages d'annexe

Finalisée date: 23-OCT-2008

Compte: ROMICO

Projet: RETTY LAKE

CERTIFICAT D'ANALYSE VO08131889

Description échantillon	Méthode élément unités L.D.	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Poids reçu	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
		kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
RL01/456151		0.89	0.002	<0.005	0.006	0.23	6	0.4	10	1.43	0.16	1.08	0.08	144.5	18.7	40
RL02/456152		0.47	0.002	0.027	0.059	0.09	4.46	4.2	<10	0.07	0.08	4.94	0.1	3.75	115	937
RL03/456153		0.71	0.015	0.056	0.193	0.33	3.51	3.7	<10	0.07	0.16	4.95	0.77	3.95	165	950
RL04/456154		0.64	0.009	0.029	0.089	0.12	3.66	<0.2	<10	<0.05	0.02	4.23	0.36	2.59	137	1055
RL05/456155		0.62	0.015	0.052	0.226	0.46	3.11	0.4	<10	<0.05	0.09	3.91	0.38	2.67	157	896
RL06/456156		0.62	0.013	0.016	0.091	0.16	2.32	0.4	<10	<0.05	0.02	3.2	0.16	2.99	120	1460
RL07/456157		1.01	0.002	<0.005	0.003	0.08	5.68	2.6	20	0.9	0.12	2.09	0.14	245	42.9	34
RL08/456158		1.11	0.019	<0.005	0.008	0.5	1.41	25.8	30	0.7	0.38	0.1	2.47	11.65	49.9	30
RL09/456159		0.65	0.002	<0.005	0.001	0.04	7.56	0.9	10	0.18	0.01	2.95	0.08	8.11	38.5	14
RL10/456160		0.88	0.002	0.026	0.083	0.19	3.76	0.6	<10	0.15	0.07	4.48	0.11	3.11	142.5	873
RL11/456161		0.96	0.001	<0.005	0.007	0.39	3.83	1	80	0.99	0.13	1.04	0.13	19.15	53.1	22
RL12/456162		0.74	0.001	0.008	0.011	0.05	3.13	0.5	<10	0.18	0.02	5.23	0.12	1.79	57.2	1620
RL13		1.20	0.002	<0.005	0.001	0.02	7.08	0.9	350	2	0.01	4.76	0.09	45.4	30.8	28
RL14/456163		0.68	<0.001	0.025	0.078	0.1	4.68	1.2	160	0.48	0.04	3.88	0.05	3.76	100	1000
RL15/456164		1.96	0.002	0.021	0.082	0.14	4.19	0.4	<10	0.22	0.05	4.47	0.06	6.04	82.8	1070
RL16/456165		1.03	0.001	0.010	0.024	0.05	1.83	0.4	<10	0.05	0.03	5.75	0.11	1.99	74.7	731
RL17/456166		0.56	0.002	0.006	0.004	0.08	3.02	0.5	<10	0.06	0.01	3.9	0.04	2.11	92.4	1380
RL18/456167		0.99	<0.001	<0.005	0.002	0.02	5.76	1.2	320	0.85	0.02	1.53	0.03	26.1	20.2	25
RL19/456168		1.58	0.002	<0.005	0.002	0.07	0.03	9.2	10	<0.05	0.02	0.01	<0.02	0.25	0.4	48
RL20/456169		0.79	0.002	0.018	0.004	1.01	2.33	0.6	<10	0.07	0.01	2.86	0.09	2.39	87.9	2020
RL21/456170		1.59	0.006	0.025	0.018	0.58	1.67	0.5	<10	<0.05	0.02	1.09	0.05	1.58	123	2120
RL22/456171		1.13	0.004	0.011	0.027	0.45	1.56	2.2	<10	<0.05	0.03	0.19	0.03	1.04	133.5	1390
RL23/456172		1.17	0.010	0.063	0.128	0.82	1.96	0.4	<10	0.05	0.1	1.44	0.13	1.72	203	1760
RL24/456173		0.65	0.019	0.040	0.092	0.45	1.58	3.1	<10	<0.05	0.07	0.8	0.09	0.71	219	1190
RL25/456174		0.92	0.056	0.050	0.097	0.5	1.23	4.7	<10	<0.05	0.1	0.5	0.07	0.71	220	1710
RL26/456175		0.76	0.008	0.055	0.085	0.4	1.28	2.9	<10	<0.05	0.08	0.3	0.05	0.72	197	1480
RL27/456176		0.99	0.011	0.067	0.120	0.49	1.19	11	<10	<0.05	0.12	0.71	0.09	0.85	241	1570
RL28/456177		2.06	0.004	0.044	0.076	0.35	1.62	1.8	<10	0.05	0.09	1.59	0.07	0.84	196.5	1770
RL29/456178		1.11	0.006	0.052	0.179	0.18	3.18	0.2	<10	0.23	0.25	4.83	0.03	2.37	25.4	1120
RL30/456179		1.50	0.018	0.049	0.147	0.21	3.1	1.5	<10	0.2	0.06	2.6	0.03	3.22	169	1360
RL31		0.65	0.001	<0.005	0.001	0.02	8.64	0.3	300	1.29	0.07	6.32	0.1	30.2	33.3	51
RL32/456180		1.33	0.005	0.033	0.132	0.19	2.83	1.2	<10	0.74	0.12	3.19	0.06	7.47	205	1240
RL33/456181		0.52	0.005	0.031	0.147	0.2	3.33	1.1	10	0.22	0.08	3.88	0.03	3.79	110	988
RL34/456182		1.29	0.002	0.008	0.024	0.15	3.03	1.9	<10	0.16	0.04	2.36	0.04	2.33	177.5	1310
RL35/456183		0.80	0.010	0.035	0.166	0.45	1.4	1.6	<10	0.36	0.13	1.33	0.06	4.15	233	1120
RL36/456184		1.02	0.001	<0.005	0.005	0.02	2.05	1.4	10	0.05	0.02	1.56	0.03	1.1	111	2080
RL37/456185		0.63	0.003	<0.005	0.001	0.42	2.26	8.4	10	0.6	0.35	1.15	<0.02	26.7	64.1	45
RL38/456186		1.38	0.033	<0.005	0.002	0.14	3.06	1.6	10	0.35	0.87	1.86	0.03	3.83	457	58
RL39/456187		0.85	0.018	<0.005	0.001	0.04	5.65	0.9	10	0.79	0.05	9.52	0.05	4.73	29.8	708
RL40/456188		0.77	0.026	<0.005	0.003	0.45	2.87	46.9	20	0.5	0.44	0.95	0.03	22.4	201	100

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****



ALS Chemex

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CERTIFICAT D'ANALYSE VO08131889

Description échantillon	Méthode élément unités L.D.	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Cs	Cu	Fe	Ga	Ge	Hi	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm 0.05	ppm 0.2	% 0.01	ppm 0.05	ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm
RL01/456151		0.12	222	10.05	16.4	0.2	7.2	0.022	0.03	88.6	10.5	2.52	346	32.7	3.15	98.8
RL02/456152		0.07	518	11.75	9.59	0.17	0.5	0.04	0.01	1.8	22	10.6	1610	0.56	0.03	1.4
RL03/456153		0.11	1200	11.6	8.39	0.17	0.8	0.061	0.01	1.6	6.4	10.95	1275	0.72	0.02	1.8
RL04/456154		0.08	743	10.65	8.78	0.18	0.6	0.063	0.01	1.2	0.5	11.7	1590	0.95	0.02	1.5
RL05/456155		0.11	1760	15.7	6.98	0.24	0.2	0.098	0.02	1.1	3.1	10.2	1295	0.75	0.08	1
RL06/456156		0.15	795	10.6	5.89	0.16	0.1	0.042	<0.01	1.3	0.3	14	1285	1.39	0.03	1.3
RL07/456157		0.14	203	19.7	22.5	0.37	6	0.039	0.03	129	6	1.24	374	24.9	2.8	49.9
RL08/456158		2.77	354	37.2	7.98	0.41	1.1	0.054	0.21	5.9	4.5	0.78	369	41.4	0.41	13.2
RL09/456159		0.09	90.1	8.14	20.1	0.1	1.3	0.056	0.01	3.1	11.9	4.53	1075	0.73	3.43	3.2
RL10/456160		0.1	1130	12.85	7.98	0.13	0.6	0.088	0.02	1.2	0.5	10.8	1730	6.13	0.21	1.5
RL11/456161		0.23	656	28.6	11.85	0.39	3.3	0.093	0.27	8.4	6.2	1.29	275	40.2	1.73	23
RL12/456162		0.12	71.1	7.46	6.83	0.06	0.5	0.032	0.01	0.7	1.7	13.85	1125	0.27	0.04	1
RL13		0.08	32.5	8.29	23.9	0.12	1.6	0.102	0.21	20.8	6.3	1.93	1205	0.46	2.36	18.3
RL14/456163		0.66	421	10.1	9.68	0.08	0.6	0.066	0.61	1.5	8	11.1	1200	0.74	0.75	1.6
RL15/456164		0.18	571	11.45	8.98	0.08	0.9	0.152	0.02	2.7	0.6	12.5	1860	0.78	0.11	2.1
RL16/456165		0.22	178	7.17	4.72	<0.05	0.2	0.019	0.01	1	0.6	13.2	1285	0.41	0.02	0.8
RL17/456166		0.16	24.8	8.22	6.57	<0.05	0.2	0.025	0.01	0.8	0.4	15.25	1315	0.09	0.04	1
RL18/456167		11.25	10.3	10.45	22.8	0.14	3.2	0.134	2.33	10.9	24.2	1.27	1355	0.8	1.52	8.7
RL19/456168		<0.05	302	49.7	4.49	0.82	<0.1	0.057	<0.01	<0.5	<0.2	0.02	<5	0.48	<0.01	0.4
RL20/456169		0.32	432	12.85	5.06	0.09	0.3	0.026	0.01	0.9	2.5	15.8	1520	1.66	0.07	0.7
RL21/456170		0.18	707	15.9	4.19	0.11	0.2	0.033	0.01	0.7	1.2	15.15	1475	6.67	0.03	0.7
RL22/456171		0.09	265	17.15	3.61	0.15	0.1	0.073	0.01	<0.5	0.9	16.3	1395	5.47	0.01	0.7
RL23/456172		0.19	443	14.75	4.77	0.13	0.3	0.091	0.01	0.6	0.7	15.15	1800	2.77	0.04	0.9
RL24/456173		0.1	422	15.35	3.6	0.15	0.1	0.111	<0.01	<0.5	0.8	16.25	1300	1.33	0.01	0.5
RL25/456174		0.08	477	16.75	3.18	0.17	0.1	0.117	0.01	<0.5	0.5	14.35	1300	2.73	0.01	0.5
RL26/456175		0.06	455	17.6	3.18	0.17	0.1	0.115	0.01	<0.5	0.5	14.95	1305	0.96	<0.01	0.6
RL27/456176		0.13	578	19.1	3.17	0.21	0.1	0.13	0.02	<0.5	0.8	13.5	1215	5.53	0.01	0.6
RL28/456177		0.1	473	15.6	3.53	0.15	0.1	0.118	0.01	<0.5	1	14.15	1300	4.08	0.01	0.5
RL29/456178		0.07	1020	9.58	7.52	0.07	0.6	0.094	0.03	0.9	0.4	12.2	1125	0.5	0.12	1.6
RL30/456179		0.18	977	15.1	6.78	0.14	0.4	0.093	0.01	1.3	0.7	12.95	1050	1.04	0.04	1.3
RL31		1.48	55.4	5.58	24.3	0.12	1	0.067	1.22	14.3	19	3.14	913	0.17	1.67	6.8
RL32/456180		0.15	1545	15.4	6.45	0.15	0.4	0.061	0.02	3	0.6	12.25	952	0.48	0.11	9.3
RL33/456181		0.1	1065	15.2	7.46	0.13	0.6	0.089	0.04	1.6	0.7	11.45	1370	1.32	0.18	1.6
RL34/456182		0.17	947	14.85	6.78	0.11	0.5	0.043	0.02	0.9	1.6	12.8	901	6.39	0.15	1.2
RL35/456183		0.09	1365	19.75	3.8	0.21	0.4	0.106	0.01	1.8	0.4	10.7	1055	2.84	0.05	2
RL36/456184		0.06	4.2	9.26	4.44	0.05	0.1	0.023	0.01	<0.5	0.9	18.5	1160	0.1	0.01	0.5
RL37/456185		<0.05	382	25.2	8.75	0.31	1.4	<0.005	<0.01	15	0.8	1.16	350	35	1.75	10.4
RL38/456186		<0.05	1340	21.9	11.55	0.27	1.8	0.006	<0.01	1	0.5	2.02	302	16.7	2.41	12
RL39/456187		0.08	107	8.77	13.55	0.05	0.9	0.126	0.13	1.9	8	7.18	2200	0.39	0.88	2
RL40/456188		<0.05	1740	25.8	10.05	0.34	1.7	0.006	0.05	10.5	2.3	1.31	115	22.6	2.04	12.5

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Compte: ROMICO

Projet: RETTY LAKE

CERTIFICAT D'ANALYSE VO08131889

Description échantillon	Méthode élément unités L.D.	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm 0.2	ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.2	% 0.005
RL01/456151		119	1700	8.5	0.8	0.033	5.15	0.14	15.3	8	0.6	37.5	3.69	0.32	8.9	0.484
RL02/456152		1110	150	1.1	0.3	0.007	2.17	0.21	30.8	3	0.4	3.4	0.09	0.14	0.2	0.239
RL03/456153		950	120	1.7	0.2	0.014	3.44	0.35	26.1	5	0.5	3.7	0.11	0.29	0.2	0.24
RL04/456154		1050	100	1.6	0.2	0.009	2.12	0.09	26.5	3	0.3	7.9	0.09	0.07	<0.2	0.243
RL05/456155		1310	90	5.5	0.5	0.018	5.21	0.14	23.1	6	0.7	5.7	0.05	0.25	<0.2	0.173
RL06/456156		1040	100	8.5	0.3	0.005	1.76	0.23	18.7	3	0.3	1.6	0.06	0.06	<0.2	0.143
RL07/456157		166	1110	12.4	2.3	0.041	>10.0	0.27	20.5	11	0.8	71.3	2.87	0.47	8.4	0.565
RL08/456158		242	210	20.2	21.7	0.083	>10.0	0.76	8	19	0.5	4.7	0.59	0.74	1.6	0.099
RL09/456159		34.5	280	1.2	0.9	<0.002	1.81	0.09	49.4	3	0.3	50.3	0.19	0.07	0.3	0.567
RL10/456160		786	120	2.2	0.4	0.019	3.95	0.09	26	4	0.6	8.8	0.1	0.12	<0.2	0.237
RL11/456161		335	360	12.3	11	0.086	>10.0	0.12	12.3	18	0.9	38	1.22	0.74	5.3	0.332
RL12/456162		441	90	1.2	0.3	<0.002	0.27	0.23	22.6	2	0.2	2.9	0.06	0.06	<0.2	0.186
RL13		25.4	1000	4.5	0.9	<0.002	0.13	<0.05	39.3	2	1.6	204	0.91	<0.05	0.4	1.01
RL14/456163		665	150	2	23.4	0.007	3.12	0.39	31.2	3	0.6	17.3	0.1	0.16	0.2	0.275
RL15/456164		910	180	1.5	0.7	0.006	1.84	0.14	26.8	3	0.8	3.7	0.13	0.14	0.2	0.287
RL16/456165		471	80	1.5	0.4	0.003	0.36	0.1	15.5	2	0.2	5.4	<0.05	0.05	<0.2	0.12
RL17/456166		662	100	0.5	0.6	<0.002	0.07	0.06	29.6	1	0.3	2.8	0.06	<0.05	<0.2	0.188
RL18/456167		14.4	680	2.4	148.5	<0.002	0.11	0.18	40	2	1.4	119.5	0.57	<0.05	2.5	0.786
RL19/456168		1.3	250	2.7	0.3	<0.002	1.73	<0.05	0.3	7	<0.2	0.3	<0.05	0.55	0.6	0.036
RL20/456169		353	60	7.5	0.6	0.005	3.47	0.35	18.6	4	0.3	2.6	<0.05	0.47	<0.2	0.119
RL21/456170		667	60	11.3	0.5	0.015	7.24	0.22	13.8	6	0.2	1.3	<0.05	0.7	<0.2	0.104
RL22/456171		1000	40	7.9	0.4	0.009	5.54	0.18	11.2	6	0.6	0.6	<0.05	0.55	<0.2	0.067
RL23/456172		1740	100	15.1	0.3	0.018	4.39	0.94	18	5	0.9	1.3	0.05	0.61	<0.2	0.151
RL24/456173		1915	20	21.6	0.3	0.014	7.96	0.12	13.1	7	1.1	0.4	<0.05	0.98	<0.2	0.072
RL25/456174		1875	40	22.3	0.3	0.016	7.8	0.12	10.6	8	0.9	0.4	<0.05	1	<0.2	0.077
RL26/456175		1410	30	11.1	0.3	0.008	6.33	0.17	11.2	8	0.9	0.4	<0.05	0.96	<0.2	0.073
RL27/456176		2140	40	16.4	1.2	0.017	8.08	0.13	11	8	0.9	1	<0.05	0.93	<0.2	0.071
RL28/456177		1440	50	11.6	0.4	0.01	5.16	0.15	13.2	7	1	0.7	<0.05	0.97	<0.2	0.079
RL29/456178		105	70	1.9	0.4	0.013	1.08	0.26	24.4	5	1	3.7	0.07	0.26	<0.2	0.21
RL30/456179		1265	120	2.9	0.6	0.015	5.06	0.54	22.3	5	0.6	2	0.07	0.24	<0.2	0.193
RL31		68	200	8.5	20.5	<0.002	0.11	0.05	36.5	2	1.3	324	0.45	<0.05	0.6	0.371
RL32/456180		1600	310	2.4	0.8	0.006	5.44	0.34	19.4	6	0.7	4.6	0.23	0.25	0.4	0.15
RL33/456181		802	110	2.2	0.7	0.01	4.59	0.24	23.8	3	1	7.9	0.08	0.26	<0.2	0.201
RL34/456182		658	110	2.1	0.4	0.025	4.21	0.44	21.6	4	0.3	4.3	0.07	0.13	<0.2	0.183
RL35/456183		1735	90	4.5	0.3	0.037	9.68	0.21	12.2	8	1.3	2.3	0.12	0.27	0.3	0.116
RL36/456184		975	50	0.6	0.4	<0.002	0.23	0.39	16.8	1	<0.2	1	<0.05	<0.05	<0.2	0.107
RL37/456185		127	750	10	0.3	0.018	>10.0	0.26	6.6	21	0.2	5.3	0.52	3.99	3.4	0.167
RL38/456186		597	230	15.9	0.5	0.025	>10.0	1.06	5.1	17	<0.2	23.2	0.65	5.49	3.2	0.218
RL39/456187		76.5	150	1.3	0.6	<0.002	1.05	1.29	39.1	3	1.8	343	0.11	0.17	0.2	0.333
RL40/456188		314	160	8.7	0.8	0.029	>10.0	0.37	11.7	24	0.3	29.2	0.6	3.5	3.6	0.208

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CERTIFICAT D'ANALYSE VO08131889

Description échantillon	Méthode élément unités L.D.	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ti	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2	0.5
RL01/456151		0.06	19.5	348	0.9	35.8	47	353
RL02/456152		0.04	0.3	169	0.1	8.9	141	20.7
RL03/456153		0.05	0.8	163	0.1	8.4	97	31.6
RL04/456154		0.05	0.3	158	0.1	5.3	100	22.3
RL05/456155		0.04	0.1	141	0.1	5.6	99	11.4
RL06/456156		0.06	0.2	116	<0.1	6	84	6.1
RL07/456157		0.11	26.8	215	0.6	55.7	62	193.5
RL08/456158		2.69	15	306	0.6	10.9	351	56.8
RL09/456159		0.1	0.2	328	0.2	20.6	78	44.4
RL10/456160		0.04	0.2	164	0.1	6.8	93	20
RL11/456161		0.7	24.2	310	0.5	14.1	45	121
RL12/456162		0.05	0.1	129	0.1	3.7	88	13.9
RL13		0.04	0.2	243	0.1	41.2	61	47.3
RL14/456163		1.52	0.3	201	0.2	9.1	81	20
RL15/456164		0.05	0.1	179	0.1	8.7	86	30.2
RL16/456165		0.05	<0.1	87	<0.1	3.4	59	5.6
RL17/456166		0.02	0.1	140	<0.1	5.5	77	7
RL18/456167		0.84	0.7	79	0.5	45	95	99.1
RL19/456168		0.04	0.1	141	<0.1	0.1	26	1.3
RL20/456169		<0.02	<0.1	113	0.1	4.8	146	7.9
RL21/456170		0.03	0.1	113	0.1	3.1	138	3.9
RL22/456171		0.04	<0.1	72	0.1	2.3	113	2.6
RL23/456172		0.09	<0.1	129	<0.1	3.6	152	9
RL24/456173		0.02	<0.1	84	<0.1	1.9	114	2.7
RL25/456174		0.02	<0.1	88	<0.1	1.7	153	4
RL26/456175		0.02	<0.1	85	0.1	1.9	129	3.2
RL27/456176		0.04	<0.1	83	<0.1	2	117	4.2
RL28/456177		0.03	<0.1	85	<0.1	2.3	111	3.2
RL29/456178		0.08	0.1	143	0.1	5	56	18
RL30/456179		0.06	0.1	148	0.1	5.2	91	12.6
RL31		0.26	0.2	160	0.2	26.1	64	20.7
RL32/456180		0.07	0.1	120	0.1	5.4	68	12.7
RL33/456181		0.03	0.2	169	0.1	5.5	76	18.9
RL34/456182		<0.02	0.2	143	0.1	5.1	72	15.6
RL35/456183		0.03	0.2	120	0.1	5.1	95	15.7
RL36/456184		<0.02	<0.1	93	0.1	3.1	81	1.3
RL37/456185		0.02	22.7	227	0.4	13.8	12	48.7
RL38/456186		0.15	3.6	119	0.2	4.2	16	69.1
RL39/456187		0.02	0.3	223	0.3	12.6	67	29.3
RL40/456188		0.04	7.9	152	0.7	10.4	13	61.6

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		Poids reçu	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
		kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
RL41/456189		0.72	0.002	0.012	0.009	0.04	7.65	0.8	10	0.64	0.03	2.05	0.02	11.6	12.3	130
RL42/456190		1.22	0.056	<0.005	0.007	0.98	0.75	152.5	10	0.11	0.57	0.28	0.05	7.23	308	8
RL43/456191		0.57	0.009	<0.005	0.005	0.28	3.55	79	200	2.15	0.41	0.35	0.05	16.85	21.6	33
RL44/456192		1.28	0.032	0.007	0.017	0.51	2.87	61.2	50	0.28	0.32	0.2	0.04	44.5	96.8	54
RL45	Not Recvd															
RL46/456201		1.17	0.004	<0.005	0.003	0.16	2.29	75.3	100	0.48	0.1	0.29	0.25	34.8	109	48
RL47/456202		1.18	0.005	<0.005	0.016	0.3	4.26	4.4	20	1.31	0.03	1.37	0.15	68	69.7	59
RL48/456203		0.93	0.001	<0.005	0.004	0.23	4.44	1.2	70	1.95	<0.01	0.99	0.79	173.5	54.3	26
RL49/456204		0.74	0.002	0.020	0.013	0.04	4.14	<0.2	<10	0.11	<0.01	4.94	0.05	4.15	89.5	1240
RL50/456205		0.45	0.006	0.056	0.229	0.27	2.99	3.8	<10	0.09	<0.01	4.31	0.47	3.81	170	1500
RL51/456206		0.87	0.003	<0.005	<0.001	0.01	6.34	<5	10	0.22	<0.01	11.2	0.05	6.17	44.3	293
RL52/456207		0.62	0.005	<0.005	0.003	0.01	5.27	0.7	<10	0.14	<0.01	5.55	0.03	5.15	14	128
RL53/456208		1.10	0.007	0.017	0.022	1.11	2.28	0.8	<10	0.05	0.01	1.76	0.06	1.5	117	1950
RL54/456209		1.58	0.005	0.025	0.068	0.45	1.39	10.4	<10	<0.05	0.15	1.26	0.12	1.1	183.5	1450
RL55/456210		1.30	0.018	0.089	0.179	0.89	1.69	1.4	<10	<0.05	0.13	0.82	0.11	1.01	254	1560
RL56/456211		0.92	0.003	0.005	0.013	0.16	2.98	0.6	<10	0.06	0.04	2.78	0.06	1.73	69.7	1600
RL57/456212		0.94	0.005	0.047	0.049	0.17	2.35	1.7	<10	0.06	<0.01	1.97	0.04	2.02	138.5	2260
RL58/456213		1.36	0.007	0.030	0.122	0.15	3.55	<0.2	<10	0.12	0.01	5	0.08	2.32	117	1300
RL59/456214		1.13	0.001	0.008	0.007	0.01	1.79	<0.2	<10	<0.05	<0.01	1.1	0.04	1.07	93.8	2320
RL60/456215		1.24	<0.001	0.007	0.003	0.02	1.67	<0.2	<10	<0.05	<0.01	0.93	0.18	1.11	104.5	2440
RL61/456216		2.53	0.060	<0.005	0.001	0.44	0.9	0.5	10	<0.05	0.07	0.5	0.07	3.06	440	21
RL62/456217		1.28	0.024	0.005	0.007	0.51	1.67	2.1	10	0.11	0.08	1.33	0.75	8.89	316	43
RL63/456218		0.27	0.107	<0.005	0.004	3.09	2	0.9	<10	<0.05	0.01	0.91	0.08	1.23	89.9	1570
RL64/456219		1.31	0.012	<0.005	0.004	0.4	1.88	3.4	<10	0.21	0.41	2.83	0.11	1.7	156	35
RL65/456220		1.50	0.034	<0.005	0.015	1.09	1.55	4.4	10	0.2	0.19	1.51	0.46	11	253	23
RL66		0.80	0.003	<0.005	<0.001	0.02	8.06	2.4	220	0.97	0.21	6.1	0.11	29.3	42.6	211
RL67/456221		0.87	0.013	<0.005	0.014	0.55	0.57	0.7	10	0.05	0.11	0.78	0.15	0.64	180	8

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Téléphone: 604 984 0221 Télécopieur: 604 984 0218 www.alschemex.com

À: ROCKLAND MINERALS CORP.

SUITE 600 - 999 WEST HASTINGS STREET
VANCOUVER BC V6C 2W2

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Nombre total de pages: 3 (A - D)

plus les pages d'annexe

Finalisée date: 23-OCT-2008

Compte: ROMICO

Projet: RETTY LAKE

CERTIFICAT D'ANALYSE VO08131889

Description échantillon	Méthode élément unités L.D.	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na
		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
		0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01
RL41/456189		0.63	67.1	8.04	17.15	0.1	1.6	0.05	0.06	4.4	14.4	4.24	1205	0.68	3.98
RL42/456190		<0.05	1360	42	4.71	0.45	0.4	0.008	<0.01	3.3	0.4	0.37	46	16.5	0.55
RL43/456191		3.01	55.2	8.7	14	0.14	2.5	0.072	0.83	7.3	13.7	1.14	979	22.5	0.58
RL44/456192		0.1	826	26.5	9.04	0.41	2.2	0.045	0.17	24	8.2	1.45	330	27.1	1.01
RL45															
RL46/456201		0.21	364	28.8	8.01	0.5	1.3	0.02	0.44	18.7	11.2	1.41	458	18.4	0.24
RL47/456202		0.1	332	24.6	13.15	0.44	3.7	0.009	0.08	37	3.6	0.64	152	27.2	2.54
RL48/456203		0.36	481	22.3	20.8	0.51	9.6	0.138	0.3	85.8	4.1	0.99	189	34.8	2.78
RL49/456204		<0.05	33.2	8.51	9.11	0.19	0.6	0.033	0.01	1.3	0.9	12.45	1360	0.3	0.05
RL50/456205		0.23	1190	8.89	6.02	0.2	0.5	0.042	0.01	1.7	0.4	11.85	1390	0.35	0.02
RL51/456206		0.06	7.9	6.68	13.3	0.12	0.8	0.078	0.05	2.5	2.2	6.18	1975	0.38	0.12
RL52/456207		0.08	56.3	4.04	17.55	0.07	0.4	0.06	0.01	2.2	2.5	1.97	720	0.06	0.9
RL53/456208		0.19	459	12.7	5.05	0.22	0.2	0.072	0.01	0.6	1.5	14.95	1645	0.38	0.07
RL54/456209		0.09	374	17.55	3.33	0.35	0.1	0.088	<0.01	<0.5	1.1	14.15	1345	6.1	0.01
RL55/456210		0.19	643	16.55	3.96	0.41	0.1	0.071	<0.01	<0.5	0.6	13.85	1555	0.94	0.02
RL56/456211		0.45	98.8	9.63	6.8	0.22	0.3	0.044	0.01	0.6	1.5	15.7	1575	0.58	0.08
RL57/456212		0.26	15.6	8.73	5.95	0.35	0.2	0.026	0.01	0.8	3.7	18.3	1995	0.2	0.02
RL58/456213		<0.05	772	10.3	7.23	0.18	0.5	0.071	0.02	0.7	1.1	12.1	1345	1.62	0.1
RL59/456214		0.08	3.9	7.29	5.26	0.26	0.1	0.022	<0.01	<0.5	0.9	19.5	751	0.11	0.01
RL60/456215		0.11	20.4	7.95	4.49	0.3	0.1	0.021	0.01	<0.5	0.6	19.65	704	0.15	0.01
RL61/456216		0.08	3420	43.3	4.59	0.6	0.5	0.021	0.03	1.7	2.6	0.73	82	9.12	0.44
RL62/456217		0.15	9700	35.7	5.51	0.58	0.6	0.028	0.02	3.2	0.9	0.92	268	6.55	1.09
RL63/456218		0.12	4430	6.72	5.32	0.24	0.2	0.031	0.01	<0.5	0.6	20	783	0.18	0.01
RL64/456219		<0.05	1315	34.9	5.78	0.54	1.1	0.015	<0.01	0.6	0.6	1.34	565	14.85	1.52
RL65/456220		0.06	1500	40	5.07	0.66	0.8	0.085	0.02	5.2	0.5	0.72	171	22.3	0.66
RL66		0.83	38.9	6.98	19.05	0.17	1.3	0.08	0.91	12.2	17	4.04	1190	0.25	1.77
RL67/456221		<0.05	637	47.9	1.38	0.66	0.2	0.006	0.01	<0.5	0.7	0.39	104	4.21	0.42

***** Voir la page d'annexe pour les commentaires en ce qui concerne ce certificat *****



ALS Chemex

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Finalisée date: 23-OCT-2008

Compte: ROMICO

CERTIFICAT D'ANALYSE VO08131889

Description échantillon	Méthode élément unités L.D.	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
RL41/456189		19	270	0.9	6.3	<0.002	0.73	0.17	54.4	3	1.6	16.5	0.19	0.3	0.4	0.527
RL42/456190		431	110	30.8	0.2	0.031	>10.0	2.38	2.6	15	0.5	9.6	0.2	5.3	1.1	0.039
RL43/456191		61.4	540	17.7	47.6	0.027	4.83	1.72	10.1	6	1.8	4.5	0.85	0.65	4.2	0.314
RL44/456192		289	190	5.7	6.4	0.044	>10.0	0.42	6.5	9	0.4	5	1.28	1.27	6.4	0.161
RL45																
RL46/456201		121	290	5.1	12.5	0.023	>10.0	0.24	9.3	22	0.7	4.5	0.51	3.27	4	0.198
RL47/456202		235	480	8.7	1.9	0.053	>10.0	0.08	14.2	10	<0.2	60.1	1.99	0.56	6.9	0.442
RL48/456203		307	660	8.8	13	0.055	>10.0	0.07	12.7	14	1.1	51	3.83	0.53	13.5	0.316
RL49/456204		615	120	<0.5	0.2	<0.002	0.24	0.15	30	1	0.3	4.9	0.09	<0.05	0.2	0.245
RL50/456205		1630	130	1	0.4	0.013	1.22	0.09	47.2	3	0.2	3.4	0.1	0.11	0.2	0.29
RL51/456206		114	170	0.5	0.9	<0.002	0.06	0.11	46.1	2	0.7	399	0.13	<0.05	0.2	0.356
RL52/456207		21.3	160	0.6	0.4	<0.002	0.24	0.07	18.7	2	0.6	318	0.05	<0.05	<0.2	0.142
RL53/456208		627	60	7.8	0.5	0.005	3.07	0.46	18.5	5	0.4	2.5	<0.05	0.42	<0.2	0.112
RL54/456209		1385	40	19.2	0.2	0.013	8.6	0.19	13.1	7	0.7	1.3	<0.05	0.71	<0.2	0.085
RL55/456210		2510	50	14.7	0.2	0.015	6.9	0.67	16.3	7	0.4	1.2	<0.05	0.53	<0.2	0.101
RL56/456211		975	20	4.3	0.8	0.003	1.19	0.8	20.5	2	0.4	3.1	0.05	0.12	<0.2	0.185
RL57/456212		1430	70	1.4	0.6	0.002	0.31	0.6	19.4	2	0.2	1.6	0.05	0.14	<0.2	0.15
RL58/456213		654	100	1.7	0.4	0.01	4.17	0.13	27.2	4	0.4	4.4	0.07	0.14	<0.2	0.203
RL59/456214		1025	40	5.6	0.2	<0.002	0.11	<0.05	15.2	1	<0.2	3.4	<0.05	<0.05	<0.2	0.094
RL60/456215		1125	60	2.5	0.7	<0.002	0.19	<0.05	17.2	1	<0.2	3.3	<0.05	<0.05	<0.2	0.122
RL61/456216		531	110	14.2	0.4	0.042	>10.0	0.18	3.3	7	<0.2	8.4	0.25	4.43	0.9	0.045
RL62/456217		365	180	9.7	0.3	0.04	>10.0	0.11	6.1	25	<0.2	22.3	0.4	2.99	1.4	0.096
RL63/456218		962	70	0.9	0.5	<0.002	0.37	<0.05	14.7	4	<0.2	2.5	<0.05	0.09	<0.2	0.089
RL64/456219		250	180	12.1	0.1	0.023	>10.0	0.43	6.9	20	<0.2	8.9	0.47	3.92	2.1	0.128
RL65/456220		355	90	13.5	0.4	0.048	>10.0	0.65	5.5	23	0.2	106.5	0.39	3.42	1.7	0.086
RL66		101.5	460	4.8	20.7	<0.002	0.2	0.09	39.2	2	1.1	213	0.25	<0.05	1	0.518
RL67/456221		344	20	6.2	0.1	0.011	>10.0	0.18	1.4	21	<0.2	10.1	0.1	2.61	0.5	0.021

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VANCOUVER BC V6C 2W2Page: 3 - D
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CERTIFICAT D'ANALYSE VO08131889

Description échantillon	Méthode élément unités L.D.	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ti	U	V	W	Y	Zn
		ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.1	1	0.1	0.1	2
							0.5
RL41/456189		0.56	0.5	319	0.2	19.2	140
RL42/456190		0.09	5.3	53	0.2	3.3	12
RL43/456191		1.78	7.4	233	1	15.1	41
RL44/456192		0.2	10.9	160	0.4	11.8	48
RL45							89.3
RL46/456201		0.59	7.8	154	0.7	13.8	69
RL47/456202		0.11	20	217	0.9	20.1	21
RL48/456203		0.76	24.7	227	0.2	41.6	237
RL49/456204		<0.02	0.1	166	<0.1	9.5	75
RL50/456205		0.15	0.1	182	<0.1	6	68
							18.7
RL51/456206		0.02	0.1	236	<0.1	13.5	76
RL52/456207		0.05	0.2	176	<0.1	12.6	20
RL53/456208		0.03	<0.1	107	<0.1	3.2	172
RL54/456209		0.04	<0.1	86	<0.1	2.7	128
RL55/456210		0.09	<0.1	112	<0.1	2.3	121
							3.6
RL56/456211		0.05	<0.1	93	<0.1	4.7	110
RL57/456212		<0.02	<0.1	117	<0.1	4.5	273
RL58/456213		0.03	0.1	152	<0.1	7.3	114
RL59/456214		<0.02	<0.1	88	<0.1	2.9	71
RL60/456215		<0.02	<0.1	91	0.1	2.8	82
							3
RL61/456216		0.09	2.5	59	<0.1	2.5	8
RL62/456217		0.24	4.3	102	<0.1	5.2	41
RL63/456218		0.08	<0.1	73	<0.1	2.5	69
RL64/456219		0.04	2.9	115	0.1	2.5	13
RL65/456220		0.2	10.6	119	0.1	5.2	25
							30.3
RL66		0.13	0.2	218	0.2	25	79
RL67/456221		0.02	1.5	22	<0.1	1.2	7
							7.9

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CERTIFICAT D'ANALYSE VO08131889

Méthode	COMMENTAIRE DE CERTIFICAT
ME-MS61	Interférence: Ca>10% interfère sur l'arsenic par ICP-MS. Les résultats du ICP-AES sont reportés.
ME-MS61	L'analyse des terres rares peut être partiellement soluble avec cette méthode.

29.2 ALS Chemex, 33 Rock Samples, 26Nov08, Certificate #VO08145798 (6 pages)



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À: ROCKLAND MINERALS CORP.

200-375 WATER STREET

VANCOUVER BC V6B 5C6

Page: 1

Finalisée date: 26-NOV-2008

Compte: ROMICO

CERTIFICAT VO08145798

Projet: RETTY LAKE PROJECT

Bon de commande #:

Ce rapport s'applique aux 35 échantillons de roche soumis à notre laboratoire de Val d'Or, QC, Canada le 13-OCT-2008.

Les résultats sont transmis à:

ETIENNES FORBES
G. SANDERS

E. FORBES

GEORGE SANDERS

PRÉPARATION ÉCHANTILLONS

CODE ALS	DESCRIPTION
WEI-21	Poids échantillon reçu
LOG-22	Entrée échantillon - Reçu sans code barre
CRU-QC	Test concassage QC
PUL-QC	Test concassage QC
CRU-31	Granulation - 70 % <2 mm
SPL-21	Échant. fractionné - div. riffles
PUL-31	Pulvérisé à 85 % <75 um

PROCÉDURES ANALYTIQUES

CODE ALS	DESCRIPTION	
ME-MS61	ICP-MS 48 éléments, quatre acides	
PGM-ICP23	Pt, Pd et Au 30 g FA ICP	ICP-AES

À: ROCKLAND MINERALS CORP.
ATTN: ETIENNES FORBES
GEOFORBES SERVICES INC.
239, AVE JOLLIET
SEPT-ILES QC G4R 2A8

Ce rapport est final et remplace tout autre rapport préliminaire portant ce numéro de certificat. Les résultats s'appliquent aux échantillons soumis. Toutes les pages de ce rapport ont été vérifiées et approuvées avant publication.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



ALS Chemex

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CERTIFICAT D'ANALYSE VO08145798

Description échantillon	Méthode élément unités L.D.	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Poids reçu kg	Au ppm	Pt ppm	Pd ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
		0.02	0.001	0.005	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1
RL68		1.05	<0.001	0.045	0.099	0.26	2.51	0.9	10	0.15	0.09	2.89	0.07	3.74	147.5	828
RL69		1.71	0.021	0.043	0.199	0.51	3.11	1	<10	0.21	0.12	3.55	0.29	2.88	229	982
RL70		0.40	0.001	<0.005	0.004	0.08	0.56	1	10	0.16	0.06	0.2	0.05	13.7	9.6	39
RL71		0.69	0.008	0.043	0.150	0.29	2.52	1.2	<10	0.13	0.07	2.54	0.08	9.21	170.5	1305
RL72		0.66	0.012	0.045	0.156	0.22	2.87	0.3	<10	0.12	0.04	2.88	0.08	2.47	205	1185
RL73		0.80	<0.001	0.020	0.069	0.1	3.15	0.6	<10	0.13	0.05	3.68	0.03	3.59	109.5	1235
RL74		0.97	0.004	0.032	0.123	0.19	2.85	1.9	<10	0.1	0.05	3.05	0.1	4.21	133	1390
RL75		1.32	0.003	0.053	0.174	0.27	2.38	2.7	<10	0.15	0.17	2.68	0.08	2.59	180.5	1010
RL76		1.39	0.008	0.063	0.305	0.47	1.72	0.5	<10	0.09	0.07	1.62	0.41	2.03	340	1025
RL77		1.06	0.011	0.043	0.193	0.35	2.39	1.8	<10	0.18	0.09	2.42	0.15	2.99	206	1215
RL78		1.53	0.014	0.037	0.211	0.29	1.94	1.1	<10	0.09	0.08	2.16	0.07	3.35	269	1210
RL79		1.04	0.003	0.083	0.309	0.5	3.73	0.5	<10	0.1	0.13	4.06	0.12	5.95	237	945
RL80		1.05	0.020	0.051	0.183	0.28	2.65	1.6	<10	0.12	0.07	2.94	0.19	3.14	179.5	1110
RL81		1.22	0.024	0.079	0.295	0.5	3.15	1.3	<10	0.17	0.1	3.65	0.23	2.29	244	1005
RL82		0.68	<0.001	<0.005	0.003	0.04	8.07	<0.2	690	1.28	0.03	4.15	0.07	53.5	28.1	79
RL83		1.58	<0.001	0.047	0.150	0.28	2.42	0.2	<10	0.1	0.07	2.56	0.1	3.22	175.5	1320
RL84		1.13	0.100	<0.005	<0.001	0.28	3.18	1	10	0.1	0.07	3.73	0.14	2.32	224	963
RL85		0.91	0.007	0.044	0.177	0.26	3.94	1.2	<10	0.72	0.07	4.36	0.17	30.6	110	1025
RL86		0.93	<0.001	0.041	0.153	0.3	2.27	1	<10	0.11	0.16	2.52	0.09	1.68	231	1485
RL87		0.96	0.004	0.063	0.190	0.27	2.22	1.8	<10	0.07	0.17	2.26	0.11	2.26	205	1060
RL88		1.35	0.018	0.023	0.243	0.4	1.99	3.1	<10	<0.05	0.21	1.88	45.9	2.53	224	1050
RL89		0.79	0.002	0.022	0.095	0.1	4.8	3.8	10	1.53	0.04	4.61	0.09	10.1	42.7	1220
RL90		1.64	0.002	0.021	0.041	0.11	1.9	0.3	<10	0.06	0.01	1.55	0.02	2.11	211	1860
RL91		1.45	0.004	0.082	0.314	0.57	3.18	0.3	<10	0.24	0.13	3.42	0.41	24	227	806
RL92		0.83	<0.001	<0.005	0.003	0.09	8.25	<0.2	740	1.11	0.04	4.2	0.05	54.5	28.1	79
RL93		2.14	0.006	0.036	0.215	0.39	3.31	0.8	<10	0.15	0.07	3.78	0.17	3.16	211	1060
RL94		0.57	<0.001	0.013	0.040	0.18	3.03	0.2	10	0.3	0.06	4.2	0.02	2.19	156.5	1190
RL95		1.16	0.097	0.045	0.186	0.19	2.96	17.9	<10	0.07	0.05	2.54	0.06	1.96	179.5	1520
RL96		1.18	0.003	0.012	0.029	0.32	1.79	0.5	10	0.06	0.02	1.02	0.35	1.47	102	2470
RL97		1.08	0.005	<0.005	0.024	0.28	3.05	<0.2	<10	0.08	0.08	4.1	0.13	2.3	215	1150
RL98		0.85	0.007	0.037	0.165	0.36	2.4	2	<10	0.11	0.08	3.23	0.16	2.54	93.2	1490
RL99		0.59	0.010	0.042	0.215	0.33	2.06	0.6	<10	0.11	0.11	2.86	0.15	3.2	58.8	1580
RL100		0.66	0.009	0.061	0.295	0.59	2.69	1.6	<10	0.15	0.13	3.21	0.23	2.93	274	932
RL101		0.75	0.003	0.016	0.050	0.12	3.53	9.9	<10	0.13	0.02	4.73	0.53	1.43	116.5	1180
RL102		1.25	<0.001	0.102	0.222	0.22	2.74	1.5	<10	0.15	0.11	3.38	0.07	3.72	191	1240

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Nombre total de pages: 2 (A - D)
plus les pages d'annexe
Finalisée date: 26-NOV-2008
Compte: ROMICO

Projet: RETTY LAKE PROJECT

CERTIFICAT D'ANALYSE VO08145798

Description échantillon	Méthode élément unités L.D.	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm 0.05	ppm 0.2	% 0.01	ppm 0.05	ppm 0.05	ppm 0.1	ppm 0.005	% 0.01	ppm 0.5	ppm 0.2	% 0.01	ppm 5	ppm 0.05	% 0.01	ppm 0.1
RL68		0.14	1600	16.95	5.94	0.21	0.5	0.127	0.03	1.4	0.6	11.9	1165	4.41	0.04	4
RL69		0.06	2590	17.7	7.23	0.33	0.5	0.123	0.02	1.3	0.4	9.92	1345	3.67	0.06	1.3
RL70		0.19	77.7	1.02	1.44	<0.05	1.3	0.005	0.19	7.6	3.2	0.42	61	0.46	<0.01	0.8
RL71		0.12	1125	14.95	6.6	0.28	0.5	0.107	0.02	4.7	0.5	12.65	1085	3.55	0.04	1.2
RL72		0.14	1490	12.55	5.78	0.19	0.5	0.071	0.01	0.9	0.7	12.05	1030	1.75	<0.01	1.2
RL73		0.26	855	10.95	6.52	0.18	0.5	0.057	0.02	1.4	1.2	13.5	1090	0.59	0.08	1.1
RL74		0.13	967	12.35	6.16	0.17	0.6	0.082	0.02	1.8	0.6	13.35	1195	2.24	0.02	1.5
RL75		0.19	1960	16	5.46	0.22	0.4	0.146	0.02	0.9	0.6	10.95	1245	4.78	0.07	1
RL76		0.06	3370	23.9	4.1	0.32	0.3	0.086	0.01	0.7	0.4	10.95	859	5.22	<0.01	0.9
RL77		0.08	2300	18.05	5.04	0.24	0.3	0.128	0.02	1.2	0.5	11.8	987	3.69	0.04	1.1
RL78		0.09	2040	20.1	4.3	0.27	0.5	0.08	0.01	1.2	0.5	11.65	978	4.21	0.01	1.5
RL79		<0.05	2100	15.85	7.44	0.23	0.7	0.072	0.01	2.7	2.1	9.87	1755	2.04	<0.01	1.6
RL80		0.12	1890	16.7	5.53	0.24	0.5	0.132	0.02	1.2	0.8	11.75	1010	2.72	0.07	1.2
RL81		<0.05	2410	13.8	7.52	0.31	0.7	0.151	0.01	0.8	0.3	11.1	1275	2.48	0.06	1.6
RL82		1.85	49.4	5.74	22.6	0.16	1.4	0.058	1.59	24.6	16.5	2	813	0.31	2.15	8.2
RL83		0.1	1405	17.45	5.33	0.25	0.4	0.107	0.02	1.3	0.7	12.8	1155	2.56	0.03	1.2
RL84		0.05	2250	14.5	6.84	0.28	0.5	0.105	0.02	0.9	0.4	10.85	1075	1.92	0.07	1.5
RL85		<0.05	989	13.25	9.07	0.28	0.7	0.148	0.02	21.8	0.6	10.55	2300	1.5	0.04	2.3
RL86		0.18	1420	15.2	5.49	0.35	0.2	0.117	0.01	0.6	0.9	12.4	791	0.28	<0.01	0.9
RL87		0.15	2120	19.75	4.81	0.24	0.4	0.127	0.01	0.9	0.6	10.5	1070	4.42	0.01	1
RL88		0.12	3110	22.7	4.93	0.28	0.3	0.127	0.02	1.1	0.8	9.51	1130	7.99	0.08	0.8
RL89		0.19	171	11.8	14.15	0.27	0.9	0.07	0.05	4.9	43.2	10.75	2190	1.02	0.16	3.8
RL90		0.12	731	16.4	4.94	0.35	0.2	0.039	0.01	0.8	0.5	14.4	1060	0.35	0.03	0.8
RL91		<0.05	2570	18.15	6.65	0.33	0.7	0.134	0.02	15.6	0.4	9.07	1665	3.29	0.06	1.4
RL92		2.05	37.3	6	23	0.18	1.6	0.056	1.8	24.1	18.1	2.17	850	0.28	2.21	9.3
RL93		<0.05	2000	16.45	7.01	0.31	0.9	0.099	0.02	1.3	0.4	11.15	1420	6.14	0.08	1.6
RL94		0.13	589	12.8	7.04	0.23	0.6	0.033	0.02	1.1	0.9	12.1	1090	0.9	0.05	2.9
RL95		0.15	1165	10.95	6.82	0.25	0.5	0.067	0.02	0.7	0.8	13.55	725	1	0.08	1.3
RL96		0.13	306	10.1	4.12	0.19	0.2	0.022	0.02	0.6	1.9	18.85	1455	0.21	<0.01	0.7
RL97		<0.05	1515	13.25	7.87	0.24	1	0.03	0.01	0.9	0.4	12.2	1365	1.33	0.02	2
RL98		0.08	1920	15.15	6.11	0.24	0.5	0.143	0.03	1	0.3	10.9	1185	3.2	0.12	1.3
RL99		0.09	1630	17.6	5.75	0.27	0.7	0.112	0.03	1.3	0.3	10.7	1075	6.44	0.08	1.7
RL100		<0.05	2900	18.8	5.92	0.32	0.5	0.109	0.02	1.3	0.3	9.28	1235	3.37	0.05	1.4
RL101		<0.05	674	10.1	8.45	0.19	0.9	0.044	0.01	0.6	1	13.2	1315	0.99	0.01	2.2
RL102		0.14	870	14.3	6.46	0.28	0.5	0.103	0.04	1.7	0.7	12.5	978	0.76	0.16	1.3

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CERTIFICAT D'ANALYSE VO08145798

Description échantillon	Méthode élément unités L.D.	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2
RL68		1015	110	3.3	0.9	0.022	7.46	0.19	19.4	6	1.4	10.3	0.08	0.24	0.2
RL69		1825	90	2.2	0.4	0.03	6.99	0.24	24.3	7	0.9	4.4	0.07	0.36	<0.2
RL70		61.5	30	3.4	9	<0.002	0.45	0.12	1.1	2	0.2	19.5	0.12	<0.05	3.4
RL71		1340	100	3.6	0.5	0.018	5.19	0.36	21.5	5	1	3.5	0.07	0.24	<0.2
RL72		1540	120	3.3	0.5	0.011	5.26	0.37	18.6	4	0.5	2.2	0.07	0.15	<0.2
RL73		829	120	1.8	1.2	0.006	2.3	0.25	22.3	2	0.5	4.2	0.07	0.08	<0.2
RL74		1125	120	2.5	0.7	0.013	3.74	0.27	19.6	3	0.7	3.5	0.09	0.13	0.2
RL75		1365	90	2.8	0.6	0.014	8.56	0.31	17.2	6	1.5	4.1	0.05	0.21	<0.2
RL76		2290	60	4.4	0.4	0.054	8.84	0.29	15	8	0.3	2.3	<0.05	0.37	<0.2
RL77		1640	80	3.3	0.4	0.027	7.83	0.28	17.5	6	1	3.1	0.05	0.25	<0.2
RL78		2030	110	4.8	0.4	0.034	7.52	0.4	14.2	5	0.6	2	0.09	0.23	0.2
RL79		1655	150	1.5	0.3	0.018	7.84	0.13	24.2	7	1.5	3.1	0.1	0.43	0.2
RL80		1525	120	3	0.4	0.015	5.36	0.44	18.8	5	1.2	3.7	0.07	0.23	<0.2
RL81		1985	120	2	0.3	0.023	7.93	0.21	23.9	8	1.1	6.4	0.09	0.45	<0.2
RL82		59.5	810	8.8	67	0.002	0.14	0.05	25.2	2	1.1	381	0.33	0.05	9.2
RL83		1560	100	2.8	0.4	0.017	5.88	0.22	17.7	5	0.9	4.3	0.07	0.2	0.2
RL84		1800	110	3.4	0.5	0.025	7.44	0.22	22.2	6	0.6	4.5	0.08	0.25	0.2
RL85		721	140	1.2	0.4	0.009	2.56	0.12	29.6	4	1.4	5.6	0.11	0.28	0.4
RL86		1720	80	5.7	0.4	0.021	6.63	0.93	21.8	5	0.6	4.5	0.05	0.28	<0.2
RL87		1530	80	4.4	0.5	0.017	8.56	0.51	15.7	7	0.9	1.5	0.05	0.32	<0.2
RL88		1810	70	5.3	0.6	0.025	>10.0	0.69	14.6	7	1.7	2.1	<0.05	0.36	<0.2
RL89		828	150	1.1	2	0.006	2.55	0.21	32.9	3	0.7	7.1	0.19	0.25	0.5
RL90		1700	30	2.7	0.7	0.007	5.2	0.18	18.3	5	0.2	2.2	0.05	0.45	<0.2
RL91		1740	110	1.7	0.3	0.02	7.67	0.14	22.4	7	1.2	6.4	0.12	0.39	0.2
RL92		50.3	790	8.8	76.1	<0.002	0.08	0.06	27.5	2	1.1	375	0.43	<0.05	11
RL93		1680	100	1.8	0.6	0.027	6.13	0.16	21.4	5	0.7	4.7	0.13	0.25	0.6
RL94		894	100	1.8	0.5	0.008	5.08	0.12	21.7	3	0.2	4.5	0.1	0.17	<0.2
RL95		1515	90	2.1	0.6	0.01	2.89	0.68	23.3	4	0.5	2.6	0.11	0.24	<0.2
RL96		858	70	11.3	0.7	<0.002	0.19	2.51	15.2	1	0.2	1.7	0.08	<0.05	<0.2
RL97		903	160	1.4	0.1	0.034	3.7	0.1	24.8	3	0.2	7.2	0.14	0.12	0.2
RL98		282	90	2.7	0.4	0.02	1.81	0.3	20.2	5	1.5	5.2	0.09	0.26	<0.2
RL99		310	130	3.5	0.4	0.022	2.83	0.29	18	5	1.2	3	0.11	0.29	0.2
RL100		1880	80	2.2	0.2	0.033	9.31	0.22	19.4	8	0.9	5.5	0.08	0.5	<0.2
RL101		647	110	0.8	0.2	0.005	2.52	0.08	25.9	2	<0.2	2.7	0.14	0.1	0.2
RL102		1560	120	3.3	0.7	0.017	5.61	0.6	20	5	0.9	4.8	0.09	0.34	<0.2

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Projet: RETTY LAKE PROJECT

CERTIFICAT D'ANALYSE VO08145798

Description échantillon	Méthode élément unités L.D.	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ti ppm 0.02	U ppm 0.1	V ppm 1	W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5
RL68		0.05	1.6	155	0.2	5.6	69	18.2
RL69		0.05	0.2	154	0.1	6.1	102	18
RL70		0.03	1.4	7	0.1	3	18	37.6
RL71		0.08	0.2	133	0.1	7.3	82	16.7
RL72		0.09	0.3	128	0.1	4.5	71	16.4
RL73		0.06	0.2	134	0.1	7.3	76	17
RL74		0.05	0.4	120	0.1	7.2	105	19
RL75		0.04	0.1	131	0.1	5.6	75	13.7
RL76		0.04	0.1	110	0.1	5.1	62	9.2
RL77		0.05	0.2	134	0.1	5.3	74	11.3
RL78		0.06	0.3	121	0.1	6.5	64	18
RL79		0.02	0.2	166	0.1	12	127	22.4
RL80		0.09	0.1	139	0.1	6.2	87	16.8
RL81		0.04	0.1	157	0.1	6.2	87	23.6
RL82		0.39	0.2	165	0.1	19.7	77	44.4
RL83		0.04	0.2	132	0.1	5.2	78	13.6
RL84		0.05	0.2	144	0.1	5.5	63	18
RL85		0.02	0.4	177	0.1	5.8	147	24.1
RL86		0.07	<0.1	115	0.2	4.7	67	6.8
RL87		0.04	0.6	128	0.1	4.6	79	12.8
RL88		0.05	0.2	122	0.1	4.6	96	10
RL89		0.06	0.9	177	0.3	16.7	150	29.7
RL90		0.08	<0.1	122	0.1	6.3	77	7.4
RL91		0.02	0.1	134	0.1	5	130	19.2
RL92		0.44	0.2	166	0.2	21.5	74	40.4
RL93		0.02	0.2	179	0.1	5.5	102	24.2
RL94		0.03	0.2	142	0.1	4.9	52	16.7
RL95		0.04	0.1	134	0.1	4.6	58	13.8
RL96		0.03	<0.1	81	0.7	3.5	139	2.1
RL97		<0.02	0.2	164	0.1	7.1	65	27.8
RL98		0.04	0.1	138	0.1	5	93	14.9
RL99		0.03	0.2	147	0.1	5.7	85	18.8
RL100		0.03	0.2	115	<0.1	4	97	12.9
RL101		<0.02	0.1	148	0.1	4.7	71	22.6
RL102		0.09	0.1	126	0.1	5.9	62	14

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Compte: ROMICO

Projet: RETTY LAKE PROJECT

CERTIFICAT D'ANALYSE VO08145798

Méthode	COMMENTAIRE DE CERTIFICAT
ME-MS61	L'analyse des terres rares peut être partiellement soluble avec cette méthode.

29.3 ACME Labs, 294 Soil Samples, 28Oct08, Certificate #VAN08010300 (37 pages)

Client: **Rockland Minerals Corp.**
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Submitted By: George Sanders
 Receiving Lab: Canada-Vancouver
 Received: October 16, 2008
 Report Date: October 28, 2008
 Page: 1 of 11

CERTIFICATE OF ANALYSIS

VAN08010300.1

CLIENT JOB INFORMATION

Project: RETTY LAKE
 Shipment ID:
 P.O. Number
 Number of Samples: 294

SAMPLE DISPOSAL

RTRN-PLP Return
 RTRN-RJT Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	294	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	294	Dry at 60C		
RJSV	294	Save all or part of soil reject fraction		
RJSV	294	Saving all or part of Soil Reject		
1F	294	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed
DIS-RJT	294	Warehouse handling / Disposition of reject		

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Rockland Minerals Corp.
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1
 Canada

CC: Etienne Forbes



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
 All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
 *** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
1	Soil	1.08	80.72	7.59	58.6	159	194.8	37.4	716	6.14	9.8	0.6	2.2	1.0	5.3	0.17	0.22	0.11	89	0.17	0.030
2	Soil	0.50	48.11	7.62	39.2	227	92.6	13.4	285	3.63	6.1	0.5	1.2	0.9	4.2	0.16	0.16	0.17	75	0.13	0.025
3	Soil	0.80	63.88	11.21	75.7	97	265.7	67.1	1442	8.27	11.7	0.3	0.9	0.7	6.2	0.28	0.23	0.10	99	0.20	0.051
4	Soil	0.60	25.09	7.91	29.9	57	82.6	14.5	310	4.55	7.0	0.2	0.5	0.9	3.2	0.08	0.15	0.11	120	0.11	0.017
5	Soil	0.08	63.18	8.32	54.6	96	256.1	40.4	536	3.95	1.6	0.3	<0.2	1.0	9.7	0.63	0.06	0.06	23	0.17	0.035
6	Soil	<0.01	21.62	2.42	12.2	25	17.4	4.0	45	2.04	1.9	0.3	<0.2	2.9	0.5	0.01	0.18	0.15	14	<0.01	0.009
7	Soil	0.29	132.6	5.33	56.7	27	551.4	114.6	2130	10.27	152.2	<0.1	0.6	0.1	1.8	0.18	0.13	0.12	83	0.11	0.037
8	Soil	0.22	5.06	3.80	16.6	19	9.1	1.5	46	2.28	13.2	0.2	<0.2	1.2	0.8	0.12	0.18	0.06	17	<0.01	0.030
9	Soil	0.07	5.26	1.15	9.1	30	13.2	1.9	90	1.51	14.2	0.3	<0.2	2.1	<0.5	0.06	0.18	0.03	11	<0.01	0.008
10	Soil	0.20	9.76	7.26	22.0	30	26.9	4.5	148	2.24	5.9	0.3	<0.2	2.6	1.0	0.04	0.16	0.10	48	0.02	0.010
11	Soil	0.17	66.65	7.29	44.0	181	72.7	14.1	254	2.52	11.5	0.5	0.3	3.7	1.3	0.07	0.24	0.07	73	0.04	0.012
12	Soil	1.32	115.3	7.69	72.4	34	125.9	24.6	421	7.21	12.8	0.5	1.1	1.1	3.2	0.24	0.31	0.13	95	0.10	0.042
13	Soil	1.06	91.68	9.31	54.9	15	186.1	46.3	637	5.59	22.6	0.7	3.6	2.1	3.4	0.19	0.50	0.13	62	0.12	0.018
14	Soil	0.06	30.63	8.45	20.5	32	13.2	3.9	115	1.83	4.6	<0.1	<0.2	0.3	7.2	0.06	0.55	0.08	163	0.12	0.009
15	Soil	0.31	79.88	288.7	176.1	135	473.2	110.8	1800	6.45	76.2	0.2	1.1	0.7	4.0	0.19	1.23	0.65	119	0.27	0.040
16	Soil	1.55	174.8	22.24	90.8	170	370.9	63.7	1179	8.51	24.2	0.8	2.2	1.0	7.1	0.45	1.13	0.23	127	0.21	0.078
17	Soil	1.76	99.73	14.07	55.3	36	209.2	33.5	590	6.68	19.1	0.8	1.8	1.9	4.5	0.34	1.46	0.14	68	0.16	0.023
18	Soil	1.82	124.0	22.05	72.9	32	181.0	39.8	707	10.19	16.3	0.7	1.2	1.6	4.8	0.22	0.36	0.22	119	0.14	0.038
19	Soil	0.36	33.42	158.9	55.6	88	308.9	49.2	785	10.55	4.4	0.2	1.1	0.4	5.5	0.20	2.70	0.18	149	0.17	0.065
20	Soil	1.63	379.5	112.3	66.7	64	309.1	50.8	657	7.36	14.5	0.8	1.5	1.8	3.6	0.60	0.64	0.14	79	0.13	0.030
21	Soil	1.08	63.37	7.45	64.8	65	94.8	16.1	393	7.28	8.3	0.4	0.7	1.0	3.1	0.14	0.28	0.11	134	0.10	0.037
22	Soil	1.15	134.1	14.41	49.8	18	189.7	34.6	497	6.75	10.8	0.5	8.5	1.5	4.2	0.25	0.48	0.09	83	0.13	0.026
23	Soil	1.41	102.4	11.73	60.8	39	128.0	26.4	503	7.50	12.3	0.6	0.9	1.4	4.5	0.25	0.30	0.09	99	0.15	0.029
24	Soil	1.24	162.5	11.53	74.3	33	293.4	61.7	836	7.75	14.4	0.6	1.1	1.5	4.7	0.34	0.42	0.12	92	0.17	0.030
25	Soil	1.11	281.4	21.10	58.0	39	296.4	46.1	548	6.60	11.1	0.7	2.3	2.0	4.3	0.31	0.59	0.12	75	0.13	0.021
26	Soil	1.18	79.94	9.20	51.1	48	101.8	20.7	432	7.60	10.5	0.5	1.4	1.5	5.2	0.18	0.26	0.11	132	0.18	0.029
27	Soil	1.86	240.8	20.68	66.1	30	265.6	44.7	702	8.34	15.5	1.2	7.5	2.4	5.0	0.32	0.38	0.13	90	0.18	0.027
28	Soil	1.19	100.2	10.32	63.1	32	118.8	22.8	470	7.66	13.4	0.6	4.2	1.8	3.9	0.11	0.43	0.15	87	0.12	0.021
29	Soil	1.17	134.4	11.32	58.4	20	162.5	30.8	477	5.86	12.5	0.6	1.1	2.4	2.6	0.21	0.63	0.15	63	0.09	0.019
30	Soil	1.29	253.9	16.92	47.6	584	345.0	61.6	778	6.32	10.5	1.1	2.3	0.5	5.2	0.50	3.89	0.14	80	0.20	0.094

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval, preliminary reports are unsigned and should be used for reference only.

Client: Rockland Minerals Corp.
800 - 885 W. Georgia Street
Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
Report Date: October 28, 2008

Page: 2 of 11 **Part** 2

CERTIFICATE OF ANALYSIS

VAN08010300.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
1	Soil		4.6	250.5	1.84	25.0	0.152	<20	1.83	0.006	0.05	<0.1	4.6	0.15	0.03	60	0.4	0.05	5.9	0.92	<0.1	0.07
2	Soil		3.9	175.0	1.18	44.6	0.099	<20	1.65	0.007	0.06	<0.1	3.2	0.10	0.02	36	0.3	0.03	7.7	1.23	<0.1	0.06
3	Soil		3.1	508.0	3.12	32.7	0.127	<20	1.73	0.021	0.07	<0.1	4.7	0.07	0.05	71	0.7	0.03	5.7	0.98	<0.1	0.05
4	Soil		2.1	248.3	1.16	16.5	0.277	<20	1.29	0.006	0.03	<0.1	2.3	0.02	<0.02	27	0.3	0.05	7.2	0.53	<0.1	0.07
5	Soil		3.7	211.0	2.34	61.6	0.032	<20	0.78	0.013	0.02	<0.1	3.2	<0.02	0.05	55	0.4	0.05	1.9	0.15	<0.1	<0.02
6	Soil		3.2	24.9	0.37	12.0	0.147	<20	0.67	0.004	0.24	<0.1	1.1	0.16	<0.02	9	0.3	<0.02	3.4	1.54	<0.1	0.15
7	Soil		2.7	459.0	1.61	8.0	0.233	<20	1.53	0.002	<0.01	<0.1	11.3	0.03	0.03	48	0.9	0.14	3.6	0.08	0.1	0.04
8	Soil		3.8	15.9	0.09	18.1	0.020	<20	0.67	0.004	0.08	<0.1	0.9	0.03	<0.02	23	0.1	<0.02	4.0	0.49	<0.1	<0.02
9	Soil		1.3	12.0	0.19	17.0	0.100	<20	0.78	0.003	0.25	<0.1	0.7	0.16	<0.02	10	0.2	0.02	3.4	1.44	<0.1	0.09
10	Soil		1.9	76.2	0.32	37.4	0.097	<20	1.40	0.003	0.18	<0.1	1.9	0.17	<0.02	11	0.1	0.03	9.8	1.32	<0.1	0.08
11	Soil		7.5	146.3	1.03	13.6	0.145	<20	1.53	0.003	0.03	<0.1	5.4	<0.02	<0.02	20	0.1	0.05	6.4	0.41	<0.1	0.15
12	Soil		3.1	246.5	1.11	18.4	0.185	<20	1.77	0.005	0.03	<0.1	3.5	0.09	0.03	101	0.6	0.09	5.1	0.52	<0.1	0.09
13	Soil		7.6	226.3	1.40	14.6	0.122	<20	1.43	0.003	0.04	<0.1	3.9	0.10	<0.02	26	0.5	0.08	3.5	0.39	<0.1	0.09
14	Soil		1.2	33.4	0.28	17.4	0.341	<20	0.50	0.005	0.04	<0.1	3.5	<0.02	<0.02	15	0.1	0.03	4.2	0.74	<0.1	0.07
15	Soil		6.1	985.4	4.50	21.0	0.126	<20	3.97	0.007	0.07	<0.1	7.3	0.23	<0.02	98	0.4	0.13	7.7	1.76	<0.1	0.07
16	Soil		10.5	714.9	2.00	45.3	0.087	<20	2.75	0.006	0.05	<0.1	7.4	0.13	0.06	115	0.8	0.15	7.6	1.27	<0.1	0.03
17	Soil		7.9	219.5	1.32	10.0	0.121	<20	1.27	0.004	0.04	<0.1	4.4	0.07	<0.02	55	0.9	0.07	3.5	0.35	0.1	0.10
18	Soil		4.1	398.3	1.90	23.8	0.158	<20	2.98	0.004	0.04	<0.1	5.1	0.17	0.02	28	0.8	0.13	7.4	0.89	<0.1	0.08
19	Soil		3.2	478.5	3.68	9.7	0.030	<20	1.79	0.003	0.02	0.1	5.0	<0.02	0.04	37	0.5	0.08	9.7	0.43	<0.1	<0.02
20	Soil		6.2	275.4	1.51	17.8	0.117	<20	1.70	0.003	0.04	<0.1	4.7	0.15	<0.02	31	0.9	0.09	4.3	0.68	<0.1	0.06
21	Soil		2.9	234.5	1.05	10.8	0.274	<20	1.65	0.003	0.03	<0.1	2.9	0.05	0.03	50	0.5	0.04	7.3	0.59	<0.1	0.06
22	Soil		4.6	224.3	1.23	11.4	0.140	<20	1.43	0.003	0.03	<0.1	3.5	0.07	<0.02	15	0.6	0.11	4.2	0.42	<0.1	0.03
23	Soil		3.8	240.9	1.13	10.9	0.193	<20	1.65	0.004	0.03	<0.1	3.6	0.09	<0.02	17	0.7	0.09	5.5	0.51	<0.1	0.09
24	Soil		4.5	312.8	1.73	22.5	0.152	<20	2.16	0.005	0.04	<0.1	4.5	0.14	<0.02	31	0.7	0.12	5.6	0.91	<0.1	0.08
25	Soil		6.2	254.0	1.47	14.2	0.131	<20	1.60	0.004	0.04	<0.1	3.9	0.12	<0.02	15	0.5	0.11	4.4	0.54	<0.1	0.07
26	Soil		4.3	234.0	1.16	16.2	0.284	<20	1.89	0.004	0.04	<0.1	3.8	0.07	0.02	39	0.8	0.07	7.5	0.61	<0.1	0.10
27	Soil		7.9	292.4	1.59	19.4	0.156	<20	2.11	0.004	0.06	<0.1	5.6	0.21	<0.02	50	1.0	0.12	5.3	0.83	<0.1	0.18
28	Soil		4.5	262.0	1.25	19.4	0.123	<20	2.15	0.004	0.04	<0.1	4.1	0.12	<0.02	16	0.6	0.08	5.8	0.80	<0.1	0.12
29	Soil		6.1	198.7	1.10	12.9	0.107	<20	1.39	0.002	0.04	<0.1	3.3	0.09	<0.02	10	0.5	0.10	3.7	0.41	<0.1	0.09
30	Soil		13.1	360.3	1.15	37.5	0.082	<20	1.85	0.006	0.04	<0.1	7.0	0.15	0.23	245	1.6	0.06	4.8	1.03	<0.1	0.03

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval, preliminary reports are unsigned and should be used for reference only.

CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1	Soil	1.01	5.9	0.3	<0.05	2.9	2.37	11.3	0.02	1	0.2	8.1	<10	<2
2	Soil	1.33	10.4	0.4	<0.05	2.7	1.80	6.8	<0.02	<1	0.1	7.6	<10	<2
3	Soil	1.17	8.1	0.4	<0.05	1.9	1.72	6.0	<0.02	<1	0.2	5.5	12	2
4	Soil	0.96	5.4	0.5	<0.05	3.2	1.03	4.3	<0.02	1	<0.1	4.4	13	<2
5	Soil	0.45	1.2	0.2	<0.05	0.5	2.02	7.0	0.02	<1	<0.1	0.5	<10	7
6	Soil	1.05	20.3	<0.1	<0.05	6.0	0.91	6.1	<0.02	2	<0.1	3.7	<10	<2
7	Soil	0.33	0.6	0.3	<0.05	1.1	8.60	6.3	0.03	1	0.2	12.6	19	8
8	Soil	0.45	7.2	0.4	<0.05	0.9	0.93	7.4	<0.02	<1	<0.1	1.8	<10	<2
9	Soil	0.44	25.2	0.2	<0.05	4.7	0.91	2.5	<0.02	<1	<0.1	2.8	<10	<2
10	Soil	0.62	21.6	0.8	<0.05	4.2	1.22	3.8	<0.02	<1	0.1	3.9	<10	<2
11	Soil	0.89	4.0	0.4	<0.05	7.0	2.08	14.5	<0.02	<1	0.1	9.1	<10	4
12	Soil	1.64	4.1	0.4	<0.05	5.1	1.80	8.0	0.02	<1	0.2	8.1	11	<2
13	Soil	0.19	5.1	0.2	<0.05	4.8	3.13	18.0	<0.02	<1	<0.1	7.5	<10	5
14	Soil	0.25	4.5	0.6	<0.05	3.0	1.22	2.4	<0.02	<1	<0.1	2.2	<10	10
15	Soil	0.14	10.9	0.3	<0.05	3.3	5.66	21.1	0.04	<1	0.4	39.5	<10	16
16	Soil	1.74	10.9	0.7	<0.05	2.0	6.11	19.1	0.05	<1	0.3	10.4	<10	3
17	Soil	0.18	3.9	0.3	<0.05	6.0	3.97	15.8	0.03	<1	0.1	6.4	<10	5
18	Soil	0.71	6.1	0.6	<0.05	4.6	2.42	8.4	0.03	<1	0.3	17.5	<10	3
19	Soil	0.46	2.4	0.7	<0.05	0.1	1.64	6.4	0.04	<1	0.1	5.1	<10	6
20	Soil	0.48	6.7	0.3	<0.05	3.4	3.37	14.7	0.03	<1	0.1	9.1	<10	3
21	Soil	1.28	4.1	0.5	<0.05	3.1	1.73	6.4	0.02	2	<0.1	7.0	<10	<2
22	Soil	0.40	4.0	0.4	<0.05	2.7	2.28	9.7	0.02	<1	0.3	7.0	<10	11
23	Soil	0.51	4.5	0.3	<0.05	4.4	2.16	8.9	0.03	<1	0.2	7.8	<10	3
24	Soil	0.46	7.0	0.4	<0.05	4.5	2.91	10.8	0.03	<1	0.3	11.3	<10	4
25	Soil	0.31	5.5	0.3	<0.05	4.2	2.82	12.9	0.03	<1	0.2	9.0	<10	5
26	Soil	1.08	4.6	0.5	<0.05	4.3	2.18	9.7	<0.02	<1	0.2	8.5	<10	3
27	Soil	0.22	8.2	0.3	<0.05	8.7	3.79	19.5	0.03	<1	0.2	10.2	<10	6
28	Soil	0.30	5.8	0.4	<0.05	6.1	2.10	8.8	0.03	<1	0.2	10.5	<10	10
29	Soil	0.20	4.5	0.3	<0.05	5.1	2.39	12.7	0.02	<1	0.3	7.7	19	2
30	Soil	2.22	6.1	0.4	<0.05	1.8	8.58	24.1	0.03	2	0.1	5.7	16	<2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval, preliminary reports are unsigned and should be used for reference only.

Client: **Rockland Minerals Corp.**
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
 Report Date: October 28, 2008

Page: 3 of 11 Part 1

CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
31	Soil	1.90	243.4	27.29	96.6	165	511.6	87.2	1091	11.59	31.5	1.0	1.4	2.0	6.3	0.36	3.71	0.31	170	0.10
32	Soil	0.37	39.19	22.87	24.3	165	255.6	27.7	282	7.22	15.8	0.3	2.1	<0.1	5.0	0.55	5.35	0.09	119	0.14
34	Soil	1.15	150.6	44.70	61.5	285	290.0	39.0	1082	7.80	10.9	0.6	0.4	0.8	5.8	0.49	0.66	0.20	104	0.17
35	Soil	0.77	107.7	9.40	57.7	21	139.2	34.3	577	5.03	8.9	0.6	1.9	2.2	4.7	0.15	0.50	0.10	66	0.14
36	Soil	0.57	209.3	23.14	64.1	47	190.5	41.1	621	4.97	8.5	0.3	0.8	1.2	5.4	0.33	0.37	0.09	72	0.14
37	Soil	0.29	75.14	8.47	99.0	20	166.8	48.5	702	5.50	4.7	0.2	<0.2	0.4	3.5	0.14	0.22	0.04	89	0.13
38	Soil	2.12	159.7	12.71	83.2	26	205.7	43.0	647	8.86	17.5	0.9	1.5	1.9	3.0	0.29	0.40	0.21	97	0.08
39	Soil	0.24	22.86	10.32	81.9	30	123.4	26.1	651	6.87	3.7	0.3	0.9	2.3	1.7	0.21	0.21	0.06	84	0.05
40	Soil	0.96	62.03	16.50	59.7	42	257.3	41.5	672	10.58	11.9	0.4	0.9	1.1	2.6	0.10	0.29	0.08	144	0.07
41	Soil	0.52	58.40	27.63	90.9	42	268.6	79.6	1992	9.56	8.3	0.3	0.2	0.8	2.8	0.23	0.34	0.10	105	0.09
42	Soil	1.36	274.6	55.00	75.9	199	468.7	131.3	2815	7.87	18.2	1.5	0.9	1.1	11.3	0.83	0.67	0.22	104	0.40
43	Soil	3.54	128.2	33.74	53.7	70	274.7	76.1	1787	7.23	9.6	1.8	1.9	2.3	6.1	0.23	0.28	0.17	155	0.13
44	Soil	1.13	78.31	15.05	79.6	53	184.6	72.6	1160	7.65	7.1	0.6	<0.2	2.2	3.1	0.16	0.22	0.15	117	0.09
45	Soil	0.75	31.82	34.06	35.5	60	100.9	20.2	416	4.45	3.9	1.1	<0.2	3.6	1.9	0.10	0.25	0.22	86	0.06
46	Soil	1.16	128.1	22.03	62.9	197	316.1	65.1	1147	9.05	16.4	0.7	0.8	2.3	4.4	0.27	0.50	0.19	108	0.15
47	Soil	1.03	86.97	13.79	69.8	147	450.2	85.6	1394	9.39	13.8	0.5	1.2	1.4	3.7	0.40	0.40	0.13	81	0.13
48	Soil	1.09	103.0	13.90	86.0	110	314.1	61.0	1174	7.67	18.5	0.7	1.0	1.5	3.5	0.31	0.63	0.16	74	0.14
49	Soil	2.26	127.6	7.69	64.6	236	132.4	19.3	470	10.05	16.2	0.8	1.5	1.8	2.3	0.12	0.32	0.17	101	0.06
50	Soil	2.22	136.5	7.78	67.5	176	100.0	19.6	475	9.47	16.6	1.0	6.8	1.9	2.5	0.12	0.30	0.14	98	0.07
51	Soil	1.01	356.0	19.90	79.4	179	383.6	49.2	857	6.13	17.5	0.8	1.7	2.2	3.3	0.20	0.76	0.27	102	0.14
52	Soil	1.53	449.2	24.85	91.2	207	516.2	79.6	1488	7.20	43.2	2.0	4.3	2.1	6.5	0.31	1.14	0.66	106	0.25
54	Soil	0.31	18.10	2.80	22.0	29	33.6	7.4	135	3.17	2.3	0.5	0.3	2.6	2.0	0.04	0.12	0.11	49	0.03
55	Soil	1.00	54.78	7.62	46.4	85	122.8	20.7	336	5.26	8.5	0.4	4.4	1.1	3.6	0.18	0.18	0.12	101	0.09
56	Soil	0.06	5.47	2.40	12.4	35	29.3	5.2	87	1.60	2.3	<0.1	<0.2	1.8	0.9	0.03	0.07	0.06	15	0.01
57	Soil	0.16	8.02	5.70	7.6	<2	14.1	2.0	50	1.13	1.4	0.2	0.5	1.6	1.1	0.02	0.13	0.29	63	0.03
58	Soil	0.12	28.25	2.83	25.1	13	41.1	3.3	111	1.25	8.2	0.2	0.3	1.1	2.2	0.14	0.28	0.08	10	0.06
59	Soil	0.54	114.8	7.06	56.5	52	195.3	35.5	598	4.03	7.0	0.4	0.6	2.1	4.5	0.36	0.27	0.10	43	0.15
60	Soil	0.58	174.3	15.09	49.0	70	270.8	38.0	619	4.21	9.7	0.6	1.1	1.8	4.0	0.16	0.44	0.13	47	0.14
61	Soil	0.92	381.0	54.92	104.1	591	654.4	73.3	1138	6.59	34.2	0.9	6.3	2.1	11.2	0.39	1.05	0.23	104	0.51
62	Soil	0.61	52.88	13.60	70.3	42	243.9	38.0	567	6.23	15.1	0.2	0.3	1.2	2.7	0.07	0.61	0.10	109	0.11

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
31	Soil	10.3	559.0	1.40	39.4	0.135	<20	3.07	0.004	0.07	<0.1	8.8	0.18	0.06	52	0.8	0.08	10.5	1.83	<0.1	0.05
32	Soil	2.9	500.6	1.31	33.4	0.011	<20	1.13	0.005	0.02	0.2	2.7	<0.02	0.13	138	0.8	0.08	5.7	0.28	<0.1	<0.02
34	Soil	6.8	564.3	1.73	37.4	0.107	<20	2.23	0.004	0.05	<0.1	5.0	0.11	0.05	79	0.8	0.08	7.9	1.23	<0.1	0.02
35	Soil	9.1	224.6	1.46	16.3	0.121	<20	1.60	0.003	0.10	<0.1	3.8	0.13	<0.02	23	0.5	0.06	3.6	0.77	<0.1	0.10
36	Soil	3.8	278.9	1.78	21.3	0.118	<20	1.81	0.003	0.16	<0.1	3.0	0.12	<0.02	18	0.4	0.05	4.1	1.22	<0.1	0.04
37	Soil	1.6	336.0	2.02	25.3	0.190	<20	2.71	0.004	0.27	<0.1	2.4	0.13	<0.02	26	0.5	0.03	4.9	1.97	<0.1	0.02
38	Soil	4.4	344.3	1.64	14.4	0.140	<20	2.38	0.003	0.06	<0.1	4.6	0.19	<0.02	43	0.7	0.18	5.8	1.02	<0.1	0.12
39	Soil	2.4	293.0	1.59	68.2	0.212	<20	2.59	0.003	0.35	<0.1	6.3	0.17	<0.02	26	0.3	0.04	12.3	4.15	0.2	0.07
40	Soil	2.2	597.4	2.70	8.9	0.244	<20	1.75	0.004	0.05	<0.1	4.1	0.05	<0.02	17	0.6	0.08	7.7	1.51	<0.1	0.10
41	Soil	2.3	562.1	2.76	32.9	0.161	<20	2.13	0.004	0.05	<0.1	4.9	0.09	0.04	67	0.7	0.03	7.2	1.31	<0.1	0.03
42	Soil	30.7	384.0	1.68	73.3	0.110	<20	2.65	0.009	0.08	<0.1	10.2	0.24	0.09	93	1.3	0.11	8.6	2.87	0.1	0.04
43	Soil	14.7	311.2	2.12	66.8	0.115	<20	2.21	0.006	0.14	<0.1	7.0	0.17	0.03	27	1.0	0.06	10.7	2.67	0.2	0.05
44	Soil	3.5	354.2	2.06	35.4	0.168	<20	2.19	0.005	0.24	<0.1	5.2	0.19	0.02	21	0.6	0.05	7.7	2.40	<0.1	0.13
45	Soil	4.8	212.7	1.27	33.9	0.157	<20	1.16	0.006	0.22	<0.1	3.8	0.13	<0.02	10	0.3	0.06	9.1	1.92	0.2	0.16
46	Soil	7.4	498.5	3.28	37.5	0.165	<20	2.42	0.006	0.19	<0.1	6.2	0.17	0.02	33	0.5	0.07	7.7	1.79	0.1	0.08
47	Soil	4.3	461.1	4.38	34.2	0.092	<20	2.21	0.004	0.08	<0.1	5.6	0.11	0.02	46	0.4	0.08	6.1	1.01	0.1	0.04
48	Soil	6.9	364.9	2.72	35.7	0.117	<20	2.06	0.004	0.14	<0.1	6.3	0.15	0.03	33	0.4	0.05	5.9	1.45	0.2	0.03
49	Soil	3.3	303.1	1.36	13.8	0.143	<20	2.60	0.003	0.03	<0.1	3.7	0.24	0.02	53	1.1	0.09	6.7	0.93	<0.1	0.18
50	Soil	4.2	281.7	1.10	19.0	0.148	<20	2.48	0.003	0.03	<0.1	3.8	0.20	<0.02	40	1.3	0.14	6.1	0.86	<0.1	0.14
51	Soil	11.6	360.6	2.09	45.3	0.165	<20	2.88	0.006	0.13	<0.1	8.4	0.26	0.02	42	0.5	0.09	9.5	5.05	0.1	0.07
52	Soil	50.9	384.5	1.58	70.3	0.100	<20	2.88	0.007	0.14	<0.1	9.6	0.28	0.05	86	1.1	0.12	7.3	2.26	0.1	0.06
54	Soil	3.2	80.3	0.55	22.2	0.158	<20	1.02	0.002	0.22	<0.1	1.8	0.16	<0.02	17	0.3	0.04	6.0	1.72	<0.1	0.11
55	Soil	2.9	238.3	1.56	19.1	0.151	<20	1.52	0.005	0.02	<0.1	2.5	0.06	<0.02	18	0.3	0.08	7.9	0.50	<0.1	0.07
56	Soil	8.1	43.3	0.41	16.4	0.132	<20	0.63	0.002	0.21	<0.1	0.7	0.14	<0.02	10	0.2	<0.02	3.9	1.88	<0.1	0.08
57	Soil	2.8	44.4	0.17	6.6	0.176	<20	0.39	0.001	0.05	<0.1	0.8	0.04	<0.02	8	0.1	0.02	5.1	0.64	<0.1	0.05
58	Soil	1.9	31.3	0.23	22.4	0.078	<20	0.49	0.003	0.30	<0.1	0.7	0.16	<0.02	21	<0.1	0.03	2.2	1.39	<0.1	0.09
59	Soil	6.0	181.7	1.14	36.6	0.126	<20	1.15	0.006	0.24	<0.1	3.2	0.16	0.02	36	0.3	0.02	4.4	2.22	<0.1	0.08
60	Soil	12.4	163.8	1.11	39.4	0.121	<20	1.54	0.004	0.31	<0.1	4.9	0.23	<0.02	31	0.5	0.04	4.6	2.34	0.1	0.05
61	Soil	17.2	443.1	2.20	41.3	0.124	<20	2.70	0.007	0.16	<0.1	11.7	0.34	0.04	175	1.3	0.11	7.2	4.19	0.2	0.08
62	Soil	2.1	674.8	2.54	13.7	0.181	<20	2.32	0.004	0.10	<0.1	2.6	0.05	<0.02	16	0.3	0.06	7.2	1.82	<0.1	0.06

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
31	Soil	2.30	13.5	0.8	<0.05	3.6	6.45	20.8	0.05	<1	0.4	10.8	<10	6
32	Soil	0.54	1.6	0.4	<0.05	0.1	2.26	5.3	0.02	<1	0.2	1.3	<10	4
34	Soil	1.21	8.5	0.7	<0.05	1.5	4.54	12.0	0.03	<1	0.1	7.8	<10	6
35	Soil	0.11	10.8	0.2	<0.05	5.4	3.18	17.2	<0.02	<1	0.1	12.0	<10	4
36	Soil	0.29	19.4	0.2	<0.05	2.4	2.00	7.9	<0.02	<1	0.2	16.4	<10	9
37	Soil	0.23	20.6	0.2	<0.05	1.2	1.43	4.1	<0.02	<1	0.2	28.6	<10	8
38	Soil	0.53	8.3	0.6	<0.05	6.7	2.14	9.1	0.04	<1	0.2	11.8	<10	<2
39	Soil	0.87	26.4	0.5	<0.05	3.8	1.06	5.1	<0.02	<1	0.3	24.4	<10	3
40	Soil	0.78	10.1	0.4	<0.05	4.0	1.34	4.4	0.03	<1	<0.1	6.5	<10	11
41	Soil	0.61	10.5	0.4	<0.05	1.3	2.23	5.5	0.03	<1	<0.1	9.0	<10	5
42	Soil	1.76	16.9	0.6	<0.05	2.0	16.98	44.7	0.04	<1	0.5	14.7	<10	5
43	Soil	0.76	22.9	0.5	<0.05	2.2	5.09	22.2	0.02	<1	0.3	9.4	23	3
44	Soil	0.69	26.5	0.5	<0.05	5.7	1.32	7.4	0.03	<1	0.3	12.5	<10	<2
45	Soil	0.78	20.5	0.7	<0.05	6.4	1.51	6.8	<0.02	<1	0.1	4.1	<10	3
46	Soil	0.94	27.8	0.5	<0.05	3.6	3.36	13.7	0.03	<1	0.2	8.2	13	6
47	Soil	0.92	12.5	0.4	<0.05	2.1	2.09	8.2	0.03	<1	0.2	5.1	<10	3
48	Soil	0.96	20.9	0.5	<0.05	2.3	3.03	13.4	0.02	<1	0.3	7.4	<10	<2
49	Soil	1.57	5.5	0.5	<0.05	8.5	1.59	7.0	0.04	<1	0.2	11.6	<10	4
50	Soil	0.93	6.1	0.4	<0.05	7.2	2.15	10.0	0.03	<1	0.2	11.9	<10	2
51	Soil	0.94	22.2	0.7	<0.05	3.4	5.69	18.2	0.04	<1	0.5	22.8	12	<2
52	Soil	1.24	30.9	0.6	<0.05	3.8	17.98	61.7	0.05	<1	0.4	14.2	22	<2
54	Soil	1.33	23.7	0.2	<0.05	5.3	0.93	8.0	<0.02	<1	<0.1	5.0	<10	<2
55	Soil	1.35	5.1	0.4	<0.05	2.9	1.26	5.1	<0.02	<1	<0.1	6.1	<10	2
56	Soil	0.55	23.9	0.1	<0.05	8.1	0.70	14.4	<0.02	<1	<0.1	2.5	<10	<2
57	Soil	0.60	5.7	0.4	<0.05	2.3	0.80	5.6	<0.02	<1	<0.1	1.1	<10	<2
58	Soil	0.78	28.2	<0.1	<0.05	5.7	0.86	4.1	<0.02	<1	<0.1	2.2	<10	<2
59	Soil	1.44	40.0	0.3	<0.05	3.9	2.53	10.2	<0.02	<1	0.2	4.9	<10	<2
60	Soil	0.77	46.6	0.2	<0.05	4.6	9.11	12.9	0.02	<1	0.2	9.7	11	<2
61	Soil	1.38	36.0	0.5	<0.05	4.7	19.49	19.1	0.04	<1	0.3	15.1	35	<2
62	Soil	0.62	12.9	0.4	<0.05	2.8	1.65	4.1	<0.02	<1	<0.1	14.1	<10	6

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Client: **Rockland Minerals Corp.**
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
 Report Date: October 28, 2008

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
63	Soil	1.12	379.2	56.95	117.1	598	660.5	123.5	1729	8.39	61.5	1.0	4.6	1.2	13.9	0.31	1.17	0.26	142	0.61
64	Soil	1.20	259.2	31.26	99.5	361	345.3	63.5	861	6.30	45.8	0.8	1.2	0.7	9.3	0.81	0.96	0.19	110	0.35
65	Soil	0.88	199.8	22.92	47.5	155	240.1	42.6	883	4.97	7.0	0.6	0.5	0.7	7.0	0.46	0.32	0.12	97	0.27
66	Soil	0.04	10.97	6.54	32.3	14	65.1	12.5	238	1.54	<0.1	<0.1	0.3	<0.1	5.8	0.29	0.10	<0.02	50	0.11
67	Soil	1.94	515.3	70.56	129.9	193	901.7	114.9	1568	10.48	21.5	1.3	3.6	2.1	5.8	0.82	1.33	0.26	127	0.16
68	Soil	1.22	211.5	20.04	86.2	109	526.1	82.6	1168	7.48	10.7	0.6	1.1	1.2	7.7	0.45	0.69	0.16	94	0.29
69	Soil	2.26	316.5	18.22	109.3	107	722.3	63.3	1044	8.15	17.3	1.3	1.6	2.0	8.1	0.60	0.63	0.20	106	0.43
70	Soil	2.64	411.8	26.50	139.2	118	781.5	91.8	1733	11.14	18.4	1.4	1.9	2.2	7.7	0.54	0.55	0.26	136	0.34
71	Soil	0.89	117.9	17.41	54.1	16	233.9	39.5	423	4.98	8.9	0.5	1.6	1.8	2.8	0.23	0.80	0.09	56	0.10
72	Soil	1.49	193.6	39.98	61.2	50	281.5	44.3	708	6.73	12.5	0.8	2.2	1.7	3.2	0.43	0.52	0.12	67	0.12
73	Soil	1.33	130.8	9.12	57.2	18	197.5	39.6	561	6.69	11.6	0.6	2.3	1.4	3.3	0.21	0.40	0.10	76	0.11
74	Soil	1.50	133.6	9.74	49.9	17	172.5	27.7	452	6.41	13.1	0.7	10.6	1.7	3.3	0.20	0.44	0.10	72	0.11
75	Soil	1.74	147.2	9.34	51.5	21	169.9	30.6	524	6.41	15.2	0.8	2.5	1.7	3.3	0.23	0.45	0.12	71	0.11
76	Soil	1.72	160.9	8.38	60.8	25	201.3	30.9	577	6.66	14.7	0.9	4.8	1.7	3.6	0.20	0.42	0.12	74	0.12
77	Soil	1.56	145.2	8.54	73.3	32	211.9	44.3	659	8.33	14.7	0.7	1.4	1.5	3.7	0.15	0.42	0.12	100	0.11
78	Soil	2.00	112.4	8.10	58.9	30	181.2	35.3	537	7.32	16.1	0.8	0.7	1.8	3.4	0.17	0.53	0.13	88	0.10
79	Soil	1.46	114.0	6.66	56.2	18	166.4	30.0	554	6.31	12.5	0.8	2.7	1.6	3.6	0.18	0.43	0.10	74	0.13
80	Soil	2.93	393.2	25.82	157.3	248	817.9	111.0	1710	11.04	21.3	1.4	4.3	2.0	8.1	0.73	0.81	0.29	141	0.37
81	Soil	1.43	140.6	7.71	58.3	19	302.5	48.6	688	6.85	11.8	0.8	1.5	1.7	3.4	0.19	0.37	0.11	72	0.13
82	Soil	1.10	133.0	8.08	49.9	16	571.7	85.7	1226	7.51	9.7	0.6	2.2	1.3	4.1	0.23	0.32	0.08	65	0.15
83	Soil	1.67	486.0	11.56	76.3	392	1244	48.8	617	6.10	10.4	0.9	1.9	0.7	11.1	0.67	0.68	0.17	66	0.30
84	Soil	1.81	181.7	9.45	70.8	29	377.5	71.2	897	9.81	55.3	1.1	2.7	2.7	4.6	0.26	0.22	0.18	100	0.12
85	Soil	1.58	164.8	9.65	69.6	39	360.3	60.3	885	8.78	15.6	1.0	1.1	2.1	4.7	0.17	0.25	0.15	100	0.16
86	Soil	1.87	185.6	13.50	66.0	33	373.9	59.9	701	7.79	23.1	0.8	2.1	1.9	4.4	0.20	0.48	0.16	83	0.14
87	Soil	1.72	137.5	10.45	64.5	27	215.0	36.6	522	6.56	15.2	0.8	2.3	2.1	4.2	0.19	0.42	0.14	78	0.14
88	Soil	1.84	76.24	7.21	51.6	35	165.4	27.5	441	8.32	13.5	0.5	1.1	1.5	3.9	0.20	0.34	0.13	110	0.10
89	Soil	1.17	104.1	5.80	69.0	35	156.3	29.6	581	7.86	12.4	0.5	6.4	1.4	5.0	0.17	0.28	0.10	120	0.17
90	Soil	1.74	190.9	9.24	63.3	44	295.5	41.9	563	7.96	16.3	0.8	3.6	1.8	4.3	0.20	0.32	0.15	92	0.16
91	Soil	2.33	94.69	9.26	69.0	27	106.3	20.5	437	10.45	18.8	0.7	<0.2	1.7	3.1	0.06	0.35	0.18	127	0.09
92	Soil	1.78	127.0	9.25	65.1	66	189.3	28.1	542	6.67	10.7	0.5	0.4	1.0	5.1	0.26	0.37	0.16	107	0.23

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval, preliminary reports are unsigned and should be used for reference only.

Client: **Rockland Minerals Corp.**
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
 Report Date: October 28, 2008

Page: 4 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN08010300.1

		Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
			La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
			ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
			0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
63	Soil		16.6	717.9	2.91	43.0	0.101	<20	3.80	0.007	0.08	<0.1	13.2	0.26	0.05	124	0.9	0.09	8.2	3.05	0.1	0.05
64	Soil		13.3	453.1	1.81	35.9	0.090	<20	2.40	0.006	0.06	<0.1	7.2	0.13	0.07	84	0.9	0.07	6.6	2.12	0.1	0.04
65	Soil		10.6	367.8	1.51	40.1	0.117	<20	1.71	0.005	0.03	<0.1	4.5	0.07	0.02	34	0.5	0.09	6.6	0.93	<0.1	<0.02
66	Soil		<0.5	595.3	1.11	6.7	0.140	<20	1.03	0.004	0.04	<0.1	1.4	<0.02	<0.02	20	0.2	<0.02	3.1	0.41	<0.1	<0.02
67	Soil		17.0	696.2	2.36	42.7	0.133	<20	4.05	0.005	0.06	<0.1	12.8	0.30	0.03	73	1.0	0.12	8.1	2.43	0.1	0.13
68	Soil		6.1	529.3	2.51	50.6	0.105	<20	2.77	0.005	0.04	<0.1	6.5	0.15	0.03	65	0.8	0.08	6.5	1.61	<0.1	0.07
69	Soil		10.1	386.7	2.36	50.4	0.136	<20	2.79	0.006	0.13	<0.1	7.4	0.22	0.05	92	0.9	0.10	7.3	1.53	0.1	0.11
70	Soil		13.5	525.2	2.61	69.2	0.150	<20	3.91	0.006	0.08	<0.1	10.8	0.34	0.04	90	1.2	0.18	8.8	1.60	0.1	0.10
71	Soil		6.2	196.1	1.51	12.5	0.108	<20	1.27	0.003	0.03	<0.1	3.5	0.09	<0.02	26	0.5	0.05	3.2	0.39	<0.1	0.06
72	Soil		6.7	242.8	1.55	15.0	0.111	<20	1.45	0.003	0.04	<0.1	4.5	0.13	<0.02	38	0.6	0.08	3.9	0.56	0.1	0.09
73	Soil		4.5	236.2	1.45	18.0	0.128	<20	1.56	0.003	0.04	<0.1	3.7	0.12	<0.02	18	0.8	0.07	4.4	0.61	<0.1	0.05
74	Soil		5.3	207.1	1.23	14.1	0.130	<20	1.49	0.003	0.03	<0.1	3.5	0.14	<0.02	30	0.6	0.11	3.9	0.63	<0.1	0.14
75	Soil		6.0	201.9	1.12	12.8	0.123	<20	1.38	0.003	0.03	<0.1	3.6	0.14	<0.02	38	0.8	0.09	3.9	0.50	0.1	0.12
76	Soil		7.3	234.5	1.41	15.0	0.123	<20	1.52	0.003	0.05	<0.1	4.5	0.16	<0.02	31	0.7	0.06	4.2	0.59	0.1	0.10
77	Soil		4.0	253.3	1.37	14.0	0.199	<20	2.26	0.003	0.03	<0.1	4.0	0.17	<0.02	30	0.7	0.09	5.6	0.70	<0.1	0.09
78	Soil		4.7	246.7	1.42	15.2	0.147	<20	1.77	0.003	0.04	<0.1	4.0	0.14	<0.02	55	0.8	0.10	5.0	0.71	0.1	0.14
79	Soil		5.9	224.3	1.31	14.1	0.138	<20	1.48	0.004	0.04	<0.1	4.1	0.11	<0.02	36	0.7	0.06	3.8	0.49	<0.1	0.14
80	Soil		11.1	507.8	2.49	61.7	0.226	<20	3.92	0.008	0.08	<0.1	10.8	0.40	0.07	168	1.6	0.19	9.4	1.55	0.2	0.11
81	Soil		5.9	299.1	1.98	17.4	0.119	<20	1.68	0.003	0.04	<0.1	5.1	0.15	<0.02	39	0.5	0.07	4.3	0.59	<0.1	0.09
82	Soil		5.8	337.8	3.66	21.4	0.113	<20	1.66	0.005	0.03	<0.1	6.3	0.12	<0.02	27	0.4	0.08	3.9	0.47	0.2	0.05
83	Soil		12.7	238.0	1.13	67.5	0.080	<20	1.73	0.006	0.04	<0.1	6.4	0.18	0.13	201	1.1	0.12	4.2	0.80	0.1	0.09
84	Soil		5.1	376.9	2.19	24.0	0.149	<20	2.78	0.004	0.07	<0.1	5.0	0.29	<0.02	45	0.9	0.12	6.3	1.18	<0.1	0.18
85	Soil		7.1	358.0	2.31	25.5	0.145	<20	2.46	0.004	0.06	<0.1	6.2	0.22	<0.02	49	1.0	0.04	6.3	0.97	<0.1	0.12
86	Soil		6.4	280.7	1.88	16.6	0.128	<20	1.74	0.003	0.04	<0.1	5.2	0.13	<0.02	57	0.6	0.11	4.9	0.60	<0.1	0.11
87	Soil		7.4	230.4	1.32	16.8	0.120	<20	1.63	0.003	0.05	<0.1	5.0	0.12	<0.02	42	0.6	0.04	4.5	0.49	<0.1	0.12
88	Soil		3.4	300.1	1.27	11.0	0.209	<20	1.59	0.004	0.03	<0.1	3.2	0.09	<0.02	19	0.6	0.07	6.2	0.69	<0.1	0.10
89	Soil		4.3	232.1	1.48	17.8	0.312	<20	2.19	0.005	0.04	<0.1	4.1	0.10	<0.02	28	0.6	0.06	7.0	0.69	<0.1	0.11
90	Soil		5.7	265.1	1.47	18.9	0.146	<20	2.04	0.004	0.04	<0.1	4.4	0.14	<0.02	23	0.8	0.07	5.6	0.82	<0.1	0.10
91	Soil		3.3	321.6	1.25	14.5	0.195	<20	1.85	0.003	0.04	<0.1	3.2	0.15	0.02	26	0.7	0.04	8.0	1.01	<0.1	0.22
92	Soil		4.8	231.1	1.29	32.4	0.178	<20	1.86	0.004	0.04	<0.1	4.4	0.12	0.04	32	0.5	0.06	6.4	0.86	<0.1	0.06

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
63	Soil	1.25	23.1	0.4	<0.05	3.2	17.25	21.5	0.04	<1	0.4	17.8	35	<2
64	Soil	2.14	16.2	0.5	<0.05	2.1	10.20	14.1	0.04	<1	0.2	9.1	19	2
65	Soil	1.34	9.3	0.5	<0.05	1.4	6.28	15.1	0.02	<1	0.2	8.6	<10	<2
66	Soil	0.21	4.4	<0.1	<0.05	0.3	0.46	0.7	<0.02	<1	<0.1	12.9	<10	3
67	Soil	1.44	11.4	0.7	<0.05	5.8	11.65	26.3	0.05	<1	0.5	20.2	12	6
68	Soil	1.73	9.2	0.4	<0.05	3.6	3.93	12.2	0.02	<1	0.2	14.9	15	3
69	Soil	2.13	18.6	0.6	<0.05	5.6	5.81	17.0	0.05	<1	0.3	11.2	14	6
70	Soil	1.56	15.5	0.6	<0.05	5.3	7.78	23.1	0.04	<1	0.5	15.9	10	<2
71	Soil	0.34	4.4	0.2	<0.05	3.9	2.57	12.9	<0.02	<1	0.1	6.6	<10	4
72	Soil	0.34	5.9	0.2	<0.05	4.8	3.50	14.4	0.02	<1	0.3	7.7	<10	3
73	Soil	0.34	5.7	0.3	<0.05	3.9	2.50	9.6	0.03	<1	0.2	8.0	<10	4
74	Soil	0.29	5.0	0.3	<0.05	7.0	2.55	11.1	0.02	<1	0.2	7.6	<10	<2
75	Soil	0.25	4.8	0.3	<0.05	7.0	2.63	12.9	0.03	<1	<0.1	7.1	<10	4
76	Soil	0.25	7.1	0.3	<0.05	6.1	3.67	13.0	0.02	<1	0.3	8.2	<10	6
77	Soil	0.47	4.8	0.4	<0.05	4.9	2.39	10.6	0.03	<1	0.2	10.3	14	3
78	Soil	0.38	6.0	0.3	<0.05	6.8	2.53	11.0	<0.02	<1	0.3	9.6	<10	10
79	Soil	0.24	5.1	0.2	<0.05	5.9	3.07	12.4	0.03	<1	0.1	7.4	12	8
80	Soil	2.21	14.3	0.9	<0.05	6.1	6.87	23.2	0.05	2	0.3	15.1	15	<2
81	Soil	0.19	6.3	0.3	<0.05	6.4	3.19	14.2	0.03	<1	0.2	8.6	<10	8
82	Soil	0.11	4.7	0.3	<0.05	3.7	3.38	14.3	<0.02	<1	0.3	6.2	<10	3
83	Soil	3.06	6.7	0.5	<0.05	4.4	11.19	18.0	0.03	<1	0.4	3.9	<10	<2
84	Soil	0.30	9.9	0.4	<0.05	8.1	2.70	18.2	0.04	<1	0.4	15.4	<10	6
85	Soil	0.20	8.5	0.4	<0.05	6.0	3.92	14.9	0.05	1	0.3	12.9	<10	7
86	Soil	0.18	6.4	0.3	<0.05	5.5	3.29	13.2	0.03	2	0.2	9.7	11	3
87	Soil	0.18	6.0	0.3	<0.05	6.1	3.58	14.9	0.03	<1	0.3	10.2	13	4
88	Soil	0.98	6.5	0.5	<0.05	4.9	1.61	7.3	0.03	<1	<0.1	8.2	<10	<2
89	Soil	0.54	9.3	0.5	<0.05	4.5	2.42	10.4	0.03	<1	0.1	11.6	<10	3
90	Soil	0.47	6.0	0.4	<0.05	4.6	2.82	12.6	0.03	<1	0.2	10.9	<10	5
91	Soil	1.64	6.5	0.6	<0.05	8.7	1.43	6.3	0.04	1	0.2	8.8	<10	<2
92	Soil	1.46	8.7	0.6	<0.05	3.0	2.42	8.6	0.02	1	0.2	7.9	<10	<2

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
93	Soil	2.80	295.3	20.08	155.6	270	591.6	79.4	1739	11.56	21.3	1.7	2.7	2.1	7.1	0.39	0.57	0.31	129	0.30
94	Soil	1.87	138.1	13.36	93.4	101	156.1	32.1	675	8.07	13.0	0.9	0.9	1.7	5.0	0.34	0.29	0.23	120	0.12
95	Soil	1.21	64.08	14.44	61.4	107	197.2	34.6	545	6.24	9.9	0.5	0.9	1.4	5.5	0.31	0.29	0.18	104	0.16
96	Soil	2.23	310.9	18.88	107.4	251	673.1	176.6	1981	9.16	10.5	1.9	1.3	1.6	8.7	0.24	0.45	0.23	99	0.28
97	Soil	6.95	86.72	7.88	23.6	185	20.5	4.1	214	8.53	4.5	1.4	1.9	2.2	1.9	0.05	0.60	0.18	88	0.03
98	Soil	5.37	186.4	13.09	35.8	351	99.0	22.5	819	6.16	12.4	3.9	11.7	7.1	2.0	0.09	0.52	0.10	79	0.03
99	Soil	0.98	112.5	10.40	131.6	33	181.1	43.1	847	10.36	13.0	0.4	1.7	1.5	3.5	0.19	0.30	0.10	161	0.09
100	Soil	1.92	154.2	9.33	78.4	52	315.3	62.0	933	9.03	14.5	0.8	1.3	1.6	5.0	0.17	0.33	0.13	89	0.27
101	Soil	1.23	92.10	13.29	55.3	46	141.5	23.3	567	5.70	6.0	0.4	<0.2	1.6	5.2	0.11	0.42	0.09	120	0.13
102	Soil	0.40	36.28	6.67	41.8	75	103.0	31.2	735	6.33	2.2	0.5	3.5	2.6	5.1	0.09	0.13	0.05	91	0.11
103	Soil	0.36	33.22	3.73	28.6	27	55.6	7.8	145	3.32	2.7	0.4	<0.2	3.2	1.8	0.03	0.09	0.12	32	0.06
104	Soil	1.23	151.3	10.00	86.8	165	245.7	50.1	901	9.92	8.4	0.8	1.0	1.2	6.7	0.34	0.18	0.14	127	0.22
105	Soil	1.20	112.8	7.05	72.5	27	166.7	44.1	787	7.40	10.7	0.6	0.4	1.3	6.2	0.20	0.23	0.11	99	0.23
106	Soil	1.79	105.5	8.08	73.6	30	174.4	36.8	644	8.37	14.2	0.6	0.5	1.7	4.9	0.13	0.30	0.14	108	0.17
107	Soil	1.18	220.5	24.30	90.5	214	435.0	100.6	2202	6.28	32.2	0.9	2.0	0.8	16.5	0.83	1.04	0.18	88	0.63
108	Soil	0.56	35.53	4.40	34.8	22	103.0	14.4	254	4.77	9.3	0.3	<0.2	2.5	3.8	0.12	0.26	0.09	75	0.08
109	Soil	0.18	13.58	9.26	20.3	9	19.3	4.5	77	2.64	4.7	0.3	<0.2	4.3	1.5	0.01	0.09	0.19	26	0.01
110	Soil	0.14	16.69	2.23	12.2	13	25.3	4.0	60	0.93	2.9	0.2	<0.2	1.3	2.0	0.09	0.11	0.10	17	0.06
111	Soil	1.17	114.7	5.88	85.7	49	130.6	30.4	559	7.62	9.1	0.5	<0.2	1.2	4.2	0.17	0.24	0.09	108	0.14
112	Soil	1.91	112.9	8.24	52.9	58	107.0	16.0	388	9.41	15.6	0.7	1.1	1.6	2.7	0.10	0.32	0.18	120	0.07
113	Soil	1.48	113.1	7.68	65.2	50	125.7	25.2	575	8.33	13.7	0.7	1.0	2.1	3.3	0.14	0.24	0.14	112	0.10
114	Soil	2.35	255.8	11.50	71.7	69	212.2	43.8	703	9.52	18.8	1.3	2.3	2.9	3.7	0.14	0.30	0.18	108	0.11
115	Soil	1.87	169.8	7.85	68.3	125	137.2	25.8	498	8.93	14.2	0.9	1.0	1.9	3.8	0.16	0.26	0.14	107	0.12
116	Soil	2.10	198.7	10.19	58.7	27	144.8	29.5	541	8.20	19.0	1.2	1.6	3.3	3.6	0.09	0.35	0.16	85	0.10
117	Soil	1.63	122.3	6.81	66.0	184	108.5	22.6	466	8.52	12.4	0.7	<0.2	1.4	3.9	0.16	0.36	0.10	98	0.12
118	Soil	1.94	102.9	8.07	49.9	244	77.8	14.1	341	8.94	14.1	0.8	0.4	2.0	2.5	0.10	0.28	0.20	147	0.07
119	Soil	1.93	112.2	6.86	63.5	180	90.4	16.8	400	9.03	15.1	0.8	0.4	2.1	3.5	0.12	0.29	0.17	130	0.09
120	Soil	2.44	167.6	9.65	79.4	172	132.5	25.2	561	10.95	17.9	1.2	2.7	2.7	4.6	0.09	0.32	0.21	125	0.12
122	Soil	5.09	258.1	21.39	129.8	717	210.6	31.6	454	15.63	24.9	2.9	4.2	3.3	5.8	0.19	0.54	0.68	210	0.12
123	Soil	1.87	100.8	7.73	57.2	206	80.9	15.9	421	9.11	13.9	0.9	2.7	2.0	4.6	0.08	0.27	0.18	137	0.13

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Client: Rockland Minerals Corp.
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
Report Date: October 28, 2008

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
93	Soil	15.4	478.4	2.54	70.9	0.152	<20	3.77	0.007	0.10	<0.1	11.5	0.44	0.07	105	1.1	0.12	9.4	1.97	0.1
94	Soil	5.3	301.2	1.31	30.0	0.152	<20	2.79	0.004	0.05	<0.1	5.8	0.20	0.03	40	0.8	0.10	8.9	1.07	<0.1
95	Soil	4.7	342.8	1.90	54.5	0.093	<20	1.50	0.004	0.04	<0.1	4.1	0.05	0.03	52	0.4	0.06	7.2	0.68	<0.1
96	Soil	60.9	471.9	3.21	78.2	0.079	<20	3.64	0.006	0.13	<0.1	12.1	0.34	0.07	52	1.3	0.07	8.7	2.84	0.1
97	Soil	7.3	71.4	0.50	24.2	0.127	<20	1.58	0.003	0.13	<0.1	1.8	0.14	0.06	30	4.2	0.15	9.0	1.89	<0.1
98	Soil	18.7	87.1	0.76	44.7	0.112	<20	1.74	0.004	0.38	<0.1	5.2	0.35	0.03	49	2.2	0.12	6.5	2.54	<0.1
99	Soil	3.3	406.4	2.48	47.3	0.224	<20	3.94	0.005	0.92	<0.1	13.0	0.52	<0.02	18	0.5	<0.02	11.9	4.82	0.2
100	Soil	6.1	337.8	2.65	32.1	0.128	<20	2.26	0.005	0.04	<0.1	5.9	0.14	<0.02	35	1.2	0.08	5.6	0.75	0.1
101	Soil	2.5	372.1	1.11	35.0	0.187	<20	1.61	0.004	0.08	<0.1	3.4	0.07	<0.02	13	0.4	0.03	6.8	1.37	<0.1
102	Soil	3.3	326.9	1.58	57.3	0.132	<20	1.49	0.004	0.23	<0.1	2.6	0.09	<0.02	24	0.4	<0.02	7.6	1.56	<0.1
103	Soil	7.7	72.6	0.57	37.6	0.137	<20	1.42	0.004	0.10	<0.1	2.5	0.13	<0.02	6	0.3	<0.02	5.7	1.74	<0.1
104	Soil	6.4	480.0	2.26	39.0	0.145	<20	2.82	0.006	0.06	<0.1	6.4	0.12	0.04	66	0.5	0.05	7.9	1.09	<0.1
105	Soil	4.4	285.2	1.96	18.4	0.183	<20	2.24	0.005	0.05	<0.1	4.7	0.12	<0.02	20	0.7	0.05	5.6	0.73	<0.1
106	Soil	4.2	351.2	2.14	24.6	0.183	<20	2.35	0.005	0.06	<0.1	4.6	0.12	<0.02	19	0.7	0.07	7.1	0.93	<0.1
107	Soil	19.1	378.3	1.91	46.5	0.088	<20	2.52	0.009	0.08	<0.1	8.7	0.26	0.11	136	1.4	0.04	5.7	1.62	<0.1
108	Soil	2.7	177.2	1.20	24.8	0.212	<20	1.17	0.004	0.34	<0.1	2.9	0.18	<0.02	18	0.4	<0.02	6.6	2.16	<0.1
109	Soil	1.3	48.9	0.74	40.3	0.254	<20	1.30	0.004	0.81	<0.1	1.2	0.44	<0.02	5	0.3	<0.02	7.9	5.98	0.2
110	Soil	1.7	36.2	0.27	16.8	0.087	<20	0.42	0.003	0.18	<0.1	1.1	0.10	<0.02	15	0.3	<0.02	3.9	1.35	<0.1
111	Soil	3.2	238.1	1.28	16.1	0.243	<20	2.42	0.004	0.03	<0.1	4.1	0.11	<0.02	29	0.8	0.02	6.4	0.66	<0.1
112	Soil	3.3	300.7	0.96	20.0	0.136	<20	1.89	0.003	0.04	<0.1	3.6	0.12	0.03	28	0.7	0.06	8.7	0.80	<0.1
113	Soil	3.7	282.5	1.24	16.3	0.201	<20	2.54	0.004	0.05	<0.1	4.1	0.20	0.02	47	0.8	0.04	7.6	1.08	<0.1
114	Soil	6.5	342.3	1.60	20.4	0.180	<20	2.90	0.004	0.09	<0.1	5.5	0.37	<0.02	128	1.7	0.11	6.8	1.43	<0.1
115	Soil	4.2	285.8	1.30	19.7	0.197	<20	2.57	0.004	0.05	<0.1	4.4	0.20	<0.02	37	1.0	0.09	7.3	1.01	<0.1
116	Soil	9.7	242.3	1.16	22.4	0.131	<20	1.68	0.003	0.12	<0.1	4.9	0.24	<0.02	64	1.3	0.08	5.5	1.17	<0.1
117	Soil	3.6	253.8	1.19	14.9	0.223	<20	2.68	0.003	0.03	<0.1	4.1	0.14	0.02	37	1.2	0.04	5.7	0.55	<0.1
118	Soil	3.5	263.2	0.85	19.8	0.194	<20	2.14	0.003	0.04	<0.1	3.9	0.13	0.02	35	0.8	0.06	10.3	0.71	<0.1
119	Soil	3.4	254.1	0.98	26.6	0.274	<20	1.95	0.003	0.04	<0.1	3.7	0.15	<0.02	23	0.8	0.08	8.4	0.89	<0.1
120	Soil	4.7	348.6	1.46	21.0	0.205	<20	3.36	0.005	0.07	<0.1	5.7	0.26	0.02	52	1.6	0.13	8.4	1.33	<0.1
122	Soil	12.1	500.6	1.25	86.6	0.238	<20	5.22	0.008	0.13	<0.1	10.0	0.56	0.08	264	2.0	0.19	14.9	2.32	<0.1
123	Soil	3.7	293.8	1.10	13.1	0.236	<20	2.62	0.004	0.05	<0.1	4.7	0.15	<0.02	50	1.0	0.08	8.7	0.98	<0.1

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
93	Soil	1.52	19.5	0.9	<0.05	4.4	8.28	28.1	0.05	<1	0.4	14.9	11	<2
94	Soil	1.61	8.7	0.6	<0.05	4.6	2.21	9.0	0.04	<1	0.2	10.5	<10	<2
95	Soil	1.46	6.5	0.5	<0.05	2.4	1.98	9.2	0.03	<1	<0.1	5.3	<10	4
96	Soil	0.99	31.4	0.6	<0.05	2.5	20.08	56.9	0.05	1	0.6	18.7	12	2
97	Soil	2.32	15.1	0.4	<0.05	5.6	1.65	11.2	<0.02	3	0.1	6.8	<10	2
98	Soil	0.44	51.1	0.4	<0.05	9.2	5.30	62.3	<0.02	1	0.3	13.3	<10	5
99	Soil	0.33	107.5	0.5	<0.05	5.4	2.86	6.3	0.04	<1	0.4	21.6	<10	8
100	Soil	0.50	6.3	0.3	<0.05	3.6	2.96	13.0	0.02	2	0.2	8.6	<10	6
101	Soil	1.44	9.6	0.4	<0.05	3.6	1.17	4.9	0.02	<1	0.1	15.3	<10	2
102	Soil	0.62	22.6	0.4	<0.05	5.6	1.30	6.6	<0.02	<1	0.2	9.2	<10	6
103	Soil	0.94	15.4	0.2	<0.05	3.3	1.59	13.5	<0.02	<1	0.1	7.5	<10	<2
104	Soil	1.14	7.4	0.5	<0.05	2.5	2.94	10.6	0.03	<1	0.2	12.3	18	15
105	Soil	0.42	8.0	0.3	<0.05	3.9	2.76	10.1	0.04	<1	0.2	10.3	<10	4
106	Soil	0.60	10.1	0.5	<0.05	4.6	2.03	8.4	0.02	<1	0.3	10.2	<10	9
107	Soil	1.87	17.3	0.5	<0.05	2.6	17.25	24.3	0.02	<1	0.2	9.2	<10	<2
108	Soil	1.40	33.6	0.3	<0.05	7.9	1.37	5.6	<0.02	<1	<0.1	4.7	<10	3
109	Soil	1.44	78.6	0.3	<0.05	11.5	1.05	2.4	<0.02	<1	0.4	7.6	<10	4
110	Soil	1.38	17.0	0.3	<0.05	4.5	1.23	2.7	<0.02	<1	0.2	2.3	<10	<2
111	Soil	1.02	5.2	0.3	<0.05	6.0	2.28	9.3	0.03	<1	0.2	10.9	<10	<2
112	Soil	1.35	6.1	0.6	<0.05	5.1	1.56	6.2	0.03	<1	0.3	8.1	<10	4
113	Soil	0.89	7.0	0.6	<0.05	6.4	2.08	7.5	0.02	<1	0.2	12.3	<10	<2
114	Soil	0.44	12.3	0.5	<0.05	10.7	3.10	15.4	0.04	<1	0.2	12.9	21	7
115	Soil	0.74	8.4	0.5	<0.05	6.3	2.35	11.5	0.03	<1	0.3	10.5	<10	4
116	Soil	0.23	14.9	0.4	<0.05	9.5	3.73	18.3	0.03	<1	0.3	9.1	<10	6
117	Soil	1.58	4.4	0.4	<0.05	6.4	2.28	9.7	0.04	<1	0.3	9.9	<10	5
118	Soil	1.42	5.8	0.8	<0.05	7.9	1.65	7.1	0.03	<1	0.1	6.9	10	4
119	Soil	0.78	7.0	0.6	<0.05	9.1	1.87	7.1	0.04	<1	0.2	7.3	<10	5
120	Soil	0.79	9.5	0.7	<0.05	11.9	2.51	11.5	0.05	<1	0.3	13.5	<10	3
122	Soil	3.61	16.2	1.9	<0.05	13.1	4.54	22.2	0.07	<1	0.5	12.5	21	<2
123	Soil	0.91	6.7	0.6	<0.05	10.3	2.16	7.5	0.04	<1	0.2	10.2	<10	<2

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
124	Soil	2.98	118.3	9.59	57.2	396	74.8	13.7	418	10.38	21.0	1.2	2.3	2.9	3.1	0.10	0.33	0.25	125	0.08
125	Soil	2.16	133.4	8.12	69.5	166	105.2	21.6	526	10.19	16.3	1.0	3.4	2.4	4.8	0.08	0.32	0.21	134	0.13
126	Soil	1.76	139.5	8.47	75.2	41	133.4	33.2	667	8.46	15.1	0.9	2.0	2.1	6.3	0.14	0.26	0.17	104	0.18
127	Soil	1.88	110.2	7.44	52.7	12	100.2	24.5	490	6.93	16.8	0.9	3.4	1.8	6.7	0.11	0.31	0.15	84	0.18
128	Soil	2.28	159.3	9.18	66.2	18	122.2	27.9	602	7.85	18.3	1.2	2.4	2.7	5.8	0.13	0.34	0.17	92	0.16
129	Soil	2.63	148.9	10.15	62.0	28	98.3	18.6	485	8.75	24.2	1.4	11.6	2.9	6.7	0.10	0.40	0.24	96	0.16
130	Soil	3.40	175.2	10.62	64.1	41	104.3	21.0	482	9.61	27.1	1.5	2.6	2.8	4.7	0.08	0.42	0.25	102	0.12
131	Soil	2.89	179.6	14.47	84.6	116	140.3	30.6	617	10.34	25.9	1.6	4.5	3.4	4.6	0.14	0.35	0.34	116	0.10
132	Soil	2.60	111.8	9.43	61.7	219	96.5	24.2	509	8.11	24.1	1.1	2.0	2.1	4.5	0.12	0.36	0.19	88	0.10
133	Soil	1.84	175.2	9.39	77.5	110	147.6	38.5	740	8.05	15.0	1.3	2.8	3.0	5.7	0.13	0.24	0.18	97	0.18
134	Soil	1.86	117.9	7.77	61.7	51	112.2	32.2	720	7.44	15.4	1.1	1.4	2.4	5.7	0.12	0.28	0.17	95	0.17
135	Soil	2.15	192.4	10.42	71.8	34	154.5	37.0	694	9.01	17.6	1.2	2.2	2.8	5.3	0.16	0.26	0.18	107	0.14
136	Soil	2.65	145.9	14.51	57.8	34	85.2	18.4	424	11.03	23.6	1.1	2.2	2.4	4.0	0.08	0.39	0.23	123	0.10
137	Soil	2.01	185.5	8.66	84.6	100	277.6	51.9	1130	9.30	17.7	1.2	3.8	2.4	5.9	0.22	0.25	0.18	98	0.21
138	Soil	2.06	101.0	6.35	67.0	50	103.7	21.1	541	10.10	25.1	0.7	0.7	1.6	5.5	0.12	0.21	0.15	137	0.14
139	Soil	0.81	108.8	5.08	66.7	43	116.5	29.3	525	8.13	7.5	0.5	1.1	1.2	7.2	0.15	0.20	0.08	136	0.25
140	Soil	1.92	131.6	8.13	78.4	53	215.0	45.7	968	9.46	13.4	0.9	1.6	1.8	5.4	0.27	0.20	0.14	101	0.17
141	Soil	1.86	98.91	6.68	64.9	42	133.4	26.0	566	8.15	12.0	0.8	1.3	1.6	5.1	0.21	0.20	0.12	109	0.15
142	Soil	1.54	107.6	6.81	69.3	41	147.6	32.8	689	8.03	11.6	0.7	0.7	1.7	4.5	0.19	0.19	0.12	94	0.15
143	Soil	1.42	77.46	6.00	38.5	48	62.1	10.9	264	7.30	6.2	0.6	0.7	1.4	4.1	0.07	0.22	0.16	171	0.11
144	Soil	1.74	181.4	7.21	78.4	21	280.2	59.6	950	9.31	14.3	1.1	2.1	2.0	5.7	0.24	0.21	0.11	96	0.18
145	Soil	1.75	144.1	6.95	77.2	66	154.5	36.2	718	10.04	13.8	0.8	0.7	1.6	4.9	0.18	0.19	0.12	117	0.16
146	Soil	1.29	140.4	6.90	79.4	38	173.2	44.4	756	8.17	10.3	0.7	0.9	1.3	6.1	0.22	0.19	0.11	110	0.22
147	Soil	1.91	134.9	5.53	69.7	48	188.1	41.7	940	7.96	11.6	1.0	1.7	2.2	5.4	0.18	0.20	0.09	84	0.20
148	Soil	1.25	100.6	5.98	65.2	41	109.1	24.2	536	8.11	10.0	0.5	1.3	1.0	6.7	0.13	0.20	0.09	131	0.20
149	Soil	1.80	135.7	10.95	75.0	29	493.4	65.6	1051	9.82	16.2	0.9	1.4	1.9	5.0	0.23	0.26	0.16	92	0.12
150	Soil	1.34	135.2	6.33	78.8	41	175.8	37.2	598	8.59	12.4	0.7	1.2	1.4	5.8	0.20	0.21	0.11	113	0.18
151	Soil	1.77	158.1	6.95	70.3	48	237.7	52.3	936	8.33	14.1	1.1	0.9	2.0	5.5	0.21	0.24	0.11	89	0.20
152	Soil	1.07	67.13	7.65	51.1	48	139.0	24.7	380	8.46	5.9	0.5	25.5	1.0	4.3	0.13	0.20	0.12	172	0.15
153	Soil	1.50	177.3	8.28	101.8	84	535.3	108.8	1950	9.77	14.2	1.1	2.6	2.1	5.5	0.29	0.21	0.13	101	0.22

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CERTIFICATE OF ANALYSIS

VAN08010300.1

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
124	Soil		4.6	306.8	1.08	17.6	0.141	<20	2.84	0.004	0.05	<0.1	4.5	0.22	0.03	54	1.4	0.16	9.1	1.21	<0.1	0.25
125	Soil		4.2	305.6	1.34	18.1	0.238	<20	2.95	0.005	0.06	<0.1	5.1	0.23	0.02	45	1.1	0.12	9.5	1.24	<0.1	0.28
126	Soil		7.5	277.4	1.62	22.1	0.177	<20	2.72	0.005	0.07	<0.1	5.8	0.22	<0.02	53	1.0	0.08	6.9	1.09	<0.1	0.13
127	Soil		7.8	216.4	1.20	17.4	0.145	<20	1.60	0.005	0.05	<0.1	5.0	0.14	<0.02	40	1.2	0.07	4.6	0.57	<0.1	0.16
128	Soil		12.2	226.8	1.25	23.6	0.144	<20	1.78	0.005	0.11	<0.1	6.0	0.23	<0.02	69	1.1	0.12	5.7	1.08	0.1	0.18
129	Soil		12.1	241.6	1.19	25.3	0.138	<20	1.76	0.005	0.09	<0.1	6.1	0.23	<0.02	74	1.7	0.09	6.1	1.07	0.2	0.26
130	Soil		11.6	265.8	1.22	22.0	0.129	<20	2.08	0.005	0.07	<0.1	5.6	0.24	<0.02	83	1.8	0.17	6.1	1.08	<0.1	0.25
131	Soil		7.7	316.9	1.55	28.8	0.148	<20	3.21	0.004	0.12	<0.1	5.9	0.43	0.02	186	1.7	0.14	7.9	1.73	0.1	0.25
132	Soil		5.2	266.4	1.15	18.6	0.128	<20	1.82	0.004	0.08	<0.1	3.9	0.22	<0.02	46	1.5	0.13	5.8	1.14	<0.1	0.11
133	Soil		12.9	284.6	1.64	33.3	0.141	<20	2.36	0.006	0.11	<0.1	6.4	0.29	<0.02	118	1.4	0.11	6.6	1.39	0.2	0.19
134	Soil		7.6	249.0	1.35	23.6	0.133	<20	2.09	0.005	0.06	<0.1	4.8	0.22	<0.02	51	1.1	0.07	6.1	1.23	<0.1	0.13
135	Soil		6.5	293.8	1.60	21.7	0.178	<20	2.85	0.005	0.11	<0.1	5.1	0.31	<0.02	80	1.5	0.08	7.0	1.36	0.1	0.21
136	Soil		4.6	311.9	1.11	13.6	0.176	<20	2.85	0.004	0.06	<0.1	4.1	0.22	0.03	50	1.4	0.15	8.1	1.28	<0.1	0.19
137	Soil		9.7	324.1	2.32	23.8	0.146	<20	2.44	0.006	0.08	<0.1	6.5	0.26	<0.02	79	1.0	0.07	6.4	1.15	<0.1	0.17
138	Soil		3.5	344.9	1.41	24.1	0.225	<20	2.64	0.005	0.05	<0.1	4.8	0.14	<0.02	26	0.7	0.09	9.9	1.15	0.1	0.11
139	Soil		4.2	225.7	1.41	17.0	0.329	<20	3.01	0.007	0.04	<0.1	5.4	0.07	<0.02	30	0.6	0.05	7.8	0.52	<0.1	0.16
140	Soil		7.2	357.5	2.00	34.3	0.140	<20	2.58	0.005	0.05	<0.1	5.9	0.19	0.02	49	0.8	0.13	6.5	1.12	<0.1	0.10
141	Soil		4.1	292.9	1.40	28.6	0.163	<20	2.22	0.005	0.03	<0.1	4.1	0.17	<0.02	36	0.7	0.07	6.9	0.89	<0.1	0.11
142	Soil		5.8	304.3	1.62	17.2	0.162	<20	2.52	0.005	0.04	<0.1	4.2	0.21	<0.02	41	0.7	0.07	6.2	1.12	0.1	0.10
143	Soil		3.5	232.0	0.66	10.3	0.229	<20	1.65	0.003	0.02	<0.1	3.7	0.08	<0.02	31	0.5	<0.02	10.3	0.61	<0.1	0.12
144	Soil		8.0	330.3	2.14	18.3	0.148	<20	2.42	0.005	0.05	<0.1	6.2	0.24	<0.02	47	0.9	0.11	5.7	0.90	<0.1	0.10
145	Soil		4.2	348.1	1.64	18.4	0.231	<20	2.94	0.005	0.04	<0.1	5.0	0.19	<0.02	25	0.9	0.14	7.0	0.93	<0.1	0.14
146	Soil		4.2	278.3	1.75	20.0	0.230	<20	2.94	0.005	0.04	<0.1	5.1	0.15	<0.02	26	0.7	0.08	6.3	0.75	<0.1	0.10
147	Soil		8.2	280.9	1.81	18.1	0.147	<20	2.05	0.004	0.07	<0.1	5.0	0.27	<0.02	36	0.7	0.05	5.3	1.14	<0.1	0.15
148	Soil		2.9	260.8	1.48	11.2	0.383	<20	2.73	0.005	0.03	<0.1	5.2	0.10	<0.02	31	0.8	0.08	7.3	0.58	0.1	0.09
149	Soil		5.7	482.5	3.60	29.9	0.114	<20	2.46	0.004	0.05	<0.1	7.3	0.15	<0.02	22	1.0	0.10	5.6	0.90	<0.1	0.07
150	Soil		3.6	286.2	1.63	17.6	0.259	<20	2.89	0.005	0.04	<0.1	5.1	0.15	<0.02	41	0.6	0.11	6.6	0.79	<0.1	0.14
151	Soil		8.2	306.2	2.23	20.2	0.151	<20	2.29	0.005	0.07	<0.1	5.7	0.23	<0.02	49	0.8	0.07	5.6	0.95	<0.1	0.15
152	Soil		2.7	289.2	1.43	7.5	0.284	<20	2.51	0.005	0.02	<0.1	4.7	0.04	0.02	53	0.6	0.08	12.1	0.31	<0.1	0.12
153	Soil		9.6	479.7	3.25	35.1	0.138	<20	2.82	0.006	0.07	<0.1	9.0	0.27	<0.02	88	0.9	0.10	6.2	0.99	0.2	0.14

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
124	Soil	1.08	7.7	0.7	<0.05	11.3	2.02	8.9	0.05	<1	0.1	12.5	13	<2
125	Soil	0.68	8.9	0.7	<0.05	12.2	2.44	9.0	0.03	<1	0.3	11.6	12	<2
126	Soil	0.26	9.1	0.5	<0.05	8.0	4.18	15.8	0.04	<1	0.3	11.7	<10	<2
127	Soil	0.13	6.0	0.4	<0.05	8.4	4.35	15.3	0.03	<1	0.3	8.8	<10	2
128	Soil	0.15	13.4	0.4	<0.05	10.4	5.72	23.2	0.03	<1	0.4	10.6	13	5
129	Soil	0.18	11.8	0.5	<0.05	12.0	5.04	21.7	0.04	<1	0.2	8.9	<10	<2
130	Soil	0.19	9.5	0.6	<0.05	12.6	4.53	20.2	0.03	<1	0.2	9.9	<10	4
131	Soil	0.32	15.5	0.8	<0.05	12.6	3.12	17.1	0.05	<1	0.4	15.1	17	3
132	Soil	0.42	10.8	0.4	<0.05	6.3	2.28	10.4	0.03	<1	0.3	9.6	<10	<2
133	Soil	0.15	14.8	0.4	<0.05	9.4	5.84	24.9	0.03	<1	0.3	9.8	17	4
134	Soil	0.27	10.1	0.4	<0.05	7.0	3.72	13.7	0.03	<1	0.3	11.3	11	4
135	Soil	0.23	13.4	0.5	<0.05	10.7	3.23	14.8	0.03	<1	0.2	13.0	<10	5
136	Soil	1.41	7.5	0.6	<0.05	9.3	2.19	8.9	0.05	<1	0.2	11.2	10	3
137	Soil	0.11	12.5	0.5	<0.05	9.1	5.25	19.7	0.02	<1	0.2	10.8	<10	3
138	Soil	0.98	8.4	0.6	<0.05	5.8	2.18	7.4	0.04	<1	0.3	9.3	<10	<2
139	Soil	1.07	3.9	0.5	<0.05	6.9	3.12	11.3	0.03	<1	0.2	10.6	<10	3
140	Soil	0.70	10.4	0.4	<0.05	4.7	4.40	14.0	0.04	<1	0.2	10.2	<10	<2
141	Soil	1.17	7.0	0.5	<0.05	5.7	2.43	9.4	0.03	<1	0.5	10.2	<10	4
142	Soil	1.07	6.5	0.7	<0.05	5.3	2.87	13.6	0.04	<1	0.3	12.3	<10	2
143	Soil	0.55	3.4	0.7	<0.05	5.6	1.98	7.2	0.04	<1	0.2	5.4	<10	<2
144	Soil	0.19	8.0	0.3	<0.05	6.1	4.46	21.6	0.02	<1	0.2	10.4	<10	4
145	Soil	0.46	6.2	0.5	<0.05	6.2	2.65	12.3	0.03	<1	0.2	12.5	<10	4
146	Soil	0.39	5.3	0.4	<0.05	4.7	3.11	12.7	0.03	<1	0.3	13.9	<10	3
147	Soil	0.21	12.8	0.3	<0.05	6.7	4.47	16.7	0.02	<1	0.3	9.6	<10	6
148	Soil	0.87	3.4	0.5	<0.05	4.2	2.64	6.9	0.03	<1	0.1	9.7	<10	2
149	Soil	0.21	9.8	0.4	<0.05	4.4	3.34	14.3	0.04	<1	0.1	11.2	<10	4
150	Soil	0.45	5.5	0.5	<0.05	6.2	2.78	10.0	0.03	<1	0.2	13.8	<10	<2
151	Soil	0.13	9.6	0.4	<0.05	9.2	4.52	17.0	0.04	<1	0.3	10.8	<10	3
152	Soil	1.31	2.0	0.6	<0.05	5.0	1.96	6.1	0.02	<1	0.2	10.1	<10	2
153	Soil	0.24	10.3	0.4	<0.05	7.1	6.26	19.7	0.03	<1	0.2	11.3	16	5

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
154	Soil	1.58	112.8	10.40	77.2	67	204.6	39.2	606	9.18	12.1	0.6	6.5	1.6	4.3	0.26	0.26	0.16	128	0.11
155	Soil	1.46	181.6	8.95	85.7	92	372.6	69.5	1140	8.61	15.1	1.1	3.3	2.0	7.1	0.25	0.22	0.15	97	0.26
156	Soil	1.81	178.3	8.57	54.1	43	387.6	65.7	1143	8.59	15.6	0.8	1.2	1.2	4.0	0.22	0.37	0.08	75	0.15
157	Soil	1.41	67.73	6.74	54.3	14	138.1	25.7	522	5.25	10.2	0.7	1.2	1.6	5.2	0.15	0.27	0.11	73	0.18
158	Soil	0.39	55.07	15.95	40.4	39	197.7	42.5	536	5.15	8.8	0.5	1.2	2.4	3.6	0.13	0.16	0.07	74	0.12
159	Soil	0.72	233.1	21.53	121.9	139	548.6	86.9	1522	7.31	28.2	0.5	1.4	0.8	9.2	0.33	0.51	0.24	118	0.33
161	Soil	0.60	174.2	8.64	69.1	121	426.1	57.3	931	6.39	8.6	0.5	1.0	0.7	9.3	0.40	0.26	0.10	101	0.32
162	Soil	1.15	164.0	12.85	97.1	148	520.4	77.8	1254	8.50	14.3	0.6	1.6	1.1	10.1	0.33	0.36	0.12	110	0.37
163	Soil	1.49	132.6	12.00	88.2	50	288.4	48.8	855	8.68	14.1	0.7	1.7	1.7	6.5	0.25	0.31	0.13	104	0.20
164	Soil	0.12	79.24	17.45	49.1	64	59.7	17.1	463	3.17	9.1	<0.1	<0.2	0.2	11.0	0.13	0.41	0.06	109	0.14
165	Soil	0.22	112.9	39.24	96.5	23	323.8	54.5	907	6.89	40.0	0.1	0.5	0.6	7.1	0.16	0.30	0.10	110	0.20
166	Soil	0.52	95.85	26.42	77.1	61	426.7	63.5	934	6.20	11.7	0.8	1.3	4.0	4.9	0.13	0.21	0.08	95	0.18
167	Soil	1.92	128.3	10.22	75.8	40	182.5	40.9	795	9.36	15.1	0.7	0.5	1.7	4.3	0.16	0.33	0.17	112	0.13
168	Soil	1.74	183.5	11.13	97.4	38	247.1	50.2	847	9.81	17.0	0.9	10.3	1.9	5.4	0.27	0.28	0.16	111	0.18
169	Soil	1.08	105.6	11.98	65.8	75	171.7	28.3	520	7.27	11.8	0.6	4.2	1.3	9.0	0.19	0.27	0.15	141	0.32
170	Soil	1.39	159.6	20.96	97.2	97	253.6	43.9	827	8.31	23.5	0.8	1.4	1.5	8.8	0.31	0.31	0.19	133	0.30
171	Soil	1.40	147.0	7.94	69.3	37	181.7	33.9	586	8.52	13.3	0.8	1.2	1.8	5.4	0.20	0.22	0.13	112	0.19
172	Soil	1.76	141.1	11.50	76.2	41	167.4	30.4	613	9.90	19.5	0.9	1.3	1.9	4.8	0.16	0.26	0.17	116	0.15
173	Soil	2.00	132.6	9.22	90.7	149	188.7	37.6	650	9.75	232.2	0.8	1.0	2.0	4.8	0.22	1.40	0.16	110	0.14
174	Soil	2.22	140.9	8.98	66.7	98	166.9	31.3	616	9.12	19.1	1.0	1.5	2.0	4.3	0.19	0.28	0.14	93	0.12
175	Soil	1.64	98.65	9.69	87.3	51	202.8	35.9	884	9.17	16.1	0.7	1.2	1.8	4.7	0.23	0.35	0.14	111	0.16
176	Soil	1.82	116.9	9.65	77.9	100	132.4	22.9	543	11.01	15.5	0.7	1.1	1.8	3.3	0.13	0.28	0.18	120	0.10
177	Soil	1.77	111.4	8.19	69.7	81	140.1	26.5	572	9.61	13.2	0.7	1.4	1.9	4.3	0.11	0.25	0.16	137	0.13
178	Soil	1.54	111.2	8.54	73.0	52	165.1	33.5	671	8.72	12.5	0.7	0.5	1.7	5.7	0.18	0.29	0.16	129	0.19
179	Soil	1.51	97.28	9.90	61.0	17	167.7	31.1	512	6.89	14.1	0.7	0.8	1.8	5.1	0.20	0.54	0.12	81	0.16
180	Soil	1.22	103.9	7.40	63.0	16	211.9	36.7	575	6.41	11.6	0.8	1.4	2.4	4.8	0.18	0.80	0.11	74	0.16
181	Soil	0.85	74.94	6.85	53.6	9	172.9	31.2	512	5.43	8.7	0.6	0.5	1.6	4.4	0.17	0.54	0.09	69	0.13
182	Soil	1.06	93.13	17.27	58.1	21	195.5	41.9	583	6.76	12.0	0.6	4.0	1.8	4.6	0.22	0.80	0.13	78	0.14
183	Soil	2.24	104.1	9.71	62.9	45	219.3	37.8	767	7.38	20.6	1.0	2.1	2.2	5.2	0.18	0.43	0.17	78	0.15
184	Soil	1.43	133.0	7.42	61.8	37	253.2	44.2	752	7.67	12.1	0.8	0.8	2.2	5.1	0.16	0.24	0.12	92	0.16

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Client: **Rockland Minerals Corp.**
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
 Report Date: October 28, 2008

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
154	Soil	3.7	366.9	1.47	28.8	0.189	<20	2.33	0.004	0.03	<0.1	4.8	0.12	0.02	38	0.8	0.12	8.2	0.86	<0.1	0.14
155	Soil	8.4	367.4	2.86	26.3	0.173	<20	2.71	0.006	0.07	<0.1	8.1	0.22	<0.02	84	0.6	0.10	6.2	0.85	0.2	0.17
156	Soil	5.3	330.8	2.73	14.8	0.125	<20	1.41	0.003	0.02	<0.1	5.6	0.07	<0.02	35	0.8	0.09	3.7	0.23	0.1	0.09
157	Soil	5.7	239.8	1.71	16.1	0.136	<20	1.63	0.005	0.04	<0.1	4.7	0.10	<0.02	28	0.5	0.05	4.4	0.48	<0.1	0.11
158	Soil	4.9	246.6	2.03	32.4	0.153	<20	1.80	0.006	0.25	<0.1	5.5	0.18	<0.02	15	0.3	0.02	8.5	2.76	<0.1	0.09
159	Soil	8.4	788.4	4.11	23.6	0.130	<20	4.03	0.007	0.08	<0.1	8.7	0.13	0.04	59	0.9	0.07	8.3	2.69	0.1	0.05
161	Soil	5.8	405.0	2.32	38.7	0.131	<20	2.52	0.008	0.03	<0.1	7.2	0.06	0.02	46	0.4	0.02	6.5	0.82	<0.1	0.05
162	Soil	5.7	474.8	3.21	41.7	0.155	<20	3.11	0.007	0.05	<0.1	8.1	0.14	0.03	81	0.7	0.10	7.0	1.20	<0.1	0.08
163	Soil	5.2	377.1	2.31	26.3	0.158	<20	2.80	0.006	0.06	<0.1	6.0	0.19	<0.02	40	0.7	0.07	6.6	1.67	<0.1	0.11
164	Soil	0.8	153.6	1.04	13.8	0.292	<20	1.45	0.005	0.11	<0.1	3.6	0.07	<0.02	30	0.3	<0.02	4.2	1.12	<0.1	0.05
165	Soil	2.5	483.2	3.36	23.6	0.182	<20	3.54	0.005	0.06	<0.1	6.2	0.07	<0.02	17	0.4	<0.02	7.7	1.28	<0.1	0.05
166	Soil	12.5	310.4	3.27	65.6	0.175	<20	2.66	0.006	0.54	<0.1	8.0	0.39	<0.02	22	0.6	<0.02	8.5	4.31	0.2	0.23
167	Soil	3.5	361.0	1.66	23.7	0.197	<20	2.42	0.004	0.06	<0.1	4.7	0.16	0.02	114	0.7	0.08	7.2	1.02	<0.1	0.19
168	Soil	5.0	401.1	2.14	23.7	0.195	<20	3.18	0.004	0.05	<0.1	6.2	0.19	<0.02	33	0.8	0.09	6.9	0.97	<0.1	0.13
169	Soil	3.9	262.7	1.68	36.4	0.334	<20	2.60	0.006	0.04	<0.1	5.3	0.10	<0.02	29	0.7	0.03	8.8	0.52	<0.1	0.12
170	Soil	7.4	331.5	2.00	47.5	0.221	<20	3.18	0.006	0.05	<0.1	6.6	0.17	<0.02	41	0.7	0.06	8.7	1.06	<0.1	0.10
171	Soil	4.8	293.3	1.61	17.6	0.215	<20	2.84	0.005	0.04	<0.1	5.3	0.20	<0.02	39	0.8	0.09	6.9	0.80	<0.1	0.15
172	Soil	4.0	355.7	1.77	15.3	0.200	<20	3.10	0.005	0.05	<0.1	5.3	0.18	<0.02	28	1.0	0.11	7.7	1.01	<0.1	0.18
173	Soil	4.5	356.9	1.65	20.5	0.168	<20	3.03	0.005	0.05	<0.1	4.9	0.22	<0.02	45	1.1	0.10	7.4	1.15	<0.1	0.15
174	Soil	4.6	336.0	1.76	17.2	0.123	<20	2.54	0.004	0.05	<0.1	4.2	0.23	<0.02	24	1.3	0.05	5.9	1.08	<0.1	0.11
175	Soil	3.8	410.6	2.06	28.1	0.198	<20	2.59	0.005	0.06	<0.1	4.6	0.16	<0.02	34	0.7	0.05	7.5	1.17	<0.1	0.11
176	Soil	3.4	351.7	1.48	16.4	0.176	<20	2.81	0.004	0.04	<0.1	4.6	0.16	<0.02	24	1.0	0.10	8.8	0.89	0.1	0.21
177	Soil	3.7	346.0	1.56	19.2	0.235	<20	2.62	0.004	0.04	<0.1	4.4	0.14	<0.02	26	0.7	0.09	9.0	0.99	<0.1	0.14
178	Soil	4.0	356.4	1.71	26.1	0.231	<20	2.55	0.005	0.04	<0.1	4.8	0.12	<0.02	24	0.7	0.10	7.8	0.92	<0.1	0.10
179	Soil	5.1	244.4	1.37	12.5	0.136	<20	1.56	0.004	0.04	<0.1	3.9	0.09	<0.02	26	0.6	0.05	4.7	0.51	<0.1	0.10
180	Soil	8.9	253.2	1.46	17.0	0.127	<20	1.51	0.003	0.05	<0.1	4.9	0.10	<0.02	25	0.7	0.04	4.5	0.53	<0.1	0.12
181	Soil	5.4	226.6	1.52	14.6	0.118	<20	1.41	0.003	0.04	<0.1	3.9	0.07	<0.02	16	0.6	0.04	4.3	0.39	<0.1	0.06
182	Soil	5.2	288.3	1.58	16.0	0.105	<20	1.65	0.003	0.03	<0.1	3.8	0.07	<0.02	16	0.6	0.03	4.9	0.62	<0.1	0.09
183	Soil	8.6	241.5	1.71	20.1	0.127	<20	1.47	0.004	0.05	<0.1	5.3	0.13	<0.02	46	0.9	0.07	4.4	0.50	<0.1	0.14
184	Soil	6.5	295.2	2.00	27.2	0.148	<20	2.25	0.004	0.07	<0.1	5.5	0.15	<0.02	33	0.9	0.07	6.4	0.88	<0.1	0.08

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
154	Soil	1.28	6.3	0.6	<0.05	5.7	2.38	9.1	0.04	<1	0.3	9.8	<10	6
155	Soil	0.10	9.0	0.5	<0.05	7.3	5.71	18.2	0.03	<1	0.2	10.9	<10	5
156	Soil	0.20	2.6	0.3	<0.05	3.9	4.65	12.2	0.03	<1	<0.1	5.6	11	4
157	Soil	0.17	5.4	0.3	<0.05	5.6	2.94	10.0	0.02	<1	0.2	8.5	<10	4
158	Soil	0.39	36.3	0.6	<0.05	4.6	2.29	8.5	<0.02	<1	0.2	10.7	<10	2
159	Soil	0.90	12.6	0.4	<0.05	2.6	9.16	10.3	0.03	<1	0.3	21.8	<10	7
161	Soil	1.01	5.5	0.4	<0.05	2.2	5.29	8.6	0.03	<1	0.1	9.7	<10	4
162	Soil	1.04	11.8	0.4	<0.05	3.5	4.66	10.6	0.03	<1	0.2	13.5	12	7
163	Soil	0.58	11.9	0.4	<0.05	5.8	3.47	10.4	0.02	<1	0.3	13.2	<10	6
164	Soil	0.39	13.2	0.3	<0.05	1.9	1.48	1.5	<0.02	<1	<0.1	8.7	<10	8
165	Soil	0.13	10.2	0.3	<0.05	2.0	3.41	4.3	0.03	<1	0.2	24.8	<10	9
166	Soil	0.08	60.7	0.4	<0.05	10.7	5.76	22.2	0.02	<1	0.4	20.0	10	6
167	Soil	0.86	11.0	0.6	<0.05	7.7	2.04	8.4	0.03	2	0.3	9.9	<10	<2
168	Soil	0.32	7.1	0.5	<0.05	6.9	3.17	11.7	0.05	<1	0.2	13.8	<10	8
169	Soil	0.65	5.5	0.6	<0.05	5.2	2.67	8.0	0.03	<1	0.1	8.3	<10	6
170	Soil	0.59	9.4	0.6	<0.05	5.1	4.57	13.8	0.03	<1	0.2	12.2	<10	6
171	Soil	0.36	5.7	0.4	<0.05	7.1	3.02	11.0	0.03	<1	0.1	12.3	<10	3
172	Soil	0.46	6.4	0.5	<0.05	8.3	2.49	8.5	0.05	<1	0.2	11.7	<10	4
173	Soil	0.88	9.0	0.5	<0.05	7.9	2.47	9.6	0.03	<1	0.3	14.4	<10	6
174	Soil	0.29	9.0	0.4	<0.05	5.9	2.39	9.8	0.03	<1	0.2	12.7	12	9
175	Soil	0.78	9.1	0.5	<0.05	5.4	2.06	8.1	0.03	<1	0.1	10.0	<10	3
176	Soil	0.57	5.2	0.5	<0.05	9.7	1.94	6.3	0.04	1	0.3	9.5	<10	<2
177	Soil	0.52	6.0	0.5	<0.05	7.0	2.06	8.0	0.03	1	<0.1	9.7	<10	<2
178	Soil	0.81	7.4	0.7	<0.05	5.5	2.38	8.4	0.03	<1	0.2	9.0	<10	7
179	Soil	0.22	4.9	0.3	<0.05	5.2	2.57	10.6	0.03	<1	<0.1	8.4	14	6
180	Soil	0.19	6.3	0.3	<0.05	5.2	4.05	15.7	0.03	<1	0.3	7.6	<10	4
181	Soil	0.28	5.1	0.3	<0.05	3.6	2.79	10.8	0.02	<1	0.2	6.6	<10	7
182	Soil	0.28	5.8	0.3	<0.05	4.2	2.22	10.2	0.03	<1	0.1	11.4	<10	6
183	Soil	0.14	6.4	0.3	<0.05	7.5	4.17	16.9	0.03	<1	0.1	7.7	<10	24
184	Soil	0.44	8.6	0.4	<0.05	5.5	3.37	13.8	0.03	<1	0.2	9.8	<10	3

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
185	Soil	2.06	157.1	10.35	75.9	30	270.8	48.1	782	9.21	16.7	1.0	2.2	2.4	4.9	0.20	0.29	0.18	106	0.15	0.034
186	Soil	1.71	128.7	9.26	75.0	38	379.1	66.1	947	8.53	13.8	0.9	1.5	2.1	4.7	0.17	0.27	0.16	90	0.15	0.028
187	Soil	1.71	103.5	10.02	94.0	53	191.3	47.6	837	11.08	15.5	0.7	1.9	2.0	4.3	0.17	0.24	0.18	118	0.10	0.032
188	Soil	1.67	148.2	7.34	69.5	53	487.8	85.8	1072	10.92	13.4	0.7	1.7	1.5	4.6	0.17	0.18	0.13	93	0.12	0.029
189	Soil	1.42	233.4	8.36	66.7	30	681.0	90.7	1126	9.68	14.8	1.0	4.5	2.0	4.7	0.25	0.20	0.12	84	0.14	0.026
190	Soil	1.83	171.4	8.83	87.2	36	198.4	44.0	790	9.50	14.6	0.9	4.8	2.0	5.9	0.19	0.24	0.16	112	0.19	0.035
191	Soil	1.71	150.4	8.08	87.7	27	193.8	42.1	723	9.91	11.6	0.8	0.8	1.9	5.9	0.20	0.23	0.14	145	0.18	0.031
192	Soil	1.79	157.2	8.51	73.8	24	228.5	40.8	768	10.03	13.0	0.9	1.9	1.9	5.4	0.18	0.23	0.15	131	0.17	0.033
193	Soil	1.36	134.4	5.76	57.6	14	290.7	49.1	836	7.60	12.8	0.8	1.7	1.6	5.1	0.16	0.19	0.10	86	0.19	0.024
194	Soil	1.44	149.3	6.01	57.7	20	350.4	65.2	779	7.78	13.0	0.6	3.1	1.3	3.6	0.18	0.29	0.12	87	0.13	0.025
195	Soil	1.55	158.9	5.84	50.8	44	293.8	36.3	645	6.24	14.0	0.7	2.0	1.5	3.4	0.16	0.48	0.13	64	0.12	0.023
196	Soil	1.43	166.0	6.09	59.3	28	389.5	57.4	710	7.02	11.7	0.7	2.2	1.4	3.6	0.19	0.41	0.11	74	0.13	0.024
197	Soil	1.32	203.9	6.78	62.3	32	362.7	49.1	536	7.42	12.8	0.8	1.8	1.4	3.1	0.19	0.48	0.16	83	0.10	0.030
198	Soil	1.38	178.6	7.15	52.9	79	410.4	53.6	529	7.61	9.9	0.5	1.7	1.1	4.5	0.18	0.37	0.14	110	0.11	0.034
199	Soil	2.10	174.9	6.32	68.2	29	206.5	37.3	726	8.83	15.0	0.8	1.8	1.7	3.7	0.14	0.26	0.13	97	0.12	0.028
200	Soil	1.57	192.0	7.26	67.2	41	410.0	65.1	621	7.80	14.5	0.9	2.9	1.8	3.7	0.19	0.39	0.14	83	0.13	0.024
201	Soil	1.53	97.97	6.80	61.9	50	132.9	26.0	552	5.71	12.3	0.8	2.3	1.9	4.0	0.18	0.41	0.14	73	0.16	0.024
202	Soil	1.65	82.00	6.36	47.8	28	119.8	30.0	472	5.62	13.0	0.7	3.3	1.4	3.6	0.14	0.33	0.11	71	0.14	0.020
203	Soil	2.75	93.27	8.27	53.6	52	163.3	24.4	497	7.16	21.5	1.0	2.2	1.8	3.7	0.22	0.54	0.15	74	0.11	0.031
204	Soil	2.36	93.86	7.57	52.1	23	153.0	22.9	482	6.91	19.4	0.9	2.9	1.7	4.1	0.18	0.53	0.14	74	0.12	0.025
205	Soil	1.41	76.08	7.08	51.9	23	135.5	21.6	427	5.99	12.0	0.6	1.4	1.6	4.1	0.13	0.44	0.13	83	0.13	0.019
206	Soil	1.22	114.6	9.23	60.3	55	385.3	44.4	513	6.30	11.8	0.8	3.3	1.7	4.1	0.24	0.45	0.12	73	0.15	0.020
207	Soil	1.75	105.2	10.07	65.0	23	207.2	34.2	487	7.97	14.0	0.6	1.5	1.6	3.5	0.13	0.51	0.16	112	0.11	0.028
208	Soil	1.65	115.8	6.52	71.4	30	164.4	29.9	654	6.48	12.2	0.8	3.1	1.6	4.8	0.18	0.32	0.12	80	0.16	0.025
209	Soil	1.89	100.0	8.93	60.4	55	132.3	25.8	509	8.74	15.3	0.6	4.9	1.5	3.8	0.14	0.37	0.15	104	0.12	0.029
210	Soil	2.30	130.6	9.73	56.1	21	235.6	42.5	724	7.80	19.2	0.9	2.3	1.9	4.5	0.16	0.44	0.15	80	0.13	0.025
211	Soil	1.11	54.76	6.03	36.5	211	54.8	11.3	261	5.55	5.6	0.4	0.4	1.0	3.5	0.07	0.28	0.12	134	0.10	0.022
212	Soil	3.40	156.0	12.75	78.0	69	133.5	22.4	468	10.68	26.8	1.1	3.6	2.7	2.6	0.15	0.52	0.30	115	0.06	0.045
213	Soil	1.89	146.0	11.19	80.8	33	310.1	81.6	1717	8.42	19.1	1.0	4.4	2.1	4.8	0.22	0.45	0.20	96	0.14	0.027
214	Soil	2.34	129.2	9.49	63.1	24	155.0	33.7	650	7.40	19.8	1.1	2.9	2.2	4.2	0.24	0.45	0.18	87	0.12	0.028

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Client: Rockland Minerals Corp.
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
Report Date: October 28, 2008

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	Analyte	Unit	MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F			
					La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
					ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
					0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
185	Soil				6.3	332.5	1.97	26.4	0.154	<20	2.77	0.004	0.06	<0.1	5.6	0.22	<0.02	48	0.8	0.10	6.9	1.14	<0.1	0.12
186	Soil				6.1	357.1	2.46	22.5	0.126	<20	2.34	0.004	0.05	<0.1	6.3	0.15	<0.02	47	0.9	0.05	5.9	0.85	<0.1	0.11
187	Soil				3.5	408.0	2.08	22.9	0.153	<20	2.68	0.003	0.04	<0.1	4.8	0.11	<0.02	29	1.0	0.06	8.9	0.96	<0.1	0.17
188	Soil				3.7	445.6	5.13	28.3	0.115	<20	2.94	0.004	0.05	<0.1	5.9	0.16	<0.02	21	1.0	0.07	6.9	1.24	<0.1	0.07
189	Soil				8.0	404.3	4.21	21.2	0.122	<20	2.28	0.004	0.05	<0.1	7.4	0.16	<0.02	47	0.8	0.10	4.9	0.67	0.1	0.10
190	Soil				5.1	335.3	1.92	23.5	0.194	<20	3.15	0.005	0.06	<0.1	5.6	0.21	<0.02	40	1.0	0.05	6.9	1.05	<0.1	0.15
191	Soil				4.6	338.5	1.77	24.5	0.250	<20	3.07	0.005	0.04	<0.1	5.8	0.21	<0.02	62	0.9	<0.02	8.5	0.94	<0.1	0.15
192	Soil				4.9	320.6	1.79	24.0	0.224	<20	2.82	0.004	0.05	<0.1	5.7	0.18	<0.02	36	1.1	0.07	8.2	0.90	<0.1	0.14
193	Soil				5.7	289.6	2.02	17.3	0.144	<20	1.81	0.004	0.04	<0.1	4.9	0.13	<0.02	20	0.7	0.08	5.0	0.67	<0.1	0.10
194	Soil				3.5	269.9	1.84	17.6	0.150	<20	2.08	0.004	0.03	<0.1	4.4	0.12	<0.02	23	0.5	0.09	4.9	0.64	<0.1	0.08
195	Soil				6.6	192.1	1.33	12.8	0.111	<20	1.22	0.003	0.04	<0.1	4.2	0.09	<0.02	27	0.5	0.03	3.4	0.34	0.1	0.09
196	Soil				6.3	245.8	1.75	16.5	0.128	<20	1.61	0.004	0.04	<0.1	5.2	0.12	<0.02	30	0.4	0.05	4.2	0.53	0.1	0.09
197	Soil				3.8	258.4	1.56	12.4	0.155	<20	1.73	0.003	0.03	<0.1	3.8	0.10	<0.02	20	0.3	0.11	4.8	0.63	<0.1	0.07
198	Soil				3.9	293.7	1.51	28.9	0.140	<20	1.60	0.005	0.03	<0.1	4.5	0.08	0.02	33	0.3	0.04	6.3	0.60	0.1	0.08
199	Soil				4.7	290.4	1.65	19.3	0.155	<20	2.33	0.004	0.05	<0.1	4.7	0.18	<0.02	33	0.8	0.08	5.8	0.88	0.2	0.09
200	Soil				7.1	280.8	1.93	17.3	0.132	<20	2.06	0.004	0.05	<0.1	5.9	0.18	<0.02	41	0.7	0.05	4.9	0.77	0.1	0.14
201	Soil				7.4	175.6	1.26	20.0	0.140	<20	1.53	0.006	0.05	<0.1	5.2	0.13	<0.02	49	0.4	0.06	4.2	0.48	0.2	0.12
202	Soil				5.9	170.6	1.11	17.0	0.127	<20	1.41	0.004	0.03	<0.1	4.0	0.12	<0.02	35	0.5	0.11	4.1	0.46	<0.1	0.11
203	Soil				6.4	182.0	1.08	13.7	0.115	<20	1.18	0.005	0.04	<0.1	5.0	0.11	<0.02	68	0.7	0.10	3.9	0.42	0.2	0.17
204	Soil				7.0	176.8	1.05	14.2	0.129	<20	1.22	0.004	0.04	<0.1	4.5	0.10	<0.02	49	0.7	0.09	3.6	0.38	0.2	0.15
205	Soil				5.9	204.5	1.25	17.6	0.144	<20	1.54	0.005	0.04	<0.1	4.2	0.10	<0.02	32	0.5	0.02	5.1	0.43	0.1	0.07
206	Soil				8.2	281.4	1.92	18.8	0.130	<20	1.55	0.005	0.05	<0.1	6.4	0.14	<0.02	44	0.5	0.05	4.2	0.59	0.2	0.12
207	Soil				4.4	308.3	1.71	12.2	0.177	<20	2.40	0.005	0.03	<0.1	5.0	0.11	<0.02	33	0.7	0.08	6.9	0.66	<0.1	0.09
208	Soil				6.1	231.7	1.62	20.2	0.149	<20	1.78	0.005	0.08	<0.1	4.9	0.19	<0.02	37	0.6	0.06	5.1	0.88	0.2	0.11
209	Soil				3.9	268.0	1.41	15.7	0.193	<20	2.64	0.004	0.04	<0.1	4.5	0.14	<0.02	31	0.7	0.11	6.2	0.75	<0.1	0.18
210	Soil				6.7	270.6	1.75	19.7	0.130	<20	1.56	0.004	0.05	<0.1	5.2	0.17	<0.02	82	1.0	0.09	4.2	0.67	0.1	0.14
211	Soil				3.3	140.6	0.72	28.1	0.250	<20	1.45	0.004	0.03	<0.1	3.1	0.06	<0.02	52	0.2	0.04	8.1	0.48	<0.1	0.10
212	Soil				4.2	303.1	1.25	19.3	0.154	<20	3.05	0.003	0.08	<0.1	5.1	0.33	0.02	101	1.4	0.16	7.0	1.51	0.1	0.21
213	Soil				7.9	317.7	2.00	33.2	0.159	<20	2.58	0.005	0.06	<0.1	7.2	0.27	<0.02	149	0.8	0.13	5.8	0.90	<0.1	0.12
214	Soil				9.6	222.5	1.34	22.7	0.139	<20	1.73	0.005	0.07	<0.1	5.3	0.26	<0.02	70	1.0	0.09	5.3	1.01	0.1	0.16

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
185	Soil	0.36	9.5	0.6	<0.05	6.7	3.09	14.9	0.04	<1	0.3	12.8	49	3
186	Soil	0.20	8.0	0.5	<0.05	5.5	3.35	13.1	0.03	<1	0.2	9.9	11	3
187	Soil	0.33	5.7	0.5	<0.05	8.9	1.85	7.2	0.04	<1	0.2	10.7	14	7
188	Soil	0.20	7.2	0.5	<0.05	4.2	2.28	8.8	0.03	<1	0.3	11.0	68	14
189	Soil	0.10	6.7	0.3	<0.05	5.5	4.18	20.5	0.05	<1	0.3	7.2	13	11
190	Soil	0.35	7.8	0.5	<0.05	7.8	3.09	14.2	0.03	<1	0.3	14.4	<10	4
191	Soil	0.38	6.1	0.6	<0.05	7.5	3.08	12.5	0.03	1	0.4	12.8	<10	<2
192	Soil	0.37	6.4	0.5	<0.05	6.5	2.84	13.3	0.04	<1	0.3	12.6	13	5
193	Soil	0.21	5.8	0.4	<0.05	4.7	3.41	12.9	<0.02	2	0.2	8.9	<10	2
194	Soil	0.35	4.6	0.4	<0.05	3.6	2.17	10.0	0.03	<1	0.1	11.3	32	3
195	Soil	0.19	4.2	0.3	<0.05	4.8	3.29	13.0	<0.02	<1	0.1	6.9	12	6
196	Soil	0.19	5.7	0.3	<0.05	4.5	3.69	12.9	0.02	<1	0.1	8.2	18	6
197	Soil	0.41	4.2	0.3	<0.05	4.2	1.96	8.8	0.03	<1	0.1	9.4	13	3
198	Soil	1.59	5.1	0.5	<0.05	3.4	2.44	9.7	0.02	<1	0.1	6.6	19	5
199	Soil	0.31	6.7	0.3	<0.05	5.5	2.63	11.1	0.03	<1	0.3	10.9	20	11
200	Soil	0.18	7.1	0.3	<0.05	7.1	3.98	16.8	0.02	<1	0.2	9.7	12	3
201	Soil	0.14	5.8	0.3	<0.05	6.7	3.80	14.5	<0.02	<1	0.1	8.3	<10	3
202	Soil	0.30	4.2	0.2	<0.05	5.2	2.96	12.6	<0.02	<1	0.2	8.2	16	<2
203	Soil	0.17	4.8	0.3	<0.05	7.4	3.44	12.5	0.02	<1	0.2	6.7	13	<2
204	Soil	0.20	4.3	0.4	<0.05	7.4	3.58	13.6	0.03	<1	0.2	6.8	<10	5
205	Soil	0.37	5.1	0.4	<0.05	4.3	2.70	11.6	0.02	<1	0.1	8.0	<10	3
206	Soil	0.20	6.5	0.3	<0.05	6.4	5.07	17.3	<0.02	<1	<0.1	9.1	13	5
207	Soil	0.58	5.2	0.5	<0.05	4.6	2.04	10.0	0.04	<1	0.2	12.4	<10	7
208	Soil	0.43	10.0	0.3	<0.05	5.6	3.05	13.2	<0.02	<1	0.1	11.3	11	<2
209	Soil	0.88	5.1	0.5	<0.05	7.6	1.95	8.0	0.03	<1	0.3	13.5	18	<2
210	Soil	0.20	6.7	0.3	<0.05	7.8	2.98	16.2	0.03	<1	0.3	8.4	13	6
211	Soil	0.97	3.5	0.5	<0.05	4.5	1.74	6.5	<0.02	<1	<0.1	5.4	<10	4
212	Soil	0.72	10.9	0.7	<0.05	10.5	1.77	9.2	0.04	1	0.3	14.6	<10	<2
213	Soil	0.23	7.8	0.5	<0.05	6.4	3.88	19.1	0.03	<1	0.2	12.1	25	4
214	Soil	0.27	9.2	0.5	<0.05	8.6	3.92	19.1	0.03	<1	0.2	9.8	<10	5

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
215	Soil	2.72	155.0	11.38	77.9	113	174.5	34.9	687	9.57	21.9	1.1	3.0	2.5	4.0	0.16	0.50	0.26	114	0.10
216	Soil	1.94	128.2	7.12	52.2	153	120.4	30.4	516	7.68	13.4	0.8	3.5	1.8	3.4	0.15	0.32	0.12	96	0.11
217	Soil	2.21	122.8	7.72	56.2	74	103.5	22.4	490	7.39	18.5	0.9	2.3	1.8	3.8	0.13	0.39	0.17	91	0.10
218	Soil	2.61	145.7	10.73	69.5	124	137.6	36.9	710	8.54	23.7	1.1	3.3	2.2	3.6	0.18	0.50	0.26	97	0.09
219	Soil	1.59	90.64	6.78	50.3	377	79.0	16.1	361	7.01	11.2	0.7	1.7	1.7	3.7	0.12	0.28	0.15	108	0.10
220	Soil	0.79	29.26	7.08	15.3	209	18.7	3.5	82	2.55	4.5	0.6	1.0	1.1	3.3	0.05	0.24	0.23	162	0.08
221	Soil	2.00	164.7	6.94	68.5	39	143.3	26.1	698	7.17	13.9	1.0	1.3	2.4	4.1	0.14	0.31	0.14	82	0.09
222	Soil	2.23	144.9	7.68	61.5	29	152.4	28.9	677	7.69	18.7	1.0	2.2	2.1	3.7	0.17	0.37	0.16	84	0.11
223	Soil	2.26	163.1	7.86	58.3	27	130.7	27.4	587	8.02	17.8	1.0	2.4	2.4	3.7	0.08	0.32	0.17	89	0.09
224	Soil	2.13	166.9	8.44	75.7	30	178.1	34.6	692	9.29	16.6	0.9	1.1	2.2	3.8	0.16	0.27	0.17	111	0.09
225	Soil	4.52	264.3	11.73	117.4	206	252.5	33.5	591	13.09	21.1	1.5	3.6	2.5	4.9	0.17	0.44	0.41	170	0.11
226	Soil	2.07	151.4	7.70	61.1	32	120.1	23.8	588	7.73	16.3	1.0	2.0	2.4	3.9	0.10	0.31	0.13	85	0.10
227	Soil	2.00	143.9	6.93	73.3	96	151.4	29.3	738	8.67	14.3	0.9	1.2	2.2	4.6	0.23	0.30	0.16	109	0.13
228	Soil	0.96	87.56	4.73	57.9	130	88.4	21.1	419	7.30	8.2	0.4	0.4	1.0	3.6	0.18	0.25	0.08	109	0.13
229	Soil	1.19	114.0	5.59	69.9	34	500.8	77.1	1303	7.87	9.3	0.6	1.7	1.3	3.6	0.25	0.16	0.08	70	0.17
230	Soil	2.05	137.1	6.90	65.1	59	212.3	40.6	760	7.67	14.7	0.9	4.8	1.7	4.4	0.23	0.31	0.16	84	0.17
231	Soil	1.29	113.6	5.22	63.6	34	127.7	27.4	499	7.59	10.6	0.6	2.5	1.1	4.6	0.18	0.26	0.11	106	0.16
232	Soil	1.69	150.6	7.24	80.8	44	196.3	42.3	785	8.79	13.3	0.7	6.4	1.5	4.0	0.27	0.31	0.14	109	0.12
233	Soil	1.98	102.4	6.24	52.5	52	112.1	17.4	432	9.37	13.3	0.7	2.6	1.8	2.9	0.14	0.32	0.16	141	0.08
234	Soil	0.94	98.77	5.90	61.1	32	128.8	25.7	488	7.12	5.2	0.5	2.7	1.1	4.6	0.18	0.24	0.11	128	0.15
235	Soil	1.91	110.3	6.18	56.8	29	267.4	41.5	744	7.80	15.0	0.7	2.9	1.5	3.3	0.21	0.31	0.12	75	0.10
236	Soil	2.16	183.2	7.29	70.2	44	351.1	60.9	1069	9.49	15.7	1.1	2.9	2.0	3.4	0.20	0.30	0.12	90	0.12
237	Soil	2.61	200.1	7.71	63.3	22	276.7	48.7	798	9.71	18.2	1.3	3.8	2.2	2.9	0.20	0.31	0.13	89	0.08
238	Soil	2.15	157.9	7.33	83.4	30	161.5	34.9	656	9.48	16.2	0.9	2.0	1.9	3.5	0.23	0.31	0.13	114	0.10
239	Soil	2.05	116.6	6.46	76.8	78	123.7	21.1	564	9.67	14.9	0.8	4.1	1.6	3.3	0.13	0.29	0.13	97	0.09
241	Soil	1.43	147.9	5.65	78.8	52	153.3	36.2	590	7.37	11.8	0.7	1.4	1.3	4.1	0.26	0.28	0.09	90	0.14
242	Soil	1.66	137.4	5.64	66.0	12	244.9	45.9	747	7.64	13.2	0.8	1.8	1.6	4.0	0.22	0.24	0.09	81	0.14
243	Soil	1.64	109.8	5.77	64.4	25	155.8	26.8	584	7.79	13.8	0.7	1.5	1.5	3.9	0.13	0.27	0.12	89	0.11
244	Soil	1.32	97.48	7.13	73.5	17	265.5	58.6	1009	8.25	10.3	0.6	4.4	1.2	4.0	0.20	0.20	0.10	85	0.13
245	Soil	1.99	155.6	8.25	84.1	29	200.8	37.2	652	9.22	15.0	0.8	2.0	1.6	3.5	0.25	0.30	0.14	102	0.10

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	Analyte	Unit	MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F			
					La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
					ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
					0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
215	Soil		7.6	293.8	1.52	25.3	0.166	<20	2.96	0.005	0.08	<0.1	6.0	0.33	<0.02	118	1.4	0.12	7.5	1.32	<0.1	0.16		
216	Soil		4.8	222.2	1.15	20.1	0.188	<20	2.33	0.004	0.06	<0.1	4.3	0.17	0.02	48	0.7	0.08	5.9	0.88	0.1	0.16		
217	Soil		6.7	217.6	1.14	16.1	0.144	<20	1.77	0.004	0.06	<0.1	4.8	0.18	<0.02	50	1.1	0.10	5.2	0.77	0.1	0.14		
218	Soil		6.6	264.7	1.15	19.3	0.148	<20	2.34	0.004	0.05	<0.1	5.1	0.27	<0.02	77	1.5	0.12	5.5	0.88	0.1	0.14		
219	Soil		3.8	199.5	0.98	18.3	0.191	<20	2.17	0.003	0.06	<0.1	3.9	0.13	<0.02	38	0.7	0.03	7.6	0.83	<0.1	0.14		
220	Soil		3.0	85.4	0.26	11.3	0.241	<20	1.16	0.004	0.02	<0.1	3.1	0.03	<0.02	36	0.3	0.05	10.1	0.32	<0.1	0.12		
221	Soil		7.4	225.3	1.32	28.3	0.131	<20	2.30	0.003	0.10	<0.1	5.1	0.22	<0.02	65	1.0	0.11	6.1	1.33	<0.1	0.11		
222	Soil		8.6	225.1	1.29	19.8	0.123	<20	1.60	0.004	0.08	<0.1	4.8	0.20	<0.02	46	0.9	0.09	4.9	0.96	<0.1	0.16		
223	Soil		7.4	233.7	1.21	22.6	0.128	<20	1.80	0.005	0.10	<0.1	4.5	0.22	<0.02	48	1.3	0.09	5.4	1.24	<0.1	0.12		
224	Soil		5.3	293.5	1.59	23.8	0.156	<20	2.86	0.003	0.09	<0.1	4.8	0.31	<0.02	30	0.7	0.12	7.2	1.46	0.1	0.13		
225	Soil		8.3	428.5	1.46	63.7	0.215	<20	4.19	0.004	0.11	<0.1	8.0	0.39	0.04	88	1.0	0.14	11.4	1.89	<0.1	0.11		
226	Soil		7.1	248.7	1.39	26.0	0.136	<20	2.09	0.004	0.14	<0.1	4.6	0.26	<0.02	84	1.4	0.16	5.6	1.46	0.1	0.19		
227	Soil		6.1	280.6	1.49	40.2	0.178	<20	2.65	0.004	0.08	<0.1	5.2	0.22	<0.02	37	0.8	0.07	7.3	1.35	<0.1	0.07		
228	Soil		3.4	193.9	1.13	10.4	0.294	<20	2.28	0.005	0.03	<0.1	4.2	0.08	<0.02	35	0.7	0.05	6.3	0.52	<0.1	0.16		
229	Soil		6.6	343.3	4.05	25.9	0.102	<20	2.17	0.005	0.05	<0.1	6.4	0.17	<0.02	38	0.5	0.07	4.6	0.69	0.1	0.04		
230	Soil		6.9	252.3	1.91	19.3	0.136	<20	1.74	0.004	0.06	<0.1	5.6	0.17	0.12	55	0.5	0.09	4.5	0.72	<0.1	0.11		
231	Soil		3.0	224.6	1.36	17.9	0.248	<20	2.41	0.005	0.03	<0.1	4.6	0.09	0.03	23	0.4	0.09	5.4	0.51	<0.1	0.11		
232	Soil		3.5	317.1	1.57	17.5	0.212	<20	2.49	0.004	0.05	<0.1	5.1	0.21	0.03	34	0.6	0.13	5.8	1.11	<0.1	0.14		
233	Soil		3.1	283.9	1.05	17.8	0.208	<20	2.20	0.003	0.03	<0.1	4.0	0.12	0.03	34	0.6	0.12	8.5	0.66	0.1	0.15		
234	Soil		2.9	242.7	1.42	22.1	0.268	<20	2.25	0.004	0.03	<0.1	4.6	0.10	<0.02	17	0.3	0.04	7.5	0.54	<0.1	0.11		
235	Soil		5.1	283.6	1.77	17.5	0.108	<20	1.49	0.003	0.04	<0.1	5.4	0.12	<0.02	26	0.6	0.11	4.2	0.60	<0.1	0.06		
236	Soil		8.1	337.7	2.26	21.4	0.131	<20	2.25	0.004	0.06	<0.1	7.0	0.27	<0.02	61	1.0	0.08	5.2	0.98	<0.1	0.09		
237	Soil		8.2	305.7	1.55	17.5	0.120	<20	2.08	0.003	0.06	<0.1	6.0	0.28	<0.02	61	1.2	0.08	4.8	1.00	0.1	0.15		
238	Soil		4.4	299.2	1.45	19.5	0.187	<20	2.52	0.003	0.06	<0.1	4.7	0.27	<0.02	26	0.8	0.14	6.7	1.14	0.1	0.12		
239	Soil		3.7	304.9	1.25	29.6	0.158	<20	2.27	0.002	0.04	<0.1	4.0	0.17	<0.02	19	0.7	0.09	6.2	0.84	0.1	0.10		
241	Soil		4.0	235.3	1.36	17.9	0.194	<20	2.46	0.005	0.03	<0.1	4.6	0.15	<0.02	34	0.6	0.07	4.8	0.65	<0.1	0.09		
242	Soil		5.5	265.1	1.70	17.2	0.140	<20	1.75	0.005	0.05	<0.1	5.3	0.18	<0.02	29	0.6	0.08	4.4	0.77	0.1	0.08		
243	Soil		4.6	258.6	1.34	13.5	0.165	<20	1.81	0.004	0.04	<0.1	4.3	0.12	<0.02	21	0.6	0.09	5.4	0.65	<0.1	0.06		
244	Soil		3.9	310.2	2.20	23.8	0.137	<20	2.16	0.004	0.05	<0.1	4.9	0.13	<0.02	14	0.5	0.07	5.5	0.75	<0.1	0.04		
245	Soil		4.3	301.9	1.52	16.8	0.177	<20	2.55	0.003	0.04	<0.1	4.8	0.20	<0.02	24	0.6	0.11	5.9	0.94	<0.1	0.06		

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
215	Soil	0.60	10.9	0.7	<0.05	9.7	3.23	16.1	0.05	<1	0.4	14.0	25	8
216	Soil	1.09	6.4	0.5	<0.05	6.9	2.71	10.7	0.04	<1	0.2	11.4	<10	<2
217	Soil	0.39	7.3	0.5	<0.05	6.5	3.42	13.4	0.03	<1	0.2	10.8	11	4
218	Soil	0.57	7.5	0.6	<0.05	7.8	2.73	15.1	0.03	<1	0.3	11.0	15	4
219	Soil	0.80	6.7	0.7	<0.05	6.5	2.00	8.6	0.03	<1	0.2	8.4	<10	<2
220	Soil	0.74	2.6	1.1	<0.05	5.6	1.36	5.9	<0.02	<1	<0.1	3.1	<10	<2
221	Soil	0.38	11.3	0.4	<0.05	5.4	3.23	16.0	0.03	<1	0.2	12.7	14	4
222	Soil	0.31	10.7	0.4	<0.05	7.7	3.90	16.4	0.03	<1	0.2	8.8	17	3
223	Soil	0.23	13.3	0.4	<0.05	7.2	3.35	15.1	0.03	<1	0.3	10.4	16	4
224	Soil	0.36	12.6	0.5	<0.05	6.8	2.59	12.9	0.03	1	0.3	14.6	<10	<2
225	Soil	1.62	15.9	1.1	<0.05	7.0	3.41	14.0	0.05	<1	0.4	13.3	23	<2
226	Soil	0.20	16.0	0.4	<0.05	8.5	3.02	14.4	0.04	<1	0.2	13.1	147	2
227	Soil	0.66	10.6	0.5	<0.05	4.6	2.90	14.1	0.03	<1	0.2	12.6	21	4
228	Soil	0.91	3.5	0.4	<0.05	6.2	2.17	7.7	0.02	<1	0.1	9.8	13	2
229	Soil	0.14	7.3	0.3	<0.05	3.1	3.55	16.2	0.03	<1	0.3	9.1	18	<2
230	Soil	0.16	7.2	0.3	<0.05	5.4	3.77	14.8	0.05	<1	0.2	9.3	19	2
231	Soil	0.63	3.3	0.4	<0.05	5.0	2.12	8.8	0.03	<1	0.2	11.9	<10	<2
232	Soil	0.69	6.5	0.4	<0.05	6.5	2.25	12.9	0.04	<1	0.3	12.0	<10	<2
233	Soil	0.94	4.5	0.6	<0.05	7.8	1.71	7.5	0.04	<1	0.1	8.4	11	3
234	Soil	0.42	3.9	0.5	<0.05	5.2	1.99	7.0	0.02	<1	0.2	10.0	<10	<2
235	Soil	0.26	6.7	0.3	<0.05	3.2	3.08	10.7	0.03	<1	0.2	7.6	<10	4
236	Soil	0.23	9.5	0.3	<0.05	5.5	4.23	18.4	0.03	<1	0.1	10.2	26	3
237	Soil	0.22	8.2	0.3	<0.05	8.8	4.22	20.2	0.04	<1	0.2	9.6	<10	11
238	Soil	0.40	8.4	0.4	<0.05	6.9	2.56	12.9	0.04	<1	0.3	12.4	<10	4
239	Soil	0.80	6.9	0.4	<0.05	5.1	1.93	10.1	0.03	<1	0.2	10.6	<10	<2
241	Soil	0.42	4.7	0.4	<0.05	5.2	2.44	12.3	0.03	<1	0.3	13.0	<10	4
242	Soil	0.26	7.0	0.3	<0.05	4.7	3.12	14.4	0.02	<1	0.1	9.7	19	3
243	Soil	0.41	5.4	0.3	<0.05	3.3	2.35	10.9	0.03	<1	0.2	10.2	11	<2
244	Soil	0.34	7.0	0.4	<0.05	2.2	2.61	10.5	<0.02	<1	0.3	9.9	11	5
245	Soil	0.47	6.7	0.5	<0.05	4.6	2.47	13.6	0.03	<1	0.2	13.4	<10	<2

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
246	Soil	1.16	141.6	5.82	84.6	197	163.3	37.5	648	9.14	10.6	0.6	1.0	1.2	4.6	0.20	0.26	0.09	123	0.16
247	Soil	0.93	133.1	4.90	89.0	86	160.1	38.6	607	7.23	8.6	0.5	1.3	1.2	4.8	0.23	0.24	0.08	105	0.18
248	Soil	1.92	183.2	7.81	51.6	26	205.1	32.7	502	7.15	15.4	0.9	8.5	1.7	3.0	0.16	0.31	0.13	73	0.09
249	Soil	1.67	188.5	7.56	89.3	27	210.1	49.8	659	8.33	13.6	0.8	4.8	1.3	3.8	0.28	0.30	0.11	102	0.11
250	Soil	1.42	168.6	8.32	77.4	25	241.3	46.7	598	9.01	12.8	0.7	1.5	1.6	3.8	0.22	0.27	0.12	113	0.12
251	Soil	0.85	123.4	5.30	74.0	19	170.0	33.1	504	6.86	8.6	0.4	0.9	0.9	4.4	0.17	0.22	0.08	106	0.16
252	Soil	6.70	137.4	5.22	44.0	137	69.9	18.0	361	13.80	5.9	1.7	4.4	4.5	3.5	0.10	0.26	0.11	156	0.10
253	Soil	1.02	108.5	6.13	95.3	45	158.4	31.0	600	9.10	9.7	0.4	0.3	0.9	4.9	0.30	0.24	0.09	131	0.15
254	Soil	0.98	92.94	5.21	76.3	36	119.8	25.3	534	7.68	8.1	0.4	2.8	0.9	4.1	0.18	0.24	0.08	118	0.12
255	Soil	1.82	131.6	5.31	52.6	20	230.9	31.7	553	6.82	14.7	0.7	0.9	1.2	3.3	0.18	0.28	0.10	71	0.11
256	Soil	1.64	122.9	5.71	58.1	19	240.1	40.7	677	7.03	13.4	0.7	1.1	1.1	3.4	0.16	0.25	0.09	75	0.13
257	Soil	1.23	195.4	7.20	88.4	28	265.7	54.6	748	8.34	11.7	0.7	0.9	1.2	4.8	0.27	0.25	0.10	107	0.17
258	Soil	1.47	515.5	16.10	89.3	189	841.4	103.7	1281	8.99	12.5	0.8	21.1	1.9	4.8	0.34	0.59	0.16	106	0.16
259	Soil	1.14	190.1	9.18	71.0	50	339.2	78.1	1222	8.50	10.0	0.5	1.6	1.3	5.5	0.22	0.36	0.11	112	0.16
260	Soil	0.80	87.84	4.79	62.2	30	122.5	25.2	470	6.92	6.9	0.4	0.5	1.0	4.7	0.23	0.29	0.08	112	0.15
261	Soil	0.82	82.71	6.80	73.7	19	215.5	47.5	781	7.35	7.8	0.4	0.8	0.9	3.6	0.18	0.24	0.07	77	0.11
262	Soil	0.79	109.5	6.03	45.3	31	287.2	48.9	680	7.02	6.4	0.4	14.9	0.9	3.6	0.19	0.37	0.09	77	0.11
263	Soil	0.45	82.63	14.29	103.1	45	555.2	113.9	1563	11.95	7.9	0.2	11.4	0.7	3.3	0.28	0.36	0.06	97	0.09
264	Soil	1.25	126.4	15.95	80.8	42	392.8	85.3	1189	10.62	17.9	0.4	2.2	0.8	3.6	0.20	0.41	0.20	109	0.11
265	Soil	1.20	96.35	7.07	43.4	15	260.8	44.1	619	6.74	11.1	0.5	3.9	1.2	2.6	0.19	0.53	0.08	58	0.10
266	Soil	1.26	180.7	10.95	70.2	37	531.7	75.1	1086	8.01	9.8	0.5	1.5	1.2	3.7	0.25	0.34	0.10	77	0.14
267	Soil	1.57	167.5	12.56	73.6	35	436.8	75.3	1014	9.28	13.5	0.6	1.7	1.3	3.8	0.24	0.29	0.13	93	0.13
268	Soil	2.27	216.1	13.92	139.4	100	559.9	64.8	1277	11.09	15.8	0.9	1.4	1.4	6.1	0.39	0.44	0.22	118	0.22
269	Soil	1.99	109.0	8.60	68.5	40	244.8	43.0	766	8.84	16.0	0.7	1.6	1.8	4.0	0.17	0.40	0.13	92	0.13
270	Soil	1.26	104.9	7.46	69.5	29	378.3	66.5	1271	7.82	12.1	0.7	1.3	1.8	4.4	0.23	0.31	0.11	84	0.16
271	Soil	1.58	86.89	6.27	51.8	23	211.5	33.0	465	6.63	12.7	0.8	0.7	1.6	3.5	0.20	0.39	0.10	64	0.13
272	Soil	1.51	110.1	8.17	66.3	29	252.5	43.1	596	6.98	12.4	0.8	1.4	1.9	4.2	0.19	0.36	0.14	80	0.14
273	Soil	1.38	127.8	8.02	62.6	21	222.0	43.6	734	7.61	12.8	0.8	1.7	2.1	4.2	0.17	0.33	0.13	96	0.15
274	Soil	1.52	97.33	7.40	61.2	28	197.1	28.3	546	6.36	13.7	0.8	2.0	2.0	4.0	0.17	0.35	0.12	72	0.14
275	Soil	1.39	76.15	4.87	52.9	41	99.8	19.7	442	7.24	12.1	0.5	1.1	1.5	4.2	0.13	0.21	0.09	117	0.14

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
246	Soil	3.7	279.2	1.66	17.0	0.296	<20	3.36	0.005	0.03	<0.1	6.0	0.11	<0.02	28	0.5	0.08	6.8	0.60	<0.1	0.11
247	Soil	3.5	218.6	1.45	22.3	0.243	<20	2.93	0.005	0.06	<0.1	5.1	0.13	<0.02	14	0.4	0.08	5.9	0.74	<0.1	0.13
248	Soil	5.5	220.9	1.22	13.6	0.113	<20	1.37	0.003	0.07	<0.1	4.7	0.14	<0.02	24	0.8	0.10	3.9	0.65	0.2	0.15
249	Soil	4.0	279.8	1.51	18.9	0.186	<20	2.59	0.003	0.04	<0.1	5.0	0.17	<0.02	54	0.7	0.06	5.7	0.77	<0.1	0.10
250	Soil	3.6	297.8	1.70	20.9	0.238	<20	3.32	0.004	0.04	<0.1	5.6	0.19	<0.02	26	0.6	0.10	6.5	0.70	<0.1	0.16
251	Soil	3.0	223.0	1.48	10.8	0.268	<20	2.76	0.005	0.02	<0.1	4.5	0.11	<0.02	29	0.5	0.07	5.7	0.39	<0.1	0.08
252	Soil	4.1	197.3	0.93	7.2	0.370	<20	2.08	0.003	0.03	<0.1	6.9	0.06	0.07	22	2.5	0.20	10.6	0.41	0.2	0.39
253	Soil	2.4	271.3	1.59	11.5	0.322	<20	3.00	0.005	0.03	<0.1	5.2	0.09	<0.02	24	0.4	0.06	7.1	0.45	<0.1	0.09
254	Soil	2.8	246.1	1.20	12.0	0.284	<20	2.39	0.005	0.02	<0.1	4.0	0.06	<0.02	34	0.4	0.05	6.7	0.49	<0.1	0.11
255	Soil	4.7	230.2	1.37	11.3	0.117	<20	1.25	0.004	0.03	<0.1	4.5	0.08	<0.02	12	0.5	0.08	3.5	0.29	<0.1	0.10
256	Soil	4.7	247.8	1.71	11.9	0.132	<20	1.52	0.004	0.03	<0.1	4.8	0.10	<0.02	22	0.5	0.08	3.8	0.37	<0.1	0.08
257	Soil	3.8	281.1	1.80	16.7	0.223	<20	3.12	0.004	0.03	<0.1	5.6	0.17	<0.02	31	0.3	0.06	5.6	0.70	<0.1	0.10
258	Soil	10.1	399.9	2.62	41.0	0.150	<20	2.85	0.007	0.08	<0.1	9.3	0.19	0.04	83	0.9	0.08	6.6	1.28	0.1	0.06
259	Soil	4.3	310.1	1.67	24.5	0.232	<20	2.29	0.006	0.04	<0.1	4.8	0.08	<0.02	28	0.4	0.08	6.0	0.78	<0.1	0.08
260	Soil	3.5	185.6	1.19	10.0	0.315	<20	2.20	0.006	0.03	<0.1	4.0	0.06	<0.02	13	0.2	<0.02	6.0	0.51	<0.1	0.10
261	Soil	2.9	311.0	1.70	12.8	0.171	<20	1.68	0.005	0.03	<0.1	3.8	0.08	<0.02	23	0.2	0.07	4.4	0.82	<0.1	0.02
262	Soil	4.5	309.9	1.85	21.1	0.116	<20	1.49	0.005	0.03	<0.1	5.1	0.06	0.03	26	0.4	0.03	4.5	0.51	<0.1	0.02
263	Soil	2.6	811.3	4.67	32.8	0.088	<20	2.35	0.005	0.03	<0.1	6.4	0.07	0.03	54	0.3	0.03	5.7	0.74	0.2	<0.02
264	Soil	3.1	496.7	2.61	20.4	0.172	<20	2.28	0.005	0.03	<0.1	6.0	0.07	0.03	47	0.5	0.16	6.2	0.81	<0.1	0.02
265	Soil	3.5	267.4	1.83	10.8	0.113	<20	1.08	0.003	0.03	<0.1	3.9	0.07	<0.02	14	0.5	0.07	2.7	0.31	<0.1	0.08
266	Soil	4.8	439.5	3.58	21.4	0.106	<20	2.26	0.005	0.04	<0.1	7.0	0.12	<0.02	19	0.4	0.03	4.4	0.70	0.2	0.07
267	Soil	4.1	406.3	3.05	18.0	0.132	<20	2.19	0.004	0.04	<0.1	5.6	0.14	<0.02	41	0.6	0.08	5.6	0.77	<0.1	0.09
268	Soil	8.9	478.3	2.45	50.1	0.133	<20	3.21	0.009	0.10	<0.1	12.0	0.28	0.09	104	1.1	0.09	7.3	1.56	0.1	0.11
269	Soil	6.0	294.1	1.74	20.3	0.145	<20	1.82	0.005	0.04	<0.1	5.0	0.12	<0.02	42	0.7	0.11	5.4	0.71	<0.1	0.09
270	Soil	7.8	273.4	2.18	24.0	0.138	<20	1.83	0.005	0.05	<0.1	6.1	0.12	<0.02	35	0.6	0.02	4.7	0.60	<0.1	0.09
271	Soil	6.5	208.9	1.35	14.1	0.114	<20	1.20	0.004	0.04	<0.1	4.5	0.08	<0.02	34	0.6	0.03	3.4	0.36	0.1	0.11
272	Soil	8.1	273.8	1.74	17.5	0.126	<20	1.67	0.004	0.05	<0.1	5.3	0.16	<0.02	34	0.5	0.06	4.6	0.62	<0.1	0.15
273	Soil	9.1	239.8	1.58	24.4	0.173	<20	2.25	0.005	0.06	<0.1	5.6	0.18	<0.02	47	0.5	0.03	5.5	0.80	0.1	0.14
274	Soil	8.5	220.6	1.50	16.2	0.122	<20	1.54	0.004	0.06	<0.1	5.1	0.12	<0.02	43	0.7	0.05	4.2	0.48	<0.1	0.11
275	Soil	4.2	231.4	1.21	11.6	0.305	<20	2.26	0.005	0.04	<0.1	3.7	0.11	<0.02	27	0.5	0.10	6.4	0.78	<0.1	0.14

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
246	Soil	0.59	4.1	0.4	<0.05	6.3	2.77	10.2	0.04	<1	0.3	13.3	<10	3
247	Soil	0.44	6.1	0.3	<0.05	6.2	2.61	9.0	0.02	<1	0.3	13.8	<10	5
248	Soil	0.21	7.8	0.3	<0.05	6.9	2.93	11.3	<0.02	<1	0.2	6.9	16	3
249	Soil	0.86	6.0	0.4	<0.05	4.9	2.63	13.5	0.03	<1	0.3	13.6	13	4
250	Soil	0.55	4.4	0.5	<0.05	7.5	2.47	9.5	0.02	<1	0.3	15.8	<10	5
251	Soil	0.66	2.5	0.4	<0.05	3.8	2.09	6.7	0.02	<1	0.2	12.4	<10	4
252	Soil	1.73	3.3	0.6	<0.05	19.4	2.87	9.5	0.04	<1	0.2	6.9	24	6
253	Soil	0.57	3.3	0.5	<0.05	4.4	2.00	5.9	0.02	<1	0.2	13.0	<10	<2
254	Soil	1.02	3.1	0.5	<0.05	4.0	1.69	7.7	0.04	<1	0.1	11.5	<10	5
255	Soil	0.14	3.3	0.2	<0.05	4.9	3.17	9.6	0.02	<1	0.2	6.6	<10	4
256	Soil	0.17	4.1	0.3	<0.05	3.9	3.27	10.8	0.03	<1	0.2	8.0	14	7
257	Soil	0.50	4.5	0.4	<0.05	4.8	2.74	15.0	0.03	<1	0.2	15.1	13	3
258	Soil	0.93	12.1	0.5	<0.05	3.0	6.56	20.9	0.03	1	0.4	11.9	19	4
259	Soil	0.93	5.8	0.5	<0.05	3.1	2.73	10.7	0.03	<1	0.1	12.1	<10	<2
260	Soil	0.59	3.4	0.4	<0.05	4.3	2.11	8.6	<0.02	<1	0.1	11.2	<10	<2
261	Soil	0.53	5.1	0.3	<0.05	1.5	1.78	6.9	<0.02	<1	<0.1	9.9	12	<2
262	Soil	0.69	4.6	0.4	<0.05	1.3	2.84	10.1	<0.02	<1	0.1	6.4	<10	<2
263	Soil	0.23	5.9	0.3	<0.05	1.2	1.83	7.3	0.03	1	0.2	5.9	21	2
264	Soil	0.55	4.9	0.5	<0.05	1.8	2.53	8.8	0.02	<1	0.2	7.7	22	3
265	Soil	0.15	3.3	0.2	<0.05	3.7	2.15	10.5	0.03	<1	0.2	5.2	11	3
266	Soil	0.29	6.5	0.3	<0.05	2.8	3.13	11.9	<0.02	<1	0.2	9.5	14	3
267	Soil	0.27	6.3	0.5	<0.05	4.4	2.30	10.7	0.02	<1	0.2	11.0	16	5
268	Soil	2.15	17.2	0.6	<0.05	5.4	7.38	16.5	0.05	<1	0.4	14.2	15	2
269	Soil	0.71	6.9	0.4	<0.05	4.3	3.27	13.5	0.04	<1	0.2	10.4	<10	2
270	Soil	0.23	6.7	0.3	<0.05	3.8	4.25	17.8	<0.02	<1	<0.1	10.4	<10	<2
271	Soil	0.11	4.7	0.2	<0.05	5.7	3.34	15.6	0.03	<1	0.2	6.5	<10	3
272	Soil	0.15	6.8	0.3	<0.05	7.6	3.57	17.9	0.03	<1	0.2	9.2	21	5
273	Soil	0.36	8.4	0.4	<0.05	6.1	4.65	18.9	0.04	<1	0.2	11.9	14	4
274	Soil	0.15	6.5	0.3	<0.05	6.1	3.78	17.7	0.03	<1	<0.1	9.9	<10	17
275	Soil	0.64	5.9	0.4	<0.05	5.7	2.33	11.0	0.02	<1	0.1	11.3	<10	<2

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Client: Rockland Minerals Corp.
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
Report Date: October 28, 2008

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
276	Soil	2.17	98.45	7.27	54.0	59	232.0	29.6	556	7.35	22.4	0.8	34.1	1.6	4.1	0.21	0.74	0.12	71	0.14	0.026
277	Soil	2.38	83.75	10.89	97.0	31	359.0	80.0	1241	10.70	19.4	0.6	3.9	1.4	3.6	0.18	0.30	0.15	85	0.12	0.040
278	Soil	2.31	94.11	8.34	57.9	45	203.3	34.8	678	7.29	18.7	0.9	2.1	2.0	4.2	0.17	0.37	0.14	75	0.14	0.029
280	Soil	1.79	116.4	7.83	60.0	21	146.3	29.9	559	6.90	14.9	0.9	2.3	2.1	3.7	0.17	0.36	0.15	81	0.13	0.022
281	Soil	1.15	86.74	7.57	62.3	40	132.3	30.6	501	5.30	9.9	0.7	1.5	2.1	4.3	0.21	0.38	0.12	74	0.16	0.023
282	Soil	0.43	61.89	1.87	107.0	40	238.3	71.3	1355	10.85	2.6	0.2	2.1	0.8	5.1	0.10	0.04	0.04	101	0.32	0.049
283	Soil	2.11	159.7	7.67	75.3	61	229.0	48.4	1040	8.28	15.2	1.0	3.0	2.1	4.8	0.20	0.27	0.13	90	0.19	0.038
284	Soil	1.72	141.6	7.56	67.4	54	189.0	36.8	486	7.27	14.4	1.0	1.7	2.0	4.3	0.19	0.26	0.14	87	0.16	0.029
285	Soil	1.44	110.6	5.61	67.6	50	186.5	49.3	1196	8.55	11.8	0.7	5.8	1.6	5.0	0.17	0.17	0.09	83	0.22	0.027
286	Soil	1.84	150.3	7.46	68.6	76	185.0	36.3	810	7.51	14.6	1.0	2.3	1.9	4.7	0.22	0.29	0.14	84	0.16	0.029
287	Soil	1.42	119.3	4.91	65.9	34	146.3	37.7	729	6.75	9.4	0.6	1.9	1.4	5.3	0.14	0.18	0.09	80	0.22	0.024
288	Soil	1.94	151.3	8.45	101.7	56	232.5	73.1	1380	8.96	10.4	0.7	0.8	1.2	5.7	0.31	0.21	0.15	108	0.20	0.051
289	Soil	1.18	130.1	5.41	69.2	30	251.4	45.4	507	6.37	9.1	0.7	1.2	1.4	5.6	0.15	0.17	0.08	92	0.24	0.022
290	Soil	1.34	127.0	5.33	79.7	32	203.2	53.6	747	7.46	10.8	0.6	1.8	1.4	4.9	0.19	0.16	0.08	93	0.21	0.025
291	Soil	1.42	74.84	6.00	42.4	67	64.6	12.7	264	8.44	7.9	0.5	2.8	1.3	3.6	0.12	0.24	0.12	186	0.11	0.030
292	Soil	1.67	135.9	6.53	76.6	49	256.8	43.3	752	8.93	13.5	0.7	2.0	1.5	4.9	0.20	0.24	0.11	99	0.17	0.030
293	Soil	1.43	91.57	5.82	50.0	66	104.2	20.5	409	8.23	8.8	0.6	1.4	1.9	3.9	0.12	0.22	0.11	153	0.12	0.029
294	Soil	1.19	106.9	5.57	73.5	45	143.0	24.9	513	8.57	10.4	0.5	0.7	1.1	5.9	0.17	0.20	0.10	132	0.19	0.031
295	Soil	2.11	148.2	7.19	68.4	37	193.2	41.5	700	9.91	16.4	0.8	1.8	1.8	4.2	0.22	0.23	0.13	106	0.14	0.035
296	Soil	1.87	176.3	6.47	72.1	41	277.8	46.1	838	9.19	15.0	0.9	2.1	1.9	4.7	0.27	0.24	0.12	94	0.19	0.036
297	Soil	1.05	95.84	4.66	72.5	39	109.1	24.8	475	7.53	7.1	0.4	0.5	1.6	9.1	0.16	0.15	0.08	141	0.18	0.044
298	Soil	2.15	152.1	7.68	68.6	56	145.0	28.1	569	11.53	16.8	0.8	1.5	1.7	4.4	0.15	0.24	0.14	130	0.14	0.036
299	Soil	1.80	87.51	6.60	55.1	38	102.1	18.2	377	9.59	10.7	0.6	1.0	1.5	3.3	0.13	0.26	0.13	175	0.10	0.032
300	Soil	1.83	139.7	6.67	59.8	32	307.5	51.7	911	8.47	17.8	0.9	3.6	1.6	4.7	0.18	0.28	0.15	84	0.15	0.026

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Client: **Rockland Minerals Corp.**
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
 Report Date: October 28, 2008

Page: 11 of 11 Part 2

CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
276	Soil	6.4	213.2	1.41	12.5	0.122	<20	1.33	0.004	0.05	<0.1	4.7	0.10	<0.02	44	1.1	0.06	3.5	0.40	<0.1	0.15
277	Soil	4.7	461.0	3.51	22.2	0.106	<20	1.87	0.005	0.04	<0.1	6.9	0.11	<0.02	29	0.8	0.10	4.7	0.58	0.2	0.06
278	Soil	7.4	223.1	1.47	15.2	0.122	<20	1.40	0.005	0.05	<0.1	5.0	0.12	<0.02	49	0.8	0.06	3.9	0.46	0.1	0.12
280	Soil	9.4	230.0	1.42	21.7	0.131	<20	1.81	0.004	0.05	<0.1	4.9	0.17	<0.02	42	0.7	0.06	4.8	0.61	<0.1	0.12
281	Soil	9.9	209.7	1.45	21.2	0.125	<20	1.61	0.004	0.06	<0.1	4.7	0.13	<0.02	34	0.5	0.04	4.4	0.53	<0.1	0.13
282	Soil	3.8	153.2	2.16	144.9	0.309	<20	3.27	0.009	0.70	<0.1	6.9	0.79	<0.02	45	0.4	<0.02	9.3	8.07	0.2	0.15
283	Soil	9.6	284.9	1.93	24.1	0.144	<20	2.01	0.006	0.09	<0.1	6.2	0.26	<0.02	78	0.8	0.14	5.1	1.02	0.1	0.15
284	Soil	9.3	265.8	1.60	21.3	0.135	<20	1.78	0.005	0.07	<0.1	5.5	0.21	<0.02	78	0.7	0.07	4.9	0.84	<0.1	0.15
285	Soil	6.9	253.5	1.56	26.0	0.143	<20	2.05	0.006	0.04	<0.1	5.7	0.15	<0.02	46	0.7	0.06	4.9	0.70	<0.1	0.11
286	Soil	10.7	243.4	1.42	21.6	0.134	<20	1.68	0.005	0.07	<0.1	5.4	0.21	<0.02	65	0.9	0.04	4.7	0.83	0.1	0.14
287	Soil	7.5	198.2	1.44	22.8	0.166	<20	1.84	0.006	0.06	<0.1	5.8	0.17	<0.02	52	0.6	0.06	5.2	0.88	<0.1	0.12
288	Soil	7.7	338.5	2.19	45.9	0.129	<20	2.90	0.010	0.07	<0.1	6.1	0.27	0.06	78	0.8	0.07	6.9	1.22	0.1	0.09
289	Soil	7.9	258.5	2.27	22.0	0.186	<20	2.18	0.007	0.05	<0.1	6.1	0.13	<0.02	36	0.8	0.06	5.6	0.67	<0.1	0.16
290	Soil	5.2	274.6	1.84	20.7	0.170	<20	2.18	0.005	0.05	<0.1	5.2	0.15	<0.02	28	0.8	0.05	5.2	0.76	0.1	0.12
291	Soil	3.4	205.1	0.69	9.6	0.324	<20	2.13	0.004	0.02	<0.1	4.4	0.04	<0.02	25	0.5	0.03	11.3	0.32	<0.1	0.18
292	Soil	5.5	299.6	1.91	19.1	0.183	<20	2.62	0.006	0.04	<0.1	5.6	0.15	<0.02	31	0.8	0.05	5.7	0.75	0.1	0.10
293	Soil	4.1	239.9	1.04	31.2	0.255	<20	2.09	0.005	0.05	<0.1	3.8	0.10	<0.02	41	0.5	0.06	8.4	0.84	<0.1	0.20
294	Soil	3.4	261.8	1.58	32.1	0.334	<20	2.38	0.006	0.04	<0.1	4.9	0.11	<0.02	28	0.5	0.08	6.7	0.53	<0.1	0.11
295	Soil	4.8	322.7	1.65	24.0	0.159	<20	2.15	0.004	0.05	<0.1	4.9	0.19	<0.02	28	1.0	0.05	6.2	0.89	<0.1	0.14
296	Soil	7.5	315.0	1.87	24.7	0.161	<20	2.32	0.007	0.07	<0.1	5.9	0.22	<0.02	30	0.8	0.06	5.3	1.07	0.1	0.11
297	Soil	3.4	221.9	1.53	109.2	0.358	<20	2.53	0.008	0.16	<0.1	3.8	0.13	<0.02	26	0.6	0.06	11.5	0.74	0.1	0.16
298	Soil	4.5	353.9	1.55	21.3	0.223	<20	3.09	0.005	0.05	<0.1	5.8	0.28	<0.02	39	0.9	0.11	8.2	1.02	0.1	0.20
299	Soil	3.3	293.5	0.94	12.9	0.249	<20	2.03	0.004	0.03	<0.1	3.8	0.08	<0.02	13	0.6	0.05	10.3	0.65	<0.1	0.12
300	Soil	6.4	293.3	2.09	14.3	0.133	<20	1.71	0.005	0.04	<0.1	6.0	0.15	<0.02	45	0.9	0.07	4.5	0.55	<0.1	0.11

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CERTIFICATE OF ANALYSIS

VAN08010300.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
276	Soil	0.14	5.2	0.3	<0.05	7.1	3.33	13.7	0.02	<1	0.2	7.2	<10	6
277	Soil	0.30	6.5	0.4	<0.05	3.7	2.25	15.5	0.04	<1	0.2	6.2	10	3
278	Soil	0.14	5.7	0.3	<0.05	6.0	3.83	14.8	0.02	<1	0.2	7.1	<10	5
280	Soil	0.23	6.9	0.4	<0.05	6.5	3.99	17.7	<0.02	<1	0.3	11.5	<10	<2
281	Soil	0.29	7.3	0.2	<0.05	5.8	4.16	19.8	<0.02	1	0.1	9.7	24	<2
282	Soil	0.16	87.7	0.1	<0.05	6.1	5.43	8.3	<0.02	<1	0.3	20.3	<10	<2
283	Soil	0.16	12.3	0.3	<0.05	8.3	4.65	21.0	0.03	<1	0.3	10.0	15	5
284	Soil	0.19	9.4	0.3	<0.05	7.3	4.36	19.3	0.03	<1	0.3	9.3	<10	4
285	Soil	0.30	5.9	0.3	<0.05	5.5	3.94	14.9	0.03	<1	0.2	9.2	<10	<2
286	Soil	0.30	9.9	0.4	<0.05	7.1	5.09	21.2	0.02	<1	0.2	8.2	13	5
287	Soil	0.17	9.2	0.2	<0.05	5.6	4.66	15.8	<0.02	<1	0.2	9.0	<10	4
288	Soil	1.61	13.4	0.5	<0.05	4.4	3.98	15.5	0.02	<1	0.3	13.8	<10	3
289	Soil	0.28	6.3	0.3	<0.05	7.1	4.65	17.6	0.03	<1	0.1	11.3	22	5
290	Soil	0.27	7.6	0.3	<0.05	5.9	3.27	12.8	0.03	<1	<0.1	9.9	13	6
291	Soil	0.96	2.3	0.7	<0.05	7.3	1.89	7.5	0.02	<1	<0.1	6.5	<10	<2
292	Soil	0.33	6.0	0.4	<0.05	5.3	3.33	12.9	0.03	<1	0.4	13.8	<10	5
293	Soil	0.93	6.1	0.5	<0.05	7.1	2.14	9.3	0.03	<1	0.3	9.1	11	4
294	Soil	0.60	4.7	0.4	<0.05	5.3	2.33	8.1	0.03	<1	<0.1	10.0	<10	3
295	Soil	0.55	6.7	0.4	<0.05	7.2	2.46	13.9	0.03	<1	0.3	11.0	12	6
296	Soil	0.33	8.8	0.3	<0.05	5.9	4.03	19.7	0.03	<1	0.2	11.3	<10	4
297	Soil	0.83	8.9	0.6	<0.05	6.2	2.18	9.5	<0.02	<1	0.2	13.5	<10	<2
298	Soil	0.92	6.7	0.5	<0.05	9.9	2.87	11.8	0.03	<1	0.3	12.8	<10	4
299	Soil	0.69	4.4	0.7	<0.05	6.5	1.73	8.5	0.03	<1	0.1	8.6	15	5
300	Soil	0.15	5.2	0.3	<0.05	5.9	3.73	16.2	0.03	<1	0.3	8.5	<10	4

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QUALITY CONTROL REPORT

VAN08010300.1

	Method	Analyte	Unit	MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F				
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P		
					ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%		
					0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001		
Pulp Duplicates																										
28	Soil		1.19	100.2	10.32	63.1	32	118.8	22.8	470	7.66	13.4	0.6	4.2	1.8	3.9	0.11	0.43	0.15	87	0.12	0.021				
REP 28	QC		1.25	96.10	9.99	59.9	29	110.6	21.3	433	7.08	13.0	0.5	1.1	1.6	2.8	0.10	0.55	0.14	80	0.09	0.020				
76	Soil		1.72	160.9	8.38	60.8	25	201.3	30.9	577	6.66	14.7	0.9	4.8	1.7	3.6	0.20	0.42	0.12	74	0.12	0.026				
REP 76	QC		1.75	158.6	8.22	59.3	26	199.5	31.3	574	6.55	14.8	0.9	2.1	1.9	3.5	0.22	0.42	0.12	74	0.13	0.025				
115	Soil		1.87	169.8	7.85	68.3	125	137.2	25.8	498	8.93	14.2	0.9	1.0	1.9	3.8	0.16	0.26	0.14	107	0.12	0.034				
REP 115	QC		1.79	173.9	8.29	71.7	136	139.2	26.5	520	9.23	14.4	0.9	0.8	2.1	3.7	0.17	0.24	0.14	114	0.11	0.035				
125	Soil		2.16	133.4	8.12	69.5	166	105.2	21.6	526	10.19	16.3	1.0	3.4	2.4	4.8	0.08	0.32	0.21	134	0.13	0.042				
REP 125	QC		2.22	132.1	8.69	67.0	176	107.2	22.2	540	10.13	16.2	1.0	2.1	2.5	4.6	0.09	0.31	0.21	137	0.13	0.043				
162	Soil		1.15	164.0	12.85	97.1	148	520.4	77.8	1254	8.50	14.3	0.6	1.6	1.1	10.1	0.33	0.36	0.12	110	0.37	0.048				
REP 162	QC		1.15	163.0	12.71	97.2	146	509.9	76.8	1205	8.13	14.2	0.5	1.2	1.1	9.6	0.33	0.34	0.13	106	0.37	0.046				
210	Soil		2.30	130.6	9.73	56.1	21	235.6	42.5	724	7.80	19.2	0.9	2.3	1.9	4.5	0.16	0.44	0.15	80	0.13	0.025				
REP 210	QC		2.14	122.7	8.81	49.8	20	221.7	38.9	676	7.47	18.2	0.9	2.5	1.7	4.0	0.21	0.47	0.15	75	0.11	0.024				
252	Soil		6.70	137.4	5.22	44.0	137	69.9	18.0	361	13.80	5.9	1.7	4.4	4.5	3.5	0.10	0.26	0.11	156	0.10	0.067				
REP 252	QC		6.89	140.4	5.31	45.2	139	70.0	18.1	371	14.33	6.1	1.7	5.9	4.6	3.7	0.10	0.29	0.11	160	0.10	0.068				
275	Soil		1.39	76.15	4.87	52.9	41	99.8	19.7	442	7.24	12.1	0.5	1.1	1.5	4.2	0.13	0.21	0.09	117	0.14	0.026				
REP 275	QC		1.51	78.04	4.97	54.3	47	102.5	19.7	472	7.45	12.4	0.5	0.7	1.4	4.4	0.10	0.23	0.11	121	0.13	0.028				
Reference Materials																										
STD DS7	Standard		20.32	115.3	65.59	407.8	754	56.0	9.3	612	2.49	54.3	4.8	67.1	4.1	70.6	6.45	5.05	4.48	79	0.90	0.079				
STD DS7	Standard		19.76	103.9	63.55	392.9	819	54.3	9.3	593	2.40	49.4	4.6	50.3	4.0	69.3	6.26	4.95	4.37	77	0.87	0.076				
STD DS7	Standard		20.36	105.7	63.87	395.9	829	55.4	9.1	594	2.30	48.1	4.8	96.9	3.9	69.6	6.33	5.06	4.46	78	0.91	0.076				
STD DS7	Standard		19.63	100.2	62.32	387.5	747	53.3	8.7	577	2.22	47.5	4.8	49.5	3.8	66.7	6.04	5.03	4.42	78	0.90	0.072				
STD DS7	Standard		20.60	108.7	70.54	403.4	774	57.2	9.6	611	2.31	52.7	5.1	58.6	4.4	77.6	6.19	4.77	4.57	82	0.97	0.075				
STD DS7	Standard		21.12	102.3	69.15	384.5	782	55.8	9.5	588	2.23	52.0	4.9	55.6	4.4	71.6	6.00	4.88	4.44	81	0.93	0.075				
STD DS7	Standard		20.21	110.4	67.73	381.9	803	54.4	9.0	559	2.21	49.0	4.5	51.8	3.9	65.6	5.81	4.63	4.36	73	0.89	0.075				
STD DS7	Standard		20.06	103.6	65.57	380.5	735	54.8	8.8	573	2.19	49.1	5.4	52.7	4.3	66.2	5.77	4.57	4.33	80	0.87	0.075				
STD DS7	Standard		19.59	114.5	76.71	398.8	840	55.3	9.0	611	2.37	55.1	4.9	56.4	4.5	68.7	5.98	4.70	4.67	84	0.93	0.079				
STD DS7	Standard		22.72	112.3	75.44	418.3	861	56.8	9.3	632	2.41	52.2	5.6	52.0	4.6	76.4	6.26	4.86	4.70	89	0.95	0.081				
STD DS7	Standard		20.24	105.2	70.98	389.9	756	52.3	9.2	574	2.25	47.8	4.7	49.9	4.1	66.4	5.82	4.77	4.44	78	0.87	0.076				

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QUALITY CONTROL REPORT

VAN08010300.1

Method	Analyte	Unit	MDL	1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Ti ppm 0.02	1F S % 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1	1F Hf ppm 0.02
Pulp Duplicates																							
28	Soil			4.5	262.0	1.25	19.4	0.123	<20	2.15	0.004	0.04	<0.1	4.1	0.12	<0.02	16	0.6	0.08	5.8	0.80	<0.1	0.12
REP 28	QC			4.0	227.8	1.14	17.5	0.118	<20	1.82	0.003	0.03	<0.1	3.5	0.10	<0.02	16	0.6	0.10	5.2	0.69	<0.1	0.11
76	Soil			7.3	234.5	1.41	15.0	0.123	<20	1.52	0.003	0.05	<0.1	4.5	0.16	<0.02	31	0.7	0.06	4.2	0.59	0.1	0.10
REP 76	QC			7.7	232.5	1.39	15.5	0.129	<20	1.55	0.003	0.05	<0.1	4.8	0.17	<0.02	34	0.6	0.08	4.1	0.60	0.1	0.11
115	Soil			4.2	285.8	1.30	19.7	0.197	<20	2.57	0.004	0.05	<0.1	4.4	0.20	<0.02	37	1.0	0.09	7.3	1.01	<0.1	0.13
REP 115	QC			4.4	297.8	1.31	19.2	0.200	<20	2.59	0.003	0.05	<0.1	4.4	0.20	<0.02	38	1.0	0.07	7.2	1.04	<0.1	0.13
125	Soil			4.2	305.6	1.34	18.1	0.238	<20	2.95	0.005	0.06	<0.1	5.1	0.23	0.02	45	1.1	0.12	9.5	1.24	<0.1	0.28
REP 125	QC			4.4	307.5	1.37	18.4	0.241	<20	3.03	0.005	0.06	<0.1	5.4	0.24	0.02	39	1.3	0.14	9.4	1.26	<0.1	0.27
162	Soil			5.7	474.8	3.21	41.7	0.155	<20	3.11	0.007	0.05	<0.1	8.1	0.14	0.03	81	0.7	0.10	7.0	1.20	<0.1	0.08
REP 162	QC			5.6	457.1	3.13	41.2	0.152	<20	2.98	0.007	0.05	<0.1	7.6	0.13	0.03	77	0.7	0.05	6.9	1.15	<0.1	0.07
210	Soil			6.7	270.6	1.75	19.7	0.130	<20	1.56	0.004	0.05	<0.1	5.2	0.17	<0.02	82	1.0	0.09	4.2	0.67	0.1	0.14
REP 210	QC			6.1	253.1	1.63	17.7	0.124	<20	1.50	0.004	0.05	<0.1	5.0	0.17	<0.02	79	0.9	0.13	4.1	0.64	0.1	0.16
252	Soil			4.1	197.3	0.93	7.2	0.370	<20	2.08	0.003	0.03	<0.1	6.9	0.06	0.07	22	2.5	0.20	10.6	0.41	0.2	0.39
REP 252	QC			4.2	202.3	0.94	7.0	0.378	<20	2.07	0.003	0.03	<0.1	6.9	0.06	0.07	19	2.6	0.19	11.0	0.42	0.1	0.35
275	Soil			4.2	231.4	1.21	11.6	0.305	<20	2.26	0.005	0.04	<0.1	3.7	0.11	<0.02	27	0.5	0.10	6.4	0.78	<0.1	0.14
REP 275	QC			4.1	231.7	1.22	12.3	0.324	<20	2.31	0.005	0.04	<0.1	3.8	0.12	<0.02	37	0.5	0.05	6.4	0.82	<0.1	0.16
Reference Materials																							
STD DS7	Standard			12.2	175.4	1.01	408.2	0.120	40	0.96	0.083	0.43	3.9	2.8	4.16	0.18	193	3.5	1.03	4.3	5.96	<0.1	0.08
STD DS7	Standard			12.1	165.5	1.01	402.0	0.117	39	0.93	0.083	0.43	3.4	2.7	4.08	0.17	190	3.3	1.10	4.4	5.77	0.1	0.10
STD DS7	Standard			12.1	170.8	0.99	411.5	0.117	38	0.96	0.085	0.43	3.6	2.8	4.07	0.18	214	3.2	1.16	4.6	5.87	<0.1	0.11
STD DS7	Standard			11.7	160.1	0.96	387.3	0.112	38	0.90	0.080	0.41	3.4	2.6	3.94	0.18	189	3.1	1.02	4.3	5.65	0.1	0.10
STD DS7	Standard			14.1	171.8	1.05	407.1	0.119	38	1.00	0.086	0.43	3.5	2.7	4.30	0.19	184	3.7	1.15	4.7	6.33	<0.1	0.12
STD DS7	Standard			13.2	169.2	1.02	382.0	0.119	41	0.94	0.084	0.41	3.7	2.6	4.14	0.18	195	3.5	1.27	4.5	6.09	<0.1	0.11
STD DS7	Standard			11.2	159.1	0.96	373.4	0.107	36	0.89	0.076	0.40	3.4	2.5	4.02	0.19	192	3.4	1.19	4.2	5.75	0.1	0.10
STD DS7	Standard			11.6	164.6	0.95	383.8	0.109	41	0.93	0.079	0.40	3.4	2.4	4.01	0.18	200	3.3	1.21	4.3	5.87	<0.1	0.10
STD DS7	Standard			12.5	180.0	1.02	396.1	0.120	37	1.00	0.087	0.42	3.5	2.6	4.22	0.20	204	3.2	1.27	4.5	6.00	<0.1	0.10
STD DS7	Standard			13.3	183.0	1.00	394.6	0.125	36	1.00	0.089	0.44	3.9	2.8	4.43	0.20	203	3.6	1.17	4.9	6.21	0.1	0.11
STD DS7	Standard			12.1	166.3	0.97	379.0	0.113	32	0.94	0.078	0.40	3.7	2.5	4.15	0.18	186	3.6	1.04	4.6	5.83	<0.1	0.10

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QUALITY CONTROL REPORT

VAN08010300.1

Method	Analyte	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Unit		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
MDL		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
Pulp Duplicates													
28	Soil	0.30	5.8	0.4	<0.05	6.1	2.10	8.8	0.03	<1	0.2	10.5	<10
REP 28	QC	0.51	4.9	0.4	<0.05	5.7	1.73	8.0	0.02	<1	0.1	9.2	<10
76	Soil	0.25	7.1	0.3	<0.05	6.1	3.67	13.0	0.02	<1	0.3	8.2	<10
REP 76	QC	0.24	6.7	0.3	<0.05	6.1	3.67	13.6	<0.02	<1	0.1	7.5	<10
115	Soil	0.74	8.4	0.5	<0.05	6.3	2.35	11.5	0.03	<1	0.3	10.5	<10
REP 115	QC	0.73	8.5	0.5	<0.05	6.6	2.39	12.1	0.03	2	0.4	11.1	<10
125	Soil	0.68	8.9	0.7	<0.05	12.2	2.44	9.0	0.03	<1	0.3	11.6	12
REP 125	QC	0.60	9.0	0.7	<0.05	12.1	2.53	9.6	0.04	<1	0.3	11.7	21
162	Soil	1.04	11.8	0.4	<0.05	3.5	4.66	10.6	0.03	<1	0.2	13.5	12
REP 162	QC	1.01	11.5	0.4	<0.05	3.7	4.53	10.3	0.02	<1	0.3	13.1	<10
210	Soil	0.20	6.7	0.3	<0.05	7.8	2.98	16.2	0.03	<1	0.3	8.4	13
REP 210	QC	0.18	6.4	0.4	<0.05	7.8	2.92	15.0	0.03	<1	0.2	6.9	12
252	Soil	1.73	3.3	0.6	<0.05	19.4	2.87	9.5	0.04	<1	0.2	6.9	24
REP 252	QC	1.81	3.4	0.7	<0.05	20.2	2.95	9.7	0.03	<1	<0.1	6.4	21
275	Soil	0.64	5.9	0.4	<0.05	5.7	2.33	11.0	0.02	<1	0.1	11.3	<10
REP 275	QC	0.84	6.3	0.4	<0.05	6.2	2.41	11.1	<0.02	<1	0.2	11.5	<10
Reference Materials													
STD DS7	Standard	0.62	33.6	4.9	<0.05	5.3	5.13	34.7	1.51	3	1.7	29.1	77
STD DS7	Standard	0.55	33.3	4.7	<0.05	5.3	5.20	33.3	1.45	5	1.7	28.3	84
STD DS7	Standard	0.60	32.8	5.0	<0.05	5.2	5.11	34.4	1.52	3	1.9	29.0	110
STD DS7	Standard	0.59	31.7	4.5	<0.05	5.2	5.07	33.4	1.51	4	1.6	27.3	83
STD DS7	Standard	0.49	36.7	5.1	<0.05	5.9	5.93	37.0	1.78	<1	1.6	26.8	73
STD DS7	Standard	0.47	34.5	4.9	<0.05	5.6	5.66	35.3	1.63	3	1.9	26.3	64
STD DS7	Standard	0.52	34.8	4.5	<0.05	5.4	4.79	31.0	1.55	6	1.7	26.0	69
STD DS7	Standard	0.58	33.9	4.5	<0.05	5.4	4.85	32.1	1.51	2	1.5	25.5	63
STD DS7	Standard	0.55	33.3	4.7	<0.05	5.7	5.19	34.9	1.58	4	1.9	27.5	72
STD DS7	Standard	0.61	36.0	4.8	<0.05	5.8	5.78	36.3	1.56	4	1.7	28.2	73
STD DS7	Standard	0.55	33.0	4.5	<0.05	5.3	4.95	33.6	1.59	4	1.5	26.0	64

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QUALITY CONTROL REPORT

VAN08010300.1

		1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F U ppm 0.1	1F Au ppb 0.2	1F Th ppm 0.1	1F Sr ppm 0.5	1F Cd ppm 0.01	1F Sb ppm 0.02	1F Bi ppm 0.02	1F V ppm 2	1F Ca % 0.01	1F P % 0.001
STD DS7	Standard	24.80	110.8	73.06	408.1	1031	54.7	9.3	600	2.37	54.9	5.1	52.9	4.5	70.4	6.23	4.89	4.46	79	0.94	0.078
STD DS7	Standard	20.29	108.7	63.84	405.0	815	57.0	9.5	611	2.35	49.7	4.3	51.3	3.7	65.4	6.00	4.18	4.08	80	0.93	0.075
STD DS7	Standard	20.43	108.5	64.60	403.8	823	54.4	9.4	595	2.31	49.9	4.5	52.1	3.5	63.0	6.18	4.40	4.10	81	0.90	0.074
STD DS7	Standard	19.44	105.9	62.06	397.8	1031	53.2	9.0	592	2.30	48.9	4.6	80.4	3.8	66.5	5.93	4.40	4.00	79	0.93	0.073
STD DS7	Standard	20.47	104.4	64.15	396.4	1338	58.0	9.2	603	2.34	51.1	4.5	72.0	3.7	70.2	5.95	4.68	4.07	81	0.96	0.077
STD DS7	Standard	20.78	111.3	75.87	409.3	858	58.4	9.4	623	2.36	53.3	5.6	57.1	4.5	75.2	6.22	4.78	4.55	84	0.99	0.077
STD DS7	Standard	19.24	107.7	72.69	389.9	759	54.5	9.6	591	2.21	51.7	5.2	51.9	4.6	73.5	6.04	4.76	4.41	77	0.94	0.074
STD DS7 Expected		20.92	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86	4.51	86	0.93	0.08
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	1.1	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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QUALITY CONTROL REPORT

VAN08010300.1

		1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Ti ppm 0.02	1F S % 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1	1F Hf ppm 0.02
STD DS7	Standard	12.8	175.2	1.02	369.1	0.121	32	0.99	0.084	0.42	3.7	2.8	4.30	0.20	241	3.5	1.21	4.8	5.99	<0.1	0.11
STD DS7	Standard	12.5	174.6	1.03	381.5	0.116	32	0.94	0.078	0.43	3.5	2.7	4.24	0.19	207	3.4	1.29	4.5	6.06	<0.1	0.10
STD DS7	Standard	11.7	170.0	1.00	386.6	0.115	24	0.91	0.076	0.43	3.6	2.7	4.15	0.19	205	3.4	1.21	4.4	5.88	<0.1	0.09
STD DS7	Standard	12.8	169.5	1.01	378.7	0.121	32	0.94	0.081	0.42	3.5	2.6	4.09	0.19	182	3.6	1.05	4.4	5.79	<0.1	0.11
STD DS7	Standard	13.0	177.7	1.02	378.5	0.123	30	0.97	0.084	0.43	3.5	2.8	4.16	0.19	176	3.4	1.13	4.5	5.98	<0.1	0.11
STD DS7	Standard	14.2	177.0	1.04	392.4	0.126	31	0.97	0.088	0.42	3.7	2.7	4.35	0.18	200	3.8	1.21	4.9	6.17	<0.1	0.12
STD DS7	Standard	13.7	166.3	1.04	381.9	0.119	31	0.95	0.084	0.42	3.5	2.7	4.25	0.18	185	3.5	1.27	4.7	6.03	<0.1	0.13
STD DS7 Expected		12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	2.5	4.19	0.21	200	3.5	1.08	4.6	6.36	0.1	0.11
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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QUALITY CONTROL REPORT

VAN08010300.1

		1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
STD DS7	Standard	0.56	34.7	4.9	<0.05	5.3	5.36	34.4	1.63	6	1.4	26.4	50	35
STD DS7	Standard	0.50	34.1	4.7	<0.05	4.7	5.05	35.8	1.63	4	1.5	27.9	89	34
STD DS7	Standard	0.40	33.8	4.8	<0.05	4.4	4.59	34.5	1.50	5	1.6	27.3	94	33
STD DS7	Standard	0.52	33.9	4.7	<0.05	4.6	5.18	36.3	1.47	4	1.8	26.5	92	36
STD DS7	Standard	0.56	33.9	4.7	<0.05	4.7	5.45	37.2	1.58	5	1.6	27.4	83	33
STD DS7	Standard	0.58	34.9	4.9	<0.05	5.7	5.80	36.6	1.67	3	1.8	25.6	69	44
STD DS7	Standard	0.58	34.2	4.7	<0.05	5.3	5.78	35.2	1.67	3	1.4	24.9	67	40
STD DS7 Expected		0.71	35.8	5.4		5.4	5.18	38	1.57	4	1.6	29.3	58	37
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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29.4 ACME Labs, 196 Soil Samples, 30Oct08, Certificate # VAN08010301 (28 pages)

Client: Rockland Minerals Corp.
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Submitted By: George Sanders
Receiving Lab: Canada-Vancouver
Received: October 16, 2008
Report Date: October 30, 2008
Page: 1 of 8

CERTIFICATE OF ANALYSIS

VAN08010301.1

CLIENT JOB INFORMATION

Project: RETTY LAKE
Shipment ID:
P.O. Number
Number of Samples: 196

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	194	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	194	Dry at 60C		
RJSV	194	Save all or part of soil reject fraction		
RJSV	194	Saving all or part of Soil Reject		
1F	194	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed
DIS-RJT	194	Warehouse handling / Disposition of reject		

ADDITIONAL COMMENTS

Invoice To: Rockland Minerals Corp.
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1
 Canada

CC: Etienne Forbes



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
 All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
 *** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Client: **Rockland Minerals Corp.**
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: **RETTY LAKE**
 Report Date: **October 30, 2008**

Page: 2 of 8 Part 1

CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
301	Soil	1.54	82.13	7.02	60.1	30	244.6	39.0	654	6.75	11.7	0.7	3.8	1.6	3.1	0.22	0.32	0.09	69	0.11	0.022
302	Soil	1.33	89.17	5.18	51.9	19	226.5	36.6	571	6.73	9.3	0.6	2.3	1.2	2.2	0.14	0.24	0.08	69	0.08	0.021
303	Soil	1.52	145.1	6.82	73.5	32	154.2	37.3	568	8.46	12.5	0.6	1.4	1.3	3.5	0.20	0.27	0.12	110	0.11	0.030
304	Soil	1.93	75.12	6.43	57.0	55	168.9	28.9	495	6.39	13.1	0.8	46.8	1.5	2.4	0.14	0.35	0.10	65	0.09	0.023
305	Soil	2.03	106.3	7.20	62.5	46	249.4	42.1	676	7.21	15.8	0.8	2.1	1.6	2.5	0.18	0.39	0.12	71	0.09	0.027
306	Soil	1.78	111.0	7.25	77.2	79	424.5	75.9	1162	8.88	14.5	0.8	2.3	1.6	3.6	0.21	0.29	0.11	84	0.14	0.040
307	Soil	2.81	150.1	11.99	85.4	124	190.3	40.4	726	9.31	23.7	1.5	3.8	2.7	3.6	0.19	0.43	0.23	106	0.12	0.041
308	Soil	1.92	114.0	7.90	56.1	40	261.2	47.8	774	7.62	15.6	0.8	2.4	1.6	2.9	0.17	0.32	0.14	83	0.10	0.026
309	Soil	1.75	98.56	8.04	59.4	20	145.1	30.1	572	6.92	15.5	0.8	2.5	1.7	3.2	0.16	0.33	0.14	84	0.11	0.022
310	Soil	1.75	101.3	7.67	58.2	27	153.7	28.2	544	6.63	15.8	0.8	1.9	1.8	3.2	0.13	0.34	0.13	77	0.12	0.021
311	Soil	1.88	85.86	7.69	54.9	22	176.5	30.0	609	6.86	16.3	0.7	2.5	1.6	3.0	0.14	0.35	0.13	75	0.10	0.022
312	Soil	3.47	106.8	13.21	73.2	51	169.0	33.6	583	9.51	17.0	0.9	3.4	1.5	3.2	0.17	0.45	0.17	82	0.11	0.036
313	Soil	1.59	82.84	6.78	53.4	33	194.6	37.0	571	6.08	13.8	0.7	1.5	1.5	2.4	0.14	0.33	0.12	66	0.09	0.025
314	Soil	1.52	79.90	6.37	51.4	25	157.1	29.9	458	5.66	12.6	0.7	2.4	1.4	2.6	0.15	0.33	0.10	66	0.10	0.021
315	Soil	2.05	146.0	9.61	58.6	20	210.5	49.3	785	7.86	19.5	1.0	4.4	2.1	2.9	0.18	0.34	0.16	86	0.09	0.024
316	Soil	2.38	161.3	8.86	67.7	59	134.7	39.1	637	7.54	18.3	1.1	2.2	2.2	2.9	0.16	0.33	0.15	88	0.10	0.037
317	Soil	2.29	124.0	8.18	69.6	58	141.1	53.4	885	8.31	16.8	0.9	1.1	2.0	2.4	0.17	0.29	0.14	93	0.09	0.038
318	Soil	2.43	154.8	8.37	71.9	35	122.7	28.1	589	9.43	17.8	1.0	2.5	1.9	3.3	0.10	0.30	0.19	112	0.10	0.038
319	Soil	2.45	146.2	9.29	67.6	113	132.2	27.2	533	9.42	19.6	1.1	2.5	2.0	2.9	0.14	0.35	0.20	105	0.08	0.038
320	Soil	2.83	185.0	10.27	64.4	45	189.9	44.7	725	9.42	28.6	1.2	2.9	2.5	3.6	0.14	0.43	0.19	102	0.10	0.040
321	Soil	2.11	167.7	9.62	75.3	60	181.0	36.3	672	9.15	19.1	1.0	1.6	2.4	3.8	0.12	0.28	0.19	107	0.10	0.037
322	Soil	1.72	205.3	8.77	67.8	22	160.7	45.8	627	7.98	16.7	1.3	2.6	2.5	4.1	0.20	0.27	0.19	88	0.10	0.034
323	Soil	1.92	138.3	9.04	58.3	53	113.5	26.4	482	7.81	15.4	1.1	2.2	2.2	4.0	0.16	0.28	0.22	95	0.09	0.032
324	Soil	1.90	126.1	8.87	57.1	24	105.5	25.6	495	6.97	15.7	1.0	3.0	2.3	4.3	0.14	0.30	0.16	73	0.12	0.028
325	Soil	1.90	159.1	8.86	71.9	83	166.2	52.3	794	7.49	15.5	1.2	2.8	2.4	4.9	0.24	0.29	0.16	80	0.16	0.033
326	Soil	1.67	111.4	6.74	56.5	24	123.1	32.1	530	6.19	12.6	0.8	1.3	2.0	4.3	0.19	0.24	0.13	68	0.12	0.027
327	Soil	4.15	279.5	21.20	129.4	96	360.1	74.6	1231	14.32	26.2	1.7	2.7	2.5	7.1	0.49	0.40	0.48	167	0.13	0.119
328	Soil	1.35	129.8	6.74	61.7	37	190.7	44.1	588	6.62	11.7	1.0	2.8	2.2	4.4	0.20	0.24	0.13	72	0.15	0.034
329	Soil	1.13	117.8	5.87	62.4	35	509.8	75.4	1153	7.37	9.9	0.7	11.2	1.6	4.7	0.24	0.17	0.10	63	0.20	0.030
330	Soil	1.12	123.2	5.31	75.1	28	414.5	71.1	1195	8.03	9.4	0.7	1.7	1.5	3.6	0.21	0.13	0.07	75	0.18	0.026

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Client: Rockland Minerals Corp.
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
Report Date: October 30, 2008

Page: 2 of 8 **Part** 2

CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
301	Soil	5.0	299.5	1.61	18.4	0.094	<20	1.48	0.005	0.05	<0.1	5.1	0.13	<0.02	45	0.7	0.09	4.3	0.58	0.1	0.12
302	Soil	3.8	304.1	1.84	14.8	0.089	<20	1.56	0.004	0.04	<0.1	4.5	0.09	<0.02	31	0.5	0.06	4.5	0.55	<0.1	0.06
303	Soil	3.4	281.0	1.38	16.6	0.197	<20	2.57	0.005	0.05	<0.1	4.3	0.18	<0.02	59	0.9	0.12	6.5	0.84	<0.1	0.14
304	Soil	5.7	212.1	1.15	14.9	0.089	<20	1.27	0.004	0.05	<0.1	4.6	0.12	<0.02	50	0.7	0.09	4.0	0.49	0.1	0.07
305	Soil	6.2	261.3	1.61	16.1	0.087	<20	1.36	0.004	0.05	<0.1	4.7	0.12	<0.02	57	0.9	0.07	4.1	0.53	0.1	0.10
306	Soil	7.4	391.6	3.05	26.7	0.099	<20	1.85	0.005	0.07	<0.1	7.4	0.18	<0.02	56	0.6	0.10	5.3	0.82	0.2	0.03
307	Soil	10.3	314.9	1.58	30.5	0.130	<20	2.17	0.005	0.09	<0.1	7.5	0.31	<0.02	209	0.9	0.17	6.6	1.09	0.2	0.16
308	Soil	5.6	299.5	1.71	19.4	0.095	<20	1.61	0.004	0.04	<0.1	4.9	0.14	<0.02	57	0.7	0.10	5.2	0.62	<0.1	0.05
309	Soil	6.7	219.0	1.30	20.9	0.121	<20	1.72	0.004	0.04	<0.1	4.5	0.19	<0.02	77	1.0	0.07	5.1	0.68	<0.1	0.09
310	Soil	6.7	248.1	1.34	16.2	0.114	<20	1.55	0.004	0.06	<0.1	4.7	0.18	<0.02	49	0.7	0.10	4.8	0.73	0.1	0.15
311	Soil	5.5	273.2	1.58	15.3	0.107	<20	1.48	0.004	0.05	<0.1	4.2	0.13	<0.02	41	0.7	0.13	4.5	0.60	<0.1	0.09
312	Soil	6.8	291.4	1.40	26.2	0.113	<20	1.65	0.004	0.05	<0.1	4.2	0.15	<0.02	54	1.1	0.09	5.4	0.77	<0.1	0.04
313	Soil	6.1	241.5	1.50	16.9	0.091	<20	1.35	0.003	0.05	<0.1	4.0	0.13	<0.02	33	0.6	0.07	4.1	0.62	<0.1	0.08
314	Soil	5.7	205.9	1.26	13.6	0.100	<20	1.25	0.003	0.04	<0.1	3.7	0.13	<0.02	34	0.5	0.07	3.9	0.52	0.1	0.10
315	Soil	7.3	271.9	1.47	25.2	0.113	<20	1.76	0.003	0.06	<0.1	4.9	0.24	<0.02	98	0.9	0.14	5.2	0.95	0.1	0.16
316	Soil	9.9	279.2	1.39	27.1	0.105	<20	1.65	0.003	0.09	<0.1	4.7	0.29	<0.02	70	1.2	0.15	5.4	1.18	0.2	0.15
317	Soil	5.1	290.2	1.26	27.0	0.145	<20	2.27	0.003	0.07	<0.1	3.7	0.24	<0.02	67	1.0	0.10	6.1	1.21	<0.1	0.08
318	Soil	5.3	334.0	1.46	23.8	0.194	<20	2.51	0.004	0.08	<0.1	4.3	0.30	<0.02	78	1.6	0.15	7.0	1.42	0.1	0.07
319	Soil	5.9	321.0	1.26	19.8	0.160	<20	2.50	0.004	0.07	<0.1	4.4	0.30	<0.02	69	1.2	0.12	6.8	1.31	<0.1	0.08
320	Soil	8.7	316.7	1.51	28.6	0.140	<20	2.03	0.004	0.09	<0.1	5.6	0.33	<0.02	124	1.3	0.12	6.3	1.29	0.2	0.13
321	Soil	6.5	281.7	1.50	23.5	0.151	<20	2.45	0.004	0.08	<0.1	5.0	0.29	<0.02	46	1.3	0.08	6.8	1.28	<0.1	0.13
322	Soil	8.1	232.3	1.40	23.3	0.158	<20	2.33	0.004	0.06	<0.1	5.0	0.27	<0.02	94	1.3	0.10	5.7	1.14	<0.1	0.14
323	Soil	8.3	223.5	1.20	28.4	0.143	<20	2.11	0.004	0.06	<0.1	4.5	0.23	<0.02	57	1.1	0.09	6.7	1.25	<0.1	0.09
324	Soil	8.8	196.5	1.24	22.7	0.121	<20	1.61	0.004	0.07	<0.1	4.2	0.20	<0.02	37	1.1	0.09	4.8	1.09	0.1	0.14
325	Soil	12.0	236.2	1.46	26.6	0.132	<20	1.81	0.005	0.08	<0.1	5.6	0.23	<0.02	61	0.8	0.10	5.3	1.18	0.1	0.12
326	Soil	6.2	206.5	1.25	20.3	0.121	<20	1.57	0.004	0.06	<0.1	3.4	0.19	<0.02	33	1.1	0.07	4.6	0.96	<0.1	0.12
327	Soil	12.5	538.5	1.83	109.2	0.185	<20	4.42	0.007	0.13	<0.1	9.8	0.57	0.07	132	1.9	0.19	11.7	3.12	0.1	0.12
328	Soil	9.0	236.2	1.74	21.3	0.119	<20	1.58	0.004	0.07	<0.1	4.9	0.21	<0.02	39	0.9	0.08	4.7	1.01	0.1	0.14
329	Soil	6.9	289.5	4.39	21.6	0.098	<20	1.65	0.009	0.05	<0.1	5.6	0.13	<0.02	31	0.6	0.07	4.1	0.68	0.2	0.07
330	Soil	6.0	325.1	3.61	23.3	0.123	<20	2.05	0.005	0.06	<0.1	6.4	0.18	<0.02	30	0.8	0.05	4.9	0.74	<0.1	0.06

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
301	Soil	0.16	6.8	0.2	<0.05	6.2	2.81	12.2	<0.02	<1	0.2	7.2	<10	7
302	Soil	0.33	6.0	0.2	<0.05	2.8	2.54	8.8	<0.02	<1	0.1	7.0	<10	<2
303	Soil	0.76	6.5	0.4	<0.05	7.0	2.30	10.4	0.03	<1	0.4	12.0	18	3
304	Soil	0.25	6.0	0.2	<0.05	4.5	3.37	12.4	0.02	<1	0.2	6.7	<10	6
305	Soil	0.19	6.3	0.3	<0.05	5.3	3.49	14.9	0.03	1	0.1	7.2	<10	8
306	Soil	0.15	10.6	0.3	<0.05	2.6	4.54	17.2	<0.02	<1	0.3	8.7	<10	8
307	Soil	0.19	12.3	0.5	<0.05	8.9	5.40	22.4	0.04	<1	0.2	11.2	<10	7
308	Soil	0.32	6.0	0.3	<0.05	3.2	3.06	13.3	0.03	<1	0.1	8.4	<10	3
309	Soil	0.33	6.6	0.4	<0.05	5.0	3.50	14.6	0.03	<1	0.2	9.9	<10	6
310	Soil	0.19	8.3	0.3	<0.05	7.3	3.37	14.3	0.03	2	0.2	9.2	<10	6
311	Soil	0.23	6.2	0.2	<0.05	5.1	2.84	11.7	0.02	<1	0.2	8.2	<10	5
312	Soil	0.73	8.3	0.4	<0.05	2.2	2.86	14.2	0.03	<1	0.1	9.0	<10	<2
313	Soil	0.26	7.2	0.2	<0.05	4.5	2.91	14.2	0.02	<1	0.1	7.3	<10	6
314	Soil	0.20	6.0	0.2	<0.05	5.7	2.74	13.7	0.02	<1	0.2	7.3	<10	9
315	Soil	0.25	9.0	0.4	<0.05	8.4	3.53	19.2	0.03	1	0.2	9.8	<10	40
316	Soil	0.48	13.7	0.4	<0.05	7.8	4.46	22.3	0.03	<1	0.1	9.1	<10	8
317	Soil	0.90	9.9	0.4	<0.05	4.3	2.85	15.4	0.03	<1	0.2	13.2	<10	4
318	Soil	0.67	11.7	0.5	<0.05	3.8	2.52	12.2	0.04	<1	0.2	12.1	<10	3
319	Soil	0.82	10.6	0.5	<0.05	5.0	2.77	15.6	0.03	<1	0.3	12.6	<10	6
320	Soil	0.31	13.0	0.4	<0.05	6.9	3.95	24.2	0.03	<1	0.2	10.5	<10	3
321	Soil	0.47	11.7	0.5	<0.05	6.3	3.01	14.7	0.04	<1	0.3	12.1	<10	5
322	Soil	0.30	10.3	0.5	<0.05	7.1	3.84	20.8	0.04	<1	0.3	10.8	<10	7
323	Soil	0.67	10.7	0.5	<0.05	5.1	3.55	15.8	0.03	<1	0.2	10.0	<10	4
324	Soil	0.26	12.1	0.4	<0.05	7.1	3.79	16.4	0.04	<1	0.1	9.0	<10	7
325	Soil	0.18	12.0	0.4	<0.05	6.0	5.59	21.8	0.04	<1	0.2	10.6	<10	5
326	Soil	0.44	10.3	0.3	<0.05	5.0	2.80	13.8	0.02	<1	0.2	9.5	<10	7
327	Soil	2.72	23.4	1.3	<0.05	6.1	5.44	22.8	0.09	<1	0.4	14.9	<10	6
328	Soil	0.21	12.2	0.3	<0.05	6.6	4.38	19.0	0.03	<1	0.1	8.5	<10	6
329	Soil	0.12	8.2	0.3	<0.05	3.6	3.94	16.1	0.03	<1	0.1	7.5	21	13
330	Soil	0.15	8.8	0.3	<0.05	2.7	3.68	14.9	0.02	<1	0.2	9.3	11	4

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval, preliminary reports are unsigned and should be used for reference only.

CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
332	Soil	0.99	153.5	5.07	72.4	62	915.0	111.6	1486	8.97	8.0	0.5	2.4	1.2	4.7	0.24	0.11	0.10	62	0.28
333	Soil	1.19	125.8	6.08	69.7	37	296.6	57.3	1227	7.16	10.4	0.9	0.9	1.8	4.4	0.26	0.21	0.11	72	0.20
334	Soil	1.62	116.1	8.14	54.4	85	112.4	26.7	393	7.96	12.6	0.7	4.9	1.6	3.3	0.19	0.29	0.16	114	0.08
335	Soil	0.65	89.78	3.68	58.0	18	109.0	32.6	609	5.24	7.6	0.4	0.8	0.8	5.9	0.16	0.15	0.08	87	0.22
336	Soil	1.14	109.1	5.79	68.6	32	118.5	28.5	592	8.98	11.2	0.5	0.9	1.3	5.0	0.17	0.17	0.13	121	0.14
337	Soil	2.53	114.9	8.51	73.7	72	96.6	19.6	388	11.59	16.2	0.8	0.7	2.0	3.3	0.14	0.29	0.23	134	0.08
338	Soil	1.10	95.69	7.14	59.2	43	110.9	23.4	447	9.01	11.0	0.5	<0.2	1.3	5.5	0.15	0.20	0.14	133	0.15
339	Soil	1.41	129.7	7.34	72.2	19	262.6	51.5	812	9.15	13.6	0.8	3.5	1.7	5.1	0.26	0.18	0.13	94	0.14
340	Soil	2.03	143.4	9.39	63.7	37	290.7	48.8	846	8.35	20.4	1.2	2.6	2.2	3.8	0.21	0.36	0.22	82	0.11
341	Soil	1.78	120.5	9.48	71.5	19	259.6	52.6	798	8.48	18.0	1.0	1.8	1.8	3.9	0.24	0.31	0.20	86	0.11
342	Soil	1.04	121.3	5.97	79.1	67	169.3	39.6	653	7.92	10.5	0.6	1.2	1.2	4.9	0.32	0.22	0.11	110	0.14
343	Soil	2.33	176.4	9.61	81.3	117	193.2	45.3	721	10.35	19.8	1.3	1.5	2.5	3.1	0.27	0.29	0.18	94	0.07
344	Soil	1.89	195.8	9.02	56.8	39	279.8	48.8	549	7.98	18.7	0.9	26.0	1.7	4.1	0.23	0.35	0.17	81	0.11
345	Soil	1.58	180.4	8.53	66.3	23	349.6	64.7	833	8.45	16.2	1.0	5.1	2.0	4.8	0.26	0.29	0.15	89	0.13
346	Soil	1.76	217.4	8.45	71.7	47	251.1	47.6	676	8.32	17.5	1.0	4.3	2.0	4.6	0.27	0.28	0.19	90	0.14
347	Soil	1.42	159.6	8.67	84.4	41	217.0	48.6	801	8.93	15.0	1.0	1.3	2.2	5.2	0.28	0.20	0.15	112	0.15
348	Soil	1.19	99.25	6.11	72.5	171	118.6	26.2	501	8.13	10.9	0.6	2.3	1.4	5.0	0.27	0.24	0.14	139	0.13
349	Soil	2.73	533.4	15.72	118.4	391	636.6	72.6	1045	10.80	17.2	1.8	3.2	1.5	8.1	0.64	0.39	0.35	121	0.18
350	Soil	1.85	156.9	8.98	88.2	12	197.5	43.6	691	10.01	16.9	1.0	1.5	2.1	4.2	0.25	0.28	0.18	104	0.10
351	Soil	1.87	141.2	10.77	91.0	29	186.8	39.3	637	10.66	17.4	0.9	0.4	2.0	3.4	0.20	0.32	0.20	107	0.08
352	Soil	1.54	143.2	7.85	114.3	21	235.8	51.6	794	8.52	14.7	0.8	1.6	1.8	4.8	0.52	0.24	0.13	93	0.16
353	Soil	1.75	197.9	10.09	98.1	27	296.9	72.4	1022	10.85	16.7	0.9	1.0	2.3	4.7	0.27	0.26	0.23	108	0.10
354	Soil	1.40	141.0	7.97	77.1	37	229.8	49.9	682	9.18	14.4	0.6	1.5	1.5	4.3	0.21	0.23	0.15	98	0.11
355	Soil	0.98	111.2	6.24	66.3	18	153.9	35.0	570	7.46	10.3	0.5	2.3	1.2	6.0	0.20	0.21	0.10	101	0.17
356	Soil	1.29	142.3	7.99	76.7	41	216.0	47.0	677	8.32	13.8	0.7	0.6	1.4	4.8	0.25	0.25	0.13	100	0.14
357	Soil	1.13	128.8	8.11	75.9	20	195.1	44.5	656	8.10	12.2	0.6	0.9	1.4	5.3	0.23	0.23	0.12	107	0.17
358	Soil	1.63	104.9	6.67	69.9	29	155.8	35.3	568	8.37	12.1	0.5	1.0	1.0	2.3	0.16	0.24	0.12	99	0.08
359	Soil	1.86	88.87	6.38	52.8	641	91.1	18.6	464	9.20	14.2	0.6	1.0	1.4	1.6	0.11	0.25	0.15	111	0.05
360	Soil	1.39	59.44	6.52	37.9	397	65.1	13.7	529	6.44	13.2	0.5	1.0	1.8	1.1	0.11	0.44	0.15	82	0.03
361	Soil	0.64	77.80	13.86	62.5	22	145.9	36.7	632	4.60	35.1	0.6	1.9	2.0	2.2	0.09	0.46	0.10	72	0.14

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Client: Rockland Minerals Corp.
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
Report Date: October 30, 2008

Page: 3 of 8 **Part** 2

CERTIFICATE OF ANALYSIS

VAN08010301.1

		Method	Analyte	Unit	MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F				
						La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
						ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
						0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
332	Soil					6.3	449.2	8.07	27.7	0.083	<20	1.83	0.009	0.04	<0.1	9.1	0.13	<0.02	39	0.6	0.06	4.1	0.70	0.2	0.05
333	Soil					9.2	273.7	2.43	23.7	0.113	<20	1.80	0.004	0.06	<0.1	5.8	0.20	<0.02	54	0.8	0.07	4.8	0.89	0.1	0.12
334	Soil					4.0	236.2	1.07	19.1	0.184	<20	1.89	0.004	0.03	<0.1	4.0	0.14	0.02	47	0.8	0.07	7.0	0.79	<0.1	0.13
335	Soil					3.7	167.5	1.39	18.8	0.197	<20	1.80	0.006	0.03	<0.1	4.2	0.06	<0.02	14	0.3	0.05	4.8	0.54	<0.1	0.04
336	Soil					3.0	260.3	1.70	14.4	0.254	<20	2.69	0.006	0.03	<0.1	4.5	0.13	<0.02	14	0.5	0.07	7.3	0.90	<0.1	0.14
337	Soil					4.1	312.5	1.19	30.6	0.218	<20	2.45	0.002	0.03	<0.1	4.2	0.17	<0.02	77	1.0	0.10	8.9	0.84	<0.1	0.21
338	Soil					2.9	259.7	1.41	24.8	0.286	<20	2.30	0.005	0.03	<0.1	4.3	0.08	<0.02	21	0.5	0.08	8.6	0.61	<0.1	0.10
339	Soil					4.7	308.6	2.23	23.3	0.158	<20	2.42	0.004	0.05	<0.1	5.4	0.19	<0.02	27	0.8	0.07	5.9	1.11	<0.1	0.07
340	Soil					8.6	252.3	1.54	21.0	0.119	<20	1.69	0.003	0.06	<0.1	5.8	0.22	<0.02	52	1.0	0.10	5.0	0.90	0.2	0.17
341	Soil					6.8	271.9	1.63	21.6	0.127	<20	1.78	0.003	0.05	<0.1	5.3	0.20	<0.02	42	1.0	0.10	5.3	0.88	0.1	0.08
342	Soil					3.6	248.7	1.60	19.7	0.265	<20	2.52	0.005	0.04	<0.1	4.7	0.12	<0.02	25	0.6	0.06	6.4	0.80	0.1	0.06
343	Soil					6.2	362.4	1.65	23.3	0.119	<20	2.40	0.003	0.08	<0.1	4.7	0.40	<0.02	49	1.3	0.11	6.1	1.75	0.1	0.13
344	Soil					6.2	257.6	1.54	16.8	0.115	<20	1.53	0.003	0.04	<0.1	4.4	0.13	<0.02	30	1.1	0.10	4.4	0.66	<0.1	0.08
345	Soil					7.1	281.3	1.79	19.8	0.142	<20	2.03	0.005	0.05	<0.1	5.6	0.20	<0.02	44	1.0	0.08	5.3	0.93	0.1	0.15
346	Soil					8.3	278.0	1.72	22.7	0.133	<20	2.08	0.003	0.06	<0.1	5.6	0.23	<0.02	46	1.1	0.08	5.7	1.12	0.1	0.14
347	Soil					6.5	316.5	1.76	28.9	0.179	<20	2.57	0.003	0.05	<0.1	5.6	0.22	<0.02	43	0.8	0.07	7.0	1.08	0.1	0.10
348	Soil					3.2	282.2	1.29	28.4	0.237	<20	2.09	0.003	0.03	<0.1	4.2	0.08	<0.02	28	0.6	0.07	8.3	0.72	<0.1	0.09
349	Soil					20.6	469.5	1.93	74.4	0.162	<20	3.35	0.006	0.08	<0.1	10.1	0.37	0.09	176	1.6	0.14	8.5	1.91	0.1	0.11
350	Soil					5.3	335.9	1.75	27.8	0.174	<20	2.70	0.003	0.06	<0.1	5.7	0.24	<0.02	29	1.0	0.10	6.6	1.33	0.1	0.13
351	Soil					4.3	371.1	1.74	20.1	0.167	<20	2.39	0.003	0.06	<0.1	4.8	0.22	<0.02	24	0.9	0.13	7.6	1.40	<0.1	0.19
352	Soil					5.4	297.3	1.92	22.6	0.158	<20	2.39	0.003	0.06	<0.1	5.0	0.19	<0.02	33	0.9	0.08	5.8	1.12	0.1	0.10
353	Soil					4.6	380.1	1.99	34.0	0.164	<20	3.04	0.003	0.10	<0.1	5.8	0.26	<0.02	25	0.8	0.13	8.2	2.30	<0.1	0.11
354	Soil					3.9	331.7	1.93	20.5	0.167	<20	2.50	0.003	0.03	<0.1	4.4	0.11	<0.02	17	0.7	0.07	6.4	1.13	<0.1	0.07
355	Soil					4.3	234.5	1.65	21.6	0.217	<20	2.33	0.004	0.03	<0.1	4.5	0.11	<0.02	23	0.6	0.05	6.0	0.62	<0.1	0.10
356	Soil					3.9	282.7	1.74	26.1	0.192	<20	2.58	0.003	0.05	<0.1	5.0	0.17	<0.02	25	0.6	0.09	6.2	1.09	<0.1	0.10
357	Soil					3.7	268.6	1.70	19.0	0.220	<20	2.55	0.003	0.03	<0.1	4.7	0.13	<0.02	23	0.6	0.09	6.3	0.73	0.1	0.10
358	Soil					2.2	318.2	1.35	18.7	0.141	<20	1.75	<0.001	0.04	<0.1	3.1	0.12	<0.02	23	0.4	0.09	5.7	0.73	<0.1	0.04
359	Soil					2.9	295.3	1.02	14.1	0.146	<20	2.06	0.002	0.04	<0.1	3.1	0.17	<0.02	32	0.7	0.07	7.4	0.88	<0.1	0.15
360	Soil					2.6	230.4	0.74	14.3	0.121	<20	1.57	0.002	0.03	<0.1	2.1	0.11	<0.02	34	0.4	0.06	5.6	0.79	<0.1	0.08
361	Soil					7.0	224.3	1.32	29.6	0.104	<20	1.79	0.004	0.10	<0.1	7.0	0.11	<0.02	12	0.1	0.06	7.9	1.35	0.1	0.03

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
332	Soil	0.07	7.7	0.3	<0.05	2.6	4.40	14.2	0.03	<1	0.2	7.0	21	14
333	Soil	0.24	10.6	0.3	<0.05	5.4	4.91	19.6	0.03	<1	0.2	8.4	<10	7
334	Soil	1.32	5.0	0.6	<0.05	5.4	2.22	10.7	0.04	<1	0.2	7.8	<10	6
335	Soil	0.30	4.2	0.3	<0.05	1.8	2.70	8.1	<0.02	<1	0.1	8.9	<10	3
336	Soil	0.59	5.4	0.5	<0.05	5.9	1.95	6.9	0.04	<1	0.2	13.6	<10	7
337	Soil	2.00	4.9	0.8	<0.05	8.8	2.53	9.0	0.06	<1	0.2	10.1	<10	5
338	Soil	0.78	3.9	0.6	<0.05	5.3	1.87	7.5	0.03	<1	0.2	9.3	<10	6
339	Soil	0.26	7.8	0.4	<0.05	3.8	2.85	14.1	0.03	<1	0.2	12.8	<10	5
340	Soil	0.26	8.9	0.4	<0.05	8.6	4.45	18.6	0.03	<1	0.2	8.9	<10	8
341	Soil	0.25	8.4	0.4	<0.05	4.3	3.84	15.2	0.04	<1	0.2	9.4	<10	5
342	Soil	0.68	5.8	0.5	<0.05	3.1	2.48	13.0	0.03	<1	0.2	12.2	<10	5
343	Soil	0.40	15.2	0.4	<0.05	7.3	3.00	16.8	0.04	<1	0.4	12.8	<10	7
344	Soil	0.21	6.7	0.4	<0.05	4.9	3.37	13.5	0.04	<1	0.2	7.9	<10	6
345	Soil	0.19	8.8	0.4	<0.05	7.5	3.81	19.2	0.03	<1	0.3	10.7	16	11
346	Soil	0.25	11.1	0.4	<0.05	6.1	4.19	17.1	0.04	<1	0.3	10.4	<10	7
347	Soil	0.61	8.5	0.5	<0.05	5.2	3.66	20.2	0.04	<1	0.5	13.3	<10	6
348	Soil	0.83	5.4	0.6	<0.05	4.1	2.01	7.9	0.03	<1	0.1	9.0	<10	6
349	Soil	3.76	15.6	0.9	<0.05	5.2	10.37	34.5	0.06	<1	0.4	12.2	19	4
350	Soil	0.38	10.7	0.5	<0.05	6.7	3.26	13.3	0.04	<1	0.3	14.5	<10	7
351	Soil	0.93	10.6	0.6	<0.05	9.1	2.33	13.9	0.05	1	0.2	12.0	11	7
352	Soil	0.31	9.8	0.4	<0.05	5.4	3.09	15.3	0.03	<1	0.2	13.0	<10	7
353	Soil	0.56	15.3	0.6	<0.05	5.7	2.83	15.2	0.05	1	0.3	19.0	<10	8
354	Soil	0.62	6.8	0.5	<0.05	4.2	2.30	9.4	0.04	<1	0.3	14.7	<10	5
355	Soil	0.32	4.3	0.4	<0.05	4.4	2.83	10.8	0.03	<1	0.1	11.9	<10	6
356	Soil	0.52	7.2	0.5	<0.05	4.5	2.75	9.8	0.04	<1	0.2	13.2	<10	6
357	Soil	0.58	4.6	0.5	<0.05	4.2	2.58	9.7	0.04	<1	0.1	13.8	<10	6
358	Soil	0.77	5.4	0.4	<0.05	2.7	1.44	6.2	0.02	<1	0.1	8.9	<10	<2
359	Soil	1.02	6.6	0.4	<0.05	7.5	1.52	6.7	0.03	<1	0.2	8.3	<10	<2
360	Soil	0.95	5.4	0.4	<0.05	4.7	1.33	6.0	0.03	<1	<0.1	8.3	<10	<2
361	Soil	0.39	12.0	0.3	<0.05	1.4	2.23	13.4	<0.02	<1	0.1	10.7	<10	<2

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
362	Soil	1.75	400.2	46.66	122.5	538	586.2	91.5	1238	9.83	83.0	1.4	5.9	1.5	4.9	0.37	1.30	0.41	138	0.18
363	Soil	1.42	139.1	28.84	62.6	27	235.4	47.0	831	7.36	43.8	0.4	0.7	1.3	3.1	0.15	1.07	0.18	106	0.12
364	Soil	1.52	330.8	81.58	121.6	265	611.3	99.6	1544	9.28	84.8	1.0	3.5	1.6	6.7	0.62	0.97	0.30	125	0.26
365	Soil	1.68	315.5	92.11	130.0	154	565.0	98.2	1541	10.94	78.9	1.0	3.6	2.6	3.7	0.44	0.75	0.33	143	0.11
366	Soil	1.61	522.3	78.57	156.7	600	869.7	100.5	1405	10.40	79.5	1.4	7.0	1.8	5.9	0.25	1.02	0.43	126	0.28
367	Soil	1.57	112.6	8.77	75.7	43	175.2	54.6	993	8.72	14.0	0.6	0.7	1.5	2.8	0.17	0.35	0.14	97	0.09
368	Soil	0.91	48.85	7.02	43.7	80	100.2	17.2	392	6.13	9.0	0.4	0.6	1.2	1.9	0.06	0.39	0.12	100	0.07
369	Soil	1.50	120.2	6.04	64.6	33	172.8	75.8	929	8.49	13.7	0.6	1.1	1.5	2.6	0.16	0.27	0.09	101	0.11
370	Soil	2.05	117.6	6.99	51.4	23	197.5	41.1	657	7.96	17.0	0.8	3.5	1.7	2.4	0.14	0.31	0.14	78	0.08
371	Soil	1.86	121.7	7.47	55.4	20	202.4	44.8	762	8.16	14.9	0.8	1.3	1.7	2.9	0.15	0.28	0.14	92	0.09
372	Soil	1.78	89.21	6.61	52.8	13	161.1	32.7	586	6.84	14.6	0.6	7.1	1.6	2.8	0.14	0.34	0.12	70	0.10
373	Soil	2.11	72.41	7.09	51.8	48	113.7	21.5	431	9.15	15.3	0.6	0.8	1.5	2.4	0.06	0.30	0.18	133	0.07
374	Soil	2.55	186.1	10.18	68.1	37	159.3	37.9	653	10.51	20.3	1.0	2.5	2.2	2.5	0.12	0.34	0.21	109	0.07
375	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
376	Soil	3.45	253.0	15.73	138.7	323	528.4	59.2	988	11.71	23.0	1.3	5.0	1.5	5.6	0.24	0.62	0.32	132	0.24
377	Soil	2.41	162.6	10.61	93.9	21	197.6	44.3	578	9.85	19.2	0.8	2.3	2.0	3.2	0.21	0.41	0.19	107	0.09
378	Soil	2.31	202.0	14.21	129.6	190	422.7	66.2	1024	9.96	25.9	1.1	5.0	1.4	5.1	0.28	0.59	0.24	120	0.21
379	Soil	2.13	169.7	8.62	64.1	18	159.9	50.7	709	9.88	16.8	0.8	5.3	1.8	2.8	0.19	0.29	0.17	110	0.09
380	Soil	2.11	115.9	8.24	61.9	29	154.5	32.8	561	8.47	16.1	0.7	1.6	1.5	2.8	0.14	0.43	0.16	98	0.10
381	Soil	1.57	123.3	9.96	67.9	23	183.0	40.3	547	7.75	13.7	0.5	0.6	1.3	2.7	0.18	0.66	0.14	94	0.08
382	Soil	1.84	88.94	8.18	65.2	22	158.9	29.6	514	8.05	15.0	0.5	1.1	1.4	2.9	0.18	0.43	0.14	96	0.09
383	Soil	2.41	117.9	9.41	67.3	48	141.7	26.4	556	10.31	18.9	0.7	0.6	1.9	2.3	0.14	0.37	0.19	114	0.06
384	Soil	2.67	110.9	10.36	67.3	60	126.2	28.0	596	10.10	18.8	0.8	1.1	1.8	3.3	0.11	0.39	0.24	134	0.09
386	Soil	1.16	179.7	5.82	53.8	64	546.1	69.2	1017	6.43	10.2	0.7	2.5	1.6	3.2	0.15	0.35	0.08	63	0.11
387	Soil	1.22	134.1	6.16	59.1	53	233.1	41.3	714	6.05	9.2	0.7	1.6	1.6	2.2	0.17	0.36	0.09	65	0.08
388	Soil	1.40	140.8	5.95	53.3	19	241.9	46.1	733	7.83	11.4	0.5	2.0	1.1	2.7	0.12	0.22	0.10	93	0.08
389	Soil	1.53	78.40	6.04	46.7	17	179.0	27.4	505	7.08	11.8	0.6	1.8	1.4	2.3	0.14	0.33	0.10	75	0.08
390	Soil	1.40	71.62	5.22	46.8	35	185.1	29.1	548	5.66	10.3	0.7	1.3	1.4	2.3	0.16	0.34	0.08	56	0.08
391	Soil	1.68	90.49	6.04	49.5	49	235.5	33.0	577	6.56	12.5	0.7	1.6	1.7	2.5	0.17	0.38	0.10	62	0.09
392	Soil	2.03	91.16	6.54	61.2	61	199.4	37.7	693	7.21	15.0	0.8	1.9	1.6	2.7	0.19	0.37	0.10	70	0.10

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CERTIFICATE OF ANALYSIS

VAN08010301.1

Method	Analyte	Unit	MDL	1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Ti ppm 0.02	1F S % 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1	1F Hf ppm 0.02
362	Soil			15.6	622.4	1.91	55.6	0.112	<20	3.17	0.005	0.13	<0.1	10.7	0.33	0.06	151	1.1	0.09	8.0	2.68	0.1	0.07
363	Soil			6.2	351.1	1.45	24.2	0.099	<20	2.19	0.002	0.04	<0.1	3.8	0.11	<0.02	15	0.4	0.07	6.6	1.10	<0.1	0.03
364	Soil			12.1	533.6	2.10	50.0	0.074	<20	3.12	0.003	0.07	<0.1	8.2	0.26	<0.02	53	0.6	0.14	7.6	2.10	<0.1	0.04
365	Soil			10.7	587.3	2.10	41.6	0.086	<20	3.98	0.003	0.08	<0.1	9.2	0.36	<0.02	62	0.7	0.13	9.7	2.36	<0.1	0.08
366	Soil			20.1	691.3	2.99	59.8	0.109	<20	3.78	0.004	0.12	<0.1	13.7	0.36	0.04	201	1.0	0.08	8.4	2.72	0.1	0.09
367	Soil			3.9	338.3	1.62	23.3	0.166	<20	2.24	0.004	0.05	<0.1	3.8	0.17	<0.02	31	0.5	0.08	6.0	1.09	<0.1	0.09
368	Soil			3.1	266.1	1.25	22.7	0.140	<20	1.74	0.001	0.03	<0.1	2.7	0.08	<0.02	22	0.3	0.04	6.6	0.55	<0.1	0.06
369	Soil			3.5	292.9	1.65	19.2	0.176	<20	2.49	0.005	0.04	<0.1	3.8	0.19	<0.02	29	0.9	0.08	5.3	0.68	<0.1	0.13
370	Soil			5.2	253.4	1.31	16.9	0.095	<20	1.44	0.003	0.05	<0.1	4.0	0.14	<0.02	47	0.8	0.15	4.3	0.70	<0.1	0.06
371	Soil			5.6	296.1	1.57	25.5	0.107	<20	1.73	0.003	0.05	<0.1	4.3	0.18	<0.02	50	0.9	0.11	5.4	0.87	<0.1	0.05
372	Soil			4.7	250.0	1.34	19.2	0.094	<20	1.44	0.002	0.04	<0.1	3.3	0.13	<0.02	32	0.5	0.09	4.1	0.63	<0.1	0.06
373	Soil			3.3	288.3	1.08	14.0	0.157	<20	1.87	0.002	0.03	<0.1	3.1	0.15	<0.02	36	0.6	0.12	9.3	0.91	<0.1	0.09
374	Soil			5.5	372.7	1.43	20.2	0.132	<20	2.52	0.002	0.06	<0.1	4.3	0.30	<0.02	119	1.4	0.15	6.6	1.26	<0.1	0.14
375	Soil			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
376	Soil			12.4	530.5	2.38	56.6	0.123	<20	3.22	0.006	0.09	<0.1	9.4	0.46	0.08	214	1.6	0.13	8.4	1.90	0.1	0.09
377	Soil			4.1	339.8	1.26	20.3	0.143	<20	2.27	0.002	0.06	<0.1	3.8	0.26	<0.02	85	0.9	0.13	6.5	0.96	<0.1	0.16
378	Soil			11.1	474.7	2.51	43.4	0.107	<20	2.77	0.005	0.08	<0.1	7.7	0.33	0.06	131	1.3	0.13	7.3	1.30	<0.1	0.07
379	Soil			4.3	323.8	1.36	22.2	0.171	<20	2.43	0.003	0.05	<0.1	4.4	0.23	<0.02	67	1.1	0.11	6.3	0.92	0.1	0.15
380	Soil			4.4	295.2	1.33	19.6	0.111	<20	1.71	0.002	0.05	<0.1	3.7	0.17	<0.02	41	0.7	0.09	5.8	0.85	<0.1	0.06
381	Soil			3.3	342.1	1.55	15.5	0.126	<20	1.56	0.002	0.04	<0.1	3.6	0.12	<0.02	27	0.7	0.09	5.4	0.68	<0.1	0.06
382	Soil			3.7	306.8	1.43	14.7	0.107	<20	1.54	0.002	0.04	<0.1	3.2	0.12	<0.02	27	0.6	0.09	5.9	0.72	<0.1	0.08
383	Soil			4.2	339.6	1.32	18.2	0.152	<20	2.25	0.003	0.05	<0.1	3.9	0.23	<0.02	36	0.9	0.15	7.5	1.21	<0.1	0.17
384	Soil			4.9	326.5	1.10	25.4	0.178	<20	2.12	0.003	0.06	<0.1	4.0	0.25	<0.02	53	0.9	0.16	9.3	1.59	<0.1	0.11
386	Soil			6.6	204.4	1.64	19.4	0.086	<20	1.33	0.003	0.06	<0.1	4.7	0.12	<0.02	36	0.5	0.06	3.8	0.61	0.2	0.04
387	Soil			6.3	234.9	1.36	19.6	0.074	<20	1.33	0.003	0.06	<0.1	4.3	0.13	<0.02	52	0.6	0.08	4.1	0.60	0.1	0.10
388	Soil			3.4	277.1	1.66	17.5	0.141	<20	1.88	0.003	0.04	<0.1	3.6	0.12	<0.02	30	0.7	0.06	5.5	0.77	<0.1	0.02
389	Soil			3.8	243.5	1.25	13.6	0.095	<20	1.27	0.002	0.04	<0.1	3.3	0.09	<0.02	16	0.6	0.07	4.3	0.55	<0.1	0.05
390	Soil			5.0	174.8	1.15	12.4	0.078	<20	1.07	0.003	0.04	<0.1	3.8	0.08	<0.02	35	0.5	0.05	3.2	0.41	<0.1	0.09
391	Soil			5.7	210.4	1.21	12.4	0.081	<20	1.15	0.003	0.05	<0.1	4.1	0.10	<0.02	59	0.7	0.09	3.8	0.48	<0.1	0.08
392	Soil			5.7	252.3	1.43	16.3	0.083	<20	1.37	0.003	0.05	<0.1	4.6	0.12	<0.02	49	0.7	0.07	4.2	0.54	<0.1	0.08

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CERTIFICATE OF ANALYSIS

VAN08010301.1

Method	Analyte	Unit	MDL	1F Nb	1F Rb	1F Sn	1F Ta	1F Zr	1F Y	1F Ce	1F In	1F Re	1F Be	1F Li	1F Pd	1F Pt
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppb
				0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
362	Soil			1.89	21.1	0.6	<0.05	3.2	9.19	25.6	0.04	<1	0.5	13.8	26	3
363	Soil			0.67	6.4	0.3	<0.05	1.7	2.83	11.2	0.03	<1	0.3	12.5	<10	<2
364	Soil			0.89	15.5	0.4	<0.05	1.8	6.79	22.7	0.04	<1	0.4	21.7	11	<2
365	Soil			0.84	15.4	0.6	<0.05	4.3	4.93	18.8	0.05	<1	0.6	21.7	11	3
366	Soil			0.80	18.6	0.5	<0.05	3.4	15.47	35.5	0.04	<1	0.6	17.2	23	3
367	Soil			0.65	8.4	0.4	<0.05	4.2	2.09	10.6	0.03	<1	0.4	12.8	<10	5
368	Soil			0.64	3.9	0.3	<0.05	3.3	1.40	6.0	<0.02	<1	0.1	6.6	<10	<2
369	Soil			0.68	5.9	0.3	<0.05	6.6	2.16	8.0	0.03	<1	0.3	12.6	<10	<2
370	Soil			0.26	7.0	0.3	<0.05	4.6	2.79	13.7	0.03	<1	0.3	7.9	<10	3
371	Soil			0.40	7.6	0.3	<0.05	3.1	2.57	15.2	0.03	<1	0.2	9.5	11	2
372	Soil			0.30	6.5	0.3	<0.05	3.5	2.09	11.4	0.02	<1	0.2	8.2	<10	2
373	Soil			1.12	5.0	0.6	<0.05	4.9	1.63	7.3	<0.02	<1	<0.1	8.0	<10	3
374	Soil			0.71	9.8	0.5	<0.05	8.9	2.51	13.1	0.04	<1	0.3	12.9	<10	2
375	Soil			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
376	Soil			2.94	16.4	0.7	<0.05	4.7	7.57	26.9	0.05	3	0.2	12.5	12	<2
377	Soil			0.91	8.5	0.5	<0.05	9.1	1.91	9.4	0.05	<1	0.3	11.6	<10	5
378	Soil			1.91	14.4	0.5	<0.05	3.5	6.26	24.8	0.04	<1	0.2	12.8	10	3
379	Soil			0.52	6.6	0.4	<0.05	7.7	2.62	11.1	0.04	<1	0.4	13.2	<10	4
380	Soil			0.58	7.5	0.4	<0.05	3.1	2.18	10.6	0.02	<1	0.2	9.9	<10	5
381	Soil			0.60	6.5	0.3	<0.05	3.4	1.84	8.0	0.02	<1	0.1	9.2	<10	3
382	Soil			0.65	6.3	0.3	<0.05	4.7	1.72	8.4	0.03	<1	0.1	9.1	<10	<2
383	Soil			0.93	8.5	0.5	<0.05	9.4	1.98	10.1	0.04	<1	0.3	13.1	<10	5
384	Soil			0.99	10.2	0.7	<0.05	5.7	2.37	11.4	0.03	<1	0.2	10.5	<10	4
386	Soil			0.14	7.4	0.2	<0.05	2.7	3.94	15.2	0.03	<1	0.1	7.3	<10	<2
387	Soil			0.24	8.5	0.2	<0.05	4.1	3.52	14.6	<0.02	<1	0.1	7.2	22	2
388	Soil			0.50	6.2	0.3	<0.05	1.8	2.13	9.6	<0.02	<1	0.2	10.0	22	4
389	Soil			0.31	5.1	0.3	<0.05	2.8	1.95	8.9	0.02	<1	0.2	7.6	<10	5
390	Soil			0.15	4.8	0.2	<0.05	4.5	2.64	11.0	0.02	<1	<0.1	5.5	<10	3
391	Soil			0.17	6.0	0.2	<0.05	5.3	3.16	13.1	0.03	<1	0.2	6.3	<10	3
392	Soil			0.20	6.9	0.2	<0.05	3.7	3.48	13.1	0.02	<1	0.2	7.3	<10	<2

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
393	Soil	2.22	84.58	6.49	53.4	20	167.3	33.0	576	7.31	16.5	0.7	3.4	1.5	2.5	0.18	0.37	0.10	71	0.08	0.025
394	Soil	2.15	62.86	6.28	87.4	20	299.1	68.9	977	10.83	15.0	0.5	1.0	1.1	2.3	0.12	0.26	0.09	78	0.07	0.027
395	Soil	2.02	105.2	8.83	67.9	19	202.4	37.8	655	10.14	16.3	0.6	1.0	1.4	2.9	0.11	0.27	0.15	116	0.09	0.033
396	Soil	2.21	89.26	8.92	56.1	35	249.3	35.3	682	7.27	17.1	0.8	1.5	1.7	3.4	0.21	0.39	0.15	74	0.11	0.025
397	Soil	2.30	105.8	8.69	61.1	35	206.4	33.4	669	7.08	17.6	0.9	1.7	1.7	3.1	0.22	0.40	0.14	71	0.10	0.028
398	Soil	1.62	100.7	8.05	57.0	29	166.3	30.8	565	5.85	12.3	0.8	2.1	1.9	3.2	0.18	0.49	0.13	70	0.11	0.019
399	Soil	1.70	110.8	7.37	61.1	31	154.5	26.3	608	6.34	11.9	0.9	4.6	1.9	3.9	0.15	0.51	0.13	77	0.14	0.024
400	Soil	2.08	132.9	8.53	64.6	37	182.3	32.7	601	7.73	12.4	0.9	1.6	1.9	3.8	0.14	0.29	0.17	108	0.12	0.030
402	Soil	1.68	111.5	5.95	61.3	14	239.7	43.8	785	7.89	13.0	0.7	2.7	1.5	3.4	0.18	0.23	0.12	83	0.11	0.026
403	Soil	1.60	103.4	5.80	61.1	14	183.9	40.3	719	7.66	11.7	0.6	2.4	1.4	3.6	0.18	0.22	0.10	82	0.12	0.025
404	Soil	1.25	112.4	6.31	70.0	26	134.4	32.2	605	8.13	9.6	0.6	0.9	1.3	4.6	0.13	0.19	0.11	147	0.15	0.029
405	Soil	1.09	81.32	5.51	66.3	78	97.4	23.6	565	7.46	17.8	0.5	0.7	1.3	3.8	0.12	0.21	0.10	120	0.13	0.028
406	Soil	1.50	104.9	5.96	73.7	46	135.5	29.0	590	7.16	8.9	0.6	0.7	1.2	5.1	0.20	0.21	0.12	112	0.16	0.036
407	Soil	1.95	134.4	7.41	70.9	164	141.9	29.0	589	9.49	13.5	0.8	1.1	1.7	3.4	0.13	0.23	0.14	107	0.10	0.033
408	Soil	1.55	179.1	6.68	67.3	38	233.0	51.4	748	7.65	11.6	0.7	1.7	1.4	4.2	0.21	0.22	0.11	90	0.15	0.029
409	Soil	1.56	113.4	7.26	72.9	66	180.3	37.7	641	8.31	10.7	0.6	1.8	1.3	4.3	0.24	0.28	0.12	114	0.13	0.033
410	Soil	1.41	96.84	6.26	60.9	32	113.9	25.1	518	7.72	10.0	0.6	2.4	1.3	4.0	0.15	0.24	0.11	106	0.13	0.028
411	Soil	1.72	145.9	7.14	63.3	44	209.7	41.9	710	7.68	12.6	0.8	1.8	1.7	3.6	0.19	0.26	0.10	83	0.13	0.025
412	Soil	1.82	149.5	7.11	70.1	31	178.3	38.9	668	8.43	12.9	0.8	3.5	1.7	4.0	0.18	0.25	0.12	98	0.13	0.027
413	Soil	1.20	119.4	6.79	66.7	49	171.3	35.4	567	7.93	10.6	0.5	1.4	1.0	4.9	0.22	0.20	0.11	124	0.16	0.025
414	Soil	1.75	191.9	11.29	64.2	25	280.6	54.5	720	8.28	13.4	0.9	2.0	1.9	3.6	0.21	0.31	0.14	94	0.12	0.027
415	Soil	1.67	300.4	16.84	65.3	65	567.1	89.3	958	8.22	13.7	0.9	4.4	2.0	3.7	0.40	0.36	0.15	78	0.12	0.025
416	Soil	1.68	199.2	8.64	59.8	40	291.6	53.1	630	7.20	13.0	0.9	2.1	1.8	3.7	0.24	0.31	0.12	78	0.13	0.024
417	Soil	1.43	107.2	10.24	80.5	32	168.9	37.8	632	8.39	10.5	0.6	1.0	1.2	3.9	0.22	0.26	0.12	109	0.13	0.034
418	Soil	1.54	178.9	25.32	67.1	23	249.3	51.4	608	7.51	12.8	0.7	10.3	1.6	3.5	0.30	0.38	0.13	81	0.10	0.025
419	Soil	0.64	167.1	10.42	70.6	29	710.2	43.8	689	5.82	5.4	0.2	1.4	0.6	18.2	0.34	0.92	0.07	87	0.21	0.022
420	Soil	1.88	472.3	27.40	114.7	390	788.0	69.8	1088	7.69	17.6	1.1	3.8	0.6	9.5	0.86	0.47	0.36	100	0.46	0.097
421	Soil	1.80	147.5	9.31	82.3	35	156.9	33.4	587	9.70	14.0	0.6	1.1	1.5	4.4	0.16	0.34	0.18	109	0.11	0.037
422	Soil	2.15	110.5	6.34	66.6	35	98.9	16.6	357	11.36	14.7	0.6	1.0	1.6	3.8	0.09	0.36	0.15	158	0.13	0.040
423	Soil	1.36	128.9	6.88	65.4	106	166.0	26.7	537	8.09	11.3	0.5	2.6	1.2	4.4	0.14	0.32	0.15	120	0.11	0.035

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Client: Rockland Minerals Corp.
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
Report Date: October 30, 2008

Page: 5 of 8 **Part** 2

CERTIFICATE OF ANALYSIS

VAN08010301.1

		Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
			La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
			ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
			0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
393	Soil	4.3	221.3	1.22	13.9	0.088	<20	1.19	0.002	0.04	<0.1	3.5	0.10	<0.02	34	0.8	0.09	4.1	0.47	<0.1	0.08	
394	Soil	2.8	545.9	3.14	17.8	0.084	<20	1.60	0.002	0.04	<0.1	6.3	0.08	<0.02	32	0.9	0.12	4.6	0.49	0.2	0.06	
395	Soil	3.5	320.2	1.65	15.9	0.163	<20	2.38	0.003	0.04	<0.1	4.1	0.16	<0.02	28	0.7	0.12	7.2	0.96	<0.1	0.10	
396	Soil	6.1	245.3	1.60	15.9	0.106	<20	1.37	0.003	0.04	<0.1	5.5	0.12	<0.02	45	0.8	0.09	4.1	0.49	<0.1	0.10	
397	Soil	6.5	236.1	1.50	14.8	0.102	<20	1.35	0.002	0.04	<0.1	5.1	0.11	<0.02	47	1.1	0.09	3.9	0.49	<0.1	0.11	
398	Soil	8.0	210.0	1.37	18.4	0.107	<20	1.49	0.003	0.05	<0.1	4.7	0.13	<0.02	38	0.7	0.04	4.2	0.50	<0.1	0.12	
399	Soil	7.3	233.8	1.55	18.7	0.124	<20	1.64	0.003	0.05	<0.1	5.1	0.15	<0.02	40	0.7	0.06	4.6	0.69	0.1	0.14	
400	Soil	7.5	288.3	1.63	25.4	0.147	<20	2.22	0.003	0.06	<0.1	5.7	0.19	<0.02	60	0.7	0.09	6.8	0.97	<0.1	0.08	
402	Soil	3.8	304.3	1.92	16.5	0.117	<20	1.69	0.003	0.03	<0.1	4.2	0.12	<0.02	13	0.7	0.11	4.7	0.65	0.1	0.09	
403	Soil	3.8	269.0	1.67	16.5	0.123	<20	1.67	0.002	0.03	<0.1	3.9	0.13	<0.02	18	0.7	0.06	4.7	0.63	<0.1	0.07	
404	Soil	3.5	256.5	1.48	23.0	0.201	<20	2.57	0.003	0.03	<0.1	4.9	0.13	<0.02	20	0.5	0.05	8.6	0.72	<0.1	0.13	
405	Soil	3.2	216.8	1.22	18.7	0.269	<20	2.22	0.003	0.03	<0.1	3.8	0.12	<0.02	20	0.6	0.05	6.9	0.71	<0.1	0.11	
406	Soil	5.2	250.8	1.41	33.4	0.196	<20	2.17	0.003	0.05	<0.1	4.5	0.09	<0.02	26	0.5	0.08	6.7	1.01	<0.1	0.08	
407	Soil	3.7	333.0	1.54	16.0	0.170	<20	2.62	0.003	0.05	<0.1	4.6	0.20	<0.02	33	0.9	0.11	6.3	1.10	0.1	0.17	
408	Soil	4.6	272.3	1.60	18.9	0.149	<20	2.08	0.003	0.05	<0.1	4.6	0.16	<0.02	29	0.8	0.09	5.3	0.90	<0.1	0.08	
409	Soil	3.9	301.2	1.58	25.9	0.186	<20	2.07	0.002	0.03	<0.1	4.1	0.12	<0.02	31	0.6	0.06	6.8	0.66	<0.1	0.08	
410	Soil	3.5	247.3	1.29	18.2	0.195	<20	2.09	0.002	0.03	<0.1	3.8	0.12	<0.02	21	0.8	0.06	6.3	0.70	0.1	0.11	
411	Soil	5.3	277.4	1.71	18.8	0.127	<20	1.84	0.002	0.05	<0.1	4.4	0.17	<0.02	30	0.9	0.06	5.1	0.89	<0.1	0.10	
412	Soil	4.0	296.3	1.61	17.2	0.168	<20	2.35	0.003	0.04	<0.1	4.7	0.19	<0.02	29	0.8	0.06	5.8	0.92	<0.1	0.13	
413	Soil	3.0	300.1	1.73	17.8	0.267	<20	2.31	0.004	0.03	<0.1	4.6	0.08	<0.02	29	0.5	0.11	6.7	0.50	<0.1	0.09	
414	Soil	5.2	323.3	1.84	22.6	0.127	<20	2.17	0.003	0.05	<0.1	4.9	0.20	<0.02	37	1.1	0.09	5.7	0.95	<0.1	0.12	
415	Soil	6.6	324.0	2.25	17.5	0.112	<20	1.76	0.003	0.05	<0.1	5.6	0.16	<0.02	36	0.9	0.05	4.9	0.81	0.1	0.12	
416	Soil	6.4	265.1	1.68	16.7	0.118	<20	1.62	0.003	0.05	<0.1	4.8	0.14	<0.02	35	0.8	0.08	4.5	0.70	<0.1	0.15	
417	Soil	3.3	337.8	1.76	23.5	0.167	<20	2.01	0.002	0.04	<0.1	4.1	0.12	<0.02	17	0.5	0.09	6.6	0.92	<0.1	0.08	
418	Soil	4.1	296.7	1.91	14.8	0.118	<20	1.67	0.003	0.05	<0.1	4.1	0.13	<0.02	18	0.6	0.08	4.9	0.94	0.1	0.11	
419	Soil	1.7	390.8	1.88	9.4	0.147	<20	2.17	0.002	0.01	<0.1	7.3	0.02	<0.02	18	0.3	0.03	4.3	0.80	<0.1	0.04	
420	Soil	10.9	370.3	2.12	51.6	0.139	<20	2.54	0.010	0.08	<0.1	7.6	0.30	0.11	192	3.6	0.11	6.3	1.76	0.2	0.04	
421	Soil	3.2	365.3	1.75	17.8	0.196	<20	2.52	0.002	0.06	<0.1	4.5	0.19	<0.02	19	0.7	0.10	7.0	1.63	<0.1	0.14	
422	Soil	2.5	285.5	1.08	14.9	0.302	<20	1.87	0.002	0.03	<0.1	3.9	0.10	<0.02	19	1.0	0.10	10.6	0.62	<0.1	0.21	
423	Soil	3.9	360.6	1.55	20.0	0.229	<20	2.15	0.003	0.03	<0.1	3.7	0.08	<0.02	37	0.7	0.07	7.1	1.00	<0.1	0.09	

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
393	Soil	0.21	5.2	0.3	<0.05	4.7	2.17	11.5	<0.02	<1	0.3	6.8	<10	3
394	Soil	0.24	5.0	0.2	<0.05	2.9	1.61	8.5	0.03	<1	0.2	5.3	<10	7
395	Soil	0.65	6.8	0.5	<0.05	5.2	2.11	9.3	0.03	<1	0.2	12.1	<10	7
396	Soil	0.25	5.5	0.3	<0.05	5.3	3.72	12.3	0.02	<1	0.2	7.4	26	<2
397	Soil	0.20	5.5	0.3	<0.05	5.6	3.47	13.7	0.03	<1	0.1	7.2	<10	<2
398	Soil	0.23	6.7	0.3	<0.05	6.0	3.87	16.1	0.02	<1	0.1	8.6	<10	2
399	Soil	0.21	7.6	0.3	<0.05	7.3	3.58	13.7	0.03	<1	0.2	9.1	<10	<2
400	Soil	0.57	9.1	0.5	<0.05	4.7	3.78	14.5	0.03	<1	0.3	10.7	13	<2
402	Soil	0.22	6.0	0.3	<0.05	4.3	2.34	11.1	0.03	<1	0.3	8.4	<10	<2
403	Soil	0.26	5.5	0.3	<0.05	4.5	2.22	10.4	0.03	<1	0.2	8.2	<10	<2
404	Soil	0.41	5.2	0.4	<0.05	5.3	2.35	9.9	0.03	<1	0.3	11.4	<10	3
405	Soil	0.70	4.8	0.4	<0.05	5.4	2.38	9.5	0.03	<1	0.2	9.9	<10	<2
406	Soil	1.09	8.6	0.4	<0.05	3.6	2.93	10.2	0.02	<1	<0.1	9.2	<10	<2
407	Soil	0.61	7.2	0.4	<0.05	8.4	2.22	8.8	0.04	<1	0.2	11.3	<10	<2
408	Soil	0.39	7.4	0.3	<0.05	4.5	3.00	12.0	0.02	<1	0.3	10.9	<10	3
409	Soil	0.73	5.6	0.4	<0.05	4.1	2.34	10.9	0.03	<1	0.2	9.7	<10	<2
410	Soil	0.64	5.5	0.4	<0.05	5.2	2.24	9.1	0.03	<1	0.2	10.1	<10	<2
411	Soil	0.34	7.2	0.3	<0.05	5.3	3.13	12.4	0.02	<1	0.1	9.5	<10	<2
412	Soil	0.40	6.8	0.4	<0.05	7.1	2.71	11.6	0.03	<1	0.3	12.5	<10	3
413	Soil	0.51	3.6	0.4	<0.05	4.1	1.92	7.3	0.02	<1	0.2	8.3	<10	<2
414	Soil	0.39	7.5	0.4	<0.05	6.0	2.89	13.6	0.03	<1	0.3	11.7	10	<2
415	Soil	0.13	7.3	0.3	<0.05	6.5	3.88	17.0	0.04	<1	0.3	9.2	28	5
416	Soil	0.21	7.1	0.3	<0.05	7.6	3.76	14.5	0.02	<1	0.2	8.6	11	2
417	Soil	0.88	7.1	0.4	<0.05	4.0	2.04	7.7	0.03	<1	0.2	9.7	<10	4
418	Soil	0.25	7.6	0.4	<0.05	5.6	2.46	9.7	0.02	<1	0.2	8.8	<10	3
419	Soil	0.31	2.2	0.3	<0.05	1.7	1.65	3.3	0.02	<1	0.1	17.4	<10	4
420	Soil	3.06	13.6	1.0	<0.05	2.2	7.77	21.0	0.04	1	0.3	10.8	14	<2
421	Soil	0.57	9.6	0.5	<0.05	7.9	1.90	6.9	0.04	<1	0.2	14.9	<10	<2
422	Soil	1.11	5.2	0.6	<0.05	9.8	1.53	6.3	0.03	<1	0.2	7.2	<10	3
423	Soil	0.99	6.2	0.5	<0.05	3.9	1.99	8.6	0.03	<1	0.2	12.6	38	5

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
424	Soil	0.08	3.98	2.41	7.4	12	4.7	2.3	79	2.01	1.0	<0.1	0.3	1.5	1.1	0.02	0.08	0.11	10	0.03
425	Soil	0.25	140.1	4.42	29.0	74	102.2	11.8	179	3.05	7.8	0.4	2.4	3.9	2.4	0.14	0.32	0.16	32	0.08
426	Soil	0.62	210.3	7.65	72.2	132	339.1	40.6	588	4.85	11.4	0.5	2.4	2.4	3.0	0.11	0.53	0.15	87	0.13
427	Soil	0.97	361.6	24.96	88.6	276	449.1	44.9	641	6.15	17.8	1.0	5.0	3.8	3.9	0.25	1.00	0.29	105	0.16
428	Soil	0.34	38.31	5.37	52.6	26	73.3	17.7	372	3.45	8.7	1.1	4.6	8.0	1.6	0.04	0.35	0.08	78	0.07
429	Soil	0.63	64.71	3.58	91.3	47	140.5	44.1	668	6.22	29.5	0.6	0.9	3.7	3.9	0.08	0.62	0.06	91	0.14
430	Soil	1.20	86.70	6.49	22.2	114	111.6	12.1	149	4.54	10.4	0.5	1.1	2.0	8.9	0.68	0.70	0.17	165	0.26
431	Soil	1.66	84.53	7.57	59.6	26	138.8	30.5	478	6.61	14.9	0.7	2.6	1.7	4.0	0.14	0.51	0.15	84	0.12
432	Soil	0.26	227.3	6.06	47.1	48	243.8	31.7	313	6.79	4.3	0.1	0.3	0.3	2.1	0.09	1.84	0.07	119	0.08
433	Soil	0.11	8.71	3.65	4.6	60	30.8	2.1	13	0.97	0.6	0.2	<0.2	<0.1	2.8	0.05	0.06	0.08	15	0.06
434	Soil	1.22	170.3	11.54	88.3	71	287.8	44.3	760	7.64	10.3	0.6	1.1	0.8	4.2	0.25	0.25	0.15	93	0.11
435	Soil	1.66	117.1	7.20	75.4	105	126.4	21.0	441	10.52	16.9	0.6	1.9	1.5	3.1	0.19	0.19	0.19	128	0.08
436	Soil	1.47	322.1	19.91	110.8	103	464.7	54.1	1045	8.64	14.2	0.8	2.2	1.0	4.4	0.41	0.28	0.21	96	0.15
437	Soil	1.34	174.9	9.17	65.5	39	355.2	63.1	959	8.47	14.3	0.7	1.4	1.3	3.5	0.26	0.34	0.14	82	0.11
438	Soil	1.43	137.0	10.35	78.4	46	204.0	35.6	665	9.67	14.2	0.5	1.0	1.2	2.8	0.24	0.22	0.15	97	0.07
439	Soil	1.31	117.0	7.55	56.6	15	258.0	40.6	597	7.46	16.0	0.6	4.6	1.3	3.1	0.18	0.28	0.13	68	0.09
440	Soil	0.51	46.97	5.77	88.1	90	270.8	47.3	770	13.26	2.8	0.2	<0.2	0.4	4.9	0.43	0.05	0.07	82	0.11
441	Soil	1.40	115.8	6.07	56.5	43	147.8	29.3	514	8.28	14.3	0.7	0.7	1.4	2.8	0.18	0.16	0.11	91	0.08
442	Soil	1.28	130.3	6.62	58.1	168	263.1	44.1	673	7.41	13.2	0.7	1.2	1.5	3.4	0.22	0.18	0.11	79	0.12
447	Soil	1.23	119.7	5.73	66.0	37	169.8	32.4	696	7.94	12.0	0.7	0.5	1.5	3.4	0.14	0.11	0.13	100	0.10
448	Soil	2.21	239.7	9.10	90.4	48	168.1	38.0	725	11.23	19.4	1.4	2.4	2.7	2.8	0.21	0.13	0.19	106	0.07
449	Soil	2.24	208.2	8.42	79.8	53	131.5	30.3	679	10.92	20.0	1.4	1.2	2.4	3.3	0.21	0.14	0.16	102	0.09
450	Soil	1.53	198.0	7.00	83.9	118	155.5	36.0	751	9.69	15.1	1.0	2.0	2.0	4.0	0.21	0.12	0.14	115	0.13
451	Soil	1.70	162.2	8.44	74.4	75	195.5	41.2	1337	7.94	16.1	1.1	2.7	2.3	4.8	0.20	0.20	0.27	86	0.15
452	Soil	1.62	126.9	9.15	60.4	40	247.9	38.4	678	7.53	18.9	1.0	2.2	2.1	4.4	0.16	0.21	0.18	79	0.13
453	Soil	1.61	120.2	8.06	60.6	26	170.2	31.0	568	6.81	14.1	0.9	1.8	1.8	4.0	0.14	0.25	0.12	79	0.13
454	Soil	2.04	191.0	9.65	77.1	102	164.3	34.3	683	8.28	17.7	1.2	4.0	2.5	4.2	0.13	0.27	0.19	100	0.13
455	Soil	1.59	125.7	6.97	63.8	33	128.4	29.9	597	6.91	13.4	0.9	1.2	2.0	4.5	0.16	0.23	0.11	83	0.15
456	Soil	1.66	136.9	7.21	70.3	46	121.6	31.3	632	7.45	13.5	1.0	2.5	2.1	4.6	0.13	0.23	0.14	84	0.16
457	Soil	2.09	169.8	9.22	68.8	35	163.8	34.6	688	8.34	17.9	1.2	2.0	2.3	4.2	0.13	0.26	0.15	95	0.12

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VAN08010301.1

		Method	Analyte	Unit	MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F				
						La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
						ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
						0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
424	Soil					3.8	10.4	0.35	17.3	0.085	<20	0.63	0.002	0.11	<0.1	0.4	0.10	<0.02	<5	0.3	<0.02	3.2	1.24	<0.1	0.16
425	Soil					11.3	103.8	0.87	44.7	0.114	<20	1.36	0.003	0.62	<0.1	3.2	0.27	<0.02	23	0.4	<0.02	5.6	3.65	0.2	0.11
426	Soil					8.9	497.7	3.22	35.3	0.141	<20	2.72	0.005	0.22	<0.1	7.6	0.24	<0.02	50	0.7	0.04	8.5	5.59	0.1	0.09
427	Soil					12.5	393.0	2.30	53.3	0.173	<20	2.57	0.008	0.45	<0.1	11.9	0.42	0.03	86	1.2	0.10	10.1	6.46	0.2	0.15
428	Soil					25.4	166.6	1.76	63.2	0.185	<20	1.83	0.012	0.83	<0.1	9.8	0.54	<0.02	17	0.4	<0.02	9.4	7.07	0.3	0.53
429	Soil					8.1	289.2	2.86	48.2	0.180	<20	2.90	0.006	0.66	<0.1	8.0	0.57	<0.02	14	0.4	0.02	7.9	6.99	0.2	0.18
430	Soil					8.4	170.5	0.38	49.5	0.137	<20	0.84	0.004	0.01	<0.1	2.8	<0.02	0.02	28	0.7	0.08	6.6	0.24	<0.1	0.08
431	Soil					4.4	263.0	1.21	10.9	0.119	<20	1.51	0.002	0.04	<0.1	3.6	0.10	<0.02	21	0.8	0.11	4.8	0.56	<0.1	0.11
432	Soil					2.2	1077	2.67	7.9	0.047	<20	1.93	0.003	<0.01	<0.1	2.8	0.04	<0.02	41	0.4	0.04	7.7	0.22	<0.1	<0.02
433	Soil					3.3	312.0	0.10	9.4	0.004	<20	0.55	0.004	0.01	<0.1	0.5	<0.02	0.10	71	0.5	<0.02	2.7	0.14	<0.1	<0.02
434	Soil					4.6	443.4	2.38	26.0	0.106	<20	2.62	0.005	0.08	<0.1	5.0	0.20	0.03	58	0.5	0.08	6.6	1.84	<0.1	0.05
435	Soil					2.8	300.9	1.10	15.9	0.165	<20	2.02	0.003	0.04	<0.1	3.4	0.14	<0.02	32	0.7	0.09	8.9	0.84	<0.1	0.12
436	Soil					7.3	328.2	2.02	32.5	0.110	<20	2.64	0.007	0.07	<0.1	6.6	0.24	0.04	72	0.9	0.10	7.1	1.28	<0.1	0.07
437	Soil					4.5	366.2	2.49	22.9	0.099	<20	2.06	0.003	0.05	<0.1	5.3	0.15	<0.02	39	0.8	0.06	5.2	0.96	<0.1	0.05
438	Soil					2.7	381.8	1.54	19.3	0.119	<20	1.87	0.004	0.04	<0.1	3.5	0.12	<0.02	43	0.6	0.08	6.7	0.89	<0.1	0.06
439	Soil					3.9	265.6	1.61	10.9	0.098	<20	1.35	0.003	0.03	<0.1	3.5	0.08	<0.02	17	0.6	0.07	4.0	0.49	<0.1	0.08
440	Soil					3.2	719.2	2.60	30.5	0.060	<20	1.55	0.005	0.01	<0.1	5.1	0.03	0.03	59	0.5	0.02	7.1	0.36	<0.1	0.02
441	Soil					3.7	246.2	1.26	14.8	0.114	<20	1.49	0.003	0.04	<0.1	3.5	0.13	<0.02	18	0.7	0.05	5.4	0.69	<0.1	0.09
442	Soil					4.5	249.1	1.66	19.2	0.118	<20	1.67	0.003	0.05	<0.1	4.5	0.15	<0.02	31	0.6	0.07	4.9	0.69	<0.1	0.12
447	Soil					4.1	262.9	1.39	20.8	0.130	<20	2.11	0.004	0.05	<0.1	4.4	0.19	<0.02	30	0.8	0.05	6.4	0.83	<0.1	0.08
448	Soil					5.9	366.6	1.54	27.3	0.137	<20	3.09	0.003	0.08	<0.1	5.5	0.40	<0.02	110	1.6	0.07	7.0	1.44	<0.1	0.16
449	Soil					6.8	329.0	1.42	23.6	0.135	<20	2.53	0.004	0.07	<0.1	5.0	0.38	<0.02	90	1.6	0.10	6.5	1.36	<0.1	0.15
450	Soil					5.0	316.1	1.65	22.6	0.184	<20	2.84	0.005	0.06	<0.1	5.5	0.27	<0.02	102	1.0	0.09	7.1	1.08	<0.1	0.17
451	Soil					9.6	247.2	1.55	26.2	0.132	<20	2.03	0.005	0.07	<0.1	6.6	0.27	<0.02	97	0.5	0.06	5.7	0.98	<0.1	0.18
452	Soil					7.1	238.7	1.60	18.7	0.119	<20	1.66	0.004	0.07	<0.1	6.0	0.20	<0.02	70	0.6	0.07	5.2	0.76	<0.1	0.23
453	Soil					7.0	231.7	1.48	16.5	0.135	<20	1.67	0.004	0.05	<0.1	5.0	0.17	<0.02	38	0.8	0.06	4.6	0.69	<0.1	0.11
454	Soil					11.2	249.7	1.61	24.2	0.147	<20	2.19	0.004	0.09	<0.1	6.6	0.37	<0.02	132	0.8	0.09	5.9	1.37	0.2	0.20
455	Soil					7.2	217.2	1.33	18.1	0.145	<20	1.73	0.005	0.06	<0.1	5.0	0.19	<0.02	43	1.0	0.05	5.0	0.81	0.1	0.12
456	Soil					9.1	231.4	1.38	23.2	0.138	<20	1.84	0.005	0.09	<0.1	5.3	0.25	<0.02	52	1.2	0.04	5.2	1.09	<0.1	0.12
457	Soil					8.6	254.5	1.47	23.7	0.136	<20	2.03	0.004	0.08	<0.1	5.2	0.27	<0.02	65	1.2	0.10	5.7	1.24	0.1	0.13

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
424	Soil	0.56	17.2	<0.1	<0.05	15.8	0.39	7.6	<0.02	<1	<0.1	5.6	<10	<2
425	Soil	1.23	54.9	0.2	<0.05	5.4	3.63	20.0	<0.02	<1	0.3	12.4	<10	<2
426	Soil	0.70	28.9	0.4	<0.05	4.4	4.43	15.9	0.02	<1	0.4	24.8	<10	3
427	Soil	0.92	60.7	0.9	<0.05	8.7	6.83	23.2	0.03	<1	0.6	21.2	22	<2
428	Soil	0.19	100.1	0.8	<0.05	24.9	4.87	45.8	0.02	<1	0.9	21.2	<10	2
429	Soil	0.20	79.1	0.4	<0.05	9.0	2.34	15.9	<0.02	<1	0.3	26.2	<10	3
430	Soil	2.16	1.6	0.6	<0.05	3.3	3.44	16.3	0.02	<1	<0.1	2.4	<10	<2
431	Soil	0.31	5.2	0.3	<0.05	6.0	2.27	9.9	0.03	<1	0.3	8.3	<10	<2
432	Soil	0.25	1.1	0.3	<0.05	0.2	1.76	4.7	0.02	<1	<0.1	5.3	<10	5
433	Soil	0.18	0.9	0.2	<0.05	<0.1	1.42	6.7	<0.02	<1	<0.1	0.5	<10	<2
434	Soil	1.88	16.5	0.4	<0.05	2.6	2.98	10.8	0.03	1	0.2	18.0	<10	3
435	Soil	2.48	6.6	0.6	<0.05	6.7	1.56	6.0	0.03	<1	0.2	10.8	<10	<2
436	Soil	2.13	14.3	0.6	<0.05	2.9	4.86	15.5	0.04	1	0.6	12.4	<10	<2
437	Soil	0.85	7.5	0.3	<0.05	2.4	2.99	12.2	0.03	<1	0.2	10.8	11	3
438	Soil	1.49	7.6	0.4	<0.05	2.7	1.74	8.1	0.03	2	0.2	10.4	<10	<2
439	Soil	0.44	4.8	0.3	<0.05	3.6	1.99	10.0	0.02	<1	0.2	6.7	11	48
440	Soil	0.65	2.1	0.2	<0.05	1.0	1.94	7.0	0.02	<1	0.1	1.6	<10	<2
441	Soil	0.56	6.6	0.3	<0.05	5.3	2.00	8.3	0.03	<1	0.2	8.5	<10	<2
442	Soil	0.31	6.4	0.3	<0.05	5.0	2.59	11.5	0.03	<1	0.2	8.4	<10	<2
447	Soil	0.66	7.9	0.4	<0.05	4.0	2.23	12.3	0.03	<1	0.3	10.3	<10	<2
448	Soil	0.87	12.2	0.5	<0.05	8.3	2.91	20.2	0.04	<1	0.4	13.7	25	4
449	Soil	0.66	11.1	0.5	<0.05	7.6	2.97	20.3	0.04	2	0.4	11.8	14	2
450	Soil	0.59	9.0	0.4	<0.05	6.6	2.94	16.8	0.03	<1	0.3	12.5	19	<2
451	Soil	0.14	10.8	0.4	<0.05	8.8	4.80	20.5	0.03	2	<0.1	10.1	15	4
452	Soil	0.13	8.7	0.4	<0.05	9.1	3.77	15.6	0.03	<1	0.2	9.7	19	2
453	Soil	0.18	6.9	0.3	<0.05	5.0	3.47	12.3	0.02	<1	0.2	11.3	<10	<2
454	Soil	0.16	12.9	0.5	<0.05	10.1	5.16	18.5	0.04	<1	0.2	11.5	<10	2
455	Soil	0.21	8.6	0.3	<0.05	5.6	3.58	13.4	0.02	<1	0.2	9.9	<10	5
456	Soil	0.23	13.0	0.3	<0.05	6.3	4.23	16.2	0.02	<1	0.2	9.8	<10	5
457	Soil	0.25	12.4	0.4	<0.05	5.4	3.99	16.0	0.03	<1	0.2	10.7	<10	3

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
458	Soil	1.80	156.8	8.32	67.4	29	198.8	39.5	686	8.17	16.2	1.0	1.9	2.0	3.7	0.16	0.23	0.15	91	0.11	0.028
459	Soil	1.54	118.3	8.17	65.4	47	261.3	44.2	708	7.20	13.7	0.9	1.7	1.9	4.2	0.17	0.27	0.13	79	0.12	0.026
460	Soil	1.87	163.1	9.80	71.7	30	216.5	42.5	756	8.15	17.5	1.1	2.2	2.2	4.1	0.17	0.26	0.17	91	0.12	0.031
461	Soil	1.56	134.8	8.54	86.4	41	388.9	53.5	842	8.03	15.6	1.1	2.3	2.1	4.0	0.28	0.24	0.15	78	0.14	0.027
462	Soil	1.82	143.7	8.12	61.8	29	217.1	40.3	634	7.75	16.4	1.0	1.4	2.2	3.9	0.19	0.27	0.15	80	0.12	0.026
463	Soil	1.74	165.3	9.00	70.3	39	362.4	64.3	936	8.46	16.8	1.1	3.1	2.2	4.7	0.21	0.22	0.16	86	0.15	0.027
464	Soil	1.83	164.3	8.44	77.8	72	259.1	67.7	1208	8.25	14.5	1.1	2.6	2.3	4.3	0.20	0.20	0.14	91	0.15	0.034
465	Soil	3.29	220.1	15.46	68.9	156	182.8	29.9	492	12.69	16.9	1.6	0.8	1.6	4.3	0.28	0.24	0.41	188	0.08	0.088
466	Soil	2.14	181.4	9.53	69.8	33	206.3	42.8	768	9.18	18.7	1.2	1.2	2.3	4.4	0.16	0.25	0.18	103	0.13	0.032
467	Soil	1.85	203.2	9.53	65.1	22	248.2	52.4	814	9.17	16.9	1.1	1.5	2.4	3.7	0.21	0.24	0.15	95	0.11	0.028
469	Soil	0.94	175.2	5.70	80.8	33	239.6	64.3	888	7.29	10.4	0.6	1.3	1.3	5.4	0.22	0.18	0.09	107	0.19	0.029
470	Soil	1.47	147.0	7.57	76.2	18	161.7	49.4	785	8.05	11.4	0.7	2.1	1.6	4.7	0.24	0.19	0.17	105	0.16	0.026
471	Soil	1.65	157.0	8.06	77.3	40	227.1	57.2	1221	10.10	15.4	0.9	1.5	1.8	4.4	0.17	0.19	0.14	108	0.14	0.031
472	Soil	1.96	156.4	9.69	76.1	44	163.6	36.0	696	10.55	16.2	0.9	1.0	2.0	3.5	0.15	0.16	0.16	107	0.10	0.032
473	Soil	1.72	148.2	8.35	73.6	63	252.9	46.4	867	8.51	17.5	1.0	4.8	2.0	4.7	0.17	0.25	0.16	83	0.17	0.035
474	Soil	1.74	189.3	8.14	107.3	28	207.1	45.6	801	10.25	14.7	1.1	1.7	2.0	5.1	0.18	0.16	0.13	114	0.16	0.041
475	Soil	2.10	239.0	9.50	95.8	68	187.7	45.2	882	11.08	16.3	1.6	2.3	2.9	4.2	0.22	0.14	0.17	127	0.11	0.042
476	Soil	1.69	170.4	7.01	78.7	40	146.8	35.6	771	9.15	13.9	1.1	1.7	2.1	4.6	0.20	0.16	0.13	106	0.13	0.035
477	Soil	1.82	210.6	7.64	92.0	120	167.4	38.2	689	10.60	13.8	1.1	2.3	2.2	3.6	0.20	0.16	0.14	116	0.11	0.041
478	Soil	2.36	211.0	7.38	78.7	54	143.9	29.5	664	11.06	16.6	1.3	2.7	2.3	3.3	0.18	0.17	0.13	105	0.11	0.041
479	Soil	2.70	194.7	8.57	80.8	595	105.2	21.9	657	14.52	20.4	1.2	13.5	2.6	2.4	0.14	0.16	0.20	126	0.06	0.055
480	Soil	2.75	189.2	8.55	82.0	99	120.1	23.0	667	13.55	19.9	1.3	3.9	2.4	2.3	0.16	0.16	0.16	112	0.06	0.044
481	Soil	2.62	240.6	8.02	80.4	31	146.2	33.9	679	12.49	20.0	1.6	3.0	2.7	3.1	0.16	0.19	0.13	108	0.08	0.042
482	Soil	1.99	225.2	7.26	72.5	24	174.5	44.3	894	10.43	15.8	1.4	2.6	3.0	3.6	0.20	0.18	0.12	103	0.11	0.037
483	Soil	1.54	142.0	6.09	74.8	280	123.0	26.4	508	9.53	12.9	0.7	1.4	1.5	2.8	0.18	0.19	0.11	102	0.10	0.044
484	Soil	1.46	145.1	5.95	61.7	23	222.9	44.6	713	7.80	13.5	0.8	0.8	1.5	3.4	0.15	0.16	0.10	87	0.10	0.029
485	Soil	1.80	132.0	5.53	54.0	12	201.8	38.9	605	7.94	15.3	0.7	0.9	1.2	2.8	0.11	0.19	0.09	84	0.09	0.028
486	Soil	1.78	130.9	5.86	75.1	24	308.8	46.4	729	9.07	14.8	0.6	0.8	0.8	2.9	0.18	0.20	0.10	93	0.08	0.038
487	Soil	1.84	132.1	6.09	71.0	45	181.1	29.9	621	10.06	14.3	0.8	0.9	1.5	3.4	0.15	0.18	0.12	114	0.10	0.041
488	Soil	1.65	105.7	5.92	60.5	22	151.1	28.3	462	8.54	13.8	0.7	0.2	1.3	3.5	0.16	0.17	0.11	100	0.10	0.031

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Client: **Rockland Minerals Corp.**
800 - 885 W. Georgia Street
Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
Report Date: October 30, 2008

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
458	Soil	8.0	253.6	1.66	23.4	0.129	<20	2.03	0.003	0.06	<0.1	5.1	0.22	<0.02	59	1.1	0.09	5.7	0.97	0.1	0.10
459	Soil	8.6	240.7	1.83	23.0	0.117	<20	1.65	0.004	0.05	<0.1	5.7	0.18	<0.02	48	0.8	<0.02	4.9	0.71	<0.1	0.10
460	Soil	8.9	272.6	1.70	22.6	0.128	<20	2.09	0.004	0.08	<0.1	5.7	0.27	<0.02	85	1.0	0.10	5.6	1.08	0.1	0.11
461	Soil	9.0	286.3	2.56	17.2	0.118	<20	1.78	0.005	0.05	<0.1	7.6	0.19	<0.02	64	0.8	0.12	4.5	0.69	0.1	0.13
462	Soil	8.3	227.6	1.50	19.8	0.120	<20	1.66	0.004	0.06	<0.1	5.2	0.21	<0.02	60	1.2	0.04	4.9	0.80	<0.1	0.15
463	Soil	10.1	297.4	2.58	25.4	0.121	<20	2.01	0.005	0.07	<0.1	6.8	0.23	<0.02	67	0.9	0.08	5.3	0.92	0.1	0.11
464	Soil	11.6	312.7	1.94	28.0	0.130	<20	2.22	0.004	0.08	<0.1	6.2	0.24	<0.02	63	0.9	0.10	5.9	1.14	<0.1	0.06
465	Soil	8.1	428.2	0.89	51.9	0.209	<20	3.14	0.004	0.07	<0.1	6.6	0.29	0.06	56	1.0	0.14	12.6	1.07	<0.1	0.08
466	Soil	6.6	308.3	1.75	21.0	0.142	<20	2.25	0.004	0.07	<0.1	5.1	0.26	<0.02	67	1.3	0.13	5.9	1.05	0.1	0.11
467	Soil	6.2	314.4	1.79	18.8	0.135	<20	2.22	0.003	0.06	<0.1	5.1	0.24	<0.02	71	1.1	0.08	5.6	1.04	<0.1	0.16
469	Soil	3.8	239.1	1.69	21.3	0.227	<20	2.77	0.005	0.04	<0.1	5.3	0.14	<0.02	42	0.9	0.08	5.8	0.59	<0.1	0.12
470	Soil	4.1	258.5	1.61	26.4	0.216	<20	2.46	0.004	0.05	<0.1	4.9	0.17	<0.02	142	1.0	0.13	6.0	0.70	<0.1	0.11
471	Soil	5.7	353.6	2.04	26.4	0.152	<20	2.56	0.004	0.05	<0.1	5.8	0.19	<0.02	38	0.8	0.07	6.5	1.18	<0.1	0.08
472	Soil	4.3	390.1	1.78	18.0	0.166	<20	2.70	0.004	0.05	<0.1	4.7	0.24	<0.02	35	1.2	0.06	7.0	1.08	<0.1	0.15
473	Soil	7.8	294.4	2.36	17.5	0.128	<20	1.71	0.005	0.06	<0.1	6.0	0.20	<0.02	56	1.0	0.11	4.8	0.88	0.2	0.12
474	Soil	5.5	370.8	1.85	23.2	0.174	<20	3.08	0.006	0.06	<0.1	5.2	0.31	<0.02	39	1.3	0.10	7.0	1.30	<0.1	0.08
475	Soil	9.0	406.3	1.97	26.1	0.177	<20	3.28	0.005	0.08	<0.1	6.5	0.49	<0.02	88	1.5	0.07	8.2	1.75	0.1	0.15
476	Soil	6.7	307.9	1.57	21.3	0.161	<20	2.53	0.005	0.05	<0.1	5.0	0.28	<0.02	44	1.0	0.09	6.6	1.08	<0.1	0.06
477	Soil	5.8	334.7	1.61	22.4	0.183	<20	3.02	0.004	0.07	<0.1	5.4	0.31	<0.02	69	1.1	0.08	7.2	1.24	<0.1	0.15
478	Soil	9.0	328.9	1.55	19.2	0.149	<20	2.51	0.004	0.08	<0.1	5.3	0.35	<0.02	78	1.5	0.10	6.2	1.35	<0.1	0.15
479	Soil	4.9	394.1	1.34	31.2	0.138	<20	3.04	0.003	0.06	<0.1	4.7	0.43	0.03	61	1.3	0.10	8.9	1.59	0.1	0.17
480	Soil	5.6	402.0	1.52	19.4	0.116	<20	2.74	0.002	0.06	<0.1	4.8	0.45	0.02	69	1.7	0.12	7.1	1.78	0.1	0.13
481	Soil	13.2	356.9	1.47	23.6	0.131	<20	2.39	0.003	0.08	<0.1	6.4	0.41	<0.02	104	1.8	0.07	6.4	1.41	<0.1	0.20
482	Soil	12.5	332.7	1.62	20.5	0.140	<20	2.37	0.003	0.07	<0.1	6.2	0.35	<0.02	86	1.2	0.07	6.2	1.17	<0.1	0.25
483	Soil	4.2	298.2	1.41	19.2	0.213	<20	2.98	0.004	0.05	<0.1	4.6	0.16	<0.02	46	0.8	0.12	6.5	0.76	<0.1	0.12
484	Soil	5.5	273.9	1.63	17.4	0.148	<20	2.19	0.003	0.05	<0.1	4.4	0.18	<0.02	41	0.8	0.06	5.3	0.82	<0.1	0.07
485	Soil	3.9	278.3	1.41	12.1	0.129	<20	1.58	0.003	0.02	<0.1	4.1	0.08	<0.02	20	0.5	0.07	4.6	0.42	<0.1	0.07
486	Soil	2.5	398.3	1.76	9.6	0.156	<20	1.79	0.003	0.02	<0.1	3.6	0.05	0.02	28	0.7	0.08	4.9	0.35	<0.1	0.06
487	Soil	4.3	324.9	1.63	23.2	0.187	<20	2.97	0.005	0.05	<0.1	4.5	0.23	<0.02	37	0.9	0.08	7.1	0.90	<0.1	0.10
488	Soil	3.5	303.4	1.47	14.1	0.148	<20	2.11	0.004	0.03	<0.1	3.9	0.10	<0.02	22	0.7	0.13	5.7	0.60	<0.1	0.08

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
458	Soil	0.27	9.2	0.4	<0.05	4.6	3.73	15.4	0.03	<1	0.4	10.1	<10	5
459	Soil	0.29	7.6	0.3	<0.05	4.9	4.05	16.8	0.03	1	0.3	8.8	<10	4
460	Soil	0.23	11.9	0.5	<0.05	4.3	4.24	17.0	0.03	<1	0.2	9.8	11	<2
461	Soil	0.16	7.7	0.3	<0.05	5.5	5.01	17.4	0.03	<1	0.2	8.6	<10	5
462	Soil	0.18	8.5	0.4	<0.05	7.1	3.83	16.9	0.03	1	0.2	9.0	<10	3
463	Soil	0.14	11.2	0.4	<0.05	6.3	4.78	21.1	0.03	<1	0.2	9.9	15	6
464	Soil	0.27	11.7	0.4	<0.05	3.3	4.94	24.1	0.02	<1	0.2	10.4	92	7
465	Soil	3.44	9.1	1.3	<0.05	5.2	2.90	13.1	0.07	<1	0.4	5.6	<10	2
466	Soil	0.25	9.7	0.5	<0.05	6.0	3.07	16.1	0.04	<1	0.3	10.9	<10	6
467	Soil	0.20	8.4	0.4	<0.05	8.0	2.86	17.8	0.04	<1	0.3	10.6	<10	4
469	Soil	0.26	4.9	0.4	<0.05	5.0	2.92	14.0	0.03	<1	0.5	11.8	<10	4
470	Soil	0.34	5.6	0.5	<0.05	5.5	2.68	11.5	0.03	<1	0.3	11.4	<10	2
471	Soil	0.39	8.3	0.4	<0.05	3.4	3.38	13.0	0.04	<1	0.3	13.1	<10	<2
472	Soil	0.58	6.9	0.4	<0.05	6.4	2.52	10.6	0.05	<1	0.2	12.6	<10	<2
473	Soil	0.13	9.2	0.4	<0.05	7.2	4.36	15.4	0.02	2	0.2	8.3	13	3
474	Soil	0.45	10.7	0.5	<0.05	4.4	2.89	20.1	0.04	<1	0.4	16.2	<10	<2
475	Soil	0.41	13.6	0.5	<0.05	7.3	3.91	25.1	0.04	<1	0.6	14.2	13	7
476	Soil	0.45	9.2	0.4	<0.05	3.9	3.23	16.2	0.04	<1	0.4	11.5	<10	<2
477	Soil	0.49	10.1	0.5	<0.05	7.6	3.06	20.0	0.04	<1	0.5	15.5	17	4
478	Soil	0.37	10.6	0.4	<0.05	7.6	3.96	19.7	0.03	<1	0.3	11.4	15	<2
479	Soil	0.98	11.5	0.6	<0.05	8.0	2.36	15.5	0.05	1	0.3	12.1	30	<2
480	Soil	0.68	10.3	0.5	<0.05	6.1	2.51	12.7	0.04	2	0.4	12.2	21	4
481	Soil	0.28	11.8	0.4	<0.05	10.4	4.78	26.2	0.04	1	0.3	9.9	30	5
482	Soil	0.28	10.5	0.4	<0.05	12.7	5.11	28.9	0.03	<1	0.7	11.4	15	<2
483	Soil	1.47	5.8	0.4	<0.05	6.4	2.20	13.0	0.03	<1	0.3	13.3	13	8
484	Soil	0.32	6.8	0.3	<0.05	3.7	2.95	15.4	0.02	<1	0.3	11.5	<10	<2
485	Soil	0.27	3.3	0.3	<0.05	3.4	2.47	8.9	<0.02	2	0.3	8.4	<10	<2
486	Soil	0.65	2.0	0.4	<0.05	2.8	1.74	6.1	0.03	<1	0.2	10.5	<10	<2
487	Soil	1.04	5.9	0.4	<0.05	4.5	2.51	9.4	0.04	1	0.3	16.3	12	<2
488	Soil	0.45	4.3	0.4	<0.05	3.7	1.93	7.2	0.03	<1	0.2	11.0	<10	3

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Client: **Rockland Minerals Corp.**
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
 Report Date: October 30, 2008

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method Analyte Unit MDL	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
489	Soil	0.82	93.51	7.34	82.4	39	226.6	49.5	774	9.59	9.3	0.5	<0.2	1.9	4.1	0.23	0.36	0.10	133	0.11	0.039
490	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
491	Soil	0.75	84.24	5.92	59.1	39	92.9	22.8	464	6.27	7.3	0.4	1.2	0.7	3.7	0.18	0.18	0.08	111	0.15	0.034
492	Soil	1.65	155.4	6.80	86.3	48	187.6	34.3	583	10.67	12.7	0.7	1.1	1.4	3.5	0.20	0.16	0.12	114	0.11	0.035
493	Soil	1.13	173.6	6.59	102.3	19	266.4	49.0	689	9.01	11.1	0.6	3.5	1.3	4.0	0.30	0.16	0.11	112	0.13	0.027
494	Soil	0.57	133.5	4.10	60.7	26	196.4	40.9	565	6.77	8.0	0.4	1.2	0.8	3.7	0.15	0.15	0.05	102	0.17	0.022
495	Soil	1.01	128.1	4.00	55.2	26	230.5	43.8	817	6.72	8.0	0.7	1.7	1.0	4.1	0.16	0.15	0.06	79	0.17	0.023
496	Soil	1.17	144.7	9.25	89.8	17	280.5	49.6	774	10.29	11.7	0.5	0.9	1.2	4.8	0.21	0.14	0.09	106	0.15	0.034
497	Soil	0.87	145.8	6.20	75.1	31	276.8	50.8	583	7.82	11.0	0.7	11.2	1.5	4.3	0.21	0.15	0.07	101	0.19	0.024
498	Soil	1.14	121.7	4.45	57.2	19	181.9	44.6	702	6.63	9.8	0.7	1.3	1.2	4.2	0.20	0.15	0.05	80	0.17	0.022
499	Soil	1.01	115.3	4.32	57.1	26	230.6	44.3	529	6.23	8.1	0.6	1.7	1.2	4.0	0.18	0.14	0.05	76	0.16	0.021
500	Soil	1.32	108.9	6.14	63.0	66	231.8	37.8	476	8.40	8.6	0.6	0.5	1.1	5.2	0.24	0.23	0.10	141	0.15	0.044
501	Soil	0.67	86.36	8.76	128.1	30	450.3	104.5	1248	12.22	8.2	0.2	0.6	0.7	3.7	0.18	0.08	0.07	117	0.11	0.049
502	Soil	1.04	76.89	4.56	57.6	106	82.4	20.8	511	8.19	8.5	0.4	1.4	1.2	3.0	0.11	0.23	0.08	142	0.09	0.044
503	Soil	0.45	43.28	6.15	29.3	19	107.9	14.7	278	5.07	3.4	0.3	0.6	0.6	3.6	0.18	0.17	0.08	169	0.11	0.028
504	Soil	0.72	90.19	5.10	46.9	21	122.0	27.4	414	6.41	6.6	0.4	0.6	0.9	4.0	0.13	0.15	0.07	105	0.14	0.028

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Client: Rockland Minerals Corp.
 800 - 885 W. Georgia Street
 Vancouver BC V6C 3H1 Canada

Project: RETTY LAKE
Report Date: October 30, 2008

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	Analyte	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
			La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te	Ga	Cs	Ge	Hf
			ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm
			MDL	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
489	Soil		4.9	336.8	1.83	20.4	0.307	<20	2.59	0.006	0.06	<0.1	4.2	0.12	<0.02	35	0.7	0.06	8.3	1.07	<0.1	0.12
490	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	
491	Soil		2.8	177.4	1.14	11.7	0.302	<20	2.19	0.005	0.02	<0.1	3.8	0.06	0.02	46	0.8	0.04	6.1	0.34	<0.1	0.09
492	Soil		3.7	337.7	1.68	12.2	0.212	<20	2.97	0.004	0.05	<0.1	4.9	0.16	<0.02	25	0.8	0.07	6.9	1.00	<0.1	0.18
493	Soil		3.6	293.3	1.83	21.3	0.237	<20	3.03	0.004	0.04	<0.1	5.2	0.17	<0.02	28	0.6	0.09	6.1	0.76	<0.1	0.12
494	Soil		3.2	205.8	1.39	12.0	0.256	<20	2.57	0.005	0.02	<0.1	4.1	0.09	<0.02	26	0.5	0.08	4.9	0.36	<0.1	0.13
495	Soil		5.4	260.9	1.62	12.9	0.137	<20	1.52	0.004	0.03	<0.1	5.0	0.07	<0.02	22	0.4	0.07	4.0	0.31	<0.1	0.09
496	Soil		3.2	363.8	2.57	16.6	0.205	<20	2.89	0.004	0.04	<0.1	5.7	0.14	<0.02	29	0.5	0.07	5.9	0.87	<0.1	0.13
497	Soil		6.2	316.4	2.40	18.6	0.171	<20	2.50	0.004	0.04	<0.1	6.4	0.14	<0.02	83	0.4	0.06	5.7	0.71	<0.1	0.14
498	Soil		5.6	237.8	1.50	11.9	0.154	<20	1.57	0.004	0.04	<0.1	4.8	0.10	<0.02	39	0.6	0.07	3.9	0.40	<0.1	0.12
499	Soil		5.6	252.5	1.71	12.7	0.139	<20	1.58	0.004	0.03	<0.1	4.8	0.08	<0.02	23	0.5	0.05	4.1	0.40	<0.1	0.08
500	Soil		4.4	250.6	1.43	23.1	0.269	<20	2.71	0.006	0.04	<0.1	4.4	0.08	0.03	68	0.3	0.10	7.7	0.60	<0.1	0.10
501	Soil		2.6	628.5	3.98	23.9	0.193	<20	2.25	0.004	0.03	<0.1	7.0	0.06	0.03	59	0.4	0.10	6.5	0.70	0.1	0.05
502	Soil		3.5	200.1	0.92	13.4	0.421	<20	2.03	0.004	0.03	<0.1	3.2	0.05	0.02	26	0.5	0.07	7.8	0.65	<0.1	0.14
503	Soil		2.5	210.0	1.01	16.6	0.314	<20	1.36	0.004	0.02	<0.1	3.4	<0.02	0.03	46	0.3	0.04	7.1	0.29	<0.1	0.06
504	Soil		3.4	196.8	1.15	17.3	0.219	<20	1.83	0.004	0.02	<0.1	3.6	0.06	<0.02	28	0.3	0.08	6.0	0.38	<0.1	0.09

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CERTIFICATE OF ANALYSIS

VAN08010301.1

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
489	Soil	0.97	7.1	0.5	<0.05	4.6	2.16	16.2	<0.02	<1	0.3	17.5	<10	<2
490	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
491	Soil	1.29	2.4	0.5	<0.05	3.8	2.24	6.9	0.03	<1	0.1	8.7	19	<2
492	Soil	1.08	7.0	0.4	<0.05	8.2	2.22	10.0	0.03	1	0.3	14.6	<10	<2
493	Soil	0.35	5.0	0.4	<0.05	5.1	2.54	10.6	0.03	<1	0.3	15.1	12	4
494	Soil	0.66	2.6	0.3	<0.05	4.1	2.50	8.8	0.02	<1	0.2	13.5	<10	<2
495	Soil	0.11	3.5	0.2	<0.05	3.4	3.90	11.5	<0.02	<1	0.2	7.1	11	<2
496	Soil	0.54	5.1	0.5	<0.05	5.6	2.21	8.9	0.03	<1	0.3	16.4	<10	3
497	Soil	0.49	5.2	0.3	<0.05	5.2	4.14	16.2	<0.02	<1	0.2	12.4	<10	4
498	Soil	0.14	4.3	0.2	<0.05	5.0	3.60	14.1	0.02	2	0.2	8.3	<10	<2
499	Soil	0.15	4.0	0.2	<0.05	4.6	3.55	13.5	0.02	<1	0.1	8.2	12	5
500	Soil	1.67	4.1	0.5	<0.05	4.1	2.66	11.0	0.04	1	0.2	16.0	<10	<2
501	Soil	0.58	5.0	0.5	<0.05	2.3	1.91	6.9	0.02	2	<0.1	7.0	84	<2
502	Soil	1.86	4.5	0.4	<0.05	4.6	1.56	12.4	0.03	<1	0.1	9.3	<10	4
503	Soil	1.73	1.5	0.7	<0.05	1.9	1.90	5.5	<0.02	<1	0.1	4.2	<10	29
504	Soil	0.97	2.6	0.4	<0.05	3.4	1.85	8.7	0.02	<1	0.1	9.8	<10	<2

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QUALITY CONTROL REPORT

VAN08010301.1

Method	Analyte	Unit	MDL	1F Mo	1F Cu	1F Pb	1F Zn	1F Ag	1F Ni	1F Co	1F Mn	1F Fe	1F As	1F U	1F Au	1F Th	1F Sr	1F Cd	1F Sb	1F Bi	1F V	1F Ca	1F P
				ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
				0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																							
334	Soil			1.62	116.1	8.14	54.4	85	112.4	26.7	393	7.96	12.6	0.7	4.9	1.6	3.3	0.19	0.29	0.16	114	0.08	0.040
REP 334	QC			1.64	118.7	8.63	56.3	87	115.2	27.1	401	8.13	13.0	0.7	0.3	1.6	3.5	0.18	0.28	0.17	116	0.08	0.041
380	Soil			2.11	115.9	8.24	61.9	29	154.5	32.8	561	8.47	16.1	0.7	1.6	1.5	2.8	0.14	0.43	0.16	98	0.10	0.032
REP 380	QC			2.28	114.9	8.25	64.7	26	158.1	33.7	572	8.50	16.4	0.7	1.5	1.5	3.0	0.12	0.43	0.15	100	0.10	0.032
419	Soil			0.64	167.1	10.42	70.6	29	710.2	43.8	689	5.82	5.4	0.2	1.4	0.6	18.2	0.34	0.92	0.07	87	0.21	0.022
REP 419	QC			0.59	154.1	9.58	64.6	27	653.4	39.7	639	5.39	5.2	0.2	0.8	0.6	18.3	0.31	0.91	0.07	79	0.21	0.021
433	Soil			0.11	8.71	3.65	4.6	60	30.8	2.1	13	0.97	0.6	0.2	<0.2	<0.1	2.8	0.05	0.06	0.08	15	0.06	0.067
REP 433	QC			0.10	8.80	3.82	5.3	58	33.0	2.0	14	0.99	0.6	0.2	0.2	<0.1	3.0	0.07	0.06	0.08	15	0.07	0.067
453	Soil			1.61	120.2	8.06	60.6	26	170.2	31.0	568	6.81	14.1	0.9	1.8	1.8	4.0	0.14	0.25	0.12	79	0.13	0.023
REP 453	QC			1.69	121.1	7.78	60.8	26	172.9	31.3	572	6.91	14.1	0.9	1.7	1.9	4.3	0.10	0.25	0.13	80	0.13	0.023
480	Soil			2.75	189.2	8.55	82.0	99	120.1	23.0	667	13.55	19.9	1.3	3.9	2.4	2.3	0.16	0.16	0.16	112	0.06	0.044
REP 480	QC			2.94	193.0	8.75	85.8	147	120.1	23.7	694	13.97	20.1	1.3	83.7	2.5	2.4	0.17	0.20	0.16	114	0.07	0.046
Reference Materials																							
STD DS7	Standard			19.10	136.8	61.50	381.7	791	54.9	9.3	568	2.19	49.1	4.1	53.3	3.2	54.1	5.46	4.12	4.03	77	0.82	0.075
STD DS7	Standard			19.66	103.8	59.17	375.5	814	53.0	9.0	590	2.19	50.0	4.1	56.2	3.5	58.0	5.51	4.18	4.00	79	0.85	0.076
STD DS7	Standard			19.50	120.2	63.42	384.7	813	51.0	8.9	566	2.19	45.7	4.8	49.5	4.1	62.9	6.11	4.64	4.36	76	0.86	0.074
STD DS7	Standard			18.34	95.48	65.64	371.1	824	51.3	8.9	560	2.17	46.1	4.7	52.3	4.3	65.4	6.14	4.85	4.52	77	0.86	0.073
STD DS7	Standard			20.38	113.4	68.39	365.3	772	56.2	10.5	600	2.30	53.7	5.4	54.4	4.9	70.0	7.39	5.19	5.33	77	0.91	0.084
STD DS7	Standard			17.57	104.2	62.34	337.9	730	51.2	9.7	555	2.13	49.4	4.8	48.3	4.1	60.1	6.71	5.02	4.86	73	0.82	0.078
STD DS7	Standard			17.49	94.23	56.84	368.8	747	51.3	8.4	557	2.14	46.9	3.9	52.7	3.4	54.3	5.33	4.27	3.81	73	0.84	0.072
STD DS7	Standard			18.78	90.60	58.35	367.3	850	52.9	8.7	565	2.11	45.3	3.8	54.5	3.4	55.0	5.31	4.37	3.77	73	0.83	0.070
STD DS7	Standard			21.40	115.2	71.68	394.7	824	53.5	9.1	590	2.37	50.4	4.9	53.0	4.3	67.8	6.10	4.77	4.57	79	0.91	0.075
STD DS7	Standard			22.51	111.4	75.46	404.5	792	56.3	9.3	622	2.40	50.4	5.1	55.9	4.5	72.2	6.35	4.59	4.65	81	0.94	0.077
STD DS7	Standard			20.29	108.7	63.84	405.0	815	57.0	9.5	611	2.35	49.7	4.3	51.3	3.7	65.4	6.00	4.18	4.08	80	0.93	0.075
STD DS7	Standard			20.43	108.5	64.60	403.8	823	54.4	9.4	595	2.31	49.9	4.5	52.1	3.5	63.0	6.18	4.40	4.10	81	0.90	0.074
STD DS7	Standard			16.75	102.6	61.10	362.7	703	49.6	8.3	561	2.21	48.3	3.9	50.6	3.5	68.4	5.72	3.98	4.11	72	0.85	0.069
STD DS7	Standard			17.35	100.5	65.09	369.6	721	50.8	8.5	545	2.26	53.4	4.4	48.8	3.7	68.5	5.94	3.92	4.50	73	0.87	0.075
STD DS7 Expected				20.92	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86	4.51	86	0.93	0.08

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Method	Analyte	Unit	MDL	1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Ti ppm 0.02	1F S % 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1	1F Hf ppm 0.02
Pulp Duplicates																							
334	Soil			4.0	236.2	1.07	19.1	0.184	<20	1.89	0.004	0.03	<0.1	4.0	0.14	0.02	47	0.8	0.07	7.0	0.79	<0.1	0.13
REP 334	QC			4.4	245.1	1.09	20.5	0.186	<20	2.05	0.004	0.03	<0.1	4.0	0.15	0.02	43	0.9	0.09	7.2	0.83	<0.1	0.12
380	Soil			4.4	295.2	1.33	19.6	0.111	<20	1.71	0.002	0.05	<0.1	3.7	0.17	<0.02	41	0.7	0.09	5.8	0.85	<0.1	0.06
REP 380	QC			4.5	306.8	1.39	20.3	0.115	<20	1.77	0.003	0.05	<0.1	3.7	0.16	<0.02	40	0.7	0.11	6.1	0.88	<0.1	0.07
419	Soil			1.7	390.8	1.88	9.4	0.147	<20	2.17	0.002	0.01	<0.1	7.3	0.02	<0.02	18	0.3	0.03	4.3	0.80	<0.1	0.04
REP 419	QC			1.6	365.3	1.78	8.7	0.141	<20	2.02	0.002	0.01	<0.1	7.1	0.03	<0.02	15	0.4	0.04	4.0	0.76	<0.1	0.03
433	Soil			3.3	312.0	0.10	9.4	0.004	<20	0.55	0.004	0.01	<0.1	0.5	<0.02	0.10	71	0.5	<0.02	2.7	0.14	<0.1	<0.02
REP 433	QC			3.7	370.9	0.10	9.7	0.004	<20	0.57	0.004	0.01	<0.1	0.6	<0.02	0.10	75	0.4	0.02	2.8	0.14	<0.1	<0.02
453	Soil			7.0	231.7	1.48	16.5	0.135	<20	1.67	0.004	0.05	<0.1	5.0	0.17	<0.02	38	0.8	0.06	4.6	0.69	<0.1	0.11
REP 453	QC			7.3	233.5	1.53	16.8	0.137	<20	1.73	0.004	0.05	<0.1	5.2	0.17	<0.02	38	1.2	0.05	4.8	0.69	<0.1	0.12
480	Soil			5.6	402.0	1.52	19.4	0.116	<20	2.74	0.002	0.06	<0.1	4.8	0.45	0.02	69	1.7	0.12	7.1	1.78	0.1	0.13
REP 480	QC			5.8	411.1	1.53	18.6	0.120	<20	2.78	0.003	0.07	<0.1	4.9	0.47	0.02	84	2.0	0.10	7.3	1.81	0.1	0.11
Reference Materials																							
STD DS7	Standard			9.3	160.6	0.94	376.8	0.091	38	0.86	0.074	0.40	3.5	2.1	4.06	0.17	198	3.5	1.06	4.1	5.78	0.1	0.08
STD DS7	Standard			10.0	169.9	0.97	371.6	0.096	41	0.89	0.082	0.41	3.7	2.3	4.15	0.17	198	3.3	1.22	4.4	5.82	0.1	0.10
STD DS7	Standard			11.8	169.2	0.95	373.5	0.106	25	0.90	0.077	0.39	3.2	2.5	3.89	0.17	183	3.7	1.13	4.3	5.78	<0.1	0.12
STD DS7	Standard			11.9	166.3	0.95	373.9	0.106	26	0.91	0.081	0.40	3.4	2.6	4.02	0.17	186	3.6	1.11	4.4	5.77	<0.1	0.12
STD DS7	Standard			13.6	170.3	1.01	390.5	0.115	42	0.99	0.087	0.43	3.9	2.7	4.39	0.18	199	3.5	1.18	4.9	7.03	0.1	0.11
STD DS7	Standard			11.7	152.1	0.91	357.4	0.102	33	0.85	0.071	0.39	3.6	2.5	3.90	0.17	181	3.5	1.08	4.0	6.31	0.1	0.10
STD DS7	Standard			9.8	159.9	0.92	366.1	0.093	29	0.83	0.071	0.38	3.8	2.1	3.92	0.17	177	3.3	1.08	4.2	5.78	0.1	0.08
STD DS7	Standard			9.8	161.3	0.94	353.2	0.095	26	0.85	0.073	0.38	3.8	2.1	3.89	0.17	188	3.3	1.16	4.4	5.81	0.1	0.08
STD DS7	Standard			11.9	161.3	1.02	386.4	0.114	42	0.90	0.077	0.43	3.5	2.7	4.32	0.19	193	3.6	1.14	4.4	5.98	0.1	0.10
STD DS7	Standard			13.0	175.3	1.03	397.2	0.117	36	0.97	0.081	0.42	3.6	2.6	4.42	0.20	215	3.5	1.16	4.6	6.18	<0.1	0.13
STD DS7	Standard			12.5	174.6	1.03	381.5	0.116	32	0.94	0.078	0.43	3.5	2.7	4.24	0.19	207	3.4	1.29	4.5	6.06	<0.1	0.10
STD DS7	Standard			11.7	170.0	1.00	386.6	0.115	24	0.91	0.076	0.43	3.6	2.7	4.15	0.19	205	3.4	1.21	4.4	5.88	<0.1	0.09
STD DS7	Standard			10.3	153.7	0.98	352.0	0.097	34	0.87	0.083	0.42	3.2	2.4	3.70	0.18	181	3.2	0.94	4.1	5.27	0.1	0.09
STD DS7	Standard			10.6	140.5	0.97	370.6	0.097	24	0.86	0.081	0.43	3.6	2.6	3.92	0.18	179	3.5	1.13	4.5	5.49	<0.1	0.11
STD DS7 Expected				12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	2.5	4.19	0.21	200	3.5	1.08	4.6	6.36	0.1	0.11

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QUALITY CONTROL REPORT

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Method	Analyte	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Unit		Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd
MDL		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10
Pulp Duplicates													
334	Soil	1.32	5.0	0.6	<0.05	5.4	2.22	10.7	0.04	<1	0.2	7.8	<10
REP 334	QC	1.24	5.1	0.6	<0.05	5.5	2.34	11.1	0.03	<1	0.2	8.2	<10
380	Soil	0.58	7.5	0.4	<0.05	3.1	2.18	10.6	0.02	<1	0.2	9.9	<10
REP 380	QC	0.61	7.6	0.4	<0.05	3.4	2.23	10.5	0.03	<1	0.2	9.9	<10
419	Soil	0.31	2.2	0.3	<0.05	1.7	1.65	3.3	0.02	<1	0.1	17.4	<10
REP 419	QC	0.31	2.3	0.2	<0.05	1.6	1.58	3.2	<0.02	<1	<0.1	16.5	<10
433	Soil	0.18	0.9	0.2	<0.05	<0.1	1.42	6.7	<0.02	<1	<0.1	0.5	<10
REP 433	QC	0.20	0.9	0.3	<0.05	<0.1	1.51	7.1	<0.02	<1	<0.1	0.6	<10
453	Soil	0.18	6.9	0.3	<0.05	5.0	3.47	12.3	0.02	<1	0.2	11.3	<10
REP 453	QC	0.23	7.0	0.3	<0.05	5.2	3.57	13.3	0.03	<1	0.3	9.4	<10
480	Soil	0.68	10.3	0.5	<0.05	6.1	2.51	12.7	0.04	2	0.4	12.2	21
REP 480	QC	0.74	11.2	0.5	<0.05	6.5	2.67	12.9	0.03	<1	0.4	12.6	11
Reference Materials													
STD DS7	Standard	0.47	33.7	4.0	<0.05	4.7	3.91	30.3	1.43	5	1.4	26.4	73
STD DS7	Standard	0.50	33.9	4.1	<0.05	5.1	4.32	32.8	1.50	3	1.6	26.8	82
STD DS7	Standard	0.43	33.2	4.5	<0.05	5.2	4.98	32.4	1.47	3	1.5	26.2	66
STD DS7	Standard	0.48	34.3	4.5	<0.05	5.4	5.07	33.6	1.56	3	1.5	26.9	66
STD DS7	Standard	0.58	37.3	5.4	<0.05	5.7	5.79	34.7	1.87	5	1.6	29.2	38
STD DS7	Standard	0.53	34.9	4.9	<0.05	5.2	4.95	30.6	1.65	2	1.5	26.0	38
STD DS7	Standard	0.66	32.8	4.0	<0.05	5.0	4.25	31.5	1.35	5	1.3	26.0	72
STD DS7	Standard	0.61	33.4	4.1	<0.05	5.1	4.36	30.3	1.37	5	1.3	25.5	80
STD DS7	Standard	0.47	33.7	4.8	<0.05	5.1	4.90	33.4	1.61	3	2.0	28.4	78
STD DS7	Standard	0.48	35.4	4.9	<0.05	5.6	5.32	34.4	1.67	5	1.8	27.3	62
STD DS7	Standard	0.50	34.1	4.7	<0.05	4.7	5.05	35.8	1.63	4	1.5	27.9	89
STD DS7	Standard	0.40	33.8	4.8	<0.05	4.4	4.59	34.5	1.50	5	1.6	27.3	94
STD DS7	Standard	0.33	30.9	4.5	<0.05	4.9	4.37	29.0	1.39	4	1.5	26.3	51
STD DS7	Standard	0.27	32.3	4.4	<0.05	4.8	4.28	30.8	1.53	<1	1.6	28.1	68
STD DS7 Expected		0.71	35.8	5.4		5.4	5.18	38	1.57	4	1.6	29.3	58

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		1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1	1F Ag ppb 2	1F Ni ppm 0.1	1F Co ppm 0.1	1F Mn ppm 1	1F Fe % 0.01	1F As ppm 0.1	1F U ppm 0.1	1F Au ppb 0.2	1F Th ppm 0.1	1F Sr ppm 0.5	1F Cd ppm 0.01	1F Sb ppm 0.02	1F Bi ppm 0.02	1F V ppm 2	1F Ca % 0.01	1F P % 0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	0.5	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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QUALITY CONTROL REPORT

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		1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Ti ppm 0.02	1F S % 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1	1F Hf ppm 0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1	<0.02

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		1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2

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