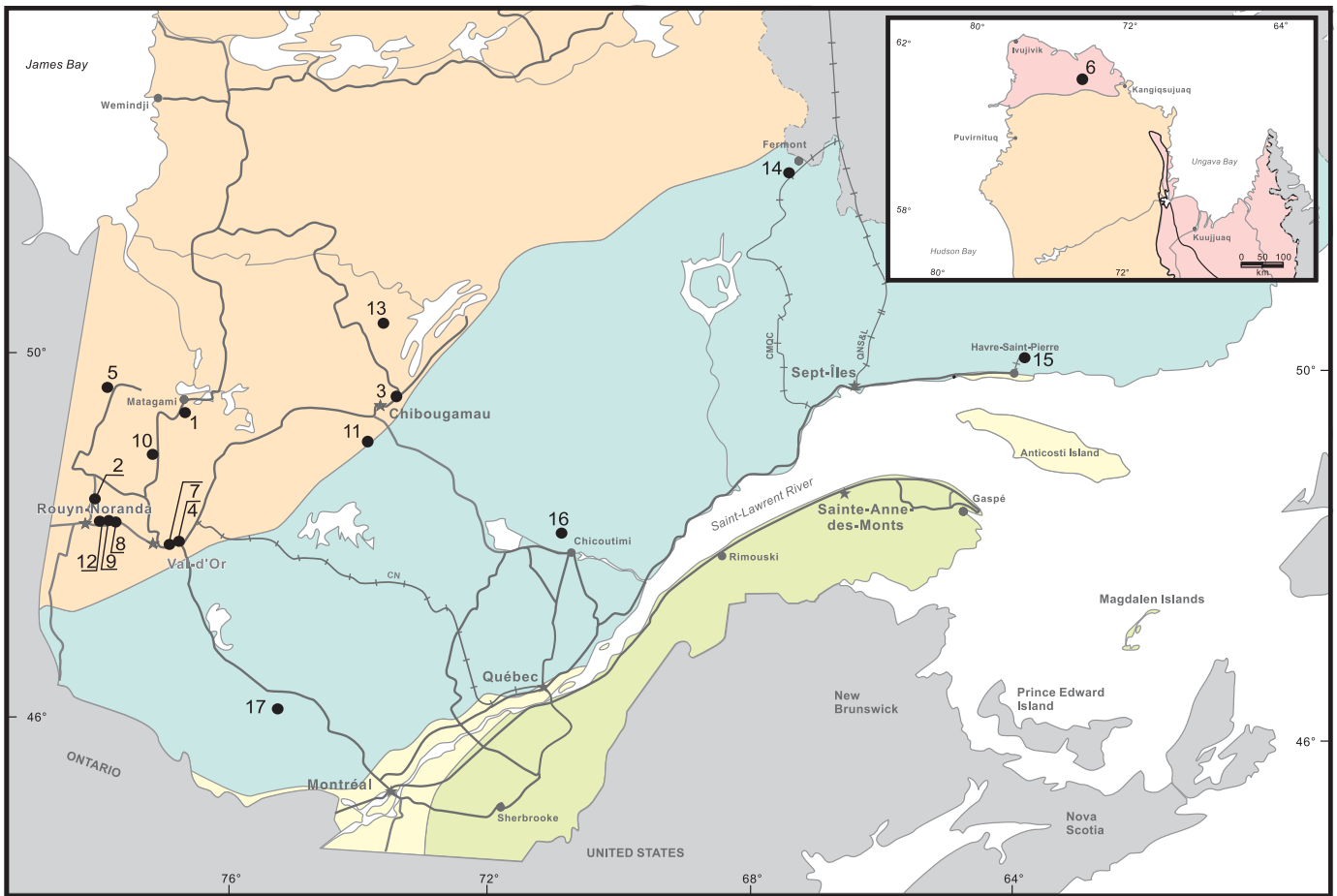


# **Appendix I**

## **Location of producing mines and architectural stone quarries in Québec**



# APPENDIX I



## Active mines

### BASE METALS

- 1 - Bell Allard
- 2 - Bouchard-Hébert
- 3 - Copper Rand
- 4 - Louvicourt
- 5 - Selbaie
- 6 - Raglan

### PRECIOUS METALS

- 7 - Beaufor
- 8 - Donald J. LaRonde
- 9 - Doyon
- 10 - Géant Dormant
- 11 - Joe Mann
- 12 - Mouska
- 13 - Troilus

### OTHER METALS

- 14 - Mont Wright
- 15 - Lac Tio
- 16 - Niobec
- 17 - 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
- 8 Site

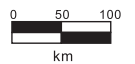


Figure I. Active mines in Québec for 2004 (metallic substances).

# APPENDIX I

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

Site	Mine	Company	Summary description of the deposit	Ore processed in 2004	Metal production in 2004	Ore processing in 2004	Proven mineral reserves (on January 1st 2005)	Probable mineral reserves (on January 1st 2005)	Employees in 2004	Cumulative production	Number of years of production	Township / NTS / Administrative area / Mining district
<b>Base metals : Cu and Zn (Au and Ag)</b>												
1	BellAllard	Noranda Inc.	SMV-type	660 126 t at 1.19% Cu 98 107.18 t Zn 15.92% Zn 161.86 kg Au 0.57 g/t Au 45.87 g/t Ag 0.11% Pb	6 681.99 t Cu 98 107.18 t Zn 161.86 kg Au 12 683.71 kg Ag	Matagami Mine	-	-	175	3 370 175 t at 1.26% Cu 13.94% Zn 0.67 g/t Au 42.34 g/t Ag	2000-2004 (5) End of production October 17, 2004	Gallinée 32F/12 / 10 / Val-d'Or
2	Bouchard-Hébert	Breakwater Resources Ltd	Massive sulfides, (PY-SP-CP) subvertical lenses in rhyolites and pyroclastics	968 835 t at 0.48% Cu 6.11% Zn 0.98 g/t Au 29.38 g/t Ag	3 914 t Cu 54 823 t Zn 537.59 kg Au 9 639.60 kg Ag	Bouchard-Hébert Mine	98 451 t at 0.67% Cu 4.87% Zn 0.74 g/t Au 25.71 g/t Ag	-	131	9 491 659 t at 0.79% Cu 4.90% Zn 1.43 g/t Au 43.41 g/t Ag	1995-20.. (10)	Dufresnoy / 32D/07 / 08 / Rouyn-Noranda
3	Copper Rand	Campbell Resources Inc.	Cu-Au porphyry type. Semi-massive lens of PY-CP-PO	17 216 t at 1.37 g/t Au 5.83 g/t Ag 1.87% Cu	20.09 kg Au 68.86 kg Ag 315.7 t Cu	Copper Rand Mine	N.a.	N.a.	95	14 083 389 t at 3.02 g/t Au 1.80% Cu	1959-1997 2004-20.. (39)	McKenzie / 32C/16 / 10 / Chibougamau
4	Louvicourt	Aur Resources Inc.	VMS-type associated with Val-d'Or Formation, dominated by lapilli ash tuffs and exhalative chert	1 227 575 t at 2.80% Cu 2.00% Zn 0.86 g/t Au 26.30 g/t Ag	31 570.6 t Cu 17 523.7 t Zn 666.2 kg Au 16 012.4 kg Ag	Louvicourt Mine	*** 543 500 t at 2.49% Cu 1.77% Zn 0.90 g/t Au 25.42 g/t Ag	*** 13 500 t at 0.04% Cu 8.78% Zn 0.86 g/t Au 42.67 g/t Ag	215	15 093 416 t at 3.46% Cu 1.57% Zn 0.91 g/t Au 25.91 g/t Ag	1994-20.. (10.5)	Louvicourt / 32C/04 / 08 / Val-d'Or
5	Selbaite	Billiton Metals Canada Inc.	Disseminated SP-PY-CP associated with network veins in a rhyodacite breccia and dacitic welded tuff	346 097 t at 0.3% Cu 1.16% Zn 0.27 g/t Au 26.7 g/t Ag	781 t Cu 2925 t Zn 45.30 kg Au 5 034 kg Ag	Selbaite Mines	-	-	N.a.	53 222 461 t at 0.96% Cu 1.90% Zn 0.58 g/t Au 40.74 g/t Ag	1981-2004 (23) End of production January 21, 2004	Brouillan / 32E/15 / 10 / Rouyn-Noranda
6	Raglan	Québec Mining Raglan Society Ltd	Magmatic massive sulfide lenses at the base of ultramafic flows	935 000 t at 0.94% Cu 3.31% Ni 0.06% Co	7 421 t Cu 27 444 t Ni 200 kg Au (estimated)	Concentrator - Raglan / smelter - Sudbury / refinery - Norway	*** 6 270 000 t at 0.74% Cu 2.63% Ni 0.05% Co	*** 9 380 000 t at 0.81% Cu 2.95% Ni 0.05% Co	N.a.	N.a.	1998-20 (7)	35G/09, 35H/11 et 35H/12 / 10 / Sept-Îles

# APPENDIX I

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

Site	Mine	Company	Summary description of the deposit	Ore processed in 2004	Metal production in 2004	Ore processing in 2004	Proven mineral reserves (on January 1st 2005)	Probable mineral reserves (on January 1st 2005)	Employees in 2004	Cumulative production	Number of years of production	Township / NTS / Administrative area / Mining district
6	Beaufor	Richmont Mines Inc.	Gold-bearing veins located inside of E-W shear zones at the margin of the Bourlamaque batholith	263 896 t at 6.14g/t Au	1620.59 Kg Au	Camflo Mill	164 661 t at 6.98 g/t Au	499 543 t at 8.66 g/t Au	135	1 483 532 t at 7.64 g/t Au	1933-1951 1996-20.. (27)	Pascalis / 32C/04 /08 / Val-d'Or
7	Donald J-LaRonde	Agnico Eagle Mines Ltd	Massive and semi-massive pyrite lenses in sericitized felsic volcanics and metamorphosed and andalusite and kyanite-bearing schists	2 700 650 t at 3.4 g/t Au 86.1 g/t Ag 0.54% Cu 4.03% Zn	8 427.32 Kg Au 201 292.41 Kg Ag 9 150.87 t Cu 90 726.42 t Zn	Concentrator Division LaRonde, Preissac	** 3 506 315 t at 3.0 g/t Au 84.9 g/t Ag 0.33% Cu 4.40% Zn	** 31 528 694 t at 4.3 g/t Au 80.5 g/t Ag 0.31% Cu 2.32% Zn	560	16 892 166 t at 5.37 g/t Au 48.97 g/t Ag 0.44% Cu	1988-20.. (17)	Bousquet / 32D/08 / 08 / <b>Rouyn-Noranda</b>
8	Doyon	Cambior Inc.	Veinlets and disseminated pyrite in sericite schists, in intermediate felsic volcanics and in Mooshla pluton.	1 145 695 t at 3.86 g/t Au 1.75 g/t Ag	4 231.96 Kg Au 1 803.58 Kg Ag	Doyon Mine	*** 1 941 100 t at 5.17 g/t Au	*** 2 281 500 t at 5.52 g/t Au	380	28 031 091 t at 5.74 g/t Au	1980-20.. (25)	Bousquet / 32D/07 / 08 / <b>Rouyn-Noranda</b>
9	Sleeping Giant	Cambior Inc. and Aurizon Mines Ltd	Gold-bearing quartz and sulfides veins at contact between dacitic intrusions and lava flows	192 950 t at 11.1 g/t Au 15.5 g/t Ag	2 083.7 Kg Au 2 956.24 Kg Ag	Sleeping Giant Mine	*** 195 000 t at 11.6 g/t Au 16.2 g/t Ag	*** 293 000 t at 11.7 g/t Au 16.4 g/t Ag	210	2 518 005 t at 10.17 g/t Au	1987-1991 1992-20.. (18)	Chaste / 32F/04 / 10 / Val-d'Or
10	Joe Mann	Campbell Resources Inc.	Sulfides-bearing quartz veins in gabbro and sheared rhyolite	168 275 t at 7.88 g/t Au 5.79 g/t Ag 0.23% Cu	1 218.34 Kg Au 719 Kg Ag 362.88 tm Cu	Campbell Mill (Merrill Island)	N.a.	N.a.	175	4 481 364 t at 8.33 g/t Au	1956-1959 1974-1975 1987-20.. (23)	Rohault / 32C/08 / 10 / <b>Chibougamau</b>
11	Mouska	Cambior Inc.	Quartz veins in the Mooshla diorite close to the northern sheared contact.	26 351 t at 13.05 g/t Au	325.26 Kg Au	Doyon Mine	*** 134 600 t at 16.3 g/t Au 0.6% Cu	*** 142 800 t at 15.4 g/t Au 0.4% Cu	116	N.a.	1991-20.. (14)	Bousquet / 32D/07 / 08 / <b>Rouyn-Noranda</b>
12	Troilus	Inmet Mining Corporation	Au-Cu porphyry in diorite	6 048 675 t at 0.950 g/t Au 0.092% Cu	4 634.74 Kg Au 4 656.88 Kg Ag 4814 tm Cu	Troilus Mine	*** 4 875 496 t at 0.58 g/t Au 0.07% Cu	*** 25 610 629 t at 0.945 g/t Au 0.082% Cu	297	42 286 020 t at 1.124 g/t Au 0.118% Cu	1997-20.. (8)	32O / 01 / 10 / <b>Chibougamau</b>

# APPENDIX I

**Table I - Iron, ilmenite, niobium and graphite production in Québec ( see figure I ).**

Site	Mine	Company	Summary description of the deposit	Total production in 2004	Total shipments in 2004	Shipment of first transformation products in 2004	Reserves (on January 1st 2005)	Employees in 2004	Cumulative production	Years of production	Township / NTS / Administrative area / Mining district
14	Mont Wright	Québec Cartier Mining Company	Specular hematite in meta-morphosed iron formation of the Cagnon Group	11 945 276 cubic meters of iron mineral extract	13 233 150 t	9 097 067 t (pellets) 4 136 083 t (concentrate)	N.a.	1 800 (Mt-Wright + Port-Cartier)	N.a.	1976-20.. (28)	Normanville / 23B/14, 23B/11 et 23B/09 / 09 / Sept-Îles
15	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.	N.a.	N.a.	1950-20.. (54)	Parker / 12L/09 et L/11 / 09 / Sept-Îles
16	Niobec	Cambior Inc.	Pyrochlore in the St-Honoré carbonatite	1 334 000 t at 0.71% Nb <sub>2</sub> O <sub>5</sub>	N.a.	Niobec Mine (ferro-niobium an aluminothermic converter)	16 067 854 t at 0.64% Nb <sub>2</sub> O <sub>5</sub> (proven) 8 187 694 t à 0.71% Nb <sub>2</sub> O <sub>5</sub> (probable)	230	N.a.	1976-20.. (28)	Simard / 22D/11 / 05 / Montréal-Estrie-Laurentides
17	Lac-des-Îles	Timcal Canada Inc.	Disseminated graphite flakes in crystalline limestone with quartzite horizons	12 500 t graphite	N.a.	Do not apply	Confidential data	47	N.a.	1989-20.. (16)	Bouthillier / 31J/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 to the CIM standards.

The reserves compiled in this table take into consideration: \*

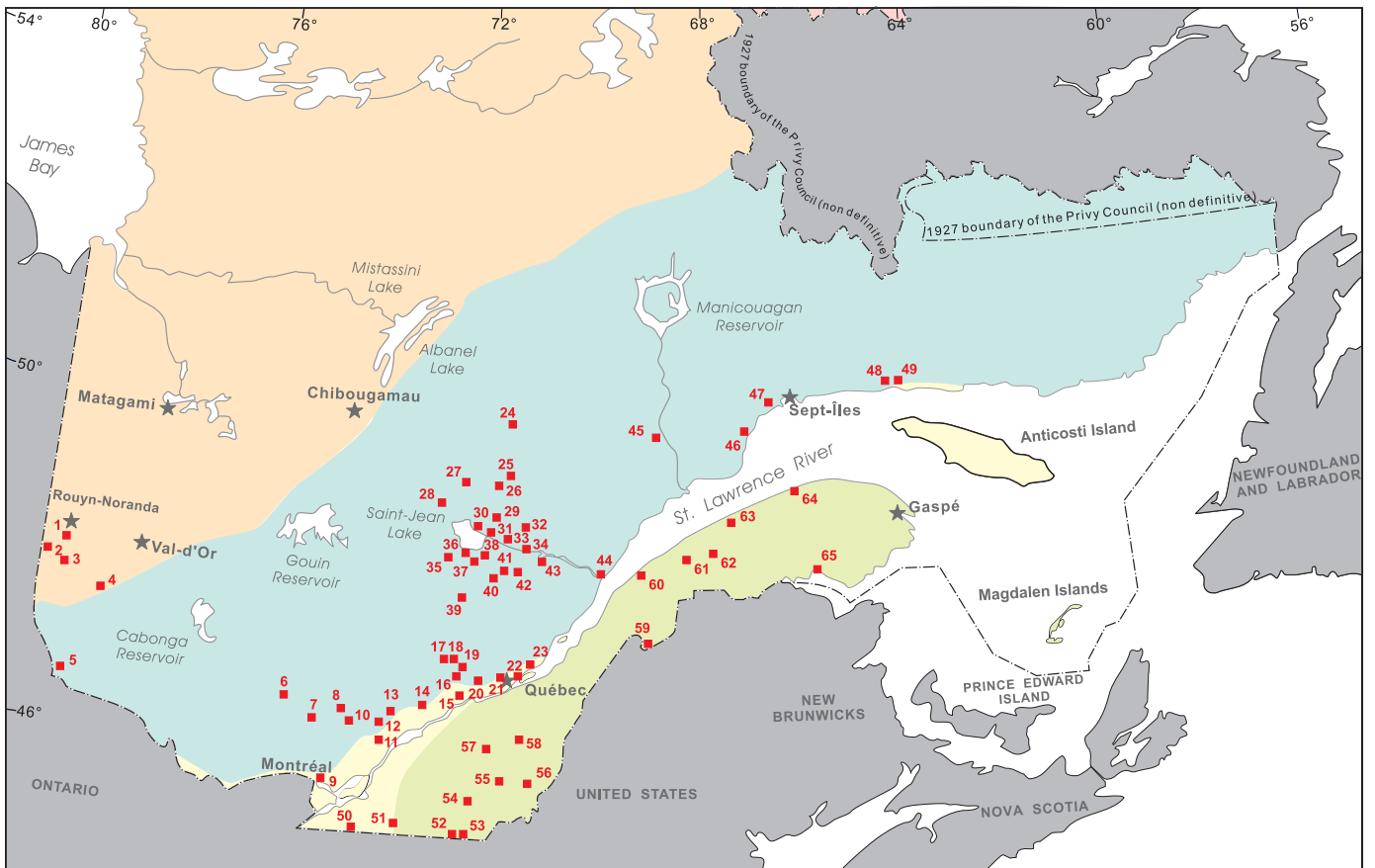
\*\* Ore losses

\*\*\* Ore dilution

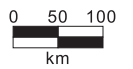
\*\*\*\* Ore losses and ore dilution

\*\*\*\*\* none of those factors

# APPENDIX I



■ Architectural stone

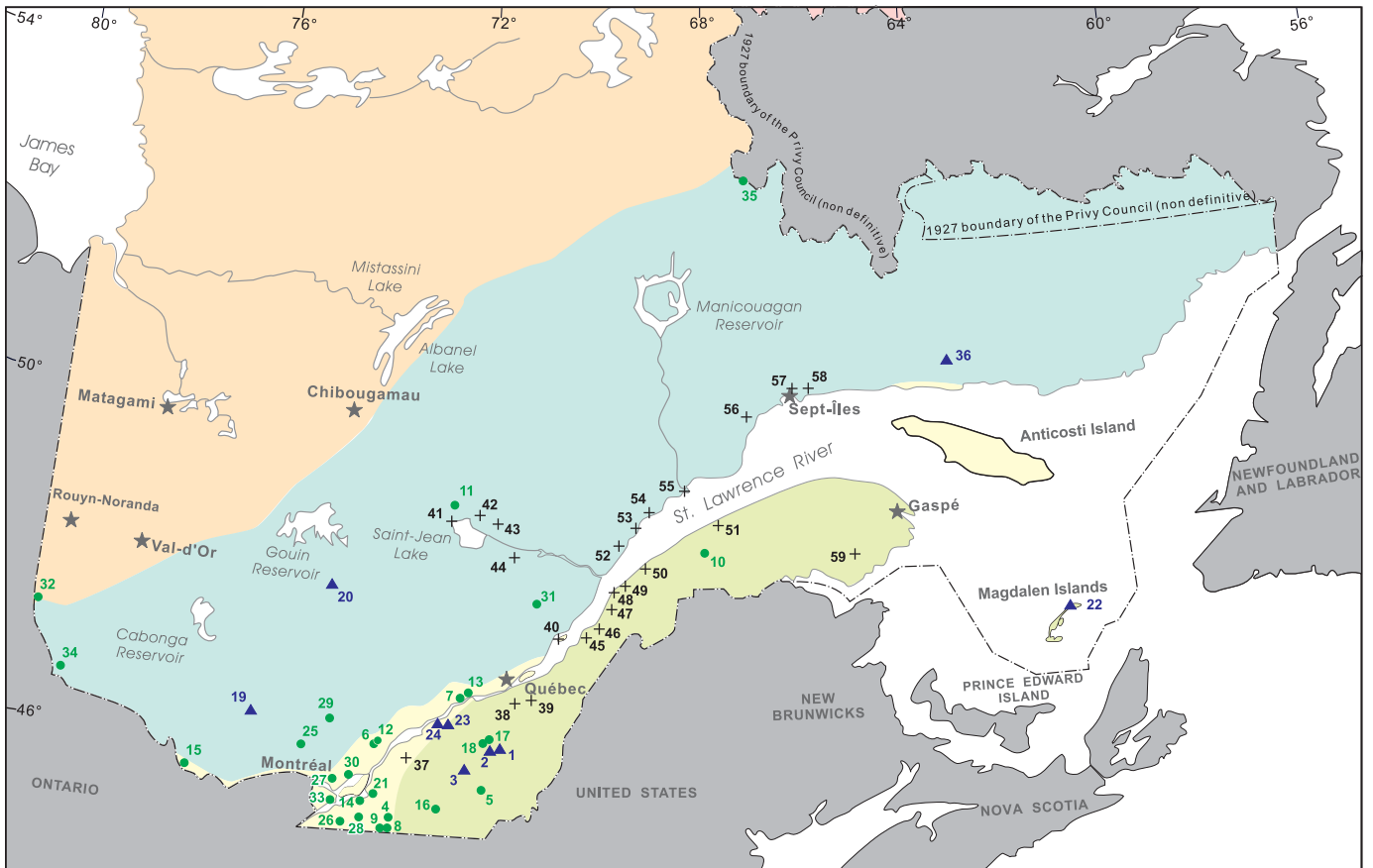


## GEOLOGICAL PROVINCES

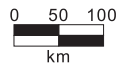
- St. Lawrence Platform
- Appalachians
- Grenville
- Superior
- New Québec and Torngat orogens, Rae Province and Ungava Trough

**Figure II.** Architectural stone quarries exploited in Québec for 2004 (for details, see table II).

# APPENDIX I



- Industrial stones
  - ▲ Industrial minerals
  - + Peat
- GEOLOGICAL PROVINCES
- St. Lawrence Platform
  - Appalachians
  - Grenville
  - Superior
  - New Québec and Torngat orogens, Rae Province and Ungava Trough



**Figure III.** Peat deposits, industrial minerals and stone quarries in production in Québec during 2004 (for details, see table III).



# APPENDIX I

TABLE II – Architectural stone quarries exploited in Québec during 2004 (see figure II).

SITE	LOCATION	COMPANIES	ROCK TYPE – PRODUCTS (1)	COMMERCIAL NAME	NTS – ADMINISTRATIVE REGION	TITLE
1	Beaudry	Les Pierres du Nord	Biotite schist - BS	Nordic Schist	32 D/03 - 08	BEX 086
2	Dasserat	Granitlab International Inc.	Granite - DS, MO	Cheminis Grey	31 M/14 - 08	BEX 175
3	Rémigny	Granitlab International Inc.	Granite - DS, MO	Sable Pink	31 M/14 - 08	BEX 171
4	Winneway	Polycor Inc.	Granite - DS	Winneway	31 M/09 - 08	BEX 167
4	Winneway	Polycor Inc.	Granite - DS	Winneway	31 M/09 - 08	BEX 323
5	Téminscaming	Les Pierres du Nord	Muscovite quartzite - BS	Aventurine	31 L/10 - 08	BEX 355
6	Guénette	Rock of Ages Canada Ltd	Monzogranite - DS, MO	Laurentian Pink, Autumn Pink	31 J/11 - 15	CM 079
7	Labelle	Les Pierres Mitchell Inc.	Paragneiss - BS	-	31 J/07 - 15	BEX 330
7	Labelle	Les Pierres Mitchell Inc.	Paragneiss - BS	-	31 J/07 - 15	BEX 337
7	Labelle	Les Pierres Naturelles Durand Enr.	Paragneiss - BS	-	31 J/07 - 15	BEX 076
8	Saint-Donat-de-Montcalm	Carrières F. L. Inc.	Gneiss - BS	-	31 J/08 - 14	BEX 140
9	Mirabel	Les Pierres Saint-Canut Ltée	Sandstone - BS	Saint-Canut Sandstone	31 G/09 - 15	No
10	Notre-Dame-de-la-Merci	A. Lacroix et Fils Granit Ltée	Anorthosite - DS	Orion	31 J/05 - 14	BEX 255
11	Joliette	Firstake Capital Corporation	Limestone - BS	Joliette Gris, Joliette Jaune	31 J/03 - 14	No
12	Saint-Didace	A. Lacroix et Fils Granit Ltée	Quartz mangerite - DS	Nordix Red	31 J/06 - 14	No
13	Saint-Alexis-des-Monts	Firstake Capital Corporation	Quartz mangerite - DS	Diamond Brown, Auburn	31 J/06 - 04	BEX 174
13	Saint-Alexis-des-Monts	Granicor Inc.	Quartz mangerite - DS, CS	Autumn Brown	31 J/06 - 04	No
13	Saint-Alexis-des-Monts	Les Carrières Diamond	Quartz mangerite - DS	Diamond Brown, Auburn	31 J/06 - 04	No (2 quarries)
13	Saint-Alexis-des-Monts	Polycor Inc.	Quartz mangerite - DS	Newton Brown	31 J/06 - 04	No
14	Shawinigan	Les Entreprises Élie Grenier Inc.	Gneiss - BS	-	31 J/10 - 04	No
15	Saint-Marc-des-Carrières	Graymont (Portneuf) Inc.	Limestone - DS	Saint-Marc Limestone	31 J/09 - 03	No
15	Saint-Marc-des-Carrières	Les Pierres de Rocaille du Québec	Limestone - BS	-	31 J/09 - 03	No
16	Rivière-à-Pierre	Granicor Inc.	Farsundite - DS, CS	New New	31 J/16 - 03	No
16	Rivière-à-Pierre	Polycor Inc.	Quartz mangerite - DS	Boreal Green	31 J/16 - 03	BEX 333
16	Rivière-à-Pierre	Polycor Inc.	Farsundite - DS	Riviera	31 J/16 - 03	BEX 114
16	Rivière-à-Pierre	Polycor Inc.	Farsundite - DS	Blue Grey	31 J/16 - 03	No

# APPENDIX I

TABLE II – Architectural stone quarries exploited in Québec during 2004 (see figure II).

SITE	LOCATION	COMPANIES	ROCK TYPE – PRODUCTS (1)	COMMERCIAL NAME	NTS – ADMINIS- TRATIVE REGION	TITLE
17	Rivière-à-Pierre	A. Lacroix et Fils Granit Ltée	Gneiss - DS	Silver Mist	31 P/01 - 03	BEX 378
18	Rivière-à-Pierre	A. Lacroix et Fils Granit Ltée	Quartz mangerite - DS	Atlantic Blue	31 P/01 - 03	BEX 178, 372
18	Rivière-à-Pierre	Polycor Inc.	Quartz mangerite - DS	Galaxy Blue	31 P/01 - 03	BEX 401
19	Rivière-à-Pierre	A. Lacroix et Fils Granit Ltée	Farsundite - DS	Deer Brown, Atlantic Green, Deer Brown D.D.	31 P/01 - 03	BM 723, 746
19	Rivière-à-Pierre	A. Lacroix et Fils Granit Ltée	Farsundite, quartz mangerite - DS	Forest Green, Atlantic Green, Atlantic Blue	31 P/01 - 03	CM 488
19	Rivière-à-Pierre	A. Lacroix et Fils Granit Ltée	Quartz mangerite - DS	Forest Green	31 P/01 - 03	BEX 349
19	Rivière-à-Pierre	Granicor Inc.	Quartz mangerite, farsundite - DS, CS	Nara	31 P/01 - 03	BEX 231
19	Rivière-à-Pierre	Granicor Inc.	Farsundite - DS, CS	Abbey Rose	31 P/01 - 03	No
19	Rivière-à-Pierre	Granicor Inc.	Quartz mangerite, quartz jotunite - DS, MO, CS	Prairie Green	31 P/01 - 03	BEX 164, 165
19	Rivière-à-Pierre	Granite D R C Inc. / Gesrock	Farsundite - DS, BS, CS	Canadian Caledonia, Boca Dark	31 P/01 - 03	No
19	Rivière-à-Pierre	Polycor Inc.	Farsundite - DS, CS	Caledonia Dark	31 P/01 - 03	BEX 033
19	Rivière-à-Pierre	Polycor Inc.	Farsundite - DS, CS	Caledonia Light, Caledonia Dark	31 P/01 - 03	No
20	Saint-Raymond	A. Lacroix et Fils Granit Ltée	Gneiss - DS	Rainbow	21 L/13 - 03	No
21	Charlesbourg	Construction B. M. L.	Limestone - BS	-	21 L/14 - 03	No
21	Québec	Pierre S.D.	Limestone - BS	-	21 L/14 - 03	No
21	Sainte-Foy	Agrégats Ste-Foy Inc.	Gneiss - BS	-	21 L/14 - 03	No
22	Château-Richer	Carrière Laplante Enr.	Limestone - BS	-	21 L/14 - 03	No
23	Saint-Joachim	Ladufo Inc.	Limestone - BS	-	21 M/02 - 03	No
24	Chute-des-Passes	A. Lacroix et Fils Granit Ltée	Gneiss - DS	New Rainbow	22 E/14 - 02	BEX 377
25	Chute-des-Passes	Polycor Inc.	Gabbroic anorthosite - DS	Kodiac	22 E/06 - 02	BEX 402
26	Chute-des-Passes	Polycor Inc.	Farsundite - DS	Astra	22 E/04 - 02	BEX 001
27	Mistassini	A. Lacroix et Fils Granit Ltée	Monzogabbro - DS	Quincy	32 H/01 - 02	BEX 351, 352

# APPENDIX I

**TABLE II – Architectural stone quarries exploited in Québec during 2004 (see figure II).**

SITE	LOCATION	COMPANIES	ROCK TYPE – PRODUCTS (1)	COMMERCIAL NAME	NTS – ADMINISTRATIVE REGION	TITLE
28	Saint-Thomas-Didyme	Granicor Inc.	Quartz mangerite - DS, CS	Acajou	32 A/15 - 02	No
29	Chute-du-Diable	Granicor Inc.	Anorthosite - DS, MO, CS	Peribonka	22 D/13 - 02	No
29	Chute-du-Diable	Granicor Inc.	Anorthosite - DS, MO, CS	Peribonka	22 D/13 - 02	No
30	Saint-Henri-de-Taillon	Granit Aurélien Tremblay Inc.	Anorthosite - DS, MO, CS	Northern Black	22 D/12 - 02	No
31	Saint-Nazaire	A. Lacroix et Fils Granit Ltée	Leucogabbrobronorite - DS	Atlantic Black, Nordix Green	22 D/12 - 02	BEX 148
31	Saint-Nazaire	A. Lacroix et Fils Granit Ltée	Leucogabbrobronorite - DS	Nordix Green, Atlantic Black, Forest Black	22 D/12 - 02	No (2 quarries)
31	Saint-Nazaire	Granicor Inc.	Leucogabbrobronorite - DS, MO, CS	Cambrian	22 D/12 - 02	BEX 332
31	Saint-Nazaire	Polycor Inc.	Leucogabbrobronorite - DS, MO	Cambrian Black	22 D/12 - 02	BM 705 (2 quarries)
32	Saint-Honoré	Les Pierres Naturelles Tremblay	Limestone - BS	-	22 D/11 - 02	No
33	Bégin	A. Lacroix et Fils Granit Ltée	Quartz mangerite - DS	Atlantic Pink	22 D/11 - 02	No
33	Bégin	Granicor Inc.	Quartz mangerite - DS, CS	Granville	22 D/11 - 02	No
33	Bégin	Granit Aurélien Tremblay Inc.	Quartz mangerite - DS	Wild Pink	22 D/11 - 02	No
34	Tremblay	Carrière 500	Limestone - BS	-	22 D/06 - 02	No
35	Saint-François-de-Sales	Granit Aurélien Tremblay Inc.	Quartz mangerite - DS	Spring Green	32 A/08 - 02	BEX 203
36	Chambord	Granit Aurélien Tremblay Inc.	Limestone - DS	Chambord Limestone	32 A/08 - 02	No
37	Saint-André-du-Lac-Saint-Jean	Jean-Guy Simard et Fils	Quartz mangerite - DS	Saint-André Green	22 D/05 - 02	BEX 080
38	Métabetchouan	Polycor Inc.	Farsundite - DS	Canadian Violetta	22 D/05 - 02	No
39	La Tuque	Granitlab International Inc.	Gabbro - DS	Heritage Black	31 P/16 - 04	BEX 405, BNEP 880
40	Réserve faunique des Laurentides	Granicor Inc.	Quartz mangerite - DS, CS	Laurentian Green	22 D/04 - 02	BEX 421
40	Réserve faunique des Laurentides	Polycor Inc.	Quartz jotunite - DS, MO	Laurentian Green	22 D/04 - 02	BEX 210, 228
41	Réserve faunique des Laurentides	Granit Aurélien Tremblay Inc.	Farsundite - DS	Autumn Harmony	22 D/03 - 02	BEX 225
42	Laterrière	Firstake Capital Corporation	Stromatolite dolostone block-BS	Pikauba	22 D/03 - 02	BEX 343

# APPENDIX I

TABLE II – Architectural stone quarries exploited in Québec during 2004 (see figure II).

SITE	LOCATION	COMPANIES	ROCK TYPE – PRODUCTS (1)	COMMERCIAL NAME	NTS – ADMINIS-TRATIVE REGION	TITLE
43	La Baie	Granicor Inc.	Farsundite - DS, CS	Polychrome	22 D/07 - 02	No
43	La Baie	Polycor Inc.	Farsundite - DS	Polychrome	22 D/07 - 02	No
44	Grandes-Bergeronnes	Granicor Inc.	Gneiss - DS, CS	Tadoussac	22 C/04 - 09	No
45	Manic 3	Granijem Inc. / Granit C. Rouleau Inc.	Gneiss - DS	Manic Pink	22 F/15 - 09	BNEP 865
46	Rivière-Pentecôte	Polycor Inc.	Anorthosite - DS	Nordic Black	22 C/14 - 09	BEX 155
47	Gallix	Polycor Inc.	Gneiss - DS	Gallix	22 J/02 - 09	BEX 262
48	Magpie	Polycor Inc.	Hypersthene syenite - DS	Picasso	22 I/07 - 09	BEX 419,
49	Magpie	Granijem Inc.	Hypersthene syenite - DS	Verde Anticosti	22 I/08 - 09	BEX 436
50	Havelock	Carrières Ducharme Inc.	Sandstone - BS	Ducharme	31 H/04 - 16	No (2 quarries)
51	Saint-Armand	NAMCA Inc.	Marbled limestone - DS	Fiore de Aqua, Sea Green	31 H/03 - 16	No
52	Stanstead	Centre du Granite Beebe Inc.	Granodiorite - DS, BS	Beverly Grey	31 H/01 - 05	No
52	Stanstead	Granit Marlinton Granite Inc.	Granodiorite - DS, BS	Stanstead Grey	31 H/01 - 05	No
52	Stanstead	Granit Expert Entr.	Granodiorite - DS	Diamond Grey	31 H/01 - 05	No
52	Stanstead	Polycor Inc.	Granodiorite - DS, MO	Stanstead Grey	31 H/01 - 05	No
52	Stanstead	Rock of Ages du Canada Ltd	Granodiorite - DS, MO	Stanstead Grey	31 H/01 - 05	No
53	Stanhope	Granicor Inc.	Granodiorite - DS, MO, CS	Snow White	21 E/04 - 05	No
54	Bromptonville	Ardobec Inc.	Slate - BS	-	21 E/05 - 05	No
54	Bromptonville	Ardoise 55 Inc.	Slate - DS, BS	-	21 E/05 - 05	No
55	Saint-Gérard	Granit Aurélien Tremblay Inc.	Granite - DS	Birch White, Frosty Green	21 E/11 - 05	CM 170, CM 308, CM 336, CM 400, CM 521
56	Saint-Sébastien	Polycor Inc.	Granite - DS	San Sebastian Grey	21 E/10 - 05	No
57	Saint-Ferdinand	Les Carrières St-Ferdinand Inc.	Sandstone, dolomite - BS	-	21 L/04 - 17	No
58	East Broughton	Les Pierres Stéatites Inc.	Steatite, talc-carbonate rock, serpentinite - RS	-	21 L/03 - 12	No
59	Saint-Marc-du-Lac-Long	Glendyne Inc.	Slate - BS, UT	La Canadienne, La Québécoise	21 N/07 - 01	No
60	Saint-Mathieu	J.-C. Ouellette	Sandstone - BS	-	22 C/03 - 01	No

# APPENDIX I

**TABLE II – Architectural stone quarries exploited in Québec during 2004 (see figure II).**

SITE	LOCATION	COMPANIES	ROCK TYPE – PRODUCTS (1)	COMMERCIAL NAME	NTS – ADMINISTRATIVE REGION	TITLE
61	Mont-Lebel	Entreprises Antoine Jean Inc.	Siltstone - BS	-	22 C/08 - 01	No
61	Mont-Lebel	Les Pierres Naturelles du Québec	Siltstone - BS	-	22 C/08 - 01	No
62	Saint-Cléophas	Carrière Bernier	Siltstone - BS	-	22 B/05 - 01	No (2 quarries)
63	Sainte-Félicité	Polycor Inc.	Sandstone - DS	Matanais Sandstone	22 B/14 - 01	No
64	Petite-Tourelle	Polycor Inc.	Sandstone - DS	Citadelle Sandstone	22 C/01 - 11	No
65	Maria	NAMCA Inc.	Limestone breccia - DS	Cascapedia	22 A/04 - 11	No

1 = See abbreviation list in appendix II.

# APPENDIX I

TABLE III - Peat, industrial minerals and stone quarries in production in Quebec during 2004 (see figure III).

SITE	QUARRY, PEAT DEPOSIT	COMPANIES	DESCRIPTION OF DEPOSIT	PRODUCTS	TOWNSHIPS / NTS / ADM. AREA
<b>Asbestos (chrysotile)</b>					
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.	Vein 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
<b>Limestone, dolomite and marble</b>					
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	Lavalrie / 31 I/03 / 14
7	Calco	Graymont (Portneuf) Inc.	Deschambault Formation limestone products	Crushed stone, crushed limestone for industrial use	Seignory of Grondines / 31 I/09 / 03
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	Awanjish / 22 B/05 / 01
11	Pères Trapistes	Les Calcites du Nord Inc.	Calcitic marble	White granules for artificial stone, sand for masonry, soil improvement	Pelletier / 32 A/16 / 02
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 / 03
14	Ciment Lafarge	Lafarge Canada Inc.	Trenton Group limestone and Black River Group limestone	Cement production	Sault-Saint-Louis / 31 H/05 / 16
15	Portage-du-Fort (Closed in october 2004)	Les Minéraux Séquia Inc. (Dolomex Division)	Dolomitic marble	White aggregates, granules products (agriculture, horticulture), powders	Litchfield / 31 F/10 / 07

# APPENDIX I

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SITE	QUARRY, PEAT DEPOSIT	COMPANIES	DESCRIPTION OF DEPOSIT	PRODUCTS	TOWNSHIPS / NTS / ADM. AREA
16	Soca	Agrégats Waterloo Inc.	Stukely-south Fault dolomitic marble	High grade magnesium soil improvement, terrazzo granules, decorative crushed stone	Stukely / 31 H/08 / 05
17	Saint-Ferdinand	Les Carrières Saint-Ferdinand Inc.	Oak Hill Group dolomite	High grade magnesium soil improvement	Halifax / 21 L/04 / 17
18	Trottier Mills	Les Carrières Saint-Ferdinand Inc.	Oak Hill Group dolomite	High grade magnesium soil improvement	Chester / 21L04 / 17
<b>Graphite</b>					
19	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
<b>Phlogopite</b>					
20	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 / 04
<b>Mineral clay</b>					
21	Briqueterie Saint-Laurent	Les Briques Hanson Ltée	Formation Nicolet Shale	Door face brick	La Prairie / 31 H06 / 06
<b>Salt</b>					
22	Seleine	La Société canadienne de sel (Mine Seleine division)	Carboniferous salt dome	De-icing salt	Îles-de-la-Madeleine / 11 N/12 /11
23	Puits Bécancour 1,2, and 3	Junex Inc. (Junex Solhat division)	Brines	De-icing products and dust reducers	Bécancour / 31 I/08 / 17
24	Puit Saint-Angèle- de-Laval	Junex Inc. (Junex Solhat division)	Brines	De-icing products and dust reducers	Bruyere / 31 I/08 / 17
<b>Silica</b>					
25	Saint-Rémi d'Amherst	Société minière Cerdin Inc.	Quartzite	Silica sand for cement works	Amhurst / 31 G/15 / 15
26	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
27	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
28	Sainte-Clotilde	Les Sables Silco Inc.	Postdam Group sandstone	Siliceous crushed stone for cement works and ferro-silicon	Beauharnois-1 / 31 H/04 / 16

# APPENDIX I

**TABLE III - Peat, industrial minerals and stone quarries in production in Quebec during 2004 (see figure III).**

SITE	QUARRY, PEAT DEPOSIT	COMPANIES	DESCRIPTION OF DEPOSIT	PRODUCTS	TOWNSHIPS / NTS / ADM. AREA
29	Saint-Donat	Unimin Canada Ltd (Saint-Donat division)	Quartzite	Silica sand	Lussier / 31 J/08 / 14
30	Saint-Joseph- du-Lac	La Compagnie Bon Sable Ltée (Ormstown division)	Natural sand	Washed sand for masonry and sandblasting	Lac-des-Deux-Montagnes-1 / 31 H/12 / 15
31	Petit lac Malbaie	Sitec Inc.	Quartzite	Silica pieces for silicon metal and silica sand for silicon carbide	Charlevoix / 21 M/15 / 03
32	Saint-Bruno-de- Guigues	Temisca Inc.	Ordovician sandstone	Sand for filtration, foundry, hydraulic fracturing	Guigues / 31 M/05 / 08
33	Chromasco	Richard Capuano Inc.	Postdam Group sandstone	Siliceous crushed stone for construction, cement works and ferro-silicon	Beauharnois / 31 H/05 / 16
34	Lac Beauchêne	Les Pierres du Nord Inc.	Kipawa Formation muscovite quartzite	Quartz granules for artificial stone	Campeau / 31 L/10 / 08
35	Lac Daviault	Exploration Quebec / Labrador Inc.	Wishart Formation quartzite, Gagnon Group	Quartz granules for artificial stone	Lislois / 23 B/14 / 09
<b>Ilmenite</b>					
36	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 / 09
<b>Peat</b>					
37	Saint-Bonaventure	Fafard et Frères (Saint-Bonaventure branch)	Peat	Sphagnum peat moss, growing media, composts, biofilters	Upton / 31 H/15 / 04
38	Saint-Henri-de- Lévis	Premier Horticulture (Saint-Henri branch)	Peat	Sphagnum peat moss	Seigniory of Lauzon / 21 L/11 / 12
39	Saint-Charles	Les tourbes M.L. (Saint-Charles branch)	Peat	Sphagnum peat moss, growing media	Seigniory of Lauzon and La Martinière fief (Beauchamp) / 21 L/10 / 12
40	Île-aux-Coudres	Tourbières Pearl	Peat	Sphagnum peat moss	Seigniory of Île-aux-Coudres / 21 M/08 / 03
41	Sainte-Marguerite	Fafard et Frères (Sainte-Marguerite branch)	Peat	Sphagnum peat moss	Racine / 32 A/16 / 02
42	L'Ascension Ouest	Tourbières Lambert (L'Ascension branch)	Peat	Sphagnum peat moss	Garnier / 22 D/13 / 02
43	Saint-Ludger-de- Milot SW	Fafard et Frères (Milot branch)	Peat	Sphagnum peat moss	Milot / 22 D/13 / 02



# APPENDIX I

**TABLE III - Peat, industrial minerals and stone quarries in production in Quebec during 2004 (see figure III).**

SITE	QUARRY, PEAT DEPOSIT	COMPANIES	DESCRIPTION OF DEPOSIT	PRODUCTS	TOWNSHIPS / NTS / ADM. AREA
44	La Baie	Gagnon Savard Saguenay Inc.	Peat	Sphagnum peat blocks and sphagnum peat moss	Bagot / 22 D/07 / 02
45	Rivière Ouelle	Tourbières Lambert (Rivière-Ouelle branch)	Peat	Sphagnum peat moss, growing media, bulk sphagnum moss fibers	Seigniorie of Rivière-Ouelle / 21 N/05 / 01
46	Saint-Alexandre	Tourbière Berger Inc. (Saint-Alexandre branch)	Peat	Sphagnum peat moss	Seigniories of Islets-du-Portage and Lachenaie / 21 N/12 / 01
47	Notre-Dame-du-Portage	Premier Horticulture (Tardif branch)	Peat	Sphagnum peat moss	Seigniorie of Terrebois / 21 N/12 / 01
48	Rivière-du-Loup	Premier Horticulture (Premier branch)	Peat	Sphagnum peat moss, growing media, composts, mycorrhizases, biofilters	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14 / 01
48	Rivière-du-Loup	Premier Horticulture (Verbois branch)	Peat	Sphagnum peat moss	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14 / 01
48	Rivière-du-Loup	Premier Horticulture (Saint-Laurent branch)	Peat	Sphagnum peat moss	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14 / 01
48	Rivière-du-Loup	Tourbière Michaud Ltée	Peat	Sphagnum peat moss	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14 / 01
48	Rivière-du-Loup	Les tourbes M.L. (Rivière-du-Loup branch)	Peat	Sphagnum peat moss	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14 / 01
48	Rivière-du-Loup	Tourbière Berger Inc.	Peat	Sphagnum peat moss, growing media, peat pellets	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14 / 01
48	Rivière-du-Loup	Tourbière Henri Théberge et associés	Peat	Sphagnum peat moss	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14 / 01
48	Rivière-du-Loup	Tourbière Omer Bélanger	Peat	Sphagnum peat moss	Seigniories of Rivière-du-Loup and Cacouna / 21 N/13-14 / 01
49	Isle-Verte, Est	Tourbière Réal Michaud et fils	Peat	Sphagnum peat moss	Seigniorie of Isle-Verte / 22 C/03 / 01
50	Saint-Eugène-de-Ladrière	La tourbière Yvon Bélanger	Peat	Sphagnum peat moss	Seigniorie of Nicolas-Rioux 03 / 22 C/07 / 01
50	Saint-Fabien-sur-Mer	La tourbière Rio-Val	Peat	Sphagnum peat moss	Seigniorie of Nicolas-Rioux 03 / 22 C/07 / 01
50	Saint-Fabien	Tourbière du Port-Pic	Peat	Sphagnum peat moss	Seigniorie of Nicolas-Rioux 03 / 22 C/07 / 01
50	Saint-Fabien	Tourbière Berger Inc. (Saint-Fabien branch)	Peat	Sphagnum peat moss	Seigniorie of Nicolas-Rioux 03 / 22 C/07 / 01

# APPENDIX I

**TABLE III - Peat, industrial minerals and stone quarries in production in Quebec during 2004 (see figure III).**

SITE	QUARRY, PEAT DEPOSIT	COMPANIES	DESCRIPTION OF DEPOSIT	PRODUCTS	TOWNSHIPS / NTS / ADM. AREA
51	Rivière-Blanche	Premier Horticulture (Saint-Ulric branch)	Peat	Sphagnum peat moss	Matane / 22 B/13 / 01
51	Saint-Ulric	Les tourbes M.L. (Saint-Ulric branch)	Peat	Sphagnum peat moss	Matane / 22 B/13 / 01
52	Les Escoumins	Tourbières Lambert (Anse-aux-Basques branch)	Peat	Sphagnum peat moss	Bergeronnes / 22 C/06 / 09
53	La Petite Romaine	Tourbières Lambert (Saint-Paul-du-Nord branch)	Peat	Sphagnum peat moss	Iberville / 22 C/06 / 09
54	Sainte-Thérèse Colombier	Tourbière Omer Bélanger (Ste-Thérèse branch)	Peat	Sphagnum peat moss	Betsiamites / 22 C/15
55	Pointe-Lebel	Pemier Horticulture (Sogevex branch)	Peat	Sphagnum peat moss	Manicouagan / 22 F/01 / 09
56	Port-Cartier Ouest	Les tourbes M.L. (Port-Cartier branch)	Peat	Sphagnum peat moss, sphagnum peat blocks	Babel / 22 J/02 / 09
56	Port-Cartier Ouest	Exportations Daniel Sage Inc.	Peat	Sphagnum peat moss	Babel / 22 J/02 / 09
57	Ville de Sept-Îles	Les tourbes M.L. (Sept-Îles peat branch)	Peat	Sphagnum peat moss	Letelier / 22 I/05 / 09
58	Rivière Moisie	Premier Horticulture (Sept-Îles branch)	Peat	Sphagnum peat moss	Moisie / 22 I/05 / 09
59	Saint-Jacques	Shigawake Organics Ltd	Peat	Sphagnum peat moss	Hope / 22 A/03 / 11