MINISTRY OF ENERGY AND ENERGY AFFAIRS
MINERALS DIVISION

REHABILITATION PLAN TEMPLATE

Please write legibly in black or blue ink. Your responses are not limited to the spaces available. Supplemental pages are to be inserted where required. Please be advised that incomplete / inadequate submissions shall not be accepted and the Applicant will be required to resubmit a properly completed template.

1. GENERAL INFORMATION

<table>
<tr><td colspan="3">Information on Applicant
NAME: TELEPHONE:

ADDRESS: EMAIL ADDRESS:

FACSIMILE:</td></tr>
<tr><td colspan="3">Contact (Person duly authorized by Applicant, leave blank if same as above)
NAME: EMAIL ADDRESS:

PHONE: FACSIMILE:</td></tr>
<tr><td>SITE LOCATION:</td><td>Acreage of Land:
(Acres / Hectares)</td><td>Land Ownership: □Private

□State</td></tr>
<tr><td>Certificate of Environmental Clearance Reference Number:</td><td>Water Abstraction Licence Number:</td><td rowspan="2">LAND USE: □ Exploration
□ Mining
□ Processing</td></tr>
<tr><td>Town and Country Planning Approval Number:</td><td>Survey Plan Number:</td></tr>
</table>

Version 2

2. Restoration Description

State any after-use for the site as designated by Town and Country Planning Division:

State the type of after use to be implemented:

Select the type of restoration to be used

- ☐ Progressive Restoration
- ☐ Restoration after the entire site has been exhausted
- ☐ Other (please specify) _____

Acreage to be unaffected (Ac/Ha): _____ Acreage to be re-vegetated (Ac/Ha): _____ Acreage for permanent structures (Ac/Ha): _____ Acreage to be used for water features (Ac/Ha): _____ Acreage to be used for 'other purposes' (Ac/Ha): _____ Total (Ac/Ha): _____	Please describe the 'other purposes':

State the measures that will be implemented to prevent rock fall:

Methods to be used for the restoration of targeted areas:

Timeframe for completion of the rehabilitation:

3. OVERBURDEN AND TOPSOIL

Would the topsoil and the overburden be stored separately and then brought to the site?

Identify the storage location of the overburden

Identify the storage location of the topsoil (if different from above)

How long was the topsoil stored?

How long was the overburden stored?

Describe the measures to be implemented to stabilize the topsoil stockpile(s)

Describe the measures to be implemented to stabilize the overburden stockpile(s)

Describe the measures to be implemented to control the growth of noxious weeds on the topsoil and overburden stockpiles

State the:

- Type of overburden to be utilized (sand, clay, etc.):
- Average depth of topsoil required (from the surface to maximum rooting of plants) (m/ft):
- Average thickness of the overburden required (ft / m):
- Average thickness of soil profile / topsoil required (ft / m):
- Volume of overburden to be replaced (cubic yards / cubic metres):
- Volume of topsoil to be replaced (cubic yards / cubic metres):
- Volume of overburden to sourced externally (cubic yards / cubic metres):
- Volume of topsoil to be sourced externally (cubic yards / cubic metres):

Slope Stability	
For any **berms** to be constructed give the- Maximum height (ft / m): Maximum width (ft / m): Minimum width (ft / m): Maximum gradient / slope:	For any **benches** to be constructed give the- Maximum height (ft / m): Maximum width (ft / m): Minimum width (ft / m): Maximum gradient / slope:

4. DRAINAGE and Water Features

Describe the overall drainage characteristics of the site including any known field drainage system, main outfall, ditches, rivers, streams and other surface waters.

For any permanent water features, complete the table below:

Quantity / number	*Type*	*Dimensions*

5. RE-VEGETATION and other rehabilitation methods

List the vegetation and the area it covered before quarrying commenced.		
SPECIES	**AREA COVERED**	**PURPOSE OF PLANT**
List the species of plants that would be used in the re-vegetation of the land		
SPECIES NAME	**AREA TO BE COVERED**	**PURPOSE OF PLANT**

Describe the method of replanting of the vegetation

Describe the measures that will be implemented to control competing vegetation

6. INFRASTRUCTURE

State the number of:

- Current Buildings and Structures : _____
- New Buildings and Structures to be erected : _____
- Buildings and Structures to be removed : _____

Building(s) / Structure(s)	**Purpose of building(s) / structure(s)**

What is the intended use of the building(s) / structure(s) after the rehabilitation is complete?

7. SOLID WASTE MANAGEMENT and Pollution Control

Type of waste	Source of Waste	Method of Waste Treatment/ Disposal

Describe how the soil that has been contaminated by human activity (i.e. fuel spills on soil, human traffic, etc.) would be returned to good condition after quarrying has been completed:

8. Details of Equipment to be Utilized (excavators, trucks, etc.)

Quantity	Type of Equipment	Make and Model	Capacity	Power consumption	**Power Source:** (Generator, T&TEC, Diesel, etc.)

(Attach a brochure, where available)

9. Diagrams and Plans for the FINAL rehabilitated area

Please produce detailed scaled drawings of the following, where applicable:

1.1. Layout Plan (include the following):

- Site boundaries
- Groundwater recharge area(s)
- Location of water-abstraction wells
- Buildings and structures
- Hard ground surface area(s)
- Natural and man-made watercourses / drains
- Berms
- Benches
- Pits
- Roadways in the vicinity and on the site
- Storm-water drains
- Areas restored to agriculture, forestry or any other use.
- Any other feature(s) on the site

1.2. Topographic Map

_____	_____	_____
Date	Authorised Signature	Name (block letters)