

## CALLAHAN CREEK OCCURRENCE (#5)

**Location:** At the E $\frac{1}{4}$  Cor. Sec. 36, T. 31 S., R. 3 W. 3,200 ft elevation.

**Description:** Small areas of talc alteration were found along the south margin of a small serpentinite inclusion in the large, elongate quartz diorite body that extends south-southwest from the Tiller area to the West Fork Evans Creek drainage.

The serpentinite body is exposed in a road rock quarry and appears to be about 200 ft in diameter. Irregular zones of foliated talc about 1 ft to 3 ft thick occur along the south edge of the serpentinite. Under the microscope the powdered talc is scaly and fibrous. Some of the material sampled has abundant tremolite while other pieces collected appear to be devoid of the fibrous amphibole. All of the material contains minor chlorite and magnetite.