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PRELIMINARY RECONNAISSANCE EXAMINATION

Date: 7/19/65

By: FRED M. JOHNSON

Name of Property: MARGARITA AND
OLD GLORY MINES
Location: 2 1/2 MILES SSE OF RUBY

State: ARIZONA County: SANTA CRUZ
District: RUBY (CORONADO NATIONAL
FOREST)

Date of this Report: 7/20/65

By: FRED M. JOHNSON

Map & Aerial Photo Ref.: RUBY & ORO BLANCO QUADS. 15 MIN. SERIES
PIMA & SANTA CRUZ GEOLOGIC MAP.

Extent of Property: 6 CLAIMS

Ownership (Name & Address):

Leased or Optioned to (Name & Address):

TED S. WALLACE 3018 E. LESTER

Facilities: TUCSON, ARIZONA

(a) Accessibilities (Roads, Trails,
GOOD DIRT ROAD etc.):
WITHIN 3/4 MILE
UNIMPROVED TO MINE.

(f) Water: SMALL LAKE LOCATED 3/5 MILE
EAST OF MARGARITA MINE

(b) Air Fields: NONE

(g) Labor:

(c) Power: NONE (CLOSELY AVAILABLE) (h) Climate: ARID

(d) Telephone: NONE (CLOSELY AVAILABLE) (i) Supply Source: TUCSON & NOGALES

(e) Housing: NONE

(j) Miscellaneous:

Type of Deposit: (Describe briefly under following headings; Structure; Lithology;
Mineralogy, Stratigraphic conditions, Physiographic conditions,
Reserves, Possible Extensions, Geology, Geophysics & Drilling):
Au & Ag Veins

STRUCTURE } CRETACEOUS SHALE INTRUDED & INTER FINGERED BY ANDESITES & RHYOLITES,
& LITHOLOGY

MINERALOGY HIGHLY MINERALIZED (PYRITE). HIGH PERCENTAGE OF LIMONITE. PYRITE
HAS OXIDIZED LEAVING PSEUDOMORPHS OF LIMONITE AFTER PYRITE. STRINGERS
AND VEINS OF QUARTZ PRESENT ALONG CONTACTS OF SEDIMENTARY AND IGNEOUS
ROCKS.

Mine Workings: (Brief description of methods used, map to be attached if available)

MAGARITA

DRIFTING ALONG VEINS. LIMITED OPEN CUT ON SURFACE. LOWER LEVELS
FILLED WITH WATER, EXAMINATION NOT POSSIBLE.

OLD GLORY

DRIFTING ALONG VEINS. OPEN CUTS ON SURFACE. LOWER LEVELS
FILLED WITH WATER, EXAMINATION NOT POSSIBLE.

Production Data: (Past, present and possible future)

PAST PRODUCTION - UNKNOWN

PRESENT - ABANDONED. VISIBLE HIGH-GRADING ALONG QUARTZ VEINS.

Sampling and Analysis: (By whom--Results)

MARGARITA MINE (APRIL 20, 1934) SAMPLING & ASSAY RESULTS OF
AVAILABLE IN FILE.

SAMPLER - UNKNOWN.

SAMPLING METHOD - UNKNOWN.

Mining Equipment on Property: *NONE VISIBLE*

Mill Equipment on Property: *NONE*

Misc. Equipment on Property: *NONE*

Camp Facilities: *GOOD FACILITIES, WATER AVAILABLE NEARBY*

Ore Reserve Estimates: *POSSIBLE AFTER EXTENSIVE GEOLOGICAL EXAMINATION OR DRILLING PROGRAM.*

Recommendations and Conclusions: *PROPERTY SHOULD BE RE-EXAMINED, AS NO GEOLOGIC MAPS OF EITHER THE SURFACE OR UNDERGROUND WORKINGS ARE AVAILABLE. AN EXAMINATION OF AERIAL PHOTOGRAPHS OF THE AREA SHOULD ALSO BE MADE. NO RECOMMENDATIONS CAN BE MADE CONCERNING THE LOWER LEVELS, AS THEY ARE FILLED WITH WATER AND UNACCESSIBLE. THE HIGH DEGREE OF MINERALIZATION WARRANTS A LIMITED RE-EXAMINATION OF THIS PROPERTY.*

References: (Bibliography, Maps, Former Workers or Engineers)

Small file

NONE

Fred M. Johnson
GEOLOGIST