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PRINTED: 03/05/2003

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: GB CLAIMS

ALTERNATE NAMES:

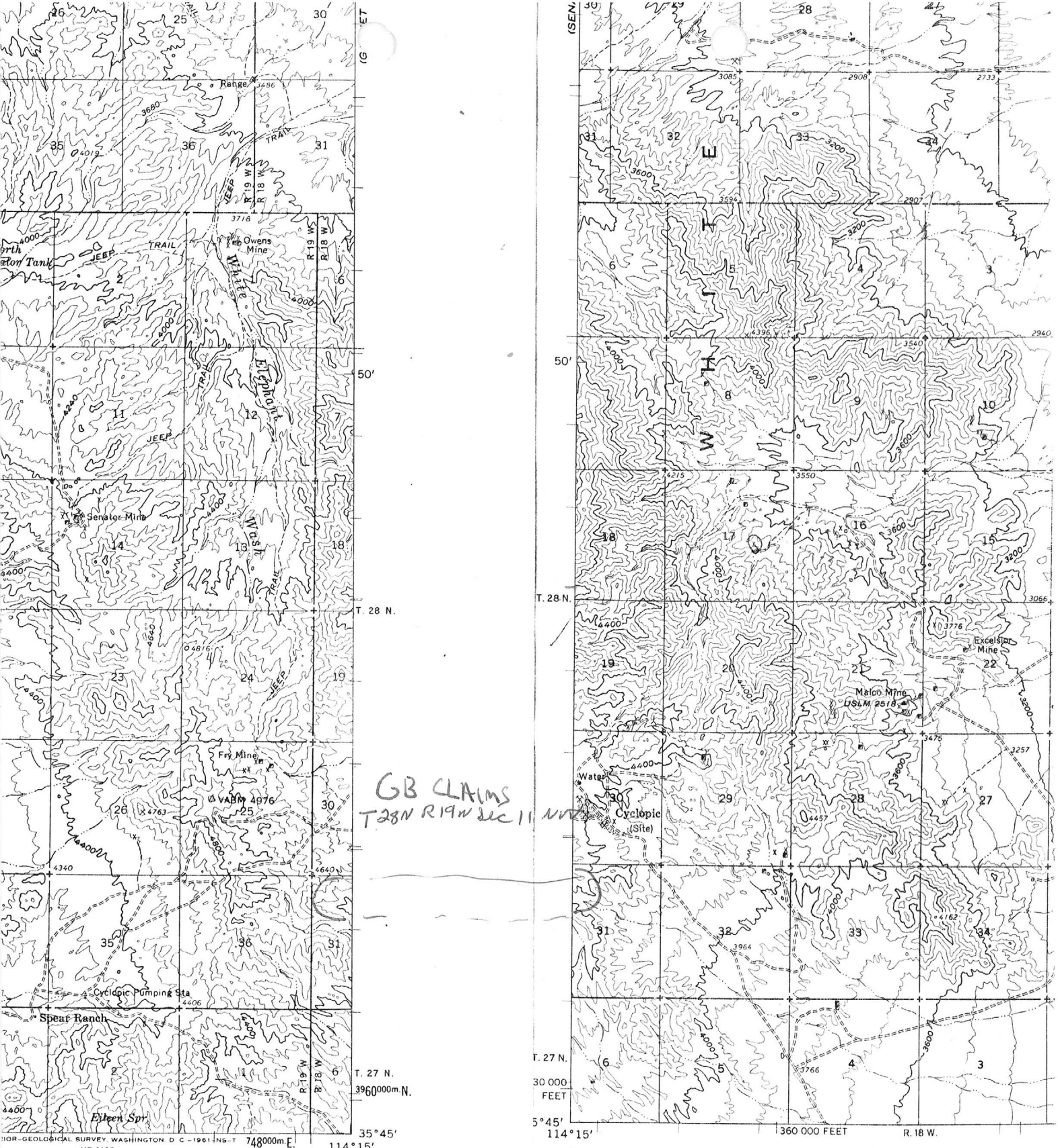
MOHAVE COUNTY MILS NUMBER: 753

LOCATION: TOWNSHIP 28 N RANGE 18 W SECTION 31 QUARTER NW
LATITUDE: N 35DEG 46MIN 30SEC LONGITUDE: W 114DEG 14MIN 58SEC
TOPO MAP NAME: GARNET MTN - 15 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:
GOLD

BIBLIOGRAPHY:
ADMMR GB CLAIMS FILE



GB CLAIMS
T28N R19W SEC 11 NW

ROAD CLASSIFICATION

Medium-duty — Light-duty

Unimproved dirt

SENATOR MOUNTAIN, ARIZ.
N3545—W11415/15

1960

30

MO

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1958. Field check 1960

Underwater contours compiled from USDA maps
and later sedimentation studies

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks,
zone 11, shown in blue

Land lines unsurveyed in parts of T. 29 N.–R. 18 W.,
and T. 30 N.–Rs. 17 and 18 W.

15½

TRUE NORTH

MAGNETIC

APPROXIMATE M
DECLINATION,

GARNET MOUNTAIN 15'

GB PROPERTY, GOLD BASIN DISTRICT

GB CLAIMS (F) MOHAVE

MOHAVE COUNTY, ARIZONA

12 CN

LAND: The GB PROPERTY, held by James D. Loghry, Russell M. Corn and Richard Ahern, covers all or parts of sections 30 and 31, T. 26 N., R. 18 W. and 24, 25 26 and 36, T. 26 N., R. 19 W., and includes 80 unpatented lode claims, a 320 acre State Prospecting Permit and a 320 acre mineral lease from Santa Fe R.R.

GEOLOGY: A complex sequence of Precambrian metamorphic and igneous rocks, and a Laramide leucogranite are all cut by lamprophyre dikes of Tertiary age and offset along the Gold Basin detachment fault. The lower part of the upper plate of this fault includes a "Crush" zone of brecciated mixed lithology of up to 200 feet in thickness grading upward into a zone of larger fault-bounded blocks of similarly mixed lithology including all of the units described above. Late Tertiary, post mineral, fanglomerate and rhyolite tuff overlie and partially conceal the older, faulted and mineralized rocks.

MINERALIZATION: Alteration and gold mineralization has been identified in four separate areas on the GB Property, localized within wide shear zones cutting gneiss and, to a lesser extent, the biotite granite, within the complexly faulted rocks above the detachment fault. Alteration and mineralization were also noted in some drill holes below the projected plane of the low angle fault. Gold mineralization is associated with hematite, siderite, local quartz and fluorite localized within the high-angle sheared and fractured zones and also occurs as extensive, elongate tabular zones in the "Crush" zone above the low-angle detachment fault. Most of the drilling and surface trenching described below has been in the area of the best surface exposures of mineralization, around the Red Cloud shaft. Gold mineralization in the adjacent Cyclopic open pit and Fry mine is hosted in a similar setting above the detachment fault zone however alteration and mineralization are known to extend below the level of the detachment fault into the lower plate.

EXPLORATION ACTIVITY:. Drilling, surface trenching, geochemical sampling and geophysics have further defined the exploration potential of these mineralized zones. The drilling programs are tabulated below and the better drill hole intercepts are summarized on Table 2. Trench sampling over the Red Cloud zone showed 93 feet of .040 OPT Au in a road-cut and 50 feet of .062 OPT in a dozer trench across the same zone with several other trenches showing similar results.

COMPANY	HOLES	FT. DRILLED	AVG	DATES
U. S. BORAX	16	5,645'	353'	10/24/83 to 12/18/83
TOLTEC RESOURCES	29	9,143'	315'	9/20/88 to 8/27/90
CONSOLIDATED RHODES	24	7,390'	308'	12/16/90 to 4/15/91
TOTALS:	**69**	**22,178'**	**321'**	

Table 1. Summary of drilling activity on GB property, Gold Basin, Arizona

RESULTS: Work to date suggests the presence of an exploration target in the Gold Basin District having potential for five to ten million tons of gold mineralization amenable to open-pit mining, at ore grades comparable to those being produced elsewhere in the Western U.S. This estimate does not include the exploration potential for additional mineralization concealed beneath the fanglomerate and other post-mineral cover or on adjacent properties. All of the exploration data from the GB Property is held by the owners and is available for review.

R.AHERN 10/3/91

2. Significant d l hole interecpts from Gold B , Mohave Co., Arizona.

HOLE	INTERVAL	FEET	OPT Au
	U. S. BORAX DRILLING		
GB-5	110-120	10'	.033
GB-7	0-5	5'	.047
	60-75	15'	.103
	130-140	10'	.051
GB-11	145-150	5'	.067
	TOLTEC RESOURCES INC. DRILLING		
T-1	90-110	20'	.027
T-2	150-160	10'	.051
T-5	0-30	30'	.034
	70-110	40'	.022
	150-170	20'	.022
T-6	50-60	10'	.032
	110-120	10'	.056
	160-170	10'	.030
T-11	90-105	15'	.030
	340-440	100'	.270
	(360-390)	(30')	(.850)
	470-475	5'	.053
T-13	260-275	15'	.034
T-15	0-20	20'	.042
	65-90	25'	.064
	115-125	10'	.235
	(0-160)	(160')	(.038)
T-16	0-20	20'	.026
T-17	0-10	10'	.024
T-19	0-45	45'	.035
	45-60	15'	.021
	90-105	15'	.041
	115-125	10'	.032
	(0-125)	(125')	(.026)
T-20	0-10	10'	.033
	30-45	15'	.027
	55-65	10'	.022
	185-210	25'	.030

HOLE	INTERVAL	FEET	OPT Au
	TOLTEC RESOURCES (Continued)		
T-21	25-30	5'	.038
	245-250	5'	.093
T-22	25-45	10'	.033
	65-75	10'	.035
T-23	0-170	170'	.033
T-25	285-290	5'	.035
T-26	70-80	10'	.053
	100-105	5'	.055
	195-205	10'	.028
T-27	70-105	35'	.031
	185-205	20'	.046
T-28	120-125	5'	.091
	230-235	5'	.088
T-29	75-110	35'	.075
	CONSOLIDATED RHODES DRILLING		
GB-90-1	55-115	60'	.039
GB-90-2	35-70	35'	.039
GB-91-3	90-165	75'	.027
GB-91-4	0-150	150'	.060
GB-91-9	25-135	110'	.020
GB-91-11	115-140	25'	.020
GB-91-12	165-185	20'	.028
GB-91-18	240-260	20'	.082
GB-91-19	300-380	80'	.073

GB CLAIMS MOHAVE COUNTY

NJN WR 7/24/87: Fred Johnson (card) Durango, Colorado reported that he is going to have Hecla (file) look at Jim Loghrey's GB Claims (file) Mohave County.

G B CLAIMS MOHAVE COUNTY

MG WR 3/15/85: Reportedly Messrs. Dick Ahern and Russ Corn, consulting geologists of Tucson, have retained interest in the GB group of claims west of the Cyclopic mine. The GB group was held initially by Pacific Coast Mines, 3075 Wilshire Blvd., Los Angeles, Calif. 90010, a subsidiary of U.S Borax. Apparently there is a gold resource identified on this property. It may center on the Fry mine (file). Mr. Corn is considering my request to give the department a summary description of the property so a file can be made available to the public.

NJN WR 2/20/87: Russ Corn (c) reports that all inquiries about the GB Claims (Fry Mine - file) Mohave County should be directed to James Loghry, 2121 E. Monte Vista Drive, Tucson, Rizona 85719, 323-2945.

NJN WR 2/20/87: Russ Corn (c) reported that the GB Claims (Fry Mine - file_ Mohave County consist of a zone of elongate mineralization similar to the Cyclopic. This zone is 100' wide and contains up to 200' thick detachment breccia which contains ipethermal mineralization. Currently, a company called Ithacarus is conducting a trenching program of the property. The Fry Mine is most likely a NW extension of the Cyclopic detachment mineralization.

NJN WR 6/5/87: Jim Loghry (card) visited and reported that his GB Claims, Mohave County are available again. Ithacarus has left the property after completing a shallow trenching program. Inquiries concerning a detachment-related property with a 200 X 900' mineralized zone defined should be referred to Mr. Loghry.

NJN R 6/12/87: Jim Loghry (card) believes that on their GB Claims (file) Mohave County that they have 3 low angle plates with high angle faults in the middle plate with the upper plate being alloctothonous sediments. These high angle faults with their contact in the middle plate serves as feeder conduits for the mineralization. He also reported that they have another mineralized showing in Sec 25 that runs north northwest and is approximately 2500' long which they call their Number Two Zone. This may be a faulted extension of mineralization in Sec 24 which strikes north/south and shows a hematite alteration 25' wide.
