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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

Effective June 16, 2006

WATER LICENCE APPLICATION FORM

Nunavut Water
Board
FEB 25 2008
Public Registry

Application for: (check one)

☐ New ☐ Renewal ☒ Amendment ☐ Assignment ☐ Cancellation

LICENCE NO:
(for NWB use only)

1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE

Zinifex Canada Inc.
401-1113 Jade Court
Thunder Bay, Ontario, P7B 6M7

Phone: 807-346-1668
Fax: 807-345-0284
e-mail: aaron.macdonell@zinifex.com

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

Zinifex Canada Inc.
401-1113 Jade Court
Thuner Bay, Ontario, P8B 6M7

Phone: 807-346-1668
Fax: 807-345-0284
e-mail: aaron.macdonell@zinifex.com

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

Latitude: (67°22'42" N) Longitude: (110°50'30" W)
NTS Map Sheet No. 76M/7 Scale: 1:50,000

4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)

This is a request for amendment of Part H Section 4 of Water license 2BE-HIG0712 to allow for 2 buildings located at the High Lake Camp to remain within 30 meters of the high water mark of High Lake. The two buildings house the generator fro the camp as well as tools and equipment for the drillers. See attachment showing the buildings in question. The farthest building away from the high mark being 19.3 meters and the closest being 11.9 meters. There will be no Hazardous Materials stored in any of the buildings other than the fuel source for the generator and the fuel source for heating the drillers shack. The fuel sources will be stored within a containment structure capable of storing 110% of the largest single storage capacity. An additional spill kit will be stored within each of the two buildings as well a larger spill containment kit down gradient of the two shacks and a boat capable of deploying water top spill booms. Weekly inspections of the aforementioned buildings will occur and findings documented.

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

- ☐ **Industrial**
- ☒ **Mining and Milling**(includes exploration/drilling)
- ☐ **Municipal** (includes camps/lodges)
- ☐ **Power**

- ☐ **Agricultural**
- ☐ **Conservation**
- ☐ **Recreational**
- ☐ **Miscellaneous** (describe below):

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings

NIRB Screening

☐ Yes ☒ No If no, date expected _____**11. INUIT WATER RIGHTS**

Will the project or activity substantially affect the quality, quantity, or flow of water flowing through Inuit Owned Lands and the rights of Inuit under Article 20 of the Nunavut Land Claims Agreement?

No.

If yes, has the applicant entered into an agreement with the Designated Inuit organization to pay compensation for any loss or damage that may be caused by the alteration. If no compensation agreement has been made, how will compensation be determined?

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

Major Drilling
337 Old Airport Rd.
PO Box 1377
Yellowknife, NT
X1A 2P1

- contracted to provide all diamond drilling
Phone 867 873 3358

Gartner Lee Limited
840 7th Ave. SW suite 1605
Calgary, Alta.
T2P 3G2

- contracted to perform environmental base line studies
Phone 403 262 4299

Great Slave Helicopters
Bag 7500
Yellowknife, NT
X1A 2R3

- contracted to provide helicopter transportation on site
Phone 867 873 2081

1984 Enterprises
201 - 750 Denman St.
Vancouver, BC
V6G 2L5

- contracted to provide cooking staff and first aid
Phone 604 736 8142

Discovery Mining Services
101 - 487 Range Lake Rd.
PO Box 2248
Yellowknife, NT
X1A 3R9

- contracted to provide expediting services
Phone 867 920 4600

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

The reader is referred to the Project Proposal submitted to the Nunavut Impact Review Board and all involved parties, including the Nunavut Water Board for the High Lake mine development project for a comprehensive listing of the environmental baseline studies, impact assessments and monitoring and mitigation plans for the site. A CD copy of this document is attached to this application.

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

Supplementary Questionnaire (where applicable: see section 5) ☐ Yes ☒ No If no, date expected _____

Inuktitut and/or Inuinnaqtun/English Summary of Project ☐ Yes ☒ No If no, date expected _____

Application fee of \$30.00 (Payee Receiver General for Canada) ☒ Yes ☐ No If no, date expected _____

Water Use fee of \$30.00 (unless otherwise indicated in Section 9 of the *NWT Waters Regulations*; Payee Receiver General for Canada)

☐ Yes ☒ No If no, date expected _____


15. PROPOSED TIME SCHEDULE (unless otherwise indicated, the NWB will consider the application for a five (5) year term)

☐ one year or less (or) ☒ Multi Year

Start Date: April 1, 2007 Completion Date: April 1, 2012

Aaron MacDonell

Health Safety and
Environment
Coordinator



Feb. 19 2008

Name (Print)

Title (Print)

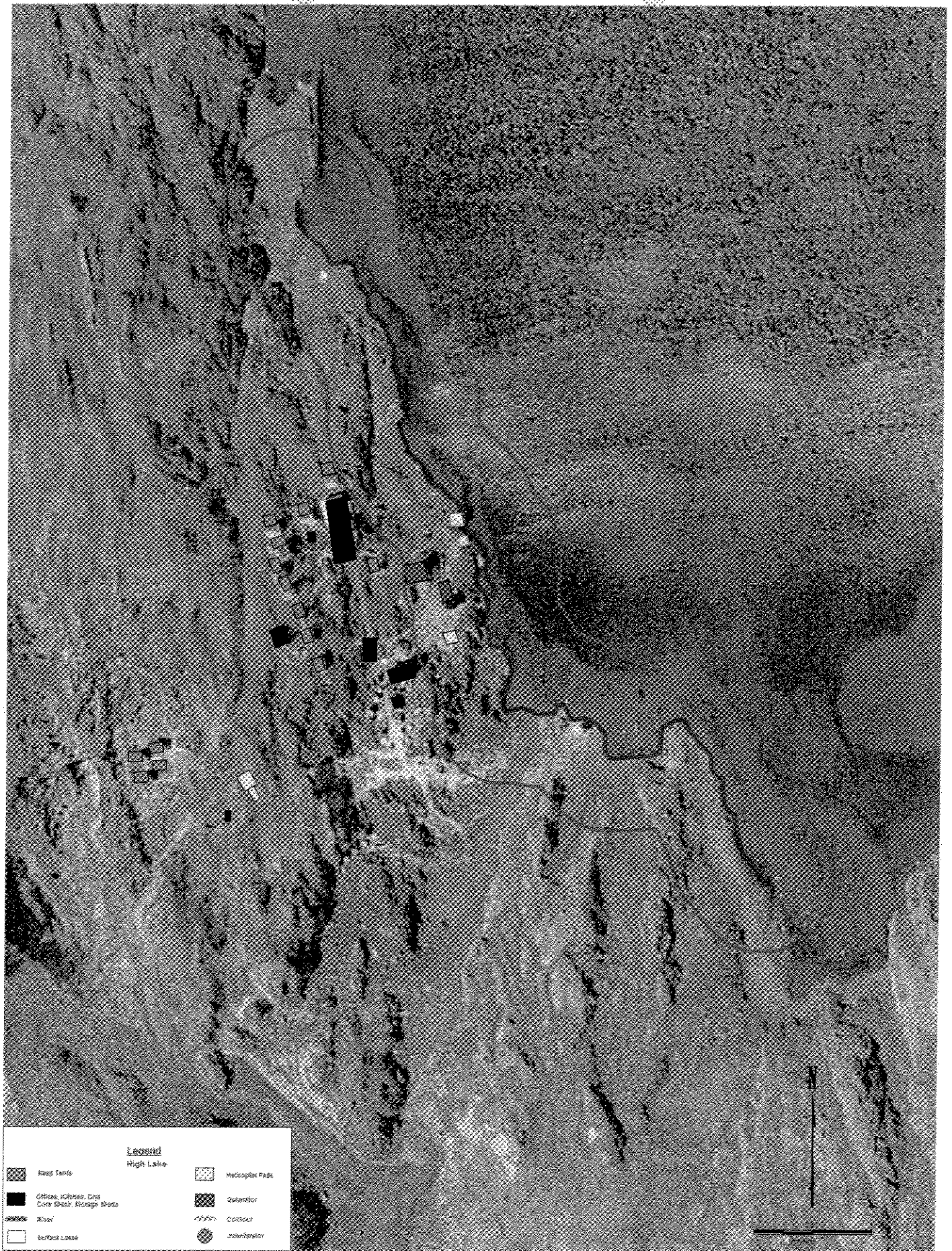
Signature

Date









For Nunavut Water Board office use only

APPLICATION FEE Amount: \$ _____ Pay ID No.: _____

WATER USE DEPOSIT Amount: \$ _____ Pay ID No.: _____



Legend
High Lake

- | | |
|---|--|
|  Knap Stone |  Helicopter Pad |
|  Office, Kitchen, Dye
Core Spec. Storage Bldg |  Generator |
|  River |  Contour |
|  Surface Layer |  Contaminator |