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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

WATER LICENCE APPLICATION FORM

Application for: (check one)

☐ New ☒ **Amendment** ☐ **Renewal** ☐ **Assignment**

LICENCE NO: NWB2KIK0002

(for NWB use only)

1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE

Shirley Standafer Pfister
DE BEERS CANADA EXPLORATION INC.
Box 2520
Yellowknife, NT X1A 2P8

Phone: (867) 873-4530
Fax: (867) 873-4532
e-mail: sspfister@debeerscanada.com

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

DE BEERS CANADA EXPLORATION INC.
One William Morgan Drive
Toronto, ON M4H 1N6

Phone: (416) 423-5811
Fax: (416) 423-0081
e-mail: general@debeerscanada.com

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

At the northwest margins of the Slave Geological Province, DBCE holds remnants of a claim block known as the "Kikerk Lake Property". These 4 claims lie south of Kikerk Lake, approximately 53km due north of Napaktulik (Takijuk) Lake. Activity in 2001 seeks to include the *Tree 1* claim which adjoins *KL 12* at the west. Activity will be confined within the approximate parameters 67° 00' 50" -- 67° 01' 00" and 113° 08' - 113° 10'.

Latitude: 67° 00' 50" -- 67° 01' Longitude: 113° 08' -- 113° 10' NTS Map No. 86P/03
Scale Regional Location map scale is 1.5cm = 50km; summary map scale is 1.5cm = 500m.

4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)

Continuation of the existing exploration programme (sediment sampling, geophysical surveying and drill testing) first approved under NWB Licence #NWB2KIK and re-authorised under #NWB2KIK0002. A drill programme is planned to occur during April-May, 2001, on Crown land (*see attached map*). Borehole drilling will be conducted by Boart Longyear, which contractor is now drilling for DBCE in the NWT and is scheduled to conduct a 2-week programme on DBCE's Rockinghorse (Koamaogaktok) property before commencing drilling on the Kikerk project. DBCE plans to drill approximately 5 holes (HQ casing) at the northeast end of Knife Lake, a 1.1m-long shallow lake which straddles the boundary between the *KL 12* and *Tree 1* claims. DBCE is holder of the *KL* claims and Designated Operator on the adjoining *Tree 1* claim, on which it will earn 51% at the end of the proposed spring, 2001 drill programme. No camp is associated with the Kikerk (Kikkiktalik)/Knife Lake Project; room and board for the crew will be in Kugluktuk.

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

☐ Industrial ☐ **Remote/Tourism Camps**

☐ Mine Development ☐ Municipal
☐ Advanced Exploration ☐ Power
☒ Exploratory Drilling ☐ Other (describe): _____

6. WATER USE

☒ To obtain water * ☐ To divert a watercourse
☐ To modify the bed or bank of a watercourse ☐ Flood control
☐ To alter the flow of, or store, water ☐ Other (describe): _____
☐ To cross a watercourse

* Pump minimal amount of water for small core drill.

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)

- Up to 1.5m³/day for the drill over approx. 30 days ; about 80% of water is recirculated.

No used water returned to source.

8. WASTE (for each type of waste describe: composition, quantity, methods of treatment and disposal, etc.)

Portable toilet for day use. No camp established. -- **Sewage**

Any garbage minimal; contained and flown out each day. -- **Solid Waste**

N/A. -- **Greywater**

Oils, lubricants, fluids, fuels properly secured at drillsite, then removed. Spill-kit drum at each drillsite during drilling. --

Hazardous and Waste Oil

N/A. -- **Sludges.** Minimal scrap metal and wood; flown out at end of drill programme. -- **Bulky Items/Scrap Metal**

N/A. **Other (describe)**

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

Land Use Permit

#N97C753 (expired). New INAC Class-A Land Use Permit applied for in February, 2001, by Rhonda Corp., current majority holder of the *Tree 1* claim. (DBCE will qualify for 51% ownership after completing spring, 2001 drilling).

DIAND (INAC) ☐ Yes ☐ No If no, date expected 09 April, 2001

(Claims not on IOL parcels, but Kitikmeot Inuit Assn. in Kugluktuk is kept informed of all proposed activity).

Regional Inuit Association ☐ Yes ☒ No If no, date expected _____

Commissioner ☐ Yes ☐ No If no, date expected _____

10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES (direct, indirect, cumulative impacts, etc.) Minimal impact – refer to attached Project Description.

NIRB Screening ☐ Yes ☐ No If no, date expected 09 April, 2001

(Currently under way in connection with Land-Use Permit application; see Question #9 above).

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

Boart Longyear Inc., Box 330 – 1111 Main St. W., North Bay, ON P1B 8H6 – Drilling Contractor
(705) 474-2800 (phone)
(705) 472-4998 (FAX)

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

Programme is second season of early-stage exploration. No field studies undertaken for Kikerk to date, although an Archaeological Overview Report has been submitted to INAC, NIRB and the NWB. Archaeological field study and other research may occur in summer, 2001, pending favourable results from the upcoming drill programme.

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

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

Inuktitut/English Summary of Project X Yes ___ No If no, date expected _____

Application fee \$30.00 (c/o of Receiver General for Canada) X Yes ___ No If no, date expected _____

14. PROPOSED TIME SCHEDULE

___ Annual (or) X Multi Year

Start Date: mid-April, 2001

Completion Date: 01 June, 2001

Shirley Standafer Pfister Lands and Government Relations
Name (Print) Title (Print)

Signature

19 March, 2001
Date

For Nunavut Water Board use only

APPLICATION FEE Amount: \$ _____ Receipt No.:

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