

PROPERTY NAME: Illinois Mine

COUNTY: Nye

OTHER NAMES:

MINING DISTRICT: Lodi

MINERAL COMMODITY(IES): lead, silver

AMS SHEET: Tonopah

TYPE OF DEPOSIT: vein, replacement

QUAD SHEET: Paradise Peak 15'

ACCESSIBILITY: fair road from Lodi Valley

SEC: unsur, T: 13N, R: 36E

OWNERSHIP:

COORDINATE(UTM):

PRODUCTION: \$307,000, 1875-1891  
(from Illinois Mine)

NORTH: 4316050m:

EAST: 0423900m:

ZONE: +11

HISTORY: Discovered in 1875, worked mainly 1875-1891, but Goldfield Corp. operated in 1914 era.

DEVELOPMENT: Deep, single-compartment vertical shaft, connecting adit, open stopes, several other shafts to north and south along strike, headframe still over shaft, other surface buildings removed.

ACTIVITY AT TIME OF EXAMINATION: None, looks as if dumps to the south of the main shaft have been removed in the last few years.

GEOLOGY: Old stopes and workings follow N30W, 85SW-dipping shear zone that parallels bedding in limestone. Stopes range from 2'-5' wide, rock is heavy with manganese oxide staining, a 2"-3" thick zone of manganese and iron oxide along several parallel fault zones appears to carry the lead-silver mineralization. The wall rock does not seem highly silicated, but about 75' to the east of the shaft, a zone of silica webbing in limestone crops out. Parallel bedding-plane faults in this area are coated with crusts of Mn and Fe oxides. To the south of the wash south of the main shaft, the structure/bedding changes to near north-south. A few hundred feet to the west along the wash, a lamprophyre dike occupies the contact between granodiorite and limestone, the granodiorite outcrop extends to the southwest.

REMARKS: Mineralized zones on this property are very narrow, but extend for almost a mile along strike. Sample 2213 taken from the main shaft dump. Samples 2207 and 2208 were taken from dumps to the northwest along strike.

REFERENCES:

EXAMINER: JVT

DATE VISITED: 5/6/86