

0230 0004

Esmeralda County

PROPERTY NAME: AlumPure/Sulfur Pure Patent Claims
OTHER NAMES:
MINERAL COMMODITY(IES): Alum, S
TYPE OF DEPOSIT: Vein/Sublimation
ACCESSIBILITY: See map, roads fair, recommend entering from
west or south
OWNERSHIP: Unknown
PRODUCTION: Small to none
HISTORY: Discovered 1868, Worked intermittently 1921 and 1939,
1967 attempts were made to develop property, results unknown

County: Esmeralda Item 19
Mining District: Alum
AMS Sheet: Goldfield
Quad Sheet: Silver Peak 15'
Sec. Unsurveyed 1N R 39E
Coordinate (UTM):
North 4 1 9 5 6 0 0 m
East 0 4 4 1 5 0 0 m
Zone +11

DEVELOPMENT: Several shafts shown on map, now open pitted, remains of old buildings, equipment,
site covered approximately 2 acres

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: Workings are in decomposed Tertiary rhyolite with alum (either kaolinite or kalinite) forming veins, stringers and discontinuous pods branching through the rhyolite. Associated with the alum is crystalline sulfur which coats fracture surfaces and is disseminated throughout the deposits. Albers and Stewart (1972) suggests that the deposit is a Tertiary rhyolite dike or neck, which intruded into gently folded rhyolitic ash tuff. The tuffs strike N-W, gently dipping E and is stained with FeOx, with the tuffs overlying the Pliocene Esmeralda Formation.

REMARKS: Sample Site 1384

REFERENCES:

EXAMINER:

Smith

DATE VISITED: May 15, 1983