

1800 0055

PROPERTY NAME: East Nevada Crown Mine
 OTHER NAMES: Crown Mines, Port and Sampson, Rex Claims
 MINERAL COMMODITY(IES): Silver/gold
 TYPE OF DEPOSIT: Epithermal veins

ACCESSIBILITY: Road to east shafts is almost gone but can be traced north from Bell Canyon.

OWNERSHIP: L. E. Spriggs, Spectrum Exploration,
 P.O. Box 610, Hawthorne, NV

PRODUCTION: Unreported but not thought to be big from shaft

HISTORY: Workings date from the period 1906-1912

County: Churchill ^② Item 63
 Mining District: So. Fairview
 AMS Sheet: Reno
 Quad Sheet: Bell Canyon 7-1/2'
 Sec. 20, T 15N, R 34E

Coordinate (UTM):
 North 4 3 3 4 5 4 0 m
 East 0 3 9 8 0 2 0 m
 Zone +11

DEVELOPMENT: Two shafts. One reported to be 250 feet with a dump that suggests the workings may be larger possible drifts etc., off the shaft. Another shaft 400 feet to the north is smaller.

ACTIVITY AT TIME OF EXAMINATION: None, but sampled and staked by Spectrum Exploration of Hawthorne, Nevada. Earlier sampling by Tenneco/Echo-Bay.

GEOLOGY: The larger, southern, 250-foot deep shaft was sunk on an intercept of the N-S trending shear (visible along the east side of the canyon) and the large N70°W vein that is at least 20 feet thick. All the workings are in andesite. The shaft is on the eastern edge of the canyon and the dump materials do not contain significant mineralization. In fact, the large dump looks very barren. Some of the sample 3974 came from the dump while the rest came from the shear zone and included breccia, vuggy open-spaced quartz with some pyrite mineralization. The second, smaller shaft to the north was sunk on a NE-trending quartz vein and is near a shear that trends N-S through the canyon. One of the veins bears N5°E, dips 70°E, and intercepts a N65°W vertically dipping vein that is 6-10 feet wide. Material from the veins consist of sulfides in a matrix of andesite breccia. Other minerals include quartz and adularia in a vuggy matrix with sulfides. Sample 3975 from this dump ran 1.1 ppm gold.

3975

REMARKS:

	North	East
Sample number 3974	4334540	0398020
3975	4334680	0398010

REFERENCES:

EXAMINER: Jack Quade

DATE VISITED: 10/18/86