

**Project Description - 2006**  
**West Kitikmeot Project – Tree River Area,**  
**West Kitikmeot Region, Nunavut**

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## **1.0 Introduction**

Strongbow Exploration Inc.'s ("Strongbow") Tree River project is located approximately 140 km southeast of Kugluktuk. Project properties consist of 13,590 hectares of land, comprised of Inuit Owned Lands (IOL) parcel CO-69 and mineral claims VT1, VT2, VT16 to VT21 inclusive and, pending approval, claims CM1 to CM7. The mineral claims tie onto the east boundary of CO-69 and are subject to Crown (Federal) surface rights. Strongbow's right to explore CO-69 is governed by Mineral Exploration Agreement STBW-03-01 signed with Nunavut Tunngavik Incorporated (NTI) in March 2003.

The project area was relatively unexplored until the 1990's when BHP Minerals Ltd. conducted a limited amount of prospecting and bedrock mapping. The Tree River project encompasses bedrock formations that are prospective for both gold and base metal mineralization. In 2004 and 2005 Strongbow identified significant trends of anomalous gold mineralization associated with a quartz arenite and conglomerate horizon. In 2006, Strongbow proposes to conduct a ground based exploration program to further evaluate the potential for gold mineralization both in areas of known showings and in lesser explored parts of the property.

## **2.0 Proposed Program**

### *Timing and General Description*

The first phase of proposed exploration program ('Phase I') will be conducted between early July and mid-August 2006 over period of a few days to two weeks. The exact timing and nature of Strongbow's field program has not yet been finalized. If the results from Phase I exploration warrant further work, a second phase of exploration ('Phase II') may be conducted in 2006 or 2007. The Phase II exploration areas and targets will be contingent upon results of Phase I exploration.

Phase I work will be conducted over a few days to two week period by a team of 4 to 6 geologists in the summer of 2006. The Phase I program may include mapping, prospecting, channel sampling and soil sampling. The primary objective will be to further evaluate the potential for gold mineralization on the property, however, secondary objectives include evaluating the potential for base metal and diamond mineralization. A particular emphasis will be placed on mapping and prospecting for outcropping exposures of quartz arenite and conglomerate similar to areas sampled by Strongbow in 2004.

Specific target sites for ground-based field work are being finalized but will mostly likely focus on the VT claims, immediately east of CO-69. Other work may also be conducted within CO-69, immediately to the northwest and north of the VT claims.

Mobilization, demobilization and support will probably be provided a combination of fixed wing planes on float or helicopter. The contractor for air services has not yet been established. It is anticipated that any helicopter support will be based out of an established camp or the Lupin mine site and utilized on an as needed basis only (i.e. food supplies, mobilization, etc...). This means there will be no need to store or have on site any Jet B fuel drums.

The main focus of the 2005 program will involve reconnaissance scale mapping, prospecting and soil sampling. Bedrock mapping will involve daily traverses on foot, cataloguing bedrock formations within the area with the aid of air photos and satellite images. Prospecting will entail collection of rock samples which will generally fall in the range of 1 to 5 kilogram each. Soil samples will generally be small and weigh 0.5 kg or less. Some channel sampling with a rock saw may be conducted if new rock outcrops of interest are located. Channel samples will be cut from exposed bedrock using a circular saw with a diamond studded blade. The channels are generally 5 to 10 cm wide, 2 to 4 cm deep and may range from 0.5 m to about 20 m in length but would typically extend over only a few metres. Given the small scope of the program it is unlikely that more than about 6 channels totally about 40 m in length could be cut. Approximately 80 individual channel samples would be obtained from 40 m of cut channels. Grab samples collected from prospecting and mapping would likely not exceed 100. Soil samples collected would probably not exceed 400.

Dependant on results of the Phase I program, a second phase exploration program including limited exploration drilling and further mapping, prospecting/sampling may be considered for late summer or fall of 2006 or in 2007. The drilling program is entirely contingent upon receiving favourable results from the Phase I program. If drilling was warranted it would be conducted summer or fall of 2006 or 2007 for land-based targets or as a spring program in 2007 for lake-based targets. The entire Phase II program would be anticipated to run for approximately 4-6 weeks. The drill used for these programs would be probably a Boyles 25 or equivalent with drill moves and crew changes accomplished using a Hughes 500 helicopter or comparable helicopter. Drilling sludges will be stored in sumps and later buried. Garbage will be collected and returned to camp daily for incineration. Non-combustible garbage will be flown out from site for proper disposal.

### *Camp*

Accommodations for Phase I will be minimal, sufficient to accommodate up to about 6 people over a few days to two weeks. Pup tents will be used as sleeping quarters and a larger, possibly weather haven style tent would be erected to serve as a kitchen and office space. Four fly camp locations are proposed although it is unlikely that more than three of these locations will actually be used. The proposed fly camp sites have been selected from a map and have not been visited, therefore, if there are problems with access or unsuitable ground conditions at the proposed locations they may have to be modified at the time of mobilization. The KIA will be notified as soon as possible if the proposed camp locations are modified.

The four proposed fly camp locations are as follows:

	Longitude	Latitude
Fly camp 1	112° 08' 11.9" W,	67° 11' 59.1" N
Fly camp 2	112° 11' 16.0" W,	67° 11' 33.4" N
Fly camp 3	112° 12' 30.8" W,	67° 08' 02.9" N
Fly camp 4	112° 10' 42.3" W,	67° 06' 40.7" N

The Phase II program will involve establishing a temporary exploration camp, however the exact location of this camp will only be determined after the program has been planned. The appropriate authorities and regulatory bodies will be notified of the final camp placement. A Phase II program would involve diamond drilling, the camp would consist of six or nine 14'x16' Jutland-style tents with wooden floors and frames (1 kitchen, 1 dry, 1 office, 1 logging tent and 2 to 4 sleeping tents. All sewage and grey-water will be buried in pits, and garbage will be incinerated daily in burn barrels. Scrap metal and other non-combustible garbage will be collected and flown south for appropriate disposal, likely in Yellowknife, both during the program and as part of the demobilisation from site at the end of the program. Empty fuel drums and other remaining equipment from the present program will be removed from site at the end of the land use operation.

### *Fuel*

Fuel requirements for the Phase I exploration program are extremely minimal as the building of an exploration camp or helicopter for field work use will not be involved. It will only consist of small propane tanks required for cooking, possibly up to 2 drums of diesel for camp purposes and up to 2 drums of Jet B drums for helicopter support. If the Phase II program occurs, an estimation of fuel consumption based on 10 short drill holes (< 200 m each) would increase requirements to approximately 60 drums of Jet B, 4 drums diesel (800 l; for camp), and approximately six 100 lb propane tanks (for cooking and drill support). Fuel on the property will be staged such that enough fuel is present at any given time to meet short term requirements; all empty drums will be backhauled on regular camp support. Fuel will be stored and used as per Strongbow's Spill contingency plan (attached). Small fuel caches of diesel and Jet B fuel (4-6 drums) may be located on the property support the drill. Such caches will be located the requisite distance from the high water mark and their locations will be registered with the appropriate authority.

### *Wildlife*

All exploration sites, including any camp and/or drill sites will be kept as clean as possible in order to limit the potential of attracting wildlife. To reduce the chances for bear/human interaction the guidelines will be followed that were established in the GNWT Renewable Resources pamphlets 'Safety in Grizzly and Black Bear country' and 'Black Bears and Grizzlies of the NWT'. To avoid disturbance of caribou and nesting birds, all contract aircraft (helicopters and fixed-wing) will fly at altitudes of greater than 300 m above ground level whenever possible.

### *Reclamation*

Upon completion of the land use operation, all materials (drill, tents, pumps, fuel barrels, etc.) will be removed from the site. The wooden tent floors will be burned and buried and the sumps and sewage pits will be filled in. After the clean up has been completed there will be little or no indication of the previous land use operation. Strongbow will notify the KIA Land Administration if any additional evidence for undocumented previous land use activities is encountered. Strongbow will endeavour to assist in properly disposing of waste from such sites within the scope and capacity of the proposed program.