## Non-Technical Summary for the Itchen Lake and Contwoyto Lake Property

Prepared by APEX Geoscience Ltd. on Behalf of HTX Minerals Corporation. April, 2013

#### 1. Introduction

HTX Minerals Corporation (HTX) is a mineral exploration company proposing an exploration program for the Itchen Lake and Contwoyto Lake Property. Historic exploration in the Itchen Lake area has shown to be prospective for gold mineralization. Historical regional exploration in the area of the Contwoyto Lake Property has shown the area to be prospective for diamondiferous kimberlites. HTX proposes to conduct an exploration program to include mapping, prospecting, geochemical sampling, airborne and ground geophysical surveys and drilling to define the economic gold potential of the Itchen Lake Property and the diamond potential of the Contwoyto Lake Property. The 2013 exploration program is anticipated to start in July and continue until late October (weather permitting). Similar annual programs are anticipated to be completed over the next several years. The 2013 field program will be facilitated by a 10-15 (up to a maximum 20) person exploration camp.

#### 2. Location and Ownership

The Itchen Lake Property consists of 19 claims, covering 19,836 hectares; registered in the name of HTX Minerals corp. The Contwoyto Lake Property encompasses the entire area of the KIA administered Article 41 lands parcel. HTX has entered into a Alliance Agreement with Nunavut Resources Corporation (NRC), an Inuit-owned resources corporation that strategically invests in resource projects in the Kitikmeot region of Nunavut. The Itchen Lake Property straddles the Nunavut/Northwest Territories (NU/NT) border, and lies north and adjacent to Itchen Lake. The Itch 1-3 claims lie within the NT and claims 4-19 lie within the Kitikmeot region of NU. The Property is located approximately 270 km southeast of Kugluktuk and 230 km southwest of Bathurst Inlet. See the attached Figure 1, "2013 Itchen Lake Proposed Exploration Program," for location of the Itchen Lake Claims. The Contwoyto Property lies within the Northwest Territories just south of the Nunavut border. It is approximately 200 km northeast of the community of Wek Weèti (NT) and 200 km southwest of Bathurst Inlet (NU) and 90 km southeast of the Itchen lake Property. See the attached Figure 2, "2013 Contwoyto Lake Proposed Exploration Program," for location of the Contwoyto Property.

### 3. Project Activities

In 2013, HTX proposes to conduct an exploration program on the Itchen Lake and Contwoyto Lake Property, which will include mapping, prospecting, geochemical sampling, airborne and ground geophysical surveys and drilling to define the economic gold potential of the Itchen Lake Property and the diamond potential of the Contwoyto Lake Property. The 2013 program is anticipated to start in July and continue until late October (weather permitting). The 2013 exploration drilling will consist of up to 12 diamond drillholes within approximately 8 sites on the Itchen Lake Property and 1-2 drill holes on the Contwoyto Property, which will be facilitated by the construction of a 10-15 (maximum 20) person exploration camp at the Itchen Lake Property.

The overall water usage anticipated for the 2013 Exploration Program, will be approximately 60 m<sup>3</sup> per day. The camp is expected to draw a maximum of 25 m<sup>3</sup> per day from Leanne Lake and the drill will use up to 35m<sup>3</sup> per day from the numerous sources.

### 4. Transportation and Camp Structures

A proposed camp with the capacity for 10-15 people with the ability to house up to a maximum 20 people will be constructed on a large esker just northeast of Leanne Lake on the Itchen Lake Property. Camp structures will include wood and canvas tents with 4-5 sleepers, medical tent, common area/office, kitchen, dry, core processing shack, generator housing, and 2 outhouses (or small pacto waste units). See the attached Figure 3, "Itchen Lake Property Proposed Camp," for an illustration of the proposed camp layout.

Transportation of personnel and equipment to and from camp will be by fixed wing (Twin Otter) from Yellowknife. The fixed wing can land near the camp on the esker and therefore no airstrip or road construction is necessary. Transportation of personnel and equipment around the Itchen Lake and Contwoyto Lake Property will be by helicopter. All-terrain vehicles and/or snowmobiles may also be utilized in the program, especially for safety of the drillers/helpers if the helicopter cannot fly (ie. too dark out).

# 5. Environmental Concerns

Environmental impacts of the exploration program will be minimal as the Properties are in a "grass-roots" exploration phase and all efforts will be made to guard against environmental harm. All drill fluids will be recycled wherever possible, but be disposed of into a sump, or a naturally occurring, contained depression located a minimum 30 m from any waterbody. When completed, all sumps for drilling or camp will be restored to the natural surrounding conditions.

With the completion of each hole, drill casing will be removed or cut down to ground level if it cannot be removed. If artisanal water flows from the drill hole, it will be plugged and cemented in bedrock prior to the removal of the drill stem to prevent continued flow. All equipment, supplies and fuels will be removed from the drill site and the project manager will inspect each site to ensure proper restoration.

All non-combustible garbage will be removed from the site and flown to Yellowknife for disposal. All sewage will be deposited into a sump (outhouse) or removed from the site and flown to Yellowknife for disposal. Camp grey water (ie. kitchen, showers) will be contained in sump located a minimum 30 m from any waterbody.

Approximately 150 drums of diesel and 120 drums of aviation fuel will be required for the 2013 exploration program. All chemicals and fuels will be stored within secondary containment located a minimum 30 m from any waterbody. All locations of chemicals and fuels will have appropriate spill kits and fire-fighting equipment (such as extinguishers) nearby.

All wildlife, and their dwelling sites, will be respected and efforts will be made to avoid them. HTX and all contracted personnel will record all wildlife sightings. Any archeological sites will be left undisturbed and immediately reported to the proper authorities. No significant transboundary impacts are expected.

## 6. Socio-Economic Benefits and Forward Looking Statements

HTX Minerals Corporation plans conduct community consultations this year and further information will be available after the community visits. HTX will endeavor to hire local Inuit for seasonal camp and core processing duties, as well as utilizing local business whenever possible. The development of a resource will generate jobs for the local population and will contribute to the local economy in a responsible way.





