Feb. 6, 1941.

V. E. Hughes reported that V. E. & V. G. Hughes are starting cyanide operations on the Shorty Hope tailings.
NAME: Shorty Hope Mine

LOCATION: Wagner Creek, Jackson County, Oregon, near City of Talent.

ELEVATION: 2450 feet.

AREA: 107 acres, more or less.

TITLE: Good commercial title. 27 acres, more or less, patented mineral and 80 acres deeded government land.


FORMATIONS: Granite, Diorite and associated formations.

ORE SHOOT: Apparently one continuous deposit of low grade gold ore in evidence on the surface for a length of some 2,000 feet and having occasional shoots of higher grade ore ranging up to more than 100 feet in length as noted in underground workings.

ORES: White to dark grey quartz containing gold, little silver, pyrites and some galena.

MINERALS: Gold, Silver, Galena, Iron Pyrites, etc.

VALUES: A composite of all section samples taken on the better grade ores since reopening and resumed operations of the mine give an average assay return of $18.35 per ton. A positive statement of the average value of low grade ores cannot properly be made from the extent of present exposures but from what can be determined one might suggest a value of roundly $4.00 per ton. It is claimed that original operations showed an average return ranging from $4.00 to $15.00 per ton.

DEVELOPMENT: The original working had about 1,600 feet along the strike of the vein for about 1,000 feet in length entered by a crosscut from the surface in Bear Gulch. Several hundred feet in length has been stoped to the surface from this level and the workings are now closed. The present main working level has an entry on the opposite side of the ridge about 800 feet distant and 100 feet lower than the original workings and follows the vein system Southwesterly for a distance of 1446 feet underground gaining a vertical depth of some 200 feet below the apex of the vein. Total extent of underground workings about 3,500 feet.

PRODUCTION: Past production previous to present ownership is reputed to be about $300,000, principally from milling. Some high grade was shipped.

PROCESS: Stamp milling. Amalgamation and gravity concentration. Cyanide should be added to the process to effect a satisfactory saving.

ORE TONNAGE: At a point 1,100 feet in a shoot of the better grade ores has
ORE TONNAGE: been sufficiently developed and worked to indicate some 2,500 tons available between the present workings and the original workings. Average assay value $15.20 per ton in place. Average assay of mill heads $18.35 per ton. The ore of this shoot is observed to be larger and more massive in character as it passes through the main working level and a winze started from the floor of this level disclosed four feet of clean ore between walls with values much increased and it is certain that there is a considerable quantity of this ore immediately available below this level. Present development is not sufficient to permit a computation of ores available above the main working level further than to suggest that the entire bulk of low grade material in this zone would represent upwards of 50,000 tons. This would be without consideration for the downward continuation of ores below the main working level or for the northwesterly continuation of the deposit from the portal of the present workings.

COSTS: Past operations established an average cost of about $2.00 per ton on a capacity of 40 tons per day.


WATER: Sufficient for all needs, on the grounds.

TIMBER: A good stand of excellent mine timber on the property.

TRANSPORTATION: Macadam auto road connects with the railroad and the Pacific Highway at Talent, Oregon, distance four miles.

BUILDINGS: Five stamp mill building, office, etc.

EQUIPMENT: Compressor connected by short belt drive to 40 HP electric motor, complete with air receiver etc. installed. 2,000 feet, more or less, 2" pipe, air line from compressor. 3,000 feet, more or less 20# track rail from mill thru main level. Five Stamp Mill complete with frame, feeder, etc., installed, connected by belt to line shaft driven by 20 HP electric motor. Blake type rock crusher belted to 10 HP electric motor. Platelable and amalgamating plates. Concentrating table belted to line shaft. Electric fixtures and other appliances complete for operation.

INVESTMENT: Permanent improvements, underground workings, excavations, buildings, etc., exclusive of equipment may be given at a reasonable replacement value of roundly $60,000.

REMARKS: The material increase of size and value of ores as noted in the main working level, compared with ores above the level, and the very considerable improvement in values immediately below the main level indicate that the enrichment of the Shorty Hope Mine, like that of the Ashland Mine, will be found deep seated with greater values at depth.
The Shorty Hope Mine, with its past production record, present development, ore tonnage and future possibilities is far above the average gold property to be found available and with power, transportation, timber, water, equipment, etc., already provided presents an unusually attractive proposition for early returns with potential possibilities for a permanent producer of vast importance.

OWNER: P. B. Wickham
Ashland, Oregon.
March, 1939.

INFORMANT: P. B. WICKHAM 3/18/39
CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO.  M013839
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. SHORTY HOPE

MINING DISTRICT/AREA/SUBDIST. ASHLAND
COUNTRY CODE. US
COUNTRY NAME. UNITED STATES
STATE CODE. OR
STATE NAME. OREGON
COUNTY. JACKSON

QUAD SCALE. TALENT

UTM Northing. 395
UTM Easting. 01W
SECTION. 11 12
MERIDIAN. K.M.

POSITION FROM NEAREST PROMINENT LOCALITY: SEC. 11: E1/2 SE1/4  SEC. 12: W1/2 SW1/4

COMMODITY INFORMATION
COMMODITIES PRESENT. AU

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV.  B

PRODUCTION
YES
CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO. 0013638
RECORD TYPE XIM
COUNTRY/ORGANIZATION USGS
FILE LINK ID GENSV
MAP CODE NO. OF REC.

REPORER
NAME LEE, W
DATE 74 01
UPDATED 80 12
BY FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION
DEPOSIT NAME SHORTY HOPE
MINING DISTRICT/AREA/SUBDIST. ASHLAND
COUNTRY CODE US
COUNTRY NAME UNITED STATES
STATE CODE OR
STATE NAME OREGON
COUNTY JACKSON
LAND CLASSIFICATION 01

QUAD SCALE 1: 62500
QUAD NO OR NAME TALENT
LATITUDE 42-12-13N
LONGITUDE 122-46-14W

UTM Northing 4672200.
UTM Easting 518950.
UTM Zone NO +10

TWP 39S
RANGE 01W
SECTION 12
MERIDIAN WILLAMETTE

POSITION FROM NEAREST PROMINENT LOCALITY: NW1/4, FROM 2400 TO 3500 FEET ELEVATION. IT LIES ON 107 ACRES OF PATENTED LAND.

COMMODITY INFORMATION
COMMODITIES PRESENT AU AG PB CU
ORE MATERIALS (MINERALS, ROCKS, ETC.):
FREE GOLD, CHALCOPYRITE, GALENA; PYRITE

MAIN ORE MINERALS:
FREE GOLD, CHALCOPYRITE, GALENA

MINOR ORE MINERALS:
PYRITE

COMMODITY COMMENTS:
2.672 Au:Ag

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 4
PROPERTY IS INACTIVE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VEIN

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
MAX WIDTH ............... 16 FT
STRIKE OF OREBODY ..... N55W
DIP OF OREBODY .......... 90

COMMENTS (DESCRIPTION OF DEPOSIT):
OLD WORKING EXPLORE VEIN ALONG STRIKE FOR 1000 FT.

DESCRIPTION OF WORKINGS
UNDERGROUND

COMMENTS (DESCRIPTION OF WORKINGS):
ADITS AND SHAFT TOTAL ABOUT 5500 FT OF WORKINGS

PRODUCTION
YES

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

ITEM ACC AMOUNT THOUS. UNITS YEAR GRADE, REMARKS
1 ORE ACC 0.026 TONS 1933 0.17 DZ/TON AU; 0.064 DZ/TON AG

SOURCE OF INFORMATION (PRODUCTION): USBM
GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS................. PERM-TRI
HOST ROCK TYPES.................... HORNFEISED METAVOLCANICS

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

GEOLGYICAL DESCRIPTIVE NOTES. COUNTRY ROCKS ARE APPLEGATE GRP RECRYSTALLIZED METAVOLCANICS & SEDIMENTS, COMPLEXLY INTRUDED BY DIXES AND Masses OF THE ASHLAND DIORITE BATHOLITH.

LOCAL GEOLOGY
NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: APPLEGATE GROUP
   AGE: PERM TRI

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES
2) NAME: ASHLAND PLUTON
   AGE: LJUR CRET

GENERAL REFERENCES
1) BROOKS, H.C. AND RAMP, L., 1968, GOLD AND SILVER IN OREGON; ODM1 BULL. 61, P.275
2) OREGON METAL MINES HANDBOOK, 1943, ODM1 BULL. 14-C, VOL. 2, SEC. 2, P.39