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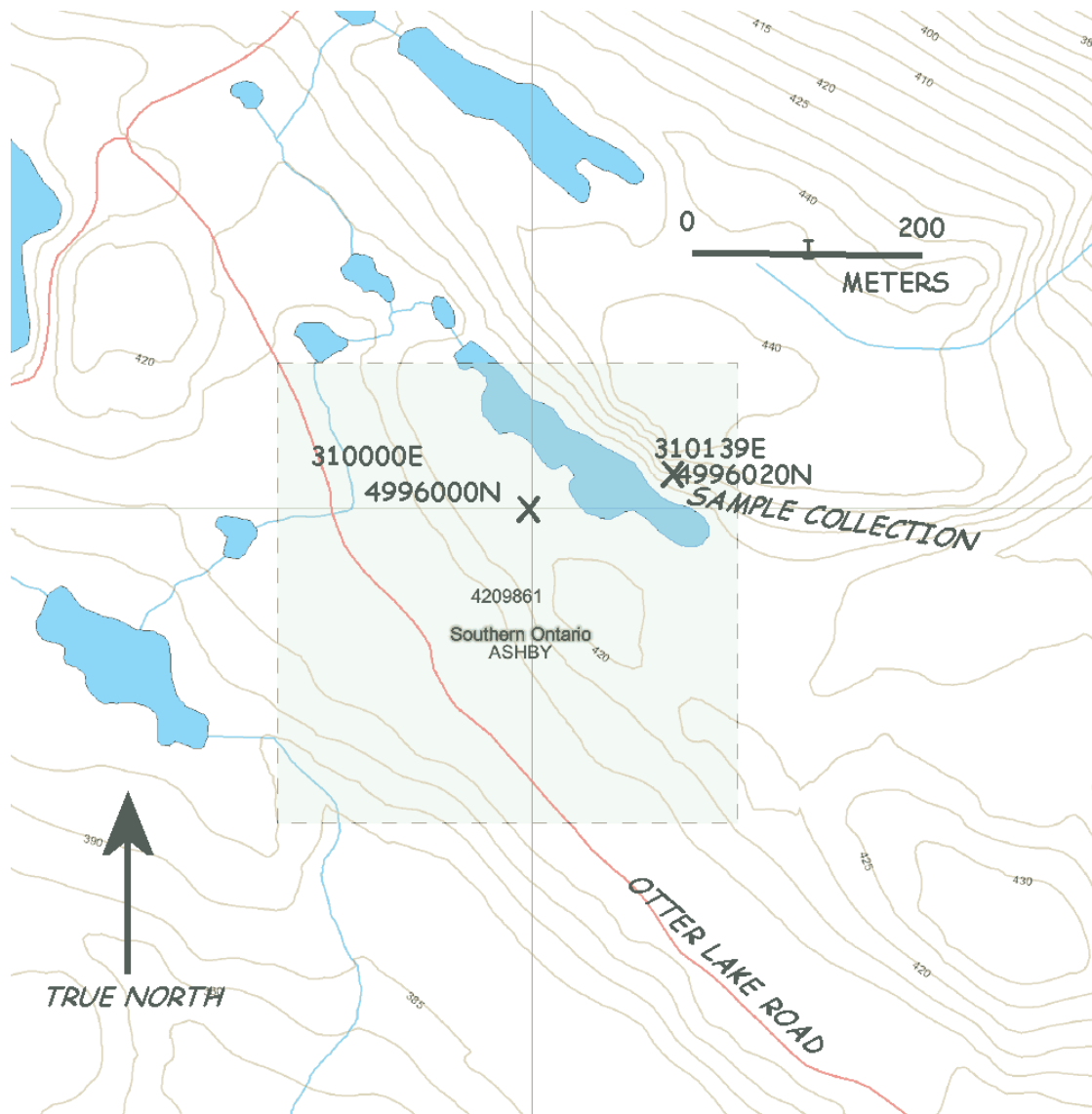
**Report on Grab Sampling**  
**Claim 4209861**  
**Ashby Township: Southern Ontario Mining Division**  
**22 Sept 2015**  
**Work and Report by Robert D. Lawrence**  
**LIC 1002228, CLN 402122**  
**REPORT DATE: 20 JULY 2016**

**SUMMARY**

During a fishing trip to a lake close to my claim, I took the time to collect some rock fragments and gravel from the shoreline of the pond on the northeast section of my claim. I did not examine the samples until 13 July of 2016. The results of examination are below.

**CLAIM OVERVIEW**

Claim 4209861 is located in the center of Ashby Township in Eastern Ontario. The UTM POSITION 18T:310000E/4996000N is in the center of the claim. The claim can be reached from Ferguson Corners on Highway 41. This is 54 km north of the town of Kaladar at the intersection of Highway 7 and Highway 41. From Ferguson Corners one must follow the Ashby Lake Road 2km west to the Otter Lake Road and then travel 12km northwest to the claim. If there is logging in process the Otter Lake Road remains open in the winter - otherwise it is a Snowmobile Trail.



**CLAIM 4209861 AND SAMPLE COLLECTION SITE**

**SAMPLES**

The samples were all taken at UTM location 18T 310139E, 4996020N at the edge of a small narrow pond at the base of granite wall.



GRAVEL LARGER THAN 2 cm X-SECTION. LARGEST PIECES ARE ABOUT 5cm.



PEGMATITE FRAGMENTS. MAX X-SECTION ABOUT 4 cm.





GRAVEL BETWEEN 0.5 AND 2.0 cm



GRAVEL SELECTED FOR COLOR. CARD IS 8 cm WIDE  
THE TAN COLORED PEBBLES ARE PIECES OF CRUSTED PEGMATITE





FRIABLE SANDSTONE and dead bee



THE TWO LARGEST GRAVEL PIECES: ONE PROVES TO BE HARD GRANODIORITE AND THE OTHER SANDSTONE.





PIECE OF PEGMATITE. THE NZ \$2 COIN IS APPROX 2cm IN DIAMETER.  
THE CRYSTAL IS PROBABLY SPHALERITE.



FRIABLE BLACK GRAVEL: MAGNETIC



SAME GRAVEL ON MAGNET. (MAGNET IS 25 mm IN DIAMETER)

#### CONCLUSIONS

I am doubtful that any of the rocks contained gold or were kimberlite. The magnetic pebbles seem to be accreted magnetic sand grains. I would like to find larger samples in a location that is more stable than a pond's edge. The purple crystals in the pegmatite are probably sphalerite.

B. D. P. - -

Robert D. Lawrence BSc

20 JULY 2016

### **TOPOGRAPHY AND VEGETATION**

Ridges and valleys run northwest-southeast. The elevation of the hill at the claim's northeast corner is approximately 450 meters while the valley at the southwest corner is about 380 meters. There is a small narrow lake (250 meters X 50 meters) in the northeast quarter of the claim. The lake's northeast shore is a steep granite rock face of about 50 meters height. Water flows out to the northwest, but some small amount overflows from the southeast end.

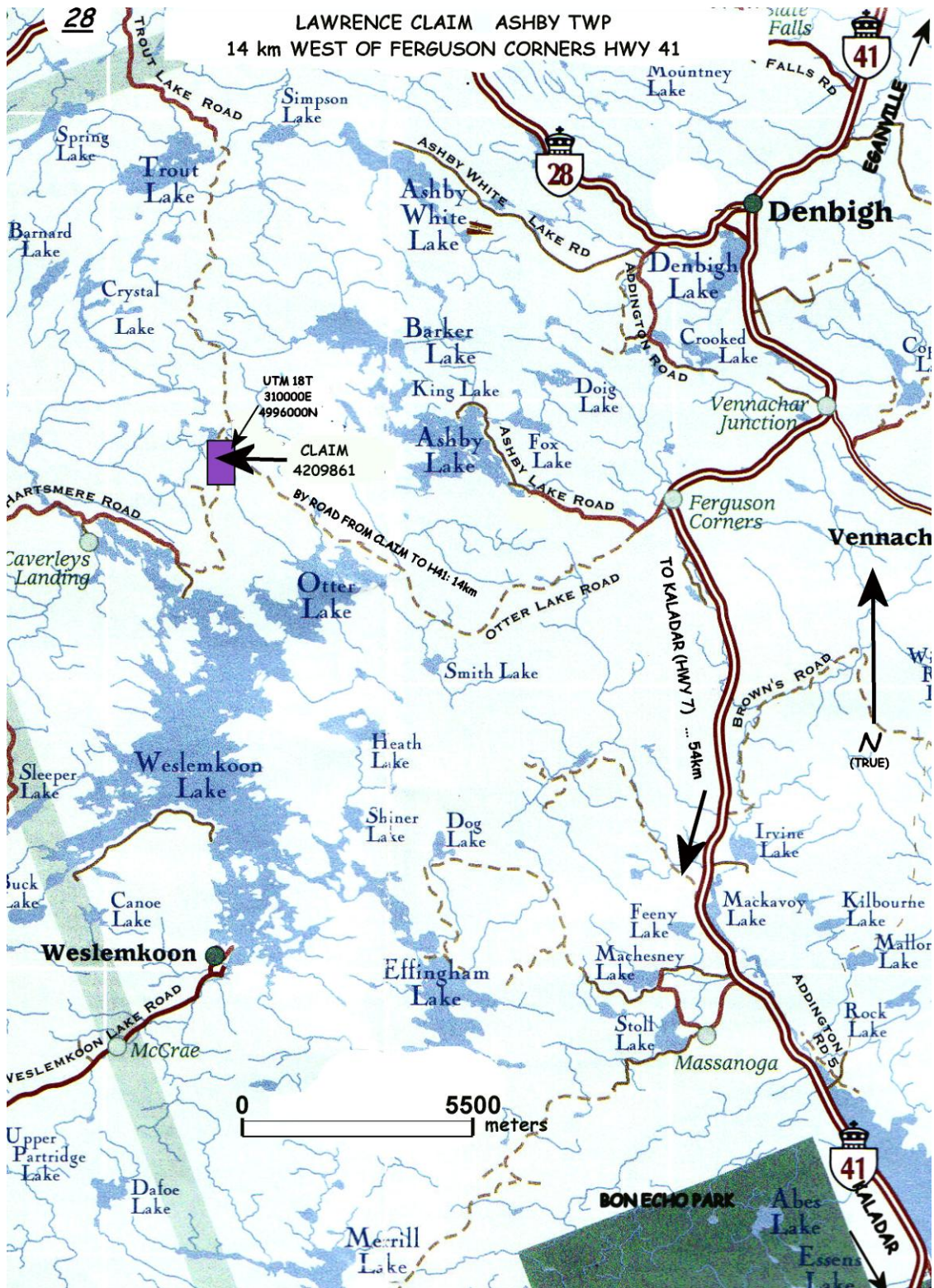
The southwest half of the claim is dominated by a bog which extends from Post #4 about 300 meters to the southeast. The bog is surrounded by granitic outcrops. Further southwest the land slopes away to a valley which has a small creek flowing southeast.

The vegetation (away from the bog) is mostly large pine, spruce, oak, birch and maple. The bogs contain grasses, reeds, cranberry plants and alders.

### **BEDROCK GEOLOGY**

The claim is in the middle of the Weslemkoon Batholith. The claim and surrounding area is undulating granite, granodiorite and granite gneiss. Some areas have thin bands of metavolcanic rock in the granitic rock.





**CLAIM LOCATION WEST OF HWY 41 SOUTH OF DENBIGH**



