

WATER LICENCE APPLICATION FORM

Application for: (check one)

☒ New

☐ Amendment

☐ Renewal

☐ Assignment

LICENCE NO:

(for NWB use only)

NWB2NOR

1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE

Northern Empire Minerals Ltd., #860, 625 Howe Street,
Vancouver, B.C. V6C 2T6

Mike Sieb, Exploration Manager

[APEX Geoscience Ltd. is representing Northern Empire Minerals Ltd. as consultants to conduct exploration on their property.

APEX Geoscience Ltd. #200, 9797-45 Avenue

Edmonton, AB T6E 5V8 (780) 439 5380

Dean Besserer, Project Supervisor

Phone: (604) 331 2267

Fax: (604) 331 2266

Email: info@northernempireminerals.com

2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)

Phone: _____

Fax: _____

Email: _____

3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the undertaking)

Melville Peninsula, Nunavut (please see attached maps)

Latitude: 68°10'55.9" Longitude: 83°45'16.0" NTS Map No.: 37C; 46J, N, O; 47A-E Scale 1:250,000

4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)

Domestic water supply for a 17- person camp via submersible pump in nearby lake to provide approximately 2m³ per day during peak period of June 1 to Sept 30, 2003. In addition, water for diamond drilling in area of the exploration program outlined on the attached maps. Drill collar locations have not been determined as of yet, but will be forwarded with maps and list of coordinates once they have been determined.

5. TYPE OF UNDERTAKING (A supplementary questionnaire must be submitted with the application for undertakings listed in "bold")

☐ Industrial

☐ Mine Development

☐ Advanced Exploration

☒ **Exploratory Drilling**

☐ **Remote/Tourism Camps**

☐ **Municipal**

☐ Power

☒ Other (describe): Exploration Camp

6. WATER USE

☒ To obtain water

☐ To modify the bed or bank of a watercourse

☐ To alter the flow of, or store, water

☐ To cross a watercourse

☐ To divert a watercourse

☐ Flood control

☐ Other (describe): _____

7. **QUANTITY OF WATER INVOLVED** (litres per second, litres per day or cubic metres per year, including both quantity to be used and quality to be returned to source)

*2m3 per day in camp (during peak period of June 1 – Sept 30);
7-8 gallons per minute for one drill (while drilling only)*

8. **WASTE** (for each type of waste describe: composition, quantity, methods of treatment and disposal, etc.)
See attached environmental procedures plan

- | | |
|--|--|
| <input checked="" type="checkbox"/> Sewage | <input type="checkbox"/> Waste oil |
| <input checked="" type="checkbox"/> Solid Waste | <input checked="" type="checkbox"/> Greywater |
| <input type="checkbox"/> Hazardous | <input type="checkbox"/> Sludges |
| <input type="checkbox"/> Bulky Items/Scrap Metal | <input checked="" type="checkbox"/> Other (describe) <u>drilling water</u> |

9. **PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING** (give name, mailing address and location; attach if necessary)

Land Use Permit

- | | | |
|----------------------------|---|---|
| DIAND | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If no, date expected <u>May 1, 2003</u> |
| Regional Inuit Association | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If no, date expected <u>May 1, 2003</u> |
| Commissioner | <input type="checkbox"/> Yes <input type="checkbox"/> No | If no, date expected _____ |

10. **PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** (direct, indirect, cumulative impacts, etc.)

- | | | |
|----------------|---|---|
| NIRB Screening | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If no, date expected <u>May 1, 2003</u> |
|----------------|---|---|

11. **CONTRACTORS AND SUB-CONTRACTORS** (name, address and functions)

- Great Slave Helicopters, Bag 7500, Yellowknife, NT, X1A 2R3
- Drilling contractor yet to be determined

12. **STUDIES UNDERTAKEN TO DATE** (list and attach copies of studies, reports, research, etc.)

See attached bibliography

13. **THE FOLLOWING DOCUMENTS MUST BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN**

- | | | |
|---|---|----------------------------|
| Supplementary Questionnaire (where applicable: see section 5) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If no, date expected _____ |
| Inuktitut/English Summary of Project | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If no, date expected _____ |
| <i>The Inuktitut summary is expected on the 24th April, 2003</i> | | |
| Application fee \$30.00 (c/o Receiver General for Canada) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If no, date expected _____ |

14. **PROPOSED TIME SCHEDULE**

☐ Annual (or) ☒ Multi Year

Start Date: 1 June, 2003 Completion Date: September, 2008

Name (Print)

Title (Print)

Signature

Date

For Nunavut Water Board use only

APPLICATION FEE

Amount: \$ _____ Receipt No.: _____

WATER USE DEPOSIT Amount: \$ _____ Receipt No.: _____