

1640 0010
TO John Schilling

FROM Lee Hsu

SUBJECT A visit to a claim

199 item 2
Memorandum
UNIVERSITY OF NEVADA
Reno, Nevada

Date April 3, 1975

A tungsten claim, called Garnet claim, was visited by me and two graduate students yesterday afternoon. Mr. Zlokovich, owner of the claim, provided the transportation. The claim is located along the north border of the AMS sheet of Walker Lake, roughly at the center of R33E T13N. It is reached by turning to the south from U.S. 50, 35 miles east of Fallon and following State 31 for 17 miles (3 miles after passing county line). A dirt road leading from this highway eastward brought us to the claim in 5 miles. The claim is on the south slope of hills overlooking the Gabbs Valley toward south and southwest.

In the claim, irregularly distributed zone of dark brown garnet tactite is the prominent feature cutting this tactite and granodioritic intrusive is a pegmatitic quartz vein. The quartz vein contains, in places, single crystal of quartz as big as 1' long and is transitional to quartz-feldspathic vein with fine mica. Scheelite found in the tactite is fine-grained and gives yellow fluorescent color, whereas scheelite found in quartz vein tends to grow to the size of 1" across or bigger and gives whitish fluorescent color. The distribution of scheelite in quartz vein is very sparse and irregular; in places, several scheelite crystals may be found in an area of 1 sq. ft., yet, in places, the vein is completely barren for a large area. Judged from the presence of only shallow shaft and short trench, the past activity appears to never turn into production. A suggestion was given to the owner that detailed mapping and more sampling are desirable before any attempt of mining activity is made.