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STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES

702 WOODLARK BUILDING
PORTLAND 5, OREGON

Grants Pass, Oregon
November 10, 1944

FIELD OFFICES:

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NORMAN S. WAGNER
FIELD GEOLOGIST

714 EAST "H" STREET, GRANTS PASS
RAY C. TREASHER
FIELD GEOLOGIST

Replies should be
addressed c/o State
Assay Laboratory
P. O. Box 417
Grants Pass, Oregon

Mr. F. W. Libbey
702 Woodlark Building
Portland 5, Oregon

Dear Mr. Libbey:

On my last trip to the Foots Creek area I took a side trip to the Lady Slipper scheelite prospect which I had examined while with the Lewis Investment Company in the spring of 1941. I have been unable to find any record of it in the office, so I have written it up and made a sketch map of the development work to date. Most of this work has been done since I saw it in 1941, however, no work on the claim is being done at present.

I am forwarding two specimens of scheelite-bearing rocks for the Portland office. No. 1 is from a fractured zone about 6" above the quartz veinlet shown on section A-A' through the winze on the map. No. 2 is a somewhat harder piece obtained from the wall of the shaft. I was unable to use my fluorescent light in the cut as it was day light, but saw scattered occurrences of scheelite in it when I examined it in 1941.

The contact zone exposed in the cut and winze does not carry enough scheelite to be of economic value, however, this contact zone appears to be a fertile place to prospect for an ore body. I believe further occurrences may be found by prospecting the contact zones around other intrusive bodies in this area--especially in the vicinity of some of the limestone lenses in the meta-sediments. As I have the opportunity, I shall try and run down some of the other reported occurrences in this area.

Perhaps Mr. Lowry may be able to determine if there are any other tungsten minerals present and what the associated minerals are. If he finds anything of interest, I would like to hear from him.

Sincerely,

E. A. Youngberg
E. A. Youngberg

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STATE DEPARTMENT OF GEOLOGY
& MINERAL INDS.

EAY:gsc



STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES

702 WOODLARK BUILDING
PORTLAND 5, OREGON

March 5, 1951

Mr. Harold D. Wolfe
State Assay Laboratory
Grants Pass, Oregon

Dear Harold:

This is in regard to several samples.

Harrison #1 (P-10746) ran 0.085 percent WO_3 . This is the chemical analysis. This was the sample I took waist high around the bottom of the shaft.

Harrison #2, from the bottom of the 20-foot shaft at the southeast side in the zone showing continuous scheelite spots, ran 0.425 percent WO_3 . Chemical analysis.

Harrison #3, the grab sample from the partially sorted ore on the dump of the shaft, ran 0.125 percent WO_3 . Chemical analysis.

Harrison #4, the grab sample from the unsorted ore on the dump of the Harrison property, showed nil in tungsten.

From the Lady Slipper property #1, from the face of the crosscut. Chemical analysis showed nil.

Lady Slipper #2, the grab sample from the dump of the shaft above the crosscut, showed 0.09 percent WO_3 . Chemical analysis.

All these samples showed very small amounts of gold, running from a trace to .035 oz/Ton. This should clean up the samples that were taken when Mr. Libbey and I were down to see you.

Now, in regard to the white clay which you sent in from Emmett Moyer - LG-23 (P-10778), turns out to be sericite rather than a clay. Spectrographic, differential thermal, and petrographic analyses confirm this identification. For your information, aluminum and silica were in the range over 10 percent; potassium was high in the 1-10 percent range, and sodium and titanium were low; iron was close to 1 percent; magnesium was in the .1-1 percent range; and then there were a myriad of other elements below that range. I am going to ask Hoagy to run an iron on this sample. Mr. Libbey feels that this material probably would not be of interest to the paper companies. However, if the iron turned out to be very low, chances are a sample will be sent to them. Probably the best use of this material