

## ILLINOIS RIVER TALC

Location: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Sec. 29 and NW $\frac{1}{4}$  NW $\frac{1}{4}$  Sec. 33, T. 37 S., R. 9 W., elevations of occurrences from about 1,300 to 1,420 ft.

Geology: Apparent hydrothermal alteration of ultramafic rocks has produced minor talc along faulted contacts with volcanoclastic rocks, hornblende diorite and amphibolite. There has been no exploration and development. The talc was noted in the course of geologic mapping of the SE $\frac{1}{4}$  Pearsoll Peak Quadrangle (GMS-30, 1984). Talc was sampled at three sites when revisited (7-17-86). Site 1, (AUG-17) was float pieces from the Illinois River Road about 200 ft north of Sec. line between Secs. 29 and 32, and from just below the road to the west and south about 200 ft. Site 2, (AUG-18) is similar appearing rusty gray talc float from the road about 100 to 300 ft north of the junction with the Deep Gorge Mine Road. Site No. 3 (AUG-19) is a slightly better-looking gray talc float from an old road about 100 ft lower and 100 yards south of the junction of Deep Gorge Mine Road with Illinois River Road. Very little talc could be found in place and the source of talc float is probably from narrow veins and selvages.