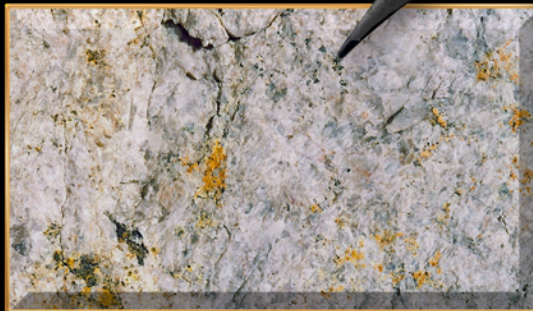
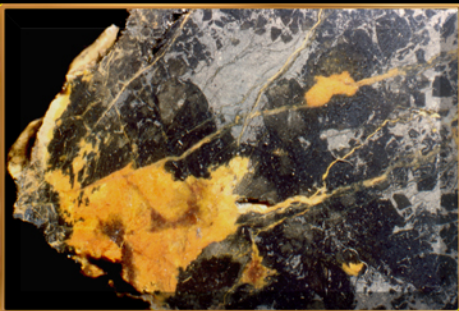




Report on mineral exploration activities in
QUÉBEC
2007



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DISCLAIMER

The data compiled in this report come from several sources, including questionnaires addressed to prospectors, to directors of regional First Nations and Inuit exploration funds, and to representatives of mining and exploration companies, as well as from their press releases. The accuracy and reliability of this information depend solely on these sources.

The authors disclaim all responsibility for reproducing any errors originating from these sources.

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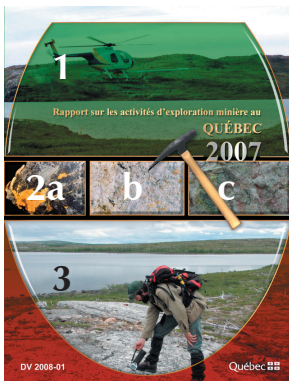
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Photographs

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- 2b** Secondary uranium minerals in the white pegmatitic facies of the Late Proterozoic Turgeon Granite (Grandroy showing), eastern part of the Genville Province, NW of Baie-Johan-Beetz, Quebec North Shore.
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Map of the uranium in secondary environment geochemistry and mineralization, Québec.

Exploration and Deposit Appraisal Highlights

Québec's investment climate has been very favourable for mineral exploration over the last four years. As of December 31, 2007, a new record high of more than 263,000 active mining titles was recorded, covering a total surface area of 12 million hectares throughout Québec. Moreover, exploration and deposit appraisal expenditures in Québec remained above the \$200M mark in each of the last four years (\$227M in 2004, \$205M in 2005, \$295M in 2006, and according to company spending intentions, \$365M in 2007).

In 2006, the bulk of these expenditures was devoted to off-minesite activities (\$265M, 82%). This work was mostly managed by junior mining companies (\$187M) and major mining companies (\$73.5M). Exploration and deposit appraisal activities were largely focussed on precious metals, primarily gold (\$145.4M, 49.3%), base metals (\$70.8M, 24%), diamond (\$29M, 9.8%), ferrous metals (\$22.2M, 7.5%), and uranium (\$22M, 7.4%).

Gold

West of Rouyn-Noranda, **Rocmec Mining Corporation Inc.** continued drifting and underground drilling on its Rocmec I gold project (formerly Russian-Kid). The Boucher Gold Zone assayed 214 g/t Au over 2.4 m in drillhole RS-02-07. **Yorbeau Resources Inc.** completed drillholes on the Augmitto block of its Rouyn property. Drillhole 07-S-425 intersected 3 m grading 20.78 g/t Au. Preparations are underway to dewater the ramp at this deposit. In the same area, **Alexis Minerals Corporation** and **Thundermin Resources Inc.** completed a 36-hole drilling program on the Lac Pelletier project. Best results include 7.58 g/t Au over 22.4 m in drillhole 17475-31, where the B shear and Zone 4.1 intersect.

Aurizon Mines Ltd conducted a drilling program on its Joanna property, located 20 km west of Rouyn-Noranda. Drillhole JA-01 intersected 32 m grading 2.2 g/t Au. A new grade and tonnage estimate was released for the deposit, showing an indicated resource of 11.3 Mt at 1.7 g/t Au and an inferred resource of 28.57 Mt at 1.6 g/t Au. During the first quarter of 2007, **IAMGOLD Corporation** announced the discovery of a mineralized zone, Zone 2 Extension, located about 1.2 km east of the Doyon mine shaft. Development of the exploration drift from level 14 at the mine toward the Westwood zone, which began in 2004, should be completed by the end of 2007. A pre-feasibility study is underway and results are expected in the second half of 2008.

In Malartic, **Osisko Exploration Ltd** continued its feasibility study on the Canadian Malartic project for a large-scale

open pit gold mine, with a targeted production rate of 450,000 to 600,000 ounces per year. An inferred resource of 286 Mt at 0.92 g/t was defined using a lower cut-off of 0.4 g/t Au. Near Malartic, **Niogold Mining Corporation** calculated, for the Norlartic and Kierens deposits, indicated resources of 845,000 t at 2.66 g/t Au and 3.09 Mt at 2.72 g/t Au. Drillholes intersected several gold-bearing intervals, including 6.5 g/t Au over 3.0 m in drillhole MB-07-013, near the Marban deposit.

Alexandria Minerals Corporation continued exploration work on its properties straddling the Cadillac Tectonic Zone. On the Orenada property, drillholes intersected wide low-grade intervals, such as 79 m true thickness at 0.94 g/t Au in drillhole AAX-07-11.

East of Lebel-sur-Quévillon, **Metanor Resources Inc.** is currently extracting a bulk sample from the Barry gold deposit, where an indicated resource of 385,000 t at 4.23 g/t Au was defined near surface. On the Windfall Lake property, **Noront Resources Ltd** intersected in drillhole a stockwork of gold-bearing PY-QZ veins in altered felsic volcanic rocks. Several high-grade gold intercepts were reported, such as 19.37 g/t Au over 4.0 m in drillhole NOT-07-157. The company is planning to drive an exploration ramp in 2008. **Cadiscor Resources Inc.** announced the start of a scoping study on the Main Area on its Discovery gold property.

Northeast of Opinaca Reservoir, **Opinaca Mines Ltd**, a wholly-owned subsidiary of **Goldcorp Inc.**, continued its definition drilling program on the Roberto gold system on the Eleonore property. An initial mineral resource estimate shows that part of the orebody contains an indicated resource of 7.7 million tonnes at a grade of 7.4 g/t Au (1.83 million ounces of gold), plus 4.1 million tonnes at a grade of 7.12 g/t Au (929,000 ounces of gold), from the surface down to 800 metres depth. The Roberto system has now been traced over a strike length of at least 2 km and to a vertical depth of 1,370 metres, and still remains open in all directions. The recent discovery of a high-grade gold-bearing shear zone (drillhole ELE-07-470: 267.51 g/t Au over 1.45 m) along the northern extension of Roberto should contribute significantly to the resource base in the future. The feasibility study should be completed by the end of 2008 and construction is expected to begin in 2009.

South of the Eleonore project, joint venture partners **Eastmain Resources Inc.**, **Opinaca Mines Ltd** and **Azimut Exploration Inc.** confirmed the JT Gold Target on the Eleonore South JV project, by uncovering the VG Zone, which yielded assays of 37.8 g/t Au over 1.0 m, 31.2 g/t Au over 1.0 m, and 5.33 g/t Au over 8.0 m (surface channel samples) in sedimentary rocks similar to those hosting the Roberto deposit.

On the Opinaca B property, located a few kilometres north-east of Eleonore, partners **Everton Resources Inc.** and **Azimut Exploration Inc.** reported several gold-bearing drill intervals

on the Claude Target, including a 2.0-m section in drillhole OP-07-11 that yielded a grade of 6.73 g/t Au.

In the Chaudière-Appalaches region, drillholes by **Golden Hope Mines Limited** intersected the Timmins 2 zone on the Bellechasse property, with grades of 7.51 g/t Au over 6.45 metres, including 34.8 g/t Au over 1.09 metre, as well as 1.85 g/t Au over 18.78 metres, including 4.07 g/t Au over 5.02 metres. Along the Ascot Vein, 68 trench samples yielded assays ranging from 0 to 34 g/t per sample, whereas weighed average gold grades range from background values (150 ppb) to 4.38 g/t.

Base Metals (Copper, Zinc)

In the Chibougamau area, on the Scott Lake property, **COGITORE Resources Inc.** completed an important drilling program, resulting in the expansion of the three known Zn-Cu zones, as well as the new lens discovered in 2006.

A drilling program conducted by **Sirios Resources Inc.** on the Pontax project outlined an important mineralized system with Ag-Zn-Cu-Au-Pb extending for several kilometres strike length along the favourable felsic horizon. The mineralized zone, exposed on surface over 50 metres and traced in drillhole over 200 metres strike length, reaches a minimum vertical depth of 100 metres; drill intercepts range from 1 to 10 metres in thickness, averaging 3.2 metres. The zone remains open at depth and shows weighed average metal grades of 94 g/t Ag, 0.59% Zn, 0.18% Cu, 0.22 g/t Au, and 0.11% Pb.

About 50 km west of the former Eastmain gold mine, northwest of the Monts Otish, **Western Troy Capital Resources Inc.** released a new resource estimate for the MacLeod Lake project, reporting an indicated resource of 24.4 Mt at 0.53% Cu, 0.076% Mo, 0.05 g/t Au, and 4.0 g/t Ag and an inferred resource of 3.8 Mt at 0.29% Cu, 0.036% Mo, 0.03 g/t Au, and 3.0 g/t Ag in the Main Zone, in addition to an indicated resource of 1.47 Mt at 0.72% Cu, 0.18% Mo, 0.54 g/t Au, and 19 g/t Ag in the South Zone. Based on these results, the company commenced in 2007 a scoping study on the project.

On the Coulon JV property, located 15 km north-northwest of Fontanges airport near Caniapiscau, **Virginia Mines Inc.** confirmed in drillhole the presence of six massive sulphide lenses (9-25, 16-17, 08, 43, 44, and Spirit). Best results to date include 9.94% Zn, 0.73% Cu, and 96.4 g/t Ag over 19.5 m in lens 16-17; and 4.34% Zn, 1.12% Cu, and 33.79 g/t Ag over 30.85 m in lens 44.

In the Gaspésie region, **Threegold Resources Inc.** reported in early 2007, average grades of 3.06% Cu and 5.17 g/t Ag in one of twelve trenches excavated in 2006 on the Gasse property, Lemieux Dome project. This average is based on the results of 32 grab samples collected over a 27-metre interval. Six grab samples collected from another area on the Gasse property

over a 21-metre interval, yielded average grades of 1.16% Cu, 3.39% Zn, and 6.18 g/t Ag.

On its Lac des Pics property, **First Source Resources Inc.** reported grades above 3 g/t Au for 11 out of 23 grab samples collected along Vein No. 1, whereas five trench samples collected in the northern part of the vein yielded assays ranging from 0.2 g/t to 1.1 g/t Au. Along Vein E, 9 out of 27 grab samples yielded grades ranging from 1.12% Cu to 5.86% Cu.

Nickel (Copper and Platinum Group Elements)

About 140 km northeast of Matagami, **Victory Nickel Inc.** completed a mineral resource estimate for its Lac Rocher project, reporting a total of 1.2 Mt grading 0.93% Ni in measured and indicated resources. The company is planning the first phase of development on the project in 2008, with a bulk sampling program of 50,000 tonnes of ore grading 4% Ni via a ramp.

On the Lac Levac project, located 40 km northeast of Nemiscau, **Golden Goose Resources Inc.** released a mineral resource estimate, reporting an indicated resource of 516,000 t at 0.89% Ni, 0.39% Cu, 0.058% Co, 0.14 g/t Pt, and 0.79 g/t Pd, and an inferred resource of 734,000 t at 0.89% Ni, 0.39% Cu, 0.06% Co, 0.14 g/t Pt, and 0.77 g/t Pd, to a vertical depth of 210 metres.

In the Ungava Trough, exploration results from the latest drilling program by **Xstrata Nickel** on the Raglan property led to the definition of an additional inferred resource of 2 million tonnes grading 3.0% Ni in Zone 5-8, located 4 km east of Katinniq (Raglan mine), including a 63-metre interval at 4.4% Ni and 1.6% Cu. Zone 5-8 has now become the largest ore zone in Raglan's history, outranking Katinniq with a preliminary inferred resource estimate of 10 million tonnes at 3.2% Ni, 0.8% Cu, 0.08% Co, 0.9 g/t Pd, and 2.1 g/t Pt. Plans to increase mine production from 1.1 to 1.3 million tonnes of ore per year by the end of 2008 are currently underway at the Raglan mine. On the Nunavik Nickel project, located 20 km south of the Raglan mine, **Canadian Royalties Inc.** completed a feasibility study on the Mesamax, Expo, and Ivakkak deposits, where cumulative reserves total 11.3 Mt at 0.97% Ni, 1.13% Cu, 0.05% Co, 0.10 g/t Au, 0.45 g/t Pt, and 1.86 g/t Pd. Moreover, a preliminary economic assessment resulted in an updated indicated resource estimate for the Mequillon deposit of 5.4 Mt at 0.74% Ni, 1.07% Cu, 0.04% Co, 0.23 g/t Au, 0.70 g/t Pt, and 2.65 g/t Pd on the same project.

Partners **Anglo American Exploration (Canada) Ltd** and **Knight Resources Inc.** continued exploration on the West Raglan property, covering approximately 65 km strike length along the Raglan Horizon. Several mineralized zones were intersected in drillhole, with grades of 3.22% Ni, 1.93% Cu, 0.99 g/t Pt, and 3.35 g/t Pd over 3.50 m (drillhole WR-07-130),

and 1.06% Ni, 0.36% Cu, 0.24 g/t Pt, and 0.96 g/t Pd over 25.79 m (drillhole WR-07-128) in the Frontier South zone; and 0.5% Ni, 0.27% Cu, 0.14 g/t Pt, and 0.5 g/t Pd over 9.16 m (drillhole WR-07-132) in the Century zone. About 80 km southeast of the Raglan mine, **Goldbrook Ventures Inc.** continued exploration along the Bélanger-Delta Horizon on its Raglan property and reported several mineralized drill intercepts, including 1.79% Ni, 3.49% Cu, 0.09% Co, 0.40 g/t Pt, 2.96 g/t Pd, and 0.18 g/t Au over 7.0 m (drillhole BRA07-006, Bravo target area); 1.41% Ni, 0.67% Cu, and 3.23 g/t PGE+Au over 96.4 m (drillhole SYL07-023, Sylvie target area); and 0.54% Ni, 0.67% Cu, 0.03% Co, and 1.47 g/t PGE+Au over 42.0 m (drillhole MYS07-002, Mystery target area).

In the Témiscamingue region, Pontiac Subprovince, **Fieldex Exploration Inc.** intersected 30.09 m grading 1.00% Ni and 0.53% Cu in drillhole LF-07-07 on the Laforce project.

In the northeast Grenville Province, **Manicouagan Minerals Inc.** released the results of its first drillholes completed on its Mouchalagane project. Drillhole MCH-07-03 testing the Bob showing intersected 0.16 m grading 9.49% Ni, 0.07% Cu, 0.45% Co, 1.17 g/t Pt, and 7.88 g/t Pd.

Diamond

North of the Monts Otish, **Stornoway Diamond Corporation** and **SOQUEM INC.** recovered a total of 6,497 carats of diamonds from 6,036 tonnes of kimberlite extracted from the Renard 2, 3, and 4 bodies. A diamond valuation by WWW International Diamond Consultant indicates an average modeled diamond price of US\$109 per carat for Renard 2 and 3, whereas the average modeled price for Renard 4 is US\$63 per carat. In December 2007, the results of a 530-tonne bulk sampling program on Lynx yielded a diamond grade of 107 carats per hundred tonnes, including a stone weighing 21.53 carats.

Uranium

In the sedimentary Otish Basin, **Strateco Resources Inc.** continued its definition drilling program in the AM-15 core zone on the Matoush uranium project, covering a horizontal distance of more than 160 metres at a grade on the order of 1.0% U_3O_8 , thus defining an indicated mineral resource of 201,000 tonnes grading 0.79% U_3O_8 for a total of 3.48 million pounds U_3O_8 . These results were obtained along the Matoush

fault zone (MFZ), which has now been traced in drillhole over a strike length of at least 9 km.

NWT Uranium Corporation and **Azimut Exploration Inc.** uncovered seven distinct uranium zones with a cumulative strike length of 10 km and grades reaching 3.3% U_3O_8 in grab samples collected on the North Rae property, near Ungava Bay. In the same area, **Majescor Resources Inc.** and **Azimut Exploration Inc.** delineated a 30-km-long prospective uranium trend on the South Rae property. Assay results up to 0.57% U_3O_8 were obtained from surface rock samples.

In the Côte-Nord region, **Jourdan Resources Inc.** reported good surface results from its uranium property in the Wakeham sedimentary Basin, located 70 km north of Havre-Saint-Pierre. Grab sample #436254 yielded a grade of 0.591% U_3O_8 . A drilling program is underway to test four occurrences discovered on the property.

Iron

New Millenium Capital Corporation conducted a preliminary assessment study on the Kémag iron ore project (Lac Harris), located 40 km northwest of Schefferville. In September 2007, the company released the results of a preliminary resource estimate for the Lac Harris iron ore deposit, showing an indicated mineral resource of 1.349 billion tonnes at 30.85% Fe and an inferred mineral resource of 995 million tonnes at 30.85% Fe. The orebody consists of magnetite taconite.

In the Côte-Nord region near Lac Peppler, **Quinto Mining Corporation** continued exploration on satellite deposits adjacent to the Peppler Lake iron ore deposit (250 Mt at 28.2% Fe). Recent work on the Lamelee property resulted in drill intercepts of 111 metres grading 35.02% Fe (drillhole L-9-07), 114 metres at 30.69% Fe (drillhole L-3-07), and 279 metres at 29.68% Fe (drillhole L-5-07).

Industrial Minerals

Exploration Orbite VSPA Inc. completed a series of drillholes on the Grande-Vallée red clay deposit located northeast of Murdochville (Gaspésie region), in order to better delineate ore reserves. The company is also planning for 2008, a pilot project to extract high-purity alumina from the red clay deposit.

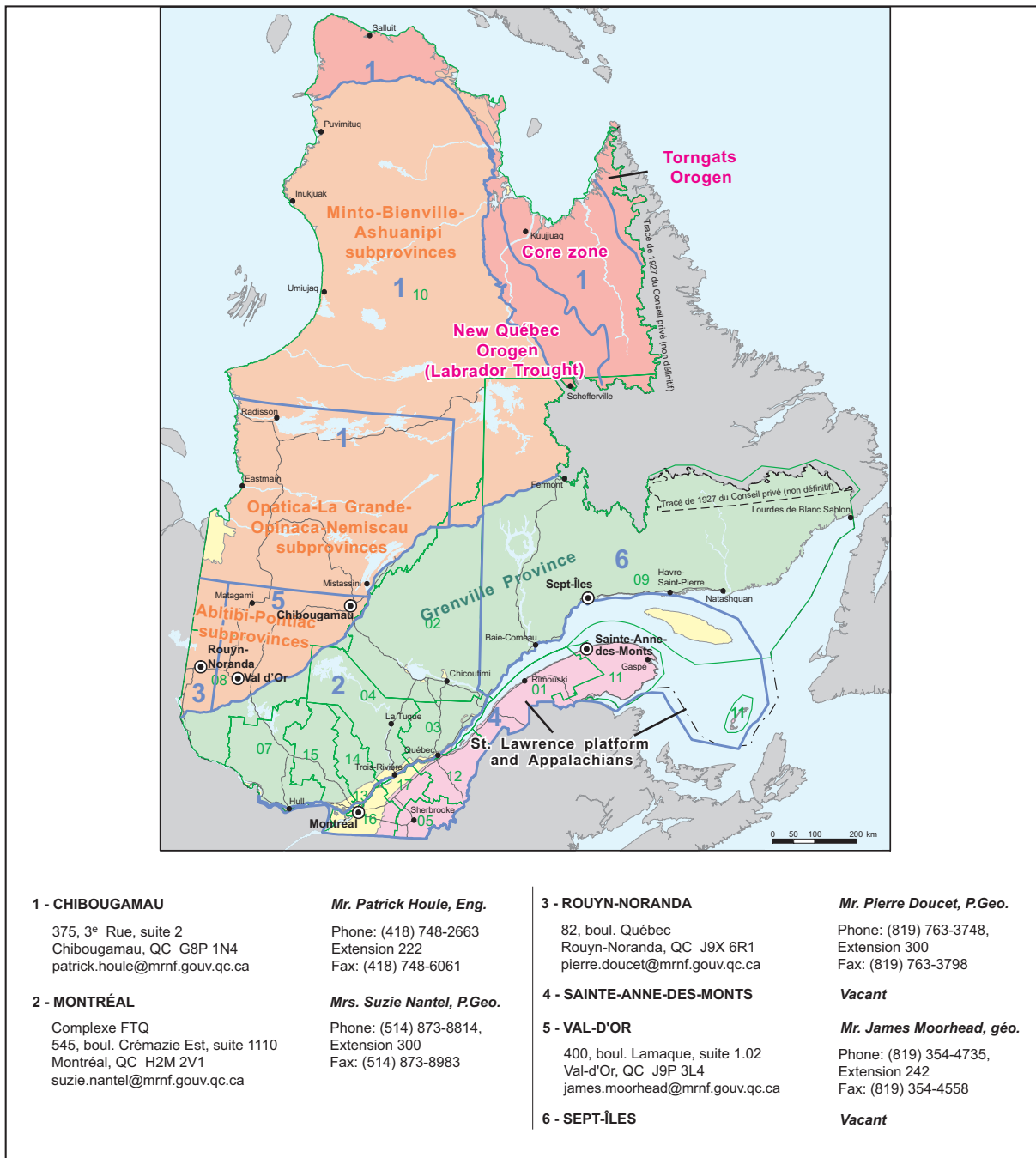


Figure 1. Geological subdivisions, administrative area limits and key persons to contact.

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Chapter 1

Base and precious metals

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1A - James Bay Region, Central Superior Province (Opatica, Opinaca, Nemiscau, and La Grande Subprovinces) and Northern Superior Province (Administrative Region 10, Nord-du-Québec)

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 Direction Énergie, Mines et Territoire public,
 Nord-du-Québec region

The James Bay region lies in the central Superior Province and contains four geological subprovinces, which are, from north to south, the La Grande, Opinaca, Nemiscau, and Opatica subprovinces. Comprising volcano-plutonic and sedimentary assemblages, these subprovinces are transected by a series of E-W to WNW-ESE and NE-SW-trending shear zones. They are metamorphosed to the greenschist facies in their centres, grading to the upper amphibolite facies near their margins. These assemblages are intruded by a number of granitoids assigned to various plutonic suites (Moukhsil *et al.*, 2003).

Superior Province

FROTET-EVANS AREA

Located in the centre of the Opatica Subprovince, the Frotet-Evans volcano-sedimentary belt (FEVB) is primarily composed of tholeiitic and calc-alkaline volcanic formations. The 250-km-long FEVB is subdivided into four lithotectonic segments, which are, from west to east: 1) Evans-Ouagama, 2) Storm-Evans, 3) Assinica, and 4) Frotet-Troilus.

About 140 km northeast of Matagami, **Victory Nickel Inc.** completed a mineral resource estimate for the Lac Rocher deposit (Project 37, figure 1A-1), reporting a total of 1.2 Mt grading 0.93% Ni in measured and indicated resources. The company is planning the first phase of development on the project, with a bulk sampling program of 50,000 tonnes of ore grading 4% Ni via a ramp in 2008. At the northern end of the Frotet-Troilus lithotectonic segment, **Inmet Mining Corporation** continued open pit mining operations at the Troilus mine (Cu-Au-Ag).

EASTMAIN AREA

The Eastmain area comprises the Lower Eastmain greenstone belt (Lower Eastmain and Middle Eastmain segments) and the Upper Eastmain greenstone belt (Upper Eastmain segment; Otish Mountains area). Archean volcano-sedimentary rocks of the Lower Eastmain greenstone belt are assigned to the Eastmain Group. This group is composed of komatiitic to

rhyolitic volcanic rocks and a variety of sedimentary rocks. Paragneisses of the Auclair Formation (Nemiscau and Opinaca basins) overlie this assemblage.

During the summer of 2007, field crews from the Bureau de l'exploration géologique du Québec continued mapping at 1/50,000 scale in the Opinaca Reservoir area (NTS 33 C/10, 11 and 15). The results of this survey indicate a favourable setting for: a) porphyry-type occurrences; b) gold-rich volcanogenic massive sulphides; c) gold associated with regional deformation zones or contact zones between sedimentary and volcanic sequences; d) epigenetic occurrences associated with metasomatic veining; e) iron formation-hosted occurrences; and f) rare elements in white pegmatites.

Northeast of Opinaca Reservoir, **Opinaca Mines Ltd**, a wholly-owned subsidiary of **Goldcorp Inc.**, continued its definition drilling program on the Roberto gold system on the Eleonore property (Project 54). An initial mineral resource estimate indicates that part of the orebody contains an indicated resource of 7.7 million tonnes at a grade of 7.4 g/t Au (1.83 million ounces of gold), plus 4.1 million tonnes grading 7.12 g/t Au (929,000 ounces of gold), from the surface down to 800 metres depth. The Roberto system has now been traced over a strike length of at least 2 km and to a vertical depth of 1,370 metres, and still remains open in all directions. The recent discovery of a high-grade gold-bearing shear zone (drill hole ELE-07-470: 267.51 g/t Au over 1.45 m) along the northern extension of the Roberto deposit should contribute significantly to the resource base in the future. The feasibility study should be completed by the end of 2008 and construction is expected to begin in 2009.

South of the Eleonore project, joint venture partners **Eastmain Resources Inc.**, **Opinaca Mines Ltd** and **Azimut Exploration Inc.** confirmed the JT Gold Target on the Eleonore South JV project (Project 60), by uncovering the VG Zone, which yielded assays of 37.8 g/t Au over 1.0 m, 31.2 g/t Au over 1.0 m, and 5.33 g/t Au over 8.0 m (surface channel samples) in sedimentary rocks similar to those hosting the Roberto deposit.

On the Opinaca project (Project 55), **Beafield Resources Inc.** drill-tested the Kesnel and Ylesia zones, discovered in 2006. Drillhole OP-07-15 intersected 2.15 m grading 0.11% Mo, 149 ppb Au, 3.7 g/t Ag, and 0.11% Cu.

On the Opinaca B property (Project 71), located a few kilometres northeast of Eleonore (Project 54), partners **Everton Resources Inc.** and **Azimut Exploration Inc.** reported several gold-bearing drill intervals on the Claude Target, including a 2.0-m section in drillhole OP-07-11, which yielded a grade of 6.73 g/t Au.

A drilling program conducted by **Sirios Resources Inc.** on the Pontax project (Project 45) outlined an important min-

1A

eralized system with Ag-Zn-Cu-Au-Pb extending for several kilometres strike length along the favourable felsic horizon. The mineralized zone, exposed on surface over 50 metres and traced in drillhole over 200 metres strike length, reaches a minimum vertical depth of 100 metres; drill intercepts range from 1 to 10 metres in thickness, averaging 3.2 metres. The zone remains open at depth and shows weighed average metal grades of 94 g/t Ag, 0.59% Zn, 0.18% Cu, 0.22 g/t Au, and 0.11% Pb.

In the Eastmain river area about 25 km south of the Roberto deposit, **Eastmain Resources Inc.** completed a definition drilling program in the central part of the Eau Claire gold deposit, in the 450 West Zone – veins P, JQ and R (Project 67). More than one hundred gold-bearing drill intercepts were used to better define the deposit over a strike length of 300 metres and to a vertical depth of 50 metres.

International Kirkland Minerals Inc. reported a few uraniferous drill intercepts on the Rupert River Uranium property (Project 41), among which 0.096% U_3O_8 over 2.45 m (hole IKI-32), including 0.394% U_3O_8 over 0.35 m.

On the Levac Lake property (Project 44), located 40 km northeast of Nemiscau, **Golden Goose Resources Inc.** released a mineral resource estimate, reporting an indicated resource of 516,000 tonnes at 0.89% Ni, 0.39% Cu, 0.058% Co, 0.14 g/t Pt, and 0.79 g/t Pd, and an inferred resource of 734,000 tonnes at 0.89% Ni, 0.39% Cu, 0.06% Co, 0.14 g/t Pt, and 0.77 g/t Pd, to a vertical depth of 210 metres.

In the sedimentary Otish Basin, **Strateco Resources Inc.** continued its definition drilling program in the AM-15 core zone on the Matoush uranium project (Project 6), covering a horizontal distance of more than 160 metres at a grade on the order of 1.0% U_3O_8 , thus defining an indicated mineral resource of 201,000 tonnes grading 0.79% U_3O_8 for a total of 3.48 million pounds U_3O_8 . These results were obtained along the Matoush fault zone (MFZ), which has now been traced in drillhole over a strike length of at least 9 km. Other uranium zones were also intersected in drillhole, among which the AM-8 zone.

About 50 km west of the former Eastmain gold mine, northwest of the Otish Mountains, **Western Troy Capital Resources Inc.** released a new resource estimate for the MacLeod Lake project (Project 15), reporting an indicated resource of 24.4 Mt at 0.53% Cu, 0.076% Mo, 0.05 g/t Au, and 4.0 g/t Ag, and an inferred resource of 3.8 Mt at 0.29% Cu, 0.036% Mo, 0.03 g/t Au, and 3.0 g/t Ag in the Main Zone, in addition to an indicated resource of 1.47 Mt at 0.72% Cu, 0.18% Mo, 0.54 g/t Au, and 19 g/t Ag in the South Zone. Based on these results, the company commenced in 2007 a scoping study on the project.

North of the Otish Mountains, **Stornoway Diamond Corporation** and **SOQUEM INC.** recovered a total of

6,497 carats of diamonds from 6,036 tonnes of kimberlite extracted from the Renard 2, 3, and 4 bodies on the Foxtrot project (Project 1). The largest stones recovered from the Renard 2, 3, and 4 bodies each weighed 15.46, 10.15 and 5.93 carats respectively. A diamond valuation by WWW International Diamond Consultant indicates an average modeled diamond price of US\$109 per carat for Renard 2 and 3, whereas the average modeled price for Renard 4 is US\$63 per carat. A pre-feasibility study was launched in July 2007 on the project. In December 2007, the results of a 530-tonne bulk sampling program on Lynx yielded a diamond grade of 107 cph, including a stone weighing 21.53 carats. A bulk sample of 300 tonnes was also extracted from the Renard 65 body. A feasibility study is expected to commence in 2008.

LA GRANDE AREA

The La Grande area comprises three major Archean assemblages, Proterozoic dykes, and a series of grabens infilled with siliciclastic sediments of the Paleoproterozoic Sakami Formation. Archean assemblages include the Bienville plutonic Subprovince to the northwest, the La Grande volcano-plutonic Subprovince in the centre, and the metasedimentary and plutonic Opinaca Subprovince to the southeast.

Part of the La Grande Subprovince, the La Grande volcano-sedimentary belt (LGVB) hosts the vast majority of known mineral occurrences in this subprovince. Parallel to the Wemindji-Caniapiscou structural zone, the LGVB consists of mafic to felsic volcanic rocks interbedded with metasedimentary rocks and oxide-facies or magnetite iron formations. Komatiitic flows and ultramafic intrusions are also present and locally host Ni-Cu ± PGE and Cr occurrences.

Augyva Mining Resources Inc. reported grades of 1.12% Cu and 0.71 g/t Au over 8 m in drillhole YAS-07-02 on the Yasinski property (Project 90). Occurring at the top of a silicified basaltic unit near the contact with a banded iron formation, this interval contains 5-15% disseminated and stringer sulphides, mainly pyrrhotite and chalcopyrite with minor pyrite and occasional sphalerite.

On the Menarik Cr-PGE project (Project 89), **Pro-Or Mining Resources Inc.** confirmed in drillhole a copper-nickel showing discovered in 1997. Drillhole MK-07-60 yielded grades of 0.40% Ni and 0.11% Cu over 52.2 m.

On the Coulon JV project (Project 100), located 15 km north-northwest of Fontanges airport near Caniapiscou, **Virginia Mines Inc.** confirmed in drillhole the presence of six massive sulphide lenses (9-25, 16-17, 08, 43, 44, and Spirit). Best results to date include 9.94% Zn, 0.73% Cu, and 96.4 g/t Ag over 19.5 m in lens 16-17; and 4.34% Zn, 1.12% Cu, and 33.79 g/t Ag over 30.85 m in lens 44.

Northern Superior Province – Nunavik Territory

Mapping at 1/250,000 scale in NTS map sheets 24 C and 23 N, conducted during the summer of 2007 by field crews from the Bureau de l'exploration géologique du Québec, led to the discovery of silicified, rusty, and sulphide-rich zones and iron formations in the Angilbert volcano-sedimentary belt, as well as in a few other belts mapped within the Ashuanipi subprovince. Moreover, Proterozoic sandstone outliers of the Sakami Formation, located in the potentially diamondiferous Saindon-Cambrien structural zone, were highlighted for their uranium potential.

1A

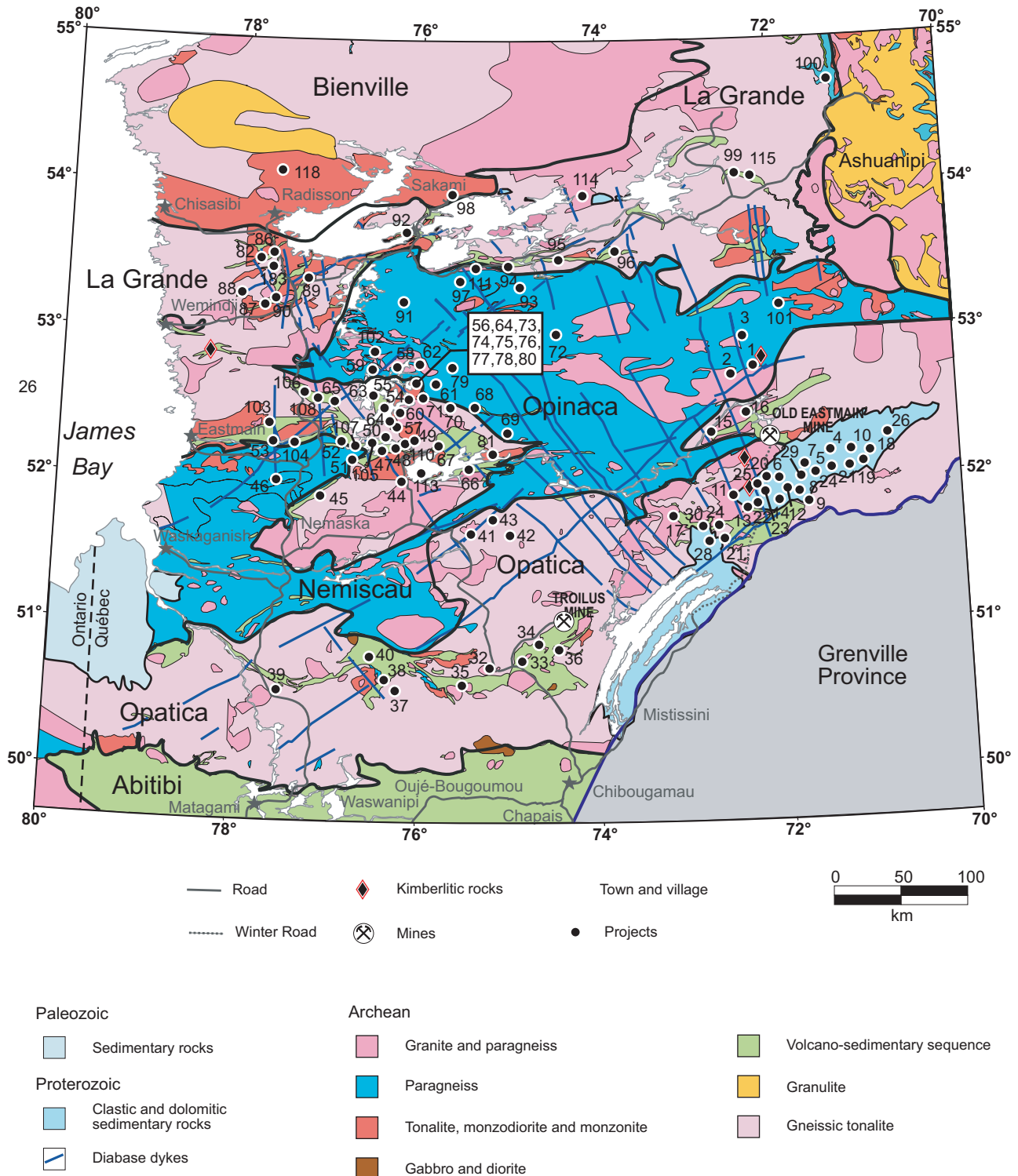


Figure 1A-1. Exploration projects in the James Bay area for 2007.

1A

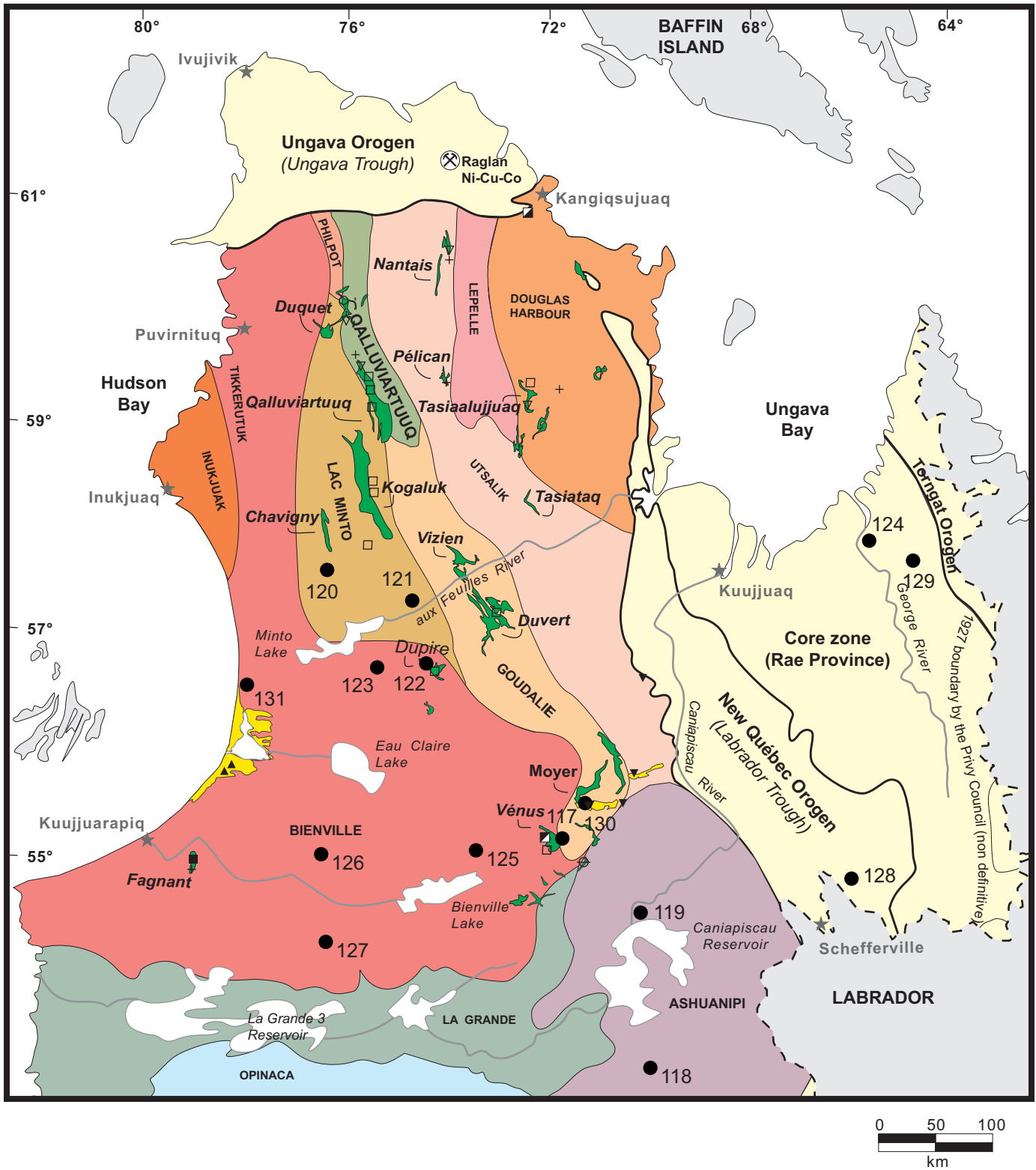


Figure 1A-2. Exploration projects in the northern part of the Superior Province for 2007.

1A

Proterozoic

- Volcano-sedimentary sequences of Paleoproterozoic basins.

Archean

- Volcano-sedimentary greenstone belts.
- **Opinaca:** Volcano-sedimentary sequences and plutonic rocks.
- **La Grande:** Volcano-sedimentary sequences and plutonic rocks.
- **Ashuanipi:** Charnockitic and granitic plutonic complexes with metamorphosed volcano-sedimentary belts at the granulite facies.
- **Bienville:** Tonalitic and granitic plutonic complexes, with enderbite and charnockite; locally with volcano-sedimentary belts.
- **Lepelle:** Granitic and charnockitic plutonic complexes.
- **Utsalik:** Granitic and charnockitic plutonic complexes with rare volcano-sedimentary belts.
- **Douglas Harbour:** Granitic and charnockitic plutonic complexes with volcano-sedimentary belts.
- **Goudalie:** Tonalitic and charnockitic plutonic complexes, diatexites, volcano-sedimentary belts.
- **Qualluviartuuq:** Volcano-sedimentary belts, tonalitic and granodiorite plutonic complexes.
- **Lac Minto:** Volcano-sedimentary belts, tonalitic and charnockitic plutonic complexes, diatexites, granodiorite.
- **Tikkerutuk:** Sedimentary belts, tonalitic and charnockitic plutonic complexes, diatexites, granodiorite.
- **Inukjuaq:** Volcano-sedimentary belts of 3.8 to 3.0 Ga, tonalitic and charnockitic plutonic complexes.

Mineralization types

- Au in iron formations
- ▽ Volcanogenic Cu-Zn-Au-Ag
- + Au in shear zones
- Porphyric Cu-Au-Ag-Mo
- Ni-Cu-PGE's in komatiites
- ⊖ Cu in veins
- Rare Earths
- ▼ Uranium
- Ni-Cu-PGE in mafic and ultramafic intrusions
- Iron
- ▲ Pb-Zn

⊗ Mine

Figure 1A. Legend of exploration projects in the northern Superior Province for 2007.

TABLE 1A - Exploration projects in the James Bay area in 2007 - Superior Province

N ^{os}	FIGURE	NTS	A. R.	COMPANIES/PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
1	1A-1	23 D, 23 E, 33 A, 33 H	10	Stornway Diamond Corporation / SOQUEM INC.	Foxtrot	Diamond	Bl(6866 tm), D(96:12602), GpMa(G), Gs(sl), Rcd (8:1189), T, TE
2	1A-1	33 A/06, 07, 08, 09, 10,15,16, 33 H/01,02	10	Majescor Resources Inc. / Forest Gate Resources Inc.	Portage	Diamond	Pg
3	1A-1	33 A/02, 03, 08, 10, 11, 14, 15, 23 D/05	10	Dios Exploration Inc.	33 Carats	Diamond	D, Gs(t)
4	1A-1	23 D/03, 04	10	Majescor Resources Inc. / Melkior Resources Inc. / Santoy Resources Inc.	Lappare Lake	U	GpMa(A), GpRa(A), Pr, S
5	1A-1	32 P/15,16, 33 A/01, 23 D/04, 22 M/13	10	Consolidated Pacific Bay Minerals Ltd/ Strateco Resources Inc.	Otish Matoush	U	D(16:?:), GpEm(G), GpMa(A,G), GpRa(A,G)
6	1A-1	32 P/16, 33 A/01	10	Strateco Resources Inc.	Matoush	U	D(148:50000), Pr, TE
7	1A-1	33 A/01	10	Strateco Resources Inc.	Éclat	U	D(5:?)
8	1A-1	32 P/16, 22 M/13	10	Cameco Corporation / Areva-Québec/UEM Inc.	Camie River	U	D(1:228)
9	1A-1	22 M/13, 14	10	Areva-Québec	Otish-A	U	G, Pr, S
10	1A-1	23 D/02,03	10	Areva-Québec	Otish-L	U	Pg
11	1A-1	32 P/16	10	Consolidated Pacific Bay Minerals Ltd	SW Otish Basin	U	GpRa(G), Pr
12	1A-1	23 D/04	10	Eloro Resources Ltd	Otish North and South Blocks	U	GpRa(A)
13	1A-1	32 P, 33 A, 23 D	10	Hinterland Metals Inc. / Kakanda Resources Corporation	Euro - Tonka - Gateau	U	GpMa(A), GpRa(A)
14	1A-1	22 M/13, 32 P/16	10	Cameco Corporation	Otish South	U	D(3:1575), S
15	1A-1	33 A/03	10	Western Troy Capital Resources Inc.	Macleod Lake	Cu-Au-Ag-Mo	D, GpEl(G), TE
16	1A-1	33A	10	Melkior Resources Inc.	Western Troy Region	Cu-Au-Mo-Diamond	Gp
17	1A-1	32 P/07,10, 14,15,16	10	Majescor Resources Inc. / Superior Diamonds Inc.	Mistassini	Diamond-U	D(1:350), GpMa(A), GpRa(A), Pr
18	1A-1	23 D/02	10	Anglo-Canadian Uranium Corporation	Big Mac	U	G, GpMa(G), GpRa(G), Gs(sl), Pr
19	1A-1	23 D/02	10	Anglo-Canadian Uranium Corporation	Charles	U	G, GpMa(G), GpEm(G), GpRa(G), Gs(sl), Pr
20	1A-1	33 A/01	10	Icon Industries Ltd	Otish	U	G, GpMa(A), GpRa(A), Pr, S
21	1A-1	23 D/01, 02, 03, 08, 22 M14, 33 A/01, 32 P/10, 16	10	Kodiak Exploration Ltd	Otish	U	GpEm(A), GpMa(A), GpRa(A), Pr, S
22	1A-1	32 P/10, 15, 16	10	Dios Exploration Inc.	Hotish Principal	U - Diamond	GpRa(A), Gs(l), Pr
23	1A-1	33 A/01	10	Dios Exploration Inc.	Hotish East	U	GpRa, Gs(l), (A), Pr
24	1A-1	32 P/10	10	Dios Exploration Inc.	Papaskwasati	U	Gs(l)
25	1A-1	33 A/01, 23 D/04	10	Stellar Pacific Ventures Inc.	Block A, Block B	U	G, GpEm(A), GpMa(A), GpRa(A,G), Gs(l), Pr, S
26	1A-1	23 D	10	Jordan Resources Inc.	Urika	U	G, GpEm(A), GpMa(A), GpRa(A), Pr, S

TABLE 1A - Exploration projects in the James Bay area in 2007 - Superior Province

N ^{os}	FIGURE	NTS	A. R. COMPANIES/PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
27	1A-1	32 P/16, 33 A/01, 22 M/13, 23 D/02, 03, 04	Golden Valley Mines Inc. / Lexam Explorations Inc.	Otish	U	G, Gp(G), GpEm(A), GpMa(A), GpRa(A), Gs, Pr, S
28	1A-1	32 P/06, 07, 10, 11	Golden Valley Mines Inc. / Lexam Explorations Inc.	Mistassini	U	Gc, Gp(G), GpMa(A), GpEm(A), GpRa(A), Pr, S
29	1A-1	23 D/04, 06, 07, 33 A/01	Kakanda Resources Corporation / Santoy Resources Inc.	Otish	U	D(7:2000), GpEm(G), GpMa(A,G), Pr
30	1A-1	32 P/07, 10, 11	Consolidated Pacific Bay Minerals Ltd	Papaskwasati Basin	U	GpM(A), GpRa(A), Pr
31	1A-1	32 I/04, 05, 11, 12	Dios Exploration Inc.	Chibouki	Diamond	D, GpMa(G), Gs(t)
32	1A-1	32 J/10	GlobeStar Mining Corporation	Moblan	Li - Ta	D
33	1A-1	32 J/10, 15, 16	Beaufield Resources Inc.	Troilus	Cu-Zn-Au-Ag	D, Gp
34	1A-1	32 J/15, 16	SOQUEM INC.	Dileo-North (1346)	Cu-Zn-Au-Ag	D(11:2200), S, T
35	1A-1	32 J/11	Virginia Mines Inc.	Assinica	Au	GpEl(G)
36	1A-1	32 J/15	Threegold Resources Inc.	Frotet-Robert	Cu-Zn-Au-Ag	D(5:?, G, S, T
37	1A-1	32 K/09	Victory Nickel Inc.	Rocher Lake	Ni	D, Env, Met, TE
38	1A-1	32 K/09, 10	Everton Resources Inc.	Scott Lake	Cu-Zn-Au-Ag	Gs(t), Pr
39	1A-1	32 K/11, 12	Everton Resources Inc.	Battleship	Cu-Zn-Au-Ag	Gp(G), Gs(t), Pr
40	1A-1	32 K/15	Beaufield Resources Inc.	Evans Lake	Cu-Zn-Au-Ag	G, GpEl(G),
41	1A-1	32 /10, 11, 12, 14, 15	International Kirkland Minerals Inc.	Rupert River Uranium	U	D(91:6760)
42	1A-1	32 O/10	Fancamp Exploration Ltd	Rupert	U	Pr
43	1A-1	32 O/11	Eloro Resources Ltd	Rupert	Cu-Au	D(17:1500)
44	1A-1	32 O/12	Golden Goose Resources Inc.	Levac Lake	Ni-Cu-PGE	D(? :9000), GpEm(B,G), TE
45	1A-1	32 N/14, 15, 33 C/02, 03	Sirros Resources Inc. / Dios Exploration Inc.	Pontax	Ag-Au-Zn-diamond	D(40:5108), G, Gp(G), GpEm(A), GpMa(A), Gs(sl), Gs(t), Pr, S, T
46	1A-1	32 M/08,09, 32 N/05, 11, 12, 13, 14, 33 C/03, 04, 05	Majescor Resources Inc. / De Beers Canada Inc.	Mirabelli	Diamond-Cu-Zn-Au-Ag	GpMa(G), Gs(t), Pr
47	1A-1	33 C/01	D'Arienne Resources Inc. / SOQUEM INC.	Opinaca / Wabamisk / Komo	Au-Cu-Zn	D(14:3062), G, GpEl(S), GpMa(S), Gs(sl), Pr, S
48	1A-1	33 C/01, 02, 03	D'Arienne Resources Inc. / Vantex Resources Ltd	Black Dog	Au	Pr, S
49	1A-1	33 C/08, 33 B/05	Vantex Resources Ltd	Opi	Au	D, Gp
50	1A-1	33 C/01	Eloro Resources Ltd	Delta	Cu-Zn-Au-Ag	D(20:3500), GpEm(G)
51	1A-1	33 C/02	Virginia Mines Inc.	Anatacua	Cu-Au	G, GpEl(G), Pg, S, T
52	1A1	33 C/02, 07	Virginia Mines Inc.	Wabamisk	Cu-Au	G, GpEl(G), Pg, S, T
53	1A-1	33 C/04, 05	Augva Mining Resources Inc.	Kali (Elmer Lake)	Cu-Au	G, Gs(sl)
54	1A-1	33 C/09	Opinaca Mines Ltd.	Eleonore	Au	D, G, Gp, S, T
55	1A-1	33 C/09	Beaufield Resources Inc.	Opinaca	Cu-Au-Ag-Mo	D(9:1200), G, GpMa(G), S

TABLE 1A - Exploration projects in the James Bay area in 2007 - Superior Province

N ^{os}	FIGURE	NTS	A. R. COMPANIES/PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
56	1A-1	33 C/09, 10	Virginia Mines Inc.	Eleonore régional	Au	D(8:1024), GpEl(G), GpMa(A,G)
57	1A-1	33 C/08	Everton Resources Inc.	Wapamisk	Cu-Zn-Au-Ag	Pr
58	1A-1	33 C/09, 16	Everton Resources Inc.	Wildcat 1	Cu-Zn-Au	Gp(G), Gs(t), Pr
59	1A-1	33 C/09, 16	Eastmain Resources Inc. / Azimut Exploration Inc.	Opinaca D	Au	G, Pr, S
60	1A-1	33 C/09, 33 B/12	Eastmain Resources Inc. / Opinaca Mines Ltd. / Azimut Exploration Inc.	Eleonore South JV	Au	G, GpEl(G), Pr, S, T
61	1A-1	33 C/09	Golden Valley Mines Ltd / Sirius Resources Inc.	Cheechoo Block C	Au	G, Gp, Gs(t), Pr
62	1A-1	33 C/09, 33 B/12, 13	Everton Resources Inc. / Azimut Exploration Inc.	Opinaca A	Au	D(8:969), GpEl(G), GpMat(G), Gs, Pr, S, T
63	1A-1	33 C/09, 33 B/11, 12, 14	Golden Valley Mines Ltd / Sirius Resources Inc.	Cheechoo Block A	Cu-Au	G, GpEl(G), Gs(t), Pr, S
64	1A-1	33 C/09, 33 B/12, 13	Golden Valley Mines Ltd / Sirius Resources Inc.	Cheechoo Block B	Au	G, GpEl(G), GpEm(G), GpMa(G), Gs(sl), Pr, S
65	1A-1	33 C/10	Beaufield Resources Inc.	Opinaca West	Au	G, GpEm(A), GpMa(A)
66	1A-1	33 B/03, 04, 06, 32 O/13, 14	Everton Resources Inc.	Eastmain and Eastmain North	Cu-Zn-Au-Ag	Gs(t), Pr
67	1A-1	33 B/04, 05	Eastmain Resources Inc.	Clearwater	Au	D(53:3000)
68	1A-1	33 B/05, 06, 12	Ressources Sirius inc.	Kukames	Au	Gs, Pr
69	1A-1	33 B/06, 07	Everton Resources Inc.	Conviac Lake	Cu-Zn-Au	Pr
70	1A-1	33 B/11	Everton Resources Inc.	Wildcat 8	Au	Gs(t), Pr
71	1A-1	33 B/12	Everton Resources Inc. / Azimut Exploration Inc.	Opinaca B	Cu-Zn-Au	D(12:2624), G, Gs, Gp(A), GpEl(G), Pr, S, T
72	1A-1	33 B, 33 C, 33 F, 33 G	Virginia Mines Inc.	Laaguiche-Gipouloux	Au	Gs(t), Pg
73	1A-1	33 B/12	Everton Resources Inc.	Wildcat 2	Cu-Zn-Au	Gs(t), Pr
74	1A-1	33 B/12	Everton Resources Inc.	Wildcat 3	Cu-Zn-Au	Gs(t), Pr
75	1A-1	33 B/12	Everton Resources Inc.	Wildcat 4	Cu-Zn-Au	Pr
76	1A-1	33 B/12	Everton Resources Inc.	Wildcat 5	Cu-Zn-Au	D, Gs(t), GpEl(G) GpMa(G), Pr, T
77	1A-1	33 B/12	Everton Resources Inc.	Wildcat 6	Cu-Zn-Au	Pr
78	1A-1	33 B/12	Everton Resources Inc.	Wildcat 7	Cu-Zn-Au	Pr
79	1A-1	33 B/12, 13	Sirios Resources Inc. / Dios Exploration Inc.	Opinaca North	Au-U	Pr, S
80	1A-1	33 B/12	Golden Valley Mines Ltd / Sirius Resources Inc.	Sharks	Au	D, Gp, Pr
81	1A-1	33 B/03, 04	Goldcorp Inc. / Azimut Exploration Inc.	Wabamisk	Au	D, G, Gp, Pr, S, T
82	1A-1	33 F/04	Vantex Resources Ltd	Mister F - Patuca bloc	Cu-Zn-Au-Ag	D, Pr, S
83	1A-1	33 F/04	Vantex Resources Ltd	Mister F-Pinaca bloc	Cu-Zn-Au-Ag-Pb	Pr, S
84	1A-1	33 F/02, 03, 06	Virginia Mines Inc. / Strateco Resources Inc.	Apple	U	GpEm(A), GpMa(A), GpRa(A)
85	1A-1	33 C/08	Uranium Bay Resources Inc.	Uskawanis Lake	U	D, G, GpEm(A), GpMa(A), GpRa(A,G), Gs(s), S

TABLE 1A - Exploration projects in the James Bay area in 2007 - Superior Province

N ^{os}	FIGURE	NTS	A. R.	COMPANIES/PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
86	1A-1	33F/04	10	Eastmain Resources Inc.	Radisson	Cu-Zn-Au	G, Cs(s), Pr
87	1A-1	33 F/04	10	Stellar Pacific Ventures Inc.	Threefold Lake	Au	Pg
88	1A-1	33 F/05, 12	10	Augyva Mining Resources Inc.	Duncan Lake	Fe	G
89	1A-1	33 F/06	10	Pro-Or Mining Resources Inc.	Menarik	Ni-Cu-Cr-PGE	D(42:8905), CpEm(B),
90	1A-1	33 F/06	10	Augyva Mining Resources Inc.	Yasinski	Cu-Au-Ni-Co-PGE	D(13:3338), GPCr, S, T
91	1A-1	33 F/08	10	Everton Resources Inc.	Sakami	Cu-Zn-Au	Pr
92	1A-1	33 F/09	10	Eloro Resources Ltd / Virginia Mines Inc.	Amelie Lake	Cu-Zn-Ag-Au-Co-PGE	D(5:800)
93	1A-1	33C, 33F, 33G, 32 P	10	Virginia Mines Inc.	James Bay	Cu-Zn-Au-Ag	Pg
94	1A-1	33 G/06, 07	10	Virginia Mines Inc.	Poste Lemoyne Extension	Au	D(24:4000), CpEl(G)
95	1A-1	33 G/08, 33 H/05	10	Virginia Mines Inc. / Goldcorp Inc.	Corvet East	Au	D(13:3000), G
96	1A-1	33 G/09, 10, 33 H/12	10	Virginia Mines Inc.	FCI	Au	D(9:1474), CpEl(G)
97	1A-1	33 G/15	10	Virginia Mines Inc. / MacDonald Mines Exploration Ltd	LG 3,5	Cu-Zn-Ag	D
98	1A-1	33 G/13, 33 J/04	10	Everton Resources Inc.	Pine Hill	Cu-Zn-Au	Pr
99	1A-1	33 I/01, 02	10	Golden Tag Resources Ltd / Sirios Resources Inc.	Aquilon Extension	Au	D
100	1A-1	23 L/11, 14	10	Virginia Mines Inc. / Breakwater Resources Ltd	Coulon IV	Cu-Zn-Au-Ag-Pb	D(125:50500), G, GpEm(A, B, G), GpMa(G), Cs, Pr, S
101	1A-1	23 E/04	10	Virginia Mines Inc.	Nichicun	Au	Gst(t), Pg
102	1A-1	33 C/16	10	Eastmain Resources Inc.	Dyna	Au	Pg
103	1A-1	33 C/05	10	Eastmain Resources Inc. / Barrick Gold Corporation	Elmer Lake	Au-Ag	G, Gs(sl), Pr
104	1A-1	33 C/03	10	Eastmain Resources Inc.	Lidge	Au	G, Gs(sl), Pr
105	1A-1	33 C/01, 02, 07, 08	10	Eastmain Resources Inc.	Reservoir	Cu-Au-Ag	G, S, T
106	1A-1	33 C/11	10	Eastmain Resources Inc.	Road King	Au-Cu-Zn	G, Gs(sl), Pr
107	1A-1	33 C/03	10	Eastmain Resources Inc.	Hudson Lake	Au-Cu-Zn	G, Gs(sl), Pr
108	1A-1	33 C/10	10	Typhon Exploration Inc.	Opinaca	Au	G, GpEm(A), GpMa(A), GpRa(A), Pr, Rsi, S
109	1A-1	33 C/01, 08	10	Eloro Resources Ltd	Eastmain-1	Au-Cu-Zn	GpEm(G), GpMa(G)
110	1A-1	33 C/01, 02, 07, 08	10	D'Arianne Resources Inc. / SOQUEM INC.	H Lake	Au-Cu-Zn	CpEl(G), CpEm(G), Gs(h), Pr
111	1A-1	33 G	10	D'Arianne Resources Inc.	Frank	Cu-U	Pr, S
112	1A-1	33 F	10	Goldcorp Inc.	Sakami	Au	Pg, S
113	1A-1	33 C/01	10	Vantex Resources Ltd	Mitumi	Au	Cp
114	1A-1	33 G/16	10	Sirios Resources Inc.	Tilly	Cu-Mo	G, GpEl(G), Pr, S
115	1A-1	33 I/02	10	Golden Tag Resources Ltd / Sirios Resources Inc.	Aquilon Main	Au	D(5:1000?), CpEl(G)
116	1A-2	23F/12	10	Western Troy Capital Resources Inc.	Holmstead	Mo	Gs(sl), Pr
117	1A-2	23 M	10	Virginia Mines Inc. / Breakwater Resources Ltd	Gayot Lake	Ni-Cu-PGE	GpMa(A)

TABLE 1A - Exploration projects in the James Bay area in 2007 - Superior Province

N ^{os}	FIGURE	NTS	A. R.	COMPANIES/PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
118	1A-1	33 C, 33 B, 33 G, 33 H, 33 F/05	10	Dianor Resources Inc.	Ekomiac Lake	Diamond	Gs(tr), Gs(sl)
119	1A-2	23 K/13	10	Virginia Mines Inc.	Pau Lake	Cu-Au	Pg
120	1A-2	34 J/02, 03	10	Azimut Exploration Inc. / Majescor Resources Inc.	West Minto	U	GpMa(A), GpRa(A), Pr
121	1A-2	34 H	10	Azimut Exploration Inc. / Rukwa Uranium Ltd	North Minto	U	D, Gp(A), Gs(l), Pr
122	1A-2	34 A, 34 H	10	Azimut Exploration Inc. / Rukwa Uranium Ltd	South Minto	U	D, Gp(A), Gs(l), Pr, S
123	1A-2	34 B, 34 G	10	Azimut Exploration Inc. / Central Uranium Corp.	Central Minto	U	D, Gp(A), Gs(l), Pr, S
124	1A-2	24 I/06, 07	10	Azimut Exploration Inc. / Northwestern Mineral Ventures inc.	Daniel Lake	U	Gp(A), Gs(l), Pr
125	1A-2	33 P	10	Azimut Exploration Inc. / Central Uranium Corp.	South Brienville	U	D, Gp(A), Gs(l), Pr
126	1A-2	33 O	10	Azimut Resources Inc. / Channel Resources Ltd	West Brienville	U	GpEm(A), GpMa(A), GpRa(A)
127	1A-2	33 K/09	10	Bonaventure Enterprises Inc.	K9	U	C, GpRa(A,G), S
128	1A-2	23 O/01, 08	10	E.D. Black / A.J. Miller	Retty Lake	Cu-Ni-PGE	G
129	1A-2	24 A, 24 G, 24 H	10	B. Murray / Nebu Resources Inc.	George River	U	GpMa(A), GpRa(A,G)
130	1A-2	23 M/15, 16, 24 D/01, 02	10	Fission Energy Corporation	Dieter Lake	U	GpMa(A), GpRa(A), Pr
131	1A-2	34 C	10	Azimut Exploration Inc. / Silver Spruce Resources Inc.	Hudson Bay	U	Gp(A), Gs(l), Pr

1. See the legend of abbreviations and the significance of italic and bold types in appendix II.

A. R. = Administrative region

1A

1B - Southern Superior Province (Abitibi and Pontiac Subprovinces) and Westernmost Grenville Province (Administrative Region 08 and 10)

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The Abitibi and Pontiac subprovinces form the southern part of the Superior Province in Québec. The Abitibi Subprovince is the largest, one of the most studied, and among the richest Archean greenstone belts in the world. It comprises numerous granitoid intrusions and volcanic and sedimentary belts broadly trending E-W (Figure 1B-1), ranging in age from 2.75 to 2.67 Ga. The Abitibi belt is transected by several major, generally reverse faults trending E-W or NW-SE, as well as sinistral NE-trending and dextral SE-trending faults.

The Pontiac Subprovince is separated from the Abitibi Subprovince by the Cadillac Tectonic Zone, a structure that hosts many gold deposits. The Pontiac Subprovince comprises granitoid intrusions and orthogneisses in its central part, along with detrital sedimentary rocks and paragneisses with a few volcanic sequences. The latter form ultramafic, mafic, and felsic assemblages in the southwestern part of the Pontiac Subprovince. A few thin bands of mafic to ultramafic volcanic rocks are also present along its northern edge.

The Abitibi Subprovince is world-renowned for the great number and high grade of its precious metal (Au-Ag) and polymetallic (Cu-Zn-Au-Ag and Cu-Au) ore deposits. A few metallic deposits, architectural stone quarries, and industrial mineral deposits (lime, quartz, kyanite, mica, garnet) were also mined in the Pontiac Subprovince. Mining and exploration have made this territory one of the most important mining regions in Québec for close to a century.

Table 1B lists all exploration and mining development projects in the Abitibi and Pontiac subprovinces and in the westernmost Grenville Province. Figures 1B-1 to 1B-3 show project locations.

Southwest Abitibi Subprovince, Abitibi-Témiscamingue Region

In 2007, three mines were in operation in the western part of the Abitibi Subprovince: the Mouska and Doyon gold mines and the LaRonde polymetallic mine. West of Rouyn-Noranda, **Rocmec Mining Corporation Inc.** continued drifting and

underground exploration drilling on the Rocmec I gold project (Project 22) (formerly Russian-Kid). The property contains at least six gold-bearing quartz vein systems (Front, West, McDowell, Talus, Shaft, Boucher, and Boucher 2) hosted in a gabbro intruding a granodiorite. The veins are characterized by silica, chlorite, sericite, epidote, and carbonate alteration and 2 to 10% pyrite. The Boucher Gold Zone assayed 214 g/t Au over 2.4 m in drillhole RS-02-07. **Yorbeau Resources Inc.** continued drilling on the Augmitto block of its Rouyn property (Project 11). Drillhole 07-S-425 intersected 3 m grading 20.78 g/t Au. Gold occurs in quartz-carbonate-tourmaline veinlets in carbonatized ultramafic rocks. Visible gold, along with disseminated pyrite and arsenopyrite, are locally observed in the mineralized zone. Preparations are underway to dewater the ramp at this deposit and the company plans to extract a 100,000-tonne bulk sample. In the same area, **Alexis Minerals Corporation** and **Thundermin Resources Inc.** completed a 50-hole drilling program on the Lac Pelletier project (Project 53). Best results include 7.58 g/t Au over 22.4 m in drillhole 17475-31, where the B Shear and Zone 4.1 intersect. Gold occurs in a shear zone strongly altered to chlorite and carbonate, with pyrite and 10 to 40% quartz-carbonate-tourmaline veining. Ramp dewatering and underground exploration drilling are planned for 2008.

Production of copper-rich ore began in October on the Fabie Bay project (Project 40), held by **First Metals Inc.** Located 35 km northwest of Rouyn-Noranda, the orebody contains an inferred resource estimated at 672,000 tonnes at an average grade of 2.74% Cu. The targeted throughput for the mine is 1,500 tpd. **Normabec Mining Resources Ltd, SOQUEM INC.** and **GéoNova Explorations Inc.** reported interesting gold results from a drilling program on the Pitt Gold property (Project 58), located 35 km north of Rouyn-Noranda. Gold is associated with quartz stockworks containing 2-10% disseminated pyrite and trace chalcopyrite. Lithologies on both sides of the Destor-Porcupine Fault are gold-bearing, although intermediate volcanic rocks and quartz-feldspar porphyry dykes appear to be more favourable in terms of continuity. Drillhole PG2007-01 intersected three gold-bearing intervals, grading 11.52 g/t Au over 1.0 m, 12.35 g/t Au over 1.0 m, and 16.08 g/t Au over 1.0 m. On the RM Nickel property (Project 9), located 20 km west of Rouyn-Noranda, **Radisson Mining Resources Inc.** reported several high-grade copper and nickel intersections, such as 3.33 m (true thickness) averaging 4.89% Cu and 4.31% Ni in drillhole RM07-01. The RM Nickel deposit occurs at the base of the Horseshoe Gabbro, near the contact with andesites. It consists of massive to semi-massive sulphide lenses reaching up to 6 metres in thickness.

About 20 km east of Rouyn-Noranda, on its Joanna property (Project 43), **Aurizon Mines Ltd** intersected 32 m grading 2.2 g/t Au in drillhole JA-01. A new resource estimate was released, showing an indicated resource of 11.3 Mt at 1.7 g/t Au and an inferred resource of 28.57 Mt at 1.6 g/t Au. Partners **Globex Mining Enterprises Inc.** and **Queenston**

Mining Inc. continued drill-testing the Ironwood Gold Zone on the Wood-Pandora property (Project 17). Gold is hosted in an iron formation. Drillhole W07-48 intersected 2.13 m grading 7.63 g/t Au. During the first quarter of 2007, **IAMGOLD Québec Management Inc.** announced the discovery of a mineralized zone, Zone 2 Extension, on the Westwood-Mooshla project, located about 1.2 km east of the Doyon mine shaft (Project 16). Development of the exploration drift from level 14 at the Doyon mine toward the Westwood zone, which began in 2004, should be completed by the end of 2007. A pre-feasibility study is underway and results are expected in the second half of 2008. According to the company, shaft sinking should begin in 2009 and the start of commercial production is planned for 2012. An inferred resource on the order of 14.1 Mt at a grade of 7.3 g/t Au has been defined for the Westwood deposit. **Agnico-Eagle Mines Ltd** continued development work at the LaRonde II mine (Project 20). Zone 20 North was intersected at nearly 3,000 metres depth and remains open at depth. Sinking of the internal shaft should begin during the last quarter of 2007 and the start-up of production is slated for 2011. The annual production rate should be on the order of 320,000 ounces of gold. Proven and probable reserves stand at 35.6 million tonnes of ore at an average grade of 4.5 g/t Au. **Agnico-Eagle Mines Ltd** also announced that shaft sinking on the Lapa property (Project 18), located east of Cadillac, which began in March 2005, had reached its final depth of 1,370 m during the year. Lateral underground development was underway at the end of 2007, as well as the construction of surface facilities. The Contact Zone lies along the interface between sheared and altered mafic and ultramafic lavas of the Piché Group and sedimentary rocks of the Cadillac Group, within the Cadillac Tectonic Zone. Infill drilling yielded impressive results, namely a 3.5-m interval (true thickness) grading 15.03 g/t Au in drillhole LA07-89-7. Early in 2007, **Typhoon Exploration Inc.** released a resource estimate for the Fayolle property (Project 1), located 35 km northeast of Rouyn-Noranda. Using a lower cut-off of 3.0 g/t Au, resources are estimated at 106,900 t grading 6.4 g/t Au in the indicated category, and 218,800 t at 6.3 g/t Au in the inferred category. The company completed a drill program at the end of 2007. Drillhole FA-07-20 intersected 4.0 m grading 3.39 g/t Au.

Southeast Abitibi Subprovince, Abitibi-Témiscamingue Region

In 2007, in the Southeast portion of the Abitibi Subprovince, the Beaufor, Sigma, Kiena, and East Amphi mines produced gold and silver. In Malartic, on the Canadian Malartic property (Project 103), **Osisko Exploration Ltd** continued its definition drilling program within the scope of a feasibility study for an open pit mining operation. An inferred resource of 286 Mt at 0.92 g/t Au was defined in metasedimentary rocks and granodiorite with disseminated pyrite. Best results include a 262.4-m interval grading 1.37 g/t Au in drillhole CM06-947. The East

Amphi mine (Project 105) operated by **Richmont Mines Inc.** ceased operations at the end of June due to depletion of reserves. Northeast of Malartic, **Niogold Mining Corporation** calculated, for the Norlartic and Kierens deposits (Project 98), an indicated resource of 845,000 t at 2.66 g/t Au and an inferred resource of 3.09 Mt at 2.72 g/t Au. Near the Marban deposit (Project 98), **Niogold** intersected in drillholes several gold-bearing intervals, including 6.5 g/t Au over 3.0 m in drillhole MB-07-013.

About 16 km east of Malartic, on the Midway project (Project 99), **Northern Star Mining Corporation** completed a major drilling program along the Cadillac Tectonic Zone. Gold mineralization was encountered in the Chabela, South Porphyry, Piché-Harvey, and Dubuisson Goldfields zones, where drillhole MC-07-74 intersected disseminated pyrite and tourmaline veinlets in a porphyry intrusion, grading 2.46 g/t Au over 14.3 m.

About 8 km northwest of Val-d'Or, on the Vassan property (Project 138), **Stellar Pacific Ventures Inc.** drill-tested the Hamelin Zone and two new veins (H-1, H-2), all three consisting of pyrrhotite-pyrite-chalcopyrite-rich gold-bearing zones. Best results from vein H-1 were obtained in drillhole V2007-02, with 2.2 m grading 10.52 g/t Au and 0.47% Cu. An indicated resource of 385,054 t at a grade of 5.01 g/t Au was defined. At the Kiena mine complex (projects 93 and 97), located 9 km west of Val-d'Or, **Wesdome Gold Mines Inc.** continued development and exploration work along extensions of known zones: Martin, Shawkey 22, VC, North, and S-50, where drillhole U-4317 intersected 3.92 g/t Au over a true thickness of 6.6 m. Gold mineralization is generally associated with a quartz-albite-pyrite stockwork hosted in albitized basalts.

In the west end of Val-d'Or, **Agnico-Eagle Mines Ltd** advanced construction of surface installations, sinking of the production shaft, and underground development on the Goldex mining project (Project 92), where reserves are estimated at 22.9 Mt at 2.3 g/t Au. The start-up of production is slated for 2008, at an annual rate of 170,000 ounces of gold. During a drilling program testing the eastern and depth extensions of the deposit, drillhole 73-366 intersected a zone grading 2.9 g/t Au over 80.0 m true thickness. The Goldex Extension ore deposit consists of a stockwork of quartz-tourmaline-pyrite veins in albite-pyrite-altered wall rocks, hosted in a quartz diorite sill.

At the Sigma-Lamaque mining complex (Project 74) held by **Century Mining Corporation**, operations in the Sigma open pit ceased on November 5, 2007. Mining operations began in April at a rate of 100 tpd in underground stopes at the former Lamaque mine, closed in 1984. In November, the production rate stood at 350-400 tpd at an average grade of 5.5 g/t Au. A program involving mapping, compilation, and 3,000 m of definition drilling is currently underway. At Lamaque, gold occurs in shallowly dipping quartz veins ranging from 5 to 90 cm in thickness.

1B

On the Aurbel property (Project 72), located 10 km east of Val-d'Or, **Alexis Minerals Corporation** extracted a 50,000 t bulk sample during an underground exploration program on the Lac Herbin project, where resources total 1.07 Mt at 7.26 g/t Au. Gold zones consisting of quartz-pyrite veins are hosted in shear zones cross-cutting the Bourlamaque Batholith. Commercial production is slated to begin in 2008. Drillholes intersected the extensions of known zones and newly discovered zone, including the HW2 zone, which yielded several high-grade intervals such as 12.72 g/t Au over 2.8 m in drillhole LH03-026.

At the Beaufor mine (Project 130), located 19 km east of Val-d'Or, **Richmont Mines Inc.** completed a major exploration drilling program totalling 25,000 m. Underground exploration identified five zones below level 20 at the mine, with interesting gold grades such as 10.83 g/t Au over 1.6 m in drillhole 140-40 in the Q zone. The surface drilling program identified new gold-bearing veins between the surface and level 12 at the mine. Zone 140 yielded a grade of 7.88 g/t over 2.0 m in drillhole 140-48. Ore zones consist of gold-bearing quartz-pyrite veins cross-cutting the Bourlamaque Batholith.

Alexandria Minerals Corporation continued exploration work on its properties straddling the Cadillac Tectonic Zone. On the Orenada project (Project 75), drillholes intersected wide low-grade intervals such as 79 m true thickness at 0.94 g/t Au in drillhole AAX-07-11, as well as higher-grade intervals, at 11.4 g/t Au over 4.68 m in drillhole AX-07-16. Gold typically occurs in sheared and sericitized sedimentary rocks with pyrite-arsenopyrite-pyrrhotite mineralization and quartz-ankerite veining. Further east on the Bloc Sud-Ouest property (Project 114), drillholes by **Alexandria Minerals Corporation** intersected quartz-carbonate, tourmaline and sulphide alteration zones with generally low gold grades. Best results include 1.97 g/t Au over 2.4 m in drillhole BS-07-37.

About 42 km east of Val-d'Or on the Nordeau property (Project 139), **Plato Gold Corporation** and **Globex Mining Enterprises Inc.** completed a drilling program on the Nordeau East, Nordeau West and Bateman zones. Gold occurs in shear zones with disseminated pyrite and quartz veins. Best results include a 3-m interval grading 8.27 g/t Au in drillhole PG06-11, in the Nordeau East zone. On the Croinor property (Project 33), located 70 km east of Val-d'Or, **First Gold Exploration Inc.** and **X-Ore Resources Inc. (formerly South Malartic Exploration Inc.)** conducted a drilling program, in which drillhole CR-07-384 intersected Zone 4 of the Croinor sill and yielded assay results of 5.19 g/t Au over 10.9 m. The mineralized zone consists of quartz veins and their altered pyrite-rich wall rocks, hosted in a diorite sill. Measured and indicated resources are estimated at 1.43 Mt at a grade of 6.31 g/t Au using a cut-off grade of 2.0 g/t Au.

On the Dumont Nickel property (Project 113), located 20 km west of Amos, **Royal Nickel Corporation** is conducting a major drilling program to delineate resources on this high-

tonnage low-grade nickel deposit. North of Barraute, **Abcourt Mines Inc.** completed a feasibility study on the Abcourt-Barvue Zn-Ag deposit (Project 68). Open pit mineable reserves were established at 5.3 Mt at 44.79 g/t Ag and 3.15% Zn. South of Barraute, on the McKenzie Break project (Project 102), **Britannica Resources Corporation** completed a definition drilling program and reported, for drillhole MK-07-119, a 3.1-m interval grading 8.02 g/t Au in Zone 4.

On the Courville property (Project 86), located 15 km west of Senneterre, **Pershimco Resources Inc.** completed a drilling program on part of the Thibodeau Intrusive, composed of leucotonalite altered to sericite with disseminated pyrite, cut by subhorizontal quartz-sulphide veins and stockworks. Best results include 55.8 m at a grade of 1.09 g/t Au in drillhole PRO-07-30. In the same area, on the Jolin property (Project 83), **Abitex Resources Inc.** drill-tested the depth extension of the Main Zone and intersected 2.8 m grading 5.28 g/t Au in drillhole J-07-10.

Témiscamingue Region, Pontiac Subprovince

In the Témiscamingue region, Pontiac Subprovince, **Fieldex Exploration Inc.** intersected 30.09 m grading 1.00% Ni and 0.53% Cu in drillhole LF-07-07, on the Laforce project (Project 29). The mineralized zone, comprising sulphide stringers and irregular blebs, is hosted in a chloritized and brecciated pyroxenite. **Fieldex Exploration Inc.** reported a 7.00-m interval in drillhole MR-07-06 grading 1.36% Ni, 1.31% Cu, 0.27 g/t Pt, and 0.92 g/t Pd on the Midrim property (Project 4), also located in the Témiscamingue region. The company is preparing a resource estimate on the project. About 2 km west of the former Belleterre mine, **Conway Resources Inc.** reported significant drill results on the Paquin vein on the Conway Paquin property (Project 59), including 31.88 g/t Au over 0.48 m in drillhole PA-07-45. The Paquin vein varies in width from 0.3 to more than 1.5 m and is characterized by bluish white quartz with 2-5% sulphide pods and veinlets. **Vantex Resources Ltd** reported drill results of 4.39 g/t Au over 2.4 m in drillhole LE06-190 in Zone 190, a new zone located about 400 m north of the Lake Expanse Zone on the Guillet property, located east of Belleterre (Project 36). North of Lac Simard, on the Tansim property (Project 23), **Matamec Explorations Inc.** obtained a grade of more than 150,000 ppm U from a grab sample collected in a uraninite zone associated with pegmatites. Partners **SearchGold Resources Inc.** and **Niogold Mining Corporation** completed a drilling program on the Blondeau-Guillet property (Project 14). Drillhole BE-06-09, testing Vein #1, encountered 0.70 m at a grade of 4.64 g/t Au and 11.90 g/t Ag.

In terms of diamond exploration in the Témiscamingue region, **Superior Diamonds Inc.** continued exploration work on the Ville Marie project (Project 3). Two kimberlite bodies

1B

were discovered in drillholes during the year, the Morin and Lac Honorat pipes. Based on drill results, the surface expression of the two pipes was defined at approximately 200 m by 200 m for the Morin pipe, and 100 m by 140 m for the Lac Honorat pipe. A yellow microdiamond was recovered by caustic fusion analysis of 6.92 kg of material from the Morin pipe. The company also identified at least twelve other targets based on the results of till geochemistry surveys and reverse circulation drilling.

Further south in the Grenville Province, **Aurizon Mines Ltd** reported results for gold, uranium, and rare earth elements (REE) on the Kipawa property (Project 57), located about 100 km south of Rouyn-Noranda. In February 2007, the company announced grades of 100 g/t and 8.6 g/t Au, obtained from two samples of heavy mineral concentrates collected during a till survey. Two main zones, referred to as Snake and Eagle, were identified on the property. In the Snake area, sample 63884 yielded grades of 0.20% U₃O₈, 0.67% Y, 0.09% light REE and 0.30% heavy REE.

Northern Abitibi Subprovince, Nord-du-Québec Region

(Figure 1B-1)

In the northern half of the Abitibi Subprovince, included within the Nord-du-Québec administrative region (Region 10), six mines were in operation: Casa Berardi (Au-Ag), Sleeping Giant (Au-Ag), Langlois (Zn-Cu-Ag-Au), Joe Mann (Au-Cu-Ag), Copper Rand (Cu-Au-Ag), and Merrill (Cu-Au-Ag).

Casa Berardi – Matagami Area

Several extensive exploration programs were conducted in the area west of Matagami in 2007. At the Casa Berardi mine (projects 153 and 154), located north of Villebois, **Aurizon Mines Ltd** continued underground development as well as definition and exploration drilling in two high-grade zones (122-Deep and 123-S) discovered in 2006 in the West Mine area. One drillhole in Zone 123-S yielded a grade of 32.7 g/t Au over 13.8 m. On the Estrades property (projects 167 and 168), **Cogitore Resources Inc.** reported assay results of 3.12% Cu and 20.89 g/t Au over 4.40 m in drillhole EME-07, along the depth extension of the East Zone. The company commenced a feasibility study on the Estrades property, where a new resource estimate for the Main Zone was released, identifying 561,000 tonnes at an average grade of 0.72% Cu, 10.25% Zn, 0.94% Pb, 5.22 g/t Au, and 174.1 g/t Ag.

On the Fenelon project (Project 170), located 70 km west-northwest of Matagami, **American Bonanza Gold**

Corporation intersected gold-bearing veins in the Discovery Zone (6.15 g/t Au over 3.0 m in drillhole FA-06-27). The company also drill-tested two mineralized komatiitic basalt horizons hosting thin high-grade zones within a lower-grade halo. For example, drillhole FA07-306 yielded a grade of 1.9% Ni over 0.3 m, within a wider interval of 12.0 m grading 0.16% Ni. About 30 km further west, on the La Martinière project (Project 193), **American Bonanza Gold Corporation** intersected in drillholes a stockwork system of silicification and quartz-albite-carbonate-pyrite veining, locally grading up to 5.1 g/t Au over 4.8 m in drillhole MD-07-12.

On the Montgolfier property (Project 211) held by **J-Pacific Gold Inc.**, drillholes intersected a gold-bearing zone comprising quartz-carbonate-pyrite veins hosted in sedimentary rocks and banded iron formation. Best results include 6.44 g/t Au over 3.2 m in drillhole JPN07-21.

S.E.M. Vior Inc. completed a drilling program on its Douay property (Project 166), located 60 km south of Matagami. Using a lower cut-off of 0.7 g/t Au, indicated and measured resources are now estimated at 2.9 Mt grading 2.88 g/t Au, with 44.9 Mt grading 1.31 g/t Au in the inferred resource category, for the Douay West, 531, Main, Central, 92-7, and Adams Porphyry gold zones. In the Douay West zone, drillhole D-133 intersected 4.1 g/t Au over 5.0 m.

In Matagami, **Xstrata Zinc Canada Corp.** (formerly **Falconbridge Ltd**) is continuing construction of surface installations and ramp excavation at the Perseverance mine (Project 161). Commercial production is slated to begin in November 2008, at an annual rate of 228,000 tonnes of zinc concentrate, for a projected mine life of five years. The ore deposit, composed of three massive sulphide lenses (Equinox, Perseverance, and Perseverance West), contains a mineral resource of 5 Mt at an average grade of 16.8% Zn, 1.3% Cu, 34 g/t Ag, and 0.4 g/t Au. **Donner Metals Ltd** and **Xstrata Zinc Canada Corp.** launched an extensive exploration and drilling program in the Matagami mining camp (Project 171), which has already resulted in the discovery of Zn-Cu-Ag-Au-rich volcanogenic massive sulphide lenses, along the Key Tuffite and adjacent areas at Bracemac (12.47% Zn, 2.02% Cu, 94.85 g/t Ag, and 0.5 g/t Au over 21.4 m in drillhole BRC-07-47) and McLeod (8.91% Zn, 1.88% Cu, 56.4 g/t Ag, and 1.35 g/t Au over 11.42 m in drillhole MC-05-18W4).

About 35 km southeast of Matagami, on the Plateau PGE project (Project 225), **Hinterland Metals Inc.** completed a drilling program to test a mineralized zone in pyroxenitic gabbro. The company reported a 30.9-m interval grading 0.23 g/t Pt+Pd in drillhole EB07-07.

Lebel-sur-Quévillon – Desmaraisville Area

At the Langlois (Zn-Ag-Cu) mine (projects 178 and 179), located east of Lebel-sur-Quévillon, **Breakwater Resources Ltd** commenced commercial production on July 1st as well as construction of a ramp to access the upper part of Zone 4. A new resource estimate was calculated. Located 70 kilometres west of Lebel-sur-Quévillon, the Sleeping Giant mine (Project 157), property of **IAMGOLD Québec Management Inc.** (formerly **Cambior Inc.**), was sold to **Cadiscor Resources Inc.** who is planning an important exploration drilling program in 2008 from the last level at the mine (975 m). Production is expected to end in late 2008. About 45 km northwest of Lebel-sur-Quévillon, on the Discovery project (Project 149), **Cadiscor Resources Inc.** conducted a drilling program on the Discovery gold deposit and increased measured and indicated resources to 1.16 Mt at 5.53 g/t Au, in addition to reporting new results in the 1200E Sector, including a grade of 7.71 g/t Au over 2.0 m in drillhole BD-07-157. The company announced the start of a scoping study on the Main Area, to be followed by an underground exploration and bulk sampling program. On the Comtois property (Project 159), located 15 km northwest of Lebel-sur-Quévillon, **Maudore Minerals Ltd** drill-tested the extensions of known zones to depths of 800-900 m. Drillhole COM-07-141B intersected the inferred extension of the Osborne South zone, with a grade of 6.8 g/t Au over 6.5 m in altered felsic volcanic rocks with disseminated sulphides. A few drillholes intersected Zn-Au mineralization in felsic volcanic rocks, for example in drillhole COM-07-138, which encountered 5.1 m grading 2.3% Zn and 0.7 g/t Au.

On the Windfall Lake property (Project 235), located in the central part of the Urban-Barry belt, about 120 km east of Lebel-sur-Quévillon, **Noront Resources Ltd** intersected in drillholes a stockwork of gold-bearing PY-QZ veins in altered felsic volcanic rocks. Several high-grade gold intercepts were reported, such as 19.37 g/t Au over 4.0 m in drillhole NOT-07-157. The company is planning to drive an exploration ramp in 2008. Further west, **Metanor Resources Inc.** is currently extracting a bulk sample of 40,000 tonnes from the

Barry gold deposit (Project 70), where an indicated resource of 385,000 t at 4.23 g/t Au and an inferred resource of 966,000 t at 4.07 g/t Au were defined near surface. The mineralization is characterized by quartz-carbonate-albite veining associated with shear zones.

Near Desmaraisville, **Superior Diamonds Inc.** discovered several kimberlite floats along the southeast shore of Lac Wachigabau on the L'Espérance project (Project 201). At the former Bachelor Lake gold mine (Project 196), **Metanor Resources Inc.** proceeded with rehabilitation of the mill in order to process ore from the Barry gold project (Project 70).

Chapais – Chibougamau Area


South of Chibougamau, **Campbell Resources Inc.** constructed a decline to access ore zones at the Corner Bay deposit (Project 198) and is planning to extract a bulk sample of 42,000 tonnes at an average grade of 3.7% Cu. The Joe Mann mine (Au-Cu-Ag) ceased operations in September due to depletion of reserves. The mine (Project 190) was sold to **Gold Bullion Development Corp.**, who launched a drilling program to test the depth extensions of known mineralized structures. Drillhole EE-188, drilled from the last level at the mine at 1,150 metres depth, encountered grades of 43.4 g/t Au, 1.96% Cu, and 15.8 g/t Ag over 2.1 m in the Main Zone, and 23.3 g/t Au, 0.30% Cu, and 13.3 g/t Ag over 0.3 m in the South Zone.

Near Chibougamau, **Campbell Resources Inc.** commenced production at the Merrill open pit mine (Project 219) in October, where a historical measured resource estimate of 1.1 Mt at 0.92% Cu is reported.

West of Chibougamau, on the Scott Lake property (Project 233), **Cogitore Resources Inc.** completed an important drilling program, resulting in the expansion of the three known Zn-Cu zones as well as the new lens discovered in 2006. Drillhole SC-15 intersected a stringer zone under the Central Lens, with grades of 1.1% Cu, 2.24% Zn, 0.2 g/t Au, and 35.7 g/t Ag over 24.8 m. Drillhole SC-18 intersected the overlying massive sulphide zone grading 8.2% Zn, 0.56% Cu, and 22.5 g/t Ag over 3.9 m.


1B

Geological Legend

 Pleistocene or Paleozoic

ARCHEAN


Sedimentary Rocks

 Conglomerates, wackes, alkaline volcanic rocks

 Wackes, schists, paragneisses

Volcanic Rocks


 Dacites, rhyolites


 Basalts, andesites


 Komatiites, basalts

Intrusive Rocks

 Synvolcanic
Tonalites, trondhjemites, granodiorites

 Syntectonic
Granites, granodiorites, syenites, tonalite, monzonite, monzodiorite

 Gneisses, foliated tonalites, migmatites

 Anorthosites, pyroxenites, gabbros, peridotites

 Gabbros and diorites

Metamorphic Rocks

 Tonalitic gneisses, granulites

 Quartzofeldspathic gneisses


 Amphibolites

PROTEROZOIC

 Dolomites, mudrocks, wackes, conglomerates

Sedimentary Rocks


 Quartzites, marbles, schists, paragneisses

 Paragneisses and amphibolites

Volcanic Rocks

 Amphibolites (derived from volcanic rocks)


Intrusive Rocks

 Gabbros, anorthosites

 Granites, pegmatites, syenites, monzonites

Metamorphic Rocks

 Quartzofeldspathic gneisses, amphibolites

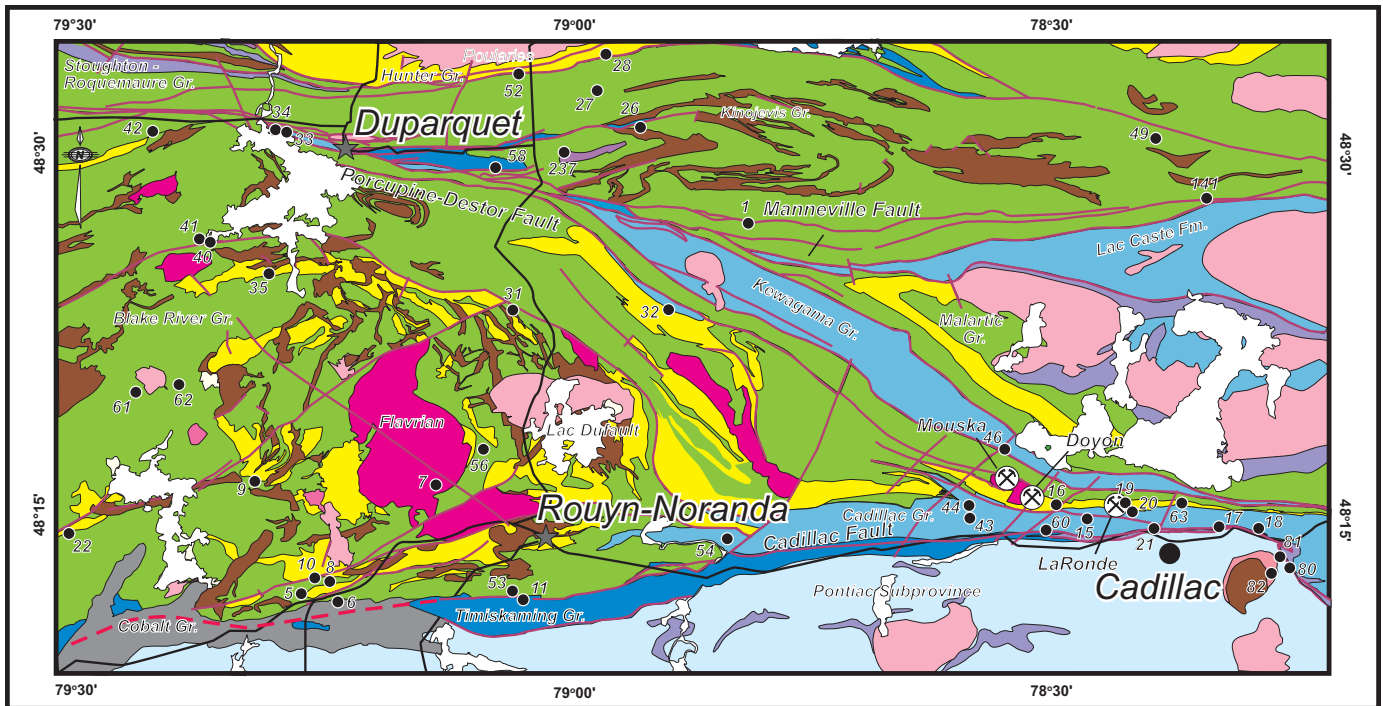
 Limit of administrative region 08

 Regional fault

 Roads

Figure 1B-1. Geological legend of the Abitibi and Pontiac subprovinces map.

1B



Geological legend

PROTEROZOIC

Sedimentary rocks

- Sandstones, conglomerates, arenites, stromatolite

ARCHEAN

Plutonic rocks

- Syn- to post-tectonic tonalite, granite and gabbro
- Synvolcanic tonalite, granite and gabbro
- Gabbro and diorite

Sedimentary rocks

- Cadillac type
- Pontiac type
- Timiskaming type

Volcanic rocks

- Rhyolites
- Basalts
- Komatiites to basalts

- X Mines
- Projects
- Faults

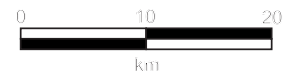
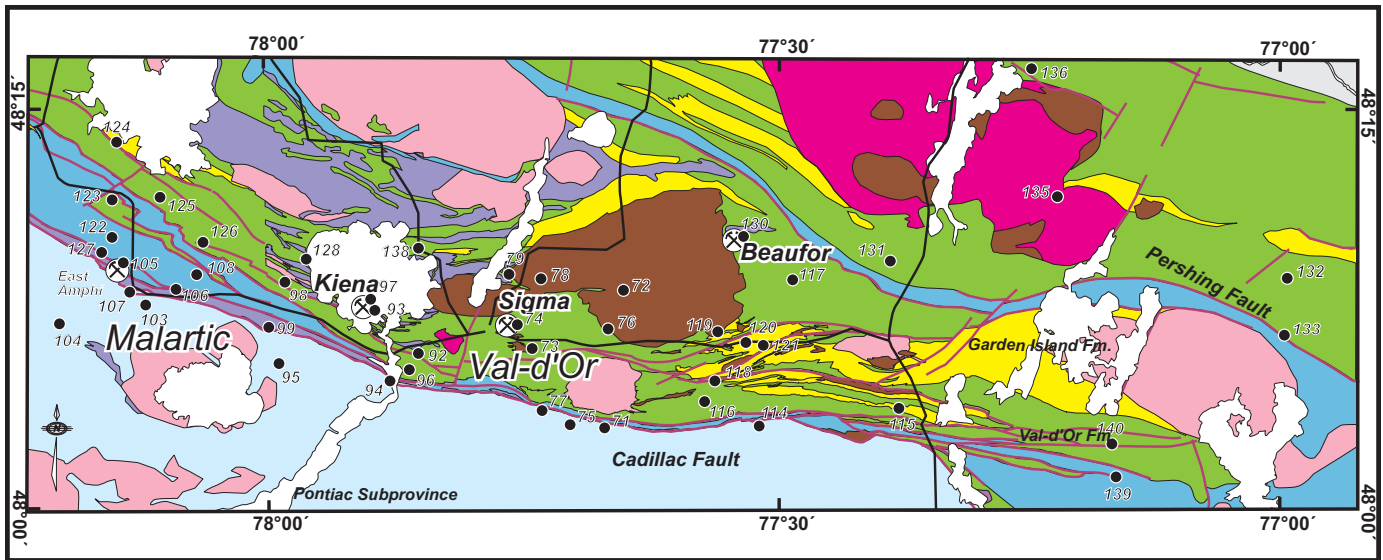


Figure 1B-2. Exploration projects and mines in the Rouyn-Noranda-Cadillac area for 2007. Modified from Avramtchev and Lebel-Drolet (1981) and Couture (1991).

1B



Geological legend

ARCHEAN

Plutonic rocks

■ Syn- to post-tectonic tonalite, granite and gabbro

■ Synvolcanic tonalite, granite and gabbro

■ Gabbro and diorite

Metamorphic rocks

■ Gneisses (derived from plutonic rocks)

Sedimentary rocks

■ Cadillac type

■ Pontiac type

Volcanic rocks

■ Rhyolites

■ Basalts

■ Komatiites to basalts

⊗ Mines

● Projects

— Faults

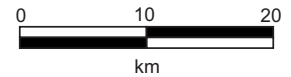


Figure 1B-3. Exploration projects and active mines in the Malartic–Val-d’Or area for 2007. Modified from Avramtchev and Lebel-Drolet (1981) and Couture (1991).

TABLE 1B - Exploration projects in the Abitibi and Pontiac subprovinces in 2007

N ^{os}	TOWNSHIPS	FIGURE	NTS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
1	Aiguebelle, Clérycy, Destor	1B-2	32 D/07	8	Typhon Exploration Inc.	Fayolle	Au	D(x:x)
2	Baby	1B-1	31 M/06	8	Globex Mining Entreprises Inc.	Laverlochère	Au	D(1:160), GpMa
3	Baby, Brodeur, Caboury, Laverlochère, Latulipe, Blondeau, Duhamel, Cuigues	1B-1	31 M/06-11	8	Superior Diamonds Inc.	Ville Marie	Diamonds	D(57:x), Scd(38:x), GpGr(G), GpMa(G), Cs(t)
4	Baby, Devlin	1B-2	31 M	8	Fieldex Exploration Inc.	Midrim	Ni-Cu-PCE	D(18:x)
5	Beauchastel	1B-2	32 D/03	8	Richmont Mines Inc.	Francoeur	Au	D(3:735)
6	Beauchastel	1B-2	32 D/03	8	Richmont Mines Inc.	Wasamac	Au	D(2:447)
7	Beauchastel	1B-2	32 D/03	8	About Mines Inc.	Elder	Au	D(3:615)
8	Beauchastel	1B-2	32 D/03	8	About Mines Inc.	Aldermac	Cu-Zn-Au-Ag	S
9	Beauchastel	1B-2	32 D/03	8	Radisson Mining Resources Inc.	RM Nickel	Ni-Cu	D(16:519)
10	Beauchastel	1B-2	32 D/03	8	Cadillac Mining Corp. / Richmont Mines Inc.	Norcoeur Option	Au	D(3:1997)
11	Beauchastel, Rouyn	1B-2	32 D/03	8	Yorbeau Resources Inc.	Rouyn	Au	D(x:x)
12	Blondeau	1B-1	31 M/07	8	Ressources Covedex inc.	Lac Pleau	Diamonds-Cu-Zn-Ni-Cr-Co-Fe-Ti-U-REE	Pr, G, S, GpEm, GpRa
13	Blondeau, Guillet, Bellefeuille, La Noue	1B-1	31 M/07	8	Ressources Covedex inc.	Lac Diamant	Diamonds-Cu-Zn-Ni-Cr-Co-Fe-Ti-U-REE	Pr, G, S, GpEm, GpRa
14	Blondeau, Guillet	1B-1	31 M/07	8	Niogold Mining Corporation / SearchGold Resources Inc.	Blondeau-Guillet	Au-Cu-Zn-Ag	D(24:x)
15	Bousquet	1B-2	32 D/02	8	Globex Mining Entreprises Inc.	Bousquet Iron Formation	Au	Gp(A)
16	Bousquet	1B-2	32 D/02	8	IamGold Corporation	Westwood-Mooshla	Au	D(x:x)
17	Cadillac	1B-2	32 D/01	8	Queenston Mining Inc. / Globex Mining Entreprises Inc.	Wood-Pandora	Au	D(14:5900)
18	Cadillac	1B-2	32 D/01	8	Agnico-Eagle Mines Ltd	Lapa	Au	D(x:x)
19	<i>Cadillac</i>	<i>1B-2</i>	<i>32 D/08</i>	<i>8</i>	<i>Agnico-Eagle Mines Ltd</i>	<i>Mine LaRonde</i>	<i>Cu-Zn-Au-Ag</i>	<i>D(195:35319), GpEm(B)</i>
20	Cadillac	1B-2	32 D/08	8	Agnico-Eagle Mines Ltd	Mine LaRonde II	Cu-Zn-Au-Ag	ET
21	Cadillac	1B-2	32 D/01	8	Radisson Mining Resources Inc.	O'Brien Kewagama	Au	D(x:x)
22	Dasserat	1B-2	32 D/06	8	Corporation minière Rocmec inc. / Globex Mining Entreprises Inc.	Rocmec I (Russian Kid)	Au-Ag	D(x:3500), B
23	Delbreuil	1B-1	31 M/10	8	Matamec Explorations inc.	Tansim	U-métaux rares	Pr, S, GpRa(G)
24	Des Meloizes	1B-2	32 D/14, 32 E/03	8	Globex Mining Entreprises Inc.	Normetal	Cu-Zn-Au-Ag	D(17:3500)
25	Des Meloizes	1B-2	32 D/14, 32 E/03	8	SOQUEM INC. / Minière du Nord inc.	Normetal	Cu-Zn	D(x:2020)
26	Destor	1B-2	32 D/10	8	Golden Valley Mines Ltd	Sea Serpent	Au	D(3:304)
27	Destor	1B-2		8	Ressources Explor inc.	Destor	Au	

TABLE 1B - Exploration projects in the Abitibi and Pontiac subprovinces in 2007

N ^{os}	TOWNSHIPS	FIGURE	NTS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
28	Destor, Pouliaries	1B-2	32 D/10	8	Globex Mining Entreprises Inc. / Agrégat R-N inc.	Lyndhurst	Cu-Zn-Au-Ag	D(21:2000), Gp(A,B)
29	Devlin, Brodeur	1B-1	31 M/10	8	Fieldex Exploration Inc.	Laforce	Ni-Cu-Pt-Pd	D(x:x)
30	Dufay	1B-2	32 D/03	8	Les Explorations Caract inc.	Dufay	Au-Cu	T, S
31	Dufresnoy	1B-2	32 D/06	8	Globex Mining Entreprises Inc.	Vauze	Au	D(2:2500), Gp(A)
32	Dufresnoy, Destor	1B-2	32 D/07	8	Breakwater Resources Ltd	Bouchard-Hébert	Cu-Zn-Ag-Au	D(1:525), GpEm(B), G
33	Duparquet	1B-2	31 M/07	8	Explor Resources Inc.	Duparquet	Au	
34	Duparquet	1B-2	31 M/07	8	Explor Resources Inc.	East Bay	Au	
35	Duprat	1B-2	32 D/06	8	First Metals Inc.	Duprat	Au-Cu-Zn	GpEm(A)
36	Guillet	1B-1	31 M/07	8	Vantex Resources Ltd	Guillet (Lake Expanse)	Au	T, S
37	Guillet	1B-1	31 M/07	8	Blustone Minerals (Canada) Inc.	Lac des Loups	Cu-Zn-Ni-Co-Pb-U-REE	GpMa, GpRa, G
38	Guillet	1B-1	31 M/07	8	Blustone Minerals (Canada) Inc.	Lac à la Belette	Au-Cu-Co-REE-U	Pr
39	Guillet	1B-1	31 M/07	8	Les Mines JAG Itée	Belleterre	Au-Ag-Cu	D(x:2917)
40	Hébécourt	1B-2	32 D/06	8	First Metals Inc.	Baie Fabie	Cu-Zn-Au	D(1:2755), GpEm(A)
41	Hébécourt	1B-2	32 D/06	8	First Metals Inc.	Magusi	Au-Cu-Zn	D(53:8862), GpEm(A)
42	Hébécourt	1B-2	32 D/06	8	Cogitore Resources Inc. / Inmet Mining Corporation	Hébécourt	Cu-Zn-Au-Ag	D(5:2257), GpEm(B)
43	Joannès	1B-2	32 D/02	8	Aurizon Mines Ltd	Joanna	Au	D(x:46916), GpEm, GpMa
44	Joannès	1B-2	32 D/02	8	Aurizon Mines Ltd	Henricksen	Au-Cu-Zn	Pr, T, Cs(r)
45	La Chaudière, Senezergue	1B-1	31 L/16	8	Visible Gold Mines	Rapides Elliot		TE
46	La Pause	1B-2	32 D/07	8	Globex Mining Entreprises Inc.	La Pause	Au	Gp(A)
47	La Sarre	1B-1	32 D/14	8	Golden Valley Mines Ltd	Midway	Au	Gp(Ma), Gp(El)
48	Launay	1B-1	32 D/10	8	Explor Resources Inc.	Launay	Au	
49	Maneville, Villemontel, Figuery	1B-2	32 D/07-08	8	Ressources Cartier inc.	Kinojévis	Au-Ag-Cu-Zn	D(14:5420), Pr, GpEm(C), GpMa(A), Cs(r)
50	Mazenod	1B-1	31 M/03	8	Kinbauri Gold Corp.	Laniel	diamants-Pt-Pd	TE
51	Nédelec, Guérin, Guigues, Baby	1B-2	31 M/11	8	Tres-Or Resources Ltd	Notre-Dame-du-Nord	Diamonds-Cu-Zn	D(x:x)
52	Pouliaries	1B-2	32 D/10	8	Y. Giasson	Polaries	Au-Cu-Mo	Pr
53	Rouyn, Beauchastel	1B-2	32 D/03	8	Alexis Minerals Corporation / Thundermin Resources Inc.	Lac Pelletier	Au	D(x:x)
54	Rouyn, Joannès	1B-2	32 D/02	8	IamGold Corporation	Rouyn-Merger et Joannès Ouest	Au	D(1:900)

TABLE 1B - Exploration projects in the Abitibi and Pontiac subprovinces in 2007

N ^{os}	TOWNSHIPS	FIGURE	NTS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
55	Privat, Poularies	1B-1	32 D/11	8	LakeShore Gold Corp. / Fieldex Exploration Inc.	Noranda North	Cu-Zn	
56		1B-2	32 D/06, 07	8	Xstrata Copper Canada / Alexis Minerals Corporation	Camp Noranda	Cu-Zn-Au-Ag	D(24:16000), GpEm(B), Gs(r)
57		1B-1	31 L/15-16, 31 M/01-02	8	Aurizon Mines Ltd	Kipawa	Au-U-ETR	GpMa, GpEm, Cs(t), Gs(sl), Pr
58	Duparquet	1B-2	32 D/06	8	Ressources minières Normabec ltée / GéoNova Explorations inc. / SOQUEM INC.	Pitt Gold	Au	D(x:x)
59	Guillet, Blondeau	1B-1	31 M/07	8	Conway Resources Inc.	Conway Paquin	Au	GpMa, GpRa, GpEl
60	Bousquet	1B-2	32 D/01	8	Agnico-Eagle Mines Ltd	Lac Normand	Au	D(3:940)
61	Montbray	1B-2	32 D/06	8	Agnico-Eagle Mines Ltd	Tarsac	Au	D(6:1350), Gs(r)
62	Montbray	1B-2	32 D/06	8	Agnico-Eagle Mines Ltd / Cadiscor Resources Inc.	Montbray-Cadiscor	Au	D(2:650), GpEl
63	Cadillac	1B-2	32 D/01	8	Agnico-Eagle Mines Ltd	Bruce	Au	D(1:1100)
64	Barraute	1B-1	32 C/12	8	R.J. Tremblay / A. Beaudoin / R. Lamothe	Barraute R. VII	Au	D(4:150)
65	Barraute	1B-1	32 C/12	8	Ontex Resources Ltd	C.M. 343	Au	Pr
66	Barraute	1B-1	32 C/05	8	Golden Valley Mines Ltd	Vénus New	Au	GpEm, GpMa
67	Barraute	1B-1	32 C/12	8	Phoenix Matachewan Mines Inc.	Barville	Au, Ag, Cu, Zn, Pb	FM, Gc(r), GpEm, TE
68	Barraute	1B-1	32 C/05	8	Abcort Mines Inc.	Abcort-Barvue	Zn, Ag	Env, S(10:2080), TE
69	Barraute, Carpentier	1B-1	32 C/12	8	Phoenix Matachewan Mines Inc. / Agnico-Eagle Mines Ltd	Swanson	Au	D(9:837), S
70	Barry	1B-1	32 B/13, 32 C/04	8,10	Metanor Resources Inc. / Murgor Resources Inc. / Freewest Resources Canada inc.	Barry	Au	Re, S, T, TE
71	Bourlamaque	1B-3	32 C/04	8	Alexandria Minerals Corporation / Alexis Minerals Corporation / Aur Resources inc.	Oramaque	Au	D(124:15 000)
72	Bourlamaque	1B-3	32 C/04	8	Alexis Minerals Corporation	Lac Herbin	Au	B(48 063:4,8), D(x:32 024), FM, GpGr, Re, S
73	Bourlamaque	1B-3	32 C/04	8	Kalahari Resources Inc.	Lamaque	Au	D(27:7500)
74	Bourlamaque	1B-3	32 C/04	8	Century Mining Corporation	Sigma-Lamaque	Au	D(x:3048),FM,Ramp,S,TE
75	Bourlamaque	1B-3	32 C/04	8	Alexandria Minerals Corporation	Orenada	Au	TE, GpEm, D(39:9132)
76	Bourlamaque	1B-3	32 C/04	8	Canadian Royalties Inc. / C2C inc.	New Bidlamaque	Au, Cu	D(19:3600), G, S, T
77	Bourlamaque	1B-3	32 C/04	8	Golden Valley Mines Ltd	Centromaque	Au	GpMa
78	Bourlamaque	1B-3	32 C/04	8	Alexis Minerals Corporation / IAMGOLD Corporation	Langlade - Option Cambior	Au	D(3:975)
79	Bourlamaque, Dubuisson	1B-3	32 C/04	8	Harricana River Mining Corp. / Ressources ICML inc.	Val d'Or	Au	D(44:x)

TABLE 1B - Exploration projects in the Abitibi and Pontiac subprovinces in 2007

N ^{os}	TOWNSHIPS	FIGURE	NTS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
80	Cadillac	1B-2	32 D/01	8	Midland Exploration Inc. / Agnico-Eagle Mines Ltd	Maritime Cadillac	Au	D(7:2780), TE
81	Cadillac	1B-2	32 D/01	8	Ariane Resources Inc.	Héva Ouest	Au	D(1:600), GpEm(B)
82	Cadillac	1B-2	32 D/01	8	Golden Valley Mines Ltd	Bogside	Au	GpEm, CpMa
83	Carpentier	1B-1	32 C/06	8	Abitex Resources Inc. / Placements J.E. Jolin	Jolin	Au	D(35:6600), GpEm, CpMa, TE
84	Castagnier	1B-1	32 C/13	8	Hinterland Metals Inc. / D. St-Pierre	Olé	Cu, Zn, Au	D(7:496)
85	Castagnier, Duvernoy	1B-1	32 C/12	8	Ressources Cartier inc.	Lac Castagnier	Au	D(1:150), G, Pr, TE
86	Courville	1B-1	32 C/06	8	Perchimco Resources Inc.	Courville	Au, Ag, Cu, Zn, Ni	D(65:10 000), G, GpEm, GpGr, PR, Re, TE
87	Courville	1B-1	32 C/05, /06	8	Golden Valley Mines Ltd / Kalahari Resources inc.	Perestroika	Au	D(1:120)
88	Dalquier	1B-1	32 D/09	8	Abcourt Mines Inc.	Jonpol	Cu, Zn, Ag, Au	D(22:2578), TE
89	Dalquier	1B-1	32 C/12, D/09	8	Ressources Cartier inc.	Dalquier	Au	G, Cc(tr), Pr, S, TE
90	Desbous	1B-1	32 D/16	8	Agnico-Eagle Mines Ltd	Tagliamonte	Au	D(4:600), GpEm(G), TE
91	Deschamps	1B-1	32 B/12	8	ThreeGold Resources Inc.	Mercier	Cu	Cc(sl)
92	Dubuisson	1B-3	32 C/04	8	Agnico-Eagle Mines Ltd	Goldex	Au	D(x:12 404), G, Re, S
93	Dubuisson	1B-3	32 D/01	8	Wesdome Gold Mines Inc.	Complexe minier Kiéna	Au	D(26:9932), Re, S, TE
94	Dubuisson	1B-3	32 C/04	8	Golden Valley Mines Ltd	Lac Lemoyne	Au	D(4:693), GpEm(G), GpMa(G), Pg, TE
95	Dubuisson, Fournière	1B-3	32 C/04, 32 D/01	8	Northern Star Mining Corporation	Piché-Harvey	Au	D(x:6416), Re, TE
96	Dubuisson	1B-3	32 C/04	8	Northern Star Mining Corporation	Dubuisson (Thompson River)	Au	D(6:3792)
97	Dubuisson	1B-3	32 C/04	8	Wesdome Gold Mines Inc.	Mines Kiéna	Au	D(23:5316), Re
98	Dubuisson, Fournière, Malartic, Vassan	1B-3	32 C/04, 32 D/01	8	NioGold Mining Corporation / Aur Resources Inc. / Thundermin Resources Inc.	Bloc Marban	Au	D(35:10 000), Pr, Re, S, TE
99	Dubuisson, Fournière	1B-3	32 C/04, 32 D/01	8	Northern Star Mining Corporation	Midway	Au	D(x:12 500), Re, TE
100	Ducros	1B-1	32 C/11	8	Golden Valley Mines Ltd	Ducros J.V.	Au, Cu, Ni, Pt, Pd	G, Pr, S
101	Fiedmont	1B-1	32 C/05	8	Kinbaouri Gold Corp. / Prospecteurs	Fiedmont	Pt, Pd, Ni, Cu	D(x:240), Cc(sl), GpMa(A)
102	Fiedmont, Courville	1B-1	32 C/05	8	Britannica Resources Corporation	McKenzie Break	Au	D(x:5100), GpMa, Re, TE
103	Fournière	1B-3	32 D/01	8	Osisko Exploration Ltd	Canadian Malartic	Au	D(x:140 000), Re
104	Fournière	1B-3	32 D/01	8	D. Cyr	Fournière	Au	Cc, S
105	Fournière, Malartic	1B-3	32 D/01	8	Osisko Exploration Ltd / Richmont Mines Inc.	East Amphi	Au	S, TE, Closed in June 2007
106	Fournière, Malartic	1B-3	32 D/01	8	Osisko Exploration Ltd / Golden Valley Mines Ltd	Malartic CHL	Au	D(8:3600), TE

TABLE 1B - Exploration projects in the Abitibi and Pontiac subprovinces in 2007

N ^{os}	TOWNSHIPS	FIGURE	NTS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
107	Fournière, Malartic	1B-3	32 D/01	8	Osisko Exploration Ltd	Western Porphyry Zone	Au	D(1:x), TE
108	Fournière, Malartic	1B-3	32 D/01	8	Richmont Mines Inc. / SOQUEM INC.	Camflo Nord-Ouest	Au	D(3:1366)
109	La Motte	1B-1	32 D/08	8	Exploration Bull's Eye	La Motte Nickel	Ni, Pt, Pd	D(x:x), G, Pr
110	Lamorandière, Duvernay	1B-1	32 C/12	8	Cogitore Resources Inc. / Inmet Mining Corporation	Castagnier	Cu, Zn, Au, Ag	D(2:550), GpEm(B)
111	Lamorandière	1B-1	32 C/12	8	Ressources Cartier inc.	Lamorandière	Au	G, Cc(tr), Pr, S, T, TE
112	Landrienne	1B-1	32 C/05, /12	8	Lounor Exploration Inc.	Landrienne	Ni, Pt, Pd	D(8:x), Pr, GpEm, CpMa
113	Launay, Trécesson	1B-1	32 D/09	8	Royal Nickel Inc.	Dumont Project	Ni	D(56:22 000), GpEm, CpMa, TE
114	Louvicoourt	1B-3	32 C/04	8	Alexandria Minerals Corporation / IAMGOLD Corporation	Bloc Sud Ouest	Au	D(76:x)
115	Louvicoourt	1B-3	32 C/04	8	Alexandria Minerals Corporation / IAMGOLD Corporation	Zone Sleepy	Au	D(22:7800)
116	Louvicoourt	1B-3	32 C/04	8	Megastar Development Corporation	Simkar	Au	D(14:4100)
117	Louvicoourt	1B-3	32 C/03	8	Alexis Minerals Corporation	Bonnefond	Au	D(14:5500)
118	Louvicoourt	1B-3	32 C/03	8	Alexis Minerals Corporation	Duraine VMS	Cu, Zn	D(23:2590), Pr, S, T
119	Louvicoourt	1B-3	32 C/03	8	Alexis Minerals Corporation	Beacon - Au	Au	Pr, G, S, T
120	Louvicoourt	1B-3	32 C/03	8	Alexis Minerals Corporation	Beacon - VMS	Cu, Zn	D(30:8061)
121	Louvicoourt	1B-3	32 C/03	8	Alexis Minerals Corporation	Louvex - VMS	Cu, Zn	S(1:2779)
122	Malartic	1B-3	32 D/01	8	Britannica Resources Corporation / Northern Star Mining Corporation	Réveillard	Au	D(5:1517), Re, TE
123	Malartic	1B-3	32 D/01	8	Britannica Resources Corporation / Les Mines J.A.G. Itée	Option JAG	Au	D(17:2449), Re, TE
124	Malartic	1B-3	32 D/01	8	Carat Exploration Inc.	Malartic	Au	S, T
125	Malartic	1B-3	32 D/01	8	SearchGold Resources Inc. / Golden Share Mining Corporation	Malartic Lakeshore	Au	Pr, TE
126	Malartic	1B-3	32 D/01	8	C2C inc. / Corporation minière Animiki / Globex Mining Entreprises Inc. / Altai Resources Inc.	Blackcliff	Au	D(x:x)
127	Malartic	1B-3	32 D/01	8	Globex Mining Entreprises Inc.	Parbec	Au	D(3:1800), TE
128	Malartic, Dubuisson	1B-3	32 D/01	8	Northern Star Mining Corporation	Callahan	Au	ET
129	Montguy	1B-1	32 C/06, /11	8	Abitex Resources Inc.	Vermont Zinc	Zn, Ag	GpEm, Pr
130	Pascalis	1B-3	32 C/04	8	Richmont Mines Inc. / Louvem Mines Inc.	Mine Beaufor	Au	Re, S(55:28 251)
131	Pascalis	1B-3	32 C/03	8	Golden Valley Mines Ltd	Pascalis West	Cu, Zn, Au	GpEm, CpMa
132	Pershing, Tavernier	1B-3	32 C/02, /03	8	Normabec Mining Resources Ltd / First Gold Exploration Inc.	Matchi-Manitou	Cu, Zn, Ag	TE
133	Pershing, Vauquelin, Haig	1B-3	32 C/03	8	X-Ore Resources Inc. / First Gold Exploration Inc.	Croinoir	Au	D(x:12 922)

TABLE 1B - Exploration projects in the Abitibi and Pontiac subprovinces in 2007

N ^{os}	TOWNSHIPS	FIGURE	NTS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
134	Senneterre	1B-1	32 C/06	8	Globex Mining Entreprises Inc.	Transterre	Au	Gp(A)
135	Tiblemont	1B-3	32 C/03	8	Globex Mining Entreprises Inc.	Lac Fish	Au	Pr
136	Tiblemont	1B-3	32 C/06	8	Globex Mining Entreprises Inc.	Smith-Zulapa	Cu-Ni	Gp(A), TE
137	Tonnancourt, Josselin	1B-1	32 C/15	8	Globex Mining Entreprises Inc.	Tonnancour	Cu, Zn, Ag, Au	Gp(A), GpEm(G), GpMa(G), Pr
138	Vassan	1B-3	32 C/04	8	Stellar Pacific Ventures Inc.	Vassan	Au	D(7:5500), GpEm(G)
139	Vauquelin	1B-3	32 C/03	8	Plato Gold Corporation / Globex Mining Entreprises Inc.	Nordeau	Au	D(22:7356), Re, TE
140	Vauquelin	1B-3	32 C/03	8	SearchGold Resources Inc. / Golden Share Mining Corporation	Forsan	Au	Pr, TE
141	Villemontel	1B-2	32 D/07	8	Britannica Resources Corporation	Kino	Zn, Ag, Cu	GpEm, GpMa
142	Barry, Carpiquet	1B-1	32 B/13, 32 G/04	8, 10	Hinterland Metals Inc.	Lockout	Au	D(5:854)
143	Buteux	1B-1	32 B/14, 32 C/03	8, 10	Société d'exploration minière Vior inc.	Buteux	Au, Cu, Zn	G, GpEm(G), T
144	Bapst	1B-1	32 E/15	10	Ressources Cartier inc.	Bapst	Au	D(1:300), Gc, TE
145	Beschefer	1B-1	32 E/15	10	Sea Green Capital Corporation / Explorers Alliance Corporation	Beschefer	Au	D(5:1304)
146	Bourbaux	1B-1	32 F/10	10	Explorateurs Innovateurs de Québec inc. / Freewest Resources Canada inc.	Montagne Dalhousie	Cu, Ni, V	GpEm(G), S, T
147	Brongniart, Rale, Fancamp, Haüy	1B-1	32 G/10	10	Metco Resources Inc.	Eau Jaune	Au	G
148	Bruneau, Desjardins	1B-1	32 F/06	10	Cadiscor Resources Inc. / Canadian Royalties inc.	Cameron Shear	Au	G, Gc, GpEm(A), GpMa(A)
149	Bruneau, Desjardins	1B-1	32 F/06	10	Stratéco Resources Inc. / Cadiscor Resources Inc.	Discovery	Au	D(20:13 000), Re, TE
150	Carpiquet	1B-1	32 G/04	10	Carat Exploration Inc.	Carpiquet	Au, Cu	S, T
151	Carqueville, Céleron, Dalet	1B-1	32 E/01	10	Lounor Exploration Inc.	Carqueville	Ni, Cu, Au	D(24:x), GpEm, GpMa, Pr
152	Casa Berardi	1B-1	32 E/11	10	Sea Green Capital Corporation / Explorers Alliance Corporation	Casa Berardi	Au, Cu, Ni, Zn	D(13:3530), GpMa
153	Casa Berardi	1B-1	32 E/11	10	Aurizon Mines Ltd	Mine Casa Berardi	Au	D(x:14 445), Re
154	Casa Berardi, Dieppe, Estrées, Puisieux, Raymond	1B-1	32 E/11, /12	10	Aurizon Mines Ltd / Lake Shore Gold Corporation	Casa Berardi	Au	D(x:x)
155	Cavaller	1B-1	32 F/12	10	SOQUEM INC. / Metco Resources Inc.	B6-20	Cu, Zn	FM
156	Cavaller, Galinée	1B-1	32 F/12	10	SOQUEM INC. / Metco Resources Inc.	Caber du Dôme (Matagami)	Cu, Zn	D(x:2500)
157	Chaste	1B-1	32 F/04	10	IAMGOLD Corporation / Cadiscor Resources Inc.	Mine Céant Dormant	Au, Ag	D(11:7759)

TABLE 1B - Exploration projects in the Abitibi and Pontiac subprovinces in 2007

N ^{os}	TOWNSHIPS	FIGURE	NTS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
158	Comporté, Le Tardif	1B-1	32 F/11	10	Xstrata Zinc Canada Corporation / Donner Metals Ltd	CPT	Zn, Cu, Au, Ag	D(1:x), CpEm(F)
159	Comtois, Fraser, Quévillon	1B-1	32 F/03	10	Maudore Minerals Ltd	Comtois	Au, Zn	D(42:14 291), CpEm(B,G), S, T
160	Dalet	1B-1	32 E/08	10	Globex Mining Entreprises Inc.	Dalet	Au	CpEm(G), CpMa(G)
161	Daniel	1B-1	32 F/12, /13	10	Xstrata Zinc Canada Corporation	Persévérance	Zn, Cu, Ag, Au	Ramp
162	Desmazures	1B-1	32 E/09	10	Cancor Mines Inc.	Allard	Au, Ag	G, Pr
163	Desmazures	1B-1	32 E/09	10	Xstrata Zinc Canada Corporation / Donner Metals Ltd	West Camp	Zn, Cu, Au, Ag	D(3:x)
164	Dieppe, Collet	1B-1	32 E/06	10	Ressources Cartier inc.	Dieppe-Collet	Au	Pr, TE
165	Dollier	1B-1	32 G/09	10	Ressources Cartier inc.	Dollier	Au	G, Cc(r), Pr, S
166	Douay	1B-1	32 E/09	10	Société d'exploration minière Vior inc.	Douay, Douay Est, Douay Ouest	Au	D(23:6699), Cc(r), Re, TE
167	Estrées, Estrades	1B-1	32 E/10	10	Cogitore Resources Inc.	Estrades - Bail 795	Cu, Zn, Au, Ag	D(1:376), FM, CpEm(B), CpMt, Met
168	Estrées, Estrades	1B-1	32 E/10	10	Cogitore Resources Inc. / Inmet Mining Corporation	Estrades	Cu, Zn, Au, Ag	D(6:3883), CpEm(B)
169	Fénelon	1B-1	32 E/15	10	American Bonanza Gold Corporation	Fénelon Nickel	Ni, Pt, Pd	D(10:4419), CpEm(F), S
170	Fénelon	1B-1	32 E/15	10	American Bonanza Gold Corporation	Fénelon Gold	Au	D(12:5000)
171	Galinée	1B-1	32 E/16, F/11, /12, /13, /14	10	Donner Metals Ltd / Xstrata Zinc Canada Corporation	Matagami (Bracemac, McLead)	Zn, Cu, Au, Ag	TE, G, Cc(r), CpEm(B,G), CpGr(G), D(85:38 000)
172	Galinée	1B-1	32 F/12	10	Xstrata Zinc Canada Corporation / Donner Metals Ltd	Galinée 14	Zn, Cu, Au, Ag	D(14:x), CpEm(B)
173	Galinée	1B-1	32 F/12	10	IAMGOLD Corporation / Metco Resources Inc.	Galinée Newmont	Cu, Zn, Au, Ag	D(x:x)
174	Gamache	1B-1	32 G/07	10	Fancamp Exploration Ltd / G. Lamothe	Fancamp	Cu, Au	CpEm(G), S, T
175	Gamache, Fancamp	1B-1	32 G/07, /10	10	SOQUEM INC.	Philibert (Secteur Joe Mann)	Au	D(x:500)
176	Glandet	1B-1	32 E/01	10	Agnico-Eagle Mines Ltd	Harricana	Au	CpEm(G), CpMa(G)
177	Grevet	1B-1	32 F/09	10	Golden Valley Mines Ltd	Luciana	Au	CpEm, CpMa
178	Grevet, Mountain	1B-1	32 F/02, /07	10	Breakwater Mines Ltd	Langlois	Cu, Zn, Pb, Au, Ag	D(89:28 860), CpEm(B,G), CpMa(G), Ramp
179	Grevet, Mountain	1B-1	32 F/02	10	Breakwater Mines Ltd	Mine Langlois	Cu, Zn, Au, Ag	D(2:700), CpEm(B)
180	Grevet, Mountain	1B-1	32 F/01, /02, /07	10	Metco Resources Inc. / Breakwater Mines Ltd	Grevet-Montain	Zn, Cu, Ag	D(50:15 500), C, CpEm(S), Pr
181	Guercheville	1B-1	32 F, 32 G	10	Diagnos inc. / Mousseau Tremblay inc.	Diamant 32G	Diamant	Cc(sl), TE
182	Guettard	1B-1	32 G/13, /14	10	Abitex Resources Inc.	Guettard	Ni, Cu, Co	Pr

TABLE 1B - Exploration projects in the Abitibi and Pontiac subprovinces in 2007

N ^{os}	TOWNSHIPS	FIGURE	NTS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
183	Haury	1B-1	32 G/10	10	Celtic Minerals Ltd	Muscocho Lake	Ni, Cu, Co, Pt, Pd, Au, Ag	G, GpEm(A), GpMa(A), Pr, S
184	Hazeur, Rale	1B-1	32 G/07, /10	10	Visible Gold Mines Inc.	Hazeur	Au	D(3:750), G, S, T
185	Jérémie	1B-1	32 L/02	10	Abitex Resources Inc. / Ressources Métauxdic inc.	Jérémie	Ni, Cu, Zn	GpEm(S), GpMa, Pr, TE
186	Joutel	1B-1	32 E/08, /09	10	Lounor Exploration Inc.	Joutel	Au	D(10:x), GpEm, GpMa, Pr
187	Joutel	1B-1	32 E/09	10	Cancor Mines Inc.	Bonfortel	Zn, Cu, Au, Ag	GpEm(G)
188	Joutel	1B-1	32 E/09	10	Société d'exploration minière Vior inc.	Bolc Joutel	Au	D(4:1102)
189	La Dauversière, Queylus, Charron, Dollier	1B-1	32 G/09	10	Arienne Resources Inc.	La Dauversière	Au	GpEl(G), Pr
190	La Dauversière, Rohault	1B-1	32 G/08, /09	10	Gold Bullion Development Corporation / Global Finishing Inc. / Campbell Resources Inc.	Mine Joe Mann	Au, Cu, Ag	D(2:x), Closed in September 2007
191	La Gauchetière	1B-1	32 E/09, /16	10	Metco Resources Inc.	Caber	Cu, Zn, Ag, Au	FM
192	La Gauchetière, Ste-Hélène	1B-1	32 E/16	10	Metco Resources Inc. / SOQUEM INC.	Samson	Cu, Zn	D(7:x), GpEm(B,G)
193	La Martinière	1B-1	32 L/03	10	American Bonanza Gold Corporation	La Martinière	Au	D(15:4000)
194	Laberge	1B-1	32 E/06, /11	10	IAMGOLD Corporation / Cancor Mines Inc.	Gémini-Turgeon	Cu, Zn, Au	D(x:x), GpEm(G)
195	Lamarck, Guettard	1B-1	32 G/14	10	Queenston Mining Inc.	Grizzly	Au	D(4:x), GpEl(G), GpMa(G), T
196	Le Sueur	1B-1	32 F/08, /09	10	Metanor Resources Inc.	Bachelor	Au	D(4:1500), Pr, Re, S, T
197	Lemoine	1B-1	32 G/09, /16	10	Agnico-Eagle Mines Ltd	Lemoine	Au	GpEm(G)
198	Lemoine	1B-1	32 G/09	10	Campbell Resources Inc. / Nuinco Resources Ltd	Corner Bay	Cu, Ag, Au	Ramp
199	Lemoine, Rimfret	1B-1	32 G/16	10	Cogitore Resources Inc. / Inmet Mining Corporation	Lemoine	Cu, Zn, Au, Ag	D(4:1728), GpEm(B), GpMt
200	Lespérance, Gand	1B-1	32 G/12	10	Explor Resources Inc.	Opawica	Au, Cu, Zn	Pr
201	Lespérance, Gand	1B-1	32 G/05, /12	10	Superior Diamonds Inc. / IAMGOLD Corporation / Matamec Explorations Inc.	L'Espérance	Diamant	D(13:2240), Cc(t)
202	Lévy	1B-1	32 G/15	10	2736-1179 Québec inc. / Forages Chibougamau ltée	Mine Cooke - Chapais	Cu, Zn, Au	D(x:4000)
203	Lévy	1B-1	32 G/15	10	Novawest Resources Inc.	TouchDown (Laura)	Cu, Ag, Au	D(6:1035), GpEm(B,G)
204	Lévy	1B-1	32 G/15	10	Queenston Mining Inc.	Phoenix	Cu, Au, Ag, Co	D(3:875), GpEm(G)
205	Lévy	1B-1	32 G/15	10	Agnico-Eagle Mines Ltd	Waconichi West	Au	GpEm(G)
206	Lévy, Scott, Haury, Brongniart	1B-1	32 G/10, /15	10	Agnico-Eagle Mines Ltd	Waconichi	Au	GpEm(A), GpMa(A)

TABLE 1B - Exploration projects in the Abitibi and Pontiac subprovinces in 2007

N ^{os}	TOWNSHIPS	FIGURE	NTS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
207	Massicotte, La Peltrie	1B-1	32 E/14	10	Ariane Resources Inc. / Radisson Mining Resources Inc.	Massicotte	Au, Cu, Zn	G, Pr, TE
208	McCorkill	1B-1	32 G/16, H/13, I/04, J/01	10	Typhoon Exploration Inc.	Monexco	Au, Cu, Zn	D(x:x), G, GpEm(s), GpMa(s), Pr, S, T, TE
209	McKenzie	1B-1	32 G/16, J/01	10	Agnico-Eagle Mines Ltd	Faillie Gwillim	Au	GpEm(G)
210	McKenzie, Roy	1B-1	32 G/16	10	Globex Mining Entreprises Inc.	Bateman Bay	Cu, Au	Gp(A)
211	Montgolfier, Orvilliers	1B-1	32 E/09, /10	10	J-Pacific Gold Inc.	Montgolfier	Au	D(26:9710), S
212	Montgolfier, Orvilliers, Aloigny	1B-1	32 E/09, /10	10	Exploration Barlow inc.	Montgolfier	Fe	GpMa
213	Mountain	1B-1	32 F/02	10	Metco Resources Inc. / Breakwater Mines Ltd	Orphée	Cu, Zn, Ag, Au	D(x:6000), GpEm(S), TE
214	Mountain	1B-1	32 F/02, /07	10	Metco Resources Inc.	Fancamp	Au	GpEm(G)
215	Nelligan	1B-1	32 F/08, /09	10	Explor Resources Inc.	Nelligan Nickel	Ni, Co	D(x:1900), GpEm(G), GpMa(G)
216	Noyelles	1B-1	32 F/06, /11	10	First Gold Exploration Inc.	Noyelles	Au	D(11:8000)
217	Noyon	1B-1	32 F/12	10	American Bonanza Gold Corporation / Agnico-Eagle Mines Ltd	Northway-Noyan	Au	D(6:2000), S, TE
218	Noyon, Veza	1B-1	32 F/12	10	Société d'exploration minière Vior inc.	Veza-Noyard	Au	TE
219	Obalski	1B-1	32 G/16	10	Campbell Resources Inc.	Pit de l'île Merrill	Cu, Ag, Au	
220	Obalski	1B-1	32 G/09, /16	10	Novawest Resources Inc.	Fieldgold (Devlin)	Cu, Ag, Au	GpEm(G)
221	Obalski, Lemoine	1B-1	32 G/16	10	Novawest Resources Inc.	Cornerback (Corner Bay)	Cu	B(2000:x), GpEm(G)
222	O'Sullivan	1B-1	32 I/04	10	Novawest Resources Inc.	Pointatfer (Icon)	Cu	GpEm(G)
223	Poirier	1B-1	32 E/08	10	Globex Mining Entreprises Inc.	Mine Poirier	Cu, Zn, Au	Gp(A)
224	Poirier	1B-1	32 E/08	10	Cancor Mines Inc. / SOQUEM INC.	Kistabiche	Cu, Zn, Au, Ag (VMS)	G, GpEm(A)
225	Pouchot	1B-1	32 F/11	10	Hinterland Metals Inc.	Plateau	Pt, Pd	D(9:1072), Cc(s), GpEm(G)
226	Rale	1B-1	32 G/10	10	Globex Mining Entreprises Inc.	Salt	Au	GpEm, GpMa, Pr
227	Roy	1B-1	32 G/16	10	Globex Mining Entreprises Inc.	Grand Roy	Au, Cu	Gp(A)
228	Roy	1B-1	32 G/16	10	Novawest Resources Inc.	Kickoff (Nepton)	Cu, Au	D(2:504), GpEm(B,G)
229	Roy	1B-1	32 G/16	10	Campbell Resources Inc.	Mine Copper Rand	Cu, Au, Ag	D(x:x)
230	Roy	1B-1	32 G/16	10	Agnico-Eagle Mines Ltd	Roy	Au	GpEm(G)
231	Roy	1B-1	32 G/16	10	Agnico-Eagle Mines Ltd	Blondeau	Au	GpEm(A,G), GpMa(A)
232	Scott	1B-1	32 G/15	10	Globex Mining Entreprises Inc.	Lac Simon	Au, Cu, Zn	Gp(A)
233	Scott	1B-1	32 G/15	10	Cogitore Resources Inc.	Scott Lake	Cu, Zn, Au, Ag	D(26:11 084), GpEm(G)
234	Scott, Barlow, McKenzie	1B-1	32 G/15, /16	10	SOQUEM INC.	Cummings	Cu, Au, Ag	S, T
235	Urban	1B-1	32 G/04	10	Noront Resources Ltd	Windfall Lake	Au	D(72:14 000), Ramp

TABLE 1B - Exploration projects in the Abitibi and Pontiac subprovinces in 2007

N ^{os}	TOWNSHIPS	FIGURE	NTS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
236	Veza, Noyon	1B-1	32 F/12	10	Agnico-Eagle Mines Ltd / American Bonanza Gold Corporation	Veza	Au	D(4:808), S, TE
237	Destor	1B-2	32 D/07	8	Britannica Resources Corp.	Railroad	Cu-Zn-Au-Ag	GpMa, CpEl

1. See the legend of abbreviations and the significance of italic and bold types in appendix II.

A. R. = Administrative region

1B

1C - New Québec and Torngat Orogens, Southeast Churchill Province (Core Zone), and Ungava Orogen (Administrative Region 10, Nord-du-Québec)

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Composed mainly of Paleoproterozoic rocks, the New Québec (Labrador Trough), Torngat, and Ungava (Cape Smith Belt) orogens cover a significant proportion of Northern Québec (figures 1C-1 and 1C-2). The Southeastern Churchill Province includes the New Québec and Torngat Orogens and their hinterland, the core zone, composed largely of Archean rocks and sometimes referred to as the Rae Province (James *et al.*, 1996; Wardle *et al.*, 2002; Figure 1C-1).

The main targeted commodities in the New Québec Orogen and the core zone in 2007 were uranium and gold. The Ungava Orogen (Ungava Trough or Cape Smith Belt) once again attracted several exploration companies in the search for nickel, copper and platinum group elements. All exploration projects conducted by exploration companies and individual prospectors within the study area are listed in Table 1C and showed on figures 1C-1 and 1C-2.

New Québec Orogen

Also referred to as the Labrador Trough in Québec, or simply “the Trough”, the New Québec Orogen, with rocks dated from 2.17 to 1.79 Ga, forms a fold and thrust belt along the margin of the Superior Province (Clark and Wares, 2004). The Trough is composed of rocks comprising two volcano-sedimentary cycles and a third cycle of metasedimentary rocks (Clark and Wares, 2004).

New Millenium Capital Corporation conducted a preliminary assessment study and a definition drilling program on the KéMag iron ore project (Lac Harris) (Project 6), located 40 km northwest of Schefferville. The economic part of the iron formation on the KéMag property consists of 7 units of Proterozoic sedimentary rocks totalling 105 metres in thickness and shallowly dipping (5-12°) to the east. This rock sequence has been traced over a strike length of 10 km along a NNW-SSE axis. The project is based on a mineral resource estimated at 2.3 Gt grading 30.9% iron, hosted in magnetite taconites. Many different studies remain to be completed before a decision is taken on the project.

Torngat Orogen and Southeast Churchill Province

The Paleoproterozoic Torngat Orogen is bounded to the east by Archean rocks of the Nain Province and to the west by Archean and Paleoproterozoic rocks of the core zone (Figure 1C-1). This orogen is divided into lithotectonic domains and complexes separated by ductile shear zones (*e.g.*, the Ablviak deformation zone, Figure 1C-1).

Located in the Southeastern Churchill Province, the Trough hinterland and the Torngat foreland were called the “core zone” by James *et al.* (1996). The core zone is composed largely of Archean gneisses with bands of Paleoproterozoic supracrustal rocks. These rocks were subsequently deformed and metamorphosed during the Paleoproterozoic. The core zone is divided into a series of lithotectonic domains separated by wide deformation zones (Figure 1C-1; Wardle *et al.*, 2002).

NWT Uranium Corporation and **Azimut Exploration Inc.** uncovered seven distinct uranium zones with a cumulative strike length of 10 km and grades reaching 3.3% U_3O_8 in grab samples collected on the North Rae property (Project 10), located to the south and southeast of Kangigsualujuaq, near the mouth of George River along the east coast of Ungava Bay. In the same area, **Majescor Resources Inc.** and **Azimut Exploration Inc.** delineated a 30-km-long prospective uranium trend on the South Rae property (Project 11). Assay results up to 0.57% U_3O_8 were obtained from surface rock samples.

Ungava Orogen

The Paleoproterozoic Ungava Orogen (Ungava Trough or Cape Smith Belt) consists of a volcano-sedimentary belt that stretches over some 370 km along an ENE-WSW axis (St-Onge and Lucas, 1990; Figure 1C-2). The area may be divided into four main tectonic units: a) the autochthonous Archean basement of the Superior Province, b) the allochthonous accretionary belt or Ungava Trough *s.s.*, c) the Paleoproterozoic Narsajuaq Terrane, and d) the parautochthonous Archean basement (Lamothe, 1994). The Ungava Orogen comprises seven tectonostratigraphic units that form the Southern and Northern lithotectonic domains, separated by the Bergeron fault. The Southern Domain is composed of three groups: a) the Lamarche Group (sedimentary assemblage intruded by gabbro sills), b) the Povungnituk Group (tholeiitic basalts intercalated with detrital sediments), and c) the Chukotat Group (komatiitic to tholeiitic basalts) thrust onto the Povungnituk. The Northern Domain consists of the Chassé Formation (detrital unit) and of four groups: a) the Watts Group (sedimentary and metavolcanic rocks), b) the Parent Group (tholeiitic basalts and tuffs), c) the Spartan Group (psammites, pelites, semipelites, sandstones, felsic tuffs, and mudstones), and d) the Perrault Group (wackes, conglomerates, sandstones, and mudstones).

1C

In the Ungava Trough, exploration results from the latest drilling program by **Xstrata Nickel** on the Raglan property (Project 16) led to the definition of another 2 million tonnes of inferred resources grading 3.0% Ni in Zone 5-8, located 4 km east of Katinniq (Raglan mine), including a 63-metre interval at 4.4% Ni and 1.6% Cu. Zone 5-8 has now become the largest ore zone in Raglan's history, outranking Katinniq with a preliminary inferred resource estimate of 10 million tonnes at 3.2% Ni, 0.8% Cu, 0.08% Co, 0.9 g/t Pd and 2.1 g/t Pt. Plans to increase mine production from 1.1 to 1.3 million tonnes of ore per year by the end of 2008 are currently underway at the Raglan mine.

On the Nunavik Nickel project (Project 17), located 20 km south of the Raglan mine, **Canadian Royalties Inc.** completed a feasibility study on the Mesamax, Expo and Ivakkak deposits, where cumulative reserves total 11.3 Mt at 0.97% Ni, 1.13% Cu, 0.05% Co, 0.10 g/t Au, 0.45 g/t Pt, and 1.86 g/t Pd. A preliminary economic assessment resulted in an updated indicated resource estimate for the Mequillon deposit of 5.4 Mt at 0.74% Ni, 1.07% Cu, 0.04% Co, 0.23 g/t Au, 0.70 g/t Pt, and 2.65 g/t Pd on the same project. Moreover, two new major discoveries (Allammaq and Puimajuq) with significant resource potential were made on the property. The start-up of construction on the Nunavik Nickel mining project is scheduled for mid-2008.

Partners **Anglo American Exploration (Canada) Ltd** and **Knight Resources Ltd** continued exploration work on the West Raglan property (Project 19), covering approximately 65 km strike length along the Raglan Horizon. Several mineralized zones were intersected in drillhole, with grades of 3.22% Ni, 1.93% Cu, 0.99 g/t Pt, and 3.35 g/t Pd over 3.50 m (drillhole WR-07-130), and 1.06% Ni, 0.36% Cu, 0.24 g/t Pt, and 0.96 g/t Pd over 25.79 m (drillhole WR-07-128) in the Frontier South zone; and 0.5% Ni, 0.27% Cu, 0.14 g/t Pt, and 0.5 g/t Pd over 9.16 m (drillhole WR-07-132) in the Century zone.

About 80 km southeast of the Raglan mine, **Goldbrook Ventures Inc.** continued exploration along the Bélanger-Delta Horizon on its Raglan property (Project 18) and reported several mineralized drill intercepts in the Sylvie, Getty, Bravo, Mystery, Timtu, and R2 target areas, including 1.79% Ni, 3.49% Cu, 0.09% Co, 0.40 g/t Pt, 2.96 g/t Pd, and 0.18 g/t Au over 7.0 m (drillhole BRA07-006, Bravo target area); 1.41% Ni, 0.67% Cu, and 3.23 g/t PGE-Au over 96.4 m (drillhole SYL07-023, Sylvie target area); and 0.54% Ni, 0.67% Cu, 0.03% Co, and 1.47 PGE-Au over 42.0 m (drillhole MYS07-002, Mystery target area).

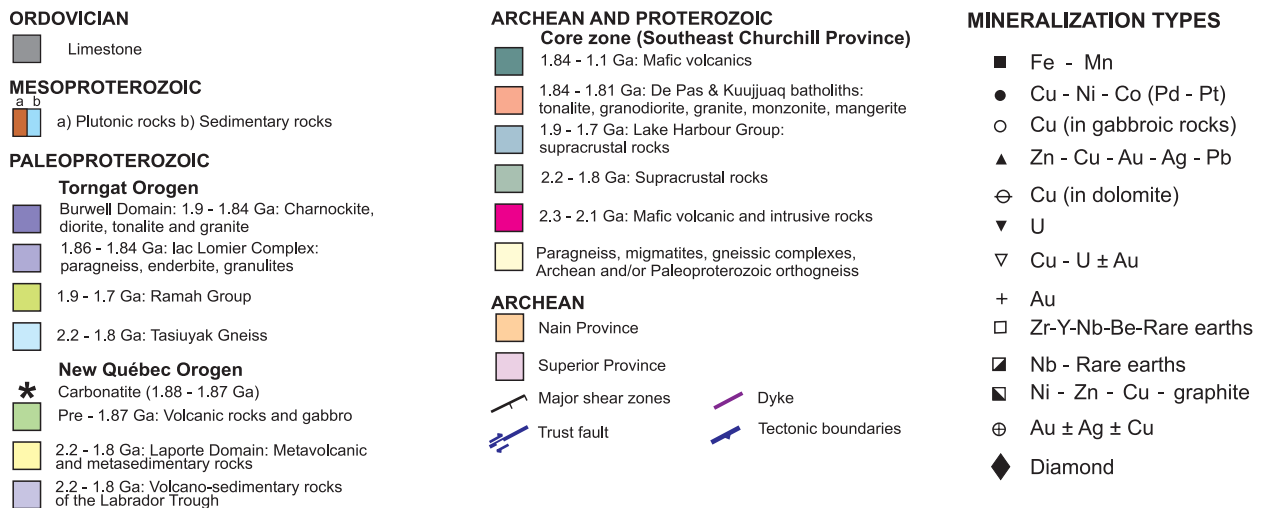


Figure 1C-1. Geological legend of map of the mineral exploration projects in New Québec and the Torgat orogen, the core zone and the Ungava Orogen.

1C

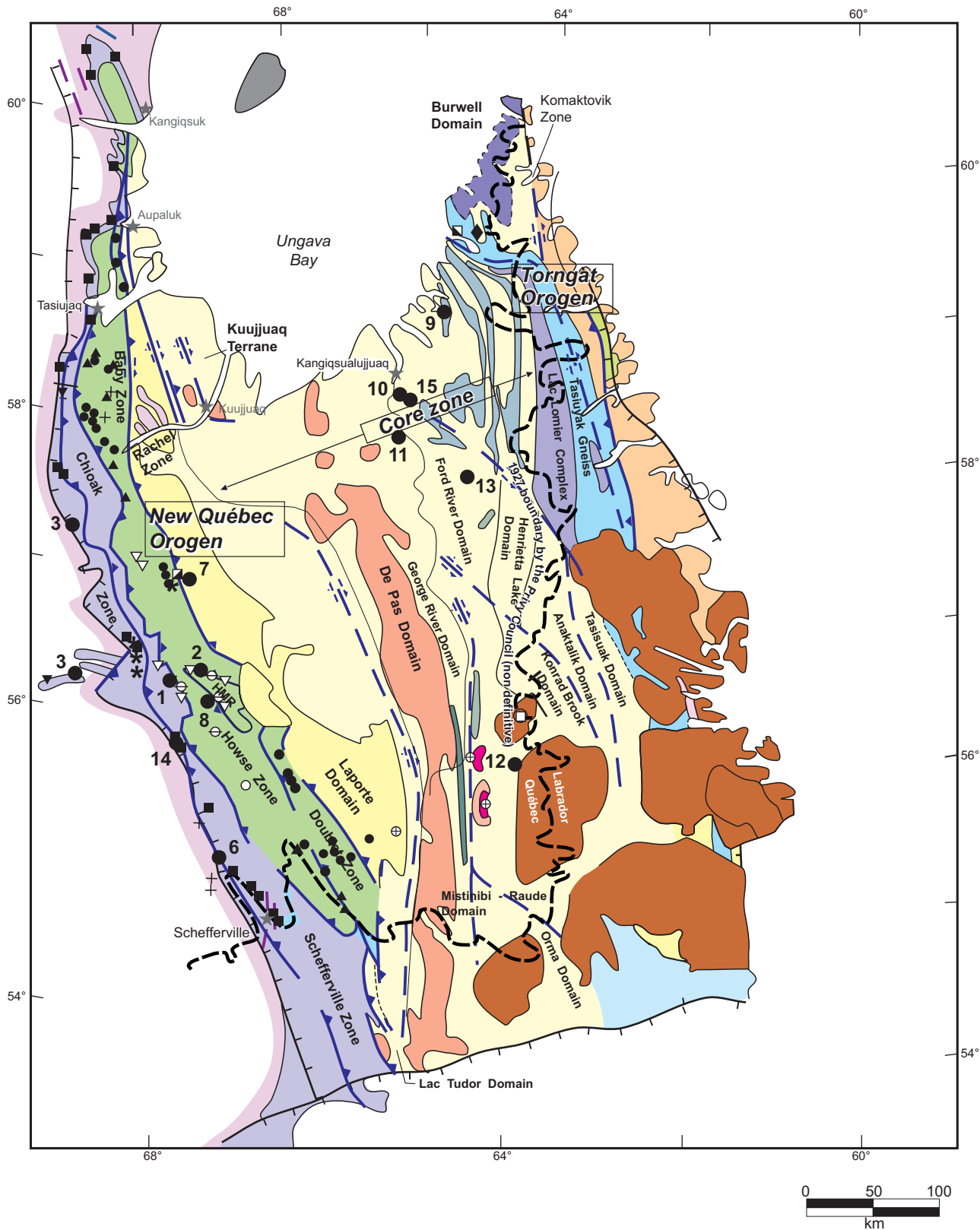
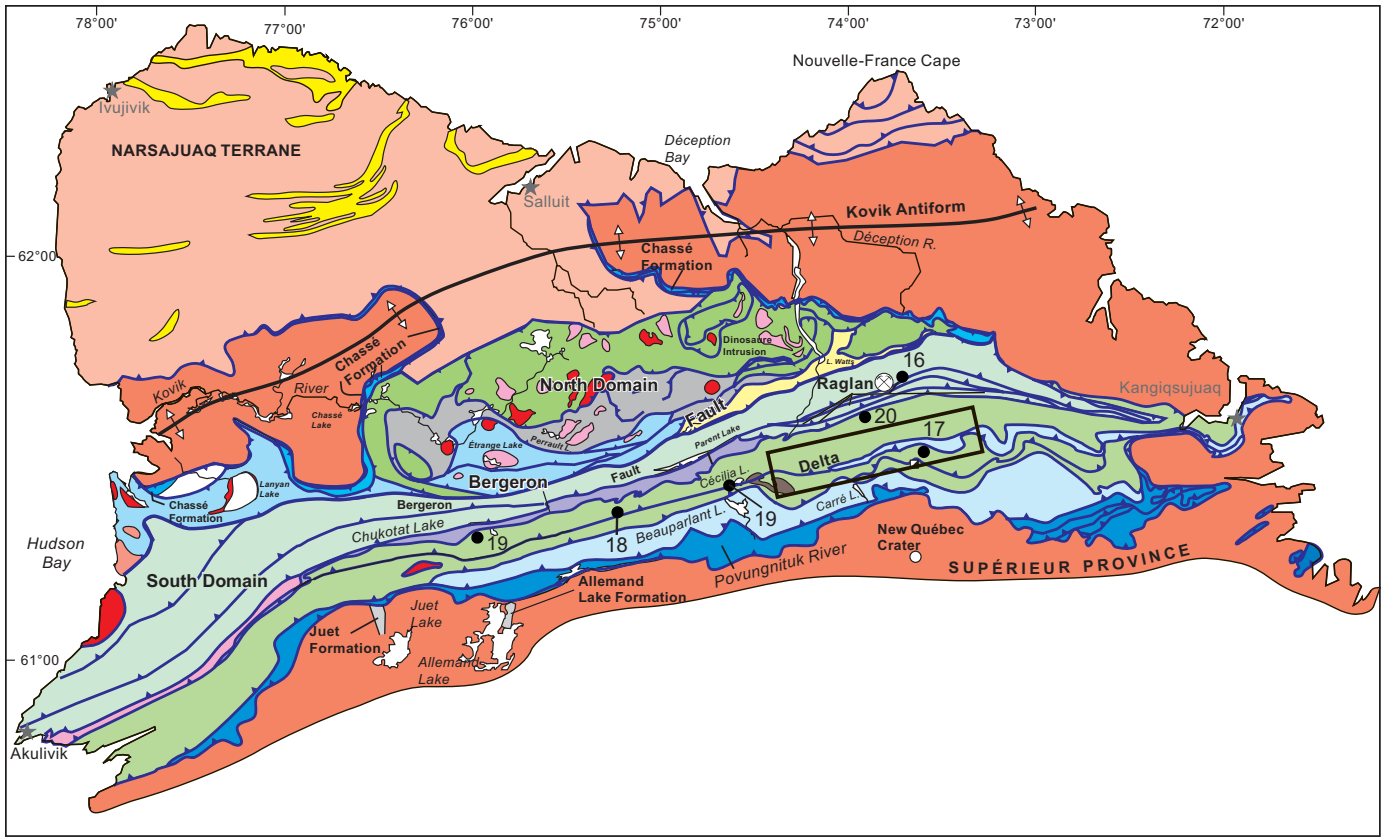
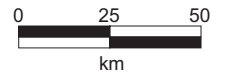


Figure 1C-1. Location of mining exploration projects in 2007 in the New Québec and Torngat Orogen as well as in the Core Zone. Modified from Wardle *et al.*, 2002.

1C



UNGAVA OROGEN



NORTH DOMAIN

- Perrault Group**
Wacke, conglomerate, sandstone, mudstone
- Spartan Group**
Psammites, pelites, felsic tuff, dolomite
- Parent Group**
Pyroclastites, basalt, rhyodacite, rhyolite
- Watts Group**
Peridotite, pyroxenite, gabbro, basalt
- Chassé Formation**
Quartzite, psammites
- Intrusive rocks**
Granite, granodiorite, monzodiorite
Gabbro, tonalite, diorite, peridotite, pyroxenite

SOUTH DOMAIN

- CHUKOTAT GROUP**
Basalt
- POVUNGNITUK GROUP**
Nuvilic Formation
Psammites, carbonates, pyroclastites, basalt
- Cecilia Formation**
Basanite, phonolite
- Beauparlant Formation**
Basalt, rhyolite
- Dumas Formation**
Psammites, pelites, basalt

LAMARCHE GROUP

- Psammites, dolomite, iron formation, pelites
- INTRUSIVE ROCKS**
Granite, granodiorite, monzodiorite
Gabbro, peridotite, pyroxenite

NARSAJUAQ TERRANE

- INTRUSIVE ROCKS**
Tonalite, quartz diorite, granite, monzonite, syenogranite
- SUGLUK GROUP**
Semipelite, quartzite

ARCHEAN BASEMENT

- Granodiorite, granite, quartz diorite, tonalite, psammites, iron formation, pyroclastites, basalt

- Lithological contact
- Trust fault

- Mines

Figure 1C-2. Exploration projects in the Ungava Orogen for 2007. Modified from Lamothe (1996).

TABLE 1C - Mineral exploration projects in New Quebec, Torngat Orogens, core zone and Ungava Orogen in 2007

N ^{os}	FIGURE	NTS	A. R. COMPANIES / PROSPECTORS		PROJECTS	SUBSTANCES	WORKS ¹
New Quebec Orogen, figure 1C-1							
1	1C-1	24 C/07, 08	10	Areva-Québec	Minnowean	U	C, Pr, S, T
2	1C-1	24 C/08	10	Uranium Star Corporation / Virginia Mines Inc.	Sagar	U-Au	D(28:2500), Gs(sl), Gs(t), Gs(r), Pr, Rcd(97:1500)
3	1C-1	24 C/04, 08, 24 F/04	10	Waseco Resources Inc. / Areva-Québec	Extended Block III	U	Pr, S
4	1C-1	23 P/13	10	Nunavik Mining Exploration Fund / Virginia Mines Inc.	Champdoré	Cu-Au-Ag	C, Pr, S
5	1C-1	23 P/16, 24 A/01, 07, 08	10	Nunavik Mining Exploration Fund / Virginia Mines Inc.	Georges River	Au-U	Pr, S
6	1C-1	23 O/03	10	New Millennium Capital Corporation	KéMag	Fe	D(51:5073)
7	1C-1	24 C/16	10	Commerce Resources Corporation	Eldor Carbonatite	Nb-Ta	Gs(sl), Gs(t), GpMa(A,G), GpRa(A,G), Pr
8	1C-1	24 B/04, 05	10	Areva-Québec	Du Chambon	U	C, Pr, S
Core zone and Torngat Orogen, figure 1C-1							
9	1C-1	24 P, 24 I	10	Areva-Québec	Cage	U	E, G, GpMa(A), GpRa(A), Pr, S(6:2060)
10	1C-1	24 I/05, 06, 11, 12	10	Azimut Exploration Inc. / NWT Uranium Corporation	North Rae	U	D(8:562), G, GpMa(A), GpRa(A,G), Pr, S
11	1C-1	24 H/12, 24 G/09, 10, 15, 16	10	Azimut Exploration Inc. / Majescor Resources Inc.	South Rae	U	GpMa(A), GpRa(A), Gs(l), Pr, S
12	1C-1	14 D/05, 23 P/09, 10, 16, 24 A/06, 07, 08, 09, 11	10	Freewest Resources Canada Inc	Georges River	U	Pg
13	1C-1	24 A, G, H, I, P	10	Areva-Québec	Torngat	U	Pg, S
14	1C-1	23 N/16, 24 C/01, 02	10	Adriana Resources Inc.	Lac Otelnuuk	Fe	S(x: 5000)
15	1C-1	24 I/06, 07	10	Azimut Exploration Inc. / NWT Uranium Corporation	Daniel Lake	U	Gp(A), Gs(l), Pr
Ungava Orogen, figure 1C-2							
16	1C-2	35 H/11, 12	10	Xstrata Nickel	Raglan	Cu-Ni-Co-PGE	S(x:74509), G, GpEm(A, B),
17	1C-2	35 G/08, 09, 35 H/05, 06, 07	10	Canadian Royalties Inc.	Nunavik Nickel	Ni-Cu-Co-PGE	D(150:26348) FM, G, GpMa(A), GpEm(A, G), Pr, TE
18	1C-2	35 G/06	10	Goldbrook Ventures Inc.	Raglan	Ni-Cu-Co-PGE	D, GpEm(G)
19	1C-2	35 G/05, 06, 35 F/08	10	Anglo American Expl.(Canada) Ltd / Knight Resources Ltd	West Raglan	Ni-Cu-Co-PGE	D, GpEm(G)
20	1C-2	35 H/06, 11	10	Xstrata Nickel / Melkior Resources Inc.	Delta-Kenty	Ni-Cu-PGE-Co	Gp(A)

1. See the legend of abbreviations and the significance of italic and bold types in appendix II.

A. R. = Administrative region

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1D - Grenville Province

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The Grenville Province is the youngest tectonic province of the Canadian Shield; it extends along a northeast-trending axis for more than 2,000 km and averages 350 km in width. It is bounded to the northwest by the Grenville Front and to the southeast by the St. Lawrence River and the Paleozoic Appalachian orogens.

Southeast of the Front, Archean (Pontiac, Abitibi, Opatica, and Ashuanipi subprovinces) and Paleoproterozoic (Otish basin and Gagnon terrane) rocks form the Parautochthon. The latter consists of crust that initially formed the southeast margin of Laurentia and that was reworked, for the most part, during the Mesoproterozoic. The Allochthon, consisting of magmatic or accreted terranes, was later assembled onto the Parautochthon. The earliest terranes, recognized in the northeastern half of the Grenville Province, are Labradorian in age (1710-1600 Ma), followed by Pinwarian (1520-1460 Ma) rocks, which extend over most of the province. The most recent terrains are represented by an episode of crustal formation restricted to the southwest part of the province. They correspond to a juvenile tonalite-diorite assemblage assigned to the Lacoste, Mekinac and La Bostonnais magmatic suite (*ca.* 1.38 Ga).

Between accretionary episodes, extensional phases namely led to the formation of back-arc basins in the Mont-Laurier and Morin terranes, as well as the intra-arc basin filled by rocks of the Wakeham Group. Extensional phases are also associated with the emplacement of anorthositic and charnockitic complexes (AMCG). After the Shawinigan metamorphic event (1190-1140 Ma), during which the Mont-Laurier and Morin terranes were metamorphosed to the amphibolite-granulite facies, the main collision of the Grenvillian phase took place during the Ottawa orogeny (1080-1020 Ma). A final phase of compression, at about 1.0 Ga, appears to be essentially restricted to the area near the Grenville Front, whereas inside the orogen, this episode is marked by the emplacement of late anorthosites and discrete granitic intrusions.

From an economic standpoint, the Grenville Province is known for its architectural stone and industrial stone quarries as well as its industrial mineral deposits (see Chapter 2). It also hosts the Mont Wright iron ore mine and the Lac Tio titanium mine in the Côte-Nord region, as well as the Niobec niobium mine in the Lac-Saint-Jean region.

A few advanced exploration projects in the Grenville Province, where significant results were reported in 2007, are described below; the rest are briefly described in Table 1D. Figure 1D shows the location of exploration projects.

Laurentides and Lanaudière regions

In the Laurentides region, four companies searching for uranium deposits were active in 2007 (projects 5 to 8), while another carried out advanced exploration on a property hosting copper, gold, silver, uranium, iron, niobium, and rare earth elements (Project 11). A new company, active in the Laurentides region, staked claims covering many known zinc, lead, and silver occurrences (projects 1, 2, and 3). Along the boundary between the Lanaudière and Mauricie regions, a copper, gold, and silver occurrence was also investigated (Project 9).

In the Hautes-Laurentides region, on the Mont-Laurier property, **Nova Uranium Corporation** continued exploring for uranium in pegmatites (Project 7). The company completed geological mapping, trenching, channel sampling, ground radiometric surveys, a mineralogy study, and 56 drillholes totalling 4,975 metres on its properties hosting Zone 1, the North Bear zone, the South B zone, the Tom Dick North and South zones, and the OB zone. The OB zone property, covered with overburden, connects the Tom Dick North and Zone 1 mineralized properties. The results of a first drilling program in 2007 include 42.96 metres grading 0.026% U_3O_8 , 40.18 metres at 0.024% U_3O_8 , and 41.81 metres at 0.026% U_3O_8 . These results were obtained in Zone 1. The results of the second drilling program completed in August and September 2007, are pending. This program was conducted to test the extensions of Zone 1, confirm grades in the OB zone, and confirm historic uranium grades in the North Bear zone. In the same area, **Strateco Resources Inc.** completed 32 drillholes totalling 2,613 metres on its Mont-Laurier property (Project 6). Grades ranging from 0.05 to 0.10% U_3O_8 were reported.

About 100 km north of Mont-Laurier, **Niogold Mining Corporation** optioned a property held by **Ressources Maxima Inc.** and hosting Cu-Au-Ag-U occurrences and Fe hosted in magnetites. Niogold is searching for an IOCG-type deposit on the Pump Lake property (Project 11). Occurrences are hosted in rocks of the Lesueur alkaline Suite, discovered in 2002 during a mapping survey by the Ministère des Ressources naturelles (Nantel, RG 2003-01). At the time the option was concluded, best grades reported from the Melançon prospect were 4.27% Cu, 5.10 g/t Au, and 11.5 g/t Ag, and from the Carbonatite Stream occurrence, 0.14% U_3O_8 . In 2007, an airborne magnetic, electromagnetic and radiometric survey was conducted as well as stream sediment and soil geochemistry surveys, which led to the discovery of new uranium zones, with grades of 0.24% U_3O_8 on the Emma showing and grades ranging from 0.05% to 0.20% U_3O_8 on the Roxane prospect. Ground radiometric and magnetic surveys following up on

1D

airborne targets traced the radioactive zones over a strike length of 2.3 kilometres. Assay results of samples collected along these zones also revealed high niobium and rare earth element concentrations.

Témiscamingue Region

Matamec Explorations Inc. completed a new resource estimate on the Vulcain nickel-copper property (Project 16), located 165 km southeast of Val-d'Or. An indicated resource of 92,000 t grading 0.65% Cu and 0.63% Ni and an inferred resource of 513,000 t at 0.75% Cu and 0.64% Ni are reported. In the fall, the company completed an exploration program comprising ground EM and IP surveys, followed by drilling to test 18 targets delineated during an airborne Mag-EM geophysical survey conducted in 2004.

Côte-Nord Region

In May 2007, **Uracan Resources Ltd** announced significant uranium results on three showings (Double S, Lac Petit, and Lac Tanguay) on its North Shore property (Project 38). Fifty-eight drillholes were completed totalling 7,587 metres. Drillhole SS-07-29 intersected 24.3 m at an average grade of 0.036% U_3O_8 on the Double S occurrence. Uranium zones intersected in drillhole are associated with a pegmatite dyke sequence cross-cutting coarse-grained granites.

Jourdan Resources Inc. reported good surface results from its uranium property (Project 37) in the Wakeham sedimentary basin, located 70 km north of Havre-Saint-Pierre. Grab sample #436254 yielded a grade of 0.591% U_3O_8 . Uranium mineralization occurs in paragneiss beds intercalated with quartzite layers. A drilling program was underway at the end of 2007 to

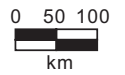
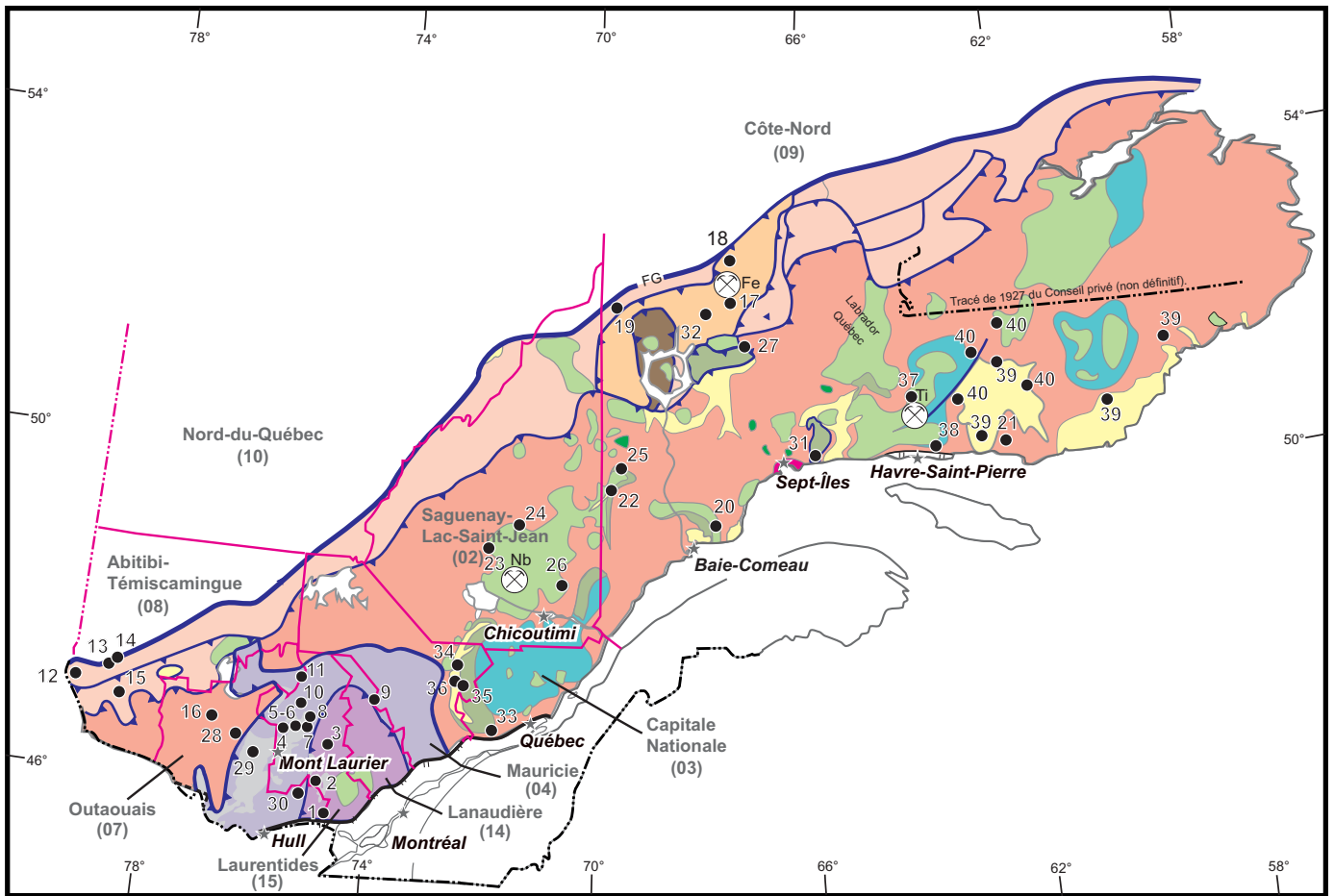
test four occurrences discovered on the property. Drillhole S-1 encountered 1.73 m grading 0.26 pound U_3O_8 per ton.

In the Basse-Côte-Nord region, near Baie-Johan-Beetz, **Entourage Mining Ltd** completed a 32-hole drilling program totalling 3,273 metres to test anomalies L, N, X, and Y on the Doran property (Project 21). Best results include a 16.99-m interval grading 0.0435% U_3O_8 in drillhole H17A, testing anomaly L. Uranium mineralization occurs in pegmatite dykes cross-cutting gneissic rocks.

On the Mouchalagane project (Project 19), **Manicouagan Minerals Inc.** completed a drilling program targeting the depth extensions of surface occurrences as well as a few electromagnetic anomalies. Several showings were identified on the property: Bob, Bob East, Feu, Corbeau, and Dernière Chance. Results on the Bob showing are particularly interesting, with a 0.16-m section grading 9.49% Ni, 0.07% Cu, 0.45% Co, 1.17 g/t Pt, and 7.88 g/t Pd in drillhole MCH-07-03.

The Fermont area is characterized by the presence of abundant iron ore deposits, among which the Mont Wright deposit, mined by the Québec Cartier Mining Company (QCMC). Near Lac Pepler, **Quinto Mining Corporation** continued exploration on satellite deposits adjacent to the Pepler Lake iron ore deposit (250 Mt at 28.2% iron). Recent work on the Lamelee property resulted in drill intercepts of 111 metres grading 35.02% iron (drillhole L-9-07), 114 metres at 30.69% iron (drillhole L-3-07), and 279 metres at 29.68% iron (drillhole L-5-07). At the end of 2007, **Consolidated Thompson Iron Mines Ltd** commenced construction work on the Bloom Lake property, located 13 km northwest of the town of Fermont (Project 18). In the spring, the company completed a feasibility study based on an annual production rate of 7 million tonnes of iron concentrate, a mine life of 34 years, and commercial production starting in late 2008.

1D



LITHOLOGIC LEGEND

- Sept-Îles Layered Igneous Complex
- Charnockite, mangerite, monzonite and granite
- Anorthositic suites
- Metamorphosed mafic igneous complexes
- Supracrustal rock belts
- Cac-silicate rocks
- Eclogitic AMGC suites

LITHOTECTONIC LEGEND

- Parautochton and External Allochton
- Polycyclic Allochton
- Lelukuau and Tshenukutish Terranes
- Gagnon Terrane
- Monocyclic Allochton
- Morin Terrane

- FG : Grenville Front
- : Tectonic Boundary (Ductile shear zone)
- : Tectonic Boundary (Thrust fault)
- : Normal Fault
- 3 : Project
- ⊗ : Mines

Figure 1 D. Exploration projects in the Grenville Province in 2007.

TABLE 1D - Exploration projects in the Grenville Province in 2007 (see figure 1D)

N ^{os}	TOWNSHIPS	NIS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
1	Grenville, Harrington	31 C/10, 15	15	Exploration Midland inc. / Breakwater Resources Ltd	Kilmar	Zn-Pb-Ag	Cs(sl)
2	Labelle, Clyde	31 J/02	15	Exploration Midland inc. / Breakwater Resources Ltd	Ski	Zn-Pb-Ag	Cs(sl)
3	Viel	31 J/10	15	Exploration Midland inc. / Breakwater Resources Ltd	Davis	Zn-Pb-Ag	Cs(sl)
4	Major	31 J/12, 13	15	Ressources Appalaches inc. / Quinto Technology Inc.	Cran Bornite	Cu	D (5:600), T
5	Décarie	31 J/14	15	Richmond Minerals Inc.	Ste-Anne-du-Lac	U	GpMa(G)
6	Décarie, Perodeau	31 J/14	15	Ressources Strateco inc.	Mont-Laurier	U	D (32:2613), P
7	Péroudeau, Leman, Franchère	31 J/14, 15	15	Nova Uranium Corporation	Mont-Laurier	U±Mo	Emi, D (56:4975), G, Cs(r), GpRa(G), S, T
8	Leman	31 J/14, 15, 31 O/02, 03	15	Consolidated Pacific Bay Minerals Ltd	Mont-Laurier	U	GpRa(G), T
9	La Poterie, Galifet	31 O/01, 08, 31 P/04, 05	04, 14	SOQUEM INC. / Exploration Midland inc.	Vermillon	Cu-Au-Ag	GpEm(G), GpMa(G), T
10	Chopin	31 O/03	15	Ressources Maxima inc. / Mengold Resources Inc.	Mountain River	Cu-Ni	G, Cs(r), Gs(s), S
11		31 O/06	15	Nirogold Mining Corporation / Ressources Maxima inc.	Pump Lake	Cu-Au-Ag-U-Fe-Nb-REE	Gs(s), Gs(sl), GpEm, GpMa, GpRa(G), P, S
12	Mazenod	31 M/03	8	Kinbauri Gold Corp.	Laniel	Diamonds-Pt-Pd	TE
13	Blondeau	31 M/07	8	Ressources Covedex inc.	Lac Pleau	Diamonds-Cu-Zn-Ni-Cr-Co-Fe-Ti-U-REE	Pr, G, S, GpEm, GpRa
14	Blondeau, Guillet, Bellefeuille, La Noue	31 M/07	8	Ressources Covedex inc.	Lac Diamant	Diamonds-Cu-Zn-Ni-Cr-Co-Fe-Ti-U-REE	Pr, G, S, GpEm, GpRa
15	Booth, McLachlin, Senezergues	31 L/15, 16, 31 M/01, 02	8	Aurizon Mines Ltd	Kipawa	Au-U-REE	GpMa, GpEm, Cs(t), Cs(sl), Pr
16	Hainaut	31 K/15	7	Matamec Exploration inc.	Vulcain	Cu-Ni-Co-PGE	Re
17	Faber, Malapart, Thury	23 B/05, 06	9	Quinto Technology Inc.	Lac Peppier	Fe	D (?;?)
18	Lislois, Normanville	23 B/14	9	Consolidated Thompson Iron Mines Ltd	Lac Bloom	Fe	FM
19		23 C/04	9	Manicouagan Minerals Inc.	Mouchalagane	Cu-Ni-Pt-Pd	D (25:2048), T, S
20	Fafard, Franquelin, Godbout	22 C/05, 12	9	Ressources Appalaches inc.	Ashini	U	Pr, T, S
21	Costebelle	12 L/08	9	Entourage Mining Ltd / F. Yacoub	Doran	U-Th	D (32:3273)
22		22 F/13	9	Ressources Appalaches inc. / Quinto Technology Inc.	B-100	Cu-Ni	Pr, S, GpEm
23		22 E/05	2	9157-2222 Quebec inc.	Brule Neige	Ni-Cu-Co	GpMa(A), GpEm(A)
24		22 E/14	2	9157-2222 Quebec inc.	Chutes des Passes	Ni-Cu-Co	GpMa(A), GpEm(A)

TABLE 1D - Exploration projects in the Grenville Province in 2007 (see figure 1D)

N ^{os}	TOWNSHIPS	NIS	A. R.	COMPANIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
25		22 K/03	9	9157-2222 Quebec inc.	Outardes	Ni-Cu-Co	GpMa(A), CpEm(A)
26		22 D/10	2	9157-2222 Quebec inc.	Lac Le Marie	Ni-Cu-Co	GpMa(A), CpEm(A)
27		22 O/10	9	9157-2222 Quebec inc.	Lac Mitaine	Ni-Cu-Co-Pt-Pd-Au	GpMa(A), CpEm(A)
28		31 K/08	7	J. Frigon	Moly	Mo	Pr
29	Wright, Northfield, Bouchette, Egan	31 J/04, 31 K/01, 08	7	Exploration Midland inc. / Breakwater Resources Ltd	Zone A, Blue Sea, Hall, Langevin	Zn	Pr
30		31 C/14, 15	7	Pacific NorthWest Capital Corp. / SOQUEM INC.	Cheneville	Pt-Pd	GpMa(A), CpEm(A), Pr, S
31		22 I/05	9	Fancamp Exploration Ltd	Lac Méchant	Ni-Cu	GpEm(A)
32			9	Fancamp Exploration Ltd / Sheridan Platinum Group Ltd	Iron Properties	Fe	Gp(A)
33	Portneuf	21 L/12, 13	3	Nova Uranium Corporation	Lafortune	U	S, GpRa(G)
34		31 P/09	4	Société d'exploration minière Vior inc. / CVRD Inco	Lac Édouard	Ni-Cu	GpEm(A)
35	Bikerdicke	31 P/09	4	Société d'exploration minière Vior inc.	Rochette-Savane	Ni-Cu	GpEm(A), Pr
36		31 P/09	4	Société d'exploration minière Vior inc.	Bourgeoys	Ni-Cu	GpEm(A), Pr
37		12 L/14, 12M/03	9	Ressources Jourdan inc.	Wakeham	U	D (4:?), Gc(ro)
38		12 L/08	9	Uracan Resources Ltd	North Shore	U	D (58:7587)
39		12 J, 12 K, 12 L, 12M, 12 N, 12 O	9	Azimut Exploration Inc. / Kennecott Exploration Company	Grenium	U	GpMa(A), GpRa(A), Gs(sl), Gs(r)
40		12 L/15, 12 L/16, 12 M	9	Azimut Exploration Inc. / D'Arianne Resources Inc.	Havre Nord	U-REE	Gs(r)

1. See the legend of abbreviations and the significance of bold type in appendix II.

A. R. = Administrative region

1D

1E - St. Lawrence Platform and Appalachians

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The St. Lawrence Platform and the Appalachians are located mostly south of the St. Lawrence River (Figure 1E). These entities correspond to two geological provinces consisting primarily of Paleozoic rocks. The St. Lawrence Platform overlies the Grenvillian basement along an erosional unconformity. The boundary between the two provinces is marked by Logan's Line (LL). The geological provinces are subdivided into tectonostratigraphic domains. The St. Lawrence Platform geological Province comprises, from northwest to southeast, two domains ranging from Cambrian to Silurian in age: the Autochthonous Domain and the Parautochthonous Domain. The Appalachian Province is also subdivided, from northwest to southeast, into three domains: the Cambro-Ordovician Domain, which includes the Humber and Dunnage zones separated by the Baie Verte-Brompton Line (BVBL), the Siluro-Devonian Domain restricted to the Gaspé Belt, and finally, the Permo-Carboniferous Domain, which includes the Magdalen Basin.

With regards to exploration activities in the St. Lawrence Platform and Appalachians, 18 projects were brought to our attention in 2007 (Table 1E, Figure 1E). More advanced projects and projects where metal grades were determined are described below.

Exploration Activities

In the Estrie administrative region, **Midland Exploration Inc.** acquired an important claim block on the Weedon property (Project 4, Table 1E, Figure 1E), which hosts several former Cu-Zn-Pb-Au mines (Weedon, Solbec and Cupra-d'Estrie). In 2006, a new occurrence was discovered with grades of 1.4% Cu, 4.6% Pb, 13.5% Zn, 208 g/t Ag, and 4.19 g/t Au over 1.1 metre. These Kuroko-type massive sulphide deposits are hosted in rocks of the Upper Ordovician Ascot-Weedon volcanic belt. The Weedon property, now optioned by **Breakwater Resources Ltd.**, shows many similarities with the Bathurst mining camp in New Brunswick.

In the Chaudière-Appalaches region, **Golden Hope Mines Ltd** continued exploration work on the Bellechasse property (Project 7), on both side of the Baie Verte-Brompton Line (BVBL). Mineral occurrences are hosted in gabbroic sills emplaced in Ordovician sedimentary rocks of the Magog Group.

During the Taconian Orogeny, the gabbros were fractured and injected with quartz-carbonate-sulphide-gold veins. Two of the eighteen drillholes completed in July and August 2007 intersected the Timmins 2 zone, with grades of 7.51 g/t Au over 6.45 metres, including 34.8 g/t Au over 1.09 metre, as well as 1.85 g/t Au over 18.78 metres, including 4.07 g/t Au over 5.02 metres. Along the Ascot Vein, 68 trench samples ranging from 7 to 37 kg each, yielded assays ranging from 0 to 34 g/t per sample, whereas the weighed average gold content ranges from background values (150 ppb) to 4.38 g/t.

In the Gaspésie region, **Threagold Resources Inc.** is conducting exploration work in the Lemieux Dome (Project 16), a Siluro-Devonian subcircular structure that hosts epithermal occurrences in Upper Gaspé Limestones. The company drilled 31 holes totalling 7,000 metres to test 11 distinct surface mineral occurrences. The main drilling target, where 12 holes were drilled, tested a fault in the Big Pioneer Zone on the Gasse property, where 6 representative grab samples collected over a 21-metre interval in a trench yielded average grades of 1.16% Cu, 3.39% Zn, and 6.18 g/t Ag, with best results at 4.16% Cu, 8.16% Zn, and 11.3 g/t Ag. The samples were collected from quartz veins. In the Brandy North zone on the Gasse property, assay results from 32 representative grab samples collected over a 27-metre interval in a trench yielded average grades of 3.06% Cu and 5.17 g/t Ag, going up to 23% Cu and 51.3 g/t Ag. These results come from a folded and silicified shear zone.

First Source Resources Inc. is working on another project in the Gaspésie region, the Lac des Pics property (Project 18), located 22 km south of the village of Mont-Saint-Pierre and 22 km west-northwest of Murdochville. Occurrences are hosted in quartz veins and a breccia unit, at the base of Cambro-Ordovician basalts of the Des Pics Unit and along the contact with clastic sedimentary rocks of the Rivière Ouelle Formation. In 2007, trenches were excavated over a strike length of 100 metres, across a width of 2 to 4 metres and to a depth of 2 metres, to expose Vein No. 1 and Vein E. Along Vein No. 1, characterized by Pb-Sb-Au-Ag mineralization, 11 out of 23 grab samples yielded grades above 3 g/t Au, whereas 5 trench samples collected in the northern part of the vein yielded assays ranging from 0.2 g/t to 1.1 g/t Au. Along Vein E, 9 out of 27 grab samples yielded grades ranging from 1.12% to 5.86% Cu.

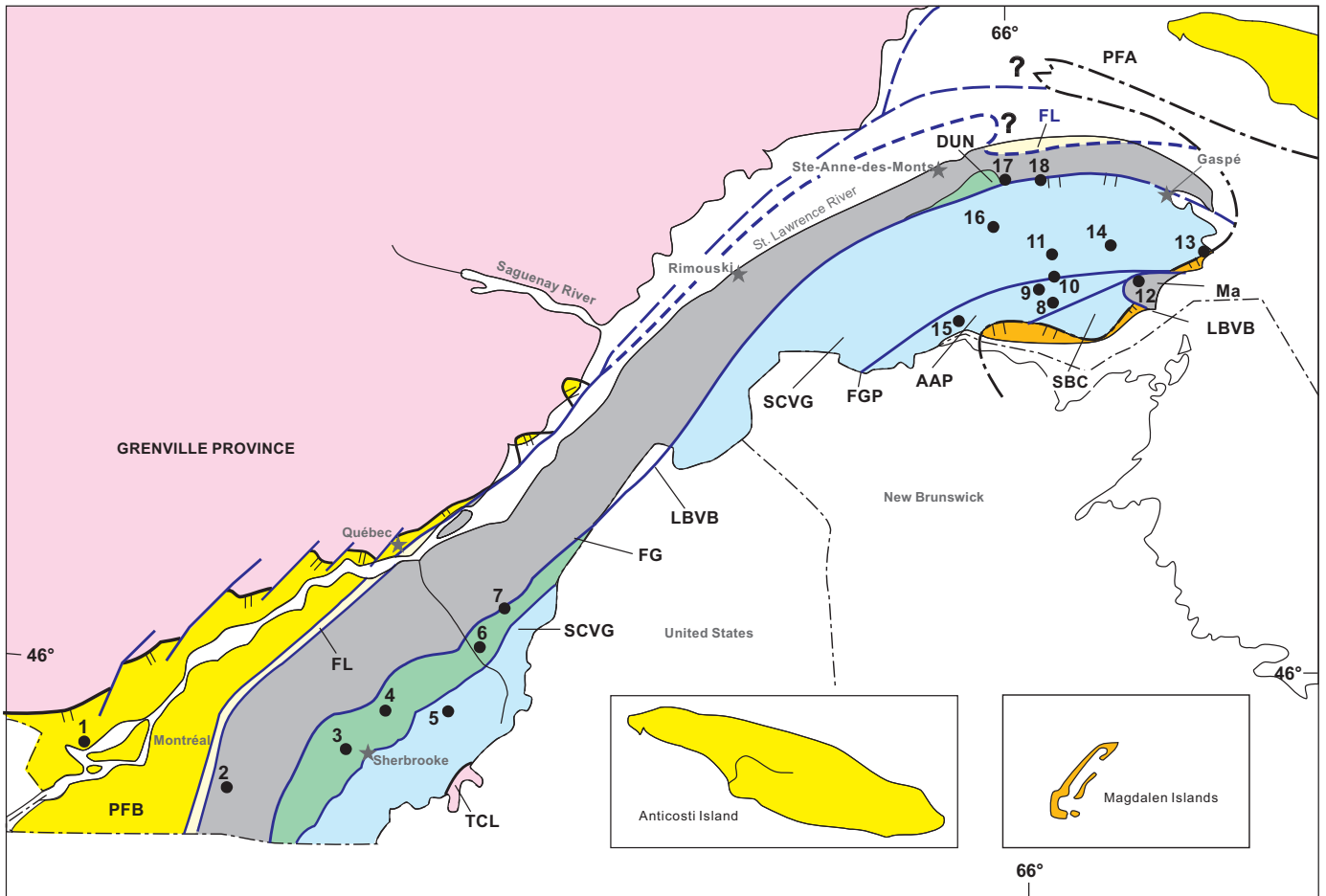
Prospectors R. Lelièvre and M. Boudreau were active in the Gaspésie region. Among their projects, four are investigating mudrocks, sandstones and conglomerates of the Garin Formation (projects 8, 9, 10, 11). These rocks are intruded by granite and affected by the Harriman fault, which translates into the presence of silicified breccias and quartz veins with Au and Au-Sb occurrences. Best results from grab samples include 2.6 g/t Au and 2.06% Sb on the Harriman Centre-Sud

1E

property; 3.4 g/t Au and 2.32% Sb on the Harriman Centre property; 2.7 g/t Au and 2.83% Sb on the Harriman Centre-Nord property; and finally, 1.6 g/t Au on the Harriman Nord-Est property. Partners Lelièvre and Boudreau are also working on the Barachois Cannes-de-Roches property (Project 13), in Carboniferous rocks of the Cannes-de-Roches Formation, over-

lying Ordovician to Devonian sedimentary formations along an angular unconformity. Pb, Zn, and Cu-rich sulphides, as well as U, Cr, and V-rich oxides are hosted in m-scale beds of conglomerate. Best results from grab samples include 5.24% Zn and 0.72% Cu in one zone, and 8.75% Pb, 0.25% U, 26.2 g/t Ag, 0.46% Zn, 1.0% Cr, and 1.0% V in another zone.

1E



APPALACHIAN

- Magdalen Basin (Permo-Carboniferous)
- Gaspé belt (Upper Ordovician-Devonian)
- Dunnage Zone (Cambro-Ordovician)
- Humber Zone (Cambro-Ordovician)

ST. LAWRENCE PLATFORM

- Subautochthonous (Ordovician)
- Autochthonous (Cambro-Ordovician)
- Precambrian

- Fault
- Erosionnal unconformity
- Boundary

Abbreviations:

- AAP:** Aroostook-Percé anticlinorium
- DUN:** Dunnage zone
- FGP:** Grand Pabos fault
- FL:** Logan fault
- FG:** Guadeloupe fault
- LBVB:** Baie Verte-Brompton line
- Ma:** Maquereau-Mictaw window
- PFA:** Anticosti platform
- PFB:** St. Lawrence Lowlands platform
- SBC:** Baie des Chaleurs synclinorium
- SCVG:** Connecticut Valley-Gaspé synclinorium
- TCL:** Chain Lakes terrane

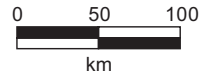


Figure 1E. Exploration projects over the St. Lawrence Platform and the Appalachians for 2007.

TABLE 1E - Exploration projects over the St.Lawrence Platform and the Appalachians for 2007 (see figure 1E)

N ^{os} .	TOWNSHIPS	NITS	A. R.	COMPAGNIES / PROSPECTORS	PROJECTS	SUBSTANCES	WORKS ¹
1	(Lac-des-Deux-Montagnes)	31 G/09	15	Niocan inc.	Niobium/Oka	Nb	Env.
2	Dunham	31 H/02	16	K. E. Heusser	-	Au	D(2:78)
3	Ascot	21 E/05	05	Silver Capital-AG / Entreprises Minières Globex inc.	Suffield	Zn-Cu-Pb-Ag-Au	GpEl
4	Lingwick, Stratford, Weedon	21 E/11, 14	05	Exploration Midland inc. / Breakwater Resources Ltd	Weedon	Cu-Pb-Zn-Au-Ag	Gp(A), T
5	Dorset, Gayhurst	21 E/15	05	Entreprises Minières Globex inc.	Gayhurst Moly	Mo-Cu-Au	GpEl
6	St-François (Beauce), Aubin de l'Isle	21 L/02, 07	12	Fancamp Exploration Ltd	Beauce	Au	G, Gp(A), Pr, S
7	Bellechasse, Langevin, Panet, Ware	21 L/07, 08, 09	12	Golden Hope Mines Ltd	Bellechasse	Au	S(18:x), S, T
8	New Richmond	22 A/04	11	R. Lelièvre / M. Boudreau	Harriman Centre-Sud	Au-Sb-Zn	G, Pr
9	New Richmond	22 A/04, 05	11	Mines Caspédia inc. / R. Lelièvre / M. Boudreau	Harriman Centre	Au-Sb	Pr
10	Flahault, New Richmond	22 A/05	11	FRAPMGIM / R. Lelièvre / M. Boudreau	Harriman Centre-Nord	Au-Sb-Zn	Pr, S
11	Flahault	22 A/05	11	R. Lelièvre / M. Boudreau	Harriman Nord-Est	Au-Sb	G, Pr
12	Randin, Weir	22 A/06, 07	11	R. Lelièvre / M. Boudreau	BBL Grand-Pabos	Ni-Cu-Pt-Pd-Zn-Au-Ag-Cr-Mo	G, Pr
13	Malbaie	22 A/09	11	FRAPMGIM / R. Lelièvre / M. Boudreau	Barachois Cannes-de-Roches	U-Pb-Zn-Cu-Ag-Cr-V-Au-Se-Y	Pr
14	Randin, Vondenvelden	22 A/11	11	Ressources Metco inc. / Regal Consolidated Ventures Ltd	Mont de l'Observation	Cu	D(9:1266), Cs
15	Nouvelle	22 B/02	11	R. Lelièvre / M. Boudreau	Escuminac Cuivre Natif	Cu	Pr
16	Lemieux, Richard	22 B/09, 16	01, 11	Ressources Threegold inc.	Dôme Lemieux	Cu-Zn-Pb-Ag	S(31:7000), S, T
17	Christie	22 G/01	11	Matamec Explorations inc.	Valmont	Au	Gs(sl)
18	Boisbuisson	22 H/04	11	First Source Resources Inc.	Lac des Pîcs	Cu-Au	S, T

1. See the legend of abbreviations and the signification of italic and bold type in the appendix II.

A. R. = Administrative region

Chapter 2

Architectural Stone, Industrial Minerals, Industrial Stone and Peat

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Exploration53

Architectural Stone

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Production

Figure II in Appendix I shows the location of architectural stone quarries active in Québec in 2007. Table II in Appendix I provides a brief description of each operation.

In the field of architectural stone, 98 active quarries were inventoried in 52 different areas. With 16 quarries in operation, the Rivière-à-Pierre area (NTS 31 I/16 and 31 P/01) remains the most important mining camp in the dimension stone industry. The Saint-Nazaire (NTS 22 D/12) and Saint-Alexis-des-Monts–Saint-Didace (NTS 31 I/06) areas were also quite active, with six and five quarries respectively. In 2007, no new architectural stone quarry was brought into production in Québec.

During the year, **Rocamat SA**, a public company (Euronext Paris market) operating 35 limestone quarries and 10 natural stone processing plants in France, concluded the acquisition of the entire share capital of **Polycor Inc.** This consolidation creates a group with more than 1,100 employees and a combined turnover of CAN\$200 million. Both companies will continue operating independently.

Exploration

Figure 2.1 shows the location of the 21 projects where exploration and development work took place in 2007. Project descriptions are listed in Table 2.1. The total number of projects in 2007 was relatively low compared to previous years.

In the vicinity of renowned quarries in Saint-Marc-des-Carières, **Granitor Inc.** continued its drilling program in limestone outcrops of the Deschambault Formation launched in previous years. The company succeeded in locating a 5-m-thick mineable limestone bed, located 4 m below surface. Northeast of Mistassini, **Granit C. Rouleau Inc.** opened a quarry face to assess the potential of a greenish grey, coarse-grained porphyroid mangerite. The dark stone exhibits a few bluish feldspar phenocrysts. After acquiring the mining rights for Olivier Perron's former property located north of Saint-Ludger-de-Milot, **A. Lacroix et Fils Granit ltée** commenced exploration work on a purple iridescent anorthosite of the Lac-Saint-Jean anorthositic Suite. **Polycor Inc.** carried out on-site exploration work in many of its quarries in the Côte-Nord, Saguenay–Lac-Saint-Jean, Mauricie, and Estrie regions. The company also performed sampling and polishing tests on a greyish black calculutite of the Wallace Creek Formation in Saint-Armand.

Industrial Minerals, Industrial Stone, and Peat

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Production

Figure III in Appendix I shows the location of active quarries and mines for industrial minerals and stone, as well as producing peatlands in Québec. Table III in Appendix I provides a brief description of each operation.

Industrial minerals and stones produced in Québec in 2007 include: chrysotile asbestos, ilmenite and titanium slag, graphite, mica, rock salt and brine, clay minerals, peat, silica, as well as limestone, dolomite, and marble.

Chrysotile asbestos is extracted in three mines in the Estrie region. Ilmenite and titanium slag are produced at the Lac Tio mine, north of Havre-Saint-Pierre. Flaky graphite is mined at the Stratmin mine in Lac-des-Îles, south of Mont-Laurier, and mica at the Bédard mine in Suzor Township, northwest of La Tuque in the Mauricie region. Rock salt is extracted at the Seleine mine in the Îles-de-la-Madeleine, whereas brines are produced from five wells in the Bécancour area. Shales are quarried in the Montréal area and are used to manufacture bricks.

The main sources of silica are: quartzite (5 quarries), sandstone (4 quarries), and natural sand (2 operations). Limestone, dolomite, and marble are mined for industrial purposes in more than 15 quarries. Depending on their chemical or physical characteristics, they are used to produce quick lime (3 operations), various aggregate products (liming material, mineral fillers, granules), or cement (3 producers).

In 2007, fifteen peat producers were active in Québec, in 35 peatlands located for the most part in the Bas-Saint-Laurent, Côte-Nord, and Saguenay–Lac-Saint-Jean regions. For the sixth consecutive year, the peat-harvesting season was exceptionally late in starting. The production rate was heavily impacted by unfavourable weather conditions throughout the season. By mid-September, most producers had barely reached 50% of their production objectives. Weather conditions prevailing from that time on prevented most producers from reaching (by far) their annual production targets.

Exploration

In the industrial mineral sector, **Exploration Orbite VSPA Inc.** completed a series of drillholes to test the Grande-Vallée red clay deposit located northeast of Murdochville (in the Gaspésie region), in order to delineate ore reserves. The com-

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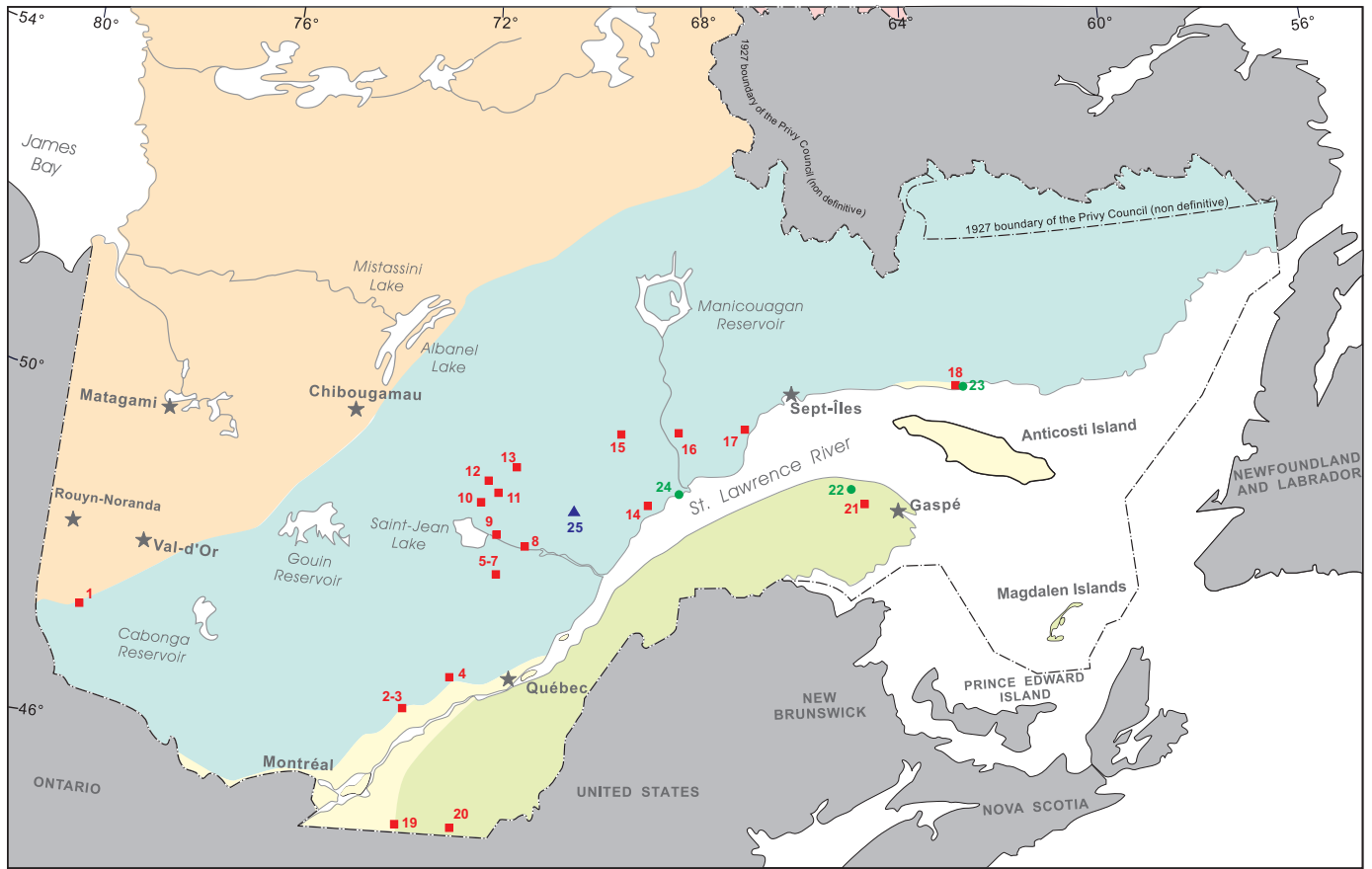
pany is also planning for 2008, a pilot project to extract high-purity alumina from the red clay deposit.

Near Havre-Saint-Pierre in the Côte-Nord region, **Ressources Dolomag Inc.** sampled a dolomitic unit of the La Romaine Formation. The company also conducted a market study regarding the use of dolomite as mineral filler.

Near Pointe-aux-Outardes in the Côte-Nord region, **Argile Eau Mer Inc.** continued work on a marine clay deposit over-

lain by peatlands. The company proceeded with sampling and laboratory analyses and the development of a new extraction process. Moreover, the company plans to set up, in 2008, a pilot plant to process the marine clay.

East of Lac La Flamme in the Monts Valin area, Saguenay region, prospector Gilles Bouchard continued exploration work on a garnet deposit associated with paragneisses and diatexites. The main objective of the project is to use the garnet to manufacture sandpaper.



- Architectural stones
- Industrial stones
- ▲ Industrial minerals

GEOLOGICAL PROVINCES

- St. Lawrence Platform
- Appalachians
- Grenville
- Superior
- New Québec and Torngat orogens, Rae Province and Ungava Trough

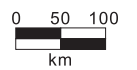


Figure 2. Exploration work for architectural stone, industrial minerals and stones in Québec in 2007.

TABLE 2.1 - Exploration work in Quebec for architectural stone in 2007 (see figure 2.1)

N ^{os}	NTS	MINING TITLE	A. R.	HOLDER	USE ¹	TYPE OF WORK ¹	DETAILS
1	31 M/07	16 CDC in McGillivray lake sector	8	Ressources Covedex Inc.	DS	Bs, G, Pr, Pt, T	Nero Canadensis Assoluto project, black diabase, fine grain
2	31 I/06	No	4	<i>Polycor Inc.</i>	DS	G, T	Newton Brown variety, brown quartz mangerite
3	31 I/06	BEX 174	4	<i>Polycor Inc.</i>	DS	G, T	Newton Brown variety, brown quartz mangerite
4	31 I/09	No	3	Granikor Inc.	DS	D	Saint-Casimir project, limestone, Deschambault Formation
5	22 D/04	CDC 2025497 to 2025499, 2131150	2	2843 0007 Québec Inc.	DS	D	Lac Morin project, green mangerite
6	22 D/04	CDC 97299 to 97305	2	2843 0007 Québec Inc.	DS	B, Pt	Lac de la Niche or Lac Scott project, green farsundite, blue quartz
7	22 D/04	CDC 97311 to 97313, 97315, 97317 to 97318, 2131151 to 2131154	2	2843 0007 Québec Inc.	DS	B, D, Pr, Pt	Sawine project, green mangerite
8	22 D/07	No	2	<i>Polycor Inc.</i>	DS	G, T	<i>Polychrome variety, brown farsundite</i>
9	22 D/12	BM 705	2	<i>Polycor Inc.</i>	DS	G, T	<i>Cambrian Black variety, black leucogabbroanorthosite</i>
10	22 D/13	CDC 2049392 to 2049393	2	Granit C. Rouleau Inc.	DS	Bs, Pt	Granit Vert project, green mangerite with iridescent reflects
11	22 E/04		2	Granit C. Rouleau Inc.	DS	Bs, Pt	Chemin des Passes project, black anorthosite, medium grain
12	22 E/04	CDC 2029818 to 2029821	2	A. Lacroix et Fils Granit Ltée	DS	T	Perron project, bluish mauve anorthosite
13	22 E/06	BEX 402	2	<i>Polycor Inc.</i>	DS	G, T	<i>Kodiak project, gabbroic anorthosite, brownish black</i>
14	22 C/15	CDC 2039339 to 2039342	9	Association des Prospecteurs amateurs de la Haute-Côte-Nord	DS	B, Pr, Pt	Colombier project, green porphyroclastic charnockite
15	22 F/14	BEX 490	9	Granijem Inc.	DS	D	Nordic Frost project, brownish beige granodiorite
16	22 F/16	CDC 1116911	9	Gemme Manicouagan	DeS, DS	T	Marbre Manicouagan project, fault gouge, epidotized, chloritized and hematized
17	22 G/14	BEX 155	9	<i>Polycor Inc.</i>	DS	G, T	<i>Nordic Black variety, black anorthosite</i>
18	12 L/03, 12 L/06	CDC 49281 to 49283, 49285 to 49290, 49293, 49295, 2000037 to 2000049, 2000052 to 2000061, 2002681 to 2002687	9	Ressources Dolomag Inc. (6765904 Canada Inc.)	DS	B, Pr, Pt	Dolomie Havre-Saint-Pierre project, dolostone, Romaine
19	31 H/03	No	16	<i>Polycor Inc.</i>	DeS, DS	Bs, Pt	Wallace Creek project, calcilutite, Wallace Creek Formation
20	31 H/01	No	5	<i>Polycor Inc.</i>	DS	G, T	Stanstead Grey variety, grey granodiorite
21	22 A/14	CDC 93597 to 93598	11	FRAPMGIM	BS	G	Projet Les Calcaires Beaujeu - Fletcher project, siliceous limestone, York Lake Formation

1. See abbreviation list in appendix II

A. R. = Administrative region

TABLE 2.2 - Exploration work in Quebec for Industrial minerals and stones for 2007 (see figure 2.1)

N^{os}	TOWNSHIPS (SEIGNIORIES)	NTS	A. R.	COMPANIES \ PROSPECTORS	PROJECTS	SUBSTANCES	WORKS¹
22	Le François	22 H/03	11	Exploration Orbite VSPA inc.	Grande Vallée	Alumina Clay	D(40:3222), G, T, S
23	Beaussier et Courtemanche	12 L/03 12 L/06	9	Ressources Dolomag inc. # 80212	Dolomie-Havre St-Pierre	Dolomite	G, S, FM
24	Manicouagan	22 F/01	9	Argile Eau Mer Inc.	Argile marine sensible	Clay	Ct, S
25	Non désigné	22D/16	2	Gilles Bouchard	Monts Valin	Garnet	Pr

1. See abbreviation list in appendix II

A. R. = Administrative region

Chapter 3

Geoscience projects at Géologie Québec

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Grenville Province and Appalachians61
Quaternary Geology.....61
Geochemistry and Geophysics.....62
Exploration Targets.....62

Geoscience projects at Géologie Québec

Sylvain Lacroix, *P.Geo., Director*
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Serge Perreault, *P.Geo.*
Direction générale de Géologie Québec

The amount of work conducted by the Ministère des Ressources naturelles et de la Faune (MRNF) in terms of new geoscience data acquisition should remain fairly significant over the coming years. During its *2007-2008 Budget Speech* delivered on May 24, 2007, the Québec government granted \$21M in additional credits to Géologie Québec over three fiscal years, i.e. \$7M for each of the following: 2007-2008, 2008-2009, and 2009-2010. These funds will be used to target strategic geographic areas for exploration work and to promote the mineral potential of Québec's regions. Interventions in 2007 (Figure 3) represent, for the most part, the continuation of projects launched in 2006, and reflect priorities already defined in the Copper Plan for Québec's Northwest and in three-year plans produced for various geological regions of Québec.

Copper Plan

For the second consecutive year, Québec's Northwest was the focus of an extensive geoscience program designed to promote exploration and the discovery of new ore deposits that could supply copper concentrate for the Horne smelter in Rouyn-Noranda. Conducted in partnership with the Ontario Geological Survey (OGS), the Geological Survey of Canada (GSC), and other industry, university, and regional stakeholders, this geoscience work was also intended to build networking among all available human resources.

The Rouyn-Noranda area offers great potential for the discovery of copper ore deposits and as such, has been the focus of many multidisciplinary projects, including new inventories in the western Blake River Group. This work was conducted, on either side of the Québec-Ontario border, by MRNF and OGS geologists. Metallogenic studies were completed along the Cadillac Fault and in the Malartic Group to test for the potential extension into Québec of units hosting the giant Kidd Creek ore deposit located near Timmins in Ontario. Three dimensional (3D) modelling along the Cadillac Fault and in the Blake River Group, to clarify the deep-seated mineral potential, as well as many thematic studies (geochronology, structural geology, ore deposit studies, etc.) complemented previously cited projects.

During the winter of 2007, the MRNF and GSC completed the first phase of an overburden and bedrock drilling project in the Rivière Octave area. Located between Amos and Lebel-sur-Quévillon, this project is designed to shed some light on

the geology of a highly prospective area that namely hosts the Sleeping Giant and Langlois ore deposits, but that remains underexplored due to a thick cover of Quaternary sediments and a lack of exposed bedrock.

Near Chibougamau, fieldwork was carried out during the summer in order to update several geological maps in this area with strong copper potential. The region was recently covered by a MEGATEM airborne geophysical survey by the Geological Survey of Canada, within the scope of the Targeted Geoscience Initiative TGI-3. A 3D model of the southern limb of the Lac Doré Complex completes the work program in this area.

In the James Bay region, Géologie Québec continued geological mapping at 1/50,000 scale in the Opinaca area. The area mapped in 2007 is located to the west of Opinaca Reservoir, north of Rivière Eastmain. The results of work conducted over the last two years outline a favourable potential for porphyry-type occurrences, gold-rich volcanogenic massive sulphides, gold associated with deformation zones or contact zones between sedimentary and volcanic sequences, epigenetic occurrences associated with metasomatic veining, iron formation-hosted occurrences, and rare elements in white pegmatites.

A favourability study of the potential for orogenic (or mesothermal) gold deposits in the Baie-James region was completed. The study resulted in the definition of 118 unstaked targets with high-favourability for gold potential. The gold favourability map is displayed on GESTIM and is available from the MRNF website.

Far North

Geological mapping at 1/250 000 scale was performed in the Rivière Sérigny map area (23N). The survey also covered the western third of the Lac Cambrien map sheet (24C), located directly north of the former. This survey complete the mapping coverage of the Far North program, previously conducted in Nunavik between 1998 and 2004.

Grenville Province and Appalachians

Located along the north shore of the St. Lawrence River, the Grenville Province was the focus of many different projects in 2008. In the Côte-Nord region, the area west of Baie-Comeau was mapped at 1/125,000 scale. A pilot project aimed at assessing the potential for all mineral resources (metals, stone, aggregate, peat, etc.) was conducted in the Saguenay-Lac-Saint-Jean region.

A project to assess the potential for dimension stone in the Grenville Province and Appalachians was carried out in central and eastern Québec (Portneuf, Charlevoix and Bas-Saint-Laurent).

Quaternary Geology

The Côte-Nord, Bas-Saint-Laurent, and Capitale-Nationale (Québec) regions were the focus of a compilation study of unconsolidated sediments and erosional features.

Geochemistry and Geophysics

A regional lake bottom sediment survey was completed in the fall of 2007. This survey covers a surface area of 21,500 km² located to the west and north of Sept-Îles, in the Côte-Nord region. The goal is to identify new exploration targets in order to stimulate mineral exploration in this part of the Grenville Province.

During the fall, the MRNF completed a high-resolution ground gravity survey covering the western Blake River Group in the Abitibi region, whereas the Geological Survey of Canada (GSC) completed a similar survey in the eastern part of the same geological unit. Following consultations with the mining industry, the coverage was expanded to include the entire Blake River Group, in order to address regional priorities defined within the Copper Plan and the Targeted Geoscience Initiative TGI-3. The new gravity coverage, jointly completed by the MRNF and the GSC, should provide a better portrait, in three dimensions, of the volcanic and plutonic architecture of the Blake River Group and help define new exploration targets in the Rouyn-Noranda mining camp, Québec's most prolific copper district.

Exploration Targets

Fieldwork by the MRNF during the summer of 2007 also led to the definition of 65 new targets for base and precious metal exploration, dimension stone, and construction materials in the Nord-du-Québec, Abitibi-Témiscamingue, Côte-Nord, Capitale-Nationale, Saguenay-Lac-Saint-Jean, and Bas-Saint-Laurent regions.

Location of Projects 2007-2008	
PROGRAM – MAY 2007	
1	Drilling – Octave River
2	Mapping – Opinaca Reservoir
3	Mapping – Chibougamau
4	Mapping – Blake River Group
5	Study – Malartic Group
6	Metallogeny – Cadillac Ouest Fault
7	Mapping – Labrieville area
8	Evaluation of the potential for architectural stone
9	Evaluation of the potential of the Saguenay – Lac-Saint-Jean area
10	Aggregates inventory – Saguenay – Lac-Saint-Jean area
11	Mapping – Pons River
16	Assessment of the potential for orogenic gold deposits in the Baie-James area
OTHER SURVEYS	
12	Lake-bottom-sediment survey – Sept-Îles
13	Ground gravity survey – Blake River Group
14	Airborne gravity survey – Harricana – Turgeon Belt
15	Aeromagnetic survey – Baie-James area

Figure 3. Legend of the location map of geosciences projects for 2007-2008.

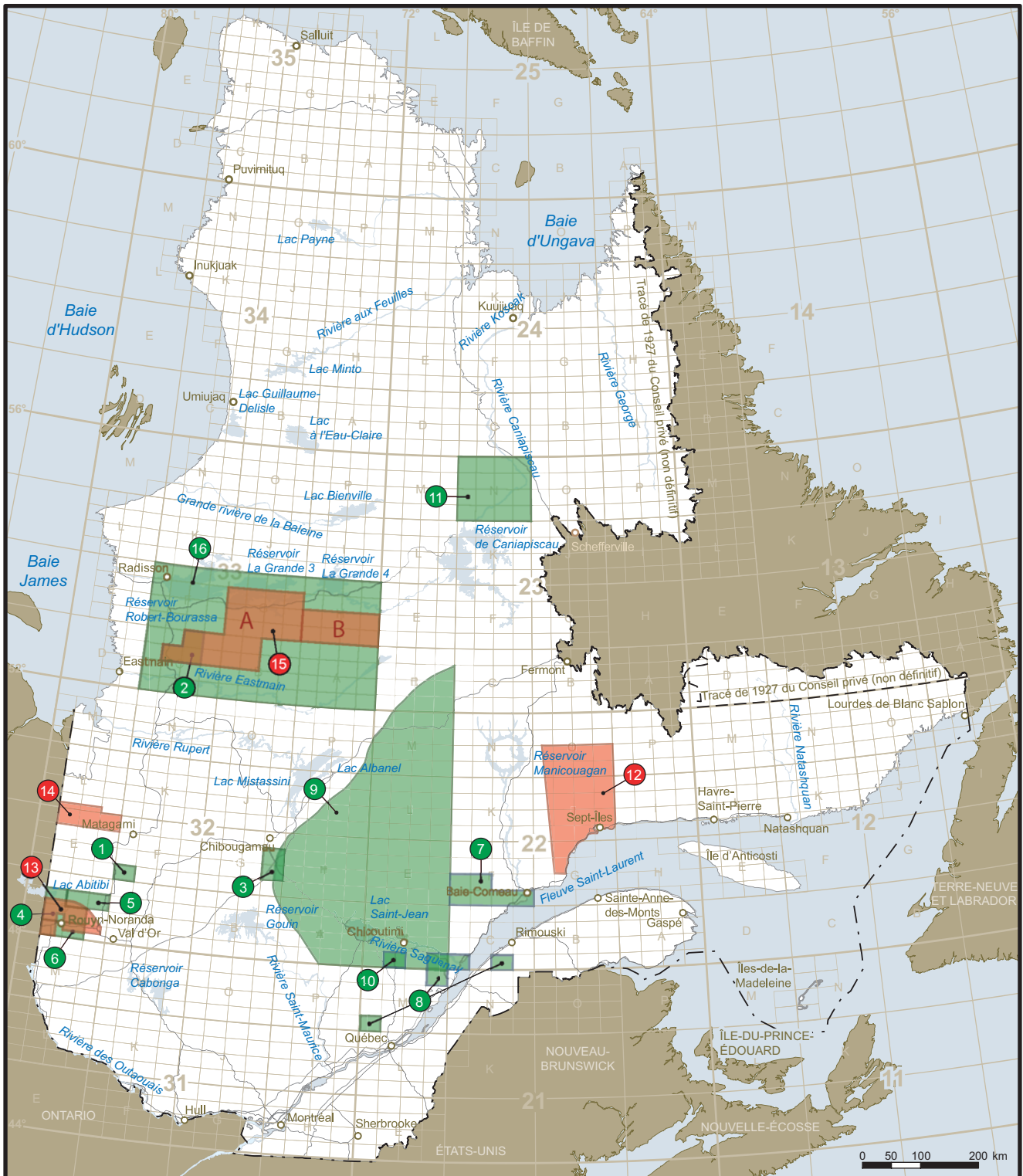


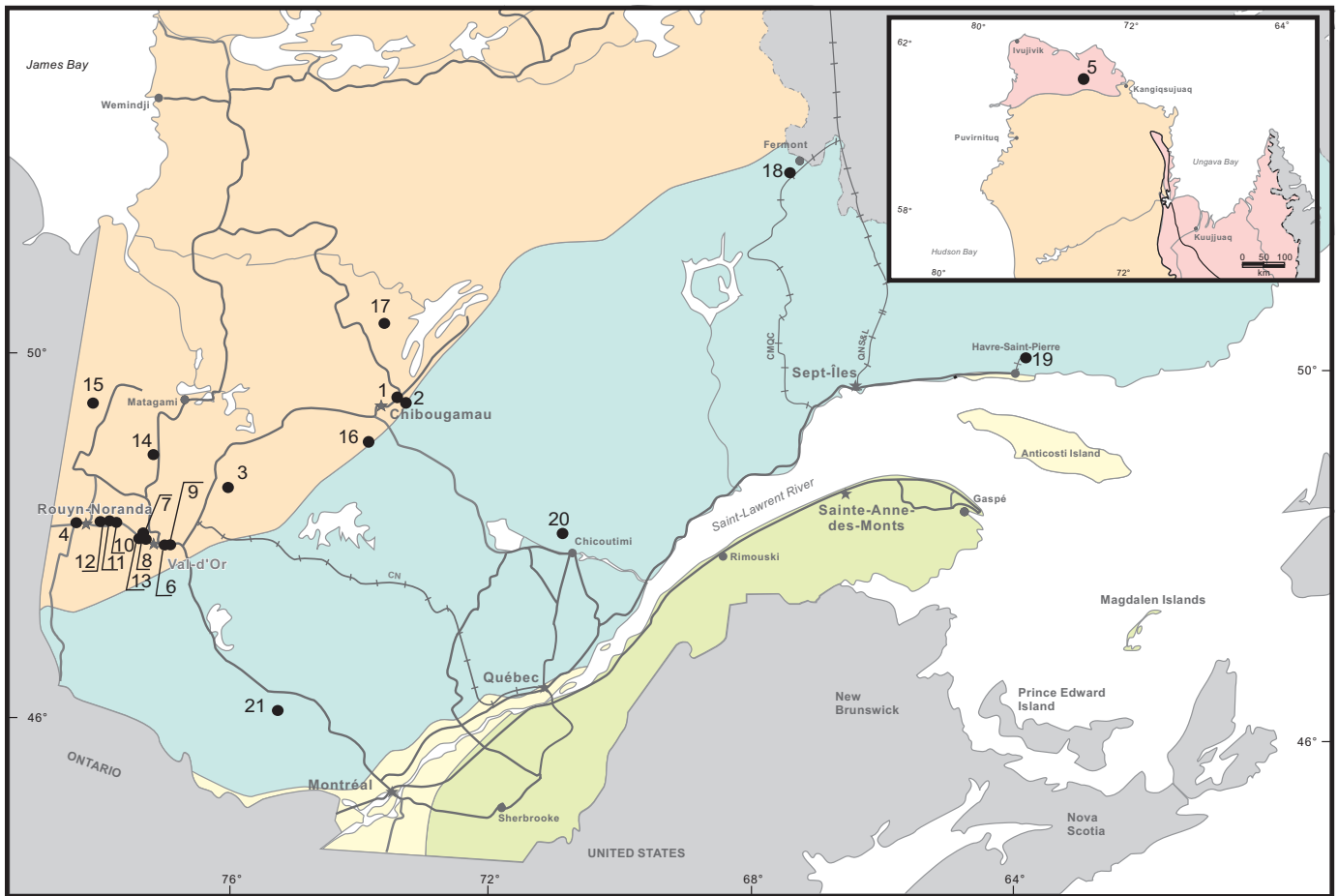
Figure 3. Location of geosciences projects for 2007-2008.

Appendix I

Location of producing mines and architectural stone quarries in Québec

APPENDIX I

APPENDIX I



Active mines

BASE METALS

- 1 - Copper Rand
- 2 - Merrill Open Pit
- 3 - Langlois
- 4 - Projet Fabie
- 5 - Raglan

PRECIOUS METALS

- 6 - Sigma-Lamaque
- 7 - Kiena
- 8 - East Amphi
- 9 - Beaufor
- 10 - LaRonde
- 11 - Doyon
- 12 - Mouska
- 13 - Goldex
- 14 - Sleeping Giant
- 15 - Casa Berardi
- 16 - Joe Mann
- 17 - Troilus

OTHER METALS

- 18 - Mont Wright
- 19 - Lac Tio
- 20 - Niobec
- 21 - Lac-des-Îles

GEOLOGICAL PROVINCES

- St. Lawrence Platform
- Appalachians
- Grenville
- Superior
- New Québec and Torngat orogens, Rae Province and Ungava Trough

- Main road
- Railroad
- Resident geologist office
- Site

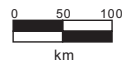


Figure I. Active mines in Québec for 2007 (metallic substances).

APPENDIX I

Table I - Production of metallic substances in Québec (see figure I)

Site	Mine	Company	Summary description of the deposit	Ore process in 2007	Metal production in 2007	Ore processing in 2007	Proven mineral reserves (at January 1 st 2008)	Probable mineral reserves (at January 1 st 2008)	Employees in 2007	Cumulative production	Number of years of production	Township / NTS / Administrative area / Office
Base metals: Cu and Zn (Au and Ag)												
1	Copper Rand	Campbell Resources Inc.	Cu-Au shear type. Semi-massive lens of PY-Cp-PO.	117 173 t at 1.69% Cu 1 58 g/t Au 4.80 g/t Ag	1981.3 t Cu 167.1 Kg Au 528.1 Kg Ag	Copper Rand Mine	*** 369 224 t at 1.92% Cu 2.20 g/t Au	*** 762 035 t at 1.55% Cu 2.89 g/t Au	132	14 752 768 t at 1.80% Cu 3.05 g/t Au	1959-1997 2004-20.. (43)	McKenzie / 32 G/16 / 10 / Chibougamau
2	Merrill Open Pit	Campbell Resources Inc.	Cu-Au shear type in anorthosite. Semi-massive lens of Py-Cp-Po	59 146 t at 0.39% Cu 0.34 g/t Au 3.43 g/t Ag	227.7 t Cu 17.90 Kg Au 177.8 Kg Ag	Copper Rand Mine	N.a.	N.a.	28	7 833 886 t at 1.78% Cu 0.68 g/t Au	1958-1981 2007.. (25)	McKenzie / 32 G/16 / 10 / Chibougamau
3	Langlois	Breakwater Resources Ltd	VMS-type in mafic and felsic lavas.	438 000 tm at 0.42% Cu 7.13% Zn 0.17 g/t Au 28.87 g/t Ag 0.11% Pb	1315 tm Cu 28 391 t Zn 28.1 Kg Au 4963 Kg Ag	Langlois Mine	N.a.	N.a.	400	N.a.	1996-2001 2006-20.. (7)	Crevet / 32 F/02 / 10 / Val-d'Or
4	Projet Fabie	First Metals Inc	Altered rhyolitic breccial serfite schist, containing Py-Po-Cp with trace of galena and shalerite.	40 936.9 t at 2.65% Cu	770.8 tm Cu	Horne Smelter	N.a.	N.a.	63	40 937 tm at 2.65% Cu	2007.. (1)	Hébécourt / 32 D/06 / 08 / Rouyn-Noranda
5	Raglan	Québec Mining Raglan Society Ltd - Xstrata Nickel	Magmatic massive sulfides lenses at the base of ultramafic flows.	1 153 582 t at 0.73% Cu 2.58% Zn 0.05% Co	6729 t Cu 26 059 t Ni 523 t Co	Concentrator - Raglan / smelter - Sudbury / refinery -Norway	*** 6 377 000 t at 0.63% Cu 2.25% Ni 0.04% Co	*** 9 774 000 t at 0.77% Cu 2.74% Ni 0.04% Co	600	N.a.	1998-20.. (10)	35 G/09, 35 H/11 and 35 H/12 / 10 / Sept-Îles
Precious metals: Au and Ag												
6	Sigma-Lamaque	Century Mining Corporation	Subhorizontal auriferous tourmaline-bearing quartz-pyrite veins in shear zones	1 154 604 t at 1.51 g/t Au	N.a.	Sigma Mine	** 2 416 993 t at 5.26 g/t Au	** 4 517 162 t at 4.67 g/t Au	N.a.	N.a.	1938-2003 2005-20.. (68)	Bourlamaque / 32 C/04 / 08 / Val-d'Or
7	Kiena	Wesdome Gold Mines Ltd	Auriferous breccia and quartz veins localized between two komatiitic flows	284 757 t at 3.96 g/t Au	1101 Kg Au	Kiena Mill	N.a.	N.a.	168	10 911 837 t at 4.77 g/t Au	1981-2002 2006-20.. (23)	Dubuisson / 32 C/04 / 08 / Val-d'Or
8	East Amphi	Richmont Mines Inc.	Gold-bearing mineralization in a stockwork of quartz, tourmaline and pyrite veins crosscutting a feldspathic porphyry unit and diorite dykes.	N.a.	N.a.	Camflo Mill	N.a.	N.a.	N.a.	N.a.	2005-2007 (2) Closed in June 2007	Malaric / 32 D/01 / 08 / Val-d'Or
9	Beaufor	Richmont Mines Inc.	Gold-bearing veins located inside of E-W shear zones at the margin of the Bourlamaque batholith	96 078 t at 8.4 g/t Au	815 Kg Au	Camflo Mill	*** 88 114 t at 7.58 g/t Au	*** 165 392 t at 10.1 g/t Au	85	1 931 206 t at 7.32 g/t Au	1933-1951 1996-20.. (30)	Pascal / 32 C/04 / 08 / Val-d'Or
10	LaRonde	Agnico-Eagle Mines Ltd	Massive and semi-massive pyrite lenses in serfictized felsic volcanics and metamorphosed in andalusite and kyanite-bearing schists.	2 673 463 t at 2.95 g/t Au 7.54 g/t Au 0.36% Cu 3.63% Zn	7193.8 Kg Au 176 327.2 Kg Ag 8231.3 tm Cu 84 299.2 tm Zn	Concentrator Division LaRonde, Preissac	N.a.	N.a.	687	24 910 520 t at 4.63 g/t Au 57.83 g/t Ag 0.41% Cu	1988-20.. (20)	Bousquet / 32 D/08 / 08 / Rouyn-Noranda

APPENDIX I

Table I - Production of metallic substances in Québec (see figure I)

Site Mine	Company	Summary description of the deposit	Ore process in 2007	Metal production in 2007	Ore processing in 2007	Proven mineral reserves (at January 1 st 2008)	Probable mineral reserves (at January 1 st 2008)	Employees in 2007	Cumulative production	Number of years of production	Township / NTS / Administrative area / Office
11	Doyon Iamgold Gestion Québec Inc.	Veinlets and disseminated pyrite in sericite schists, in intermediate felsic volcanics and in Mooshla pluton.	515 939 t at 5.14 g/t Au	2561.6 Kg Au 978.4 Kg Ag	Doyon Mine	** 258 000 t at 6.2 g/t Au	** 58 000 t at 6.8 g/t Au	315	29 982 537 t at 5.64 g/t Au	1980-20.. (28)	Bousquet / 32 D/07 / 08 / Rouyn-Noranda
12	Mouska Iamgold Gestion Québec Inc.	Quartz veins in the Mooshla diorite close to the northern sheared contact.	126 246 t at 16.65 g/t Au	N.a.	Doyon Mine	** 168 000 t at 14.7 g/t Au 0.31% Cu	** 20 000 t at 12.4 g/t Au 0.18 % Cu	N.a.	N.a.	1991-20.. (17)	Bousquet / 32 D/07 / 08 / Rouyn-Noranda
13	Goldex Agrico Eagle Mines Ltd	Quartz-Tourmaline veins with Py-Cp cross cutting granodiorite dykes - sills.	1 381 500 tm at 2.25 g/t Au	N.a.	Concentrator Division LaRonde. Preisac	** 97 270 tm at 2.25 g/t Au	** 22 813 391 t at 2.29 g/t Au	170	1 381 500 t at 2.25 g/t Au	2007-20.. (1)	Dubuissou / 32 C/04 / 08 / Val-d'Or
14	Sleeping Giant Iamgold Gestion Québec Inc.	Gold-bearing quartz and sulfides veins at contact between dacitic intrusions and lava flows	170 392 t at 12.5 g/t Au	2078.5 Kg Au 2618.5 Kg Ag	Sleeping Giant Mine	*** 116 100 t at 14.0 g/t Au	*** 6900 t at 11.9 g/t Au	178	2 969 983 t at 10.36 g/t Au	1987-1991 1992-20.. (18)	Chaste / 32 F/04 / 10 / Val-d'Or
15	Casa Berardi Aurizon Mines Ltd	Quartz-carbonate-pyrite-arsenopyrite veins in shear zones or stockworks.	545 259 t at 9.8 g/t Au	4960 Kg Au	Casa Berardi Mine	N.a.	N.a.	342	N.a.	1988-1997 2006-20.. (12)	Casa-Berardi / 32 E/11 / 08 / Rouyn-Noranda
16	Joe Mann Campbell Resources Inc.	Sulfides-bearing quartz veins in gabbro and sheared rhyolite.	61 046 t at 6.21 g/t Au 5.14 g/t Ag 0.22% Cu	345.9 Kg Au 293.6 Kg Ag 135.2 t Cu	Campbell Mill (Copper Rand Mine)	N.a.	N.a.	45	4 754 375 t at 8.26 g/t Au	1956-1959 1974-1975 1987-20.. (27)	Rohault / 32 G/08 / 10 / Chibougamau
17	Troilus Inmet Mining Corporation	Au-Cu porphyry in diorite.	6 036 171 t at 0.87 g/t Au 0.054% Cu	4304 Kg Au 4490 Kg Ag 2772 t Cu	Troilus Mine	*** 6 117 000 t at 0.58 g/t Au 0.07% Cu	*** 9 142 000 t at 0.98 g/t Au 0.124% Cu	262	61 921 329 t at 1.06 g/t Au 0.10% Cu	1997-20.. (11)	32 O/01/ 10 / Chibougamau

APPENDIX I

Table I - Iron, ilmenite, niobium and graphite productions in Québec (see figure 1)

Site	Mine	Company	Summary description of the deposit	Total production in 2007	Total shipment in 2007	Shipment of first transformation products in 2007	Reserves (at January 1 st 2008)	Employees in 2007	Cumulative production	Years of production	Township / NTS / Administrative area / Office
15	Mont Wright	Québec Cartier Mining Company	Specular hematite in metamorphosed iron formation of the Gagnon Group ; 5 open pits (Paul's Peak, Versant Nord, A, B and C.	N.a.	N.a.	N.a.	N.a.	2000 (Mt-Wright + Port -Cartier)	N.a.	1976-20.. (31)	Normanville / 23 B/14, 23 B/11 et 23 B/09 / 09 / Sept-Îles
16	Lac Tio	Iron and Titanium QIT Inc.	Massive hemo-ilmenite in anorthosite associated with the Havre-Saint-Pierre intrusive suite.	N.a.	N.a.	N.a.	N.a.	300	N.a.	1950-20.. (57)	Parker / 12 L/09 et L/11 / 09 / Sept-Îles
17	Niobec	Gestion lamgold Québec Inc.	Pyrochlore in the St-Honoré carbonatite	1 618 332 t at 0.65% Nb ₂ O ₅	N.a.	N.a.	*** 10 176 362 t at 0.62% Nb ₂ O ₅ (proven) 6 213 437 t at 0.69% Nb ₂ O ₅ (probable)	240	27 691 525 t at 0.68% Nb ₂ O ₅	1976-20.. (31)	Simard / 22 D/11 / 02 / Québec
18	Lac-des-Îles	Timcal Canada Inc.	Disseminated graphite flakes in crystalline limestone with quartzite horizons	N.a.	N.a.	N.a.	Confidential data	70	N.a.	1989-20.. (19)	Bouthillier / 31 J/05 / 15 / Montréal-Estrie-Laurentides

Abbreviation List

Au: Gold BO: Biotite PY: Pyrite VMS: Volcanogenic massive sulfides t: Metric ton
 Ag: Silver CP: Chalcopyrite SP: Sphalerite Ni: Nickel
 Cu: Copper PO: Pyrrhotite Zn: Zinc N.a.: Non available

NOTE

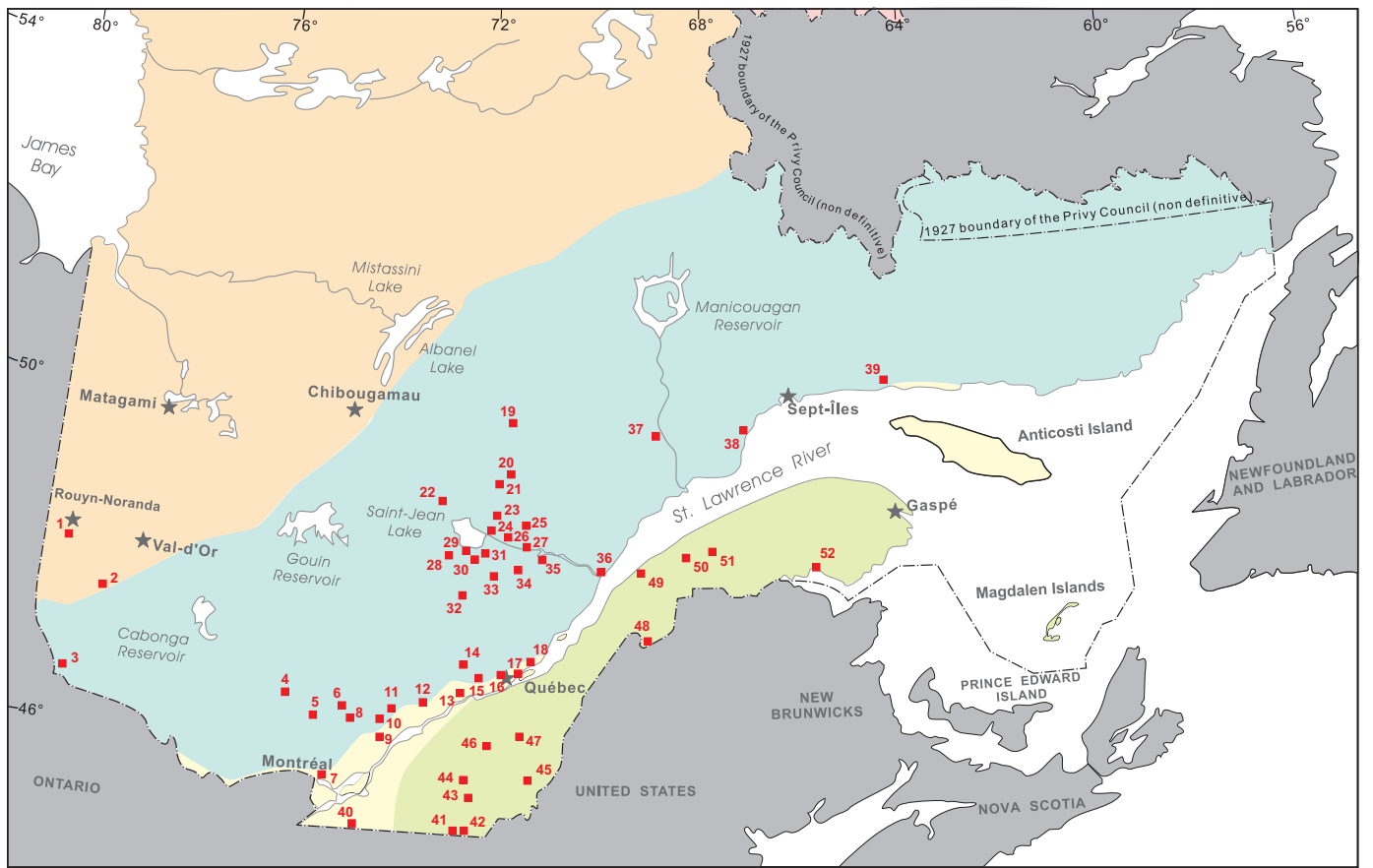
The data compiled in this table are preliminary and have been collected from mining companies before they published their official financial statements.

The difference between proven mineral reserves and probable mineral reserves is defined according National Instrument 43-101.

The reserves compiled in this table take into consideration:

- * Ore losses
- ** Ore dilution
- *** Ore losses and ore dilution
- **** none of those factors

APPENDIX I



■ Architectural stone

GEOLOGICAL PROVINCES

- St. Lawrence Platform
- Appalachians
- Grenville
- Superior
- New Québec and Torngat orogens,
Rae Province and Ungava Trough

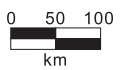


Figure II. Architectural stone quarries exploited in Québec in 2007 (for details, see table II).

APPENDIX I

TABLE II – Architectural stone quarries exploited in Québec in 2007 (see figure II)

SITE	LOCATION	COMPANY	ROCK TYPE / PRODUCTS ¹	COMMERCIAL NAME	NTS	ADMINISTRATIVE REGION	TITLE
1	Beaudry	Les Pierres du Nord	Biotite schist - BS	Nordic Schist	32 D/03	8	BEX 86
2	Winneway	Polycor Inc.	Granite - DS	Winneway	31 M/09	8	BEX 167
2	Winneway	Polycor Inc.	Granite - DS	Winneway	31 M/09	8	BEX 323
3	Témiscaming	Les Pierres du Nord	Muscovite quartzite - BS	Aventurine	31 L/10	8	BEX 355
4	Guénette	Rock of Ages Canada Ltd	Monzogranite - DS, MO	Laurentian Pink, Autumn Pink	31 J/11	15	GM 79
5	Labelle	Les Pierres Mitchell Inc.	Paragneiss - BS	-	31 J/07	15	BEX 330
5	Labelle	Les Pierres Mitchell Inc.	Paragneiss - BS	-	31 J/07	15	BEX 337
5	Labelle	Les Pierres Naturelles Durand Enr.	Paragneiss - BS	-	31 J/07	15	BEX 76
6	Saint-Donat-de-Montcalm	Carrières F. L. Inc.	Gneiss - BS	-	31 J/08	14	BEX 140
7	Mirabel	Les Pierres Saint-Canut Ltée	Sandstone - BS	Saint-Canut Sandstone	31 G/09	15	No
8	Notre-Dame-de-la-Merci	A. Lacroix et Fils Granit Ltée	Anorthosite - DS	Orion	31 I/05	14	BEX 255
9	Joliette	Firstake Capital Corporation	Limestone - BS	Joliette Gris, Joliette Jaune	31 I/03	14	No
10	Saint-Didace	A. Lacroix et Fils Granit Ltée	Quartz mangerite - DS	Nordix Red	31 I/06	14	No
11	Saint-Alexis-des-Monts	A. Lacroix et Fils Granit Ltée	Quartz mangerite - DS	Autumn Brown	31 I/06	4	BEX 463
11	Saint-Alexis-des-Monts	Polycor Inc.	Quartz mangerite - DS	Newton Brown	31 I/06	4	BEX 174
11	Saint-Alexis-des-Monts	Granicor Inc.	Quartz mangerite - DS, CS	Autumn Brown	31 I/06	4	No
11	Saint-Alexis-des-Monts	Polycor Inc.	Quartz mangerite - DS	Newton Brown	31 I/06	4	No
12	Shawinigan	Les Entreprises Élie Grenier Inc.	Gneiss - BS	-	31 I/10	4	No
13	Saint-Marc-des-Carières	Graymont (Portneuf) Inc.	Limestone - DS	Saint-Marc Limestone	31 I/09	3	No
13	Saint-Marc-des-Carières	Les Pierres de Rocaille du Québec	Limestone - BS	-	31 I/09	3	No
14	Rivière-à-Pierre	A. Lacroix et Fils Granit Ltée	Gneiss - DS	Silver Mist	31 P/01	3	BEX 378
14	Rivière-à-Pierre	A. Lacroix et Fils Granit Ltée	Quartz mangerite - DS	Atlantic Blue	31 P/01	3	BEX 178, 372
14	Rivière-à-Pierre	A. Lacroix et Fils Granit Ltée	Farsundite - DS	Salmon Brown	31 P/01	3	BEX 366, 367
14	Rivière-à-Pierre	A. Lacroix et Fils Granit Ltée	Farsundite - DS	Deer Brown, Atlantic Green, Deer Brown D.D.	31 P/01	3	BM 723, 746
14	Rivière-à-Pierre	A. Lacroix et Fils Granit Ltée	Quartz mangerite - DS	Forest Green	31 P/01	3	BEX 349

APPENDIX I

TABLE II – Architectural stone quarries exploited in Quebec in 2007 (see figure II)

SITE	LOCATION	COMPANY	ROCK TYPE / PRODUCTS'	COMMERCIAL NAME	NTS	ADMINISTRATIVE REGION	TITLE
14	Rivière-à-Pierre	A. Lacroix et Fils Granit Ltée	Farsundite, quartz mangerite - DS	Forest Green, Atlantic Green, Atlantic Blue	31 P/01	3	CM 488
14	Rivière-à-Pierre	Granicor Inc.	Farsundite - DS, CS	New New	31 I/16	3	No
14	Rivière-à-Pierre	Granicor Inc.	Farsundite - DS, CS	Abbey Rose	31 P/01	3	No
14	Rivière-à-Pierre	Granicor Inc.	Quartz mangerite, farsundite - DS, CS	Nara	31 P/01	3	BEX 231
14	Rivière-à-Pierre	Granicor Inc.	Quartz mangerite, quartz jotunite - DS, MO, CS	Prairie Green	31 P/01	3	BEX 164, 165
14	Rivière-à-Pierre	Granite D. R. C. Inc., Gesrock	Farsundite - DS, BS, CS	Canadian Caledonia, Boca Dark	31 P/01	3	No
14	Rivière-à-Pierre	Polycor Inc.	Farsundite - DS	Riviera	31 I/16	3	BEX 114
14	Rivière-à-Pierre	Polycor Inc.	Farsundite - DS	Blue Grey	31 I/16	3	No
14	Rivière-à-Pierre	Polycor Inc.	Quartz mangerite - DS	Boreal Green	31 I/16	3	BEX 333
14	Rivière-à-Pierre	Polycor Inc.	Farsundite - DS, CS	Caledonia Dark	31 P/01	3	BEX 33
14	Rivière-à-Pierre	Polycor Inc.	Farsundite - DS, CS	Caledonia Light, Caledonia Dark	31 P/01	3	No
15	Saint-Raymond	A. Lacroix et Fils Granit Ltée	Gneiss - DS	Rainbow	21 L/13	3	No
16	Charlesbourg	Construction B. M. L.	Limestone - BS	-	21 L/14	3	No
16	Québec	Les Pierre S.D. Enr.	Limestone - BS	-	21 L/14	3	No
16	Sainte-Brigitte-de-Laval	Sablrière Vallière Inc.	Granit block - BS	-	21 L/14	3	No
17	Château-Richer	Carrière Laplante Enr.	Limestone - BS	-	21 L/14	3	No
18	Saint-Joachim	Ladufo Inc.	Limestone - BS	-	21 M/02	3	No
19	Chute-des-Passes	A. Lacroix et Fils Granit Ltée	Gneiss - DS	New Rainbow	22 E/14	2	BEX 377
20	Chute-des-Passes	A. Lacroix et Fils Granit Ltée	Gabbroic anorthosite - DS	Nordic Café	22 E/06	2	BEX 471
20	Chute-des-Passes	Polycor Inc.	Gabbroic anorthosite - DS	Kodiac	22 E/06	2	BEX 402
21	Chute-des-Passes	Polycor Inc.	Farsundite - DS	Astra	22 E/04	2	BEX 1
22	Saint-Thomas-Didyme	Granicor Inc.	Quartz mangerite - DS, CS	Acajou	32 A/15	2	No
23	Chute-du-Diable	Granicor Inc.	Anorthosite - DS, MO, CS	Peribonka	22 D/13	2	No
23	Chute-du-Diable	Granicor Inc.	Anorthosite - DS, MO, CS	Peribonka	22 D/13	2	BEX 449
24	Saint-Nazaire	A. Lacroix et Fils Granit Ltée	Leucogabbroiorite - DS	Atlantic Black, Nordix Green	22 D/12	2	BEX 148
24	Saint-Nazaire	A. Lacroix et Fils Granit Ltée	Leucogabbroiorite - DS	Nordix Green, Atlantic Black, Forest Black	22 D/12	2	No (2 quarries)
24	Saint-Nazaire	Granicor Inc.	Leucogabbroiorite - DS, MO, CS	Cambrian	22 D/12	2	BEX 332

APPENDIX I

TABLE II – Architectural stone quarries exploited in Quebec in 2007 (see figure II)

SITE	LOCATION	COMPANY	ROCK TYPE / PRODUCTS ¹	COMMERCIAL NAME	NTS	ADMINISTRATIVE REGION	TITLE
24	Saint-Nazaire	Polycor Inc.	Leucogabbrobronorite - DS, MO	Cambrian Black	22 D/12	2	BM 705 (2 quarries)
25	Saint-Honoré	Les Pierres Naturelles Tremblay	Limestone - BS	-	22 D/11	2	No
26	Bégin	A. Lacroix et Fils Granit Ltée	Quartz mangerite - DS	Atlantic Pink	22 D/11	2	No
26	Bégin	Granior Inc.	Quartz mangerite - DS, CS	Granville	22 D/11	2	No
27	Tremblay	Carrière 500	Limestone - BS	-	22 D/06	2	No
28	Saint-François-de-Sales	A. Lacroix et Fils Granit Ltée	Quartz mangerite - DS	Spring Green	32 A/08	2	BEX 203
29	Chambord	A. Lacroix et Fils Granit Ltée	Limestone - DS	Chambord Limestone	32 A/08	2	No
30	Saint-André-du-Lac-Saint-Jean	Jean-Guy Simard et Fils	Quartz mangerite - DS	Saint-André Green	22 D/05	2	BEX 80
31	Métabetchouan	Polycor Inc.	Farsundite - DS	Canadian Violetta	22 D/05	2	No
32	La Tuque	Granitlab International Inc.	Gabbro - DS	Heritage Black	31 P/16	4	BEX 405
33	Réserve faunique des Laurentides	A. Lacroix et Fils Granit Ltée	Farsundite - DS	Autumn Harmony	22 D/03	2	BEX 225
33	Réserve faunique des Laurentides	Granior Inc.	Quartz mangerite - DS, CS	Laurentian Green	22 D/04	2	BEX 421
33	Réserve faunique des Laurentides	Polycor Inc.	Quartz jotunite - DS, MO	Laurentian Green	22 D/04	2	BEX 210
34	Laterrière	Intergestion GL Inc.	Stromatolite dolostone block - BS	Pikauba	22 D/03	2	BEX 343
35	La Baie	Granior Inc.	Farsundite - DS, CS	Polychrome	22 D/07	2	No
35	La Baie	Polycor Inc.	Farsundite - DS	Polychrome	22 D/07	2	No
35	La Baie	Sablère B Y Inc.	Granit block - BS	-	22 D/07	2	No
36	Grandes-Bergeronnes	Granior Inc.	Gneiss - DS, CS	Tadoussac	22 C/04	9	No
37	Lac Poulin	Granijem Inc.	Granit - DS	Nordic Frost	22 F/14	9	BEX 490
37	Manic 3	Granijem Inc.	Gneiss - DS	Manic	22 F/15	9	BEX 489
38	Rivière-Pentecôte	Polycor Inc.	Anorthosite - DS	Nordic Black	22 G/14	9	BEX 155
39	Magpie	Granijem Inc.	Hypersthene syenite - DS	Anticosti	22 I/08	9	BEX 436
39	Magpie	Polycor Inc.	Hypersthene syenite - DS	Picasso	22 I/07	9	BEX 419
40	Havelock	Carrières Ducharme Inc.	Sandstone - BS	Ducharme	31 H/04	16	No (2 quarries)
40	Hemmingford	Les Pierres naturelles Guy Lefort	Sandstone and dolomite blocks - BS	-	31 H/04	16	No
41	Stanstead	Centre du Granite Beebe Inc.	Granodiorite - DS, BS	Beverly Grey	31 H/01	5	No
41	Stanstead	Polycor Inc.	Granodiorite - DS, MO	Stanstead Grey	31 H/01	5	No
41	Stanstead	Rock of Ages du Canada Ltd	Granodiorite - DS, MO	Stanstead Grey	31 H/01	5	No
42	Stanhope	Granior Inc.	Granodiorite - DS, MO, CS	Snow White	21 E/04	5	No

APPENDIX I

TABLE II – Architectural stone quarries exploited in Quebec in 2007 (see figure II)

SITE	LOCATION	COMPANY	ROCK TYPE / PRODUCTS ¹	COMMERCIAL NAME	NTS	ADMINISTRATIVE REGION	TITLE
43	Bromptonville	Ardobec Inc.	Slate - BS	-	21 E/05	5	No
43	Bromptonville	Ardoise 55 Inc.	Slate - DS, BS	-	21 E/05	5	No
44	Melbourne	Maurice Houle	Slate - BS	-	31 H/09	5	No
45	Saint-Sébastien	Polycor Inc.	Granite - DS	San Sebastian Grey	21 E/10	5	No
46	Saint-Ferdinand	Les Carrières St-Ferdinand Inc.	Sandstone, dolomite - BS	-	21 L/04	17	No
47	East Broughton	Les Pierres Stéatites Inc.	Steatite, talc-carbonate rock, serpentinite - RS	-	21 L/03	12	No
48	Saint-Marc-du-Lac-Long	Glendyne Inc.	Slate - BS, UT	La Canadienne, La Québécoise	21 N/07	1	No
49	Saint-Mathieu-de-Rioux	J.-C. Ouellette	Sandstone - BS	-	22 C/03	1	No
49	Saint-Mathieu-de-Rioux	Les Pierres St-Mathieu Enr.	Sandstone - BS	Grès Basques	22 C/02	1	BEX 460
50	Mont-Label	Entreprises Antoine Jean Inc.	Siltstone - BS	-	22 C/08	1	No
50	Mont-Label	Les Pierres Naturelles du Québec	Siltstone - BS	-	22 C/08	1	No
51	Saint-Cléophas	Carrière Bernier	Siltstone - BS	-	22 B/05	1	No (2 quarries)
52	Maria	Polycor Inc.	Limestone breccia - DS, DeS	Cascapedia	22 A/04	11	No

1. See abbreviation list in appendix II

APPENDIX I

TABLE III - Peat, industrial minerals and stones quarries in production in Quebec during 2007 (see figure III)

SITE	QUARRY, PEAT DEPOSIT	COMPANIES	DESCRIPTION OF DEPOSIT	PRODUCTS	TOWNSHIPS / NTS	Administrative AREA
Asbestos (chrysotile)						
1	Bell	LAB Chrysotile Inc.	Vein system (stockwork) in serpentinized ultramafic rocks	Chrysotile asbestos fibre	Thetford / 21 L/03	12
2	Black Lake	LAB Chrysotile Inc.	Veins system (stockwork) in serpentinized ultramafic rocks	Chrysotile asbestos fibre	Ireland / 21 L/03	12
3	Jeffrey	JM Asbestos Inc.	Vein system (stockwork) in serpentinized ultramafic rocks	Chrysotile asbestos fibre	Shipton / 21 E/13	12
Limestone, dolomite and marble						
4	Bedford	Graymont (Qc) Inc. (Bedford division)	Corey Formation limestone	Lime, crushed limestone products for industrial use, crushed stone	Stanbridge / 31 H/03	16
5	Domlim #5 et #6	Graymont (Qc) Inc. (Marbleton division)	Lac Aylmer Formation limestone	Lime, crushed limestone products for industrial use, crushed stone	Dudswell / 21 E/12	12
6	Jolichaux	Graymont (Qc) Inc. (Joliette division)	Deschambault Formation limestone	Lime, crushed limestone products for industrial use, crushed stone	Lavaltrie / 31 I/03	14
7	Calco	Graymont (Portneuf) Inc.	Deschambault Formation limestone	Crushed stone, crushed limestone products for industrial use	Seignory of Grondines / 31 I/09	3
8	Saint-Armand West	Omya St-Armand Ltd	Strites Pond Formation limestone	Pulverized limestone for mineral filler	Seignory of Saint-Armand / 31 H/03	16
9	Saint-Armand	Carrière St-Armand Ltd	Strites Pond Formation limestone	Pulverized limestone for mineral filler, white terrazzo granules	Seignory of Saint-Armand / 31 H/03	16
10	La Rédemption	Coopératives des producteurs de Chaux du Bas-Saint Laurent	Formation Sayabec dolomitic limestone	Magnesium soil improvement	Awantjish / 22 B/05	1
11	Pères Trappistes	Les Calcites du Nord Inc.	Calcitic marble	White granules for artificial stone, sand for masonry, soil improvement	Pelletier / 32 A/16	2
12	Ciment Indépendant	Ciment St-Laurent (indépendant) Inc.	Trenton Group limestone and Black River Group limestone	Cement production	Lanoraye / 31 I/03	14
13	Saint-Basile-sud	Ciment Québec Inc.	Trenton Group limestone and Black River Group limestone	Cement production	Auteuil / 21 L/12	3
14	Ciment Lafarge	Lafarge Canada Inc.	Trenton Group limestone and Black River Group limestone	Cement production	Sault-Saint-Louis / 31 H/05	16
15	Soca	Agrégats Waterloo Inc.	Stukely-south Fault dolomitic marble	High grade magnesium soil improvement, terrazzo granules, decorative crushed stone	Stukely / 31 H/08	5
16	Saint-Ferdinand	Les Carrières Saint Ferdinand Inc.	Oak Hill Group dolomite	High grade magnesium soil improvement	Halifax / 21 L/04	17
17	Trottier Mills	Les Carrières Saint Ferdinand Inc.	Oak Hill Group dolomite	High grade magnesium soil improvement	Chester / 21L04	17

APPENDIX I

TABLE III - Peat, industrial minerals and stones quarries in production in Quebec during 2007 (see figure III)

SITE	QUARRY, PEAT DEPOSIT	COMPANIES	DESCRIPTION OF DEPOSIT	PRODUCTS	TOWNSHIPS / NTS	Administrative AREA
Graphite						
18	Lac-des-Îles	Timcal Canada Inc.	Disseminated graphite flakes in crystalline limestone (\pm quartzite)	Graphite concentrate for refractory materials, foundry moulds, lubricants, brake linings	Bouthillier / 31 J/05	15
Mica						
19	Letondal	Les Produits Mica Suzorite Inc.	Lenticular alkaline intrusion with 80-85% phlogopite (suzorite variety)	Crushed mica mineral filler (plastic, joint cement, drilling mud)	Suzor / 31 O/16	4
Mineral clay						
20	Briqueterie Saint-Laurent	Les Briques Hanson Ltd	Formation Nicolet Shale	Door face brick	La Prairie / 31 H06	6
Salt						
21	Selaine	La Société canadienne de sel (Mine Seleine division)	Carboniferous salt dome	De-icing salt	Îles-de-la-Madeleine / 11 N/12	11
22	Puits Bécancour	Junex Inc. (Junex Solnat division)	Brines	De-icing products and dust reducers	Bécancour / 31 I/08	17
23	Puits Saint-Angèle-de-Laval	Junex Inc. (Junex Solnat division)	Brines	De-icing products and dust reducers	Bruyere / 31 J/08	17
Silica						
24	Saint-Rémi d'Amherst	Société minière Gerdin Inc.	Quartzite	Silica sand for cement works	Amhurst / 31 G/15	15
25	Ormstown	La Compagnie Bon Sable ltée (Ormstown division)	Natural sand	Washed sand for sandblasting, foundry, mixtures for ceramic glue	Beauharnois-2 / 31 H/04	16
26	Saint-Canut	Unimin Canada Ltd (Saint-Canut division)	Postdam Group sandstone	Silica sand for glasswork, sandblasting, filter, ceramic	Lac-des-Deux-Montagnes-3 / 31 G/09	15
27	Sainte-Clotilde	Les Sables Silco Inc.	Postdam Group sandstone	Siliceous crushed stone for cement works and ferro-silicon	Beauharnois-1 / 31 H/05	16
28	Saint-Donat	Unimin Canada Ltd (Saint-Donat division)	Quartzite	Silica sand	Lussier / 31 J/08	14
29	Saint-Joseph-du-Lac	La Compagnie Bon Sable Ltd	Natural sand	Washed sand for masonry and sandblasting	Lac-des-Deux-Montagnes-1 / 31 H/12	15
30	Petit lac Malbaie	Sitec Inc.	Quartzite	Silica pieces for silicon metal and silica sand for silicon carbide	Charlevoix / 21 M/15	3
31	Saint-Bruno-de-Guigues	Temisca Inc.	Ordovician sandstone	Sand for filtration, foundry hydraulic fracturing	Guigues / 31 M/05	8
32	Chromasco	Carrières Sud-Ouest Inc.	Postdam Group sandstone	Siliceous crushed stone for construction, cement works and ferro-silicon	Beauharnois / 31 H/05	16
33	Lac Beauhène	Les Pierres du Nord Inc.	Kipawa Formation muscovite quartzite	Quartz granules for artificial stone	Campeau / 31 L/10	8

APPENDIX I

TABLE III - Peat, industrial minerals and stones quarries in production in Quebec during 2007 (see figure III)

SITE	QUARRY, PEAT DEPOSIT	COMPANIES	DESCRIPTION OF DEPOSIT	PRODUCTS	TOWNSHIPS / NTS	Administrative AREA
34	Lac Daviault	Exploration Quebec / Labrador Inc.	Wishart Formation quartzite, Gagnon Group	Quartz granules for artificial stone	Lislois / 23 B/14	9
Ilmenite						
35	Lac Tio	QIT - Fer et Titane Inc.	Massive hemo-ilmenite in Havre-Saint-Pierre anorthosite complex	Titanium slags for pigment production, cast iron and crushed ilmenite (Sorel flux)	Parker / 12 L/11	9
Peat						
36	Saint-Bonaventure	Fafard et Frères (Saint-Bonaventure branch)	Peat	Sphagnum peat moss, growing media, composts, biofilters	Upton / 31 H/15	4
37	Saint-Henri-de-Lévis	Premier Horticulture (Saint-Henri branch)	Peat	Sphagnum peat moss	Seigniorie of Lauzon / 21 L/11	12
38	Saint-Charles	Les tourbes M.L. (Saint-Charles branch)	Peat	Sphagnum peat moss, growing media	Seigniorie of Lauzon and La Martinière fief (Beauchamp) / 21 L/10	12
39	Îles-aux-Coudres	Tourbières Pearl	Peat	Sphagnum peat moss	Seigniorie of Île-aux-Coudres / 21 M/08	3
40	Sainte-Marguerite	Fafard et Frères (Sainte-Marguerite branch)	Peat	Sphagnum peat moss	Racine / 32 A/16	2
41	L'Ascension Ouest	Tourbières Lambert (L'Ascension branch)	Peat	Sphagnum peat moss	Garnier / 22 D/13	2
42	Saint-Ludger-de-Milot SW	Fafard et Frères (Milot branch)	Peat	Sphagnum peat moss	Milot / 22 D/13	2
43	La Baie	Gazon Savard Saguenay Inc.	Peat	Sphagnum peat blocks and sphagnum peat moss	Bagot / 22 D/07	2
44	Rivière Ouelle	Tourbières Lambert (Rivière-Ouelle branch)	Peat	Sphagnum peat moss, growing media, bulk sphagnum moss fibers	Seigniorie of Rivière-Ouelle 21 N/05	1
45	Saint-Alexandre	Tourbière Berger Inc. (Saint-Alexandre branch)	Peat	Sphagnum peat moss	Seigniories of Îslets-du-Portage and Lachenais / 21 N/12	1
46	Notre-Dame-du-Portage	Premier Horticulture (Tardif branch)	Peat	Sphagnum peat moss	Seigniorie of Terrebois / 21 N/12	1
47	Rivière-du-Loup	Premier Horticulture (Premier branch)	Peat	Sphagnum peat moss, growing media, composts, mycorrhizae, biofilters	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14	1
47	Rivière-du-Loup	Premier Horticulture (Verbois branch)	Peat	Sphagnum peat moss	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14	1
47	Rivière-du-Loup	Premier Horticulture (Saint-Laurent branch)	Peat	Sphagnum peat moss	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14	1
47	Rivière-du-Loup	Tourbière Michaud Itée	Peat	Sphagnum peat moss	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14	1

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TABLE III - Peat, industrial minerals and stones quarries in production in Quebec during 2007 (see figure III)

SITE	QUARRY, PEAT DEPOSIT	COMPANIES	DESCRIPTION OF DEPOSIT	PRODUCTS	TOWNSHIPS / NTS	Administrative AREA
47	Rivière-du-Loup	Les tourbes M.L. (Rivière-du-Loup branch)	Peat	Sphagnum peat moss	Seignories of Rivière-du-Loup and Cacouna / 21 N/13-14	1
47	Rivière-du-Loup	Tourbière Berger Inc.	Peat	Sphagnum peat moss, growing media, peat pellets	Seignories of Rivière-du-Loup and Cacouna / 21 N/13-14	1
47	Rivière-du-Loup	Tourbière Henri Théberge et associés	Peat	Sphagnum peat moss	Seignories of Rivière-du-Loup and Cacouna / 21 N/13-14	1
47	Rivière-du-Loup	Tourbière Omer Bélanger	Peat	Sphagnum peat moss	Seignories of Rivière-du-Loup and Cacouna / 21 N/13-14	1
48	Isle-Verte, Est	Tourbière Réal Michaud et fils	Peat	Sphagnum peat moss	Seignory of Isle-Verte / 22 C/03	1
49	Saint-Eugène-de-Ladrière	La tourbière Yvon Bélanger	Peat	Sphagnum peat moss	Seignory of Nicolas-Rioux 03 / 22 C/07	1
49	Saint-Fabien-sur-Mer	La tourbière Rio-Val	Peat	Sphagnum peat moss	Seignory of Nicolas-Rioux 03 / 22 C/07	1
49	Saint-Fabien	Tourbière du Port-Pic	Peat	Sphagnum peat moss	Seignory of Nicolas-Rioux 03 / 22 C/07	1
49	Saint-Fabien	Tourbière Berger Inc. (Saint-Fabien branch)	Peat	Sphagnum peat moss	Seignory of Nicolas-Rioux 03 / 22 C/07	1
50	Rivière-Blanche	Premier Horticulture (Saint-Ulric branch)	Peat	Sphagnum peat moss	Matane / 22 B/13	1
50	Saint-Ulric	Les tourbes M.L. (Saint-Ulric branch)	Peat	Sphagnum peat moss	Matane / 22 B/13	1
51	Les Escoumins	Tourbières Lambert (Anse-aux-Basques branch)	Peat	Sphagnum peat moss	Bergeronnes / 22 C/06	9
52	La Petite Romaine	Tourbières Lambert (Saint-Paul-du-Nord branch)	Peat	Sphagnum peat moss	Iberville / 22 C/06	9
53	Sainte-Thérèse Colombier	Tourbière Omer Bélanger (Ste-Thérèse branch)	Peat	Sphagnum peat moss	Betsiamites / 22 C	15
54	Pointe-Lebel	Premier Horticulture (Sogevex branch)	Peat	Sphagnum peat moss	Manicouagan / 22 F/01	9
55	Port-Cartier Ouest	Les tourbes M.L. (Port-Cartier branch)	Peat	Sphagnum peat moss, sphagnum peat blocks	Babel / 22 J/02	9
55	Port-Cartier Ouest	Exportations Daniel Sage Inc.	Peat	Sphagnum peat moss	Babel / 22 J/02	9
56	Ville de Sept-Îles	Les tourbes M.L. (Sept-Îles peat branch)	Peat	Sphagnum peat moss	Letelier / 22 I/05	9
57	Rivière Moisie	Premier Horticulture (Sept-Îles branch)	Peat	Sphagnum peat moss	Moisie / 22 I/05	9
58	Saint-Jogues	Shigawake Organics Ltd	Peat	Sphagnum peat moss	Hope / 22 A/03	11

APPENDIX I

Appendix II

Legend of abbreviations

APPENDIX II

APPENDIX II

Legend for abbreviations used in tables related to the types of exploration works, the products and uses of architectural stones.

Prospecting and geology works

B (mt:g/t)	Bulk sampling including tonnage and grade
or (mt: % Xx)	(metric tons:gram per ton) or (metric tons: % Xx)
Bs	Block sampling for dimension stones
Ct	Characterization tests and analysis (peat)
D (#h:m)	Diamond drilling (number of holes:total meters)
G	Geological mapping
Min	Mineralogical studies
Pg	Unspecified prospecting and geological works
Pr	Prospection
Pt	Polishing test
Rcd (#h:m)	Reversed circulation drilling (number of holes:total meters)
Rsi	Remote sensing interpretation
S	Sampling
T	Trenching and stripping

Geochemical surveys

Gs	Unspecified geochemical surveys
Gs(e)	Esker geochemical survey
Gs(h)	Humus geochemical survey
Gs(l)	Lake sediments geochemical survey
Gs(r)	Lithochemical survey (rock)
Gs(s)	Stream sediments geochemical survey
Gs(sl)	Soils geochemical survey
Gs(t)	Till geochemical survey

Geophysical surveys

Gp	Unspecified geophysical survey
GpEl	Electric survey
GpEm	Electromagnetic survey
GpGr	Gravimetry survey
GpMa	Magnetometric (magnetic) survey
GpMt	Magnetotelluric survey
GpRa	Radiometric survey
GpSi	Seismic survey
(A) aerial, (B) borehole, (G) ground	

Other types of works

Env	Environmental studies
FM	Feasibility and/or market studies
M	Mining site rehabilitation
Met	Metallurgical test
Re	Reserve evaluation
TE	Technical evaluation

Products and usages of architectural stones

BS	Building stone and landscaping
CS	Curbstone
DeS	Decorative stone
DS	Dimension stone
MO	Monument stone
RS	Refractory stone
RT	Roofing tiles

<i>Italic</i>	Exploration work done on mine properties
Bold	Advanced exploration project

APPENDIX II

Appendix III

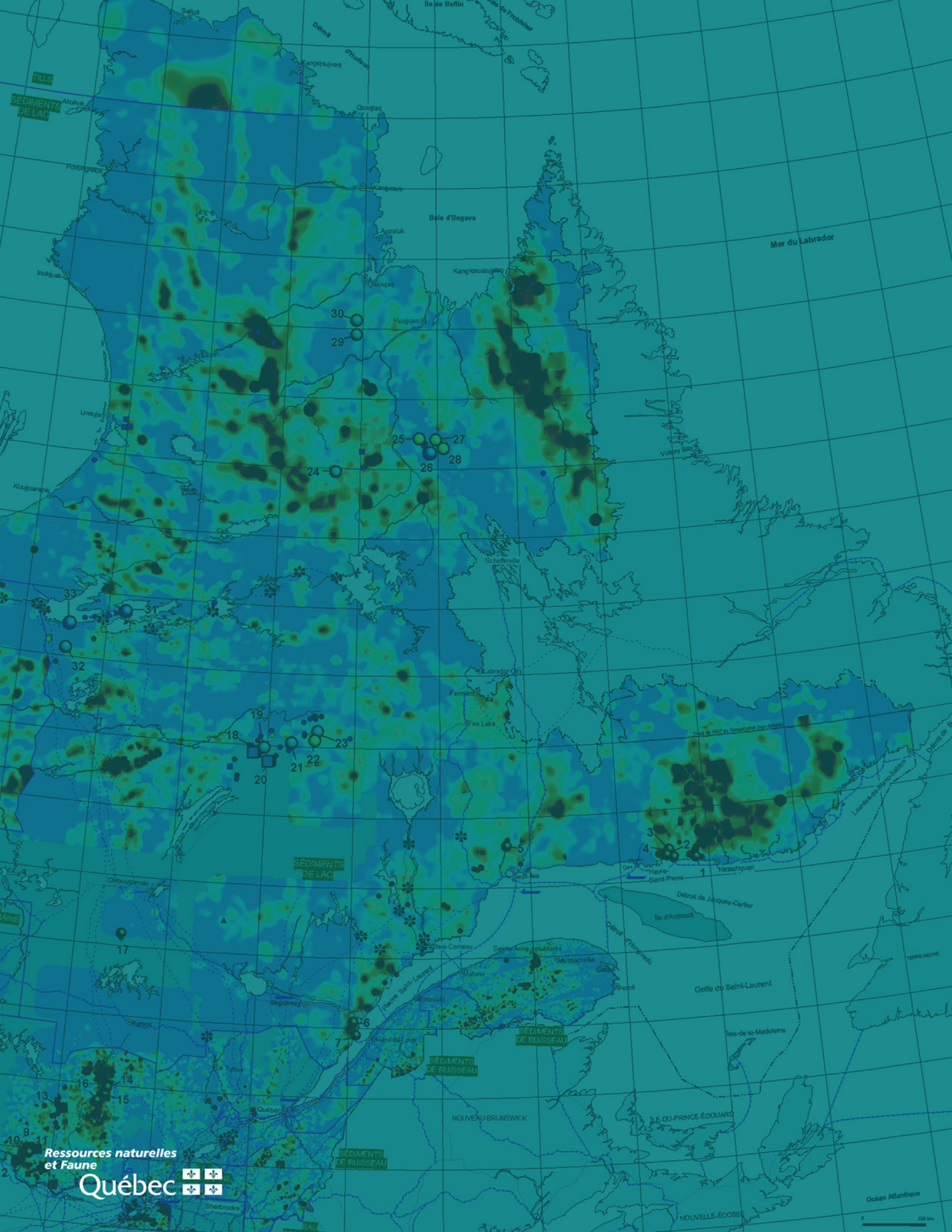
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APPENDIX III

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