

4380 0001

Lincoln County
Item 7

SILVER KING WELL (SUNNYSIDE)

The Silver King Well area, not a recognized mining district, covers the Silver King mine and other prospects east of Silver King Well, south of Sidehill Pass in the southern Schell Creek Range. The area is south of the Egan Resource Area boundary in northwestern Lincoln County about 12 miles southeast of Sunnyside.

According to Tschanz and Pampeyan (1970), the geology of the Silver King area is complex. A major north-trending fault separates low hills of Chainman shale, Scotty Wash quartzite, and Pennsylvanian limestone on the west side of the district from the high ridge of Simonson Dolomite and Guilmette formation on the east. The rocks to the west of the normal fault are thought to be a down-dropped remnant of the Silver King thrust plate (Tschanz and Pampeyan, 1970). A stock of quartz diorite about two miles long and as much as one mile wide is intruded along the north-trending fault zone.

Ore bodies at the mine are described as occurring near the contact between Guilmette limestone and a small body of quartz diorite porphyry which crops out northeast of the main stock. Ore occurs as small replacement deposits and veins, and lead-silver-arsenic sulfides are reported present.

At the Silver King mine, old workings and prospect pits explore replacement lenses in limestone along N55°W structures, and kaolinized dike rock occurs in some workings. Other nearby prospects also follow N40°W to N80°W fractures. Dumps are rich with gossan, jasperoid, and galena pods were found on several.

See also 83-2 for geochemical results.

J. Tingley + J. Bentz (1982) Mineral Res. of Egan Resource Area; NBME OFR 82-9

83-1

Most of the immediate area of the old workings, and the valley to the west, showed evidence of recent claim staking and exploration activity. At the time of examination, Anaconda Mining Company was drilling the Silver King property, and a diamond drill was located on a site just west of the old mine.

Selected Reference

Tschanz, C. M., and Pampeyan, E. H. (1970) Geology and mineral deposits of Lincoln County, Nevada: NBM&G Bull. 73.