7 December 2018

Assol Kubeisinova
Technical Advisor
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU, X0B 1J0

RE: Eqe Bay Exploration Program (2BE-EQE) – Request for a Type 'B' Water Licence

1 – INTRODUCTION

Baffinland Iron Mines Corporation (Baffinland) is pleased to submit this request for a Type 'B' Water Licence for its proposed Eqe Bay Exploration Program. The location of the Eqe Bay Exploration Program is shown on Figures 1 and 2. The application and supporting materials are presented as Attachments 1 to 16.

2 – BACKGROUND

Baffinland has been conducting surface exploration and mapping at Eqe Bay since 2013. To support further exploration, it will be necessary to establish an exploration camp at the Eqe Bay Exploration Area. An initial camp will be mobilized near the end of the 2019 sealift season and constructed during the fall of 2019. Exploration drilling will begin in early 2020. An initial camp and drilling program is proposed, though plans have been developed for an expanded camp after the first or second year of drilling. The expanded camp and exploration program is expected to consist of the following:

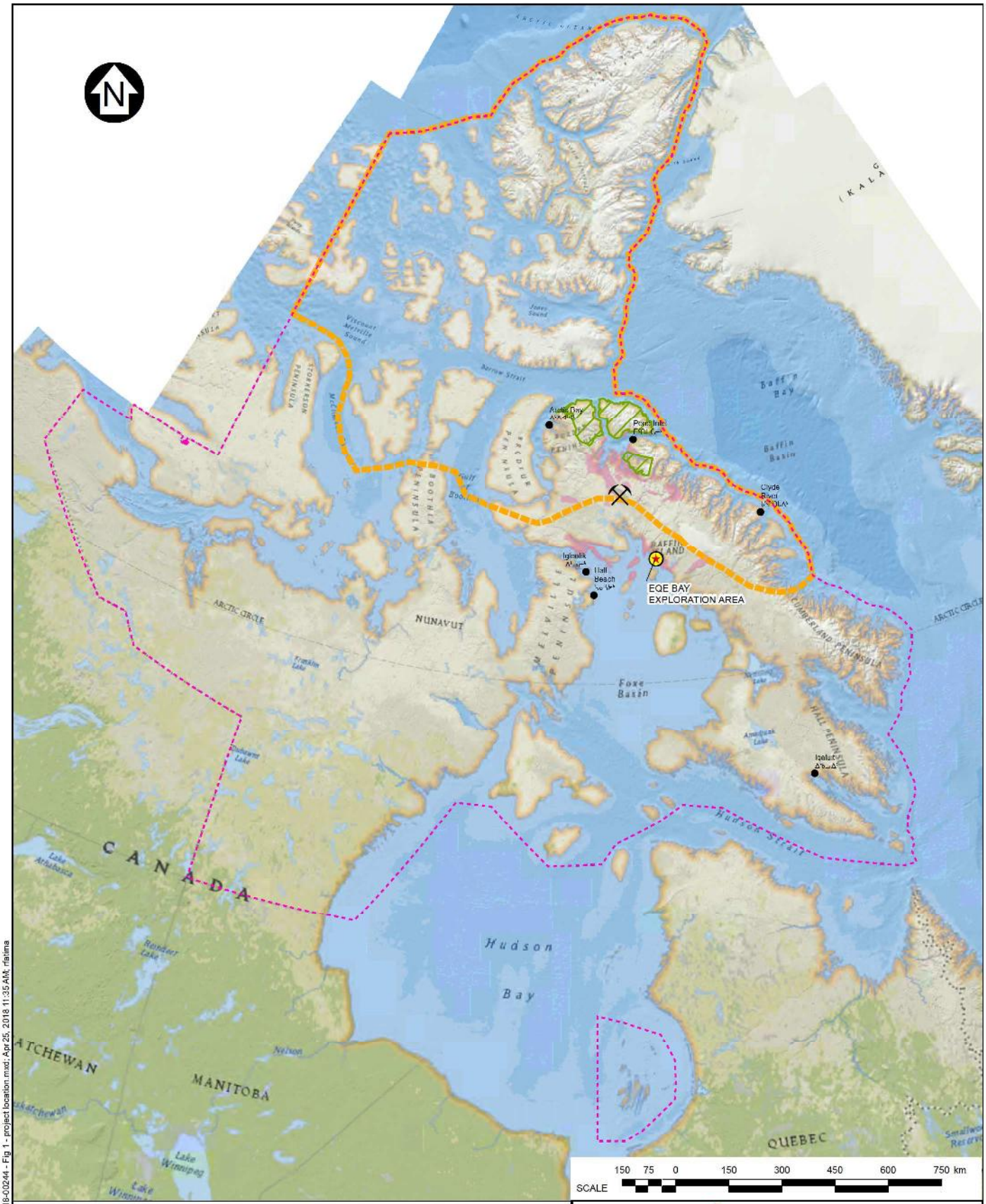
- 100-person camp equipped with a water treatment system, sewage treatment plant and incinerator
- Airstrip
- Barge ramp
- Quarries
- 4-5 km access road between the camp and exploration area
- Operation of up to 9 exploration drills

The maximum daily water use is expected to be 299 m^3/day.

The proposed layout of the Eqe Bay Exploration Area is presented in Figure 3. The Project Proposal is further described in the attached documents.

3 – NUNAVUT PLANNING COMMISSION CONFORMITY REVIEW

The Project has been processed by the Nunavut Planning Commission (NPC) under NPC File No. 148801. The NPC confirmed to Baffinland in an April 17, 2018 letter that the Eqe Bay Exploration Program is located within a planning region without an approved land use plan, and that the Project Proposal required screening by the Nunavut Impact Review Board (NIRB).



LEGEND

- COMMUNITY
- MARY RIVER PROJECT
- EQE BAY EXPLORATION AREA
- NUNAVUT SETTLEMENT AREA
- NORTH BAFFIN PLANNING REGION
- SIRMILIK NATIONAL PARK
- IOL SURFACE AND SUBSURFACE INCLUDING MINERALS
- IOL SURFACE ONLY EXCLUDING MINERALS

NOTES

1. BASE MAP: © ESRI DATA AND MAPS (ONLINE) (2016). REDLANDS, CA: ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE. ALL RIGHTS RESERVED.
1. © ESRI DATA AND MAPS (ONLINE) (2016). REDLANDS, CA: ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE. ALL RIGHTS RESERVED.
2. NORTH BAFFIN PLANNING BOUNDARY FROM NUNAVUT PLANNING COMMISSION (2017)
2. [illegible] (2017)

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EQE BAY EXPLORATION PROGRAM

PROJECT LOCATION MAP

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	REVIEWED
0	25APR'18	ISSUED WITH TRANSMITTAL	AV	RF	RAC

Knight Piésold CONSULTING

P/A NO	REF NO
NB102-181/46	NB18-00244

FIGURE 1 REV 0

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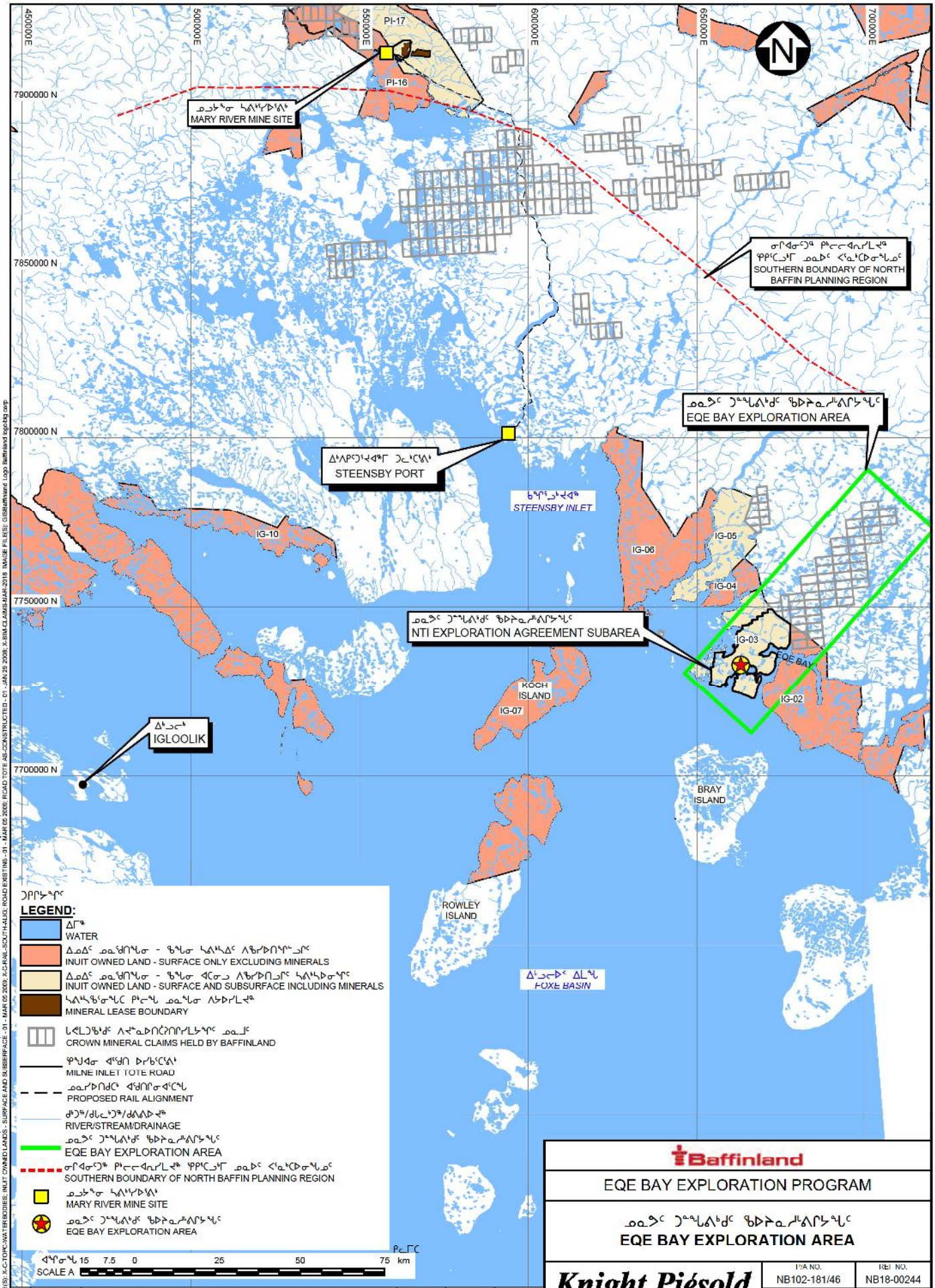

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EQE BAY EXPLORATION PROGRAM

EQE BAY EXPLORATION AREA

Knight Piésold CONSULTING

PA NO.	REF NO.
NB102-181/46	NB18-00244

FIGURE 2

REV 0

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	REVIEWED
0	25APR'18	ISSUED WITH TRANSMITTAL	AV	MMD	RAC

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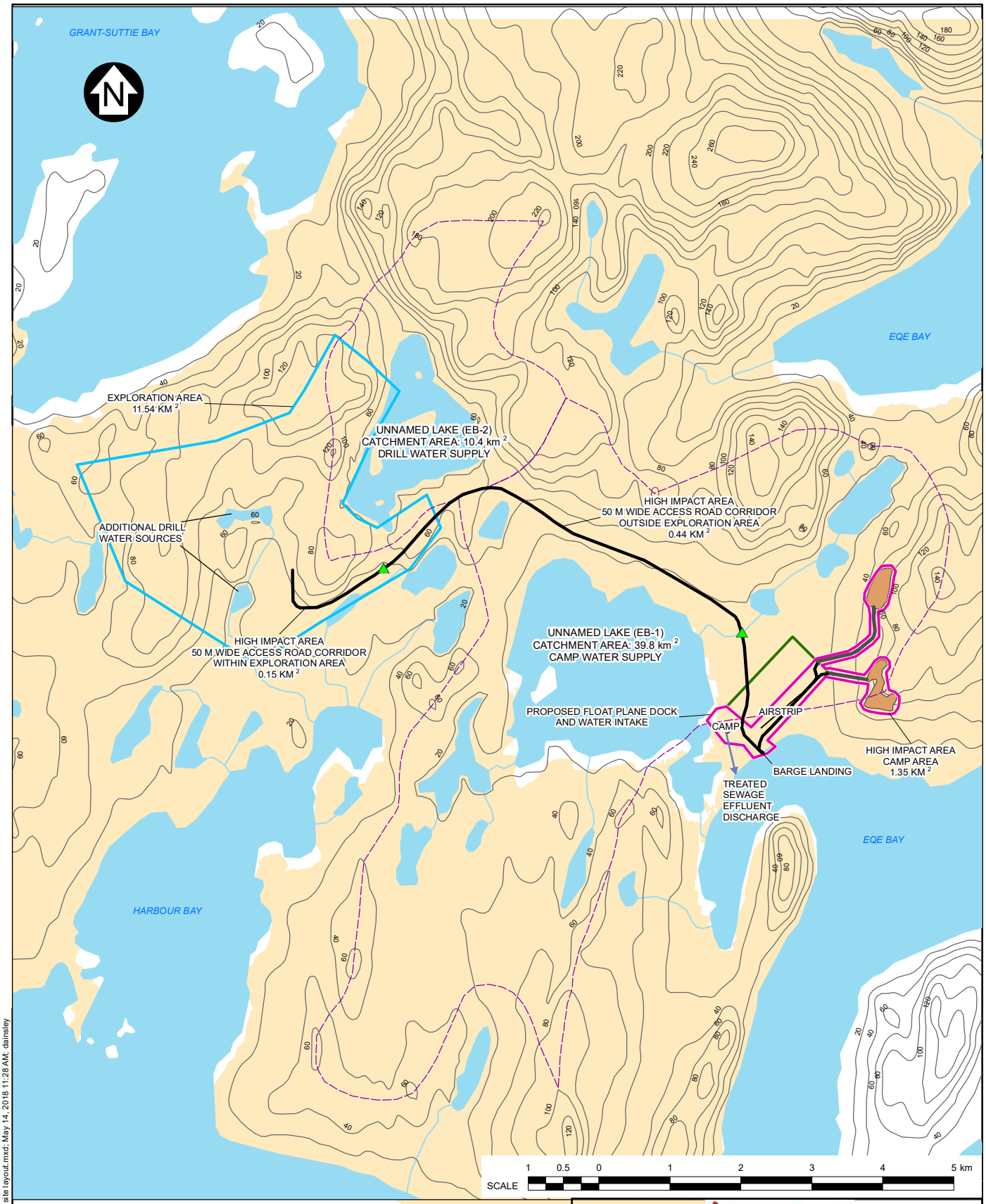
XREF FILE(S): X-C-TOPO-WATERBODIES; INUIT OWNED LANDS - SURFACE AND SUBSURFACE - 01 - MAR 05 2009; X-C-RAIL-SOUTH-LUG; ROAD EXISTING - 01 - MAR 05 2006; ROAD TOTE AS-CONSTRUCTED - 01 - JAN 25 2008; X-BIM-CLAIMS-MAR-2018 IMAGE FILE(S): GISBaffinland logo Baffinland logo.bkg.png



LEGEND

- PROPOSED CULVERT IN FISH BEARING WATERS
- CONTOURS
- PROPOSED ACCESS ROAD/TRAIL
- QUARRY ACCESS ROAD
- WATER
- POTENTIAL QUARRY AREA
- POTENTIAL DEVELOPMENT AREA
- EXPLORATION AREA
- HIGH IMPACT AREA - CAMP AREA
- CATCHMENT BOUNDARY
- NTI EXPLORATION AGREEMENT SUB-AREA

NOTES:

1. COORDINATE GRID IS IN METRES.
   COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N.
2. CONTOUR INTERVAL IS 20 METRES.
3. LOCATIONS AND SIZING OF PROJECT FACILITIES IS APPROXIMATE ONLY.

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	REVIEWED
0	11MAY'18	ISSUED WITH TRANSMITTAL	RAC	RF	RAC

Baffinland

EQE BAY EXPLORATION PROGRAM

PROPOSED EXPLORATION AREA LAYOUT

Knight Piésold CONSULTING

P/A NO.	REF NO.
NB102-181/46	NB18-00244

FIGURE 3 REV 0

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4 – NUNAVUT IMPACT REVIEW BOARD SCREENING

The Nunavut Impact Review Board (NIRB) issued a Screening Decision Report (NIRB File No. 18EN026) on August 17, 2018 and recommended to the Minister of Intergovernmental Affairs, Northern Affairs and Internal Trade that the Eqe Bay Exploration Program be able to proceed without a review. The NIRB letter to the Minister and the Screening Decision Report are included with the attached regulatory correspondence (Attachment 3).

5 – AUTHORIZED REPRESENTATIVE

This letter also authorizes our consultant, Knight Piésold Ltd., to be an authorized representative for Baffinland in the licensing process. The contact at Knight Piésold is Richard Cook, and his contact details are provided in Section 2 of the Water Licence Application Form (Attachment 2).

6 – CLOSURE

We trust that the Nunavut Water Board will find our application complete. Please do not hesitate to contact the undersigned should you have any questions or comments.

Regards,

Christopher Murray
Environmental & Regulatory Compliance Manager

Cc:
Karén Kharatyan, Richard Dwyer (Nunavut Water Board)
Fai Ndofor, Sean Joseph, Rosanne D'Orazio, Joel Fortier, Ross Elgin (Qikiqtani Inuit Association)
Jonathan Mesher, Ian Parsons, Spencer Dewar, Bridget Campbell
(Crown-Indigenous Relations and Northern Affairs Canada)
Solomon Amuno (Nunavut Impact Review Board)
Grant Goddard, Megan-Lord Hoyle, Thomas Iannelli, Jon Hey, Andrew Vermeer (Baffinland)
Richard Cook (Knight Piésold)

ATTACHMENTS:

1 Water Licence Application Executive Summary
2 Water Licence Application Form
3 Regulatory Correspondence
4 Consultation Record
5 Corporate Information
6 SIG Concordance Tables
7 Project Proposal
8 Vendor Information
9 Culvert Design Memo
10 Spill Contingency Plan
11 Closure and Reclamation Plan
12 Environmental Monitoring and Inspection Plan
13 Water Sampling QA/QC Plan
14 Waste Management Plan
15 Environmental Protection Plan
16 Figures