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PRIMARY NAME: HOGVALL PROSPECT

ALTERNATE NAMES:

GILA COUNTY MILS NUMBER: 16

LOCATION: TOWNSHIP 4 S RANGE 15 E SECTION 27 QUARTER SW
LATITUDE: N 33DEG 03MIN 13SEC LONGITUDE: W 110DEG 48MIN 04SEC
TOPO MAP NAME: HAYDEN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD

BIBLIOGRAPHY:

USGS HAYDEN QUAD
ROSS C P ORE DEPTS SADDLE MTN & BANNER MINING
DISTRICTS USGS BULL 771 1925 P 65

Spring Range, at an altitude of about 4,250 feet, and the workings are near by on the northeast slope of the ridge.

The deposit was located about 1914 by S. O. Stewart, who gave J. H. Ramsey a half interest in it for working it. Later the Gold-Copper Mines Co. was formed and additional claims were located. In 1921 Ramsey and Doctor Ruff acquired an option on the property and did some work. A mill was completed in the fall of 1921, but no ore has been shipped, and when visited in June, 1922, the property was idle.

The mine is developed by several tunnels one above another. At the mouth of the lowest is the mill, which is equipped with amalgamation plates, two concentrating tables, and, below these, cyanide tanks. It is reported to have been in operation 11 days and to have treated 23 tons of ore. On the ridge above the mine are several houses, one of which is occupied by J. J. Hill, who was of assistance in the examination of the property.

The country rock of the mine is principally the Martin limestone. The tunnels follow a vein striking about N. 80° W., with nearly vertical dip. One tunnel follows another and smaller mineralized fissure. In a number of places altered igneous rock forms the south wall of the main vein. In the hand specimen this is a fine-grained dull-green rock speckled with numerous small white feldspar phenocrysts. Under the microscope it is seen to be so highly altered that close determination of its original character is impossible. It is an aggregate of chlorite, epidote, residual bits of feldspar, and indeterminate alteration products. The rock is probably an altered intrusive andesite, perhaps related to the dioritic dikes that are common in this region. The limestone along the fissure is mineralized for a width of a foot or two. In the central part is a seam several inches wide consisting largely of long, narrow, well-formed quartz crystals, a feature not observed in any of the other deposits examined. In several places the mineralization extended short distances away from the vein along the bedding planes of the limestone. A little copper-stained pyrite was noted at one place, and at the mouth of one tunnel was a small pile of mineralized rock containing malachite.

HOGVALE PROSPECT

Anton Hogvall has a prospect on the south side of a gulch three-quarters of a mile almost due west of Tornado Peak and somewhat over half a mile southwest of Chilito. Here several short tunnels have been opened on mineralized stringers and irregular gossan bodies in the Martin limestone. Pyrite was seen on the dump of one tunnel. The ore is reported to carry gold.