

3480 0009

PROPERTY NAME: Palmetto Mine

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

MINERAL COMMODITY(IES): Silver, Au, Pb, Cu

TYPE OF DEPOSIT: \_\_\_\_\_

ACCESSIBILITY: Five miles north of the mill-site ruins on highway #3., via a good dirt road.

OWNERSHIP: \_\_\_\_\_

PRODUCTION: Big silver producer.

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

County: Esmeralda Item 10Mining District: PalmettoAMS Sheet: GoldfieldQuad Sheet: Magruder Mt. 15'Sec. 22, T 5S, R 39E

Coordinate (UTM):

North 4149930 mEast 0441430 mZone +11

DEVELOPMENT: \_\_\_\_\_

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: The mine is on the southwest side of Palmetto Mtn. and is in black shales and limestones of the Palmetto Formations. (Upper Cambrian). The mine is on a large brecciated quartz vein that strikes N 45W and dips irregularly but close to 70 degrees to the SW.

Photo #29. AT least five other shafts and several adits plus many prospects also follow this same vein system. All of the mineralization is within the quartz veins. The brecciated inclusions are mostly shale but may include limestone within the same sampel, suggesting the vein may have come up along the contact. Fine-grained felsic dikes and granite porphyry were observed in place as intrusives along with the quartz veins. There are stockpiles of vein materials (qtz) near many of the shafts. Photo#29, which appears to be carrying silver mineralization. Sample #1129 was from a dump near the main shaft.

Another shaft about 1/2 mile SW of the Palmetto Mine was sunk in black shale Photo #31. The shale appears to be Palmetto Formation and the brecciated quartz veins are similar but the mineralization was quite different... Sample #1130. The vein is on the same trend as the Palmetto and is probably an extension of the same vein system? No work activity was indicated at this site.

REMARKS: Sample #1129 UTM North: 4149930East: 0441430Sample #1130 UTM North: 4149350East: 0441820

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

EXAMINER: Jack QuadeDATE VISITED: 6-3-82