

4100 0016

PROPERTY NAME: Lost claims

OTHER NAMES: \_\_\_\_\_

MINERAL COMMODITY(IES): CuTYPE OF DEPOSIT: Replacement along fault

ACCESSIBILITY: \_\_\_\_\_

OWNERSHIP: ?

PRODUCTION: \_\_\_\_\_

HISTORY: \_\_\_\_\_

County: Eureka(121)  
Item 19Mining District: SaffordAMS Sheet: WinnemuccaQuad Sheet: Carlin 15'Sec. 9, T 31N, R 51E

Coordinate (UTM):

North 4 4 9 2 0 5 0 mEast 0 5 6 4 4 4 0 mZone +11DEVELOPMENT: Two twenty-foot deep shafts.ACTIVITY AT TIME OF EXAMINATION: None, most recent sign of activity is PVC location monument (probably a couple of years old)

GEOLOGY: Shafts explore basaltic andesite or andesite flow rocks cut by high-angle, mineralized fault or fracture zones. One fault is exposed in collar of shaft. It strikes N75E &, although slightly undulatory, is mainly vertical. The fault zone is about 3-4' wide & contains abundant malachite as well as gossan, FeOxs, calcite & clay gouge. Although most of the copper mineralization is restricted to the fault zone, some CuOxs extend<sup>out</sup> in to the sheared wallrock along fractures.

Sample 164 was collected from dump of shaft described above. The andesite on the dump is Fe-stained, brecciated & silicified or propylitized. Breccia fragments are replaced by malachite, azurite, chalcopryrite, bornite & pyrite. MnOx stained quartz & calcite occur as gangue minerals. In some cases, CuOxs & sulfides are concentrated along siliceous veinlets cutting the host rock.

REMARKS: Sample 164Photo.

REFERENCES: \_\_\_\_\_

EXAMINER: BentzDATE VISITED: 6/6/82