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2-56391

Prospecting Report
On The
Sheppard Claims 4216908, 4216909
Aylmer Township, Sudbury, Ontario
July 24, 2015

F. Delabbio, P.Eng.

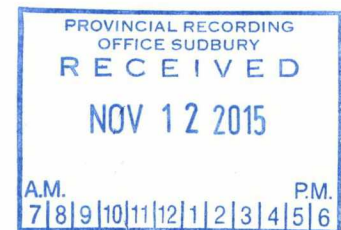
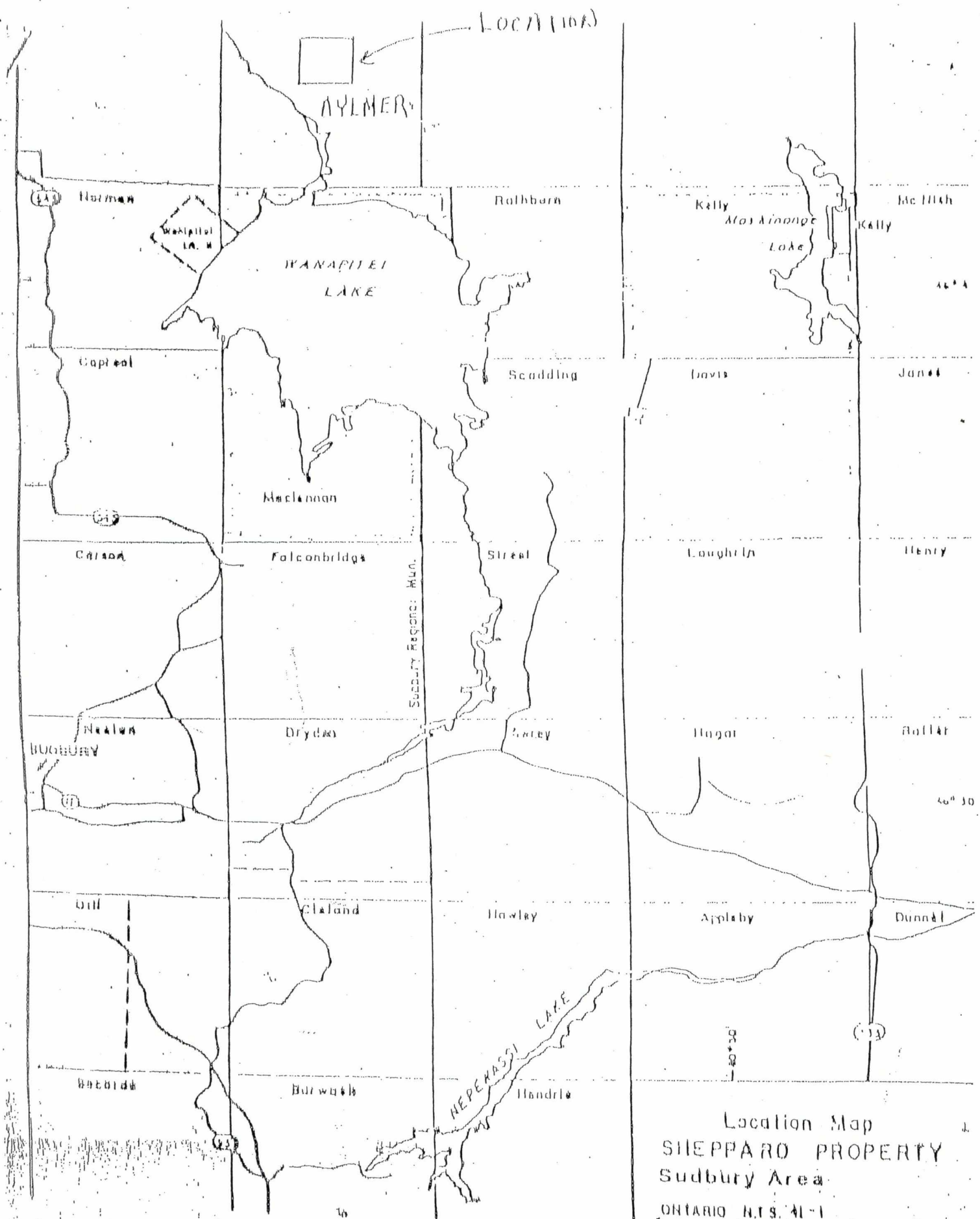


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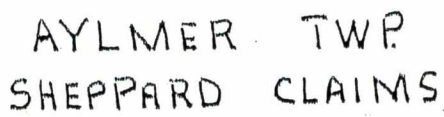
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LOCATION AND ACCESS

Aylmer Township is located north of Lake Wanapitei, Sudbury Mining Division. Access to the mining claims in Aylmer Township is via Highway 545 North of Capreol and onto the Portelance Road. You travel north for 18 km after the turnoff for the Wanapitei First Nation. You then leave the Portelance Road and turn South over the bridge of the Wanapitei River onto the Poupore Road. You turn to the left on a cut road for 4 km to the North end of Sam Martin Lake and the Northern portion of the mining claims.



Location Map
 SHEPPARD PROPERTY
 Sudbury Area
 ONTARIO N.T.S. 41-1



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PREAMBLE

We drove through an old cutting area to the Northern part of Sam Martin Lake and travelled by canoe to prospect and map the Eastern portion of the lake which covers the western portion of claim 4216908 and the North West portion of claim 4216909. The country rock is all laminated wacke with a major change in the bedding in the North West area of 4216909; vertical to horizontal. In the bottom of the bay on 4216909 we found fresh float of "gabbro" which has been brought to the Ministry to confirm the identity. This drift does not appear to have travelled very far as it readily breaks up.

Note: We have attached the Mineralogy Report on this sample.

Mineralogy Report

Client Contact: Ed Debicki
GL Job Number: 15-0222
Test Group: XRD-101-SEM-110
Date: Sept 15, 2015

GL Sample ID: 15-0222-0001 (Client ID: JoeC)

Client Request: Determine the mineralogy of the sample.

Results:

X-ray diffraction analysis shows that the sample contains **amphibole** (dominant) and **chlorite** (subordinate).

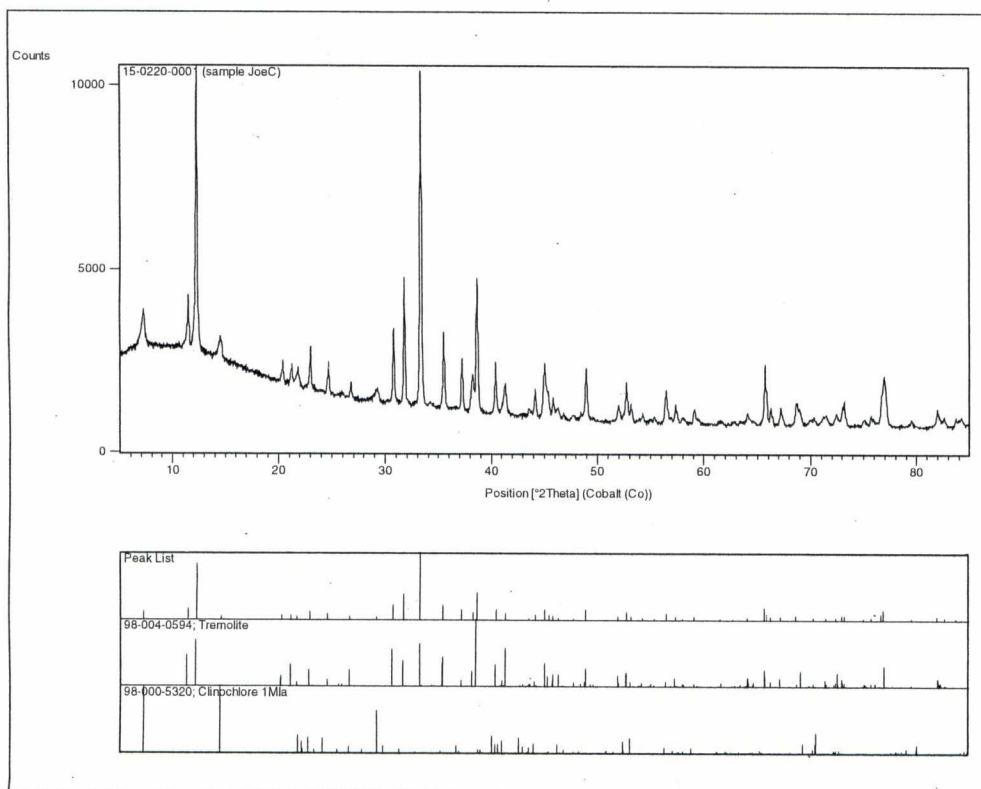


Figure 1. X-ray diffraction pattern showing search/match results for amphibole and chlorite.

The chemistry of the amphibole and chlorite were determined by energy dispersive x-ray acquisition on the SEM. The resulting atomic ratios indicate that the amphibole is classified as **actinolite** and the chlorite as **clinochlore**. Examples of amphibole and chlorite spectra are shown below in figures 2 and 3 respectively.

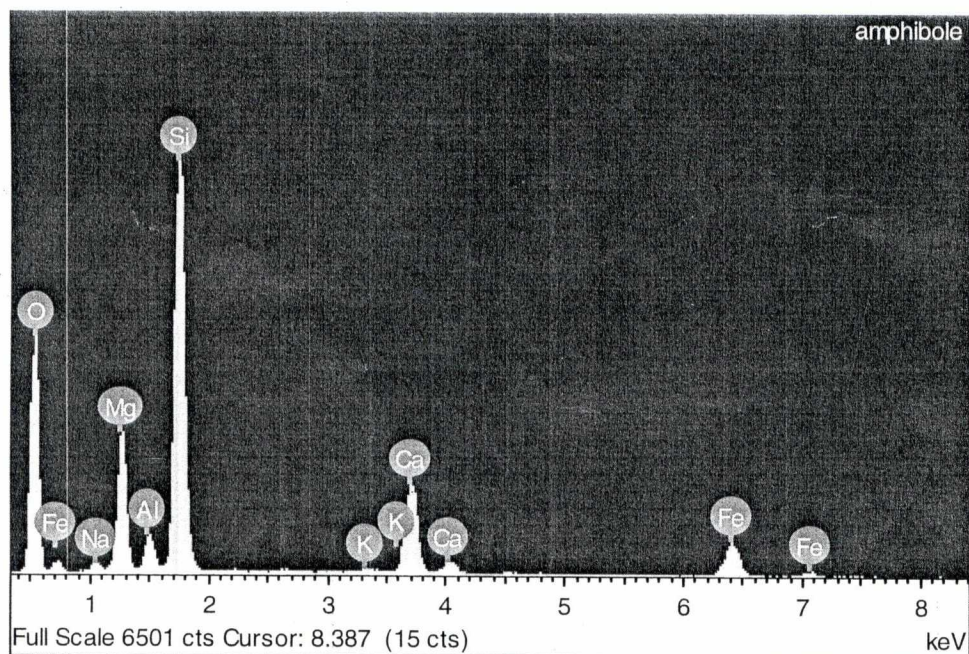


Figure 2. Representative energy dispersive (ED) spectra of amphibole.

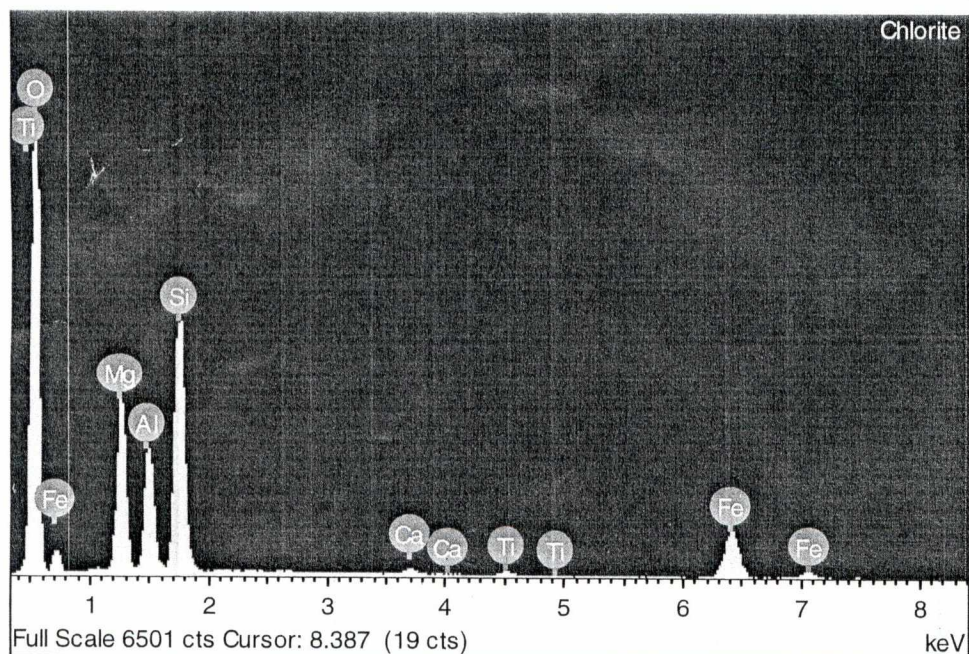
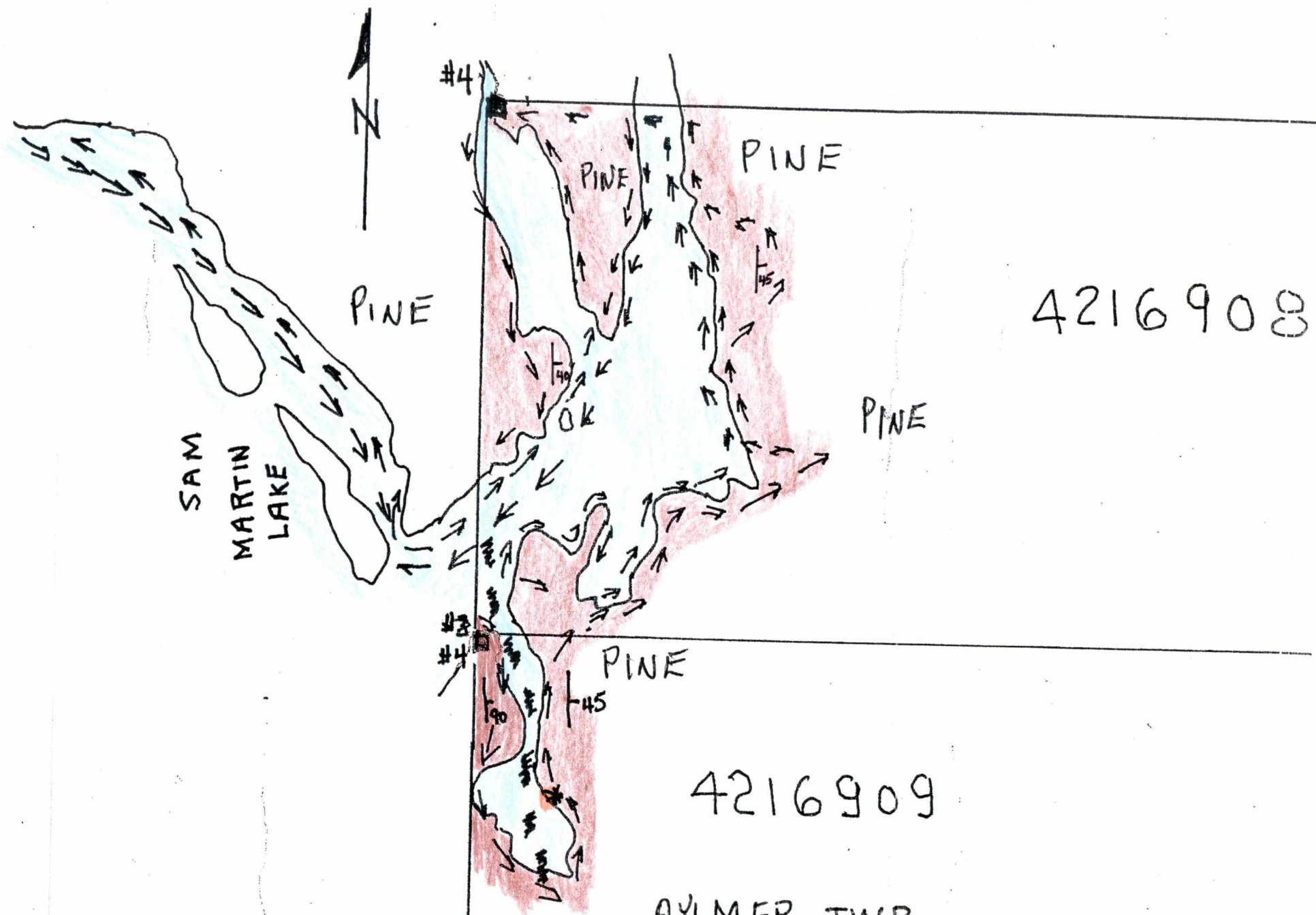


Figure 3. Representative energy dispersive (ED) spectra of chlorite.

The submitted sample also exhibits some fibrous material on one side of the rock surface. The SEM investigation showed that these fibers are organic in nature.



AYLMER TWP
SHEPPARD CLAIMS

SCALE
1" = 200 m

0 200 400

→ TRAVEL

FAULT

* SAMPLE

STRIKE - DIP

LAMINATED WACKE

F. Delabbio Nov 2015

Names and Signatures of workers

Tom Sheppard

Tom Sheppard

Jim Jackson

Jim Jackson

Fred Delabbio

Fred Delabbio

Blaine Olivier

Blaine Olivier

B. L. Montgomery

B. L. Montgomery

Joe Church

Joe Church