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04/13/87

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: DOLAND MINE

ALTERNATE NAMES:

LA PAZ COUNTY MILS NUMBER: 59

LOCATION: TOWNSHIP 6 N RANGE 13 W SECTION 5 QUARTER SE
LATITUDE: N 33DEG 53MIN 08SEC LONGITUDE: W 113DEG 37MIN 57SEC
TOPO MAP NAME: SALOME - 15 MIN

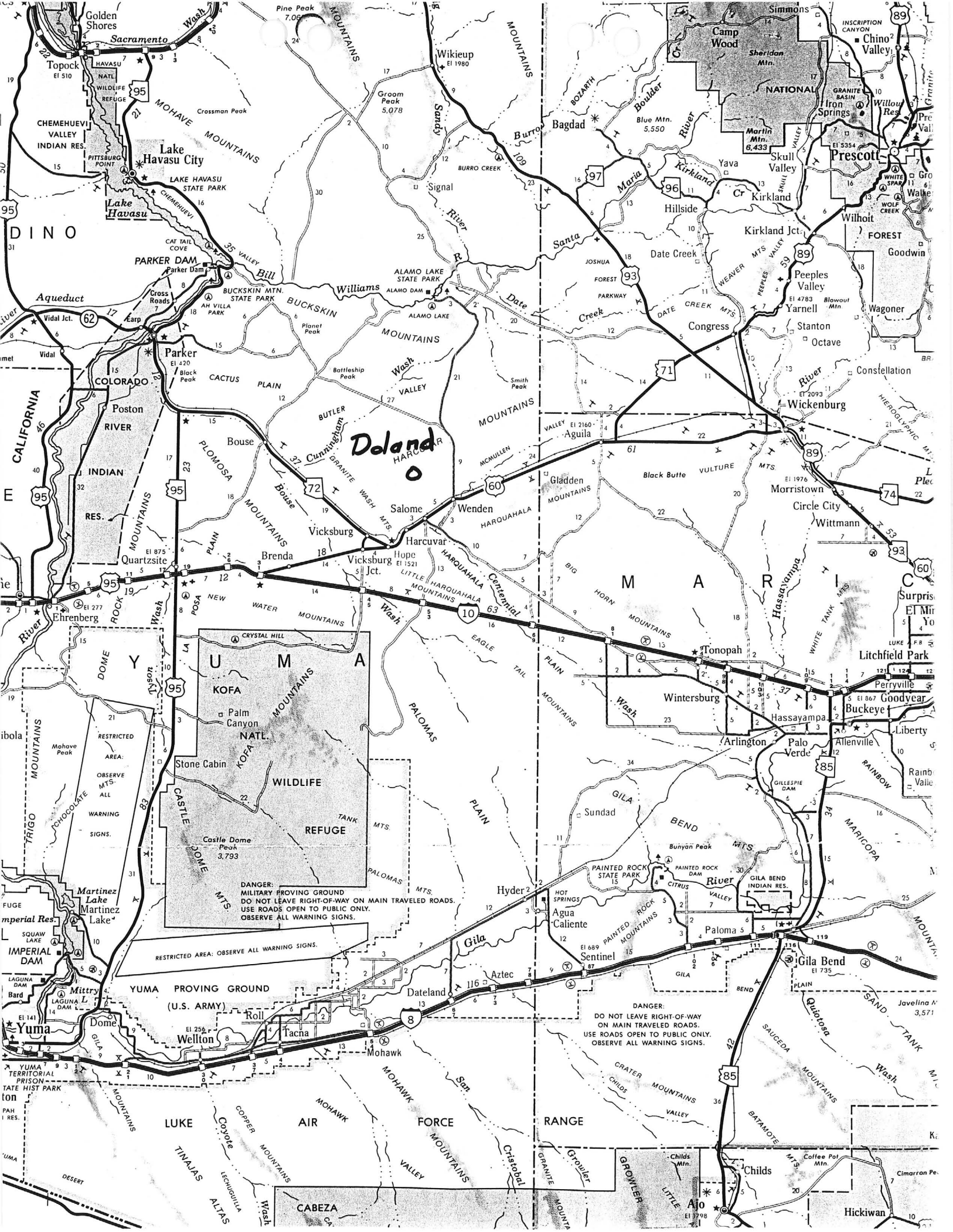
CURRENT STATUS: EXP PROSPECT

COMMODITY:

GOLD
SILVER
COPPER OXIDES
URANIUM

BIBLIOGRAPHY:

KEITH, S.B., 1978, AZBM BULL. 192, P. 147
ADMMR DOLAND MINE FILE



Doland Mine

T6N

R13W

Cottonwood Pass



Winchester Reservoir

V A L L E Y

M C M U L L E N

Wenden (BM 1869)

SANTA FE

AND

TOPEKA

ATCHISON

Salome (BM 1877)

SALOME AIRPORT

Salome Quad

Salome High Sch

Hercules Mine

Campbell House

Bunker Hill Mine

DOLAND MINE

LA PAZ COUNTY

RRB WR 4/10/87: Called Jim Youell to confirm that Pacific Mining Co was working at the Doland Mine (file) La Paz County. He reports that they have a lease-option on the property and that he has no connection with them at the operation.

DOLAND MINE

LA PAZ COUNTY

NJN WR 5/7/82: James Youell, registered geologist, P O Box 338, Wendon, Arizona 85357, visited. He reported he was doing a pilot cyanide heap leach test to recover gold using the dump material at the Doland Mine, Yuma County. If the test goes well he will try to mine some vein material with a backhoe or slusher.

NJN WR 5/21/82: Dave Gossler, an investor in the limited partnership, Rainbow Mining visited. Rainbow Mining's address is 3336 N. 32nd St., Phx, Az, 957-4670. He reported that Rainbow Mining has done a pilot heap leach test at the Doland Mine, Yuma Co. Him Youell owns the claims there and is the company's geologist and leaching expert. Mr. Gossler said values have ranged from .18 - .05 oz/ton Au. with copper oxides. The copper values, though not specified, were high enough to require acid leaching prior to cyanide leaching in the test heap. Four veins were reported as carrying gold with one of those higher than the others in copper. Before operations are scaled up, Mr. Gossler wanted the names of some independent geologists or mining engineers to check the sampling and ore reserve calculations done by Mr. Youell.

NJN WR 6/11/82: Gil Matthews, a consulting mining engineer, visited and reported he had made an examination of the Doland Mine at the request of Rainbow Mining. The property consists of narrow cupriferous gold quartz veins. His recommended mining method would be slusher mining due to the narrow vein widths. Mr. Matthews was interested in researching hypo-chlorine leaching as a recovery method for the gold and copper rather than leaching with sulphuric acid to remove the copper and then making the system alkaline and leaching with cyanide to recover the gold.

RRB WR 6/11/82: Gil Matthews was in and reports that he is doing metallurgical work at the Doland Mine in Yuma County. Their gold ore contains considerable copper and he was investigating the hypochlorite method. I think I convinced him to send a sample to Mountain States or Hazen for evaluation best flow sheet.

RRB WR 6/25/82: Visited the Doland Mine and found it shut down and no one was there. A very well laid out heap leach pilot plant was enclosed by a chain link fence. Approximately 300 tons were on the pad, pregnant and barren tanks were steel, 10' x 4' high. Charcoal stripping circuit, two safety showers, water tank on hill, solar panel for heating leach solutions and a Case 350 tracked loader were observed. Neatly installed PVC piping and valves tied it together.

NJN WR 7/2/82: Jim Youell called and reported good results from the core drilling at the Doland Mine, Yuma County. Results were mixed on the test heap. The top 6" were leached while the lower portion slimed, due to too much fines, and retained the gold. To rectify this situation a new crushing, washing and screening plant will be arriving on site July 1. He believes most of the gold values are with the + $\frac{1}{2}$ " material and that is what they will go to on the next leach test.

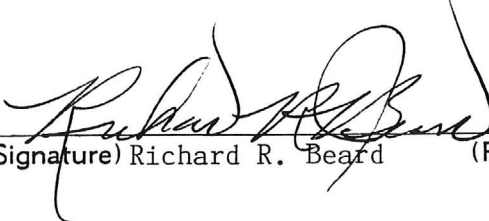
ARIZONA DEPARTMENT OF MINERAL RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: James Youell
Address: P.O. Box 338, Wenden, AZ 85357 859-3491
2. Mine: Doland (AKA Pittsburgh Project) 3. No. of Claims - Patented _____
Unpatented Approx. 40
4. Location: Approx. 8 miles NW of Wenden - Shown on Salome 15' quad.
5. Sec 4,5,8 & 9 Tp 6N Range 13W 6. Mining District Ellsworth
7. Owner: James Youell
8. Address: P.O. Box 338, Wenden, AZ 85357
9. Operating Co.: Pacific Mining Corp.
10. Address: (Local) Salome, AZ 859-3808
11. President: Rainald F. Johnston 12. Gen. Mgr.: _____
13. Principal Metals: Gold 14. No. Employed: _____
15. Mill, Type & Capacity: _____
16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☒
(d) Production ☐ (e) Rate _____ tpd.
17. New Work Planned: Pilot plant planned to check feasibility

18. Miscl. Notes: Pacific Mining Corp. holds a lease with option to buy on
property. Will exercise option if pilot plant run indicates commercial
operation.

MILS No. 59 - La Paz Co.

Date: April 6, 1987


(Signature) Richard R. Beard

(Field Engineer)