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NBMG OFR 83-11  
See also 83-12 for  
geochemical results.

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Item 1

DIKE DISTRICT

The Dike mining district is located approximately 12 miles northeast of Las Vegas in S6, T19S, R63E in Clark County, Nevada. Access to the district is by way of a single dirt road in good condition north from U.S. Highway 93.

Very little is known of the history of the Dike district. It was originally located in 1916 and consists of a single working, the Lead King Mine, which was reported to have shipped only 2 carloads of ore of 50% lead sometime between the 1920's and 1930's (Longwell, et al, 1965). The property has been inspected at various times but no further activity has been noted. At the time of inspection, there was extensive surface scrapings and some trenching in the hills. The access road is well maintained, probably due to the microwave station immediately north of the district. The district is presently inactive.

The only property in the Dike district, the Lead King Mine, is located in the low hills at the southern end of the north-trending Arrow Canyon Range. The workings are in the limestone beds of the Mississippian-Pennsylvanian Birdsprings Formation. The beds range from 1 to 4 feet wide, strike N75W and dip about 20°NE, and are cut by bedding plane faults. These fault zones served as conduits for mineralized calcite to ascend. The crystalline calcite veins range from 2 to 6 feet wide and carry pods and stringers of argentiferous (?) galena. Adjacent to the veins, the limestone is dolomitized, with very fine galena crystals disseminated throughout the host rocks. At depth, the galena has altered to cerussite (Longwell, et al, 1965).

Selected References:

Anonymous (1982) Arrow Canyon, Las Vegas Range G-E-M Resource area: Great Basin

GEM Joint Venture Technical Report GRA no. NV-29.

Dike district-2.

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Longwell, C. R. et al (1965) Geology and mineral deposits of Clark County, Nevada:

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Vanderburg W. O. (1937) Reconnaissance of mining districts in Clark county,

Nevada: USBM I.C. 6964.