



# **North Country Gold Corp.**

## **ABANDONMENT AND RESTORATION PLAN**

**For: Committee Bay Project, Eastern Kitikmeot Region, Nunavut**

**NWB Licence No: 2BE-CRA1015**

**INAC Land Use Permit No: N2009C0018, N2009C0019**

**Kitikimeot Inuit Association: KTL306C031, KTL305C004**

**NIRB File No.: 07EN021**

**Distributed to: NWB, NIRB, INAC, KIA**

**Created by: North Country Gold Corp.**

**First Edition: April 2010**

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# **Committee Bay Project Exploration Program/Remote Camp Abandonment and Restoration Plan**

## **1. Preface**

This Abandonment and Restoration (A&R) Plan is in effect as of April 5<sup>th</sup> 2010 and applies specifically to the Committee Bay Project. A property map and camp layouts are included in Appendix I. North Country Gold Corp. endeavors to take every reasonable precaution toward ensuring the protection and conservation of the natural environment and the safety and health of all employees and contractors from any potential harmful effects of stored materials and operations.

## **2. Introduction**

The work proposed for this project consists of prospecting, staking, geological mapping, rock and soil/till sampling, airborne and ground geophysics, drilling, fuel transport (via fixed wing aircraft and helicopter), fuel caches and four camps. Although the camps are temporary, it is the company's desire to have the camps remain in position for the duration of the land use permits and water license.

North Country Gold Corp (NCG) have been conducting mineral exploration in the Committee Bay area since 1992. The lands in the exploration area are Federal and Kitikmeot region Inuit Owned Lands (IOL). Land use for the exploration activities has been authorized by the Kitikmeot Inuit Association (KIA), Indian and Northern Affairs Canada (INAC) and the Nunavut Water Board (NWB). As condition of the licenses, NCG will return the land in a condition as near to its original natural state as practical and possible. This abandonment and reclamation plan will be filed with the relevant regulatory bodies.

NCG operates 4 camps and a number of drill sites in the Committee Bay area (**Table 1**). Hayes camp is the main camp in the area and is supported by a natural esker airstrip and a prepared winter icestrip on Sandspit Lake located next to the camp. Bullion, Ingot and Crater camps are smaller camps used as bases for seasonal exploration in various parts of the area. Drill sites are located in geologically favorable various parts of the area where small amounts of drill equipment and/or fuel may be temporarily stored for future use (small remote fuel caches).

**Table 1 – CBR Gold Corp camp and cache locations.**

<b>CAMPS</b>	<b>Easting or Latitude</b>	<b>Northing or Longitude</b>
<b>Hayes Camp</b>		
UTM (Nad83 z15)	564613	7394173
Lat/Long	66°39'30"	91°32'11"
<b>Bullion Camp</b>		
UTM (Nad83 z15)	494850	7363850
Lat/Long	66°23'39"	93°06'55"
<b>Ingot Camp</b>		
UTM (Nad83 z15)	516500	7386100
Lat/Long	66°35'40"	92°37'34"
<b>Crater Camp</b>		
UTM (Nad83 z15)	677781	7478788
Lat/Long	67°22'19"	88°51'24"
<b>Three Bluffs Drilling</b>		
UTM (Nad83 z15)	569153	7392660
Lat/Long	66°38'42"	91°26'12"
<b>Ibex Cache</b>		
UTM (Nad83 z15)	493060	7342810
Lat/Long	66°12'19"	93°9'14"
<b>West Plains Cache</b>		
UTM (Nad83 z15)	479650	7334330
Lat/Long	66°7'43"	93°27'2"

### 3. Schedule

The final restoration of any of the camp sites will begin once on termination of any exploration. All work under the Abandonment and Restoration Plan will be completed prior to the date of expiry of the land use permits and water license unless a renewal is applied for. Empty fuel drums brought on site by NCG will be removed from site regularly. Once a fuel cache is retired, a thorough inspection will be conducted. Any contamination will be cleaned up according to the Spill Contingency Plan and Environmental Procedures Plan. All waste will be removed from the site.

### 4. Infrastructure

Camps consist of varying numbers of:

- 14' x 16', 14' x 32,' 14' x 56' insulated tents on wood frames. These tents function as sleep tents, an office, core tent and first aid station, kitchen and dry, storage tents.
- Outhouse facilities using "Pacto" toilets. The "Pacto" toilets do not require electricity or water. Instead a flush foil is used to encapsulate the waste.

- A generator building to house a 20 kW diesel generator as well as a backup generator
- A garbage incineration area
- A helicopter landing area, and
- A natural gravel airstrip for the twin otter.

## **5. Seasonal Shutdowns**

### *Buildings and Contents*

Wood structures (generator and pacto toilet shacks, tents) and wood floors will be kept secured. The generator may be removed from site for servicing and storage.

### *Water System*

Pumps and hoses will be drained and stored inside a sealed tent

### *Fuel caches and Chemical Storage*

An inventory will be conducted prior to leaving at the end of the field season. A thorough inspection of all fuel caches will be completed and empty fuel drums will be removed from site. Every effort will be made to use up any partially full fuel drums. In the event that any partially full fuel drums are left once the season is over, they will be placed on an angle to ensure that snow and water do not enter the drum and no leakage from the drum occurs. Full fuel drums will be stored on their sides with the bungs in the 3 and 9 o'clock position. All chemicals, including cleaning products, will be stored in a sealed tent.

### *Waste*

Combustible Waste: All combustible waste will be incinerated

Grey Water Sump: the grey water sump will be inspected and covered securely for the winter. Stakes will be placed around the sump so that it is easily identifiable when the camp is opened up again each year.

Black water: the camp uses Pacto toilets. Bags containing waste are incinerated.

Drill Sites: The drill will be partially dismantled into its main components as per the drilling contractor procedure, packaged and secured along with its ancillary equipment and rods. All drill sites will be inspected for soil contamination. Any remaining waste will be taken to camp either incinerated if appropriate or to be flown out to an approved disposal location.

Grey water and sludge sumps will be filled and leveled as required.

### *Contamination Clean Up*

Any soil around camp that has become contaminated and gone unnoticed will be treated as per the Spill Contingency Plan.

### *Inspection and Documentation*

A complete inspection will be conducted of all areas prior to seasonal closure. Photos will be taken to document the conditions prior to leaving the site for the winter. A full inventory will be conducted.

## **6. Final Abandonment and Restoration**

All equipment, structures and fuel will be removed from the area of the lease prior to license/permit termination. Buildings and materials with ongoing value will be salvaged by NCG. Local persons and businesses will be given the opportunity to salvage any remaining buildings and materials that would otherwise be destroyed prior to NCG undertaking final site reclamation procedures. The only materials and structures remaining will be drill core stored in permanent stacks, appropriately labeled and sealed.

### *Non-combustible Waste*

All non-combustible waste will be removed to the Rankin Inlet municipal land fill or other approved disposal site.

### *Reclamation*

The natural re-vegetation of the site generally will be slow due to the dry conditions that exist atop this ridge. The use of fertilizers is generally most effective in moist sites and while it helps on drier sites, the response by the tundra plant community on the higher ground occupied by the camp will be significantly slower. There will be four different surface conditions that will require reclamation on termination of activities at the present camp site:

#### *Areas of heavy traffic*

In these areas, the total amount of vegetation on surface is diminished thereby reducing the insulative layer over the permafrost. The effect is receded surface settlement and more rocks protruding through to the surface. These areas remain stable and reclamation will involve applications of fertilizer to accelerate natural revegetation. These sites will also receive applications of fertilizer in the interim to stimulate healthier plants and seed development on the margins of the disturbed areas.

#### *Building and core rack bases*

The prolonged presence of a building has prevented plant growth by blocking light to the plants on the site. The ground surface at building sites remains stable and time alone will allow plants to become established. This will be enhanced by limited scarification to improve the germination of seeds from adjacent plants. Application of fertilizer throughout the lease area generally assists in the process.

### *Drill Core*

There is a total of over 30,000 metres of drill core stored at the four camps. Upon the end of the licenses/permits, the core will be restacked on more durable and stable gravel pads for long term storage and access for future holders .

### *Buildings and Contents*

All buildings will be dismantled and removed. All wooden structures including floors will either be incinerated or removed.

### *Equipment*

All equipment, including pumps, will be dismantled and removed from the project area.

### *Fuel caches and Chemical Storage*

All fuel drums brought to site by NGC will be removed. All areas where there have been fuel caches will be thoroughly inspected. Any contamination will be cleaned up as well as any debris removed. Contaminated soil will be handled as per the Spill Contingency Plan. Final photos will be taken of all fuel caches for inclusion in the final report.

### *Sumps*

All sumps will be inspected to ensure that there is no leaching or run-off. Sumps will be back-filled and leveled as required. Final photos will be taken.

### *Drill Sites*

The drills will be dismantled into its main components as per the drilling contractor procedure, packaged and secured along with its ancillary equipment and rods. The drill will be flown out by the drilling contractor or as the contract describes. All drill sites will be inspected for soil contamination. Any remaining waste will be taken to camp to be incinerated if possible or to be flown out to an approved disposal location. Grey water and sludge sumps will be filled and leveled. An inspection will be conducted to ensure that all drill sites are/have been restored and sumps have been covered and leveled.

### *Contamination Clean Up*

Any contamination will be treated as per the Spill Contingency Plan. Before and after photos will be taken to document the contamination and the clean up. These photos will make up part of the final report to be submitted to the Water Resource Inspector following any spill and will also be attached as part of the Annual Report submitted to the INAC, Nunavut Water Board, and the Kitikmeot Inuit Association.

### *Inspection and Documentation*

A complete inspection will be conducted of all areas prior to closure. Photos will be taken to document the conditions prior to leaving the site for use in the final plan. All appropriate agencies will be contacted and notified once the final clean up has been conducted. The photos will make up part of the final closure reports to be submitted to INAC, the Nunavut Water Board, and the Kitikmeot Inuit Association.

## **7. Post Closure Site Monitoring**

After the completion of reclamation, two years of annual terrestrial and aquatic monitoring will take place in late summer. The monitoring will consist of measuring and documenting plant re-growth, ensuring that the core racks and boxes are stable and inspecting potential problem areas for erosion and run off. Reports, including photographs, will be submitted to the relevant regulatory bodies.

## **8. Emergency Contact Information**

### **Contact Telephone Number**

Andrew Turner, Project Manager  
Senior Geologist, APEX Geoscience Ltd, Edmonton, AB T6E 5V8

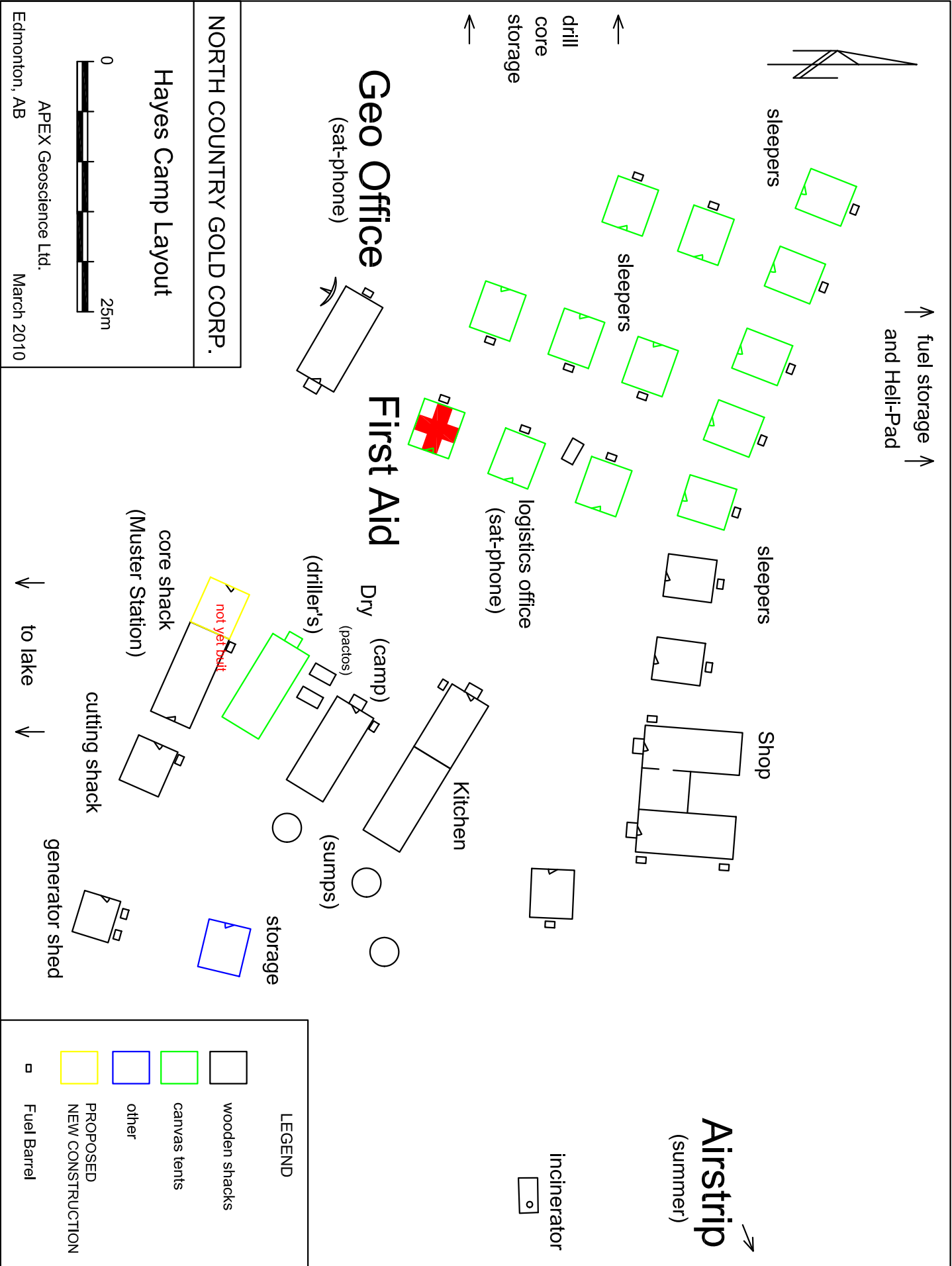
Office: 780 439-5380  
Cell: 780 231-4117  
Email: andrewt@apexgeoscience.com

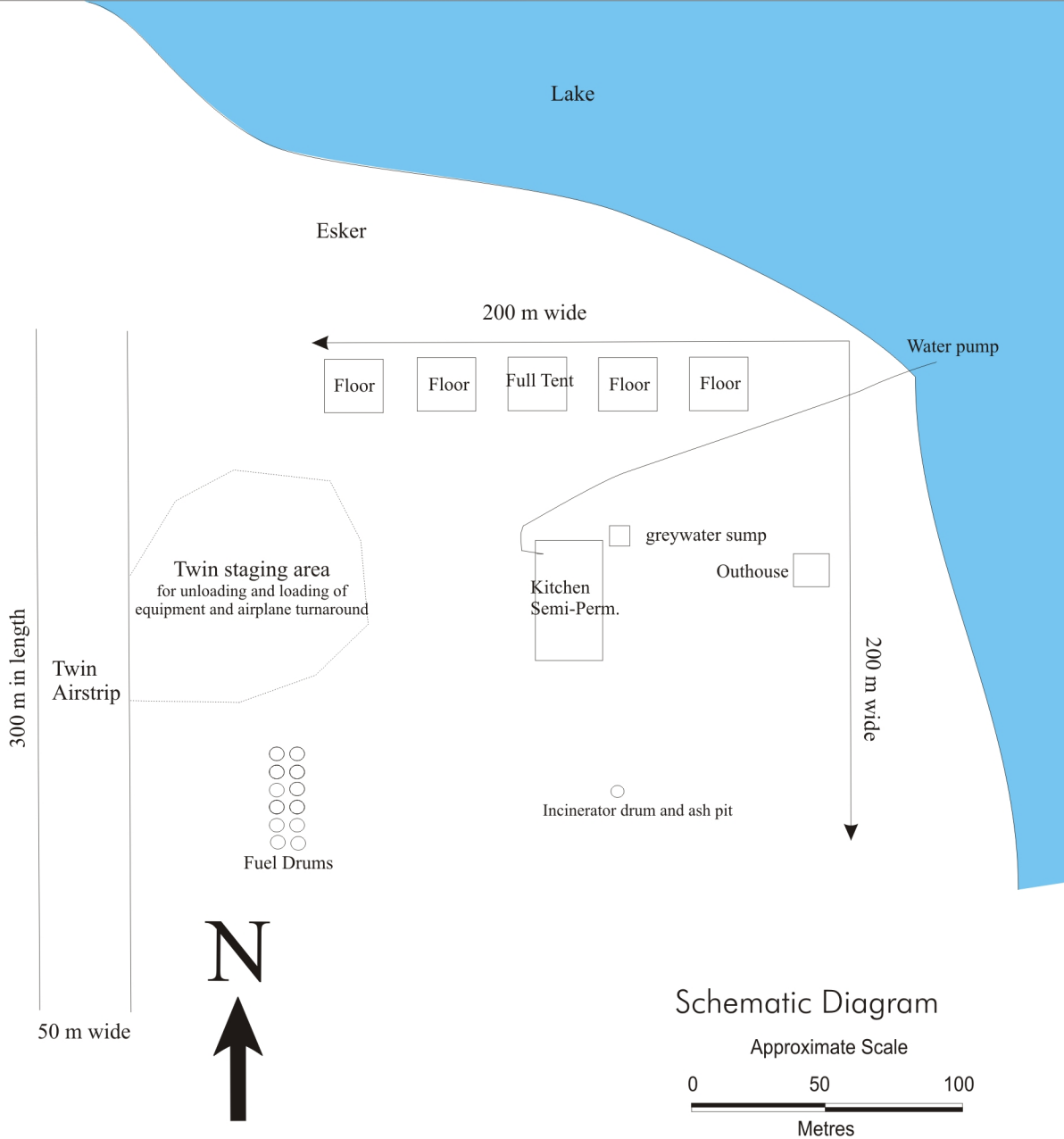
Alan Vosburgh, Camp Manager  
Eterrix Inc, Kingston, ONT K7P 2S6  
Cell: 613 389-3952  
Email: alanv@eterrix.com

Jo Price, Geologist,  
North Country Gold Corp, Edmonton, AB, T6E 5V8  
Office: 780 437-6624  
Cell: 780 953-5575  
Email: jop@cbrgoldcorp.com

Environment Canada 867-669-4728. 24-hr pager: 867-766-3737  
Nunavut Government, Robert Eno: 867-975-7748  
Kitikmeot Inuit Association – Stanley Anablak: 867-982-3310  
Department of Fisheries and Oceans: 867-669-4900  
Unaalik Aviation (Rankin Inlet, NU office): 867-645-2535  
Ookpik Aviation (Baker Lake, NU office): 867-793-4720  
Great Slave Helicopters (Yellowknife): 867-873-2533  
Water Inspector, Bryan Rayner: 867-982-4308  
INAC Field Ops, Peter Kusugak: 867-979-6445  
INAC Land Use Inspector: 867-982-4306

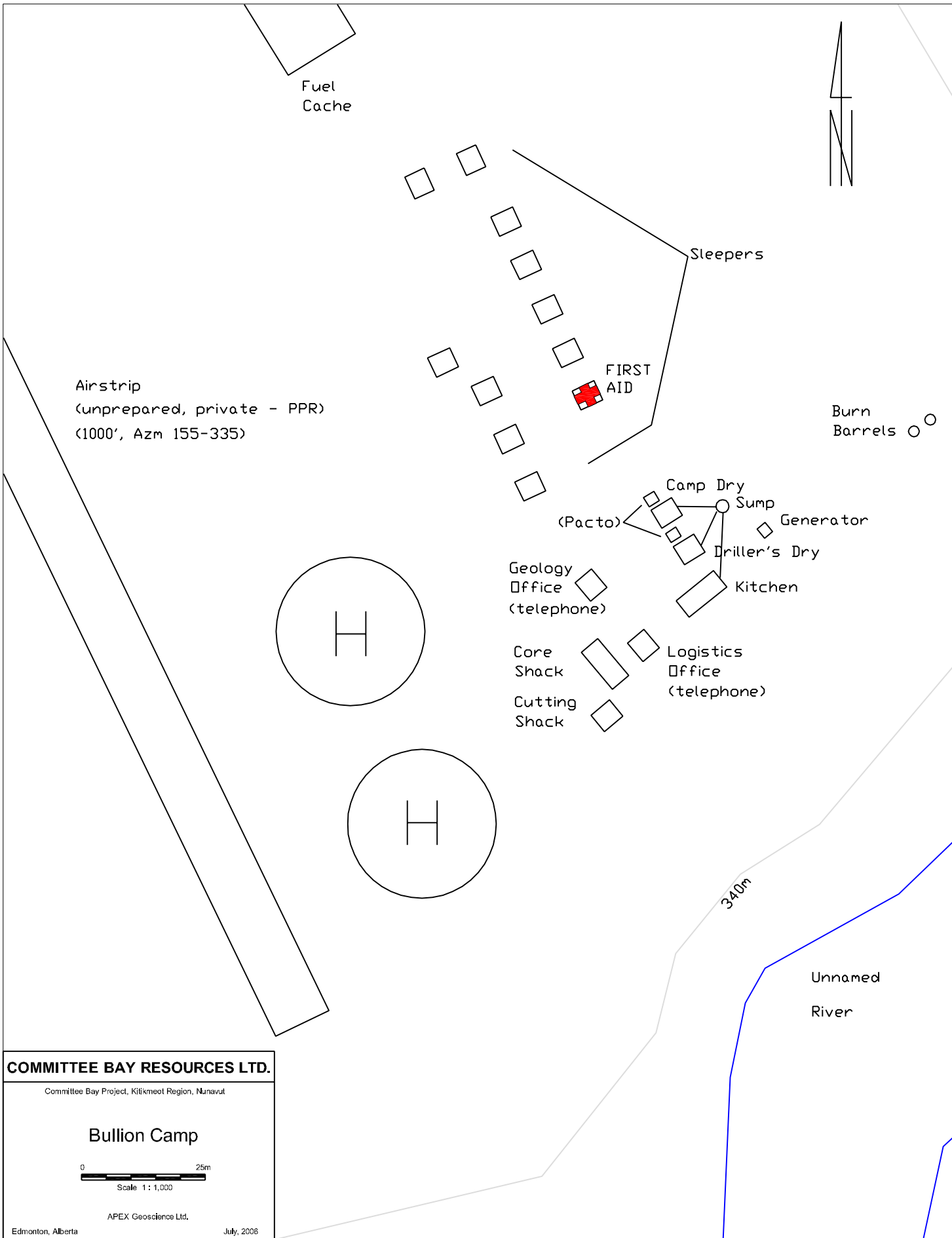


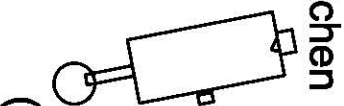
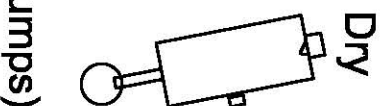
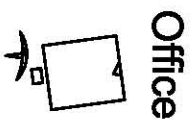
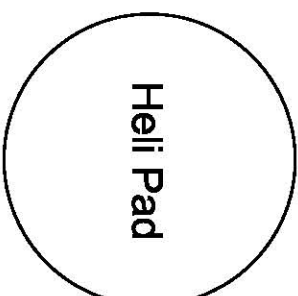
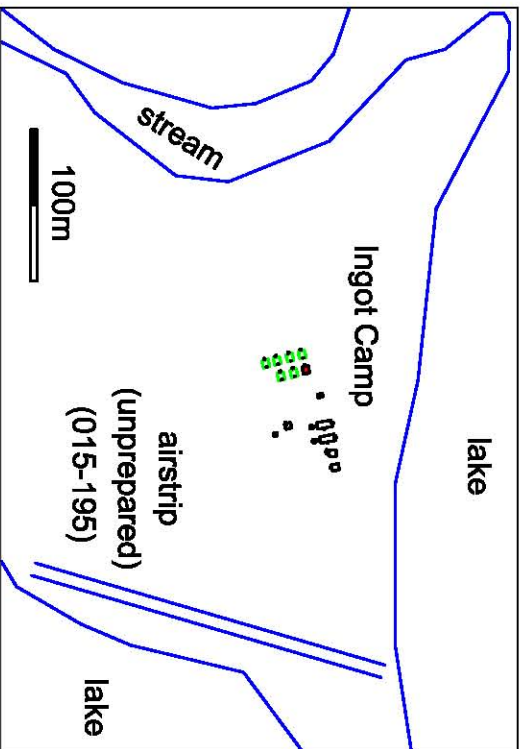




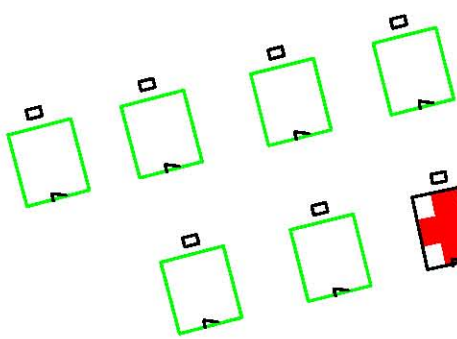
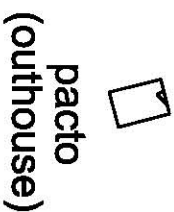
## Crater Lake Camp and Airstrip Layout

The camp is used for as a base for grassroots mineral exploration, with Twin Otter and/or helicopter support. The Camp and Airstrip were built in 1997 and has since been used intermittently during the summer exploration season. The airstrip is a natural gravel strip that was originally hand picked to remove larger boulders. No mechanically strip preparation was required for Twin Otters equipped with tundra tyres. Equipment (fuel, lumber, staking posts, etc) and personnel and crew members have been mobilised in and out of camp using the airstrip and/or helicopters.





(sumps)



☐ Tent (temp) - Canvas  
on Aluminum Frame

☐ Tent/Shack - Canvas on  
Wood Floor and Frame

☐ fuel  
drum

**COMMITTEE BAY RESOURCES LTD.**

Kitikmeot Region, Nunavut, Canada

**Ingot Camp**



APEx Geoscience Ltd.  
Edmonton, AB March 2007