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08/28/96

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: GOLD DIKE

ALTERNATE NAMES:

GILA COUNTY MILS NUMBER: 581

LOCATION: TOWNSHIP 10 N RANGE 10 E SECTION 32 QUARTER N2
LATITUDE: N 34DEG 10MIN 20SEC LONGITUDE: W 111DEG 21MIN 10SEC
TOPO MAP NAME: PAYSON SOUTH - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

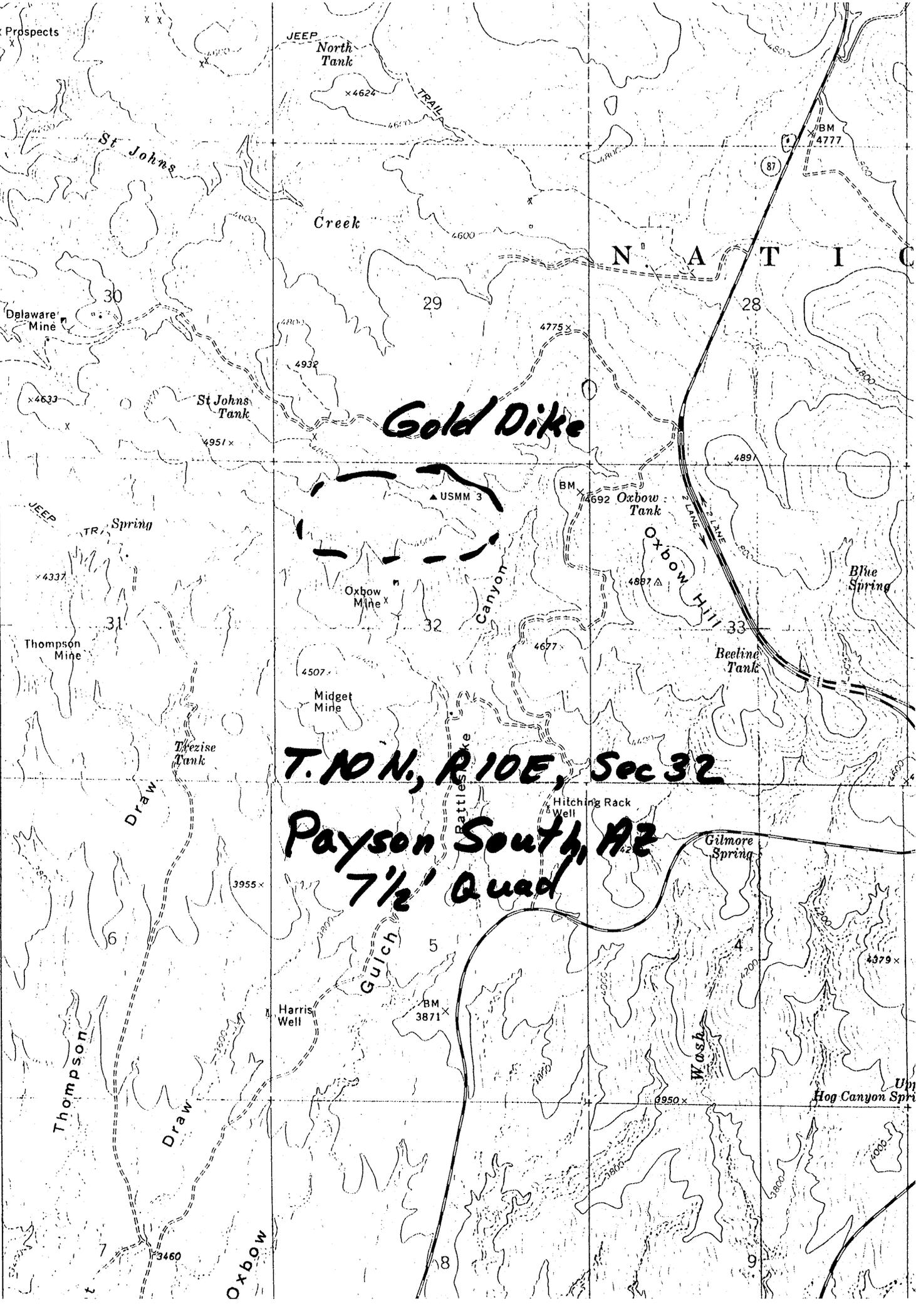
COMMODITY:

GOLD LODE
COPPER OXIDE

BIBLIOGRAPHY:

ADMMR GOLD DIKE MINE FILE
CLAIMS MAY EXTEND INTO SEC 29

3752 III NW (NORTH PEAK)
3782
3781
10'
3780
T. 10 N
T. 9 N
3779
3778



Gold Dike

T. 10 N., R. 10 E., Sec 32

**Payson South, AZ
7 1/2' Quad**

N A T I C

Prospects

North Tank

St Johns

Creek

Delaware Mine

St Johns Tank

Gold Dike

Spring

Oxbow Mine

Oxbow Tank

Oxbow Hill

Blue Spring

Thompson Mine

Midget Mine

Beeline Tank

Thezise Tank

T. 10 N., R. 10 E., Sec 32

Payson South, AZ
7 1/2' Quad

Hitching Rack Well

Gilmore Spring

Draw

Guich

BM 3871

Harris Well

Thompson

Draw

Wash

Hog Canyon Spr

Oxbow

8

9

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine : Gold Dike Mine

Date : September 27, 1960

District : Green Valley District, Gila Co.

Engineer : Lewis A. Smith

Subject: Telephone interview with Tony Polito who has a lease option on the property.

Location: T. ^{10N}30 N., R. 10 E., Sec. 31-32

au-cu

Lessee: Tony Polito, 1733 South Monte Vista Drive, Scottsdale.

Work: The mine has three tunnels up to 200 feet deep. These intercept narrow quartz stringer veins which occupy shears. Polito wants to assemble a small mill to treat the ore.

Geology: The area comprising the Ox Bow and Delaware properties which border the Gold Dike on the south and north, respectively, consists of a large hornblende dioritic mass which has been intruded by andesite porphyry dikes at a number of places. The veins may be formed as stringer lodes along the dike contacts or in shears. These consist of numerous quartz stringers or pockets of quartz. The 'gold veins are usually narrow and will run from \$30.00-\$70.00 in gold, with some copper. According to Polito, the Gold Dike mineralization is similar to that in the Delaware Mine which, he said, was being activated by R. W. Thompson, the owner, who has two men working at present in the mine and at his mill. In the Delaware, limonite is usually associated with the gold and the ore is free milling. The best values commonly line the borders of the shear zones. High grade narrow seams occasionally run up to 10-13 ounces in gold. Seams occasionally run up to 10-13 ounces in gold. The diorite is specked by limonite which could indicate chalcopyrite-pyrite or could have resulted from the weathering of the ferro-magnesian hornblende or biotite mica in the diorite. Other limonitic seams or veinlets more probably were derived from sulphides. Often the material between the better streaks will run \$10.00 to \$15.00 in gold. The overall average across the better mineralized zones will approximate \$35.00 to \$70.00. Should the same conditions exist in the Gold Dike, a small mill might work. The general topographic conditions also indicate the possibility of placer gold in the gullies which cross the mineralized areas.