

21400010  
PROPERTY NAME: Valerie Fluorspar  
OTHER NAMES:  
MINERAL COMMODITY(IES): Fluorite  
TYPE OF DEPOSIT: Replacement, vein & bedded  
ACCESSIBILITY: Good.  
OWNERSHIP: Russel E. Manley in 1977. Drilled by Pegasus Gold Corp. in 1984.  
PRODUCTION: 1932 tons fluorspar  
HISTORY: See Papke 1979 Bull.93

County: Pershing <sup>(270)</sup> Item 11  
Mining District: Imlay  
AMS Sheet: Lovelock  
Quad Sheet: Imlay 15'  
\*See Below  
Sec. , T , R  
Coordinate (UTM): \* See Below  
North | | | | | m  
East | | | | | m  
Zone

DEVELOPMENT: Open pit, numerous drill roads

ACTIVITY AT TIME OF EXAMINATION: Recent drilling for sediment-hosted Au.

GEOLOGY: Fluorite occurs in Prida Formation just beneath thrust contact with Natchez Pass carbonates, fluorite occurs in zone of strongly brecciated & shattered rock trending N5-10W. Numerous high angle structures exposed in pit, limestone is partly silicified & replaced by late stage fluorite which occurs in coarsely crystalline masses, white, green and purple in color.

Footwall of main fluorite zone in pit appears to be controlled by NNW faults with 30° W dip, but main zone in pit shows numerous high-angle structures. Also quartz stockwork veining and silicification occur in footwall below west-dipping faults. Some good jasperoid with breccia texture associated with fluorite.

REMARKS: Samples 2519 and 2520 . Several rotary drill holes this year by Pegasus. Assume used Reiter Canyon as model.

\* 2519 - UTM - N4488350 E 0397350 - S NE 1/4 24, T31N, R33E.  
2520 - UTM - N4488075 E 0397300 - S24, T31N, R33E.

REFERENCES: Papke Bull. 93, 1979.

EXAMINER: H.F. Bonham, Jr.

DATE VISITED: 8-4-84