

UMA Engineering Ltd.
2540 Kensington Road NW
Calgary, Alberta T2N 3S3
T 403.270.9200 F 403.270.0399 www.uma.aecom.com

March 27, 2006

File Name: FOX-2 (3.6)

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Dear Ms. Beaulieu:

Re: 2005 Annual Report: Water Use License NWB5LON0308

UMA Engineering Ltd. is submitting the following report as per the requirements of Section B.1 of the above-noted water use license. This report was prepared on behalf of Defence Construction Canada and the Department of National Defence.

As part of its commitment to clean up and decommission surplus facilities at the former FOX-2, Longstaff Bluff DEW Line site, a detailed site investigation is completed for use in the development of the clean up design. The site investigation activities were concluded and the site clean up is scheduled to commence in 2010. A topographical map segment showing the FOX-2 site and a site plan are attached.

The existing airstrip was used to access the site and the existing roads were utilized for vehicular traffic on site. A temporary camp was set up by Kudlik Construction at the site to facilitate the site investigation activities. The camp was located on the airstrip apron, adjacent to the hangar. Major equipment used at the site included ATVs, trailers, mini-excavator, satellite phones, radios and laboratory equipment.

An electric deterrent system for wildlife management was used for the duration of the site investigation. It was comprised of a high voltage double wire fence around the perimeter of the camp. Bear monitors from nearby communities were employed during the site investigation.

During the site investigation, soil, water and structural material sampled were collected. Inventories were taken of the building and facilities on-site. Locations of surface debris areas were recorded. Geophysical, topographical and location surveys were performed. Potential sources of granular material required for the clean up activities were identified, as were potential locations for site disposal facilities, storage areas, construction camp, etc., required for the clean up activities. Test pits used to collect soil samples or investigate borrow sources were excavated by hand or by a mini-excavator. Monitoring wells for collecting groundwater samples were installed in some of the test pits. Principal areas of investigation included all buildings on-site, the station area, the airstrip area, the beach area, the petroleum, oil and lubricants (POL) storage areas, existing landfills, several borrow areas and numerous areas of surficial debris located adjacent to roads, site facilities and the aforementioned work areas.

Water was obtained from the Water Supply Lake for all domestic use by the camp; there were no industrial uses of water during the site investigation. The monthly quantities of water for the months of July and August were 27 and 26 cubic metres, respectively, for an annual total of 53 cubic metres of water used. The water from the lake was pumped into a water tank on an ATV trailer using a portable pump and then transferred to a water tank at the camp. No water was returned to the source.

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'Porta-potties' were used for sewage collection. Sewage was then pumped from the receptacles into drums, which were removed from the site at the end of the season.

Upon completion of the site investigation, all equipment was removed from the site. Laboratory wastes were containerized and stored in the hangar for disposal during the site clean up. All excavated test pits were backfilled. Non-hazardous camp waste was incinerated in an empty drum and the ash and residue were buried. Greywater from the camp was discharged to a pit and backfilled at the end of the site investigation.

No fuel spills were reported at the FOX-2 site.

A clean up plan and engineering design is currently being completed, based on the information and data collected during the site investigation. The site is scheduled to start construction/clean up in 2010, with completion anticipated in 2013.

We trust the information is consistent with the reporting requirements as stated in Water Use License No. NWB5LON0308. If you have any questions or comments, please feel free to contact the undersigned at (403) 270-9220.

Sincerely,

UMA Engineering Ltd.



Eva Schulz, P.Ag.
Environmental Scientist
eva.schulz@uma.aecom.com

EMS:mm

Encl. Site Photos and Location Plan

cc: Sarah Gagné, NWB
Philip Warren, DCC

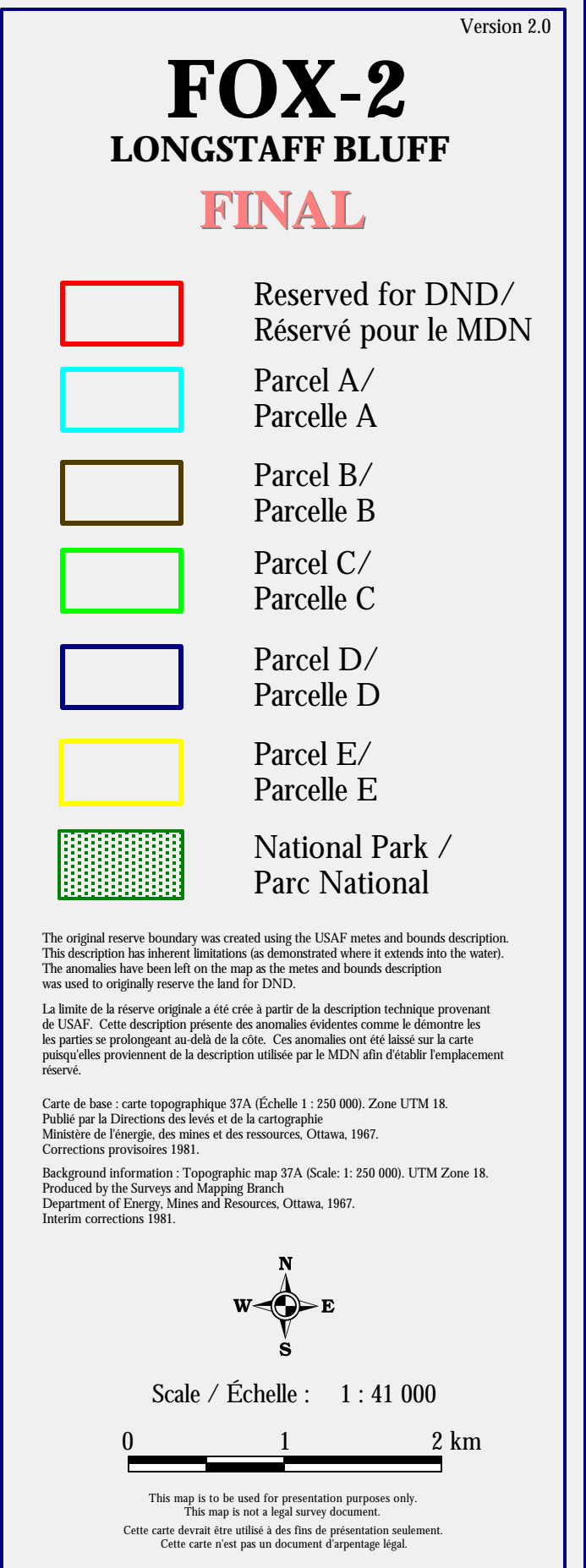
PHOTOGRAPHIC RECORDS

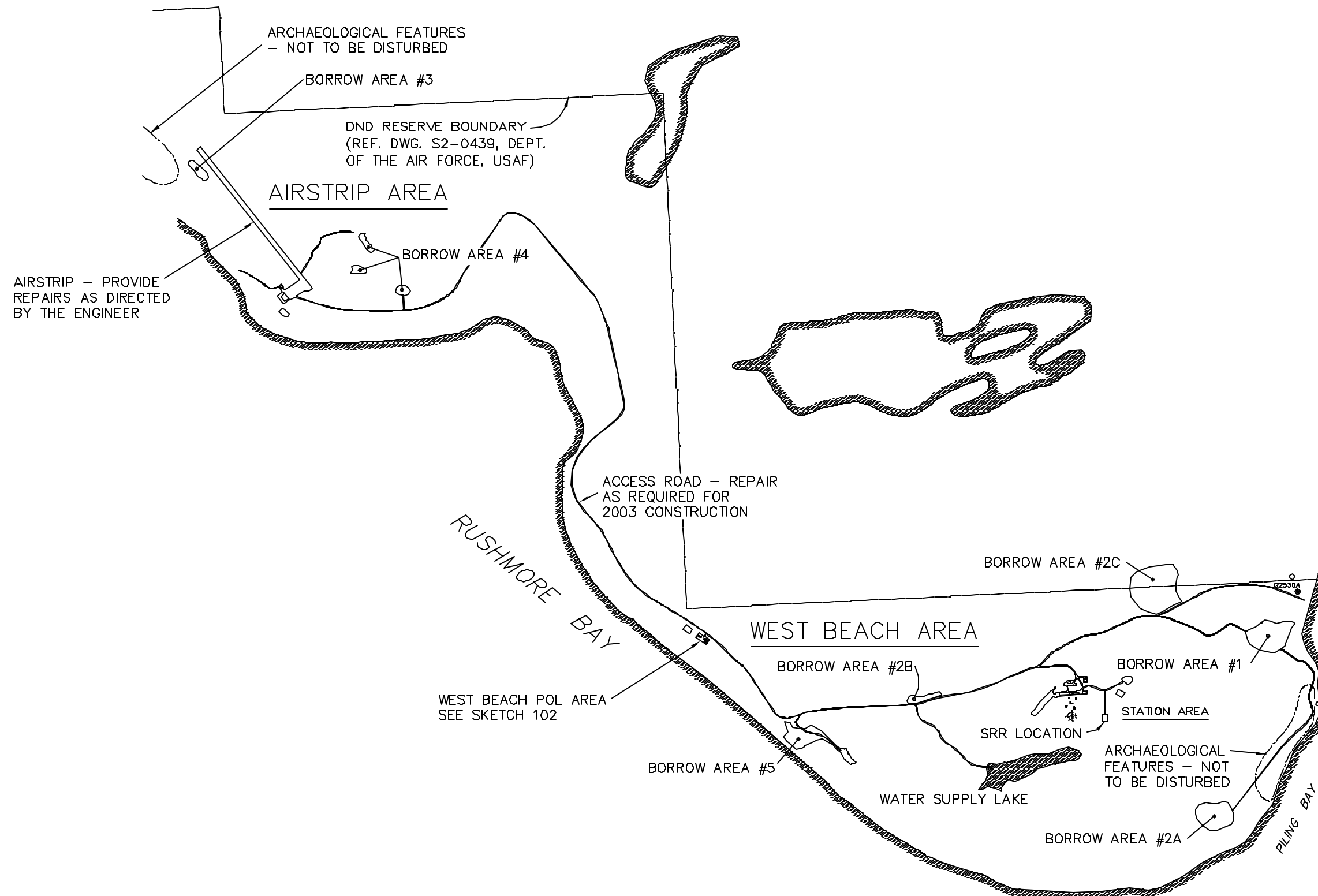


Photo 1: Site Investigation Camp.



Photo 2: Site Investigation Camp.



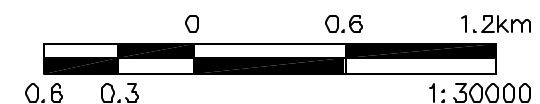


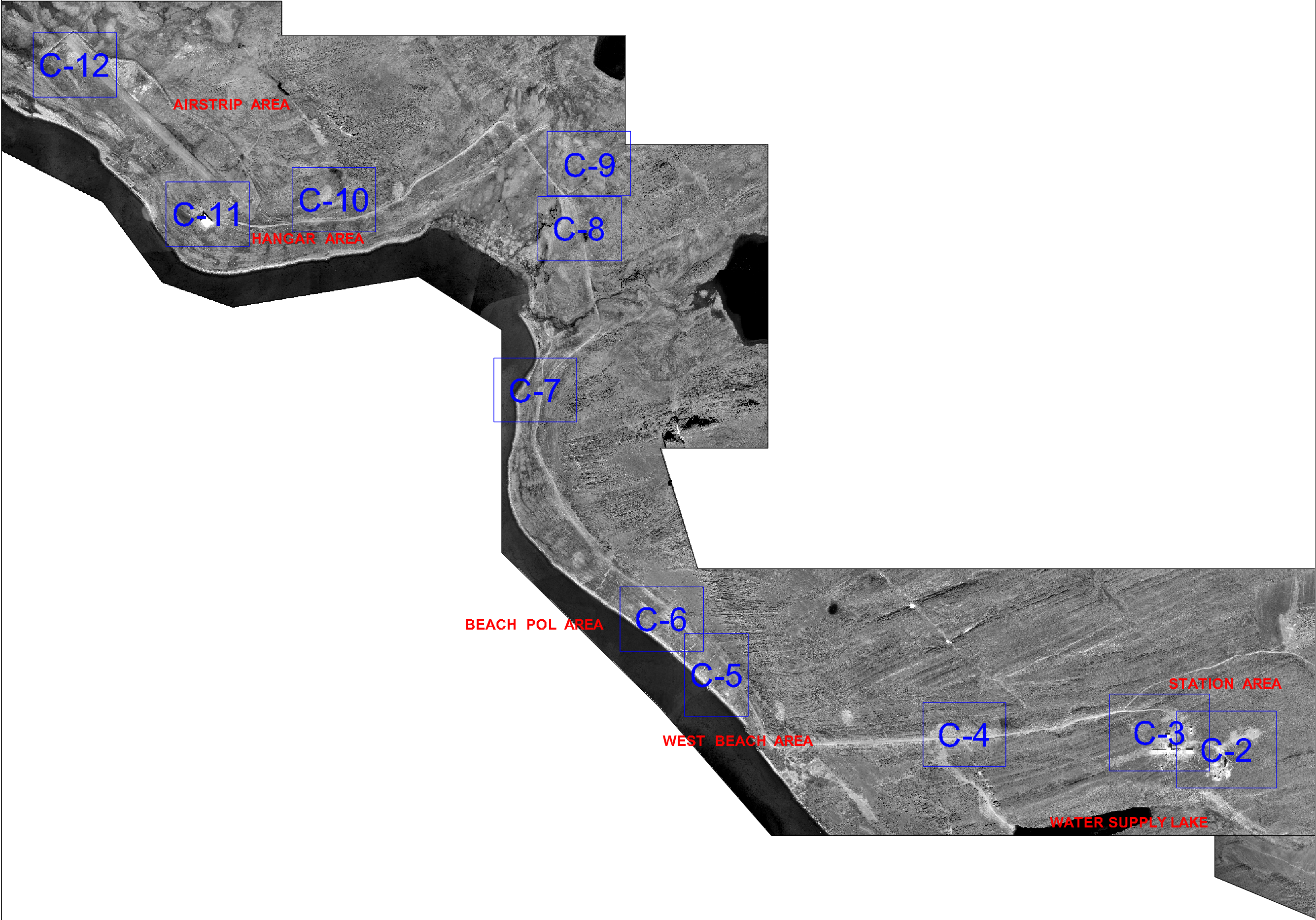
 **National Défense
Defence nationale**

DEW LINE CLEAN UP

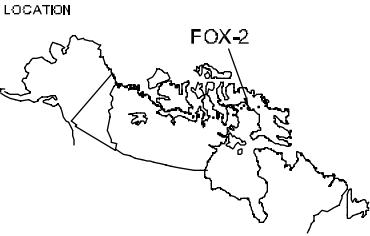
**FOX-2 LONGSTAFF BLUFF
DUE DILIGENCE CLEAN UP
MARCH, 2003**

**OVERALL SITE PLAN
SKETCH 101**





Headquarters
Quartier général



LEGEND:

C-2 Map Number

GRID SCALE	AERIAL PHOTOGRAPHY (1994)
N/A	NAD 83 (NAD 83) - AZ 83 - 12 (12-30)
PROJECT	FOX-2 - LONGSTAFF BLUFF NU
TRADE	DATE
SII INC.	2000/03/11
SUBJECT	

C-1: Site Key