

MEMO REPORT

Jackson County
Gold Hill District

BLACKWELL HILL AREA TALC OCCURRENCES

Location: Talc alteration of serpentinite occurs at a few sites, mainly south of Interstate 5 Freeway in the vicinity of Blackwell Hill in Secs. 25 and 36, T. 36 S., R. 3 W.; Secs. 29 and 32, T. 36 S., R. 2 W.; Sec. 49 (5), T. 37 S., R. 2 W.; and Sec. 1, T. 37 S., R. 3 W. All of these occurrences are on private land and State or County roadways. (See map.) None of these sites are included in Special Paper 18.

Geology: Talc occurs with serpentinite and chlorite alteration associated with Applegate Group metavolcanics and metasediments in fairly close proximity to small diorite intrusives. Some of the occurrences spotted on the map were not inspected by me; but were reported by Frank Callahan, 6045 Foley Lane, Gold Hill.

One of the apparently more extensive talc-bearing zones of serpentinite outcrops about 100 yards southeast of Callahan's mobile home site. It is a NE-trending narrow zone extending from Harris Gulch to near Interstate 5. If the zone is continuous, it is about 1 mile in length. The amount of talc contained is highly variable and alteration incomplete.

Talc alteration can also be seen in the road cut by Tolo Road Overpass on Interstate 5 in Sec. 29. A band of serpentinite trending about N. 20° E. from Tolo Overpass to Old Stage Road near Willow Creek also has a few areas of talc alteration according to Mr. Callahan.

A third area of reported talc alteration can be found near Panther Gulch Road near the gate on to Hidden Valley Ranch property about 1,400 ft from Old Stage Road. A small body of serpentinite a short distance northwest of the gate reportedly contains some talc. This would be in the SE $\frac{1}{4}$ of NE $\frac{1}{4}$ Sec. 36 at about 1,530 ft elevation.

A fourth reported site of talc alteration is in the SE $\frac{1}{4}$ of NE $\frac{1}{4}$ Sec. 1, T. 37 S., R. 3 W. in the excavated back yard of a residence at about 1,620 ft elevation. A more thorough investigation of this entire area may disclose a potential source of soapstone.

Reported by: Len Ramp
2-27-89

Memo Report Jackson County
Gold Hill Dist.
Blackwell Hill area Talc occurrences

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Geology

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26.5
5300

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on to Hidden Valley Ranch Property about 1400 ft from Old Stage Road. A small body of serpentinite a short distance northwest of the gate reportedly contains some talc. This would be in the SE $\frac{1}{4}$ of NE $\frac{1}{4}$ sec 36 about 1530 ft elevation.

→ A more thorough investigation of the ^{entire} area may disclose a potential source of soapstone.

A fourth reported site of talc alteration is in the SE $\frac{1}{4}$ of NE sec 1, T. 37 S, R. 3 W. in the ^{excavated back} yard of a residence at about 1620 ft elevation.