

# PART 1 FORM PROJECT PROPOSAL INFORMATION REQUIREMENTS

For more information about the Nunavut Impact Review Board (NIRB) please visit our web site <a href="http://nirb.nunavut.ca/">http://nirb.nunavut.ca/</a> or to access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board ftp site <a href="http://ftp.nunavut.ca/nirb">http://ftp.nunavut.ca/nirb</a>.

#### **IMPORTANT**

Please be advised that your application will not be processed until the following sections 1 - 6 are completed in full in English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot).

| SECTION 1: APPLICANT INFORMATION  |  |                   |   |  |  |  |
|---|--|-------------------|---|--|--|--|
| 1. a) Project Number  Please indicate if applicant has submitted any previous application(s) to NIRB Yes X No related to this project proposal?  If yes, please indicate the previous NIRB project number(s): NIRB File No. 05EN118 |  |                   |   |  |  |  |
| 1. b  | ) Project Name <u>KEEWATIN – EDEHON LAKE REG</u>   | ON                |   |  |  |  |
| 2.  | Applicant's full name and mailing address: TRI ORIGIN EXPLORATION 3 CENTRE STREET, SUITE 206 MARKHAM. ON, L3P 3P9                            | Fax: Phone: Email | (905) 294-9943<br>(905) 294-9942<br>explore@triorigin.com |  |  |  |
| 3.  | Primary contact's full name and mailing address:  Dr. Robert Valliant TRI ORIGIN EXPLORATION 3 CENTRE STREET, SUITE 206 MARKHAM. ON, L3P 3P9 | Fax: Phone: Email | (905) 294-9943<br>(905) 294-9942<br>explore@triorigin.com |  |  |  |



| 4. | Secondary contact's full name and mailing address:   |
|----|--|
|    |  |
|    |  |
|    |  |
|    |  |
|    |  |
| S  | ECTION 2: AUTHORIZATION NEEDED   |
| 1. | Indicate <u>all</u> authorizations associated with the project proposal:                   |
|    | Regional Inuit Association (RIA)   |
| X  | Nunavut Water Board (NWB)  |
| X  | Nunavut Planning Commission (NPC)  |
| X  | Department of Indian And Northern Development (DIAND)                                      |
|    | Department of Fisheries and Oceans (DFO)   |
|    | Community Government & Services (CG&S)   |
|    | Nunavut Research Institute (NRI)   |
|    | Hamlet   |
|    | Canadian Launch Safety (CLS)   |
|    | Environment Canada (EC)  |
|    | Government of Nunavut (GN)   |
|    | Department of National Defense (DND)   |
|    | Department of Culture, Language, Elders, and Youths (CLEY)                                 |
|    | Parks Canada (PC)  |
|    | Other (please specify):  |
| 2. | List the active permits, licences, or other rights related to the project and their expiry |
|    | date:  |
|    | LAND USE PERMIT BEING PROCESSED. REFER # N2005 C 0036                                      |



## **SECTION 3: PROJECT PROPOSAL DESCRIPTION**

| <u>1.</u> Indica | ate the type of project proposal:                     |                |                  |   |
|------------------|---|----------------|------------------|---|
| X Explo          | pration (geophysical ground, geophysical air, drillir | ng)            |                  |   |
| Adva             | nced Exploration/ Bulk Sampling                       |                |                  |   |
| Mine             | development   |                |                  |   |
| Site             | emediation/ reclamation                               |                |                  |   |
| Rese             | arch  |                |                  |   |
| Dew              | Line Clean up / Site Investigation                    |                |                  |   |
| Port             |   |                |                  |   |
| Othe             | r:  |                |                  |   |
| 2. Indica        | ate the activities related to the project             | oroposal:      |                  |   |
|                  | ng other than geoscientific                           |                | Quarrying        |   |
|                  | ore structure   |                | All season ro    | ad  |
|                  | rt/ landing strip                                     |                | Winter road      |   |
| Cam              | • .   |                | Access road      |   |
|                  | storage   |                | Road modific     | ation                                       |
|                  | waste disposal  |                | Cabins           |   |
|                  | rdous waste storage or disposal                       | X              | Sewage or g      | rey water disposal                          |
| Rese             | •               |                | Blasting         | ,   |
| Abar             | donment and Restoration                               |                | Harvesting       |   |
| Burn             | ng  |                | Burying          |   |
|                  | truction  |                | Channeling       |   |
| Cut a            | ınd/or Fill   |                | Removal of v     | regetation                                  |
| Dam              | Impoundment (construction/ abandonment/ ren           | noval/         | Ditch constru    |   |
|                  | cation)   |                |                  |   |
| Drair            | age Alteration  |                | Excavation       |   |
| Cher             | nical Storage   |                | Ecological su    | ırvey                                       |
| Explo            | osives Storage  |                | Geoscientific    | sampling by trenching                       |
| X Geos           | cientific sampling by diamond drilling                |                | Geoscientific    | sampling by borehole core                   |
| Geos             | cientific sampling by soil sampling                   |                | Hydrological     | testing                                     |
| Rive             | / stream/ lake crossing or work/ bridge               | Х              | Site restoration | on (fertilization/ grubbing/ scarification/ |
| Ш                |   |                | spraying/ recont |   |
|                  | esting  |                | Soil disposal    |   |
| Tunn             | eling   |                | Other (please    | specify):                                   |
| 2 Daves          | nnal  |                |                  |   |
| 3. Perso         |   | Total No. of r | orcon dovo       | 4 parsage for 20 days                       |
|                  | of personnel 4  | Total No. of p |                  | 4 persons for 20 days                       |
| on site =        |   | = (A) x No. da | ays on Sile      | 80 days                                     |



| <b>4. Timing</b> Period of operation:   | July 06, 2006                    | to                          | July 28, 2006    |                              |
|---|----------------------------------|-----------------------------|------------------|------------------------------|
| Proposed term of permit:  | June 30, 2006                    | to                          | October 30, 2    |                              |
| Please outline the phases of<br>and scheduling of each phas<br>Geological mapping, prosp<br>depth for a period of three | se.<br>Decting and drilling of a |                             |                  |                              |
|   |                                  |                             |                  |                              |
| 5. Region (check all that apply) Baffin X K   |                                  | meot                        | Transbounda      | ry:                          |
| 6. Land Status (check all that X Crown Commission   |                                  | Surface lands               | Inuit Own        | ed Sub-Surface Lands         |
| 7. Co-ordinates:  | 0                                |                             |                  | .=0                          |
| Min Lat (degree/minute)  Max Lat (degree/minute)  | 60°25'57.9"N<br>60°34'536.2"N    | Min Long (de<br>Max Long (d | •                | 97°12'12.9"W<br>60°25'57.9"N |
| NTS Map Sheet No: 65A Please ensure that maps of available from Natural Resor   |                                  | 1:50,000 <b>if availa</b>   | able, 1:250, 000 | Mandatory)                   |
| If the project proposal includ<br>Pre-existing and approved   |                                  |                             |                  |                              |
| Min Lat (degree/minute) Max Lat (degree/minute)   | 61°40′0″N                        | Min Long (de<br>Max Long (d | -                | 97°24'40"N                   |
| If different from above for the NTS Map Sheet No: 65G Please ensure that maps of available from Natural Resource.       | + H the camp are attached (1:    |                             |                  | Mandatory)                   |

## 8. Non-Technical Project Proposal Summary

Please include a non-technical description of the project proposal, no more than 500 words, in English and Inuktitut (+Inuinnaqtun, if in the Kitikmeot). The project description should outline the following:

- The project activities, their necessity and duration;
- Method of transportation;
- Any structures that will be erected (permanent/ temporary);
- Alternatives considered; and
- Long-term developments, the projected outcome of the development for the area and its timeline.

#### **SEE ATTACHED PROJECT SUMMARY**



## **SECTION 4: MATERIAL USE**

1. List equipment (including drills, pumps, aircrafts, etc.):

| Equipment type and number | Size – dimensions          | Proposed use                  |
|---------------------------|----------------------------|-------------------------------|
| 1 x Winkie Drill          | 185 lbs (carried by 2 men) | Drill 6 to 10 30m drill holes |
| 1 x Supply Pump           | 150 lbs                    | Supply water for drill        |
| 1 x Drill Pressure Pump   | 100 lbs                    | Supply water for drill        |
|                           |                            |                               |
| HELICOPTER                |                            |                               |
|                           |                            |                               |

#### 2. Detail fuel and hazardous material use:

| Fuels                               | Number of Containers | Capacity of containers (gal & litre) |
|-------------------------------------|----------------------|--------------------------------------|
| Diesel                              | 8                    | 45 GAL DRUM                          |
| Gasoline                            | 4                    | 205 LITRE DRUM                       |
| Aviation fuel                       | 8                    | 205 LITRE DRUM                       |
| Propane                             | 1                    | 100 LB TANK                          |
| Other                               |                      |                                      |
| Hazardous material (please specify) |                      |                                      |
| •                                   |                      |                                      |

ALL FUEL WILL BE SUPPLIED BY THE DRILLING CONTRACTOR AND FLOWN TO AND FROM THE PROJECT AREA BY HELICOPTER WHEN REQUIRED•

## **SECTION 5: WASTE DISPOSAL AND TREATMENT FACILITIES**

1. List the types of waste:

| 1. List the types of waste.                         |                            |                           |                        |  |  |  |
|---|----------------------------|---------------------------|------------------------|--|--|--|
| Type of waste                                       | Projected amount           | Method of Disposal        | Additional treatment   |  |  |  |
|   | generated                  |                           | procedures             |  |  |  |
| Sewage  | N/A                        | N/A                       | N/A                    |  |  |  |
| Greywater   | From drillholes            | Sumps                     | Waste Disposal plan    |  |  |  |
| Garbage   | Minimum from team of       | Flown from site to public | N/A                    |  |  |  |
|   | maximum 4 men on site      | disposal site in Arviat   |                        |  |  |  |
| Overburden (organic soil, waste material, tailings) | Not applicable             | Not applicable            | Not applicable         |  |  |  |
| Hazardous waste                                     | As per drill holes drilled | Flown to and from site    | Fire Hazard and Fuel   |  |  |  |
|   |                            | by helicopter             | Spill Contingency Plan |  |  |  |
| Other:  |                            |                           |                        |  |  |  |



## **SECTION 6: COMMUNITY INVOLVEMENT & REGIONAL BENEFITS**

1. List the community representatives that have been contacted and provide the minutes of the meetings if available:

| Community | Name | Organization | Date Contacted | Telephone No. | Fax No. |
|-----------|------|--------------|----------------|---------------|---------|
|           |      |              |                |               |         |
|           |      |              |                |               |         |
|           |      |              |                |               |         |
|           |      |              |                |               |         |
|           |      |              |                |               |         |
|           |      |              |                |               |         |

| Applicant: | _   |           |                      |        |
|------------|-----|-----------|----------------------|--------|
| //         | lán |           |                      |        |
|            |     | PRESIDENT | MAY 25 <sup>TH</sup> | , 2006 |
| Signature  |     | Title     | Date                 |        |