

July 20, 2007

Whitehorse Copper Subdivision Well Testing Synopsis

This provides a brief synopsis of well testing statements from the EBA Engineering report: *Whitehorse Copper Subdivision Hydrogeological Assessment for Water Supply – Draft July 2007* and the *July 19, 2007 Technical Memo*.

EBA Engineering Consultants Ltd. were hired to coordinate and supervise a test well drilling program for the Whitehorse Copper Subdivision. Five wells were drilled. Below is some key information from the five well tests.

Test wells **TW06-01**, **TW06-03** and **TW06-04**, drilled in the rock formation *Miles Canyon Basalt* (green area on map) all produced safe sustainable yields of water; meeting the Canadian Drinking Water Quality Guidelines for health.

Iron and manganese present in wells TW06-01 and TW06-04 may exceed the aesthetic objectives at some locations.

Test Wells **TW06-02** and **TW06-05** were drilled in the rock formation *Whitehorse Batholith Granodiorite* (orange area on map) and the EBA report says that drilling in this rock formation has a lower potential for establishing successful wells.

Test wells TW06-02 and TW06-05 located a sustainable yield of water at a depth of 61 meters (200 feet). Water quality tests for these two wells display a presence of uranium above the Canadian Drinking Water Quality Guidelines for health. This is interpreted to be a naturally occurring presence but the water from these wells should not be consumed or used for cooking without prior treatment.

The EBA Report identifies treatment options such as installing a point of use Reverse Osmosis system or an anion exchange system.

Purchasers of lots in the vicinity of test wells TW06-02 and TW06-05 may wish to consider the same treatment options as recommended in the *EBA July 19 Technical Memo*.

Applicants are requested to read the EBA reports for more information. The EBA Engineering reports remain the paramount documents for information.

Also, please use the contact information in your application package for the Lands Branch and the Community Infrastructure Branch if you have any additional questions.