



Nunavut Planning Commission
Keewatin Regional Land Use Plan
Conformity Determination
KIGGAVIK Project



Kiggavik Sissons Advanced Exploration Project
Mr. Barry McCallum
Manager Nunavut Affairs
AREVA Resources Canadian Inc. -
P.O. Box 9204
817 - 45th Street West
Saskatoon Saskatchewan S7K 3X5 Canada
Phone: (306) 343-4596
Fax: (306) 343-4640
Mobile: (306) 262-4636
E-mail: barry.mccallum@areva.ca
Camp & helicopter. Prospecting, geological mapping, geochemical and geological
surveys, airborne geophysics & diamond drilling. Environmental baseline work incl
surface hydrology, aquatic and terrestrial components.

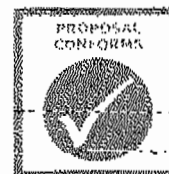
PROJECT CONFORMS TO ALL APPLICABLE TERMS OF THE ...
KEEWATIN REGIONAL LAND USE PLAN.

Please refer to the following eleven pages for details.

Signature of NPC Conformity Determination Officer

Dec. 15/06

Date



ES



Nunavut Planning Commission
Keewatin Regional Land Use Plan
Conformity Determination

KIGGAVIK Project



ARCHAEOLOGICAL SITES AND ARTIFACTS

Tent ring. Land users must report the discovery of suspected archaeological sites to the Department of Culture, Language, Elders and Youth (Government of Nunavut). Photo © Nunavut Planning Commission.

Conformity Requirement 2.15.8 Artifacts must be left where they are found. All land users are responsible for reporting the location of, or any removal or disturbance of, artifacts to CLEY.

Conformity Requirement 4.3 The NPC and the CMC shall continue to hold a central registry of archaeological sites and continue to monitor land use activities to protect these sites. Information about the location and identity of archaeological sites in specific areas, and the measures necessary to protect them, shall be included in land use permits. Land users shall report the discovery of all suspected archaeological sites to CLEY.

DETERMINATION

The proponent will abide by conformity requirements 2.15.8 and 4.3 (conforms).



PS



Nunavut Planning Commission
Keewatin Regional Land Use Plan
Conformity Determination
KIGGAVIK Project



CARIBOU PROTECTION

*Caribou at a water crossing.
Land users shall follow the caribou protection measures.*

Conformity Requirement 2.6 Development activities shall be prohibited on all public lands and waters within all caribou calving areas during calving season and within caribou water crossings in the Keewatin, in accordance with the terms of DIAND caribou protection measures contained in Appendix H. Development activities shall be prohibited on IOL within all caribou calving areas during calving season and within caribou water crossings in the Keewatin, in accordance with the KIA caribou protection measures (an example of which is contained in Appendix H.) These measures shall be enforced throughout the region by DIAND, KIA and DSD, to the full extent of their respective jurisdictions.

Conformity Requirement 2.15.7 During the caribou calving, post-calving and migrating seasons, land use activities should be restricted to avoid disturbing caribou, in general, and activities will be governed more specifically by caribou protection measures such as those contained in Appendix H.

DETERMINATION

The proponent will abide by the Caribou Protection Measures (conferred).

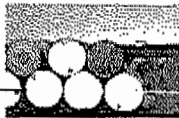


RS



Nunavut Planning Commission
Keewatin Regional Land Use Plan
Conformity Determination

KIGGAVIK Project



CLEANUP AND POLLUTION

*Fuel drums on the land. Project proponents must undertake to remove old fuel drums.
Photo by Luke Sulak*

Conformity Requirement 2.8

- b) Community residents in particular, and all land users in general, shall be actively involved in planning and conducting cleanup operations, whenever possible and practicable.
- c) Refuse, such as fuel drums and scrap metal, shall be recycled where possible.
- d) Sites containing toxic materials shall be given priority for cleanup, and the location of these sites shall be widely publicized to warn residents.
- e) Sites within or near caribou calving grounds, near water and near communities shall also be given priority for cleanup.

Conformity Requirement 2.9 New occurrences of pollution, garbage and contamination caused by anyone shall be prevented. Land users shall ensure that all drums are safely recovered.

Conformity Requirement 2.10 The principle of "the polluter pays" shall apply to a strategy for cleaning up the environment. Where it is possible to identify the person, company or agency responsible for creating an abandoned or inactive waste site, they shall be made responsible for the cleanup and restoration of the site.

Conformity Requirement 2.15.1 The landscape of each camp and other land use sites will be restored to its original condition to the greatest degree possible. When possible and feasible, old sites will be restored to the natural state. (Code of Good Conduct - Appendix G)

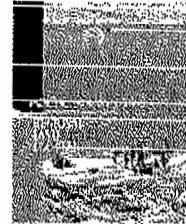
DETERMINATION

The proponent will abide by all conformity requirements (conforms).





Nunavut Planning Commission
Keewatin Regional Land Use Plan
Conformity Determination
KIGGAVIK Project



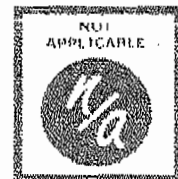
HYDROCARBON EXPLORATION

Hydrocarbon exploration validity vs. cost.
Hydrocarbon exploration is restricted around Southampton and Coats Islands.
Graphic © PetroConsult Pty Ltd. ent. ring.

Conformity Requirement 3.8 Hydrocarbon exploration shall continue to be restricted in the area encompassing southern Southampton Island and Coats Island, as at present.

DETERMINATION

The project proposal is not for hydrocarbon exploration in the area encompassing southern Southampton Island and Coats Island (Conformity Requirement 3.8 is not applicable).





Nunavut Planning Commission
Keewatin Regional Land Use Plan
Conformity Determination
KIGGAVIK Project



HYDROELECTRIC DEVELOPMENT

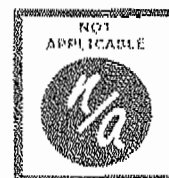
Hydro project in Québec.
Hydro projects in a number of provinces, as well as Nunavut, can have a cumulative effect on James Bay, Hudson Bay and Hudson Strait.

Photo as Michèle Ernsting, Radio Netherlands.

Conformity Requirement **Conformity Requirement 2.13** The possible cumulative impacts of additional hydroelectric power development in Manitoba, Ontario and Quebec on the ecosystem of Hudson Bay, James Bay and Hudson Strait must be examined before more hydroelectric development proceeds.

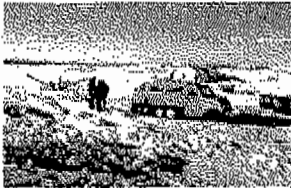
DETERMINATION

The project proposal is not for hydroelectric development (conformity requirement 2.13 is not applicable).





Nunavut Planning Commission
Keewatin Regional Land Use Plan
Conformity Determination
KIGGAVIK Project



LOCAL PURCHASE OF SUPPLIES AND SERVICES

*Taxi at the West Meladine exploration camp.
Land users shall follow the practice of local purchase of supplies and services.*

Photo © WMC Limited.

Conformity Requirement 2.15.5 Whenever practicable, and consistent with sound procurement management, land users will follow the practice of local purchase of supplies and services. (Code of Good Conduct, Appendix G.)

DETERMINATION

The proponent will abide by conformity requirement 2.15.5 (conforms).





Nunavut Planning Commission
 Keewatin Regional Land Use Plan
 Conformity Determination
 KIGGAVIK Project



LOW-LEVEL FLIGHTS

Beaver floatplane arriving at a camp.
 Pilots shall avoid disturbance to people and wildlife wherever possible.
 Photo © Luke Coady.

Conformity Requirement 2.15.3 Generally, low-level flights by aircraft at less than 300 metres should not occur where they will disturb wildlife or people. If such flights are necessary, they should only take place after consultation with the appropriate communities. All land users are responsible for reporting to the land managers any illegal or questionable low-level flight.

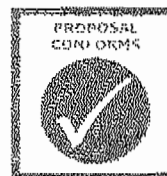
Conformity Requirement 5.4 Low level flights shall not take place unless absolutely necessary. Should they be necessary, pilots shall avoid disturbance to people and wildlife wherever possible.

DETERMINATION

The project proposal does involve absolutely necessary low level flights, the proponent has or will consult with the communities, and pilots will avoid disturbance to wildlife and people (conforms).

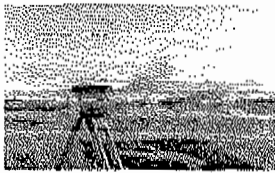
Comment:

Reasonable comments on the necessity of low-level flight





Nunavut Planning Commission
Keewatin Regional Land Use Plan
Conformity Determination
KIGGAVIK Project



MINE CLOSURE AND RESTORATION

*Blasting at a northern mine site.
The Keewatin Regional Land Use Plan requires restoration plans
for all proposed mining developments in the Region.*

Photo © Nunavut Planning Commission.

Conformity Requirement 3.4 All proposals for mining developments shall include adequate plans for mine closure and restoration of the site.

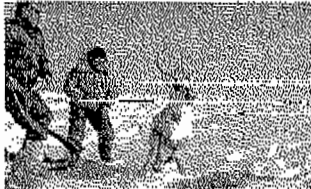
DETERMINATION

The project proposal is not for mining development (conformity requirement 3.4 is not applicable).





Nunavut Planning Commission
 Keewatin Regional Land Use Plan
 Conformity Determination
 KIGGAVIK Project



ACADEMIC AND / OR SCIENTIFIC RESEARCH

*Successfully collaring a caribou.
 Local services and employment shall, whenever possible, be
 incorporated in scientific research programs in the Keewatin*

Photo © Robert Mulders

Conformity Requirement 6.2 Local and traditional knowledge shall be sought and, when available and relevant, shall be integrated with the scientific knowledge.

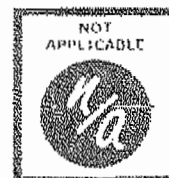
Conformity Requirement 6.3 Research programs conducted in the Keewatin shall, where possible, rely on local services and local employment.

Conformity Requirement 6.4 All scientific researchers shall communicate with the communities in clear, non-technical language in Inuktitut and English. Scientific researchers shall communicate the results of their research to the communities.

Conformity Requirement 6.5 Academic and scientific researchers shall make all reasonable efforts to consult the NRI concerning research topics or fields that would be of benefit and interest to local residents.

DETERMINATION

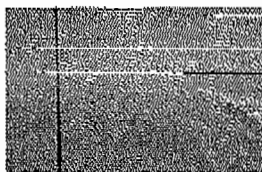
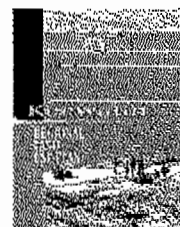
The project proposal does not involve academic and/or scientific research (conformity requirements are not applicable).





Nunavut Planning Commission
Keewatin Regional Land Use Plan
Conformity Determination

KIGGAVIK Project



TRANSPORTATION AND/OR COMMUNICATIONS CORRIDORS :

Proposals for transportation corridors shall be publicly reviewed, and may lead to amendment of the Plan.

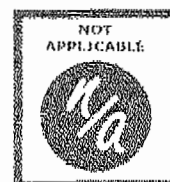
Photo © Nunavut Planning Commission.

Conformity Requirement 5.6 All parties wishing to develop a transportation and/or communications corridor shall submit to the NPC a detailed application for an amendment. This application must include an assessment of alternative routes, plus the cumulative effects of the preferred route. It shall provide reasonable options for other identifiable transportation and utility facilities. In particular, this application must meet the information requirements set out in Appendix J.

Conformity Requirement 5.7 The NPC and either NRR or a panel acting under s. 12.4.7 of the NLCA shall publicly review the proposed corridor to determine whether the proposal adequately meets the requirements of Appendix J and the guidelines of Appendix J. Once it is determined that a proposal meets the guidelines, the NPC may request the Minister of DIAND to amend the plan to include the new transportation corridor.

DETERMINATION

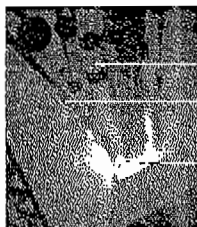
The project proposal is not for the development of a transportation and/or communications corridor (conformity requirements 5.6 and 5.7 are not applicable).





Nunavut Planning Commission
Keewatin Regional Land Use Plan
Conformity Determination

KIGGAVIK Project



URANIUM DEVELOPMENT

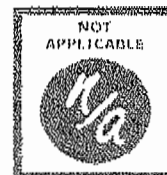
Uranium development is currently not permitted in the Keewatin Planning Region.

Conformity Requirement 3.5 Uranium development shall not take place until the NPC, NTRB, the NWB and the NWMB have reviewed all of the issues relevant to uranium exploration and mining. Any review of uranium exploration and mining shall pay particular attention to questions concerning health and environmental protection.

Conformity Requirement 3.6 Any future proposal to mine uranium must be approved by the people of the region.

DETERMINATION

The project proposal is not for uranium development (conformity requirements 3.5 and 3.6 are not applicable).



- c) the proposal is insufficiently developed to permit proper screening, and should be returned to the proponent for clarification; or
- d) the potential adverse impacts of the proposal are so unacceptable that it should be modified or abandoned.

NIRB Assessment and Decision

After a thorough assessment of all material provided to the Nunavut Impact Review Board (NIRB or Board) (see Appendix D), the decision of the Board as per section 12.4.4 of the NLCA is:

12.4.4 (a): the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5.

NIRB Recommendations and Recommended Conditions

Although this project proposal is not located within known calving grounds for the Beverly caribou herds, the Board recognizes that the project area may be used for spring-migration, post-calving, and late summer activities for the Beverly caribou herd. In addition, the Board also recognizes that the Thelon Heritage River is considered to be part of Canada's Heritage River System, and understands that some of the project activities, such as geophysical survey flying, will be taking place approximately 10km from the river. Therefore, the Board is recommending broader terms and conditions because of the sensitivities of the Beverly caribou herd and the importance of the Thelon Heritage River. They are the following:

1. As an overriding consideration, Indian and Northern Affairs Canada (INAC) impose strict mitigation measures, conditions and monitoring requirements pursuant to the Federal Land Use Permit, which require AREVA (the Proponent) to respect the sensitivities and importance of the area. These mitigation measures, conditions and monitoring requirements should be in regard to:
 - a. Location and Area
 - b. Time
 - c. Equipment
 - d. Methods and Techniques
 - e. Control or Prevention of Flooding, Erosion and Subsidence of Land
 - f. Use, Storage, Handling and Disposal of Chemical or Toxic Material
 - g. Wildlife and Fisheries Habitat
 - h. Objects and Places of Recreational, Scenic and Ecological Value
 - i. Petroleum Fuel Storage
 - j. Matters Not Consistent with the Regulations
2. INAC must consider the importance of conducting regular Land Use Inspections, pursuant to the authority of the Federal Land Use Permit, while the project is in operation. The Land Use Inspections should be focused on ensuring the Proponent is in compliance with the DIAND Caribou Protection Measures.
3. INAC recognize that any activity related to this application (INAC Land Use Permit application N2006C0037) outside the original scope of the project proposal **will** be considered a new project and must be submitted to NIRB for screening. In addition, NIRB recommends that any renewal requests for the project proposal should be forwarded to NIRB for re-screening.

4. The Kivalliq Inuit Association (KIA) impose strict mitigation measures and/or Environment Terms and Conditions pursuant to the Inuit Owned Lands License (KVK306C02) in regard to:
 - a. General Standards
 - b. Fuel and Chemical Storage
 - c. Campsites
 - d. Fisheries
 - e. Ground Disturbance
 - f. Wildlife
 - g. Any other conditions recommended by the appropriate Community Lands and Resource Committee (CLARC)
5. KIA recognize that any activity related to this application (KIA Inuit Owned Lands License KVL306C02) outside the original scope of the project proposal **will** be considered a new project and must be submitted to NIRB for screening. In addition, NIRB recommends that any renewal requests for the project proposal should be forwarded to NIRB for re-screening.
6. The Government of Nunavut – Department of Environment (GN-DOE) Conservation Officers should conduct random inspections of the project location during the months of May, June, July and August to ensure the Proponent is in compliance with the DIAND Caribou Protection Measures.
7. The GN-DOE should conduct on-going review of wildlife monitoring results submitted from the Proponent as required by the Wildlife Mitigation and Monitoring Plan. Following submission of the required annual report by January 31, 2008 to NIRB, INAC, the KIA and the GN-DOE, the GN-DOE should report to NIRB and INAC its findings regarding the possible impact of the project on the Beverly and Ahiak caribou herds. As noted in correspondence provided to NIRB, the GN recommended a one-year Land Use Approval to be issued, subject to the findings of the 2007 GN/GNWT Population Surveys of the Beverly and Ahiak Caribou Herds.

In addition, the Board is recommending the following or similar project-specific terms and conditions be imposed upon the Proponent through all relevant legislation pursuant to 12.4.4(a) of the NLCA:

1. The term of the permitted activities associated with Land Use Permit N2006C0037 and Inuit Owned Lands License KVL306C02 is subject to any findings, direction or advice received by INAC and the KIA from the GN-DOE as a result of the 2007 GN/GNWT Population Surveys of the Beverly and Ahiak Caribou Herds.
2. AREVA (the Proponent) shall maintain a copy of this Screening Decision at the site of operation at all times.
3. The Proponent shall forward copies to NIRB of all permits obtained and required for this project prior to the commencement of the project.
4. The Proponent shall operate in accordance with commitments stated in Appendix A and all Operation Plans provided to NIRB, namely:
 - a. Spill Contingency Plan
 - b. Abandonment and Restoration Plan
 - c. Noise Abatement Plan
 - d. Waste Management Plan

- e. Wildlife Mitigation and Monitoring Plan
 - f. Radiation Safety Plan
 - g. Environmental Code of Practice
5. The Proponent shall submit an annual report with copies provided to the NIRB, INAC, the KIA, and GN-DOE by January 31 each year that the project is in operation commencing January 31, 2008. The report must contain, but not be limited to, the following information:
 - a. A summary of activities undertaken for the year and a work plan for the following year;
 - b. The results of environmental studies undertaken and plans for future studies;
 - c. A discussion of the implementation of the Operational Plans, and analysis regarding the effectiveness of the Operational Plans to mitigate adverse environmental impacts;
 - d. Specific to the Wildlife Mitigation and Monitoring Plan: the results from the Caribou Monitoring Program, wildlife encounters and actions/mitigation taken, an analysis of the effectiveness of mitigation measures for wildlife and any anticipated follow-up monitoring program(s);
 - e. A discussion regarding the effects to human health from uranium exploration activities;
 - f. A summary of local hires and initiatives;
 - g. A summary of community consultations
 - h. A summary of site-visits by Land Use Inspectors with results and follow-up actions, including those approvals given by Land Use Inspectors regarding Caribou Protection Measures;
 - i. Site photos;
 - j. Progressive reclamation work undertaken;
 - k. Efforts made to achieve compliance with the *Canadian Wide Standards for Dioxins and Furans*, and the *Canadian Wide Standards for Mercury*; and
 - l. A summary of how the Proponent has complied with NIRB conditions contained within this Screening Decision, and the conditions associated with all authorizations for the project proposal.
 6. The Proponent shall abide by all DIAND Caribou Protection Measures and those mitigation measures outlined in the Wildlife Mitigation and Monitoring Plan.
 7. The Proponent shall be prohibited to allow aircraft take-offs and landings when groups of caribou are within 1km of the airstrip or helipad.
 8. The Proponent must immediately update its Wildlife Mitigation and Monitoring Plan to include the following requirement:
 - a. Section 2.1 *During June and July* – To avoid injuries to caribou and humans, if one or more caribou approach within **1km** of drilling operations, then activities will be suspended until caribou leave the area.

Any subsequent direction provided by the Government of Nunavut Department of Environment and/or the Kivalliq Inuit Association regarding the Caribou Monitoring Plan must be forwarded to NIRB.
 9. The Proponent shall ensure that there is no hunting or fishing by employees of the company or any contractors hired unless proper Nunavut authorizations have been obtained.
 10. The Proponent shall ensure that the disposal of combustible camp wastes comply with the *Canadian Wide Standards for Dioxins and Furans*, and the *Canadian Wide Standards for*

Mercury. Efforts made to achieve compliance shall be reported to the NIRB as part of the annual report.

11. The Proponent shall adhere to conditions stated in attached Appendix B *Archaeological and Palaeontological Resources – Terms and Conditions for Land Use Permit Holders*

12. The Proponent shall avoid the known archaeological and/or palaeontological sites listed in Appendix C.

Validity of Land Claims Agreement

Section 2.12.2

Where there is any inconsistency or conflict between any federal, territorial and local government laws, and the Agreement, the Agreement shall prevail to the extent of the inconsistency or conflict.

Dated ____April 3, 2007____ at Sanikiluaq, NU.



Lucassie Arragutainaq, A/Chairperson

Appendix A

Summary of Proponent Commitments

1. The disturbances to permafrost will be mitigated by insulating the floors of buildings, and keeping the sump area and incinerator area small, raising the incinerator above the ground.
2. Disturbance to soil and vegetation will be minimized by using walkways. After more than 20 years of camp operation at the site, there is very little sign of disturbance.
3. The impact of helicopter and airplane noise and presence on wildlife and people will be mitigated by avoiding wildlife during flights and avoiding low flying. This will require ongoing communication and diligence.
4. The presence of wildlife will be carefully monitored to ensure minimal disturbance. Daily wildlife sitting records will be maintained and these will be used to plan work so that wildlife disturbance will be minimized. The information will also be provided to management boards and regulatory authorities.
5. Water quality will be protected from spills and drilling by use of protective procedures and containments.
6. Greywater will be treated through sumps and carefully monitored to ensure containment. No garbage will remain onsite.
7. The camp will be decommissioned when no longer used.
8. No fuel, drill cuttings, chemicals, wastes or sediment will be deposited into any water body as per the *Fisheries Act*, Section 36(3).
9. Sumps, including those created for the disposal of drill cuttings will be located above the high water mark of any water body in such a manner as to prevent the contents from entering any water body frequented by fish.
10. Drilling additives or mud will not be used in connection with holes drilled through lake ice unless they are re-circulated or contained such that they do not enter the water or demonstrated to be non-toxic.
11. Land based drilling will not occur within 30 m of the high water mark of any water body.
12. Materials will not be stored on the surface ice of lakes or streams. Materials on the ice surface must be for immediate use.
13. If an artesian flow is encountered, the drill hole will be immediately plugged and permanently sealed.
14. In terms of the winter road:
 - a. Travel will not begin until the ground is sufficiently frozen to provide support and to avoid surface damage and rutting.
 - b. Stream crossings shall be located to minimize approach grades. Bank disturbance will be avoided and mechanized clearing will not be done immediately adjacent to any watercourse
 - c. Winter lake/stream crossings will be constructed entirely of ice and snow materials; stream crossings will be removed or notched prior to spring break-up

Appendix B



BACKGROUND

Archaeology

As stated in Article 33 of the Nunavut Land Claims Agreement:

The archaeological record of the Inuit of Nunavut is a record of Inuit use and occupancy of lands and resources through time. The evidence associated with their use and occupancy represents a cultural, historical and ethnographic heritage of Inuit society and, as such, Government recognizes that Inuit have a special relationship with such evidence, which shall be expressed in terms of special rights and responsibilities. [33.2.1]

The archaeological record of Nunavut is of spiritual, cultural, religious and educational importance to Inuit. Accordingly, the identification, protection and conservation of archaeological sites and specimens and the interpretation of the archaeological record is of primary importance to Inuit and their involvement is both desirable and necessary. [33.2.2]

In recognition of the cultural, spiritual and religious importance of certain areas in Nunavut to Inuit, Inuit have special rights and interests in these areas as defined by Article 33 of the Nunavut Land Claims Agreement. [33.2.5]

Palaeontology

Under the Nunavut Act¹, the federal government can make regulations for the protection, care and preservation of palaeontological sites and specimens in Nunavut. Under the *Nunavut Archaeological and Palaeontological Sites Regulations*², it is illegal to alter or disturb any palaeontological site in Nunavut unless permission is first granted through the permitting process.

Definitions

As defined in the *Nunavut Archaeological and Palaeontological Sites Regulations*, the following definitions apply:

“archaeological site” means a place where an archaeological artifact is found.

¹ s. 51(1)

² P.C. 2001-1111 14 June, 2001

“archaeological artifact” means any tangible evidence of human activity that is more than 50 years old and in respect of which an unbroken chain of possession or regular pattern of usage cannot be demonstrated, and includes a Denesuline archaeological specimen referred to in section 40.4.9 of the Nunavut Land Claims Agreement.

“palaeontological site” means a site where a fossil is found.

“fossil” includes:

- (a) natural casts
- (b) preserved tracks, coprolites and plant remains; and
- (c) the preserved shells and exoskeletons of invertebrates and the eggs, teeth and bones of vertebrates.

Terms and Conditions

- 1) The permittee shall not operate any vehicle over a known or suspected archaeological or palaeontological site.
- 2) The permittee shall not remove, disturb, or displace any archaeological artifact or site, or any fossil or palaeontological site.
- 3) The permittee shall immediately contact the Department of Culture, Language, Elders and Youth (867) 934-2046 or (867) 975-5500 or 1 (866) 934-2035 should an archaeological site or specimen, or a palaeontological site or fossil be encountered or disturbed by any land use activity.
- 4) The permittee shall immediately cease any activity that disturbs an archaeological or palaeontological site encountered during the course of a land use operation, until permitted to proceed with the authorization of the Department of Culture, Language, Elders and Youth, Government of Nunavut.
- 5) The permittee shall follow the direction of the Department of Culture, Language, Elders and Youth and DIAND in restoring disturbed archaeological or palaeontological sites to an acceptable condition.
- 6) The permittee shall provide all information requested by the Department of Culture, Language, Elders and Youth concerning all archaeological sites or artifacts and all palaeontological sites and fossils encountered in the course of any land use activity.
- 7) The permittee shall make best efforts to ensure that all persons working under authority of the permit are aware of these conditions concerning archaeological sites and artifacts, and palaeontological sites and fossils.
- 8) The permittee shall avoid the known archaeological and/or palaeontological sites listed in Attachment 1.

9) The permittee shall have an archaeologist or palaeontologist perform the following functions, as required by the Department of Culture, Language, Elders and Youth:

- a) survey
- b) inventory and documentation of the archaeological or palaeontological resources of the land use area
- c) assessment of potential for damage to archaeological or palaeontological sites
- d) mitigation
- e) marking boundaries of archaeological or palaeontological sites
- f) site restoration

The Department of Culture, Language, Elders and Youth shall authorize by way of a Nunavut Archaeologist Permit or a Nunavut Palaeontologist Permit, all procedures subsumed under the above operations.

Appendix C
Confidential Archaeological Sites

Appendix D

File History

On November 29, 2006, the Nunavut Impact Review Board (NIRB) received a project proposal from AREVA for the Kiggavik-Sissons project proposal from the Kivalliq Inuit Association. On November 30, 2006 NIRB notified AREVA that an NPC conformity determination would be required for the project proposal, and also requested additional information from the Proponent. A positive conformity determination was received on December 15, 2006.

On February 1, 2007 NIRB received the requested information from the Proponent, and on February 5, 2007 commenced the Part 4 Screening. NIRB requested interested Parties provide comments to NIRB by February 26, 2007.

The project is located approximately 80km west of Baker Lake.

The project activities include:

- Satellite remote sensing
- Aircraft remote sensing to collect airborne geophysics data
- Soil sampling supported by helicopter
- Sediment sampling
- On-land drilling supported by helicopter
- Winter overland transportation of goods
- Construction of temporary wooden camp, and expansion of existing structures
- Fuel transportation and storage
- Chemical transportation and storage
- Core storage
- Environmental baseline work consisting of field surveys conducted on foot and supported by helicopter
- Ground geophysical surveys conducted on foot and supported by helicopter
- Geological mapping and prospecting conducted on foot and supported by helicopter
- Possible landing of aircraft with tundra tires on eskers
- Consumption of water and generation of waste

This application was distributed to Baker Lake and to interested Federal and Territorial Agencies.

On February 19, 2007 the Government of Nunavut – Department of Environment requested additional time to review the project information. Subsequently, NIRB granted all Parties until March 12, 2007 to provide comments to NIRB.

By March 12, 2007 NIRB received comments from the following interested Parties:

- Mr. Orin Durey of Baker Lake
- The Government of Nunavut Department of Environment
- The Government of Nunavut Department of Culture, Language, Elders and Youth
- The Beverly and Qamanirjuaq Caribou Management Board
- Environment Canada

Concerns regarding the project proposal were expressed by all interested Parties except for the Department of Culture, Language, Elders and Youth.

The main concerns related to:

- Project activities occurring in lands used by Beverly and Ahiak caribou herds for calving and post-calving
- Potential impacts to caribou from drilling, geophysical surveys, unavoidable low-level flights, and aircraft activity in general
- The necessity of a rigorous wildlife monitoring with particular emphasis on caribou
- Potential impacts to humans and wildlife, including grizzly bears, wolverines, wolves foxes, and raptor nesting areas from noise, human-carnivore interactions and general disruption
- Omissions regarding details about the winter road, including concerns related to use of winter trail prior to completion of the NIRB Part 4 Screening process
- Omissions in the Spill Contingency Plan
- Insufficient information contained within the Abandonment and Restoration Plan, such as details pertaining to the disposal of radioactive sediment, reclamation of the helicopter landing pad, testing for contaminated soils
- Potential for cumulative effects with other projects in the area
- Potential for impacts to air quality related to incineration of wastes
- Proximity of the project proposal to the Thelon Canadian Heritage River, and recognition of the Thelon Game Sanctuary Management Plan, the Thelon Wildlife Sanctuary, and the associated Special Management Areas
- Clarification regarding use of eskers to access project locations

One of the specific comments provided by GN-DOE was to limit the time period of the permit to one-year only (2007). This is to allow for additional review in the following year (2008) after completion of the 2007 GN/GNWT Population Surveys of the Beverly and Ahiak Caribou Herds related to herd population trends and the potential impact of exploration activities.

NIRB provided AREVA with the opportunity to respond to all the comments and concerns by March 20, 2007.

On March 20, 2007 NIRB received AREVA's response to Parties' comments, which included the following:

1. Revised NIRB Part 1 Screening Form in English and Inuktitut
2. Revised NIRB Part 2 Screening Form
3. Revised Spill Contingency Plan
4. Revised Abandonment and Restoration Plan
5. Noise Abatement Plan (new)
6. Waste Management Plan (new)
7. Wildlife Mitigation and Monitoring Plan (new)
8. Radiation Protection Plan (new)
9. Revised Figure 2: Project Location
10. Figure 11: Proposed Aerial Survey Blocks for Caribou Monitoring (new)
11. Figure 12: Winter Road Options for 2007 Exploration Program (new)