

from the requirement for further screening pursuant to Section 12.4.3 of the NLCA, and reissued the enclosed screening decision report on March 3, 2008.

On April 2, 2008 the NIRB received an additional application to amend the Land Use Permit (No. 2007C0033) associated with AEI's "Roche Bay Magnetite" project to include additional components and activities. On April 7, 2008 the NIRB received an application for access to Inuit Owned Lands from the QIA for the above mentioned project. As the activities were significantly beyond the scope of what had originally been assessed, the NIRB consolidated these new applications under NIRB file **08EA041** and screened the project proposal in accordance with Part 4, Article 12 of the NLCA. On May 16, 2008 the NIRB issued a 12.4.4(a) screening decision to the Minister of INAC, allowing the proposed project to proceed subject to additional recommended project-specific terms and conditions.

Additional extension requests for the Land Use Permit (No. N2007C0033) associated with this project have also been reviewed by the NIRB. In each instance the NIRB confirmed that the applications were exempt from the requirement for further screening pursuant to Section 12.4.3 of the NLCA and the activities therein remained subject to the terms and conditions recommended in the original May 16, 2008 Screening Decision Report.

Table 1: Additional applications associated with NIRB File No. 08EA041

Authorization	Application			NIRB Decision	
	Date Received by NIRB	Type	Reason for Application	Date Issued	Type
INAC Land Use Permit (N2007C0033)	April 2, 2008	Amendment to original NIRB File No. 07EN058	Undertake magnetite exploration program	May 16, 2008	New SDR
QIA Land Use Licence (Q08L3C03)	April 7, 2008				
INAC Land Use Permit (N2007C0033)	June 30, 2008	Amendment	Conduct geotechnical drilling	July 18, 2008	Reissued May 16, 2008 SDR
QIA Land Use Licence (Q08L3C03)	April 28, 2009	QIA permit to access IOL	Conduct exploration on IOL land	May 14, 2009	Reissued May 16, 2008 SDR
INAC Land Use Permit (N2007C0033)	June 23, 2009	Extension	Continue exploration activities for an additional year	June 24, 2009	Reissued May 16, 2008 SDR
INAC Land Use Permit (N2007C0033)	March 17, 2010	Extension and Amendment	Continue exploration activities for an additional year	April 9, 2010	Reissued May 16, 2008 SDR
INAC Land Use Permit (N2007C0033)	July 13, 2011	Extension	Continue exploration activities for an additional year	July 20, 2011	Reissued May 16, 2008 SDR
AANDC Land Use Permit	April 12, 2012	New Permit and	Continue exploration activities and	May 23, 2012	Reissued May 16,

(N2012C0013)		Amendment	upgrade infrastructure		2008 SDR with additional terms and conditions
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Notes: QIA = Qikiqtani Inuit Association; AANDC = Aboriginal Affairs and Northern Development Canada); NIRB= Nunavut Impact Review Board; IOL = Inuit Owned Land; SDR= Screening Decision Report

Please note that AEI's "Roche Bay" project (NIRB File 08EA041) and Roche Bay PLC and West Melville Metals' "Fraser Bay 1-3 Property" project (NIRB File No. 11EN035), have an agreement in place to use the same water sources for their respective camps and exploration activities which was approved as an amendment to the original water licence on March 28, 2011 (NWB Licence 2BE-RB1116).

The current QIA application, the original NIRB Screening Decision Report (File No. 08EA041) and related file information are available from the NIRB's online public registry at the following location:

<http://ftp.nirb.ca/01-SCREENINGS/COMPLETED%20SCREENINGS/2008/08EA041-Advanced%20Explorations%20Inc/>.

PREVIOUSLY-SCREENED PROJECT PROPOSAL:

As previously screened by the NIRB, the "Roche Bay Magnetite" project was located within the South Baffin Region, approximately 65 kilometres (km) northeast of Hall Beach. The Proponent indicated that it intended to conduct exploration, as well as baseline and feasibility studies in support of developing a mine at a later date.

The following activities and components associated with the July 30, 2007 project proposal and February 15, 2008 amendment that have been previously screened and were allowed to proceed subject to the terms and conditions recommended by the NIRB within its September 6, 2007 Screening Decision Report for NIRB File No. 07EN058 included:

- Fuel storage (to a maximum of 700,000 Litres);
- Calcium chloride storage (200 tonnes);
- Landing sites for two sealifts;
- Increase in the amount of fuel storage (additional 300,000 Litres);
- Increase in the amount of calcium chloride storage (additional 300 tonnes);
- New location for fuel and calcium chloride storage;
- Inclusion of a location for on-ice airplane landing (30 flights, mid-March to mid-April); and,
- Addition of the storage facility and ore storage (previously permitted per AANDC Land Use Permit No. N2006J0018).

The following activities and components associated with the April 2, 2008 that have also been previously screened and were allowed to proceed subject to the terms and conditions recommended by the NIRB within its May 16, 2008 Screening Decision Report for NIRB File No. 08EA041 included:

- Drilling of approximately 20 holes of up to 30 metres each in depth, on sea ice;
- Bathymetry surveys during the summer of 2008;
- Camp facilities for 60 people;
- Drilling of 25,000 – 30,000 metres of core and chip samples;
 - 5 Boart Longyear LF-70 Drills
 - Approximately 120 holes
- Use of 2 Polaris Ranger utility vehicles, 5 Honda All-Terrain Vehicles, 3 Argos, and 8 snowmobiles;
- Use of 2 Helicopters and 2 fixed wing aircraft;
- Transport of fuel from Hall Beach to camp site via skid and bulldozer;
- Storage of fuel to include: 550,000 Litres diesel; 50,000 Litres gasoline; 240,000 Litres aviation fuel; and 10,000 pounds of propane;
- Storage of 500 tonnes calcium chloride; and,
- Geotechnical on-land drilling within the project area of roughly 20 holes up to 30 metres in depth.

The activities and components associated with the previous June 30, 2008 amendment included geotechnical drilling on the peninsula of roughly 20 holes up to 30 m in depth, with the following objectives:

- Determine and evaluate foundation conditions underlying the proposed plant site facilities;
- Evaluate the general quality of the limestone bedrock for possible quarrying/crushing to provide materials for plant site and airstrip development;
- Obtain limestone samples for chemical analysis to evaluate suitability for use in the magnetite processing operations; and
- Save excess sample material for future testing for non-geotechnical purposes.

The activities and components associated with the previous March 17, 2010 amendment included relocating a portion of the current exploration camp to the Peninsula area. The Roche Bay camp was to be moved from IOL land to Crown Land.

These activities and components associated with the previous April 12, 2012 amendment included:

- Use of granular materials occurring at the surface of areas that were previously disturbed;
- Gravel airstrip maintenance;
- Create an additional temporary barge offloading and laydown area; and
- Grading of terrain/cobbles for select ATV trails to allow light trucks to travel along the existing trails throughout the project area.

CURRENT APPLICATION:

AEI is applying for a renewal with the Qikiqtani Inuit Association to continue components/activities previously approved under Land Use Licence Q10LC009. The proposed activities would take place from March 2013 to March 2015.

Please note that Section 12.4.3 of the NLCA states that:

“Any application for a component or activity of a project proposal that has been permitted to proceed in accordance with these provisions shall be exempt from the requirement for screening by NIRB unless:

(a) such component or activity was not part of the original project proposal; or

(b) its inclusion would significantly modify the project.”

After completing a review of the information provided in support of the current application, the NIRB is of the understanding that the proposed renewal does not change the general scope of the original project activities, and the exceptions noted in NLCA 12.4.3(a) and (b) do not apply. Therefore, this application is exempt from the requirement for screening pursuant to Section 12.4.3 of the NLCA and the activities therein remain subject to the terms and conditions recommended in the May 23, 2012 Screening Decision Report (enclosed).

If you have any questions or require additional clarification, please contact Tannis Bolt, Assistant Technical Advisor, at (867) 983-4603 or tbolt@nirb.ca.

Sincerely,



Ryan Barry
Executive Director
Nunavut Impact Review Board

cc: Meghan Andrews, Advanced Explorations Inc.
Jeff Mercer, Aboriginal Affairs and Northern Development Canada
Tracey McCaie, Aboriginal Affairs and Northern Development Canada
Phyllis Beaulieu, Nunavut Water Board

Enclosure: NIRB Screening Decision Report, File No.: 08EA041 dated May 23, 2012 and includes original terms and conditions issued on May 16, 2008