

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

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## MEMORANDUM REPORT

River View Claim (1s)

Gold Hill  
Mining Dist.

Jackson Co.

Foreword: This examination was made on a Portland Office request (letter by H. M. Dole, March 30, 1948). Object was to determine if the above limestone deposit is suitable for use by the State Lime Plant in obtaining a supply for agricultural lime.

Old Name: Merry Christmas Claim.

Owners: Lawrence Whitsett

P. O. Box 606,

John Hays

Gold Hill, Oregon

Location: West side of Galls Creek two miles SW of Gold Hill in S $\frac{1}{2}$ , Sect. 20, T 36 S, R 3W. The only close passable road is the Galls Creek Road which passes within approximately  $\frac{1}{2}$  mile of the property.

Area: One full lode claim.

History: Reportedly the property was worked by the state as a source of agricultural lime some 25 or 30 years ago. Quarrying was done in two principal adjoining pits. No information is available concerning the tonnage removed but the size of the pits indicates that the amount was not very large. The limestone was transported from the quarry to a railroad spur west

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### River View Claim, Cont.

History: of Gold Hill by approximately 1 mile of aerial tram.

The property was acquired by the present owners by relocation of an abandoned claim in 1940.

Development: In addition to the two main quarry pits there are numerous trenches and small pits. All workings are badly caved and partially filled with soil and debris.

Geology: The limestone occurs as lenses in a prominent belt of metasediments which strike NE - SW through Gold Hill. One main lens<sup>e</sup> of limestone and several lesser ones cut diagonally across the River View claim striking N 25 degrees E and dipping at high angles (commonly around 70 degrees) to the SE. The lenses occurring at the old State quarry site at 1750' elevation are thin, commonly being 10' to 30' in thickness. Faulting has displaced the lenses into disconnected blocks, most of which are small. The largest of these is 30' in thickness and 60' in length. It is doubtful if these lenses extend to any considerable depth - probably no more than 50'. Further to the SW at an elevation of 1900', a prominent lens<sup>e</sup> traverses the ridge. It outcrops more or less continuously for some

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### River View Claim, cont.

Geology: three hundred feet and averages possibly 20' in thickness. A maximum depth of 100' for this lense would be very optimistic. No other limestone lenses of consequence were observed on the property. The present owners have had no analyses made of any of the limestone.

On the (EW) the River View Claim borders on the Beaver Portland Cement Co. claims. These claims <sup>lie</sup> along a prominent lense of limestone which is part of the same series as that exposed on the River View Claim but it is not a direct continuation. Two large quarries give good exposures of the limestone which ranges from 50' to 80' in thickness. In and above the upper quarry, basic dikes cut the limestone at nearly right angles to the strike. These dikes range in size from a few feet to 25' in width. Within the limestone, sizeable lenses or interbeds of other metasediments are also present. These are conditions which can be expected to be present in the limestone deposits of the River View Claim.

Equipment: None.

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### River View Claim, cont.

General Information: The deposit is located at 1750' to 1900' elevation and some 600' - 750' above the Galls Creek Road. Hauling distance to the shipping point at Gold Hill would be approximately 3½ miles.

Economics and Recommendation: The deposit does not appear suitable for use by the State Lime Plant. The amount of limestone apparent is not adequate to sustain this size of operation (anticipated use of 10,000 tons annually). From size of outcrops and inferred depths, an estimated 75,000 tons of limestone is present. The lenses are too small to be quarried without excessive contamination. Transportation to the shipping point at Gold Hill would involve costly construction of approximately one mile of hauling road and a 30' to 50' bridge across Galls Creek to connect with the Galls Creek Road.

Report by: Harold D. Wolfe

Date visited: April 10, 1948

*Whitsett Ls.*



STATE DEPARTMENT OF GEOLOGY  
AND MINERAL INDUSTRIES

702 WOODLARK BUILDING  
PORTLAND 5, OREGON

April 21, 1948

Sample submitted by H. D. Wolfe

Analysis by:

Sample received on April 15, 1948

*L. L. Hoagland*

Analysis requested Lime, silica assay

Assayer

Lab. No.	Sample Marked	Results of Analysis	Remarks
P-7100	IG-78	Lime (CaCO <sub>3</sub> ) 86.57% Silica (SiO <sub>2</sub> ) 8.96%	<i>chip sample representative of prominent lens which traverses the River View claim (20' x 300' lens)</i>
P-7101	IG-79	Lime (CaCO <sub>3</sub> ) 75.84% Silica (SiO <sub>2</sub> ) 19.80%	<i>chip sample representative of a 30' x 60' block of ls at upper end of quarry pit - old slate quarry.</i>
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The Department did not participate in the taking of this sample and assumes responsibility only for the analytical results.