

**ADVANCED EXPLORATIONS INCORPORATED
ROCHE BAY MAGNETITE PROJECT**



**Peninsula Project Area
Proposed 2010 Work Plan**

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NWB License: Currently Under Application
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PENINSULA WORK PLAN

2010 FIELD SEASON

Advanced Explorations Inc.'s Work Plan outlines the planned activities at the proposed Peninsula camp, to be established during the summer 2010 field season. The season will begin with the Roche Bay program being conducted entirely out of the existing Roche Bay camp, as has been done in the past, with the Roche Bay exploration program consisting largely of detailed drilling of the C Zone and A/B Zone mineralization. During the course of the filed season, most of the Roche Bay camp will be moved and re-established at a new Peninsula camp. Refer to the attached map for an approximate location of the proposed camp.

CAMP:

It is planned that the exploration camp at Roche Bay will be systematically moved to the Peninsula site during the next field season on the project. Based on water usage at the Roche Bay camp during previous years, an approximate average of 125 litres/person/day of water is expected to be taken from a lake adjacent to camp for general camp use. It is expected that the Peninsula camp will eventually house up to 60 people involving approximately 25 temporary structures, resulting in an estimated average water use of approximately 7.5 cubic metres per day. It is expected that the camp will be on-site for a number of years, with removal of all related equipment and infrastructure as well as restoration of the camp area being undertaken only when the program is complete. While the camp is in operation, all shelters and tents will be emptied of valuables to the extent practical and secured for the winter months.

FUEL AND WASTE:

Fuel cache areas will be established for fuel required for camp, drilling and helicopter activities, with barrels stacked, debris collected, and berms (for fuel, plus calcium chloride for drilling) established, similar to that done at the bulk material storage area at the beach nearby. Visual inspections of fuel caches will be conducted when people transfer fuel, with more formal inspection done by a site manager on a regular basis. Garbage and sewage will be burned using a dual chambered, forced-air, fuel-fired burning incinerator, with the ash and other residue secured in barrels for shipping off-site and disposal in an appropriate facility. Debris will be collected in order to keep the camp and drill sites clean. Grey water will be processed through sumps and discharged away from water courses, as is conducted and approved at the Roche Bay camp.

DRILLING:

It is anticipated that up to 2 Boart Longyear drills may be used for geotechnical drilling in area over the course of the program. At each drill site, the water return will be filtered through a PolyDrill (or similar) system to remove drill cuttings, and allowed to settle in natural

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depressions to allow additional cuttings to settle out. Water will be directed away from surface water courses. It is estimated that water use for each drill will be 90 cubic metres per day. Cuttings will then be used to reclaim any washout areas around their source drill-holes, as required. Calcium chloride will be the only drill additive used during the program. Water use will be similar to that used in previous Roche Bay programs, and taken from local lakes, with water meters installed on the intakes to document water usage. Pictures of drill sites will be taken before and after drilling, to document the drilling and reclamation operations. Calcium chloride will be kept on tarps, fuel on drip pans and waste (scrap metal and burnable waste) separated and kept in empty barrels for final removal from the site. Site manager inspections of the drilling operations will be conducted routinely, and issues addressed as found. Drill site remediation will be initiated immediately (as required), with all activities completed as soon as practical after the completion of drilling. Revegetation of drill sites will be enhanced by the application of peat moss to the surface, and transplantation of natural vegetation to the site. The use of overland vehicles will be closely monitored to minimize surface rutting. People will be advised to travel only across areas of sufficient snow cover, or bedrock as much as possible. Site managers will halt the use of overland vehicles when snow cover no longer allows effective travel without rutting.

ENVIRONMENTAL:

The potential environmental impacts of the proposed field program to the land and water will be minimal, based on the Company's experience over two field seasons at the larger Roche Bay camp. This is due in large part to the new camp site being located at an area where camps were established in the past, and where Roche Bay drill core is currently being stored. Archaeology surveys of the area have been undertaken in 2006 and 2008, with additional work being planned for the next field season. Ground surveys such as archaeology and environmental baseline sampling (also undertaken since 2006) will involve only surface access by field crews. The camp itself will be organized to cover a minimal amount of area, and all precautions will be taken with regard to fuel, waste products, etc. to minimize potential impacts, with all wastes shipped off-site for proper disposal, and all grey water will be directed away from surface water bodies. Similar treatment of drill sites and related wastes from drilling will be undertaken the same as for camp. Noise issues will be mitigated as much as practical by the prudent choice of helicopter flight paths if wildlife is in the area.

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SOCIO-ECONOMIC:

Based on past experience at the Roche Bay camp, the Company and its contractors will employ numerous people from Hall Beach, Igloolik and Repulse Bay for camp and exploration related duties. Goods and services will also be purchased from local and Nunavut businesses to the extent possible, including food, travel, housing in Hall Beach, local consultants, and airline services. Negative socio-economic impacts will be minimized to the extent possible during all such activities.

Signed “John Gingerich”

February, 2010

John Gingerich
Chief Executive Officer
Advanced Explorations Incorporated

Date

Signed “Lou Nagy”

February, 2010

Lou Nagy
Chief Financial Officer
Advanced Explorations Incorporated

Date

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Appendix:

Figure 1 - Proposed Camp Location