

## MELVILLE PENINSULA – INGI LAKE AREA PROJECT DESCRIPTION

The proposed project in central Melville Peninsula is a continuation of the search for economic lead-zinc mineralization initiated by BHP Minerals during 1994-1996. The work includes general prospecting, geological mapping, possibly some ground geophysical surveys, and two diamond drill holes (approximately 250m each?). The time frame for the program is mid-July to the end of August 1998 although mid-August is more realistic. If successful a field program from late June to late August, 1999 will likely be proposed. The drilling is to be completed on the Ingi Lake claims (IN 1, 2, and 3, see attached maps) on crown land. The remainder of the work to be completed is predominantly groundwork consisting of prospecting, geological mapping, and possibly some ground geophysical surveys. The purpose of the surveys are to outline potential drill targets that could be tested in 1999 and involve the follow-up of old airborne conductors with coincident anomalous zinc geochemistry in what has been termed Area 14. Most of Area 14 is on Crown Land but the southwest end is within IOL RE-06 (Surface Rights).

The two proposed camp locations include one at Ingi Lake and the other near Nagvaak Lake, both of which were previously used by BHP. Re-using one of these camps will minimize ground disturbance and will be cleaned up/restored to its natural state upon completion of the summer work program. The Nagvaak camp is the preferred site for economic and safety reasons as a Twin Beach aircraft can land on the esker where the camp is located. Although no work is proposed in the immediate area surrounding the Nagvaak camp, the location is within the southeastern extremity of land package IOL RE-27 (Surface and Subsurface Rights). The camp is estimated to consist of 10-12 people for a 30-day period (300-360 man-days).

Hand dug pits at the camp are proposed for sewage and waste disposal with lime and javex as treatment for bacteria and odours. This should help reduce potential bear problems. All garbage is to be incinerated and any residue material will be packaged and back-hauled to a regulated land fill site.

Amount of water to be used in the camp will probably not exceed 1000 litres per day and treatment of grey water is described above.

The drill program is designed for two holes although if successful possibly more in the near vicinity (500m radius around first two holes). Water usage is estimated at 2000-3000 litres per day. The return water is recycled so that salt (if any) can be re-used but short holes generally only need hot water. Any drill additives used are natural, biodegradable products and environmentally friendly. Drill cuttings are filtered out at the drill site long before returning to the surface environment. The diamond drill is small and moved by helicopter. Drip pans and absorbent matting are used under all equipment and the camp and drill are supplied with 95-gallon spill kits. Every effort will be made to return the drill sites to their natural state after removal of all equipment.

Fuel caches are to be lined with impermeable tarps either in natural depressions or constructed berms. Absorbent matting will protect potential areas for leakage. In the unlikely event of a fuel spill both the drill site and camp are supplied with spill kits as previously mentioned and a copy of our spill response procedures is attached. Estimates for Jet B, diesel, and gasoline are 100, 50, and 1 drum (205 litre each) respectively and approximately 25 propane cylinders (100lbs each) will be needed for camp and drill.

As indicated on previous forms the bulk of the work is to be carried out on Crown land with some prospecting/geology/geophysics on IOL RE-06 and hopefully a camp on IOL RE-27.

The following is a list of coordinates for potential camp sites and proposed drill holes:

	<u>Latitude/Longitude</u>	<u>UTM</u>	<u>NTS</u>
Nagvaak Camp	67°29.0'N / 82°50.1'W	7486180N / 421560E (Zone 17)	46O/7
Ingi Lake Camp	67°04.6'N / 83°43.2'W	7442300N / 381830E (Zone 17)	46O/4
Drill Hole A	67°03.8'N / 83°42.0'W	7440885N / 382620E (Zone 17)	46O/4
Drill Hole B	67°05.1'N / 83°41.7'W	7443242N / 382928E (Zone 17)	46O/4