

SUCKER CREEK TALC DEPOSIT

Location: NE Cor NE $\frac{1}{4}$ Sec. 13, T. 40 S., R. 7 W.

The deposit outcrops on the short connecting road between the upper Sucker Creek road and the China Garden road at about 2,280 ft elevation, 200 ft west of its junction with the main road USFS No. 4612.

Geology: Altered serpentinite with a zone of massive talc-limonite rock and sheared iron-stained soapstone about 40 ft wide is exposed in the road cut. The enclosing rocks of the Permo-Triassic Applegate Group are not well exposed; but appear to be mainly argillite on the east side and metavolcanics on the west side of this small lenticular (?) serpentinite body. Sample AUG 100 was collected from the area of talc alteration. Petrographic description of the sample is as follows:

Minor talc float was also noted at 3,680 ft and 3,840 ft elevation along the timber access road No. 4703 in the N $\frac{1}{2}$ Sec. 32, T. 40 S., R. 6 W.