

1760 0018

PROPERTY NAME: Big Spring Mine
 OTHER NAMES: New Incline
 MINERAL COMMODITY(IES): Copper-tetrahedrite-Au
 TYPE OF DEPOSIT: Vein in contact zone
 ACCESSIBILITY: Fair road north of Ellsworth Site
 OWNERSHIP: John Rast, Ione (1935) or Margret and Robert Lawson Mina, Nev. (1982)
 PRODUCTION: Unknown
 HISTORY: The Ellsworth district was organized in 1863 but the references to the Big Spring Mine are from the 1930's but it may have been in operation much earlier?
 DEVELOPMENT: Several shafts, adits, trenches and prospects most of which are caved and appear to be very old. One of the old inclines has a new headframe. Twenty-two claims are involved and a two stamp mill-site.
 ACTIVITY AT TIME OF EXAMINATION: Recent activity at one of the inclines.

County: Nye
 Mining District: Ellsworth
 AMS Sheet: Tonopah
 Quad Sheet: Paradise Peak 15'
 Sec. 18, T 13N, R 38E
 Coordinate (UTM):
 North 4315800m
 East 0434450m
 Zone

GEOLOGY: The workings are on hill capped by dark green vetavolcanics overlying a granite that has few outcrops and is deeply weathered. At the bottom of the hill and very near the spring and mill site is a new wooden headframe atop an old incline with both an old and new dumps. The recent mining activity is within the last couple of years. The inclines is on a narrow shear that bears N45W, 75SW. The dump material include quartz with copper, possible tetrahedrite, and reported gold values and some contact minerals such as epidote and garnet. Sample 3163 was from these workings. Sample 3164 was taken from a line of workings further up the hill that explore a vein in a shear that bears N15°W, 60°-70°W. The vein is highly oxidized, vuggy, stained by hematite and contains minor copper and possible gold-silver mineralization. The upper workings have granite and other sediments scattered on the dumps. No new acitivity at the top of the hill.

	North	East
Sample 3163	4315800	0434450
3164	4315400	0434350

REMARKS:

REFERENCES:

EXAMINER: Jack QuadeDATE VISITED: 5-10-86