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James Doyle Sell Mining Collection

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September 21, 1990

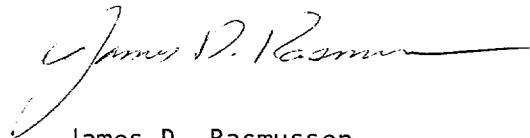
J.D. Sell

Aquarius XXV
Sampling
Mohave County, Arizona

Twelve samples have been collected from this property. The location of the samples and their description are attached. Little evidence of sampling or premining development is present. The gravels in general are granitic in composition being dominantly K-spar and quartz grains. The subrounded nature of the aggregate would imply a not too distant source. Gravels are hematite stained along the valley front as noted on the location map.

The samples have been submitted to American Assay Labs here in Tucson. A sample's weight will be taken; the sample screened to minus $\frac{1}{4}$ inch and another weight taken. The sample will then be split. One split will be assayed. The second will be screened to minus 80 mesh and then assayed.

JDR:mek
Att.

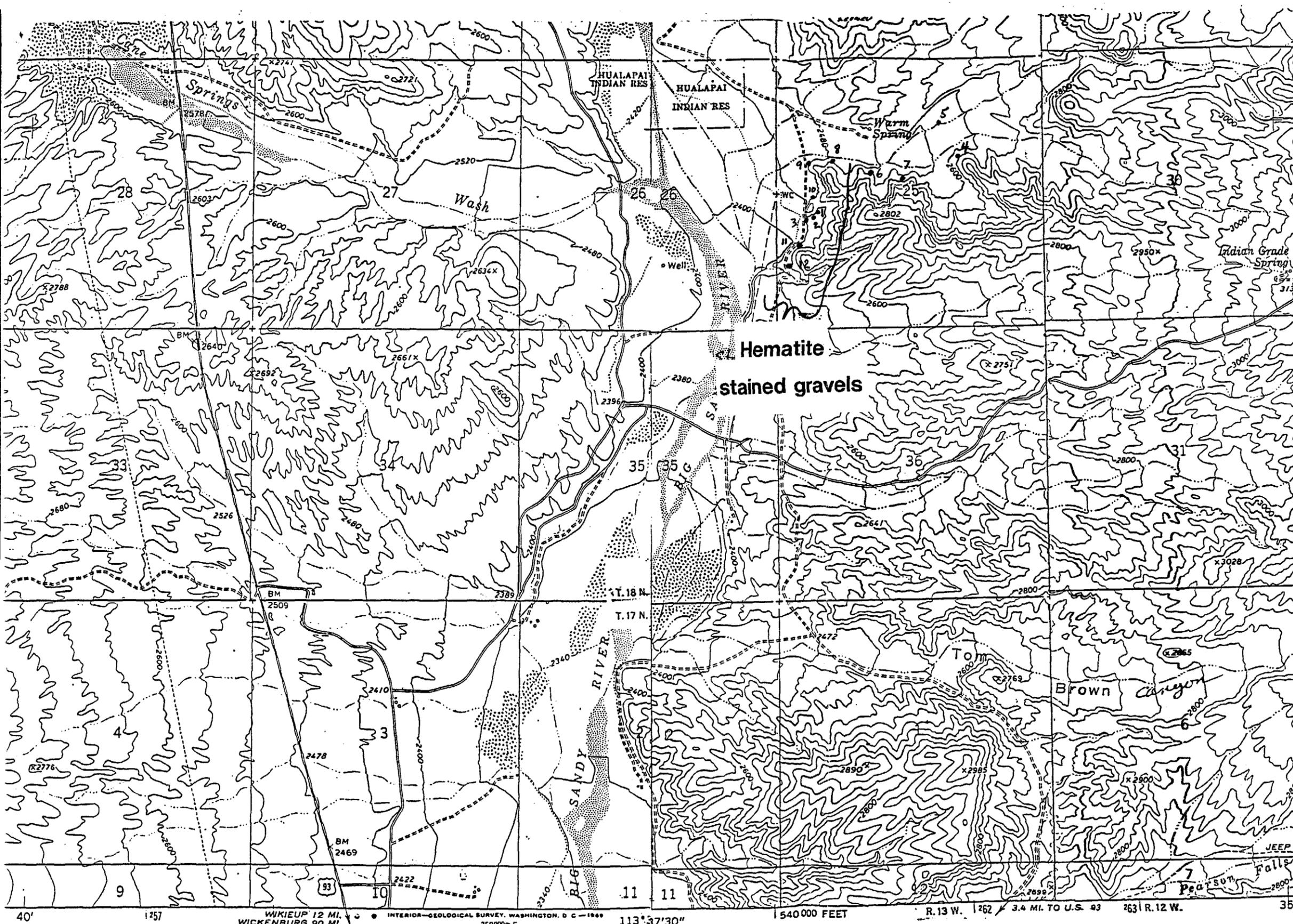


James D. Rasmussen

SAMPLE DESCRIPTIONS

Aquarius XXV Submittal

- A25-1 5' Channel sample from open cut face; gravel, hematite stained, aggregate is mostly granitic with some chlorite schists? and other metamorphics. Finer sized material is dominantly angular quartz and K-spar. Plus 1/8 material is subrounded.
- A25-2 4.5' Channel sample from open cut. As above.
- A25-3 Stockpiled gravels (approx. 3 yards of material). Lithology as above.
- A25-4 Grab sample from hill side. Lithology is similar to above, but lacks hematite.
- A25-5 Sample of now active drainage. Lithology is similar, but lacks hematite.
- A25-6 Grab samples across transition from non-hematite to hematite bearing gravels, lithology similar.
- A25-7 3.5' Channel sample from sand sized material exposed by stream cutting into hillside, lithology similar.
- A25-8 Grab sample, lithology similar but hematite stained.
- A25-9 3.0' Channel sample from road cut, lithology as above with hematite.
- A25-10 6.0' Channel sample from cliff face, lithology as above with hematite.
- A25-11 4.0' Channel sample from road cut, lithology as above with hematite.
- A25-12 3.5' Channel sample from road cut, lithology as above with hematite.



WIKIEUP 12 MI. WICKENBURG 90 MI. INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. - 1969 259000m.E

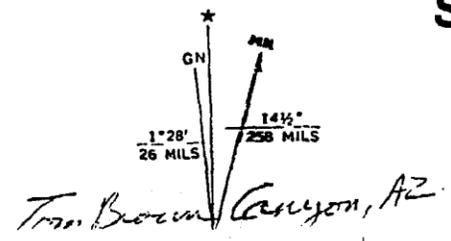
Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from aerial photographs taken 1966. Field checked 1967
 Polyconic projection. 1927 North American datum
 10,000-foot grid based on Arizona coordinate system, west zone
 1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

ROAD CLASSIFICATION
 Medium-duty ——— Light-duty ———
 Unimproved dirt ■■■■■■■■
 U.S. Route □

Belgium Wash, AZ

SAMPLE LOCATION MAP

Aquarius xxv Mining Project



PRELIMINARY REPORT

RENO: 1500 Glendale Ave, SPARKS 89431
 P.O. Box 71060, RENO 89570
 Ph (702)356 0606 Fax 3561413

ASARCO, INC.

REPORT : SP 008913 2 Page(s) Date : 09/28/90

Client reference : AS-25 1/12 Project : AQUARIUS 25

Cost code :

Copies to : J.D. SELL

ASARCO

SEP 28 1990

Six

Samples : Type Preparation code

Received : 09/26/90

Soils

P300

| Analysis | Code | Quality Parameter | Detection | Units |
|----------|--------|-------------------|-----------|-------|
| Au | FA30 | Acc. f15 % | 5 | ppb |
| TOT-Wt | WEIGHT | Prec. f10 % | 0.1 | Kg. |
| Wt-1/4 | WEIGHT | Prec. f10 % | 0.1 | Kg. |
| Wt-80 | WEIGHT | Prec. f10 % | 1 | Gram |
| Ag | D210 | Prec. f10 % | 0.5 | ppm |

Chief Chemist : George Burke

PRELIMINARY REPORT

ASARCO LABORATORY

SEP 28 1990

REPORT : SP 008913

Page 1 of 2

SW LABORATORY

| Sample | Au ppb | TOT-WT Kg. | Wt-1/4 Kg. | Wt-80 Gram | Ag ppb |
|--------------|-----------|---------------|---------------|---------------|-----------|
| AS-25 1 1-4 | <5 | -- | -- | -- | <0.5 |
| AS-25 1 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 2 1-4 | <5 | -- | -- | -- | <0.5 |
| AS-25 2 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 3 1-4 | <5 | -- | -- | -- | <0.5 |
| AS-25 3 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 4 1-4 | <5 | -- | -- | -- | <0.5 |
| AS-25 4 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 5 1-4 | <5 | -- | -- | -- | <0.5 |
| AS-25 5 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 6 1-4 | 8 | -- | -- | -- | <0.5 |
| AS-25 6 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 7 1-4 | <5 | -- | -- | -- | <0.5 |
| AS-25 7 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 8 1-4 | <5 | -- | -- | -- | <0.5 |
| AS-25 8 -80 | 18 | -- | -- | -- | <0.5 |
| AS-25 9 1-4 | <5 | -- | -- | -- | <0.5 |
| AS-25 9 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 10 1-4 | <5 | -- | -- | -- | <0.5 |
| AS-25 10 -80 | 8 | -- | -- | -- | <0.5 |
| AS-25 11 1-4 | 5 | -- | -- | -- | <0.5 |
| AS-25 11 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 12 1-4 | 12 | -- | -- | -- | <0.5 |
| AS-25 12 -80 | 7 | -- | -- | -- | <0.5 |
| AS-25 1 | -- | 5.9 | 5.4 | 378 | -- |

Please refer to the cover sheet for further analysis details.

PRELIMINARY REPORT

ASAROC 111

SEP 28 1990

REPORT : SP 008913

Page 2 of 2

Sw. L...

| Sample | Au ppb | TOT-Wt Kg. | Wt-1/4 Kg. | Wt-80 Gram | Ag ppm |
|----------|-----------|---------------|---------------|---------------|-----------|
| AS-25 2 | -- | 6.8 | 6.4 | 393 | -- |
| AS-25 3 | -- | 7.3 | 6.4 | 506 | -- |
| AS-25 4 | -- | 7.3 | 4.1 | 383 | -- |
| AS-25 5 | -- | 5.4 | 5.0 | 184 | -- |
| AS-25 6 | -- | 5.4 | 4.5 | 510 | -- |
| AS-25 7 | -- | 6.8 | 5.4 | 281 | -- |
| AS-25 8 | -- | 6.4 | 5.4 | 361 | -- |
| AS-25 9 | -- | 7.3 | 5.9 | 491 | -- |
| AS-25 10 | -- | 6.4 | 5.4 | 500 | -- |
| AS-25 11 | -- | 6.4 | 5.4 | 321 | -- |
| AS-25 12 | -- | 7.3 | 5.4 | 492 | -- |

Please refer to the cover sheet for further analysis details.

ASARCO

JDS
Southwestern Exploration Division

November 15, 1990

FILE NOTE

Aquarius XXV
Assays
Mohave County, Arizona

The assays have been received from the sampling of Aquarius XXV. The hematite stained and unsorted gravels had NO detectable gold nor silver which would interest SWED at this time.

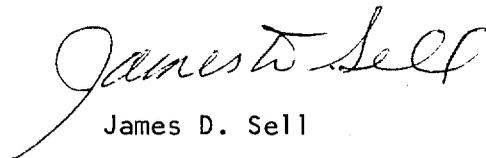
Most gold values were <5 ppb, with other values being 5, 7, 8, 8, 12, and 18 ppb.

The silver values were all <0.5 ppm.

These numbered values in gold were from both the $-\frac{1}{4}$ bulk material, and the screened -80 mesh material.

Refer to J.D. Rasmussen's report of Sept. 21, 1990 for sample description and location, and attach assay copy to same.

JDS:mek
Att.


James D. Sell

cc: W.L. Kurtz

PRELIMINARY REPORT

RENO: 1500 Glendale Ave, SPARKS 89431
P.O. Box 71060, RENO 89570
Ph (702)356 0606 Fax 3561413

ASARCO, INC.

REPORT : SP 008913 2 Page(s) Date : 09/28/90

Client reference : AS-25 1/12 Project : AQUARTUS 25

Cost code :

Copies to : J.D. SELL

ASARCO
SEP 28 1990

Sr

Samples : Type Preparation code

Received : 09/26/90

Soils

P300

| Analysis | Code | Quality Parameter | Detection | Units |
|----------|--------|-------------------|-----------|-------|
| Au | FA30 | Acc. f15 % | 5 | ppb |
| TOT-Wt | WEIGHT | Prec. f10 % | 0.1 | Kg. |
| Wt-1/4 | WEIGHT | Prec. f10 % | 0.1 | Kg. |
| Wt-80 | WEIGHT | Prec. f10 % | 1 | Gram |
| Ag | D210 | Prec. f10 % | 0.5 | ppm |

Chief Chemist : George Burke

PRELIMINARY REPORT

AS-25 (Sample)

REPORT : SP 008913

Page 1 of 2

SEP 28 1990

SW Exploration

| Sample | Au ppb | TOT-Wt Kg. | Wt-1/4 Kg. | Wt-80 Gram | Ag ppm |
|--------------|-----------|---------------|---------------|---------------|-----------|
| AS-25 1 1-1 | <5 | -- | -- | -- | <0.5 |
| AS-25 1 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 2 1-1 | <5 | -- | -- | -- | <0.5 |
| AS-25 2 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 3 1-1 | <5 | -- | -- | -- | <0.5 |
| AS-25 3 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 4 1-1 | <5 | -- | -- | -- | <0.5 |
| AS-25 4 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 5 1-1 | <5 | -- | -- | -- | <0.5 |
| AS-25 5 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 6 1-1 | 8 | -- | -- | -- | <0.5 |
| AS-25 6 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 7 1-1 | <5 | -- | -- | -- | <0.5 |
| AS-25 7 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 8 1-1 | <5 | -- | -- | -- | <0.5 |
| AS-25 8 -80 | 18 | -- | -- | -- | <0.5 |
| AS-25 9 1-1 | <5 | -- | -- | -- | <0.5 |
| AS-25 9 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 10 1-1 | <5 | -- | -- | -- | <0.5 |
| AS-25 10 -80 | 8 | -- | -- | -- | <0.5 |
| AS-25 11 1-1 | 5 | -- | -- | -- | <0.5 |
| AS-25 11 -80 | <5 | -- | -- | -- | <0.5 |
| AS-25 12 1-1 | 12 | -- | -- | -- | <0.5 |
| AS-25 12 -80 | 7 | -- | -- | -- | <0.5 |
| AS-25 1 | -- | 5.9 | 5.4 | 378 | -- |

PRELIMINARY REPORT

ASARCO

SEP 28 1990

REPORT : SP 008913

Page 2 of 2

5.0

| Sample | Au ppb | TOT-Wt Kg. | Wt-1/4 Kg. | Wt-80 Gram | Ag ppm |
|----------|-----------|---------------|---------------|---------------|-----------|
| AS-25 2 | -- | 6.8 | 6.4 | 393 | -- |
| AS-25 3 | -- | 7.3 | 6.4 | 506 | -- |
| AS-25 4 | -- | 7.3 | 4.1 | 383 | -- |
| AS-25 5 | -- | 5.4 | 5.0 | 184 | -- |
| AS-25 6 | -- | 5.4 | 4.5 | 510 | -- |
| AS-25 7 | -- | 6.8 | 5.4 | 281 | -- |
| AS-25 8 | -- | 6.4 | 5.4 | 361 | -- |
| AS-25 9 | -- | 7.3 | 5.9 | 491 | -- |
| AS-25 10 | -- | 6.4 | 5.4 | 500 | -- |
| AS-25 11 | -- | 6.4 | 5.4 | 321 | -- |
| AS-25 12 | -- | 7.3 | 5.4 | 492 | -- |

Please refer to the cover sheet for further analysis details.

ASARCO

JDS

Exploration Department

Southwestern United States Division

James D. Sell
Manager

August 17, 1990

Mr. Walter R. Reed, President
U.S. Power Systems, Inc.
4300 North Miller Road, Suite 103
Scottsdale, Arizona 85251

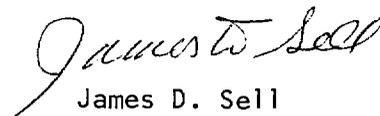
Aquarius XXV Mining Project
Sec. 25, T18N, R13W
Mohave County, Arizona

Dear Mr. Reed:

I thank you and Mr. Herzog for the conversations and brochure on your Aquarius XXV Mining Project.

The geologist working in Utah should have some time in the next several weeks to visit your property and review the outcrops of your mining plan.

Sincerely,


James D. Sell

JDS:mek

cc: W.L. Kurtz
J.D. Rasmussen

August 17, 1990

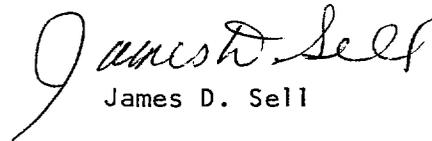
J.D. Rasmussen

Aquarius XXV Mining Plan
Sec. 25, T18N, R13W
Mohave County, Arizona

On your next trip north, take an hour or so and check the fluvial deposits which U.S. Power Systems, Inc. believes contain gold and which they intend to recover.

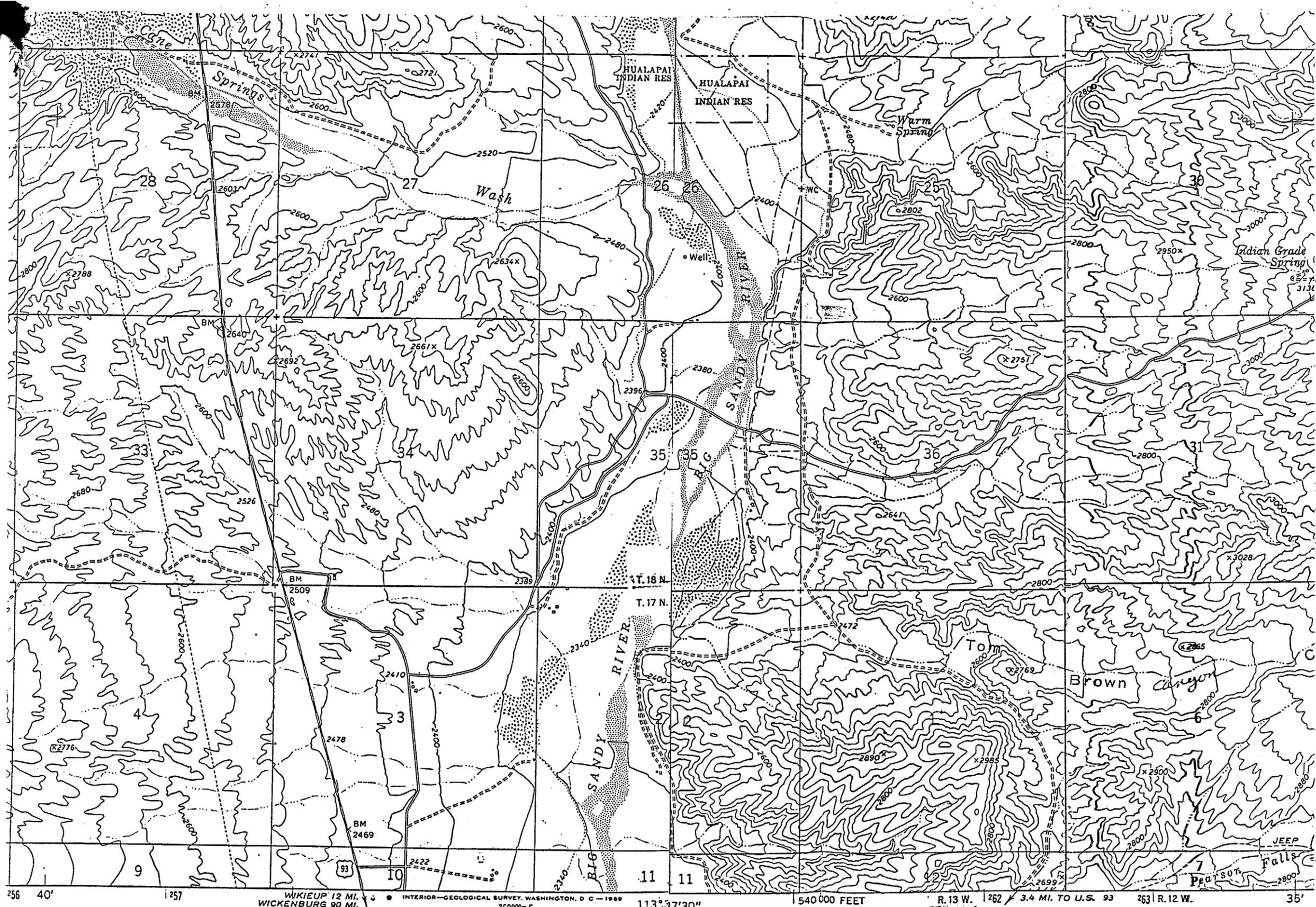
See file for other info.

JDS:mek
Att. map


James D. Sell

cc: W.L. Kurtz

P.S. Also in the files is some data on the Lost Basin District, Mohave County, by the American Heavy Minerals Company, Mr. Warren Mallory, General Manager.



WIKIEUP 12 MI. WICKENBURG 90 MI. INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1969 259000m E 113°37'30" 54000 FEET R. 13 W. 262 3.4 MI. TO U.S. 93 263 R. 12 W. 35'

ROAD CLASSIFICATION

Medium-duty ——— Light-duty ———
 Unimproved dirt [stippled pattern]

U. S. Route [shield symbol]

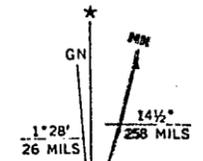
Pelquin Wash, AZ

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1966. Field checked 1967

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 12, shown in blue



Tom Brown Canyon, AZ

