

from R.C.T.  
in letter 3/8/40

MAR 12 1940

**GOLDEN CROSS MINE (gold)**

**GOLD HILL DISTRICT**  
STATE DEPT. OF GEOLOGY  
& MINERAL INDS.

see also Golden Wedge Mine  
Trustbuster Mine

**Owner:** Charles Kell, Gold Hill, Oregon.

**Location:** sec. 35, T. 35 S., R. 3 W.

**Area:** 12 claims held by location, recorded at Medford, 1934. The group includes; Golden Cross, 7 claims; Golden Wedge 3 claims; Trustbuster 3 claims.

**History:** Trustbuster claims were staked by Ed Cooper about 1910. The Golden Cross no. 1, 2, and Gold Star no. 1, 2, 3, 4, were located by Jackson & Hayes about 1920, and quite a bit of development work was done. They turned over the claims to Kell.

**Development:** 100 feet of tunnel on Golden Wedge and about 20 feet of shaft and an upraise to the surface. There is some shaft on the Trustbuster. Some work on Golden Cross no. 1 & 2.

**Equipment:** none.

**Transportation:** Road, passable year 'round to property, which is about 4 1/2 miles from Gold Hill.

**Geology:** The quartz vein is 18 - 20 feet wide, contains base ore that averages \$6 per ton. There is free gold in the Golden Wedge 1-foot vein. The country rock is slate, porphyry, some limestone, diorite, etc.

**Informant:** Charles Kell, 3/5/40

**Report by:** RCT, 3/5/40

CONFIDENTIAL

Mr. Kell did not seem to be too definite about the amount of workings, grade of ore, and kind of country rock. He stated that the \$6 average for the ore was a conservative estimate. Apparently the Golden Cross group includes Golden Cross and Gold Star claims. see map.

Mr. Kell has a whole sheaf of assay results made by Abbot Hanks, O.S.C., Lull, Johnson, et al. These samples were taken by Jackson & Hayes, and the samples must have been forwarded to Phil Brogan in Bend, as the assay results were addressed to Brogan.

Tin assays were particularly interesting. There was one from Abbot A. Hanks, Inc., dated April 23, 1927, #32999 - 29.89% tin; #33000 - 99.84% tin. Two assays from O.S.C. also reported tin. The assays by Lull and Johnson also showed tin. Evidently, the samples that were forwarded to Hanks and O.S.C. certainly contained tin, but the source of the tin might be questioned.

I hope to visit the property before too many months and have some samples taken that may clear-up the "tin" business. If Kell has tin, it will be most interesting.

RCT 3/9/40

RECORD IDENTIFICATION  
 RECORD NO..... M013888  
 RECORD TYPE..... X1H  
 COUNTRY/ORGANIZATION. USGS  
 FILE LINK ID..... CONSV  
 MAP CODE NO. OF REC..

REPORTER  
 NAME ..... LEE, W  
 DATE ..... 74 01

NAME AND LOCATION  
 DEPOSIT NAME..... TRUST BUSTER (GOLDEN CROSS)  
 MINING DISTRICT/AREA/SUBDIST. GOLD HILL-APPLEGATE-WALDO AREA  
 COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES  
 STATE CODE..... OR  
 STATE NAME: OREGON  
 COUNTY..... JACKSON

QUAD SCALE QUAD NO OR NAME  
 1: GOLD HILL  
 TWP..... 35S  
 RANGE..... 03W  
 SECTION.. 35 36  
 MERIDIAN. W.M.

POSITION FROM NEAREST PROMINENT LOCALITY: AT ABOUT 1700 FEET ELEVATION.

COMMODITY INFORMATION  
 COMMODITIES PRESENT..... AU

EXPLORATION AND DEVELOPMENT  
 STATUS OF EXPLOR. OR DEV. 1

GEOLOGY AND MINERALOGY

GEOLOGICAL DESCRIPTIVE NOTES. COUNTRY ROCKS ARE APPLEGATE METASEDIMENTS AND DIORITE.

GENERAL REFERENCES

RECORD IDENTIFICATION

RECORD NO..... M013889  
RECORD TYPE..... XIM  
COUNTRY/ORGANIZATION. USGS  
FILE LINK ID..... CONSV  
MAP CODE NO. OF REC..

REPORTER

NAME ..... LEE, W  
DATE ..... 74 01

NAME AND LOCATION

DEPOSIT NAME..... TRUST BUSTER  
SYNONYM NAME..... GOLDEN CROSS, GOLDEN WEDGE

MINING DISTRICT/AREA/SUBDIST. GOLD HILL

COUNTRY CODE..... US  
COUNTRY NAME: UNITED STATES

STATE CODE..... OR  
STATE NAME: OREGON

COUNTY..... JACKSON

QUAD SCALE QUAD NO OR NAME  
1: 62500 GOLD HILL

LATITUDE LONGITUDE  
42-29-09N 123-00-42W

UTM NORTHING UTM EASTING UTM ZONE NO  
4703800. 498800. +10

TWP..... 35S  
RANGE..... 03W  
SECTION.. 36 35  
MERIDIAN. WILLAMETTE

POSITION FROM NEAREST PROMINENT LOCALITY: AT ABOUT 1700 FEET ELEVATION.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU AG

PRODUCER(PAST OR PRESENT):  
MAJOR PRODUCTS.. AU  
MINOR PRODUCTS.. AG

EXPLORATION AND DEVELOPMENT  
STATUS OF EXPLOR. OR DEV. 4

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

VEIN

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

MAX WIDTH..... 20 FT

STRIKE OF OREBODY.... N50W

DIP OF OREBODY..... 46SW

DESCRIPTION OF WORKINGS  
UNDERGROUND

COMMENTS(DESCRIP. OF WORKINGS):

DEVELOPED BY 100 FT TUNNEL WITH A RAISE TO THE SURFACE AND A 20 FT SHAFT

PRODUCTION  
YES

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
1	ORE ACC	0.200	TONS	1933	0.29 OZ/TON AU, 0.06 OZ/TON AG

PRODUCTION COMMENTS..... USBM

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI  
HOST ROCK TYPES..... METASEDIMENTS

AGE OF ASSOC. IGNEOUS ROCKS.. LJUR-CRET  
IGNEOUS ROCK TYPES..... GRANODIORITE, TONALITE

PERTINENT MINERALOGY..... QUARTZ

IMPORTANT ORE CONTROL/LOCUS.. JUNCTION OF TWO VEINS MINED TO SURFACE

GEOLOGICAL DESCRIPTIVE NOTES. COUNTRY ROCKS ARE APPLEGATE METASEDIMENTS AND DIORITE.

LOCAL GEOLOGY