

Please correct the name or address, if necessary

This information is required under Québec's Mining Act. The Minister of Energy and Natural Resources has delegated the responsibility of managing the mining statistics program to the Institut de la statistique du Québec. The Institut has entered into an agreement in order to send information on this program to:

- (a) the Minister of Energy and Natural Resources;
- (b) Natural Resources Canada;
- (c) Statistics Canada.

Instructions

- Please **complete and return** this form to:
Institut de la statistique du Québec
200, chemin Sainte-Foy, 2e étage
Québec (Québec) G1R 5T4
Telephone toll free: 1 800 561-0213
Fax toll free: 1 866 802-6282
- Keep a copy for your files.
- **RETURN THE FORM BEFORE OCTOBER 31, 2020**

1.0 RATIONALE

This survey is the only consistent and reliable source of mineral exploration, deposit appraisal and mine complex development statistics for Québec and Canada. These statistics provide both industry and governments with the basis for monitoring exploration levels and for understanding the economics of the mineral development cycle. The accuracy of the survey depends on you. For guidance on how to complete the questionnaire, consult the Quick index, Reporting Guide and Guidelines.

2.0 PROVINCE OR TERRITORY COVERED BY THIS REPORT

QUÉBEC

Separate reports are required for each province or territory in which exploration, deposit appraisal or mine complex development activities occur. Include activities related to metals and non-metals, but exclude activities related to oil and gas.

Please report for all properties for which you are the operator.

3.0 PERIOD COVERED BY THIS REPORT

For the purpose of this survey, PLEASE REPORT FINAL EXPENDITURES FOR THE PERIOD JANUARY 1 TO DECEMBER 31. In the event that your accounting records do not provide the detail required, your best estimate will be acceptable.

Are your figures reported for the calendar year?
(1-Yes, 2-No)?

3.1 ABORIGINAL EMPLOYMENT

According to your records, indicate the approximate number of Aboriginal people employed by your organization in 2020. _____

5.0 ACTIVITY

Do you have any expenditures to report for 2020? (1-Yes, 2-No)
 ▶ If yes, please complete Page 2 and onward.

Do you plan on making any expenditures in 2021? (1-Yes, 2-No)
 ▶ If yes, please complete bottom of this page.

If NO, check appropriate reason: 2020 2021

- 5.1 Not project operator 2020 2021
- 5.2 No work performed during the year (see Line 14.18)
- 5.3 No property(ies) or interest in any property this year or in future
- 5.4 Property(ies) optioned to/sold to:

- 5.5 Company defunct or no longer in the mining sector

4.0 JOINT VENTURES OR PARTNERSHIPS

In order to avoid duplication in the reporting of the expenditures, joint venture or partnership projects should be reported only by the operator, e.g. the company responsible for the accounting records for the joint venture or partnership.

Do you have at least one joint venture? (1-Yes, 2-No)?

If YES, and you are not the project operator, specify the operator and the project names in the "Comments section".

6.0 CHANGE IN COMPANY CONTROLLING OWNERSHIP

Controlling ownership is defined as the person, group of persons, agency, or incorporated body or level of government controlling the largest single block of voting rights or at least 50% of the voting rights.

6.1 (i) Did any change of ownership occur during 2020? (1-Yes, 2-No)

6.2 (ii) If sold during 2020, provide name and address of new owner:

6.2.1 Name _____

6.2.2 Address:

7.0 Comments:

2021 INTENTIONS (\$) BY WORK PHASE FOR ALL PROJECTS, MINES AND MILLS IN QUÉBEC

	Outside a producing mine site or a mine committed to production		On a producing mine site or a mine committed to production		
	Exploration	Deposit Appraisal	Exploration	Deposit Appraisal	Mine Complex Development
Line 17.0 \$					
18.1.1 Capital Assets (\$)					
18.1.2 Capital Assets (\$)					

Notes: Line 17.0 includes field surveys and work, engineering, economic and feasibility studies, environment and land access. Line 18.1.1 includes capital investments in non-residential construction. Line 18.1.2 includes capital investments in machinery and equipment. **See description of all numbered lines on Page 2 of this form.**

Do not complete this section	B	K	L	M
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I declare that the information in this report is complete and accurate to the best of my knowledge.

Name of person responsible for this report		Date of report
Official position	E-mail address (block letters)	Telephone number
Address (if different from mailing address)		Fax number

MINERAL EXPENDITURE SURVEY FOR, 2020

No dossier:

Please complete one column per property, deposit, mine or mill for each work phase (12.0) and each site (13.0). Several columns may be required for a given property. Please make copies of this page as needed to ensure that all of your properties are covered. Consult the Reporting Guide and Guidelines for definitions. Indicate all amounts in Canadian dollars (\$)

		1		2	
11.1	Name of property or mine/mill If a property has multiple work phases, complete one column for each, see 12.0 below.	TOTAL (all properties)			
11.1.10	Identify property component(s) under study: e.g. target A, showing B, deposit C, mine D, if applicable.				
11.4	Joint venture or option agreement (1: YES - 2: NO) If YES , complete page Joint-Venture Participants				
11.2	Location - Township(s), NTS (1:50 000) map(s), latitude & longitude or local landmark				
11.3	Primary mineral commodity(ies) sought Enter the 3 digit code separated by a comma (see sheet "Commodity Codes")				
11.3.2	Other mineral commodities sought - Enter the 3 digit codes separated by a comma.				
13.0	Site of a producing mine or a mine committed to production (Guide p. 1, 13.0, and footnotes 2 and 3) 1. YES, ON site 2. NO, OFF site				
12.0	Identify work phase: one per column 1. Exploration: up to and including delimited indicated resources and preliminary assessment report 2. Deposit appraisal: definition drilling and testing, pre-feasibility study to feasibility study 3. Mine complex development: include exploration at deposit periphery - See Guidelines, section 12.0 [3]				
11.5	Identify the main work objective: choices 1 to 4 If the work on the periphery of a mineralized zone falls in a different work objective, select the most advanced. 1. Find/test targets, estimate inferred resources 2. Upgrade inferred to indicated resources 3. Upgrade indicated to measured resources/reserves 4. Other _____				
11.6	Qualify current mineral resources with respect to NI 43-101 1. Historical estimate 2. Indicated 3. Measured/Reserves 4. Non defined, including inferred resources				
11.7	Identify the latest completed technical study 1. Preliminary assessment 2. Preliminary feasibility study 3. Feasibility study 4. Other study 5. None				
14.18	Mineral leases, claims, staking, line cutting	\$			
14.21	Geology and geochemistry surveys	\$			
14.22	Ground and airborne geophysical surveys	\$			
14.5	Surface diamond drilling	metres	\$	metres	\$
14.6	Underground diamond drilling	metres	\$	metres	\$
14.7	Other type of surface drilling	metres	\$	metres	\$
14.8	Other type of underground drilling	metres	\$	metres	\$
14.9	Stripping/trenching. For mine complex development, include only the initial overburden & waste removal from open-pit.	\$			
14.23	Other rock work - Enter in the left cell the number corresponding to the largest contributor and in the right cell , the TOTAL COST for all work . Additional information may be given in the "Comments section". 1. Shaft sinking 2. Ramp 3. Drifts, crosscuts & raises 4. Bulk sampling 5. Rehabilitation (including pumping costs) 6. Other work	Total \$		Largest contributor	\$
14.14	Engineering studies: pilot studies, geotechnical work including pumping tests	\$			
14.24	Preliminary economic assessment, pre-feasibility study, feasibility study	\$			
15.5	Environment: characterization, assessment, permitting, protection/monitoring, restoration/decommissioning. Exception: for mines, report decommissioning on lines 18.2.1 and/or 18.2.2.	\$			
16.1	Socio-economic and/or impact and benefits agreements including right of way and damage costs	\$			
14.17	Other field work costs including accommodation, meals, transportation, only if unable to report with the above activities, and temporary construction, e.g. access roads. Describe high costs in the "Comments section".	\$			
14.19	Head office and other corporate offices costs directly related to projects	\$			
17.0	TOTAL (dollars only)	\$			
18.1 Capital Assets					
18.1.1	Non-residential construction: new assets, new and used assets imported, renovation, retrofit	\$			
18.1.1.1	Purchase of used assets in Canada: non-residential construction	\$			
18.1.2	Machinery and equipment: new assets, new and used assets imported, renovation, retrofit	\$			
18.1.2.1	Purchase of used assets in Canada: machinery and equipment	\$			
18.1.3	New residential construction, excluding land purchase	\$			
18.1.4	Land purchase and option payment	\$			
18.2 Repair and Maintenance					
18.2.1	Non-residential construction	\$			
18.2.2	Machinery and equipment	\$			
18.3	TOTAL, SECTION 18 (dollars only)	\$			
18.4	TOTAL 18.1.1, 18.1.2, 18.2.1, 18.2.2	\$			
18.4.1	Share (%) of lines 18.1.1, 18.1.2, 18.2.1, 18.2.2 for environmental protection and restoration or best estimate	%			

MINERAL EXPENDITURE SURVEY FOR, 2020

Please complete one column per property, deposit, mine or mill for each work phase (12.0) and each site (13.0). Several columns may be required for a given property. Please make copies of this page as needed to ensure that all of your properties are covered. Consult the Reporting Guide and Guidelines for definitions. Indicate all amounts in Canadian dollars (\$)

		3		4		5	
11.1	Name of property or mine/mill If a property has multiple work phases, complete one column for each, see 12.0 below.						
11.1.10	Identify property component(s) under study: e.g. target A, showing B, deposit C, mine D, if applicable.						
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14.22	Ground and airborne geophysical surveys	\$					
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14.7	Other type of surface drilling	metres	\$	metres	\$	metres	\$
14.8	Other type of underground drilling	metres	\$	metres	\$	metres	\$
14.9	Stripping/trenching. For mine complex development, include only the initial overburden & waste removal from open-pit.	\$					
14.23	Other rock work - Enter in the <u>left cell</u> the number corresponding to the largest contributor and in the <u>right cell</u> , the TOTAL COST for all work . Additional information may be given in the "Comments section". 1. Shaft sinking 2. Ramp 3. Drifts, crosscuts & raises 4. Bulk sampling 5. Rehabilitation (including pumping costs) 6. Other work	Largest contributor	\$	Largest contributor	\$	Largest contributor	\$
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16.1	Socio-economic and/or impact and benefits agreements including right of way and damage costs	\$					
14.17	Other field work costs including accommodation, meals, transportation, only if unable to report with the above activities, and temporary construction, e.g. access roads. Describe high costs in the "Comments section".	\$					
14.19	Head office and other corporate offices costs directly related to projects	\$					
17.0	TOTAL (dollars only)	\$					
18.1 Capital Assets							
18.1.1	Non-residential construction: new assets, new and used assets imported, renovation, retrofit	\$					
18.1.1.1	Purchase of used assets in Canada: non-residential construction	\$					
18.1.2	Machinery and equipment: new assets, new and used assets imported, renovation, retrofit	\$					
18.1.2.1	Purchase of used assets in Canada: machinery and equipment	\$					
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18.2.2	Machinery and equipment	\$					
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18.4.1	Share (%) of lines 18.1.1, 18.1.2, 18.2.1, 18.2.2 for environmental protection and restoration or best estimate	%					

MINERAL EXPENDITURE SURVEY FOR, 2020

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		6		7		8	
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16.1	Socio-economic and/or impact and benefits agreements including right of way and damage costs	\$					
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18.4	TOTAL 18.1.1, 18.1.2, 18.2.1, 18.2.2	\$					
18.4.1	Share (%) of lines 18.1.1, 18.1.2, 18.2.1, 18.2.2 for environmental protection and restoration or best estimate	%					

11.0	PROPERTY: List joint venture information here and transcribe the property name from line 11.1 (e.g. property, line 11.1 column 1 reported under 11.1.1).				
	JOINT-VENTURE PARTICIPANTS	Participants' Share of the Venture	Participants' Share of the Expenditures	Are you reporting for all the joint venture participants?	Is this a foreign-controlled company?
	No Dossier :	%	%	(1: YES - 2: NO)	(1: YES - 2: NO)
11.1.1 (1)	Name of property, deposit, mine or mill				
11.1.2 (1)	Operator/Participant 1				
11.1.3 (1)	Participant 2				
11.1.4 (1)	Participant 3				
11.1.5 (1)	Participant 4				
11.1.6 (1)	Participant 5				
11.1.7 (1)	Participant 6				
		100%	100%		
11.1.1 (2)	Name of property, deposit, mine or mill				
11.1.2 (2)	Operator/Participant 1				
11.1.3 (2)	Participant 2				
11.1.4 (2)	Participant 3				
11.1.5 (2)	Participant 4				
11.1.6 (2)	Participant 5				
11.1.7 (2)	Participant 6				
		100%	100%		
11.1.1 (3)	Name of property, deposit, mine or mill				
11.1.2 (3)	Operator/Participant 1				
11.1.3 (3)	Participant 2				
11.1.4 (3)	Participant 3				
11.1.5 (3)	Participant 4				
11.1.6 (3)	Participant 5				
11.1.7 (3)	Participant 6				
		100%	100%		
11.1.1 (4)	Name of property, deposit, mine or mill				
11.1.2 (4)	Operator/Participant 1				
11.1.3 (4)	Participant 2				
11.1.4 (4)	Participant 3				
11.1.5 (4)	Participant 4				
11.1.6 (4)	Participant 5				
11.1.7 (4)	Participant 6				
		100%	100%		
11.1.1 (5)	Name of property, deposit, mine or mill				
11.1.2 (5)	Operator/Participant 1				
11.1.3 (5)	Participant 2				
11.1.4 (5)	Participant 3				
11.1.5 (5)	Participant 4				
11.1.6 (5)	Participant 5				
11.1.7 (5)	Participant 6				
		100%	100%		
11.1.1 (6)	Name of property, deposit, mine or mill				
11.1.2 (6)	Operator/Participant 1				
11.1.3 (6)	Participant 2				
11.1.4 (6)	Participant 3				
11.1.5 (6)	Participant 4				
11.1.6 (6)	Participant 5				
11.1.7 (6)	Participant 6				
		100%	100%		
11.1.1 (7)	Name of property, deposit, mine or mill				
11.1.2 (7)	Operator/Participant 1				
11.1.3 (7)	Participant 2				
11.1.4 (7)	Participant 3				
11.1.5 (7)	Participant 4				
11.1.6 (7)	Participant 5				
11.1.7 (7)	Participant 6				
		100%	100%		
11.1.1 (8)	Name of property, deposit, mine or mill				
11.1.2 (8)	Operator/Participant 1				
11.1.3 (8)	Participant 2				
11.1.4 (8)	Participant 3				
11.1.5 (8)	Participant 4				
11.1.6 (8)	Participant 5				
11.1.7 (8)	Participant 6				
		100%	100%		
11.1.1 (9)	Name of property, deposit, mine or mill				
11.1.2 (9)	Operator/Participant 1				
11.1.3 (9)	Participant 2				
11.1.4 (9)	Participant 3				
11.1.5 (9)	Participant 4				
11.1.6 (9)	Participant 5				
11.1.7 (9)	Participant 6				
		100%	100%		
11.1.1 (10)	Name of property, deposit, mine or mill				
11.1.2 (10)	Operator/Participant 1				
11.1.3 (10)	Participant 2				
11.1.4 (10)	Participant 3				
11.1.5 (10)	Participant 4				
11.1.6 (10)	Participant 5				
11.1.7 (10)	Participant 6				
		100%	100%		

COMMENTS SECTION

Line	Description	Comments: additional information on amounts declared on corresponding lines on Page 2 of this survey form should be declared here.
4.0	JOINT-VENTURE PARTICIPANTS	Indicate for all of your projects in which you are not the operator, the project's name and the name of the manager.
14.23	OTHER ROCK WORK	
14.17	OTHER FIELD WORK COSTS	
ALL OTHER COMMENTS OR PRECISIONS CONCERNING YOUR WORK OR ALL COMMENTS ON THE MINING INVESTMENT SURVEY SHOULD BE MADE HERE.		

List of codes for the mineral commodities

Enter the codes on lines 11.3 and 11.3.2, separated by a comma

Mineral commodity	Code	Mineral commodity	Code
Apatite	206	Manganese	153
Asbestos	204	Marble	363
Baryte	212	Mica	259
Base metals	101	Molybdenum	156
Beryl	219	Nickel	159
Brucite	216	Niobium	162
Calcite	221	Other (specify)	999
Chromium	129	Palladium	166
Clay Products	371	Peat	295
Cobalt	132	Phosphate	268
Copper	135	Platinum	167
Crushed Stone	366	Rare Earth Minerals	180
Diamonds	223	Salt	277
Dimensional Stone	367	Sand and Gravel	387
Dolomit	226	Sandstone	355
Dolomitic Magnesium	225	Serpentine	280
Feldspar	232	Silica	274
Ferroniobium	143	Silica-Lime products	379
Garnet	244	Silver	107
Gold	165	Slate	315
Granit	347	Steatite	286
Graphite	241	Stone	365
Ilmenite	245	Talc	289
Industrial Stone	368	Tantalum	174
Iron ore	138	Titanium	183
Iron Titanium	144	Titanium bioxyde	292
Kaolin	247	Tungsten	186
Lead	168	Uranium	189
Lime	331	Vanadium	161
Limestone	323	Wollastonite	298
Lithium	250	Zinc	192
Magnesium	150	Zircon	299