September Morn Prospect

The property is located in the southern Sulpher Springs range about 21 miles northwest of Eureka, Nevada.

Western half of Township 22 North, Range 52 East (Unsurveyed).
The property is reached by traveling State Route 20 north from the town of Eureka. The highway cuts the center of the property.

Unpatented lode mining claims

John Hewitt, Jr.
David H. Bissett (167 claims)
Frank Foster
700 Court "A"
Tacoma, Washington 98402

Stanley Fine (11 claims optioned to above)

For terms, refer to attached exhibits 1, 2, 13.
The September Morn claims are located in an alluvial covered basin on the southern approach to Garden Pass. The pass cuts the southern portion of the Sulpher Springs range east of Mount Hope.

According to records, a small amount of copper ore was shipped from workings on the eastern claim area.

To the west, the Mount Hope mine has a moderate production record for lead, zinc, and copper.

Several small prospect pits and shafts were dug on copper showings in the eastern claim area.

The area lies on the Battle Mountain - Eureka mineral belt, near the eastern margin of the Robert's Mountains thrust sheet. The Sulpher Springs range is composed of eastern facies carbonate rocks with small areas of western facies silicicous rocks lying above the thrust along the western edge of the range. By contrast, the Roberts Mountains to the immediate west are mainly western facies rocks with windows of carbonate rocks randomly exposed. Predominant structures are northwest and north-south faults, and there has been local overturning of the thrust relationships.

The Mount Hope intrusive occupies the center of a large structural high, and it is ringed by smaller plugs and dikes.

The area of interest on the claim group is covered by alluvium. To the immediate east, east of Highway 20, outcrops of hematized Vinius shale can be seen. The shale is locally veined with thin veins of malachite, azurite, and chrysocolla.

(Refer to geologic map, attached to report)

The Roberts Mountains thrust fault should lie at some unknown depth beneath the property, and the thrust should be in contact with carbonate rocks of either the Nevada or Devils Gate Formations. Small outcrops of intrusive rock have been mapped in the eastern claim area, and it is inferred that the eastern margin of the Mount Hope Stock cuts the abnormally sequence beneath the claim area.
Geologically, the September Morn area offers only a moderately interesting potential as a copper prospect. Mineralization is weak in the outcrop area. Alteration (argillization) is, however, rather intense. Work done by Edward Judevich in 1962 (see attached geologic map) postulated the presence of a major east-west, pre-thrust structure in the central claim area. Judevich's group felt this structure could have provided a favorable area for mineralization associated with the later Mount Hope intrusive. This east-west structural break coincides closely with the I.P. anomaly outlined by both Bear Creek and Phelps Dodge (refer to attached exhibits 4, 5, and 8). If the I.P. anomaly is defining more than disseminated pyrite or graphite, both of which are common in the Vizini formation, a copper sulfide orebody could exist under the central claim area.

It is therefore recommended that close watch be kept on this claim group. If the drilling now in progress shows interesting results, plans should be made to check the geophysical work, and attempt to lease the property.

Exhibits one through eight, attached