1280 0026

(09) Item 24

PROPERTY NAME: Sample locations 1524 & 1525

OTHER NAMES:

MINERAL COMMODITY(IES): Au?

TYPE OF DEPOSIT: Disseminated?

ACCESSIBILITY:

OWNERSHIP: Homestake preformed drilling. They leased property from Allen Russell.

PRODUCTION:

HISTORY: Property drilled in 1980 & 81

County: Eureka

Mining District: Cortez (Mill Canyon)

AMS Sheet: Winnemucca

Quad Sheet: Cortez 15'

Sec. Unsurv., T 27N, R 48E

Coordinate (UTM):

North 4 4 4 8 5 5 0 m

East 0 5 3 6 9 0 0 m

Zone +11

DEVELOPMENT: Numerous drill roads located at head of Mill Canyon.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Ascending drill roads we pass roadcuts exposing dark-grey, bedded limestone of the Wenban Fm. In places the limestone is recrystallized, bleached & partially silicated. Commonly the altered limestone is cut by limonite stained fissures & fractures & calcite veinlets & stringers. Thermal effects were seen in some of the limestones which displayed white radiating tremolite porphyroblasts. At the lower drill roads we noted silty yellow limestones cut by calcite veins. This is probably part of the Roberts Mtn. Fm.

Sample 1524 was taken from the lower drill roads & is composed of dark grey limeston containing finely disseminated pyrite. The sample was taken from a drill cuttings pile.

Sample 1525 was collected from drill cuttings approximately three-fourths' of the wa up the slope. It consists of grey limestone & powdered carbonate.

Although the drill roads are closely spaced, (probably because of steep slope), ther were very few drill holes on the lower roads. The drilling here probably concentrated on those areas where the Wenban limestone is cut by several E-W faults (see USGS Bull. 1175).

REMARKS:

Sample 1524 & 1525

Photos.

REFERENCES: USUGS Bull. 1175

EXAMINER: Bentz/Brooks/Smith

DATE VISITED: 7/12/82