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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: NEW RIVER DEPOSIT

ALTERNATE NAMES:

MARICOPA COUNTY MILS NUMBER: 687

LOCATION: TOWNSHIP 7 N RANGE 3 E SECTION 6 QUARTER S2  
LATITUDE: N 33DEG 58MIN 28SEC LONGITUDE: W 112DEG 05MIN 27SEC  
TOPO MAP NAME: DAISY MOUNTAIN - 7.5 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:  
GOLD

BIBLIOGRAPHY:  
ADMMR NEW RIVER DEPOSIT FILE

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

DAISY M. QUAD

NEW RIVER DEPOSIT  
T. 7 N., R. 3 E. 16 + 7

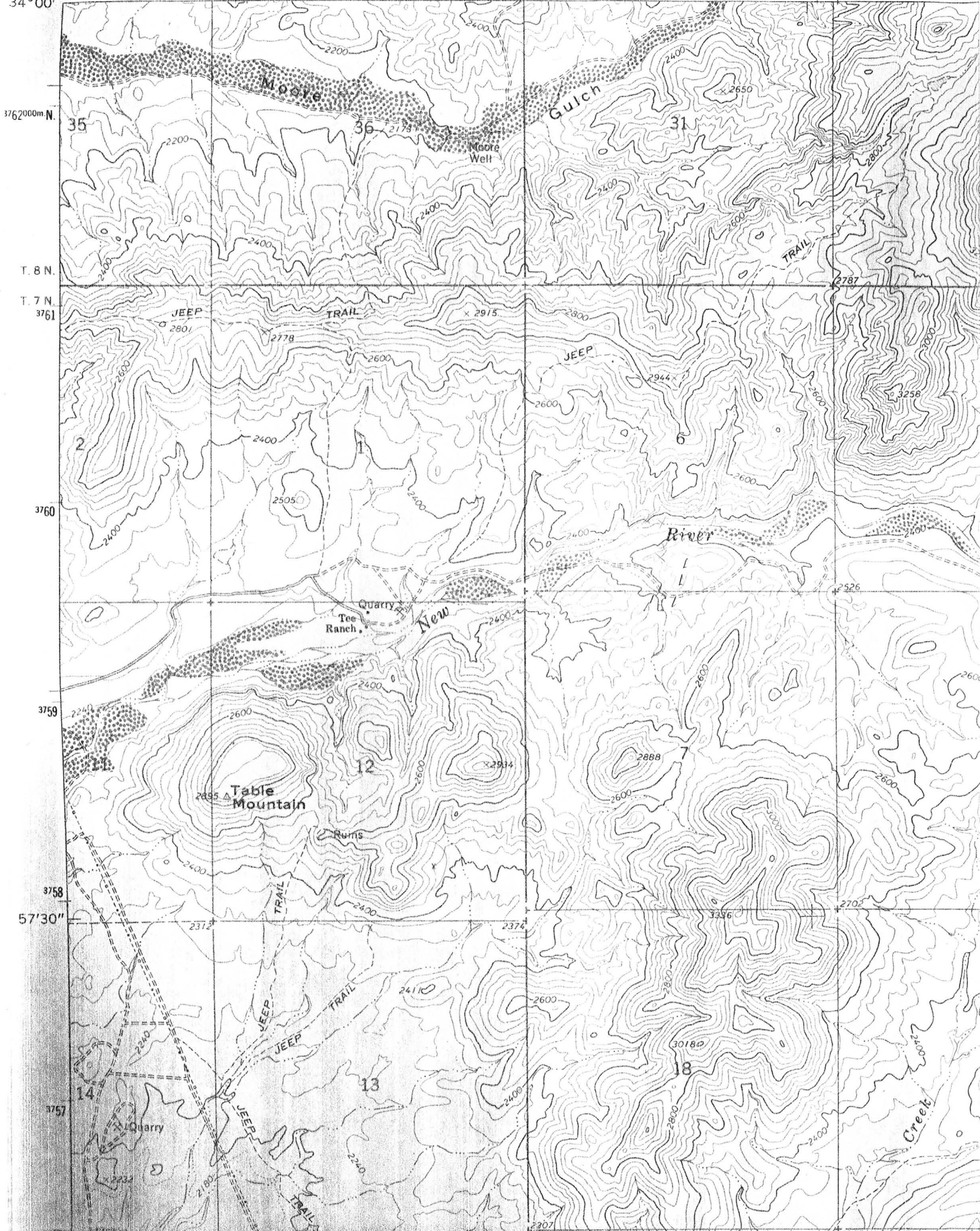
112°07'30"  
34°00'

397000m E

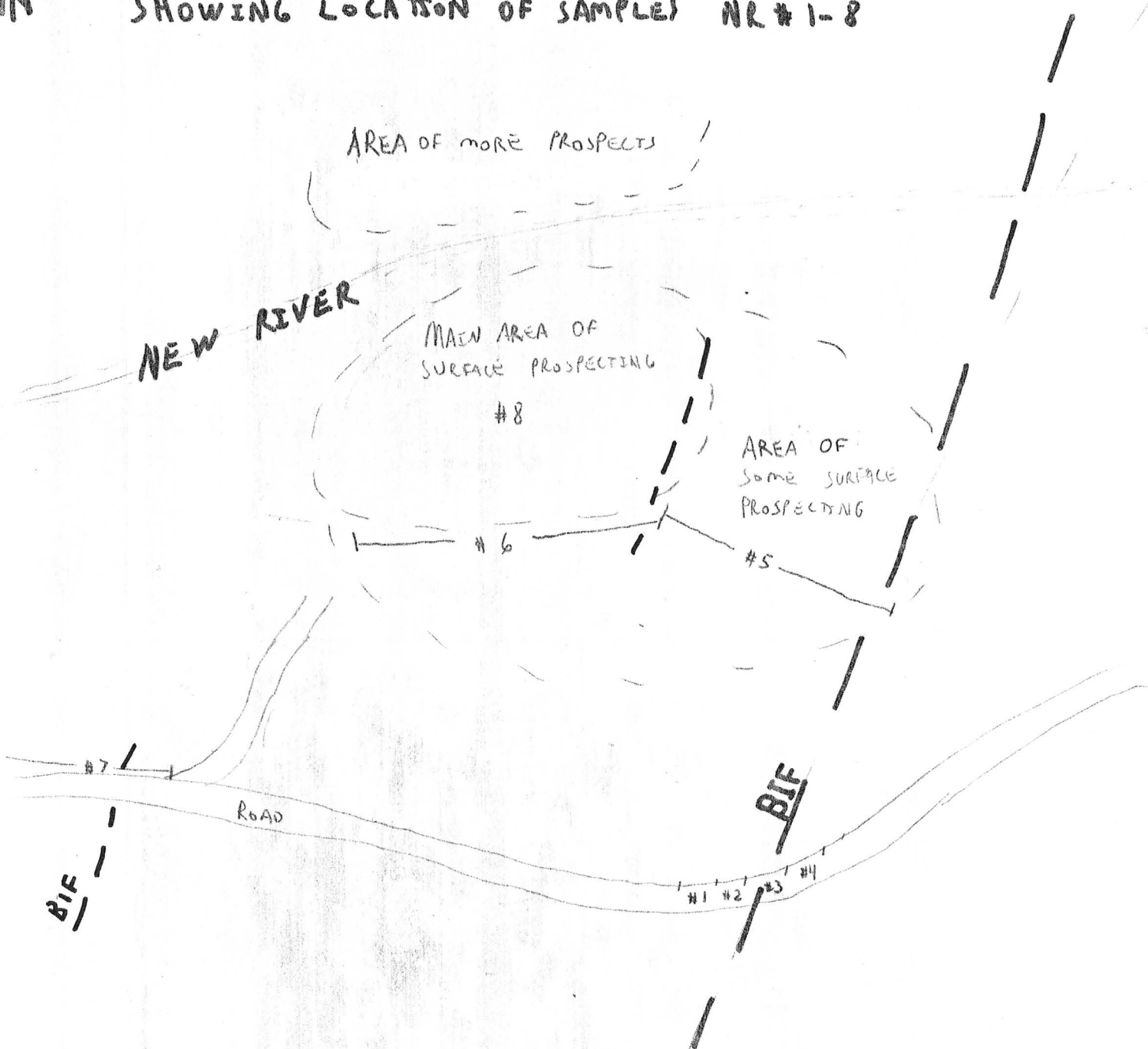
398 R. 2 E. R. 3 E.

399

5' 400



NEW RIVER DEPOSIT, MARICOPA CO.  
SKETCH MAP OF THE  $5\frac{1}{2}$ , Sec 6, R3E, T7N  
SHOWING LOCATION OF SAMPLES NR #1-8



NOT TO SCALE

6-83 NJN

NEW RIVER DEPOSIT

MARICOPA COUNTY

NJN WR 6/10/83: In the company of James Bond, visited the New River Deposit, Maricopa County. A separate report describing the geology and samples taken has been written.

*Note date*

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NJN WR 2/26/83: Phil Anderson reported that the legal description for the New River Deposit mentioned in his massive sulfide paper is T7N R3W Sec. 6 S $\frac{1}{2}$ . He wished to emphasize that he no longer considers this to be a massive sulfide deposit but rather considers it to be a disseminated sulfide zone with gold values. With regard to his PhD Thesis, he stated that it still is not finished. It covers the Precambrian geology of 78 - 7 $\frac{1}{4}$ " Quads and that it has gotten to be a monster. He will have to leave the economic geology out of it and dwell just on straight geology. When that is finished, he would like to publish something just on the economic occurrences. Also he would like to write up about another hundred of the disseminated sulfide occurrences that have "high" precious metal content. Perhaps we could help him publish this sort of thing since it would not be an acceptable type of paper for the esoteric professional journals.

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NJN WR 3/2/84: James Kasten, geologist, 3848 W. Sandra Terrace, Phoenix, Arizona 85023, reported on a long rock chip traverse at the New River Deposit across the schist structure. A sample contained .7 ppm Au and a sample across one of the bifs ran 5.9 ppm Ag.

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NJN WR 12/28/84: From visitor information and a brief field visit to the New River Deposit (f) Maricopa County it should be noted that the prospects pits and drilled and shot areas seen on both sides of the river are due to quarrying dimension stone. Areas in the schist with red and yellow Liesegang banding have been mined as a very attractive building stone.



# Silver Systems Inc.

1021

2114 W. DESERT COVE PHOENIX, ARIZONA 85029  
602-861-2138

Name James Bowd II Control # \_\_\_\_\_  
 Date 6-6-83  
 Address Melvin Coal Co.  
 City West Virginia State \_\_\_\_\_ Zip \_\_\_\_\_

Type of Material: ASSAY MELT BOTH OTHER  
are samples

Assay For: Ag Au Pt Pd Other \_\_\_\_\_

Date Due: \_\_\_\_\_ Date Complete: \_\_\_\_\_

### RESULTS

Sample	Ag	<u>Au</u>	Pt	Pd	Other	Other
1 MR-1		nil	3/4			
2 MR-2		Trace	"			
3 MR-3		Trace	"			
4 MR-4		.01	"			

Assayer Jim Wilson

Remarks: \_\_\_\_\_  
 TOTAL AMOUNT DUE: \$ 110.00 All # 2018 # 2019 # 2020  
 DATE PAID: 6/7/83

I hereby certify that I have the authorization to release the materials listed above for assay and/or melting. I further certify that I hold true and lawful title to all materials listed above and have met all state and federal requirements concerning these.

RELEASED BY: Delivered by Kurt Cust. cl# 2353

RECEIVED BY: MR. Dymum



# Silver Systems Inc.

A 1018

2114 W. DESERT COVE PHOENIX, ARIZONA 85029  
602-861-2138

Name James Board II Control # \_\_\_\_\_  
 Date 6-6-83  
 Address Melvia Coal Co.  
 City West Virginia State \_\_\_\_\_ Zip \_\_\_\_\_

Type of Material: ASSAY MELT BOTH OTHER

Assay For: Ag Au Pt Pd Other \_\_\_\_\_

Date Due: \_\_\_\_\_ Date Complete: \_\_\_\_\_

### RESULTS

Sample	Ag	Au	<del>Au</del>	Pd	Other	Other
5 MR 5 Knob to Knob		.005	g/ton			
6 MR 6		.005	"			
7 MR 7		.005	"			
8 MR 8 <u>old markings</u>		.01	"			

Assayer Jim West

Remarks: \_\_\_\_\_

TOTAL AMOUNT DUE: \$ \_\_\_\_\_ DATE PAID: \_\_\_\_\_

I hereby certify that I have the authorization to release the materials listed above for assay and/or melting. I further certify that I hold true and lawful title to all materials listed above and have met all state and federal requirements concerning these.

RELEASED BY: \_\_\_\_\_

RECEIVED BY: \_\_\_\_\_

MINE AND PROSPECT FIELD VISIT DATA SUMMARY

Sheet 1 of 2

COMMODITIES Gold  
MILS ID No. 687 (New) Date 6/5/83  
ENGINEER Nyal J. Niemuth  
INFORMATION FROM: Same

PROPERTY SUMMARY

I. MINE NAME New River Deposit OTHER POSSIBLE NAMES  
INCLUDING ANY CLAIM NAMES NOTED

II. LOCATION: T 7N R 3E SEC(S) 6, S $\frac{1}{2}$ ; 7 N $\frac{1}{4}$  MINE DISTRICT  
ELEV. 2560' COUNTY Maricopa TOPO QUAD. Daisy Mtn. 7 $\frac{1}{2}$   
DIRECTIONS As on topo.

Geology & Sample sketch map attached Topo MAP ATTACHED Yes

III. OWNERSHIP: NAME State Mineral Section PHONE  
ADDRESS: No current leases or prospecting permits  
COMPANY NAME IF ANY:  
PERTINENT PEOPLE

IV. PROPERTY AND HOLDINGS: See above

V. PAST PRODUCTION - NOTED, KNOWN, PROBABLE, UNKNOWN, NONE Unlikely

IV. CURRENT STATUS: Abandoned

IIV. WORKINGS: Surface prospects - Areas of the workings shown on sketch map. It appears these were very shallow scrippings which were probably gravity concentrated in the New River for residual gold content.

IIV. GEOLOGY AND MINERALOGY: DEPOSIT TYPE: Disseminated sulfide ? *Syrtentia Exhibits?*  
LENGTH: Open WIDTH: Plus 1/2 mile STRIKE N20-25°E DIP Verticle  
HOST ROCK: Yavapai Schist, locally Bif and meta-volcanic units  
ECONOMIC MINERALS: Gold

COMMENTS: Area contains several BIF's (Banded Iron Formations). The schist unit is siliceous with limonite. Originally it was probably andesite or rhyolite. To the east is a purple slate.

IX. EQUIPMENT ON SIGHT: None



X. SAMPLING: NOTE TYPE IF ANY, DRILLING? 8 samples were taken. Samples were quick and dirty traverses to collect rock chips. See sketch map for location of samples. Also, see description of samples for assay results.

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XI. ~~REFERENCES AND~~ REMARKS Additional mapping and sampling is recommended. This may locate a lense or zone of ore grade mineralization which could be amenable to an open pit/cyanide heap leach operation.

XII. REFERENCES: Anderson & Guilbert, Precambrian Massive Sulfide Deposits of Arizona - A Distinct Metallogenic Epoch and Province, Nevada Bureau of Mines and Geology, Report #33. p. 38-48.

Mine & Prospect Visit  
Nyal J. Niemuth  
New River Deposit  
June 5, 1983

DESCRIPTION OF NR SAMPLES #1-8

Sample #	Assay (Gold) (oz/ton)	Sample Description
NR#1	Nil	Sample width 20' material was iron stained siliceous schist showing minor relic sulfides. Sample taken from road cut.
NR#2	Trace	Sample width 40'. Sample similar to NR#1 but showed increased amount of quartz. Sample taken from road cut.
NR#3	Trace	Sample width 35'. Sample goes across BIF structure. Highly siliceous material containing disseminated sulfides. Sample taken from road cut.
NR#4	.01	Sample width 35'. Sample similar to NR#2. Sample taken from road cut.
NR#5	.005	Grab sample traverse of approximately 400' length from BIF knob to small knob with only juniper in area on it. Traverse was across schistosity. Material was siliceous schist.
NR#6	.005	Grab sample traverse of approximately 400' taken on west strike contiguous to sample #5. Area of generally poor exposures and bleached outcrops. Material was siliceous schist.
NR#7	.005	Grab sample of outcrop along side drainage for about 250'. Material included weak BIF structure and small area of siliceous conglomerate.
NR#8	.01	Attempt at taking high grade grab sample in area of old prospects. Material selected included more iron rich joints and stringers than other samples.

Samples taken by James Bond and Nyal Niemuth on 6/5/83. Assays performed by James Weatherby, Arizona Registered Assayer.