



ATTACHMENT: DESCRIPTION OF UNDERTAKING

- Cogema Resources Inc. has planned an exploration program for our Sissons Project, to commence on approximately June 27, 1997 and terminate approximately two (2) months later, on August 20, 1997. The Sissons Project is located in the Kivalliq District of the Northwest Territories (Nunavut), at approximately 80 km west of the Hamlet of Baker Lake (NTS 66/A, 64° 00'N and 97°50'W). This project is operated by Cogema Resources Inc. in Joint Venture with PNC Exploration (Canada) Company Ltd. and DAEWOO Corporation. The program planned for 1997 is primarily a diamond drilling program, to consist of 5000 meters to 6000 meters of diamond drilling, (16 -20 holes).
- Cogema's base camp for this program will be its Kiggavik camp, located at 64°25'N and 97°40'W. This camp will be comprised of various and well-separated wooden shacks. Cogema also has a core shack at Andrew Lake (64°20'N,97°52'W). Both of these locations are equipped with a water pump and fire hoses and all accommodation buildings have been equipped with functional smoke detectors and fire extinguishers of at least a 4kg capacity.
- The Cogema crew for this program will total approximately 10 people; the drilling crew approximately 9 people. Cogema personnel will work eight hours per day, while the drillers will work 12 hour shifts, as authorized by the Chief Inspector of Mines of the Northwest Territories Worker's Compensation Board.
- As mentioned, diamond drilling is an integral part of Cogema's ongoing exploration of the Sissons Project. The 1997 program will be an entirely helicopter-supported drilling program, i.e. drills and heavy equipment will be air lifted during moves. The drilling contractor, Bradley Brothers Ltd. of Quebec, intends to use two (2) Boyles 25 diamond drills (and related equipment), and a Bell 206 B helicopter will be supplied and operated by Custom Helicopters of Winnipeg, Manitoba. The diamond drill rigs function by means of a diesel motor, fueled from 205 liter drums by hand pump. Water for drilling is to be obtained from a nearby lake or stream, using a Bean 420 supply pump, also fueled from the 205 liter drums by hand pump. The water pumped down the drill holes, returns to the surface drill rig along with drilling mud and drill cuttings. This drill return water is pumped from the casing to a first settling tank



designed with a cone shaped base and exhaust system. At intervals dictated by the amount of drill cuttings generated (which will vary from hole to hole, depending on ground conditions), the tank is emptied into plastic bags resembling sausages. The drill cuttings are emptied from these plastic bags at the drill site if they are less than the cut-off radioactivity of 300cps with an SPP2. If weak mineralization or greater than 300cps on the SPP2 is read, the cuttings are emptied from the plastic bags into containers at the drill site and transported to a storage area at the Andrew Lake core shack.

- Water for the Kiggavik campsite is to be drawn from a small lake about 200 meters north of the camp, while water for the Andrew Lake cores shack area will be drawn from a small lake about 100 meters north of the working area. With respect to sewage treatment, 1) kitchen water (gray water) would run from the kitchen, west to a sump area where it would be allowed to seep and evaporate; 2) water from the dry (shower and wash facilities) would run south to a small swampy area where it would seep and evaporate; 3) sewage from the camp area is to be placed in heavy plastic/rubber garbage bins, flown to the dump area approximately 10 km to the east, and then burned with diesel fuel; 4) finally sewage from the outhouse at Andrew Lake would be buried, as required.
- Please note that Cogema exploration programs are always screened and monitored by the Atomic Energy Control Board (AECB). The AECB's particular concern is with the environmental and safety aspects of an operation. Cogema's proposed 1997 program has now been approved by the AECB. As well, this year as part of the processing of our Land Use Permit with the Department of Indian and Northern Affairs (DIAND), Cogema's proposed 1997 program was distributed to other federal departments, departments of the Government of the Northwest Territories, local communities and concerned native groups. We were recently informed by the Nunavut Impact Review Board (NIRB) that pursuant to this distribution, Cogema's program was accepted, meaning that it was concluded by all parties concerned that any potentially adverse effects of our program are not significant and mitigative with known technology and compliance with the terms and conditions of the issued Land Use Permit. As in the past, Cogema would fully comply with all such terms and conditions. Enclosed for your information are the said outlined terms and conditions that Cogema would incorporate into the program.