

High Prairie Group

Falls Creek District

Lane County

Owners: Bruce McKenzie, 237 Washington Street, Eugene, Oregon
Hale G. Thompson, 412 Tiffany Building, Eugene, Oregon

Location: SW $\frac{1}{4}$ Sec 32, E $\frac{1}{2}$ Sec. 31, S $\frac{1}{2}$ Sec. 30, T. 19 S. R. 4 E.W.M.
at elevations ranging from the North Fork level at 1600 feet
to 2800 feet. Claims more or less parallel Tumble Creek.

Area: 6 unpatented lode claims, five of them in a north-south line,
and the sixth parallel to the west of the northern-most.

History: These claims were discovered when the railroad and logging
road cuts were made in 1938. This altered zone was not
known when the area was covered by Buddington and Callaghan in 1930 and 1931, and
is not mapped.

Transportation: A car may drive over paved highway 43 miles from Eugene to
Oakridge. Thence it is about 20 miles by good forest road
to the property. The upper tunnel lies directly under the road, near where
it crosses Tumble Creek. The lower exposures lie three miles further on, and
a half a mile down the railroad tract from the railroad and river crossing.

Development: Road cuts have opened up the zone at the southern end near
the SW corner of Sec. 32. A short tunnel south into the
hill for 20 feet exposed mineralized material. This tunnel lies directly
below the new road. The railroad cut along the river near the S line of Sec. 30
is said to expose altered rock for nearly 1000 feet. No equipment.

Geology: The rocks of this area are mostly volcanic breccias,
agglomerates and tuffs, with some andesite and dacite. At
the location point under the road near Tumble Creek, the mineralized zone is ex-
posed for at least 30 feet and possibly more. It appears to be bounded on the
east by a bed of lapilli-tuff. The material is completely weathered altered rock,
without any definite veins, but with pyrite both disseminated and concentrated
in a few places along fractures, in irregular bands, patches or blebs. About
half a mile to the south in the road cut an outcrop of more or less altered
dacitic material contains disseminated pyrite.

The topography adjacent to Tumble creek along most of its
length suggests landslide and slumping which may be due to the altered and soft
nature of the mineralized zone. This slump area is up to 1000 feet wide, but
exposures within it are very poor.

Remarks: Both sampling and development of the two areas located in
this group have been insufficient to determine whether low-
grade values are sufficiently evenly distributed to be mineable on the large
scale necessary.

June 6, 1940

John Eliot Allen, geologist
Department of Geology and Mineral
Industries
Portland, Oregon

COPY

File with High Prairie Co
Lane County

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

Office Number _____

Trants Pass, Oregon
Baker, Oregon

July 26, 1940 193 _____

Sample submitted by Mr. Bruce McKenzie, 237 Washington Street, Eugene, Oregon

Sample description AB 1017 Altered Rhyolite

The assay results given below are made without charge as provided by Chapter 176, Section 10, Oregon Laws 1937, the sender having complied with the provisions thereof.

NOTICE: The assay results given below are from a sample furnished by the above named person. This department had no part in the taking of the sample and assumes no responsibility, other than the accuracy of the assay of the material as furnished it by the sender.

Sample Number	GOLD		SILVER		Silica				Total Value
	Ounces per ton	Value	Ounces per ton	Value	Percent	Value	Percent	Value	
1017					81.2				
Because of the high silica content, the alumina assay has no significance.									

Market Quotations:

Gold \$ per oz.
Silver \$ per oz.
 \$ per oz.
 \$ per oz.

STATE ASSAY LABORATORY

W. T. Burns

Wm. T. Burns Assayer