JUNIPER HILL MIN (gold) - Upper Burnt River District, Baker County

Owner: J. F. Keyton, Baker, Oregon

LOCATION: Sec. 14, T.12S., R.40E., or about 2½ miles by a mountain road up the canyon of the first westerly tributary to Auburn Creek. This road has a steep, but fairly uniform grade and joins the highway to Durkee, 18 miles distant.

AREA: Four unpatented claims - The Juniper Hill, Ola, Lamine, and Oregon.

Informants: J. F. Keyton
Reported by U.S.: 11-30-42.
HISTORY: The mine was located by its present owner who worked it intermittently for several years, driving two tunnels of about 100-150' in length, in one of which he did some stoping, and sinking a 50' shaft from which he ran a short drift which he stopped at the surface. The rock was milled in a Huntington mill, but the only record kept of either the tonnage or recovery was that of 4 tons of rich grade which yielded $205.00. In all, Mr. Keyton estimates the property produced about $3000.

At one time, the property was leased to a Mr. Frederick, manager for a Les Mines Company. He drove a 420' crosscut, but produced no ore.

The property has been idle for a number of years and the mill sold.

GEOLGY: This property was visited for the specific purpose of sampling and examining talc which is reported to occur there, and which was supposedly exposed in the tunnels. Contrary to available information at the time, a heavy snowfall covered the ground, and only a small portion of the crosscut proved to be accessible. The ensuing account of the geology is of necessity general.

The property is apparently situated in the area of Katayabro and Hurst ayer Schist shown on the geologic map from U.S.G.S. Bull. 879. According to Mr. Keyton, gold occurs in a 3 to 12 foot ledge of talc which contains but very few
quartz stringers. Various specimens of the talc seen, ranged from poor grade, hard material to that appeared to be an excellent grade of massive, soft, white material, though nothing can be said concerning the relative abundance of these types at this time. The crosset is partially in serpentine and reveals two low grade asbestos veins. A small portion of this crosset constituted the only workings on bedrock seen.

Respectfully submitted

[Signature]
JUNIPER HILL PROSPECT
Upper Burnt River Dist.
Baker County

Owner: J. H. Keyton, Baker, Oregon; lessee, Ed Holland, Pearl Wright and George Stoker, all of Baker.

Location: Sec. 3, T. 12 S., R. 40 E.

Miscellaneous: Consists of four unpatented lode claims. Development in two tunnels, totaling about 400 feet.

Geology: Lower tunnel strikes N. 10° E. for what is said to be 300 feet. The first 70 feet lies in sheared serpentinous argillite cut by faults striking N. 60 W., dipping 70° S., along which considerable tremolite has been developed in zones from 1 to 3 feet thick. The next 60 feet is in dense pyritic black massive argillite. At this point the tunnel is caved in talcose serpentine. The talcose argillites or schists, strike N. 45° E. and dip 60° to the NW.
Above the tunnel on the hill a series of white quartz dikes strike NE. and SW., dipping 25° to the NW. into the hillside. A few oxidized stringers occur, but it is mostly glassy and white. Two assays were taken from the property. The quartz showed no gold or silver but the schist from the upper cut returned .15 ounces of gold.

John Eliot Allen.
JUNIPER HILL PROSPECT

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### Name of claims

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<tr>
<th>Name</th>
<th>Area</th>
<th>Pat.</th>
<th>Unpat.</th>
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<tbody>
<tr>
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<tr>
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<td>Oregon</td>
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### Address

- J.F. Kingman, J.F. Kingman