

This is a detailed work plan for Tanqueray Resources Ltd. Baker Lake Project water use application (2006)

1. The project is at an early stage of exploration with only prospecting and rock sampling, soil geochemistry, fixed wing airborne surveys and 12 test drill holes completed to date. Work during 2005 was completed by operating from our Thom Lake camp, built in the beginning of the 2005 field season. This application is requested solely for the purposes of drilling on crown land for which we have a current license (N2005C0017). Camp activity is conducted on Inuit Owned Lands, for which we also have a current land use and water use license.
2. Exploration Schedule:
  - 2.1. May 2006; Airborne EM or IP Survey
  - 2.2. May – June 2006; Diamond drilling prospecting, geological sampling and mapping.
  - 2.3. June-July 2006; Detailed Soil Geochemistry over small areas near drill targets.
  - 2.4. August 2006; camp break, possibly more drilling, dependant on results.
  - 2.5. September 2006; close down camp.
  - 2.6. April 2007 begin exploration subject to previous year's results.
3. Find enclosed a map of the camp location and proposed drill site locations.
4. Equipment List:
  - 4.1. Helicopter; Bell 206B and 206L
  - 4.2. Boyles 25a diamond drilling rig
5. Fuel requirements are approximate and can fluctuate during the program timeline but should not exceed the amounts on site as listed:
  - 5.1. Jet fuel for helicopter – To be determined
  - 5.2. 50 x 45 gallon barrels of diesel fuel for diamond drill
  - 5.3. Fuel transfer to be completed by wobble pump
6. Fuel contingency plan will be the use of natural berms and dikes at site of storage. Location of fuel will be stored at a minimum distance of 200 meters from any drainage or lake. If requested bioremediation will be implemented. It is understood that any spillage is not acceptable but it is anticipated that if a spillage occurs it will most likely be small because of the small individual containers being used for the storage and appropriate material will be on site for clean up.
7. Transportation required for all exploration activity, including the transport of the drill rig and fuel will be performed using a helicopter.
8. To the best of my knowledge project location is devoid of any major calving, post calving, staging or migratory pathways. It is understood that some component of environmental concern may arise and if necessary the drill will be in the position to stop work until the situation is rectified. In the case of environmentally sensitive sites these will be identified and preserved in its natural state.

9. In the case of wildlife being identified in the area all precautions will be taken to avoid any sort of encounter or conflict with it. It is understood that some sort of soil and vegetation damage can occur around the immediate vicinity of the camp. This damage will be kept to a minimum and walk ways will be employed where extensive damage by heavy use could occur. Drill site damage will be kept to a minimum by employing best practices and the use of benign fluids. No drilling on lakes will occur.
10. With the deployment of a transportable drill rig it is anticipated that any reclamation at the end of projects activities will be minimum whereupon all structures and containers can be moved off in future winter months. If required rehabilitation and or re-establishment of damage overburden, flora and soil will be done according to existing standards.
11. Employment for camp maintenance, core splitting and geological, geophysical field assistants will be hired from Baker Lake. Food, fuel, expediting and local fix wing requirements will be sourced from the town as well. Social and economic benefits will occur through the training and hire of the local population to work for the company during the programs operating time line. In addition the use of local accommodation when crew members are traveling to and from camp and all camp requirements that are available from the local suppliers will be first sourced at Baker Lake. It is to be noted that the author has spent years working in Nunavut and have always and will continue to encourage direct interaction with the local population at all levels the company can offer. In the past I have been directly involved in teaching prospecting courses to people from Baker Lake, Rankin Inlet and Arviat and have been a strong proponent in utilizing local population in all capacities. This has proven to be very successful for the projects but also financially wise because of the expertise that is in the hamlets can offer many advantages to the overall program operations.

## Material Safety Data Sheet / Fiche signalétique

**WESTCOAST DRILLING SUPPLIES LTD.**  
8069 River Way, Delta, British Columbia,  
Canada V4G 1L3  
Ph. (604) 940-6050 Fax (604) 940-6080

EMERGENCY 1-800-665-6645

**SECTION I: IDENTIFICATION OF PRODUCT**

**PRODUCT NAME:** **550X POLYMER**  
**CHEMICAL FAMILY:** Copolymer of Acrylamide and Sodium Acrylate  
**PRODUCT USE:** Drilling Mud Additive  
**WHMIS CLASSIFICATION:** Not a Controlled Product under WHMIS  
**WORK PLACE HAZARD:** Not applicable

**TRANSPORTATION OF DANGEROUS GOODS (TDGR)**

**CLASSIFICATION:** Not applicable  
**PACKAGE GROUP:** Not applicable  
**PRODUCT IDENTIFICATION NUMBER (PIN):** Not applicable

**SECTION II: HAZARDOUS INGREDIENTS**

| INGREDIENT               | PERCENTAGE | CAS NUMBER | LD50 | LC50 |
|--------------------------|------------|------------|------|------|
| No Hazardous Ingredients |            |            |      |      |

**SECTION III: TOXICOLOGICAL PROPERTIES****ROUTE OF ENTRY:**

[ ] Skin, [ ] Eye Contact, [XXX] Inhalation, [ ] Ingestion

**SKIN CONTACT:** Prolonged contact may cause skin irritation or dermatitis in some individuals.  
**EYE CONTACT:** May cause irritation.  
**INHALATION:** May cause sneezing, slight irritation of nose and throat.  
**INGESTION:** Not available  
**EFFECTS OF ACUTE EXPOSURE:** Not available  
**EFFECTS OF CHRONIC EXPOSURE:** Not available

**SECTION IV: FIRST AID MEASURES**

**SKIN CONTACT:** Wash exposed area with soap and water. If irritation or abnormalities persist, call a physician.  
**EYE CONTACT:** Immediately flush eyes with water for fifteen (15) minutes and call a physician.  
**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.  
**INGESTION:** Do not induce vomiting. If conscious, dilute by giving two glasses of water. Call a physician immediately.

**SECTION V: PHYSICAL DATA**

**APPEARANCE AND ODOR:** White granular solid; faint odor  
**DENSITY (SPECIFIC GRAVITY):** 0.80  
**BOILING POINT:** Decomposes  
**MELTING POINT:** Not applicable  
**WATER SOLUBILITY:** Soluble  
**% VOLATILE BY VOLUME:** Not applicable  
**EVAPORATION RATE:** Not applicable  
**VAPOR PRESSURE (mm Hg):** Very low  
**VAPOR DENSITY (Air = 1):** Not applicable

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Phone: (604) 940-8050 Fax: (604) 940-8080

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**550X POLYMER**

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**SECTION VI: FIRE AND EXPLOSION HAZARD DATA**

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|                                     |  |
|-------------------------------------|--|
| FLASH POINT:                        | Not applicable   |
| FLAMMABLE LIMIT:                    | Not applicable   |
| EXTINGUISHING MEDIA:                | Dry chemical, foam, CO <sub>2</sub>                                  |
| SPECIAL FIRE FIGHTING PROCEDURES:   | Use self-contained respirators for fire fighting personnel.          |
| UNUSUAL FIRE AND EXPLOSION HAZARDS: | Oxides of carbon and nitrogen and products of incomplete combustion. |

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**SECTION VII: REACTIVITY DATA**

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STABLE [XXX] INSTABLE [ ]

INCOMPATIBILITY (CONDITIONS TO AVOID): Strong oxidizing agents and caustic solutions.

HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable

HAZARDOUS POLYMERIZATION: Will not occur [XXX] May occur [ ]

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**SECTION VIII: PREVENTATIVE MEASURES**

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|                             |  |
|-----------------------------|--|
| RESPIRATORY PROTECTION:     | Suggest NIOSH/MESA approved dust mask. |
| VENTILATION:                | Ten (10) changes per hour suggested.   |
| PROTECTIVE GLOVES:          | Suggest plastic or rubber.             |
| EYE PROTECTION:             | Suggest goggles.                       |
| OTHER PROTECTIVE EQUIPMENT: | Suggest rubber apron.                  |

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Avoid prolonged or frequent contact when handling material. Do not inhale dust or breathe vapor. Keep container closed when not in use. Store in a cool and dry location away from oxidizing and reducing agents.

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:**

Ventilate area. Wear rubber boots, gloves and a self contained breathing apparatus if ventilation is not adequate. Collect into a waste container. Avoid raising dust. Wash spill site after material pick-up. Water solutions are very slippery. May constitute a hazard following a spill.

**WASTE DISPOSAL METHOD:**

Dispose of waste according to federal, provincial and local regulations.

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**SECTION IX: PREPARATION**

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The information contained herein is given in good faith, but no warranty, expressed or implied is made.

DATE ISSUED: January 1, 1991

DATE REVISED: April 1, 2000

BY: Product Safety Committees

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**AMENDMENT**  
**HAZARDOUS INGREDIENTS (550X)**

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| Material or component            | WT%    Hazard data       |
|----------------------------------|--------------------------|
| COPOLYACRYLAMIDE/SODIUM ACRYLATE | Not considered hazardous |

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**ENVIRONMENTAL**

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|                                      |  |
|--------------------------------------|--|
| DEGRADABILITY/AQUATIC TOXICITY:      | Not determined   |
| OCTANOL/WATER PARTITION COEFFICIENT: | Not determined   |
| WASTE DISPOSAL METHODS:              | Incineration and/or disposal in Chemical Landfill. Disposer must comply with federal, provincial and local disposal or discharge laws. |

|  |                          |
|--|--------------------------|
| RCRA STATUS OF UNUSED MATERIAL IF DISCARDED: | Not a "Hazardous Waste". |
| HAZARDOUS WASTE NUMBER:                      | Not available            |

|                                   |                                |                |
|-----------------------------------|--------------------------------|----------------|
| REPORTABLE QUANTITY:              | EPA 40 CFR (CERCLA 102):       | Not applicable |
| THRESHOLD PLANNING QUANTITY:      | EPA 40 CFR 355 (SERA 301-304): | Not applicable |
| TOXIC CHEMICAL RELEASE REPORTING: | EPA 40 CFR 372 (SERA 311-313): | Not applicable |

|                                 |             |               |
|---------------------------------|-------------|---------------|
| EPA HAZARD CLASSIFICATION CODE: | ACUTE - YES | CHRONIC - NO  |
|                                 | FIRE - NO   | PRESSURE - NO |
|                                 |             | REACTIVE - NO |

|                        |                |                |
|------------------------|----------------|----------------|
| HMIS AND NFPA RATINGS: | HMIS           | NFPA           |
| HEALTH                 | 1              | 1              |
| FLAMMABILITY           | 0              | 0              |
| REACTIVITY             | 1              | 1              |
| SPECIAL                | Not applicable | Not applicable |