

Mineral Resources Regulations

made under Section 174 of the
Mineral Resources Act
S.N.S. 1990, c. 18

O.I.C. 2004-435 (November 4, 2004), N.S. Reg. 222/2004
as amended up to O.I.C. 2013-267 (August 6, 2013, effective August 26, 2013), N.S. Reg. 276/2013
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Interpretation

Citation

1 These regulations may be cited as the Mineral Resources Regulations.

Definitions

2 In these regulations

(a) "base maps" means the National Topographic Series (NTS-NAD 83) maps on a scale of 1:50 000 made by Natural Resources Canada for areas bounded by each 30' of longitude and each 15' of latitude;

Clause 2(a) amended: O.I.C. 2005-191, N.S. Reg. 100/2005.

(b) "caveat" means a notice of a trust filed under subsection 88(4) of the Act;

(c) "claim reference map" means a representation of one quarter of the area of a base map as subdivided in accordance with subsection 5(1);

(d) "decision" means a decision that is made under the Act by an officer to issue, renew, refuse, suspend, order forfeiture, or determine abandonment of a licence, lease, or registration;

(e) "drillhole" means a hole drilled for the primary purpose of obtaining geological, geochemical, or geophysical information;

(f) "index map" means a generalized location map;

(g) "non-Crown limestone" means limestone that has not been declared to be a mineral under Section 5 of the Act;

(ga) “online registry system” means the Department’s online computer system that provides browser-based access to mineral tenure information and electronic access for applying for mineral rights and maintaining existing mineral rights;
Clause 2(ga) added: O.I.C. 2013-267, N.S. Reg. 276/2013.

(h) “surface excavation” means trenching, pitting or stripping surface material for the purpose of finding, identifying or determining the presence or extent of any mineral

(i) by mechanical means, or

(ii) by other than mechanical means to a depth greater than 1.2 m;

(i) “technical illustration” means a depiction of data that clarifies the content of a report or stands alone as a record of information and includes a map, plan, section, drawing, chart, graph, diagram or photograph;

(j) “underground exploration” means the opening or reopening of underground workings and includes dewatering or rehabilitating the underground workings;

(k) “watercourse” means a lake, river, stream, ocean or other body of water.

3 For the purposes of the Act,

(a) “construction stone” includes shale or clay when used to manufacture masonry building products;

(b) “masonry building products” includes common building bricks.

Prescribed forms

3A (1) The forms listed in the following table and as attached to these regulations are prescribed for the purposes of these regulations:

Form No.

Form Title

1

Notice of Transfer

2

Summary of Agreement

3

Caveat

4

Application to Register as Prospector

5

Prospector’s Identification Card

6

Application for Exploration Licence or Renewal of Exploration Licence

7

Mineral Rights Holders Information

8

Exploration Licence

9	Certificate of Compliance
10	Statement of Assessment Work Expenditure
11	Prospector's Statement
12	Excavation Registration
13	Application for Letter of Authorization
14	Application for Lease
15	Lease
16	Annual Report on Mining Operations
17	Application for Non-Mineral Registration
18	Non-Mineral Registration
19	Notice of Appeal

(2) To the extent permitted by the online registry system, an electronic form in the online registry system that corresponds to a form prescribed in these regulations is prescribed for the same purposes and in substantially the same form, but an electronic form is not required to contain all the options and data fields available on the corresponding non-electronic form.
Section 3A added: O.I.C. 2013-267, N.S. Reg. 276/2013.

Boundaries

Basis for establishing claim reference maps

4 The base maps must be used as the basis for establishing claim reference maps to determine the boundaries of claims, licences, leases and non-mineral registrations.

Claim reference maps

5 (1) The area represented by each base map must be subdivided into 4 claim reference maps, as shown in Figure 1 in Section 8, by median lines corresponding to the median longitude and latitude lines of the base map, and the 4 claim reference maps produced must be lettered A for the southeast quarter, B for the southwest quarter, C for the northwest quarter and D for the northeast quarter.

(2) Each claim reference map must be identified by the numbering of the base map of origin and the appropriate quarter section letter.

(3) Claim reference maps maintained by the Registrar are conclusive as to the matters shown on them and are the sole official depiction of the relative location and extent of mineral rights and non-mineral registrations.

Division of claim reference map into tracts

6 (1) Each claim reference map must be subdivided into 108 tracts by 12 equal divisions on latitude and 9 equal divisions on longitude, as shown in Figure 2 in Section 8, with the following specifications:

(a) the east and west boundaries of each tract must be true meridians of longitude;

(b) the north and south boundaries of each tract must be straight lines parallel to the chord of one-half of the part of the parallel of latitude that represents the south boundary of each claim reference map; and

(c) the angle of intersection of each chord on either side of the median meridian of longitude for each claim reference map must be 90°.

(2) Each tract must contain 259 ha, more or less.

(3) The 108 tracts on a claim reference map must be numbered as shown in Figure 2 in Section 8.

Division of tract into claims

7 (1) Each tract on a claim reference map must be subdivided into 16 claims, by 4 equal divisions on latitude and 4 equal divisions on longitude.

(2) The 16 claims in each tract of a claim reference map must be lettered as shown in Figure 3 in Section 8.

Figures showing subdivision of base map

8 Figures 1, 2 and 3 as referred to in Sections 5, 6 and 7 are as follows:

mapmra.jpg

Requirement to use prescribed land divisions in descriptions

9 All mineral rights and non-mineral registration areas must be defined or described in terms of the divisions of land prescribed in Sections 4 to 8.

Boundary measurement requirements

10 (1) All boundaries extend downward vertically without limit.

(2) All surface measurements must be referenced to a horizontal plane.

Records

Record maintenance

11 The Registrar must maintain records for

(a) applications to register as a prospector;

(b) base maps;

(c) claim reference maps;

- (d) an index of holders of exploration licences;
- (e) applications for exploration licences;
- (f) copies of exploration licences;
- (g) applications for special licences;
- (h) copies of special licences;
- (i) statements of expenditure;
- (j) prospectors' statements;
- (k) certificates of compliance;
- (l) assessment work reports;
- (m) statements of work credits;
- (n) excavation registrations;
- (o) letters of authorization;
- (p) surface rights permits;
- (q) agreements;
- (r) caveats;
- (s) summaries of agreements;
- (t) tender submissions;
- (u) an index of holders of leases and non-mineral registrations;
- (v) applications for leases;
- (w) copies of leases and non-mineral registrations;
- (x) applications for special leases;
- (y) copies of special leases;
- (z) an index of holders of mining permits;
- (aa) applications for mining permits;
- (ab) copies of mining permits;
- (ac) mine reports;

- (ad) reports of work on leases;
- (ae) reports on closure of mines;
- (af) milling permits;
- (ag) reclamation bonds;
- (ah) transfers;
- (ai) surrenders;
- (aj) copies of notices;
- (ak) statistical reports;
- (al) letters of closure of land;
- (am) letters of reopening of land; and
- (an) fees charged and recovered,

and such additional records as the Registrar may require in order to perform the duties of the Registrar under the Act.

Correction of records and documents

12 (1) The Registrar must correct any error appearing on a map maintained by the Registrar when the Registrar becomes aware of the error.

(2) The Registrar may correct a document filed with the Registrar to ensure that the document is a copy of the original document.

Form of records

13 The Registrar may maintain required indexes, listings of information and other records of the Registrar's office in photographic, computerized or other electronic data storage systems, and may amend, update or correct the indexes, listings of information and records.

Registrar maintaining copies

14 (1) The Registrar may maintain a copy of a document that is issued by or that remains in the custody of the Registrar by maintaining

- (a) a duplicate copy of the original;
- (b) a carbon copy of the original;
- (c) a photostat copy of the original;
- (d) a computer file that contains all the material in the original that is unique to the document;

(e) a photographic reproduction of the original;

(f) material from the original in an electronic data storage medium that is capable of reproducing an accurate copy of the original; or

(g) an accurate copy of the original that has been prepared by the Registrar from the information stored by any of the methods described in clauses (a) to (f).

(2) If the Registrar is satisfied that an accurate copy of a document has been made, the Registrar may order the destruction of the original document.

Service and Delivery of Documents

Service of document by Minister, Registrar or other person

15 (1) A notice or other document that is served under the Act or these regulations by the Minister, Registrar or any other person acting under the authority of the Act or these regulations is deemed to be effectively served on a person if

(a) it is delivered personally;

(b) it is sent by pre-paid registered or certified mail to the latest address shown on the records of the Registrar for the person;

(c) it is sent to a facsimile machine in the most recent office or place of residence shown on the records of the Registrar for the person; or

(d) it is sent through the online registry system or by e-mail sent to the latest e-mail address shown on the records of the Registrar for the person.

Clause 15(1)(d) added: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) The Registrar may order another means of service, including substituted service, service by advertisement or other form of service.

(3) Receipt of a notice or document referred to in subsection (1) is deemed to occur no later than the 4th day after the date of service.

Documents delivered to Minister

16 (1) A document required to be delivered to or filed with the Minister must be personally delivered or sent by pre-paid mail.

Subsection 16(1) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) A document required to be delivered to the Registrar may be personally delivered, sent by pre-paid mail or, if required by these regulations, sent by e-mail through the online registry system. Subsection 16(2) added: O.I.C. 2013-267, N.S. Reg. 276/2013.

(3) A document is deemed not to have been received by the Minister or Registrar unless and until it is delivered in accordance with subsection (1) or (2), as applicable.

Subsection 16(2) renumbered (3) and amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Documents sent by fax

17 The Minister or Registrar may, but is not required to, respond to or act upon a document sent to either of them by facsimile machine.

Transfers

Definition of “transfer”

18 For the purposes of Sections 85 and 86 of the Act, “transfer” and “transferred” refer to a transfer by way of an instrument, agreement, assignment or conveyance that conveys one or more complete geographical claims from a registered mineral right holder or non-mineral registrant to a new mineral right holder or non-mineral registrant, but do not refer to

(a) a transfer of a partial interest in a mineral right if the registered mineral right holder does not change; or

(b) a transfer of a partial interest in a non-mineral registration if the non-mineral registrant does not change; or

(c) an abandonment, surrender, forfeiture or termination under the Act.

Form and notice of transfer

19 A transfer of a mineral right or non-mineral registration must be entered into the online registry system in the electronic form that corresponds to Form 1, and the entering of the transfer into the online registry system is notice of the transfer.

Section 19 replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

Summary of agreement

20 (1) A summary of an agreement required by subsection 87(1) or (1A) of the Act that results or may result in a transfer or assignment of a mineral right or non-mineral registration, part of a mineral right or non-mineral registration, or any interest in a mineral right or non-mineral registration, must be entered into the online registry system in the electronic form that corresponds to Form 2.

Subsection 20(1) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) The Registrar must assign a unique number to each summary of agreement as it is received, and the online registry system must provide a visible link between the numbered summary of agreement and the corresponding mineral right or non-mineral registration.

Subsection 20(2) replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

(3) The Registrar must maintain an index in which the Registrar records the number assigned to a summary and the names of the parties listed in the summary.

(4) The Registrar may delete from the index a reference to a notice relating to a mineral right or non-mineral registration that has ceased to exist.

Caveats

21 (1) A caveat required by subsection 88(4) of the Act to give notice of a trust must be entered into the online registry system in the electronic form that corresponds to Form 3.

Subsection 21(1) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) The Registrar must assign a unique number to each caveat as it is received, and the online registry system must provide a visible link between the numbered caveat and the corresponding mineral right or non-mineral registration.

Subsection 21(2) replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

(3) The Registrar must maintain an index in which the Registrar records the number assigned to a caveat and the corresponding number of the mineral right or non-mineral registration affected by the caveat.

(4) The Registrar may delete from the index a reference to a caveat relating to a mineral right or non-mineral registration that has ceased to exist.

Registration as a Prospector

22 (1) A person required to register as a prospector under clause 21(3)(b) of the Act must submit an application to the Registrar through the online registry system in the electronic form that corresponds to Form 4.

Subsection 22(1) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) The Registrar must enter the particulars of each registered prospector who applies under subsection (1) in a list of registered prospectors maintained by the Registrar.

(3) The Registrar must advise each registered prospector where they may access [a] copy of the Act and these regulations.

Subsection 22(3) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(4) The Registrar must issue an identification card to each registered prospector through the online registry system in the electronic form that corresponds to Form 5.

Subsection 22(4) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(5) The Registrar may remove from the list of registered prospectors the name of a person who has

(a) been found guilty of an offence under the Act or these regulations;

(b) requested in writing to have their name removed from the list and has returned the identification card; or

(c) died.

Licences

Form of application

23 An application for a licence or its renewal required by subsection 24(2) or clause 44(1)(a) of the Act must be entered into the online registry system in the electronic form that corresponds to Form 6.

Section 23 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Form of required information under Section 25 of the Act

24 The documentation required by Section 25 of the Act to be filed by a person who applies for an exploration licence must be entered into the online registry system in the electronic form that corresponds to Form 7.

Section 24 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Section 25 repealed: O.I.C. 2013-267, N.S. Reg. 276/2013.

Competing applications

26 For the purpose of tendering the right to obtain an exploration licence to 2 or more applicants in accordance with subsections 34(1) and (2) of the Act, the Registrar must

(a) give written notice to each applicant of pending applications no later than 7 calendar days after the date the applications are received by the Registrar;

(b) request that each applicant submit a tender in the form of a work proposal no later than 28 days after the date of the notice; and

(c) subject to subsection 34(3) of the Act, no later than 10 days after the date the last tender submitted in accordance with clause (b) is received, issue an exploration licence as required by subsection 34(2) of the Act.

Application for area under expired exploration licence

27 (1) If an exploration licence expires, an application for a new exploration licence for all or a portion of the same area may not be made before 10 a.m. on the day following the expiry date of the exploration licence.

(2) If an exploration licence for an area is renewed under Section 44 or subsection 45(2) of the Act, the Registrar must reject all other applications for the area.

(3) The Registrar must consider all acceptable applications received under subsection (1) in the order that they are received.

Form of exploration licence

28 An exploration licence must be provided through the online registry system in the electronic form that corresponds to Form 8.

Section 28 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Renewal

29 (1) A licence may be renewed at any time after the first day of the licence within a period of 12 months and before the anniversary of the licence.

Subsection 29(1) replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) If an exploration licence is renewed more than 30 days before the anniversary of the licence,

(a) there is no refund of all or any portion of the paid application fees;

(b) work credits that have been allocated must not be redistributed until the next renewal of the licence; and

(c) if additional assessment work is submitted before the next renewal, the assessment work must, subject to Section 39, be added to existing work credits

(i) at 100% of acceptable cost, if filed in the licence year during which the work was performed, or

(ii) at 50% of acceptable cost, if filed at a later date.

Section 29 heading replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

Late renewal

30 The renewal of a licence under Section 47 of the Act does not alter the anniversary date of the licence or the work requirements for the licence.

Form of certificate of compliance

31 A certificate of compliance granted under Section 49 of the Act must be provided through the online registry system in the electronic form that corresponds to Form 9.

Section 31 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Delivery of a licence

32 Unless the Registrar and the licensee agree otherwise, the Registrar must make the licence issued to the licensee available electronically.

Section 32 replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

Refund on refusal or rejection of application

33 If an application for a licence is refused or rejected, the Registrar must return the amount of the fee submitted with the application, less the amount of any administration fee charged, to the applicant by pre-paid mail to the address provided in the application or as an electronic refund in a manner acceptable to the Registrar.

Section 33 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Assessment Work

Statement of expenditure

34 (1) A statement of expenditure required by subsection 43(1) of the Act must be entered into the online registry system in the electronic form that corresponds to Form 10.

Subsection 34(1) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) On a statement of expenditure, all expenditures for assessment work that qualifies for work credit must be expressed in Canadian dollars and must be documented to the satisfaction of the Registrar.

Minimum value of acceptable work required for submission

35 The minimum value of acceptable assessment work that must be submitted for the renewal of an exploration licence is

Year of Licence

Dollars per Year per Claim

1st to 10th

\$200

11th to 15th

\$400
16th and after
\$800

Work credit for assessment work in excess of minimum

36 Work credit applied under subsection 48(1) of the Act for all acceptable assessment work in excess of the minimum required by Section 35 for renewal of an exploration licence must be applied at its full value to a later renewal of the licence up to a maximum of 10 years following the date of submission, if the excess assessment work is submitted

- (a) after the effective date of these regulations; and
- (b) in the licence year during which it was conducted.

Existing work credit to be applied to later renewal

37 Work credits held under an exploration licence before the effective date of these regulations may be brought forward up to a maximum of 10 years after the effective date of these regulations for a later application to renew the licence and must be applied in accordance with Section 35 as of the next anniversary date of the licence after the effective date.

Assessment work acceptable for work credit

38 (1) The full cost of the following assessment work may be accepted for credit to a licence:

- (a) prospecting;
- (b) trenching, pitting, stripping and refilling excavations;
- (c) line cutting or flagging;
- (d) geological surveys;
- (e) geochemical surveys;
- (f) geophysical surveys, including ground, marine and borehole investigations;
- (g) airborne surveys, including photographic, geophysical and geochemical;
- (h) photogeological and remote imagery interpretations;
- (i) drilling and sealing of drillholes;
- (j) surface and underground surveys related to exploration or development;
- (k) surface or underground exploration work;
- (l) assays, analyses and mineral tests;
- (m) technical data compilations; and

(n) any other work and reasonable expenses approved by the Registrar as being necessarily incidental to and directly associated with the work mentioned in clauses (a) to (m), including expenses for accommodation, food, meals and transportation.

(2) The cost of the following assessment work is considered allowable ancillary expenses, the total credit for which must not exceed 10% of the cost of assessment work accepted for credit to a licence:

- (a) the cost of a building, structure, machinery, plant, equipment, conveyance or access road;
- (b) expenditures made to
 - (i) reclaim property,
 - (ii) rehabilitate buildings or structures,
 - (iii) prepare environmental impact or assessment studies conducted for proposed mining purposes,
 - (iv) test mining methods, and
 - (v) prepare metallurgical studies, including expenses for consumable items related to ore processing testwork, pilot plant runs and milling of bulk samples;
- (c) the cost of preparing of marketing studies;
- (d) compensation paid to landowners;
- (e) legal fees directly relating to landowners and contractors;
- (f) accounting fees directly attributable to the licence;
- (g) the cost of secretarial services;
- (h) the cost of drafting and cartographic services;
- (i) the cost of field supplies; and
- (j) office expenses consisting of monies spent for
 - (i) rent,
 - (ii) heat,
 - (iii) light,
 - (iv) supplies,
 - (v) telecommunications,

- (vi) office equipment rental,
- (vii) postage, express and freight,
- (viii) building and equipment insurance, and
- (ix) reasonable printing and copying charges.

(3) Despite subsections (1) and (2), assessment work must not be credited if

- (a) it has previously been credited;
- (b) it fails to provide new or additional data contributing to the geoscientific knowledge of the area upon which it was conducted;
- (c) it is not reported in the manner prescribed by these regulations; or
- (d) the costs are not acceptable to the Registrar.

Work credit for surveys

39 (1) Work credits for an airborne survey are permitted to be applied to an exploration licence held or subsequently acquired for the survey area only if an acceptable report and statement of expenditure are submitted.

(2) Work credits for an airborne survey must be applied at a rate determined on the basis of the time that elapses between the completion of the survey and submission of a report and statement of expenditure as follows:

Year Report Submitted	
Percentage of Survey	
Cost to be Credited	
1st or 2nd year after survey	125
3rd year after survey	100
4th year after survey	75
5th to 10th year after survey	at the discretion of the Registrar, to a maximum of 50
11th year or later after survey	0

(3) Work credits for prospecting or preliminary ground surveys performed on unlicensed ground are permitted to be applied to an exploration licence subsequently acquired for the survey area only if

- (a) the work was conducted on lands that were, at the time of the work, available for application for an exploration licence; and
- (b) an acceptable report and statement of expenditure are submitted.

(4) Credit for preliminary ground surveys referred to in subsection (3) must be applied in the same manner as for airborne surveys as set out in subsection (2), except that the rate must be determined based on the time that elapses between the date the ground survey begins and submission of an acceptable report and statement of expenditure.

Acceptable assessment work - decision of Minister final

40 In the event of a dispute regarding whether an activity constitutes acceptable assessment work, the decision of the Minister is final.

Form of assessment work report

41 (1) Assessment work submitted for credit to an exploration licence must be reported in

(a) a prospector's statement entered into the online registry system in the electronic form that corresponds to Form 11; or

Clause 41(1)(a) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(b) a technical report.

(2) Acceptable assessment work reported in a prospector's statement submitted for credit in respect of an exploration licence must be credited on the basis of \$50.00 for each 8 hours during which the assessment work was performed.

(3) A prospector's statement may be submitted for work credit only for the first 7 renewals of an exploration licence.

Prospector's statement allowed if exempt from filing technical report

42 (1) An individual who is, in the opinion of the Registrar, exempt from the requirement to file a technical report may submit a prospector's statement by entering it into the online registry system in the electronic form that corresponds to Form 11 as evidence of assessment work conducted upon a licence area.

Subsection 42(1) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) A prospector's statement submitted under subsection (1) must be accompanied by a daily log of activities and a map upon which relevant new observations are noted, both prepared in a form and manner acceptable to the Registrar.

Technical report must be submitted as electronic document

42A(1) Except as provided in subsection (2), a technical report, including all applicable data used to create the technical report, must be submitted as an electronic document through the online registry system.

(2) If a technical report exceeds a size acceptable to the online registry system, the Registrar may accept a technical report that is submitted in an alternative form of media acceptable to the Registrar and in accordance with subsection (3).

(3) Submission of a technical report in an alternative form of media must include all of the following:

(a) 1 report that is labeled with a report title;

(b) a list of all applicable exploration licence numbers;

- (c) the name of each mineral rights holder;
- (d) a text file listing the contents of the submission;
- (e) all data files applicable to the report.

Section 42A added: O.I.C. 2013-267, N.S. Reg. 276/2013.

Technical reports - format

43 (1) A report submitted for assessment work conducted in respect of a licence must be made up of text together with any combination of maps, figures, illustrations, photographs and analyses.
Subsection 43(1) replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) A report referred to in subsection (1) must contain all information obtained from technical data compilations and assessment work conducted and submitted for assessment work credits.

(3) A separate report must be filed for each licence unless

(a) a licence forms part of a group of coterminous licences, in which case a single report for the group is acceptable; or

(b) the report is approved by the Registrar for work credit to more than 1 exploration licence.

(4) A report submitted as evidence of assessment work must meet all of the following requirements:

(a) it must be capable of being printed in good quality type on a good grade of paper of letter or legal size while maintaining the format of the original electronic document;

(b) its margins must be of suitable width to allow full view of the contents of each page;

(c) it must have a title page, and all subsequent pages must be numbered consecutively;

(d) it must display the date on which the report was completed;

(e) it must include all of the following:

(i) a table of contents that sets out the principal subdivisions of the text with corresponding page numbers,

(ii) a table of illustrations with corresponding figure numbers,

(iii) a table of appendices with corresponding appendix numbers,

(iv) a list of tables with corresponding table numbers and titles,

(v) a list of data files that apply to the report.

Subsection 43(4) replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

(4A) A report submitted as evidence of assessment work must be submitted in a single portable document format (PDF) file, and

(a) if possible, text, maps, figures and illustrations must be converted directly to PDF; and

(b) data that cannot be converted directly to PDF must be scanned at 300 dots per inch and then converted to PDF.

Subsection 43(4A) added: O.I.C. 2013-267, N.S. Reg. 276/2013.

(4B) In addition to submitting them in PDF as required by subsection (4A), each of the data files that apply to a report must be submitted in a format other than PDF that is acceptable to the Registrar.

Subsection 43(4B) added: O.I.C. 2013-267, N.S. Reg. 276/2013.

(5) The text of each report must include the following principal subdivisions:

(a) Summary - a summary of the work performed and of the results obtained;

(b) Introduction - an outline of the scope of and reasons for the work program;

(c) Location and Access - an outline of details regarding the location of the work program;

(d) Licence Tabulation - a tabulation of the licences pertaining to the report, including claim reference maps, tracts, claims and dates of issue, the name of the licence holder and, if different, the name of the person submitting the report;

(e) Work Performed - a detailed description of the work conducted including the names of the persons who conducted the work and the dates during which the work was performed;

(f) Interpretation of Results - a discussion and interpretation of the results of the work conducted;

(g) Conclusions and Recommendations - an outline of the conclusions reached and recommendations made regarding future work on the property under the licence;

(h) Bibliography;

(i) an Author's Certificate as required by Section 78;

(j) Appendices; and

(k) a list of any data files that apply to the report, along with a description of the content and format.

Clause 43(5)(k) added: O.I.C. 2013-267, N.S. Reg. 276/2013.

(6) In addition to the requirements of subsections (1) to (5), if assays or analytical results are reported the report must include

(a) a description of the analytical methods and indicated detection limits; and

(b) a clearly legible and signed copy of the certified laboratory report submitted by the analytical facility that conducted the work.

(7) If drilling results are reported, typed drill logs must be submitted.

Technical illustrations - format

44 (1) A technical illustration that accompanies or is included in a report must

(a) be produced at a common and recognized scale and in sufficient detail to permit on-site verification;

(b) be clearly visible and legible;

(c) have a complete legend referenced by numbers, letters, graphic patterns or symbols;
and

(d) include all of the following, as appropriate to the nature of the illustration, including any separate index map:

(i) a bar scale,

(ii) an astronomic (true) north arrow,

(iii) at least 3 Universal Transverse Mercator (UTM) map coordinates referred to the North American Datum of 1983 (NAD 83) in accordance with the National Topographic System (NTS),

(iv) a title,

(v) the date the illustration was prepared,

(vi) a figure number.

Subsection 44(1) replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) A technical illustration that includes a map, other than an index map, must include

(a) the plotted location of appropriate lines of latitude and longitude;

(b) the licence boundaries along with appropriate tract or claim boundaries;

(c) distinctive topographic features in such manner that they can be readily identified and located on the ground;

(d) the location of all surface or underground workings;

(e) the location of all surveyed lines and grid lines, named or identified appropriately, with the length and azimuth of each line shown; and

(f) the location of geodetic monuments if located in the map area, survey control points, bench marks and reference measurements to identifiable surface features or permanent objects.

Details of geological work performed

45 (1) If geological work is submitted for work credit, in addition to the requirements of Section 43, a report of geological work must include descriptions of

- (a) the manner in which the work was conducted, the dates upon which it was conducted and by whom it was conducted;
- (b) the geological features observed;
- (c) the synthesis of the geological observations referred to in clause (b);
- (d) each sample taken and the location of each sample taken; and
- (e) all prospecting activity conducted.

(2) If geological work is submitted for work credit, in addition to the requirements of Section 44, a geological map must be submitted and must show

- (a) mapped outcrops, float and other observed geological features;
- (b) the orientation of geological features observed;
- (c) identification of the various rock types observed;
- (d) trenches, pits, stripped areas, shafts and underground workings;
- (e) the number and location of all drillholes;
- (f) the location and identification, by means of sample number, of all samples taken for analysis;
- (g) an indication of the detection limit of the analytical procedures employed; and
- (h) the numerical values of all analyzed rock above the detection limit for the elements that form the primary targets of the exploration program.

Details of geochemical work performed

46 (1) If geochemical work is submitted for work credit, in addition to the requirements of Section 43, a report of geochemical work, including an orientation survey, must include

- (a) the type of survey, including a description of sample medium and field sample preparation;
- (b) relevant site information not already contained in a separate part of the report that may have a bearing on the results obtained and their interpretation, including
 - (i) local geology,
 - (ii) local topography,

- (iii) local surface and ground water data,
 - (iv) local meteorological conditions, and
 - (v) specific dates; and
- (c) a description of results.

(2) If geochemical work is submitted for work credit, in addition to the requirements of Section 44, a geochemical map must be submitted and must show

- (a) the distinctive topographic features and relevant site information that may influence the interpretation of results;
- (b) the location and identification, by means of sample number, of all samples taken for analysis;
- (c) an indication of the detection limit of the analytical procedures employed; and
- (d) the numerical values above the detection limit for the elements that form the primary targets of the exploration program.

Details of geophysical work performed

47 (1) If geophysical work is submitted for work credit, in addition to the requirements of Section 43, a report of geophysical work, including an orientation survey, must include

- (a) the type and method of survey, correctional techniques, type and model of instrument used, components measured and locational controls employed, including
 - (i) in the case of a ground survey, the total line kilometres surveyed,
 - (ii) in the case of an airborne survey, the aircraft type, ground clearance, location of area covered and total line kilometres surveyed, and
 - (iii) in the case of a shipborne survey, the type and size of vessel and total line kilometres surveyed;
- (b) relevant information that may have a bearing on the results obtained and their interpretation, including local geology, topography, powerlines, swamps and meteorological conditions; and
- (c) a description of results.

(2) If geophysical work is submitted for work credit, in addition to the requirements of Section 44, a geophysical map must be submitted and must show

- (a) distinctive topographic features and relevant site information that may have a bearing on the interpretation of results;
- (b) applicable instrument and transmitting station orientation;

(c) instrument readings for each station or fix point, corrected for instrument drift and diurnal variations; and

(d) properly supported, contoured or profiled information from airborne, shipborne or remote sensing surveys.

(3) A geophysical profile or cross-section that is submitted as part of geophysical work must show

(a) horizontal and vertical scales; and

(b) stations identified so that the profile or cross-section may be related to the tract, traverse or drillhole and geophysical survey maps.

Report of drilling results

48 (1) If drilling results are submitted for work credit, in addition to the requirements of Section 43, all drilling activity, except holes for blasting purposes, must be reported with a drilling results report that includes

(a) a written description of the drilling program, including the type of drilling, number of holes drilled, dates of commencement and completion of the drill program, location, core storage site, hole size, total metres drilled, equipment and casing left in the hole and hole abandonment procedures;

(b) an identification of drill targets;

(c) a review of the results of the drilling program;

(d) a description of downhole geophysical surveys, including results;

(e) an identification of the type of material sampled including core, sludge, overburden and chips, and sample fraction including whole core and split core; and

(f) a typed drill log for each hole that includes

(i) the name of the exploration company and, if it is not the same, the name of the licensee,

(ii) the hole identification number, which includes a year designation,

(iii) the collar location with map coordinates, exploration grid coordinates and claim reference map, tract and claim references,

(iv) the datum, whether established or assumed,

(v) the azimuth, inclination and elevation of the hole at the collar,

(vi) the depth and result of each dip and azimuth test,

(vii) the depth of overburden and the total depth of the hole,

- (viii) the dates of commencement and completion of drilling,
- (ix) the type of materials obtained including core, chips and sludge,
- (x) the name of the drilling contractors,
- (xi) the hole size,
- (xii) the name of the person who prepared the log,

(xiii) a detailed geological description in descending order from the collar to the end of the hole including depths of features described, sample numbers and sample intervals,

(xiv) where possible, all assays, analyses and results, and

(xv) a statement regarding whether whole or split samples were removed.

(2) If drilling results are submitted for work credit, in addition to the requirements of Section 44, the location of drillholes must be recorded on a map and must show hole number and relevant site information.

Details of excavation work performed

49 (1) If excavation work is submitted for work credit, in addition to the requirements of Section 43, all excavation work must be reported and the report must include

(a) a description of

(i) the location of workings, together with, if applicable, an exploration grid reference,

(ii) the type of excavation including trenching, pitting, stripping, bulk sampling, shaft sinking, driving adits, declines, drifts, cross-cuts, levels, raises and winzes, and the re-opening, rehabilitation or dewatering of any working,

(iii) the method and equipment used, and

(iv) the dimension and orientation of workings and, if applicable, the depth of overburden;

(b) the purpose of the excavation;

(c) the excavation registration number or date of the letter of authorization;

(d) the dates the excavation work began and ended; and

(e) a description and location of all samples taken, and analyzed, and the name of the laboratory where samples were analyzed.

(2) If excavation work is submitted for work credit, in addition to the requirements of Section 44, each technical illustration pertaining to an excavation must show, if applicable,

- (a) the location of the excavation with respect to appropriate tract or claim boundaries;
- (b) the dimensions and orientation of the excavation;
- (c) the location and identification, by means of sample number, of all samples taken for analysis;
- (d) an indication of the detection limit of the analytical procedures employed; and
- (e) the numerical values above the detection limit for the elements that form the primary targets of the exploration program.

Details of metallurgical studies performed

50 If metallurgical studies are submitted for work credit, in addition to the requirements of Section 43, the results of all metallurgical studies or test work and all mineralogical examinations must be reported and the report must include

- (a) the source, quantity and type of all samples collected;
- (b) the quantity and size fractions of the samples used for testing;
- (c) the mineralogical composition of the samples, if it has been determined;
- (d) the results of all methods of processing performed or investigated; and
- (e) a process flowsheet and metallurgical results from pilot plant testing and bulk sample processing.

Excavation

Excavation registration

51 (1) An excavation registration required by Section 101 of the Act must be submitted to the Registrar at least 7 days before the commencement of the activities to be conducted under the excavation registration.

(2) An excavation registration must be entered into the online registry system in the electronic form that corresponds to Form 12.

Subsection 51(2) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

- (3) A person submitting an excavation registration must
 - (a) attach sketch map(s) on a practical scale showing the extent of the proposed work and in sufficient topographic detail to easily locate the site of excavation;
 - (b) post a reclamation bond in a form and amount acceptable to the Minister as required by Section 97 of the Act;
 - (c) provide a statement confirming the consent or agreement of the owner or tenant of the land.

(4) If the information required to be submitted to the Registrar for an excavation registration is incomplete, the Registrar may refuse to record an excavation registration and must inform the applicant of the refusal.

Subsection 51(4) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(5) If the information required to be submitted to the Registrar for an excavation registration is a misrepresentation, the Registrar may immediately strike the excavation registration from the Registrar's records.

Subsection 51(5) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(6) If the information required and submitted to the Registrar for an excavation registration is complete, the Registrar must enter the excavation registration in the Registrar's records.

Subsection 51(6) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Prohibition of bulk sampling activities without lease or letter of authorization

52 No person is permitted to conduct or engage in activities referred to in Section 102 of the Act unless the person is

- (a) the holder of a mineral lease; or
- (b) a licensee who holds a letter of authorization

for the area upon which the proposed activities are to be conducted.

Application for letter of authorization

53 (1) An application for a letter of authorization must be submitted to the Registrar by entering it into the online registry system in the electronic form that corresponds to Form 13.

Subsection 53(1) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) An applicant for a letter of authorization must submit

(a) a map showing the location of the proposed activity and access route to the site from the nearest settlement or public road;

(b) a statement confirming

(i) the consent or agreement of the owner or tenant of private land under Sections 39 or 59 of the Act, or

(ii) the consent of the Minister or the Minister's designate to enter upon and work Crown land under Section 40 of the Act, or

(iii) that the applicant holds a surface rights permit issued under Section 100 of the Act;

(c) a brief report on the size, location and purpose of the bulk sample, mining method, schedule and expected results;

(d) a map of the site showing existing surface features, diamond-drill holes, test pits and any shafts or underground workings;

- (e) a map or drawing showing
 - (i) major geological features,
 - (ii) the sample location and dimensions,
 - (iii) the location and dimensions of proposed workings,
 - (iv) the location of settling ponds and waste disposal areas,
 - (v) the location of all buildings, roads and other infrastructure,
 - (vi) all other major project-specific features;

(f) a description of the reclamation work to be conducted upon the completion of the exploration or sampling; and

(g) a reclamation bond in a form and amount acceptable to the Minister as required by subsections 97(1) and 102(3) of the Act,

and any additional information requested by the Registrar.

(3) If the information required to be submitted to the Registrar in Form 13 is a misrepresentation, the Minister may immediately revoke this letter of authorization.

Issuance of letter of authorization

54 The Registrar may issue a letter of authorization.

Refusal to issue letter of authorization

55 The Registrar may refuse to issue a letter of authorization if the Registrar determines that

- (a) the proposed activity is not for the purpose of exploration or testing or, in the opinion of the Registrar, is detrimental to the resource;
- (b) the applicant has failed to obtain the necessary consent, agreement or surface rights permit referred to in clause 53(2)(b);
- (c) the applicant has failed to post a reclamation bond in a form and amount acceptable to the Minister; or
- (d) the applicant has failed to provide a plan of reclamation satisfactory to the Registrar.

Letter of authorization documentation to be kept by field representative

56 The holder of a letter of authorization must ensure that a copy of the letter of authorization and evidence of the consent, agreement or surface rights permit referred to in clause 53(2)(b) are kept in the custody of the field representative named in the letter of authorization and are available for inspection at the site named in the letter of authorization.

Time limit for refilling excavation after bulk sampling

57 (1) Despite any agreement made with a landowner or tenant regarding reclamation, the holder of an excavation registration or letter of authorization must refill each excavation no later than 30

days after the date that the work program is completed, or such longer time as may be directed by the Registrar in accordance with subsection (2).

(2) If the Registrar receives a written request from a landowner or tenant of lands that are subject to an excavation registration or letter of authorization to leave an excavation open, and the Registrar is shown good cause in the written request for leaving the excavation open, the Registrar may direct that the excavation remain unfilled.

Leases

Application for lease

58 An application for a lease under clause 56(1)(a) of the Act must be entered into the online registry system in the electronic form that corresponds to Form 14.

Section 58 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Form of required information under Section 25 of the Act

59 The documentation required by Section 25 of the Act to be filed by a person who applies for a lease must be entered into the online registry system in the electronic form that corresponds to Form 7.

Section 59 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Additional required documentation filed with application

60 The documentation required to be filed with an application for a mineral lease for the purposes of clause 56(1)(b) of the Act is a report to the Registrar that includes

(a) a general location map of the area showing all claim boundaries, surface rights ownership and boundaries, nearby roads, buildings, powerlines, watercourses, topography and other surface features in the vicinity of the deposit;

(b) resource information, including

(i) a map showing the location of all drillholes, trenches, test pits and sample locations,

(ii) a geological map showing the known location of the deposit and its relationship to the host geological units,

(iii) geological cross-sections and longitudinal sections through the deposit, and

(iv) a table of ore reserves, including

(A) grades and quantities, categorized as proven, probable or possible,

(B) a description of the method of calculating the reserves,

(C) a statement of the specific gravity used and reason for its use, and

(D) a statement of the cutoff grade used and reason for its use;

(c) mining information, including

- (i) a general map showing the surface facilities buildings, water diversions, settling and treatment ponds and ore and waste storage areas,
 - (ii) strip ratio and recovery factor,
 - (iii) a description of the proposed mining methods and schedules for all surface and underground development work, and
 - (iv) a description of the methods to be used for the reclamation of the mine, waste dumps, tailings ponds and other areas disturbed by the project, including a site plan; and
- (d) mineral processing information, including
- (i) a description of the processing method, and
 - (ii) a flow sheet for the process showing metallurgical balances,

and any additional information that the Registrar considers necessary for the purposes of the Act.

Survey conducted by Nova Scotia Land Surveyor

61 Except as otherwise required by the Registrar, a survey of the prescribed boundaries of a mineral lease must be conducted by a Nova Scotia land surveyor who is a member of the Association of Nova Scotia Land Surveyors, and a copy of the survey plan must be submitted with the application for the lease.

Form of lease

62 A lease required by subsection 58(1) of the Act must be provided through the online registry system in the electronic form that corresponds to Form 15.

Section 62 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Recording of lease

63 (1) The Registrar must enter a lease into the Registrar's records by noting

- (a) the date of the lease;
- (b) the name and address of the lessee;
- (c) a description of the lands covered in the lease;
- (d) the commencement date and term of the lease; and
- (e) the consideration to be paid,

and additional matters particular to the lease.

(2) In recording a lease under subsection (1), the Registrar is not required to copy into the record standard clauses that are common to leases.

Non-Mineral Registration

Application for non-mineral registration

64 An application for a non-mineral registration required by clause 90(2)(a) of the Act for mining gypsum and non-Crown limestone must be entered into the online registry system in the electronic form that corresponds to Form 17.

Section 64 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Additional required documentation filed with application

65 The documentation required to be filed with an application for a non-mineral registration for the purposes of clause 90(2)(b) of the Act consists of the information required by Form 7, which must be entered into the online registry system, and a report to the Registrar in accordance with Section 66.

Section 65 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Report to Registrar filed with application

66 A report to the Registrar to be filed with an application for a non-mineral registration must be submitted through the online registry system and must include

(a) a general location map of the area showing all claim boundaries, surface rights ownership and boundaries, nearby roads, buildings, powerlines, watercourses, topography and other surface features in the vicinity of the deposit; and

(b) mining information, including

(i) a general map showing the location of the existing and proposed mine workings, surface facilities buildings, water diversions, settling and treatment ponds and ore and waste storage areas,

(ii) strip ratio and recovery factor,

(iii) a description of the proposed mining methods and schedules for all surface and underground development work, and

(iv) a description of the methods to be used for the reclamation of the mine, waste dumps, tailings ponds and other areas disturbed by the project, including a site plan,

and any additional information that the Registrar considers necessary for the purposes of the Act.

Section 66 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Form of non-mineral registration

67 A non-mineral registration must be entered into the online registry system in the electronic form that corresponds to Form 18.

Section 67 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Recording of non-mineral registration

68 (1) The Registrar must enter a non-mineral registration filed under subsection 92(3) of the Act into the record by giving it a distinct identifying number.

Subsection 68(1) replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

(2) The Registrar must maintain an index of non-mineral registrations in which the Registrar records the number of each non-mineral registration, the name of the holder of the non-mineral registration and the area covered by the non-mineral registration.

(3) The Registrar may enter portions of a non-mineral registration into the records of the Registrar, and the entered portion is deemed to be an accurate copy of the original document.

Annual report on mining operations

69 The annual report required by Section 61 and clause 94(1)(d) of the Act must be a report on mining operations entered into the online registry system in the electronic form that corresponds to Form 16.

Section 69 amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

Fees

70 Fees payable under the Act are as follows:

(a) issuance of exploration licence.....\$10.00/claim

Clause 70(a) replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

(b) conversion or annual renewal of exploration licence, for years

2 to 10.....\$20.00/claim

11 to 15.....\$40.00/claim

16 to 25.....\$160.00/claim

26 and after.....\$320.00/claim

Clause 70(b) replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

(c) issuance or renewal of special licence.....\$10.00/claim/year

Clause 70(c) replaced: O.I.C. 2013-267, N.S. Reg. 276/2013.

(d)lease rental.....\$120.90/claim/year

Clause 70(d) replaced: O.I.C. 2013-105, N.S. Reg. 123/2013.

(e)payment in lieu of assessment work, for years

1 to 10.....\$242.00/claim

11 to 15.....\$484.05/claim

16 and after.....\$968.05/claim

Clause 70(e) replaced: O.I.C. 2013-105, N.S. Reg. 123/2013.

(f)assignment or transfer of exploration licence.....\$6.05

Clause 70(f) replaced: O.I.C. 2013-105, N.S. Reg. 123/2013.

(g)assignment or transfer of special licence, mineral

lease, special lease or non-mineral registration.....\$60.40

Clause 70(g) replaced: O.I.C. 2013-105, N.S. Reg. 123/2013.

(h)registration of any document affecting title

of mineral right or non-mineral registration.....\$12.10

Clause 70(h) replaced: O.I.C. 2013-105, N.S. Reg. 123/2013.

(i)search of any document relating to mineral

right or non-mineral registration, per document.....\$36.25

Clause 70(i) replaced: O.I.C. 2013-105, N.S. Reg. 123/2013.

(j)copy of any licence, lease or non-mineral

registration, or any paper affecting title.....\$1.22/page
Clause 70(j) replaced: O.I.C. 2013-105, N.S. Reg. 123/2013.

(k)issuance of prospector's identification card.....\$12.10
Clause 70(k) replaced: O.I.C. 2013-105, N.S. Reg. 123/2013.

(l)miscellaneous services not listed above.....\$120.87/hour
Clause 70(l) replaced: O.I.C. 2013-105, N.S. Reg. 123/2013.
Section 70 replaced: O.I.C. 2011-110, N.S. Reg. 97/2011.

Royalties

71 The following royalties are determined for the purposes of subsection 121(3) of the Act:

Mineral

Rate/Short Ton

Rebate

(a)

Anhydrite

\$0.14

Clause 71(a) amended: O.I.C. 2013-105, N.S. Reg. 123/2013.

(b)

Barite

\$0.17

\$0.05 per ton on all barite processed to the extent of pulverization to 200 mesh or finer

Clause 71(b) amended: O.I.C. 2013-105, N.S. Reg. 123/2013.

(c)

Celestite

2% of the net value of concentrates produced

1% of the net value where concentrates are processed in the Province

(d)

Coal

\$1.15

Clause 71(d) amended: O.I.C. 2013-105, N.S. Reg. 123/2013.

(e)

Dolomite

2% of the net value at the mine, except where the end use is for agricultural purposes in the Province

1% of the net value where end use is in the Province

(f)

Gold

1% of the net value received by the producer

(g)

Limestone

2% of the net value at the mine, except where the end use is for agricultural purposes in the Province

1% of the net value where the end use is in the Province

(h)
Salt
\$0.22

Clause 71(h) amended: O.I.C. 2013-105, N.S. Reg. 123/2013.

(i)
Silica
\$0.12

Clause 71(i) amended: O.I.C. 2013-105, N.S. Reg. 123/2013.

(j)
Silver
1% of the net value received by the producer

Clauses 71(a), (b), (d), (h), (i) amended: O.I.C. 2013-105, N.S. Reg. 123/2013.

General

Restriction in designated areas

72 (1) For the purposes of subsection 21(1) of the Act, the Minister may direct that any lands within an area designated by the Minister are restricted from any or all prospecting, exploration, development or mining with respect to the minerals specified in the direction and for such time as the Minister may specify.

(2) A direction under subsection (1) must be given to the Registrar, who must then indicate on the appropriate claim reference maps that the area designated by the Minister is restricted from the activities specified by the Minister.

(3) A direction issued by the Minister under subsection (1) may be amended or rescinded in writing by the Minister.

Access to municipal water supply watershed lands

73 (1) In this Section

(a) “municipal water supply watershed lands” means lands that are indicated on the claim reference maps of the Department as containing municipal water supply watersheds;

(b) “regional exploration” means exploration with no ground disturbance, and includes prospecting, geological mapping and geochemical and geophysical surveys, and for greater certainty does not include seismic surveys in which explosives are used;

(c) “detailed ground exploration” means exploration with ground disturbance, and includes drilling, blasting, test pitting, trenching, underground excavation, bulk sampling, stripping, road construction and watercourse alteration.

(2) A person who conducts regional exploration in municipal water supply watershed lands must notify the Registrar of the dates that the exploration will begin and end prior to commencing exploration.

(3) No person is permitted to undertake detailed ground exploration in municipal water supply watershed lands without first obtaining all necessary approvals from the Department of Environment.

(4) The requirements of subsection (2) and (3) are in addition to any requirements established by the landowner or tenant or under a surface rights permit.

Section 74 repealed: O.I.C. 2010-81, N.S. Reg. 35/2010.

Drilling program requirements

75 (1) In this Section,

(a) “drilling program” means drilling activity conducted on a claim or group of claims during a period of time measured from when the drilling begins to the removal of the final drill machine, unless the time is extended by the Registrar for good cause shown;

(b) “seal” means to close off all or any part of the length of a drillhole in a permanent manner to ensure the prevention of leakage by such appropriate methods and materials as are in common use by the diamond drilling industry.

(2) In respect of a drilling program, every licensee must,

(a) before beginning a drilling program, give the Registrar written notification in the form provided by the Department indicating the claim area, magnitude and schedule of the proposed drilling program; and

(b) no later than 30 days after the date that the drilling program is completed,

(i) provide the Registrar with a tabulation of drillhole data including grid references, azimuths, dips, total depths, dates of commencement and completion of drilling and a drillhole location map cross-referenced to claim or licence boundaries,

(ii) permanently seal each drillhole from a minimum depth of 3 m in competent bedrock back to the surface of the ground,

(iii) seal all significant intersections in a drillhole where water, coal, salt, potash, uranium or petroleum, as defined in the Petroleum Resources Act, have been encountered, and

(iv) remove all debris including abandoned rods and casing from the area and leave the drill site with no casing or pipe protruding above the surface of the ground.

(3) Holes drilled for the sole purpose of sampling overburden or the overburden and bedrock interface are not required to be sealed in accordance with subclause (2)(b)(ii).

(4) Every drilling program must be conducted in compliance with all applicable laws.

(5) The Registrar may grant a single extension of time for a licensee to comply with subclause (2)(b)(i), if the licensee shows good cause, in writing, for the extension.

Preservation of drill core and cuttings

76 (1) A holder of drill core must

(a) retain all drill core obtained for the purpose of mineral exploration in standard core boxes at the drill site or at a core storage facility;

(b) take precautions to secure the drill core against weather and vandalism; and

(c) notify the Registrar before removing the drill core from the Province.

(2) No person is permitted to discard, destroy or otherwise reduce the scientific value of drill core without first requesting and obtaining the permission of the Registrar to do so, unless the person is using the drill core for assaying, testing or beneficiation, or metallurgical, mineralogical or other scientific studies.

(3) No later than 30 days after the date that a request is received under subsection (2), the Registrar must

(a) provide permission in accordance with subsection (2); or

(b) direct an officer of the Department to take possession of the drill core for the Province and take such other action as the Registrar considers necessary.

(4) Before drill core is received by the Department, the holder of the drill core must identify each box with a weatherproof label that indicates the drillhole number, core interval represented and the date and name of the company for which the drill core was obtained.

Reclamation security

77 (1) If security for the purposes of reclamation is required under the Act, the security must be posted with the Registrar.

(2) The amount of the security referred to in subsection (1) must be determined by the Registrar on a site-specific basis and must include the estimated aggregate current cost for labour, equipment, supplies and services to conduct the following reclamation activities, as required:

(a) removing buildings and structures;

(b) removing or burying foundations;

(c) capping or filling pits, declines and shafts;

(d) stabilizing tailings disposal sites and drainage containment facilities;

(e) surface contouring;

(f) establishing proper site drainage;

(g) re-vegetation work; and

(h) any work not referred to in clauses (a) to (g) that is necessary to reclaim an area disturbed by the lessee, registrant, holder of an excavation registration or holder of a letter of authorization, or an agent or assignee of the lessee, registrant, holder of an excavation registration or holder of a letter of authorization.

(3) The amount of the security determined under subsection (2) may be reviewed and adjusted by the Registrar every 2 years from the anniversary date of the security.

(4) Reclamation of an area must be completed

(a) no later than 12 months after the date that production ceases, or a longer period as may be determined by the Minister; or

(b) under an excavation registration or letter of authorization, no later than 30 days after the date that the work plan is completed, or a longer period as may be determined by the Minister.

Author's qualifications

78 (1) Every report required to be made under the Act or regulations, except a statistical report, must be prepared by a geologist, a geophysicist, a geochemist, a mining or geological engineer, or a person with experience or qualifications acceptable to the Registrar.

(2) Every report must be submitted with the author's certificate attached, and both the report and certificate must be dated and signed.

Subsection 78(2) amended: O.I.C. 2013-267, N.S. Reg. 276/2013.

(3) The author's certificate referred to in subsection (2) must state

(a) the name, address and occupation of the author;

(b) the qualifications of the author, including the author's work experience;

(c) whether the report is based on a personal examination by the author;

(d) the date of any examination;

(e) if the report is not based on a personal examination by the author, the source of the information contained in the report; and

(f) whether the author has, directly or indirectly, received or expects to receive any interest, direct or indirect, in the property of the company for which the report was made or any affiliate, or beneficially owns, directly or indirectly, any securities of the company or any affiliate and, if so, must give particulars.

(4) All engineering work and every report with engineering content must be performed or prepared by a person licensed to practise professional engineering in the Province in compliance with the Engineering Profession Act including Section 20 of that Act, which makes it an offence for a non-member or an unlicensed person to practise professional engineering.

Requirement to mine within limit

79 Without the approval of the Registrar, no lessee or registrant is permitted to mine within the following distances of the boundary line of a lease or non-mineral registration area:

(a) on land areas, within 10 m; and

(b) on submarine areas, within 25 m.

Information required regarding mine closure

80 (1) The summary report to be filed no later than 1 month before the intended permanent closure of a mine under subsection 99(6) of the Act must contain

- (a) the name and head office address and a list of senior company staff of the lessee or registrant;
 - (b) a brief description of the reasons for the closure of the mine;
 - (c) maps, drawings and reports that include
 - (i) an existing site map showing the current location of the mine workings, surface facilities, settling and treatment ponds and ore and waste storage areas,
 - (ii) a summary of any remaining ore reserves or mineralized material in the area of the mine categorized as proven, probable or possible, and details of the cut-off grade, specific gravities, strip ratios and other factors used to calculate the reserves,
 - (iii) details of the quantity and grade of all material stored in waste dumps and tailings dams,
 - (iv) a description of the latest mining methods,
 - (v) for underground operations, the most recently prepared geological and engineering drawings and a description of roof support, and
 - (vi) a map showing the location of all drillholes, trenches, test pits and sample locations not previously reported;
 - (d) a milling report that contains
 - (i) a description of the current processing method, flowsheet and metallurgical balances, and a list of all process equipment used, and
 - (ii) a summary of the results of all metallurgical studies and investigations carried out in the previous 12 months; and
 - (e) the engineering drawings and description for the reclamation of the mine, mill, waste dumps, tailings ponds and other areas disturbed by the project, and the procedures for post-operational monitoring.
- (2) Within 1 month after the date of the permanent closure of a mine, a person who filed a report referred to in subsection (1) must file a supplementary summary report that contains
- (a) engineering drawings of the mine workings at the time of closure on a scale of not less than 1:1200; and
 - (b) production statistics from the date of the last report filed with the Department to the date of the closure.

Required statistical reports

81 Statistical reports required by Section 42 of the Act may be obtained by the Registrar for the purpose of

- (a) providing data for surveys or censuses that are administered jointly or solely by Natural Resources Canada, Statistics Canada or the Department; or
- (b) compiling national or Provincial totals of activities, costs and production with respect to exploration, development and exploitation of minerals.

[Content of statistical reports]

82 (1) Statistical reports required by Section 42 of the Act must include

- (a) a list of costs and other quantitative measures of exploration and development work including drilling, excavations and employment;
- (b) a list of costs of capital construction, machinery and equipment;
- (c) a list of repair costs;
- (d) a list of the amount and value of the production and disposal of substances mined and related by-products and waste products; and
- (e) a list of the amount and value of materials used in, and other expenses associated with, production, processing and manufacturing,

and other information as may be required by the Registrar.

(2) Statistical reports required by Section 42 of the Act must be

- (a) in the form provided by the Registrar; and
- (b) submitted at the times specified on the forms, or as may be required by the Registrar.

Appeals from an officer's decision

83 (1) An appeal under Section 169 of the Act from a decision of an officer must be commenced by a notice of appeal in Form 19.

(2) Except for a notice of appeal under subsection 153(1) of the Act, a notice of appeal must be filed with the Minister within 30 days of the date of the decision appealed.

(3) If an appellant does not indicate on the notice of appeal that a copy of the notice of appeal has been served on the officer whose decision is being appealed, the Minister may send a copy of the notice to the officer.

Form 1 - Notice of Transfer

(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 86)

Part 1

Notice is hereby given that _____ of _____ (or _____, a body corporate duly incorporated under the laws of _____ with head office at _____) (hereinafter called the Transferor) has, subject to compliance with Section 85 of the Mineral Resources Act, sold, transferred, assigned or disposed of the mineral right or non-mineral registration, or interest in a mineral right or non-mineral registration, described below to _____ of _____ (or _____, a body corporate duly incorporated under the laws of _____ with head office at _____) (hereinafter called the Transferee):

Signed on _____, _____.

Witness

Transferor

Affidavit of Execution
(Witness)

I, _____ of the _____ of _____ in the _____ of _____, make oath and say:

1. I was personally present and saw the Notice of Transfer in Part 1 duly signed, sealed and executed by _____, the Transferor.
2. I am a subscribing witness to the Notice of Transfer in Part 1.

Sworn or affirmed before me
in the _____ of _____
in the Province of _____
on _____, _____

A Commissioner of Oaths, Barrister, etc. Witness

Part 2

The Transferee hereby acknowledges the transaction referred to in Part 1.

Signed on _____, _____.

Witness

Transferee

Affidavit of Execution
(Witness)

I, of the _____ of _____ in the _____ of _____, make oath and say:

1. I was personally present and saw the Acknowledgement in Part 2 duly signed, sealed and executed by _____, the Transferee.

2. I am a subscribing witness to the Acknowledgement in Part 2.

Sworn or affirmed before me
in the _____ of _____
in the Province of _____
on _____, _____

A Commissioner of Oaths, Barrister, etc. Witness

Part 3

I, _____, Minister of Natural Resources/Registrar, hereby consent to the transfer referred to in Part 1.

Signed on _____, _____.

Witness

Minister/Registrar

Part 4

Recorded at the office of the Registrar on _____, _____, at _____ a.m./p.m. as instrument _____, page number _____.

Registrar

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

No. _____

Form 2 - Summary of Agreement

(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 87)

Mineral Right/Exploration Licence No. _____

Non-Mineral Mineral Lease No./Non-Mineral Registration No. _____

Registration Claim Reference Map(s) _____

Type of agreement Option, debenture, assignment, transfer, etc.

Between Name and address of Mineral Right Holder/Non-Mineral Registrant:

Name and address of other parties to agreement:

Summary of agreement Describe the general terms and conditions of the agreement,
including term of agreement and schedule of work

Describe the circumstances under which the mineral right/non-mineral registration may be transferred or assigned

Confidential Is this summary to be marked "confidential"
Yes or No (please circle)

Note: A summary that has been marked "confidential" must be held in confidence by the Registrar.

Agreement Expiry Date _____

Signature of Mineral Right Holder/Non-Mineral Registrant

Printed name

Position/occupation

Dated: _____, _____
_____, Nova Scotia

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

No. _____

Form 3 - Caveat
(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 88(4))

This caveat filed on _____, _____ is made pursuant to the Mineral Resources Act,
S.N.S. 1990, c. 18 ("the Act"), s. 88(4).

Take notice that _____ (name of Mineral Right
Holder/Non-Mineral Registrant) is deemed to be holder of _____
(describe the mineral right or non-mineral registration) pursuant to subsection 88(1) of the Act;

And take notice that _____ (name of Mineral Right Holder/ Non-
Mineral Registrant) holds _____ (insert type of right) in trust for:

1. _____ of _____ in the County of Province of _____.
2. _____ of _____ in the County of Province of _____.
3. _____ of _____ in the County of Province of _____.

And further take notice that more details of the trust may be obtained by contacting

Address _____

Submitted by _____
Signature _____

(Please print name)
Address _____

Telephone number (_____) _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

Application No. _____
Card No. _____
Cash Receipt No. _____

Form 4 - Application to Register as Prospector
(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 21(3)(b))

I wish to have my name (or name of the following corporation) added to the list of Prospectors of Nova Scotia:

Name: _____
Address: _____

Postal code: _____
Age (or date of incorporation): _____
Telephone number: _____

I enclose the application fee in the amount of \$ _____.

Dated at _____, Nova Scotia, _____, _____.

Signature (if applicant is a corporation,
state office held by person signing)

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

Form 5 - Prospector's Identification Card
(pursuant to the Mineral Resources Regulations, s. 22(4))

No. _____

The holder of this card, _____, is registered as a prospector pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, and by signing below acknowledges receipt of a copy of the Act and regulations.

Dated _____, _____

Signature of Prospector

Notice

The holder of this card is required to observe all the conditions of the Mineral Resources Act and Mineral Resources Regulations.

A prospector may not enter upon land or prospect without first obtaining the permission of the landowner or tenant.

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

Form 6 - Application for Exploration Licence or Renewal of Exploration Licence
(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 24(2) & 44(1)(a))

Application is hereby made for an Exploration Licence under the Mineral Resources Act for all minerals saving and excepting _____ over an area of ground situated at or near _____ in the County of _____ and described as follows:

Claim

Tract(s)

Claim Reference Map

Signed at _____ Date _____

Signature of applicant (Please print name) Occupation

Address

Postal code

Tel. no.

Licence to be issued to

Address

Postal code

Note: If the intended licensee is not a resident of Nova Scotia, the name and post office address of a person resident in Nova Scotia who has agreed to accept service on behalf of the applicant must be given as follows:

Service may be made upon _____, who resides at
_____, telephone no. () _____.

A licence issued pursuant to this application is subject to the Mineral Resources Act and regulations, in particular the following Sections of the Act: s. 16, s. 39, s. 40, s. 55A, s. 84, s. 85, s. 86, s. 87, s. 88.

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

For Office Use Only:

Applica-

tion No.

Re-group

Renewal

E.L.

No.

No.

clms

Credit

before
New
work
Total
\$
Req'd
\$
Credit
balance

PILW
Year
issue
Anniver-
sary date

Comp

Received _____, _____
Application No. _____
at _____ a.m./p.m.
Licence No. _____

Received Plotted Recorded
Amount of app. fees \$ _____
{ } { } { }
Receipt no. _____
Name & address _____

Comments:

Registry Staff _____

Year of issue _____
Reissue of EL No. _____
Payment in lieu of work \$ _____
Receipt No. _____
Refund particulars _____

Registrar _____

Accepted []
Rejected []
_____, _____

Deputy Minister

Map Cards

Review

Parks

Chrono/Lic/Stat

Eco Sites

Final Lic/MC

Cons. Sites

Mailed

Appn. Entry

Lic./Ref. Entry

Appn. Entry

Lic./Ref. Entry

Map C. Entry

Form 7 - Mineral Rights Holders Information
(pursuant to Mineral Resources Act, S.N.S. 1990, c. 18, s. 25)

In accordance with the Mineral Resources Act, S.N.S. 1990, c. 18, s. 25, please be advised that the following documentation is required to be filed at the office of the Registrar on or before 4:00 p.m. on _____, ____.

Complete applicable section.

A. If an individual or sole proprietorship

1. Name: _____

2. Address: _____

E-mail address: _____

3. Address outside Nova Scotia: _____

4. Name and address of agent resident in Nova Scotia (for non-resident licensees): _____

B. If a partnership or syndicate

1. Name _____

2. A partnership/syndicate (please circle one)

3. Partners or syndicate members residing in Nova Scotia:

Name	Address
------	---------

_____	_____
_____	_____

4. Partners or syndicate members not residing in Nova Scotia:
Name Address

5. Name and address of agent resident in Nova Scotia (for non-resident licensees):

6. Attach copy of the certificate of partnership or syndicate registration or other registration confirming corporate registration for Nova Scotia.

C. If a body corporate

1. Name: _____ Address: _____

2. Name and address of President:

Name and address of Secretary:

Names and addresses of other officers and directors:

Name of individual authorized to conduct business:

Address:

E-mail address:

3. Mode of incorporation: _____

4. Date of incorporation: _____

5. Attach a copy of the certificate of incorporation or registration.

6. Location of head office: _____

7. Name and address of agent resident in Nova Scotia: _____

8. Principal office of the corporation in Nova Scotia: _____

9. Other information as required by the Registrar: _____

I certify the above information to be true and correct.

Dated _____, _____

Signature

(Please print name) Position or office

No. _____

Form 8 - Exploration Licence

(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 35)

This Exploration Licence is hereby granted to _____ of _____ in the Province of _____ to exercise the right to search and prospect for all minerals saving and excepting _____, to extract minerals for test purposes and to apply for a mineral lease for all or part of the area held under this exploration licence, for a period not exceeding 12 months from the date hereof, within that area of ground situated at or near _____ in the County of _____ as described as follows:

This Exploration Licence is granted subject to:

- (a) the rights of the owner or tenant of the land covered by this Licence;
- (b) the provisions of the Mineral Resources Act and regulations, and of any Act or regulations that amend or replace them; and
- (c) any order of the Governor in Council made upon the report and recommendation of the Minister of Natural Resources in respect of any works or rights authorized by this Exploration Licence.

In witness whereof this Exploration Licence is duly executed in the name of the Registrar of Mineral and Petroleum Titles on _____, _____ at Halifax in the County of Halifax.

Signed, sealed and delivered
in the presence of

Witness

Registrar of Mineral and Petroleum Titles

Certificate No. _____

Form 9 - Certificate of Compliance

(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 49)

This certificate is issued to _____, holder of Exploration Licence No. _____ dated _____, _____ to acknowledge that work requirements have been met and/or payment of fees in lieu thereof has been made.

Accordingly Licence No. _____ is issued for _____ year(s) commencing 20____.

Work submitted	\$ _____	Work required	\$ _____
Credits available	\$ _____	Credits remaining	\$ _____

Total available \$ _____ Payment made in lieu of work \$ _____

Remarks

Registrar

Date _____, _____

Map _____

Refs. _____

Form 10 - Statement of Assessment Work Expenditure
(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)

Re: Licence No. _____ Date of issue _____, _____

Type of Work

Amount Spent

1. Prospecting
days

2. Geological mapping
days

3. Trenching/stripping/refilling
m² / m³

4. Assaying & whole rock analysis
#

5. Other laboratory
#

6. Grid:

(a) Line cutting
km

(b) Picket setting
km

(c) Flagging
km

7. Geophysical surveys

Airborne:

- (a) EM/VLF

km

- (b) Mag or Grad

km

- (c) Radiometric

km

- (d) Combination

km

- (e) Other _____

km

8. Geophysical surveys

Ground:

- (a) EM/VLF

km

- (b) Seismic soundings

#

- (c) Magnetic/telluric

km

- (d) IP/resistivity

km

- (e) Gravity

km

- (f) Other _____

km

9. Geochemical surveys

- (a) Lake, stream, spring

- (i) Water

samples

- (ii) Sediments

samples

(b) (i) Rock
samples

(ii) Core
samples

(iii) Chips
samples

(c) (i) Soil
samples

(ii) Overburden
samples

(d) Gas
samples

(e) Biogeochemistry
samples

(f) Sample collection
days

(g) Other _____

10. Drilling:

(a) Diamond (# holes/m)
/ m

(b) Percussion (# holes/m)
/ m

(c) Rotary (# holes/m)
/ m

(d) Auger (# holes/m)
/ m

(e) Reverse circulation (# holes/m)
/ m

(f) Logging, supervision, etc.
/ days

(g) Sealing (# holes)

/

11. Other (describe) _____

Subtotal

Overhead costs

12. Secretarial services

13. Drafting services

14. Office expenses (rent, heat, light, etc.)

15. Field supplies

16. Compensation paid to landowners

17. Legal fees

18. Other (describe)

Subtotal

Grand total

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

Name

Address

Dates Worked

I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As _____ I am duly authorized to make this certification.
(position in company or licensee)

Dated at _____ in the Province of _____ on _____, _____.

Name and address of licensee: _____

Signature _____

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

Form 11 - Prospector's Statement
(pursuant to the Mineral Resources Regulations, s. 41)

Re: Exploration Licence No. _____ (if applicable)
Date first issued _____

Property location: _____ County: _____

Have you filed a Prospector's Statement regarding this property before?
() No () Yes - provide dates (month/year): _____

(Note: only new information is acceptable for work credits.)

- Claims
- Tract
- Claim Ref Map
- Claims
- Tract
- Claim Ref Map

1. Did you search the property for outcrop (), float () or both ()?

2. Was your search carried out:

(a) Along roads or streams?

() No () Yes - identify these features on your map(s).

(b) On control or traverse lines?

() No () Yes - indicate if blazed (), flagged (), or unmarked () and how established (compass, chain, pace, etc.) _____ and show the approximate location of the lines on your map(s).

3. Are your compass bearings magnetic () or true astronomic ()?

4. Did you carry out any trenching/pitting? () No () Yes
stripping? () No () Yes
drilling? () No () Yes

If yes, show the location of these workings on your map(s) and indicate their dimensions. Briefly state your reason for locating these workings where you did.

Excavation Registration No. _____

5. Did you locate any previously existing shafts or adits? () No () Yes
drillhole sites? () No () Yes

If yes, indicate these on your map(s).

6. Record the types of the rocks you observed:

(a) in outcrop: _____

(b) in float: _____

7. Did you measure the strike/trend and dip of:

(a) the rocks in place? () No () Yes

(b) any observed veins? () No () Yes

If yes to either, plot these observations on your map(s).

8. Did you observe any mineralization on the property? () No () Yes

If yes, list the minerals observed _____,

mark the locations and type on your map(s) with symbols (Py, Au, etc.) and indicate the character and width of observed veins, e.g. "Quartz (Q)/3.3 ft. (or 1.0 m)".

9. Did you sample any:
- (a) overburden?
 - (i) soil No Yes
 - (ii) till No Yes
 - (b) panning concentrate? No Yes
 - (c) mine workings? No Yes
 - (d) outcrop or float? No Yes
 - (e) dumps/tailings? No Yes
 - (f) drill core/cuttings? No Yes

10. Did you have any samples analysed? No Yes
If yes, indicate the nature (grab or chip, etc.) and width (ft. or m) of the sample, plot the result on your map(s) and attach original assay sheet(s) from the laboratory.

If no, explain why not _____

11. Record any other observations that you consider significant (here or upon your map(s)):

The total cost of the work reported by this statement is \$ _____
(ref. Statement of Assessment Work Expenditures filed separately)

I hereby certify that the information recorded on this form and on the attached map(s) is, to the best of my knowledge, true and correct and is a description of all work conducted on the licence during the past licensed year.

Dated at _____ on _____, _____

Signature of Licensee

For Department Use Only

Received _____	Conf. to _____
Accepted _____	Files _____
Rejected _____	Exp. Mon _____
Returned _____	D/Base _____
Recorded _____	

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

Registration No. _____

Form 12 - Excavation Registration

(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 101)

This is to certify that: _____ (licensee/lessee),

being the registered holder of Licence/Mineral Lease No.(s) _____ intends to conduct the following, subject to the conditions listed at the end of this form:

Total m³

() trenching, pitting over 1.2 m deep

() trenching, pitting or stripping by mechanical means

Underground Exploration

Number of Headings

Total Depth/Length (metres)

() by shaft sinking

() by driving adits, drifts, or raises

() by reopening previous workings identified as _____ incorporating

() dewatering () rehabilitation.

() by bulk sampling not more than _____ tonnes (maximum is 100 tonnes of mineral-bearing material)

at the following location(s):

Claim

Tract(s)

Claim Ref. Map

in the vicinity of _____ in _____ County, on lands owned by or subject to a surface lease held by:

1. _____
2. _____

If work not conducted by licensee: the work will be conducted by _____ whose field representative is _____, who may be contacted at _____, telephone number () _____.

Not Valid Unless Signed Below

Date work is scheduled to commence _____
Date work is scheduled to be completed _____
Date reclamation to be completed _____

I hereby certify that the information provided by me on this form is absolutely true and correct and I agree to be bound by the conditions contained on the reverse.

Mineral right holder/Authorized agent

For Department Use Only

DOL	<input type="checkbox"/>	Landowner or tenant written permission	<input type="checkbox"/>
DOE	<input type="checkbox"/>	Crown Lands Act	<input type="checkbox"/>
Regional Geologist	<input type="checkbox"/>	Special Places Protection Act	<input type="checkbox"/>

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068

(Reverse of Form 12)

Conditions of the Excavation Registration

1. An excavation registration is required for
 - (a) all trenching or pitting to depths in excess of 1.2 m;
 - (b) all trenching, pitting or stripping by mechanical means;
 - (c) underground exploration including shaft sinking, driving of adits, declines, drifts, levels, cross cuts, raises or winzes or the reopening, rehabilitation or dewatering of any such workings;
 - (d) bulk sampling for the removal of less than 100 tonnes of mineral-bearing material, including tailings.
2. A person submitting an excavation registration is required to
 - (a) complete and submit this registration 7 days before beginning activity;
 - (b) attach a sketch map(s) on a practical scale showing the extent of the proposed work and sufficient topographic detail to permit the work to be easily located;
 - (c) post a reclamation bond in a form and amount satisfactory to the Minister as required by Section 97 of the Mineral Resources Act;
 - (d) provide a statement confirming the consent or agreement of the owner or tenant of the land;
 - (e) submit this form to the Registrar at:
1701 Hollis Street OR P.O. Box 698

Halifax, Nova Scotia
(902) 424-4068

Halifax, Nova Scotia
B3J 2T9

3. Persons conducting work under an excavation registration must refill each excavation no later than 30 days after the date that the work program is completed or such longer time as may be determined by the Registrar. The refilling of excavations may be waived only if the Registrar has accepted a written request from the landowner or tenant for the trench, pit or stripped area to be left open.
4. Royalties must be paid if any product derived from a bulk sample is sold.
5. The Registrar may refuse to record an excavation registration if the information on this form is incomplete, and the Registrar must inform the applicant of this refusal.
6. The recording of an excavation registration does not absolve the licensee of the responsibilities under all other applicable statutes and regulations including but not limited to the Occupational Health and Safety Act and regulations, the Environment Act and regulations and any amendments.
7. There shall be no misrepresentation of fact and information provided on this form by the mineral right holder or their authorized agent.
8. The completion of scheduled work or the striking of this registration from the Registrar's records does not relieve the holder of any obligations contained in these conditions.

Appl. No. _____ Letter of Authorization No. _____

Form 13 - (Application For) Letter of Authorization
(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 102)

Application is hereby made by the registered holder of Licence No.(s) _____ for a Letter of Authorization in accordance with Section 102 of the Mineral Resources Act for the right to conduct bulk sampling for the purpose of extracting 100 tonnes or more of mineral bearing material

- () at surface, of not more than _____ tonnes
- () underground, of not more than _____ tonnes

at the following location(s):

Claim
Tract(s)
Claim Reference Map

(d) submit this form to the Registrar at
1701 Hollis Street OR P.O. Box 698
Halifax, Nova Scotia Halifax, Nova Scotia
(902) 424-4068 B3J 2T9

3. Persons conducting work under a letter of authorization must refill each excavation no later than 30 days after the date that the work program is completed or such longer time as may be determined by the Registrar. The refilling of excavations may be waived only if the Registrar has accepted a written request from the landowner or tenant for the trench, pit or stripped area to be left open.
4. Royalties must be paid if any product derived from a bulk sample is sold.
5. The issuance of a letter of authorization does not absolve the licensee of the responsibilities under all other applicable statutes and regulations including, but not limited to, the Occupational Health and Safety Act and regulations, the Environment Act and regulations and any amendments.
6. There shall be no misrepresentation of fact and information provided on this form by the mineral right holder or their authorized agent.
7. The expiry, revocation or forfeiture of this letter of authorization does not relieve the holder of any of the obligations contained in these conditions.

Form 14 - Application for Lease
(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 56)

Application is hereby made for a Lease for all minerals saving and excepting
_____, in or upon that certain area situated at or near
_____ in the County of _____ contained within the area described
as follows:

Claim
Tract(s)
Claim Reference Map

Applicant name _____

Address _____

Registered office address (if applicable): _____

which is the holder of Licence No.(s) _____ dated _____, _____.

Dated at _____ in the County of _____ on _____, _____.

Applicant/Agent name _____ Phone no. _____

Signature of applicant/agent _____ per: _____

Note: If the applicant is not a resident of Nova Scotia, the name and post office address of a person resident in Nova Scotia who has agreed to accept service on behalf of the applicant must be given as follows:

Service may be made upon _____, who resides at _____, telephone no. () _____.

This application must be accompanied by information required under Section 56 of the Mineral Resources Act and Sections 59, 60 and 61 of the Mineral Resources Regulations.

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

Lease No. _____

Form 15 - Lease

(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 58)

This Mineral Lease issued _____, _____

BY: HER MAJESTY THE QUEEN, in right of the PROVINCE OF NOVA SCOTIA, represented by the Minister of Natural Resources (hereinafter called the "Lessor")

TO: _____, a body corporate with registered office at in the Province of _____ (hereinafter called the "Lessee")

Subject to the payment of the rents and royalties herein reserved and compliance with the terms of this Lease, the Lessor hereby grants unto the Lessee, subject to the provisions of this Lease and the Mineral Resources Act, exclusive rights to all minerals saving and excepting _____, on the following claims in that certain area situated at or near _____ in the County of _____, as outlined on the attached plan as shown in Schedule A and described as follows:

Claim
Tract(s)
Claim Reference Map

and which are also shown on the maps in the files of the Registrar, Department of Natural Resources, at Halifax, Nova Scotia and which comprise _____ hectares more or less.

1. In this Lease, "Act" means the Mineral Resources Act and Mineral Resources Regulations as amended, or replacements thereof, and except where the context otherwise requires, words in this Lease have the same meaning as in the Act.
2. The term of this Lease is 20 years beginning on the date this lease is issued, subject to compliance with the Act.
3. This Lease shall be renewed for a further 20 years upon application to the Minister within the 6 months immediately preceding the date of expiration of this Lease, provided that the Lessee is bona fide working the Lease and is in compliance with the Act and the provisions of this Lease.
4. The Lessee shall not enter upon or conduct any surface excavation, surface mining or other surface work upon any lands until the Lessee has obtained the consent of the landowner or tenant or a surface rights permit to enter upon or conduct the work.
5. The Lessee shall pay a yearly rental to the Registrar, as prescribed in Section 70 of the Mineral Resources Regulations, for each claim included under this Lease. The rental fee is payable yearly in advance, the first payment to be made on _____ after the date of this Lease, and thereafter on _____ in each year.
6. The Lessee shall pay a royalty to the Mine Assessor, as prescribed in Section 121 of the Act or Section 71 of the Mineral Resources Regulations, or at such other rate as shall from time to time be imposed by the Order of the Governor in Council.
7. The Lessee shall maintain a security for the performance of the proposed reclamation program in an amount and form prescribed in Section 77 of the Mineral Resources Regulations.

8. The Lessee shall file an annual report on mining operations in Form 16 on or before March 1 of each year of this Lease specifying all work performed on the area covered by this Lease during the previous calendar year.
9. The Lessee shall indemnify and save harmless the Lessor from any and all claims, demands, losses, damages, actions or other suits that may hereafter arise out of, or as a result of, any exploration, mining, milling or any other act or omission.
10. Unless this Lease is renewed pursuant to the Act, all rights under this Lease absolutely revert to the Lessor upon the surrender, abandonment, expiration or termination of this Lease for any reason whatsoever.
11. This Lease cannot be assigned or transferred in whole or part by the Lessee without the prior written consent of the Minister of Natural Resources.
12. Any notice pursuant to this Lease is valid if given in accordance with Sections 15 of the Mineral Resources Regulations, and addressed to the Lessee at _____ Attention: _____, and to the Lessor at the Department of Natural Resources, P.O. Box 698, Halifax, Nova Scotia, B3J 2T9, Attention: The Minister of Natural Resources.
13. The Lessee shall be registered to do business in Nova Scotia and must maintain the registration in good standing during the term of this Lease.
14. The provisions of this Lease are binding upon and enure to the benefit of the Lessee, its successors and permitted assigns, and will remain in full force until such time as the Lessee has fulfilled its obligations created under this Lease.
15. The Lessee shall provide the Registrar with written notification
 - (a) whenever it is anticipated that production will be suspended for longer than 60 days;
 - (b) immediately following a production suspension of longer than 60 days;
 - (c) whenever it is anticipated that the Lessee will resume production.
16. The Lessee shall provide the Minister with 6 months notice in writing of the Lessee's intent to permanently terminate mining operations. If the Lessee is required, through no fault of the Lessee, to suddenly and permanently terminate mining operations, the Lessee, the legal representative of the Lessee or any creditor of the Lessee must immediately notify the Minister.
17. The Lessee shall hold and maintain in good standing all approvals required by the Nova Scotia Department of Environment and all permits required under all other applicable legislation.
18. Time is of the essence in this Lease.
19. If there is any inconsistency between any provisions of the Act and this Lease, the Act prevails over this Lease to the extent of the inconsistency.

Executed in the name of the Minister of Natural Resources on _____, _____, at Halifax, in the County of Halifax.

In the presence of

Witness

Minister of Natural Resources

(Seal)

Witness

Lessee

Form 16 - Annual Report on Mining Operations

(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 61 and 94(1)(d))

All mineral, gypsum or non-crown limestone producers operating under a Lease or Non-Mineral Registration in the Province of Nova Scotia are required to submit annual information using the format outlined in this form in accordance with Section 61 and clause 94(1)(d) of the Mineral Resources Act, S.N.S. 1990, c. 18.

For the calendar year _____

Note: Resource/reserve information is required only for reports on Leases.

A. Mine name: _____

Mine location: _____

County: _____

Mineral Lease No. _____

Non-Mineral Registration No. _____

Company and address: _____
Type of mine: surface ()
underground ()

_____ Commodity produced: _____

Telephone: _____ Company officials:

Fax: _____ Name Position

Parent company and address: _____

Senior operating staff:

Name Position

Telephone: _____

Fax: _____

B. Names of contractors employed during the year:

(attach separate sheet if necessary)

C. (1) Drawings containing the following information at an appropriate scale in hard copy and where available, digital (AutoCAD or DXF) format and including coordinate references (grid lines) based on latitude and longitude (either 6° or 3°):

(a) general map showing the outline of the existing mine workings relative to major surface features (roads, railroads, topography), surface facilities, watercourses and diversions, settling and treatment ponds, ore and waste storage areas, mineral lease boundaries and property boundaries;

(b) plans showing reserve areas that were extracted during the preceding year. (All areas where ore or waste were mined during reporting period must be clearly identified);

(c) plans clearly identifying the areas where reclamation work was conducted during the preceding year;

(d) location of any diamond drillholes or other exploration/development work performed within the mineral lease boundaries during the reporting period;

(e) geological plans and cross-sections showing the geology of the resource areas extracted during the reporting period and any new and additional geological plans or cross-sections developed during the reporting period within the mineral lease boundaries;

(f) plans clearly identifying any changes to surface rights ownership and boundaries;
and

(g) in addition to actual work performed for the reporting period, a plan clearly identifying the development work and waste/ore production intended for the coming year.

C. (2) In addition to drawings submitted, a summary report describing annual activities and significant events affecting the resource must be submitted and must include:

(a) a summary of the resources and reserves;

(b) changes to the method of working or area of working as outlined in the submitted plans, and a discussion of any exploration programs or mining conditions which led to changes in the ore reserves;

(c) changes to the final reclamation design envisaged for the property;

(d) quantity and analyses of the ore mined;

(e) the source or sources of the ore processed;

(f) the quantity and analyses of the ore processed;

(g) the quantity and analyses of _____ recovered;

(h) the amounts of _____ shipped and their destinations; and

(i) the quantity and analyses of tailings and other waste products discharged from the mill.

RETURN COMPLETED BY _____

Signature _____

Please print name

Date _____, _____

Title

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

Application No. _____

Form 17 - Application for Non-Mineral Registration
(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 90)

Application is hereby made for a Non-Mineral Registration for _____ in or
upon that certain area situated at or near _____ in the County of
_____ contained within the area described as follows:

Claim
Tract(s)
Claim Reference Map

Applicant name _____

Address _____

Registered office address (if applicable): _____

Dated at _____ in the County of _____ on _____, _____.

Applicant/Agent name _____ Phone no. _____

Signature of applicant/agent _____ per: _____

Note: If the applicant is not a resident of Nova Scotia, the name and post office address of a person resident in Nova Scotia who has agreed to accept service on behalf of the applicant must be given as follows:

Service may be made upon _____, who resides at _____, telephone no. () _____.

This application must be accompanied by information required under subsection 90(2) of the Mineral Resources Act and Sections 65 and 66 of the Mineral Resources Regulations.

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.

Application No. _____

Non-Mineral Registration No. _____

Form 18 - Non-Mineral Registration

(pursuant to the Mineral Resources Act, S.N.S. 1990, c. 18, s. 90(2))

This Non-Mineral Registration is issued pursuant to subsection 90(2) of the Mineral Resources Act, and grants to _____, hereinafter called "Registrant", of _____, the right to carry out production of _____, in or upon that certain area situated at or near _____ in the County of _____ as described as follows:

Claim

Tract(s)

Claim Reference Map

and outlined on Schedule “A” attached to and forming part of this Non-Mineral Registration, hereinafter referred to as “the lands”.

1. In this Non-Mineral Registration, “Act” means the Mineral Resources Act and regulations as amended, or replacements thereof, and except where the context otherwise requires, words in this Non-Mineral Registration have the same meaning as in the Act.
2. The Registrant must comply with the Act, and must, during the term of this Non-Mineral Registration, work any mine upon the lands in a prudent and efficient manner.
3. The holder of a Non-Mineral Registration for gypsum must pay to the Minister any tax that is due and payable as prescribed by or under the Gypsum Mining Income Tax Act.
4. The Registrant must file an annual report on mining operations in Form 16 on or before March 1 in each year of this Non-Mineral Registration specifying all work performed on the area covered by this Non-Mineral Registration during the previous calendar year.
5. The Registrant must indemnify and save harmless the Province from any and all claims, demands, losses, damages, actions or other suits that may hereafter arise out of, or as a result of, any exploration, mining, milling or any other act or omission.
6. The Registrant must not assign, transfer, sublet or in any way divest itself of this Non-Mineral Registration, in whole or in part, without the prior written consent of the Minister of Natural Resources.
7. Any notice given pursuant to this Non-Mineral Registration is valid if given in accordance with Sections 15, 16 and 17 of the Mineral Resources Regulations, by registered mail, postage pre-paid, and addressed to the Registrant at _____, Attention: _____, and to the Department of Natural Resources, P.O. Box 698, Halifax, Nova Scotia, B3J 2T9, Attention: The Registrar.
8. The Registrant must be registered to do business in Nova Scotia and must maintain the registration in good standing during the term of this Non-Mineral Registration.
9. The provisions of this Non-Mineral Registration are binding on the Registrant and its successors and permitted assigns.
10. The Registrant shall provide the Registrar with written notification
 - (a) whenever it is anticipated that production will be suspended for longer than 60 days;
 - (b) immediately following a production suspension of longer than 60 days;
 - (c) whenever the Registrant intends to resume production.

11. The Registrant must hold and maintain in good standing all approvals required by the Nova Scotia Department of Environment and all permits required under all other applicable legislation.

12. Time is of the essence in this Non-Mineral Registration.

13. If there is any inconsistency between any provisions of the Act and this Non-Mineral Registration, the Act prevails over this Non-Mineral Registration to the extent of the inconsistency.

Executed in the name of the Minister of Natural Resources on _____, _____, at Halifax, in the County of Halifax.

In the presence of

Witness

Minister of Natural Resources

Witness

Registrant

Form 19 - Notice of Appeal
(pursuant to the Mineral Resources Act, S.N.S. 1990, c.18, s. 169)

Take notice that I wish to appeal the decision of _____ (name of officer) made _____, _____ (date).

Whereby (state decision of officer) _____

My grounds for objecting to this decision are (state reason for appeal):

I have sent a copy of this notice to the officer by personal delivery/registered mail/facsimile transmission (circle one).

Dated at _____, _____, _____.

Signature of Appellant

Mailing address of Appellant

To: The Minister of Natural Resources

For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.