

## Guidelines: Geoscience Exploration Licence Application

Updated April 30, 2015

### CONTENTS

Purpose of these Guidelines .....	1
Who Can Apply? .....	1
Eligibility to Hold a Licence .....	1
<b>SUBMISSION REQUIREMENTS</b> .....	1
Authority .....	2
What is a Geoscience Exploration Licence? .....	2
Oil and Gas Activities Requiring a Licence .....	2
Types of Geoscience Licenses & Fees .....	2
List of Forms .....	3
Timing of Application .....	3
Prior to Applying for A Licence .....	3
Instructions for Completing the Geoscience Exploration Licence Application .....	6

### Contact Information

 Hand Delivery & Courier	Chief Operations Officer Government of Yukon Energy, Mines and Resources Oil & Gas Resources Suite 300, 211 Main Street Whitehorse, Yukon, Y1A 2B2
 Mail	(K-11) Box 2703 Whitehorse, Yukon, Y1A 2C6
 Phone & Fax	Fax: (867) 393-6262 Phone: (867) 667-3427
 E-mail	oilandgas-COO@gov.yk.ca

### PURPOSE OF THESE GUIDELINES

These guidelines are provided to assist with applications for

- a new geoscience exploration licence,
- an extension of an operating period pertaining to an existing licence, and
- the modification of an operation pertaining to an existing licence.

**Disclaimer:** If there is any conflict or inconsistency between these guidelines or the application form and any provision of the Yukon *Oil and Gas Act* (YOGA) or its regulations, the Yukon *Oil and Gas Act* and its regulations prevails.

### WHO CAN APPLY?

Any person may apply for a geoscience exploration licence by submitting a completed application form to the Chief Operations Officer (COO). It's not necessary to be a holder of an oil and gas disposition to obtain a geoscience exploration licence, however it is necessary to be eligible to hold a licence.

### ELIGIBILITY TO HOLD A LICENCE

According to section 4 of the OGLAR, in order to be eligible to hold a licence, a person must be incorporated, continued or registered under the *Business Corporations Act*; incorporated or continued under the *Bank Act* (Canada); licensed under the *Insurance Act*; or approved by the Minister.

### SUBMISSION REQUIREMENTS

Submit in a format acceptable to the Chief Operations Officer, using the *Geoscience Exploration Licence Application* form which can be downloaded from [www.emr.gov.yk.ca/oilandgas/formsandfees.html](http://www.emr.gov.yk.ca/oilandgas/formsandfees.html). E-mail is the preferred method of submission, but if mailing, please send 2 copies of the application to Oil and Gas Resources (OGR) at the address provided in the contact information box at the top of these guidelines. For more information, please telephone Oil and Gas Resources.

## **AUTHORITY**

The Chief Operations Officer, Oil and Gas Resources, has the authority to issue a Geoscience Exploration Licence pursuant to the *Yukon Oil and Gas Act (YOGA)*, the *Oil and Gas Geoscience Exploration Regulations (OGGER)*, the *Oil and Gas Drilling and Production Regulations (OGDPR)*, and the *Oil and Gas Licence Administration Regulations (OGLAR)*.

## **WHAT IS A GEOSCIENCE EXPLORATION LICENCE?**

A Geoscience Exploration Licence is required for any oil and gas exploration activity, including investigations of the subsurface of the earth using direct methods (for example, geological mapping) or indirect methods (including a seismic survey).

## **OIL AND GAS ACTIVITIES REQUIRING A LICENCE**

Under the YOGA, licences are required for all oil and gas activities in Yukon. Oil and gas activity includes:

1. Exploration, such as seismic or geological mapping;
2. Drilling of oil and gas wells; and
3. Construction and operation of
  - a. a pipeline wholly contained in Yukon,
  - b. a gas processing plant, or
  - c. an oil and gas facility.

## **TYPES OF GEOSCIENCE LICENSES & FEES**

### **Geophysical Geoscience Licenses**

- Required for any geophysical operation which attempts to measure or investigate the subsurface of the earth through indirect methods.
- Geophysical operations can be seismic, magnetic, gravimetric, electromagnetic, or other.
- Application fee: \$500.

### **Geological Geoscience Licenses**

- Required for any geological operation which attempts to locate oil and gas through surface of the earth investigation.
- Geological Operations can be *Geological Mapping, Aerial Photography, Geotechnical Survey, Ground Penetrating Survey, or Other*.
- Application fee: \$300.

## LIST OF FORMS

The *Geoscience Exploration Licence Application* form and guidelines are available at [www.emr.gov.yk.ca/oilandgas/formsandfees.html](http://www.emr.gov.yk.ca/oilandgas/formsandfees.html).

## TIMING OF APPLICATION

The application for a geoscience exploration licence must be submitted at least 30 days prior to the commencement date of the operation.

## PRIOR TO APPLYING FOR A LICENCE

It is important that project planning be largely in place before applying for a geoscience exploration licence. Due to requirements regarding consultation and notification with First Nations, and the *Yukon Environmental and Socio-Economic Assessment Act* (YESAA), applicants are encouraged to contact the Chief Operations Officer early. The COO can provide guidance throughout the planning and application process.

### Consultation and Notification Requirements

Consultation and Notification with affected Yukon First Nation(s), and others affected by the proposed activity is **required prior to application** for a licence (see #13 **Attachments** on the application form).

### Proof of Financial Assurance

Proof of financial assurance may be required upon submission of the application.

### The YESAA Process

Most projects and activities will be subject to an assessment process before a licence is issued. Assessments are done pursuant to the *Yukon Environmental and Socio-Economic Assessment Act* (YESAA). This Act applies throughout Yukon and to projects under the authority of federal, territorial and First Nations governments. A YESAA Board (YESAB) and regional designated offices have been established to conduct environmental and socio-economic assessments.

Proponents are asked to provide information on the project and the surrounding environment, the potential environmental effects, socio-economic effects directly related to the project, and mitigation proposed to eliminate or reduce these effects. The Board seeks input from governments, advisory committees, and the public in conducting the assessment. The Board then recommends whether the project should proceed, what mitigation measures are required, and whether further assessment is required.

Oil and Gas Resources works with other agencies to coordinate the application submission requirements, the YESAA process, the regulatory review of the recommendations, and the development of appropriate licence terms and conditions. Not all proposed geoscience activities initiate the YESAA assessment process. Contact the COO for details concerning your proposal.

If a YESAA assessment process is initiated, then the application process will involve two parallel streams. An internal review is done within the Yukon government with Oil and Gas Resources as the lead regulator. The YESAA Board presents Oil and Gas Resources with a Recommendation Report based on their consultations with various stakeholders. The COO may respond with Accept/Vary/Reject to any or all of the recommendations.

### **Operations Review of the Project by OGR**

Within OGR, the licence applicant's proposal undergoes an operations review to ensure that it can be conducted safely and to industry standards. The project is examined to ensure that the proposed operations comply with the YOGA and regulations. Adherence to other territorial legislation and standards from the Department of Environment, the Department of Community Services, the Yukon Workers' Compensation Health and Safety Board, the Heritage Branch of the Department of Tourism & Culture, and acts and regulations from Indian and Northern Affairs Canada is also verified.

The operations review is complete when all the required information has been received and examined and the program operations are assessed. Licences may be issued with or without conditions regarding operations, or the licence may be denied.

### **Assessment Requirements Determination**

YESAA assessments are required for many activities; Part 3 of the YOGA, and the YESAB website ([www.yesab.ca](http://www.yesab.ca)) should be consulted.

For more information on timelines and how the YESAB and the Government of Yukon work together please refer to: [www.emr.gov.yk.ca/pdf/yesaa\\_guide\\_final\\_web.pdf](http://www.emr.gov.yk.ca/pdf/yesaa_guide_final_web.pdf).

### **Best Management Practices**

Yukon has developed, and is continuing to develop best management practices for oil and gas exploration and development activities. To download a copy of the *Yukon Oil and Gas Best Management Practices* brochure, visit the Oil and Gas Resources website at [www.emr.gov.yk.ca/oilandgas/best\\_management\\_practices.html](http://www.emr.gov.yk.ca/oilandgas/best_management_practices.html). While oil and gas best management practices are not legislation, they are considered by officials of Oil and Gas Resources and influence decisions made in the course of administering the OGA and its regulations.

### **Land Use Permits**

Land use permits are required for most activities on Yukon lands. The *Territorial Land Use Regulations* specify project requirements for permits and would apply to such oil and gas projects as clearing seismic lines, constructing an access route, or clearing a well site. Land use permits are typically issued for a period of two years with an option for a one-year extension.

A permit does not provide the holder exclusive rights, interest, or tenure to the land. Permits typically include terms and conditions to ensure that work is conducted in an environmentally safe and responsible manner.

For more information please refer to [www.emr.gov.yk.ca/lands/index.html](http://www.emr.gov.yk.ca/lands/index.html).

### **Water Licences**

A water licence under the [Waters Act and Waters Regulation](#) may be required for certain oil and gas activities depending on the water usage and the need to discharge into a water body:

- During exploration and ice road construction, the proponent may require a water licence if water use is more than 100 m<sup>3</sup>/day.
- Stream crossings greater than five metres in width may require a water licence for culvert installation.
- Camps with a capacity of greater than 50 people per day will require a water licence for waste disposal.

Drilling mud and cutting disposal sumps will not require a licence if the Alberta Energy Utility Board Guide 50 is followed.

During well drilling, produced water may be extracted from the formation and re-injected back to the formation or another formation that is not connected to surface or groundwater, without a licence.


### **Benefits Agreements**

A benefits agreement is required in Yukon for all projects with estimated expenditures of more than \$1 million over a 12-month period. A benefits agreement identifies employment and training opportunities for Yukon residents including Yukon First Nations and residents of communities affected by oil and gas activity. It also identifies opportunities for Yukon businesses to supply goods and services to the licensee and the licensee's contractors. The benefits are to be commensurate with the nature, scale, duration, and cost of the project, and shall not place an excessive burden on the licensee. The agreement is negotiated by the licensee, the Yukon government, and the affected Yukon First Nation(s). For more information about benefits agreements, visit the Oil and Gas Resources website at

[http://www.emr.gov.yk.ca/oilandgas/authorizing\\_activities.html](http://www.emr.gov.yk.ca/oilandgas/authorizing_activities.html).

## INSTRUCTIONS FOR COMPLETING THE GEOSCIENCE EXPLORATION LICENCE APPLICATION

The application form consists of two pages in MS EXCEL format. After saving the document to your computer, complete the application by tabbing through the fields and completing the information. The form can also be navigated by using the mouse to place the insertion point where needed.



**Yukon**  
Energy, Mines and Resources  
Oil and Gas Resources (K-11)  
Box 2700, Whitehorse, YT Y1A 2C6  
Tel: 867-393-7042  
Fax: 867-393-6262  
[www.yukongeology.com](http://www.yukongeology.com)  
richard.carbert@gov.yk.ca

**Geoscience Exploration Licence Application**  
*Oil and Gas Geoscience Exploration Regulations  
Oil and Gas Act*

Office use only:  
File # \_\_\_\_\_  
Licence # \_\_\_\_\_  
Date Stamp (received): \_\_\_\_\_

---

1 Date

2 Licensee (applicant)

3 Application Purpose  New Licence  Licence Modification - Original Licence # \_\_\_\_\_

4 Operation Type - Geophysical  Seismic  Gravimetric  Other (specify) \_\_\_\_\_  
 Magnetic  Electromagnetic

- Geological  Geological Mapping  Geotechnical Survey  Other (specify) \_\_\_\_\_  
 Aerial Photography  Ground Penetrating Survey

- Test Hole  Vertical  Directional

5 Area  Bonnet Plume  Eagle Plain  Kandik  Liard Plateau  
 North Coast  Old Crow  Peel Plateau  Whitehorse  
 Other (specify) \_\_\_\_\_

6 First Nation Traditional Territory  Carcross/Tagish  Champagne & Aishihik  
 Kivanlin Dun  Liard  
 Nacho Nyak Dun  Ross River Delta  
 Ta'an Kivach'an  Teslin Tlingit  
 Vuntut Gwitchin  Whitehorse  
 Inuvialuit  Huvëch'in Hän  
 (Transboundary)  Tettit Gwichin

7 Surface Land Rights  Federal Land  Yukon Land (Category A)  Fee Simple Land  
 Yukon Land (Category B)

8 Location

9 Species   
 Exclusive for Participation  Non-Exclusive Purchase/Reprocess

Areal Extent

Energy Source

Patterns  No  Yes

(Test Hole) Proposed TD (m) \_\_\_\_\_ TVD \_\_\_\_\_ MD \_\_\_\_\_ Ground Elevation(m) \_\_\_\_\_  
 (TD = total depth)  
 Formation at TD \_\_\_\_\_

Logs

10 Operation Period

<http://www.emr.gov.yk.ca/oilandgas/formsandfees.html>

Geoscience Exploration Licence Application 0106

6/19/2009

12



**Above the Line**

This area will be completed by the staff at Oil and Gas Resources.

<p><b>Yukon</b> Energy, Mines and Resources Oil and Gas Resources (K-11) Box 2703, Whitehorse, YT Y1A 2C6</p> <p>Tel: 867-393-7042 Fax: 867-393-6262 <a href="http://www.yukonlandgas.com">www.yukonlandgas.com</a> richard.corbet@gov.yk.ca</p>	<p><b>Geoscience Exploration Licence Application</b> <i>Oil and Gas Geoscience Exploration Regulations</i> <i>Oil and Gas Act</i></p>	<div style="border: 1px solid black; padding: 2px;"> <p>Office use only:</p> <p>File # _____</p> <p>Licence # _____</p> <p>Date Stamp (received): _____</p> </div>
--	---	--

**1 Date**

Indicate the date the application will be submitted to the Chief Operations Officer.

1 Date	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; font-size: small;">dd</td> <td style="text-align: center; font-size: small;">mm</td> <td style="text-align: center; font-size: small;">yyyy</td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 15px;"></td> <td style="border: 1px solid black; width: 30px; height: 15px;"></td> <td style="border: 1px solid black; width: 60px; height: 15px;"></td> </tr> </table>	dd	mm	yyyy			
dd	mm	yyyy					

**2 Licensee (applicant)**

Enter the legal company name of the applicant.

2 Licensee (applicant)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; font-size: small;">Company Name</td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> </tr> </table>	Company Name	
Company Name			

**3 Application Purpose**

Indicate the reason for the application by checking one box.

3 Application Purpose	<input type="checkbox"/> New Licence	<input type="checkbox"/> Licence Modification - Original Licence # _____
-----------------------	--------------------------------------	--

If a **New Licence** is being applied for, complete the entire application form.

If the purpose of the application is a **Licence Modification**, enter the number of the original licence to be modified. Attach details of the modification. It is not necessary to complete the rest of the form if that information has been previously submitted to Oil and Gas Resources.



#### 4 Operation Type

Indicate the type of operation that will be carried out. Please submit one application for every operation applied for.

##### **Geophysical Operation**

Includes any indirect investigation of the earth's subsurface other than velocity or vertical seismic surveys (but includes walkaway vertical seismic surveys).

4 Operation Type - Geophysical	<input type="checkbox"/> Seismic	<input type="checkbox"/> Gravimetric	<input type="checkbox"/> Other (specify)
	<input type="checkbox"/> Magnetic	<input type="checkbox"/> Electromagnetic	_____
- Geological	<input type="checkbox"/> Geological Mapping	<input type="checkbox"/> Geotechnical Survey	<input type="checkbox"/> Other (specify)
	<input type="checkbox"/> Aerial Photography	<input type="checkbox"/> Ground Penetrating Survey	_____
- Test Hole	<input type="checkbox"/> Vertical	<input type="checkbox"/> Directional	

##### **Geological Operation**

Includes any investigation of the surface and near surface of the earth other than test holes.

**Geological mapping** includes taking soil, rock or geochemical samples, measurements of lineaments and other geological features, noting lithological, stratigraphic, sedimentological and paleontological details of rock outcrops, etc.

**Aerial photography** includes only that for the purpose of locating oil or gas.

**Geotechnical surveys** include any geological surveys that do not penetrate the surface of the earth, excluding aerial photography and geological mapping.

**Ground penetrating surveys** include near-surface investigation of the earth such as tomography and ground penetrating radar.

##### **Test Hole Operation**

Includes any hole drilled for near-surface investigation of the earth but which is not intended for production of oil or gas.

##### **Other**

Specify types of operations not included in geophysical, geological, or test hole. Applicants are encouraged to contact the Chief Operations Officer to discuss other operations prior to submitting this application.

**5 Area**

5 Area	<input type="checkbox"/> Bonnet Plume <input type="checkbox"/> North Coast <input type="checkbox"/> Other (specify) _____	<input type="checkbox"/> Eagle Plain <input type="checkbox"/> Old Crow	<input type="checkbox"/> Kandik <input type="checkbox"/> Peel Plateau	<input type="checkbox"/> Liard Plateau <input type="checkbox"/> Whitehorse Trough
--------	---	---	--	--

Indicate all areas into which the operation extends. If indicating a location under Other, indicate the grid area and sections, or attach a map.

Yukon maps can be obtained from the Oil and Gas Resources branch, and accessed online at [www.emr.gov.yk.ca/oilandgas/mapsdata.html](http://www.emr.gov.yk.ca/oilandgas/mapsdata.html).

**6 First Nation Traditional Territory**

Select all traditional territories into which the operation extends. A map of the traditional territories of all Yukon First Nations can be found online at [www.environmentyukon.gov.yk.ca/geomatics/maps/FNTT.pdf](http://www.environmentyukon.gov.yk.ca/geomatics/maps/FNTT.pdf).

Note that the Inuvialuit and Tetlit Gwichin are transboundary First Nations and are not part of the common regime. Liard and Ross River Dena may be represented by the Kaska Dena.

6 First Nation Traditional Territory	<input type="checkbox"/> Carcross/Tagish <input type="checkbox"/> Kwanlin Dun <input type="checkbox"/> Nacho Nyak Dun <input type="checkbox"/> Ta'an Kwach'an <input type="checkbox"/> Vuntut Gwitchin <input type="checkbox"/> Inuvialuit (Transboundary)	<input type="checkbox"/> Champagne & Aishihik <input type="checkbox"/> Liard <input type="checkbox"/> Ross River Dena <input type="checkbox"/> Teslin Tlingit <input type="checkbox"/> White River <input type="checkbox"/> Kaska Dena	<input type="checkbox"/> Kluane <input type="checkbox"/> Little Salmon/Carmack <input type="checkbox"/> Selkirk <input type="checkbox"/> Tr'ondëk Hwëch'in Hän (Dawson) <input type="checkbox"/> Tetlit Gwichin
--------------------------------------	--	---	---

**7 Surface Land Rights**

Indicate the holder of surface land rights. For more information, contact Yukon's Land Claims and Implementation Secretariat through their webpage: [http://www.eco.gov.yk.ca/land\\_claims\\_fn\\_relations.html](http://www.eco.gov.yk.ca/land_claims_fn_relations.html).

7 Surface Land Rights	<input type="checkbox"/> Federal Land <input type="checkbox"/> Yukon Land	<input type="checkbox"/> First Nations Land (Category A) <input type="checkbox"/> First Nations Land (Category B)	<input type="checkbox"/> Fee Simple Land
-----------------------	--	--	--

**8 Location**

Indicate the physical location where the operation will be carried out. Attach a map.

	Unit(s)	Section(s)	Grid Area(s)	Description
8 Location				
Field Work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Camp Location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 9 Specifics of Operations

<p>9 Specifics of Operations</p> <p>(Geophys. &amp; Geolog.)</p>	<p><input type="text"/> Number of Personnel</p> <p><input type="checkbox"/> Exclusive for Participation _____ <input type="checkbox"/> Non-Exclusive Purchase/Reproce</p> <p>Areal Extent _____ <small>(km or sq. km)</small></p> <p>Energy Source _____</p> <p><input type="text"/> Depth (m)      <input type="text"/> Source Parameters(m) <input type="text"/> Charge Size(kg)      <input type="text"/> Detector Parameters(m)</p> <p>Patterns <input type="checkbox"/> No    <input type="checkbox"/> Yes      <input type="text"/> If yes, total charge per pattern(kg)</p> <p>(Test Hole) Proposed TD (m) _____ TVD _____ MD _____ Ground Elevation(m) _____ <small>(TD = total depth)</small></p> <p>Formation at TD _____</p> <p>Logs _____</p>
--	---

### **Number of Personnel**

Indicate the total number of personnel involved in the operation, including people on work crews.

### **Geophysical and Geological**

**Exclusive survey:** operation conducted to acquire data for the licensee only and not for sale.

**Non-exclusive survey:** operation conducted to acquire data for the purpose of sale to the public.

**Participation survey:** operation where the data acquired is to be shared among the participants.

**Aerial extent:** for linear operations (e.g. seismic) this is measured in kilometres, for operations that span in length and width this is measured in square kilometres.

**Energy Source:** power source (e.g. explosive, vibroseis).

**Depth:** that the energy source will be set, measured in metres from ground level.

**Charge size:** indicate explosive charge size in kilograms.

**Source and detector parameters:** indicate spacing for both the energy source and the detectors.

**Patterns:** indicate whether or not any patterns will be used, and the size of the energy source per pattern if applicable.

**Test Hole**

**Proposed TD(m):** indicate the true vertical depth (TVD) and the measured depth (MD).

Indicate **Ground Elevation** in metres above sea level.

**Formation at TD:** indicate the last formation that will be drilled into at total depth.

**Logs:** list all logs that are to be run in the test hole, including deviation logs. Attach extra pages if need be.

**10 Operation Period**

Indicate the commencement date and completion date of the operation. Note that completion includes the required abandonment of any holes and waste removal.

	Commencement Date (dd/mm/yyyy)		Completion Date (dd/mm/yyyy)	
<b>10 Operation Period</b>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>		<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	

**11 Estimated Expenditures**

Estimate the total expenditures for the operation from beginning to end.

<b>11 Estimated Expenditures</b>	Field Work	\$	-		
	Data Processing	\$	-		
	Other	\$	-		
	<b>Total</b>	\$	-		

**12 Other Permits/Agreements**

If any of the following permits/agreements are required, select **Y** (Required), otherwise select **N** (Not Required). If permits have been obtained, or any agreements, consent, and or consultation has been completed, choose **C** to indicate completed or obtained. Where applicable, include the corresponding number. More than one box can be selected.

<b>12 Other Permits/Agreements</b>	Registration Number	#		<input type="checkbox"/> C	<input type="checkbox"/> Y	<input type="checkbox"/> N
Y=Required, N=Not required	Consent of First Nation(s)			<input type="checkbox"/> C	<input type="checkbox"/> Y	<input type="checkbox"/> N
C=Completed or Obtained	Benefits Agreement			<input type="checkbox"/> C	<input type="checkbox"/> Y	<input type="checkbox"/> N

**Registration Number**

The corporate registration number of the applicant obtained under the Yukon *Business Corporations Act* when the company was incorporated, continued, or registered. Companies may also be incorporated or continued under the *Bank Act* (Canada) or licensed under the *Insurance Act* (Canada). If this is the case, please provide the appropriate documentation for verification. All companies operating in the Yukon must be registered. For more information, contact Yukon Corporate Affairs through their website:  
[www.community.gov.yk.ca/corp/index.html](http://www.community.gov.yk.ca/corp/index.html).

**Consent of First Nation(s)**

Before the effective date of a Yukon First Nation’s final land claim agreement, the Chief Operations Officer cannot issue any licences in the traditional territory of that First Nation without the consent of that First Nation. Consent should be sought prior to the submission of a licence application.

Three Yukon First Nations are currently without final land claim agreements: Ross River Dena Council, Liard First Nation and White River First Nation. The traditional territories of these three Yukon First Nations are shown on the map entitled *Yukon Land Status with Oil and Gas Interests*. A map showing the traditional territories of all Yukon First Nations can be found online at [www.environmentyukon.gov.yk.ca/geomatics/maps/FNTT.pdf](http://www.environmentyukon.gov.yk.ca/geomatics/maps/FNTT.pdf). Details of the First Nation settlement areas can be obtained from the Yukon Land Claims and Implementation Secretariat [http://www.eco.gov.yk.ca/land\\_claims\\_fn\\_relations.html](http://www.eco.gov.yk.ca/land_claims_fn_relations.html).

**Benefits Agreement**

If the licenced work will entail costs over \$1,000,000.00 in any 12 month period, a benefits agreement must be in place prior to the commencement of any activity.

The agreement must be negotiated by the licensee or applicant, the Government of Yukon, and Yukon First Nation(s) with settlement land or traditional territory where the activity is proposed. For more information and community contacts, call Oil and Gas Resources.

**13 Attachments**

Choose **Y** (YES) if the item is attached, and **N** (NO) if the item is not attached.

<b>13 Attachments</b> Y=Yes attached N=Not attached	Geoscience program(Geoscience Exploration Guidelines)	<input type="checkbox"/>	Y	<input type="checkbox"/>	N
	Consultation and Notification(Geoscience Exploration Guidelines)	<input type="checkbox"/>	Y	<input type="checkbox"/>	N
	Proof of Financial Assurance( <i>Oil and Gas Act</i> , Section 66)	<input type="checkbox"/>	Y	<input type="checkbox"/>	N
	Application Fee( <i>Oil and Gas Licence Administration Regulations</i> )	<input type="checkbox"/>	Y	<input type="checkbox"/>	N
	Deviations from the <i>Oil and Gas Geoscience Exploration Regulations</i>	<input type="checkbox"/>	Y	<input type="checkbox"/>	N

**Geoscience Program**

The geoscience program should include the following:

1. A page-sized plat showing the location of the operation in relation to adjacent rivers, other geographical and cultural features, or provincial/territorial boundaries.
2. A map of the program location. Send a paper copy, and also an electronic version. Verify the electronic format with the COO and follow these specifications:
  - a. Scale: 1:50,000 to 1:250,000. Note: this scale is usually appropriate, however a larger scale may be required. Verify with the Chief Operations Officer.
  - b. Include proposed seismic lines in relation to existing geophysical control in the area.
  - c. For 3D surveys, identify in-lines and cross-lines, and areas with less than full coverage.

- d. Indicate the position of the proposed operation.
  - e. List the interests to which the operation may apply.
  - f. Indicate proposed access roads or lines, and camps.
3. A complete technical description of the operation, for example, a description for a reflection seismic operation might read:
    - a. '1200% CDP reflection seismic',
    - b. include gravity and magnetic data and
    - c. specify the charge size and depth
  4. A breakdown of the number of kilometres for each type of seismic proposed.
  5. If the operation crosses the Yukon boundary, provide the total size of the operation, and also the size of the Yukon portion of the operation.
  6. A list of the number of drilling and vibroseis units to be mobilized.
  7. An outline of the safety precautions in place to ensure a minimum blasting/vibroseis distance between existing well sites and planned seismic lines.
  8. An outline of the measures in place to protect known archaeological sites, and First Nation Burial Sites from intersecting or adjacent seismic lines.
  9. An outline of the safety precautions in place to ensure minimum blasting/vibroseis distances between seismic lines and gathering lines or pipelines.
    - a. Include copies of pipeline crossing agreements.
  10. The Emergency Response Plan for the operation.
  11. The communication systems procedures including back-up procedures.
  12. Provide specification on the maximum number of personnel expected during peak activity.
  13. River and lake crossing descriptions and procedures.
  14. Ice-bridge and road construction technical descriptions.

### **Consultation and Notification**

Consultation with land owners, trappers, outfitters, and First Nation(s) on whose traditional territory the proposed activity will take place is required prior to application for a licence. The intent of this consultation is to unveil any concerns or sensitivities that interest holders might have, to address issues and concerns during the planning stage of the operation.

Notification to trappers is required prior to the commencement of activities, and may consist of telephone calls, letters or a meeting to explain what equipment will be used and the exact dates that the operation will be carried out.

It is the responsibility of licensees to keep detailed records of the notification process. Copies of all correspondence, dates and times of telephone calls, meeting minutes, concerns raised and measures taken to address them, are required with the application and prior to the commencement of operation.

**Proof of Financial Assurance**

Contact Oil and Gas Resources to determine if proof of financial assurance is required. The Minister may require a letter of credit, a guarantee, or an indemnity bond. The amount will be determined by the Minister based on the risk associated with the proposed operation.

**Application Fee**

Ensure the application fee is included with the application.

**Deviations from the Oil and Gas Geoscience Exploration Regulations**

Provide details if applying for deviations from the regulations. Check **Y (YES)** if any bold outlined boxes have been checked, and if other deviations from the regulations are being applied for.

**14 Contact Information**

Enter the contact information for EITHER:

- the data acquisition contractor, OR the drilling contractor; and
- the data processing contractor OR the logging contractor, and
- the licensee.

Fields that are not needed in the Contact Information section can be left blank.

The form must be signed by a person in authority and authorized to do so.

Indicate the date the form was signed.

<b>14 Contact information</b>									
<input type="checkbox"/> Data Acquisition Contractor	<table border="1"> <tr><td>Contact Name</td><td>Title</td></tr> <tr><td>Company Name</td><td>Phone Number</td></tr> <tr><td>Address</td><td>Postal Code</td></tr> <tr><td>e-mail address</td><td>Fax Number</td></tr> </table>	Contact Name	Title	Company Name	Phone Number	Address	Postal Code	e-mail address	Fax Number
Contact Name	Title								
Company Name	Phone Number								
Address	Postal Code								
e-mail address	Fax Number								
<input type="checkbox"/> Drilling Contractor	<table border="1"> <tr><td>Contact Name</td><td>Title</td></tr> <tr><td>Company Name</td><td>Phone Number</td></tr> <tr><td>Address</td><td>Postal Code</td></tr> <tr><td>e-mail address</td><td>Fax Number</td></tr> </table>	Contact Name	Title	Company Name	Phone Number	Address	Postal Code	e-mail address	Fax Number
Contact Name	Title								
Company Name	Phone Number								
Address	Postal Code								
e-mail address	Fax Number								
<input type="checkbox"/> Data Processing Contractor	<table border="1"> <tr><td>Contact Name</td><td>Title</td></tr> <tr><td>Company Name</td><td>Phone Number</td></tr> <tr><td>Address</td><td>Postal Code</td></tr> <tr><td>e-mail address</td><td>Fax Number</td></tr> </table>	Contact Name	Title	Company Name	Phone Number	Address	Postal Code	e-mail address	Fax Number
Contact Name	Title								
Company Name	Phone Number								
Address	Postal Code								
e-mail address	Fax Number								
<input type="checkbox"/> Logging Contractor	<table border="1"> <tr><td>Contact Name</td><td>Title</td></tr> <tr><td>Company Name</td><td>Phone Number</td></tr> <tr><td>Address</td><td>Postal Code</td></tr> <tr><td>e-mail address</td><td>Fax Number</td></tr> </table>	Contact Name	Title	Company Name	Phone Number	Address	Postal Code	e-mail address	Fax Number
Contact Name	Title								
Company Name	Phone Number								
Address	Postal Code								
e-mail address	Fax Number								
Data Interpretation Contractor	<table border="1"> <tr><td>Contact Name</td><td>Title</td></tr> <tr><td>Company Name</td><td>Phone Number</td></tr> <tr><td>Address</td><td>Postal Code</td></tr> <tr><td>e-mail address</td><td>Fax Number</td></tr> </table>	Contact Name	Title	Company Name	Phone Number	Address	Postal Code	e-mail address	Fax Number
Contact Name	Title								
Company Name	Phone Number								
Address	Postal Code								
e-mail address	Fax Number								
Licensee	<table border="1"> <tr><td>Contact Name (s)</td><td>Title</td></tr> <tr><td>Address</td><td>Phone Number</td></tr> <tr><td>e-mail address</td><td>Postal Code</td></tr> <tr><td></td><td>Fax Number</td></tr> </table>	Contact Name (s)	Title	Address	Phone Number	e-mail address	Postal Code		Fax Number
Contact Name (s)	Title								
Address	Phone Number								
e-mail address	Postal Code								
	Fax Number								
Name: _____ Title: _____									
Signature: _____ Date: _____									