CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
520-770-3500
http://www.azgs.az.gov
inquiries@azgs.az.gov

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James Doyle Sell Mining Collection

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JDS

ASARCO Southwestern Exploration Division

May 31, 1988

R.L. Brown
New York Office

Monthly Report
May 1988

1. A total of 12 days were spent in the field during May at the locations listed below:

   A. Dos Cabezas, AZ

   Three days were spent on this prospect staking 27 lode claims and collecting additional samples.

   B. Oro Blanco, AZ

   One day was spent examining and sampling a few prspects within a small fault/BX zone located in Section 20, T22S, R10E. Unless the samples collected indicate exceptionally high grade gold, the property, solely on the basis of its size, has no merit.

   C. Whipple Detachment Area

   One day was spent examining the area comprised in Sections 25,26, 27, T2N, R25E, between the Blue Cloud Mine and the unnamed workings in Section 28. Both the upper and lower plates were covered for possible indication of other mineralized/altered zones. Other than the bleached halo near the veins contacts nothing of interest was detected. At least six R.D. holes have been drilled near the open cut prospects in the west side of Section 26. Examination of the cutting at the drill sites indicates primarily weakly altered gneissic formation with possible quartz stringers and very weak CuOx mineralization. The cuttings were sampled.

   Perhaps some more time should be dedicated in the general area.

2. Updated results and comments on prospects previously examined and sampled.

   A. Gold Valley, San Bernardino County, CA (Attachment A)

   Several samples representative of altered zone produced appreciable anomalies. Of particular significance are two assays, from a quartz structure(s) which crop-out near the pediment contact. Values were 7.8 and 6.0 ppm Au and 90.0 and 68.0 ppm Ag. This zone is undoubtedly

of interest because of the possibility for significant grade targets under pediment cover. The zone dips under Qal at 30°.

Other minor but nevertheless interesting values were indicated in quartz structures scattered within the zone and also in shear zones in the hornblendite rock. The large quartz mass to the south appears to be very low grade both in Au & Ag (max. .46 ppm).

Proposed Exploration - A few short (300'±) rotary holes appear to be justified to test the high grade zone under pediment, as well as one hole in the central part of the alteration zone, where some anomalous numbers were indicated. If a minimum of 3 holes are drilled (2,4,5) the cost would be as follows:

3 holes @ 300' @ $7.00/ft.	$ 6,300.00
Mobilization (if applicable)	1,000.00
Supervision and sampling	2,000.00
Assays 90 (900' @ 10' interval) @ $15	1,350.00
Contingencies	1,000.00
Totals	$11,650.00

No road work is required as the proposed sites are easily accessible.

B. Bonanza Hill, Clark Co., Nevada (Attachment B)

Conclusions - No gold values were indicated. Silver values were from 1.0 ppm to 140 ppm and averaged 37 ppm. The pockety nature of mineralization and the lack of gold values does not indicate an attractive target, but may warrant another look as a silver prospect.

Location - Sec. 12,13,14, T24S, R57E, a few miles SW of Goodspring, NV.

Mineralization - Most of the alteration/mineralization occurs in pockets along beddings in Pennsylvanian limestone, mostly associated with faulting and/or shearings.

Mesquite Range - This area was examined and sampled because of reported anomalous gold values. A skarn zone, which showed weak CuOx mineralization was ampled, but no Au anomalies were indicated.

C. Devil's Canyon, Sec. 33, T25S, R58E, Clark Co., Nevada (Attachment C)

A possible limestone replacement type mineralization zone, near former Zn, Pb, Ag mines, was examined and sampled, primarily at and near fault related altered zones.

No gold values were indicated and only two samples out of 15 showed a weak silver anomaly of 2.3 and 3.6 ppm. The area is not recommended for further work.

D. Kingston Range, Sec. 7, T19N, R11E, San Bernardino Co., CA (Attachment D)

This prospect was also examined and sampled on reports of high gold values along a silicified fault(?) zone.

Although the prospect itself does not have much merit, more work should be planned for replacement targets near the intrusives to the southwest.

Summary of Time and Cost

	Field Days	Office Days	Number Samples	Assay Costs	Expenses	Vehicle
May	10	11	15	$225	$350	$300
YTD	50	52	135	$2100	$2200	$2600

TDV:mek

T. Dalla Vista

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

3152 IV SW
(WHIPPLE MTS. SW)

3152 IV SE
(WHIPPLE WASH)

320 000 FEET (ARIZ.)

114° 22′ 30″
34° 15′

742 000m. E.

743 744 746 747 748 750

R. 25 E. R. 26 E.

17′ 30″

20′

3792 000m. N.

1 180 000 FEET (ARIZ.)

3791 3790 3789 3788 3787

T. 2 N.
T. 1 N.

12′ 30″

WHIPPLE MOUNTAINS

Blue Cloud Mine

Gravel Pit

Prospects

Gravel Pit

West Portal

Siphon

Siphon

Start 1167

COLORADO RIVER AQUEDUCT

COLORADO RIVER AQUEDUCT TUNNEL

WHIPPLE MOUNTAIN

INDIAN RESERVATION

COLORADO RIVER

BDY

JEEP TRAIL

BM 1000

BM 983

BM 940

BM 995

BM 967

BM 1008

BM 1005

BM x1040

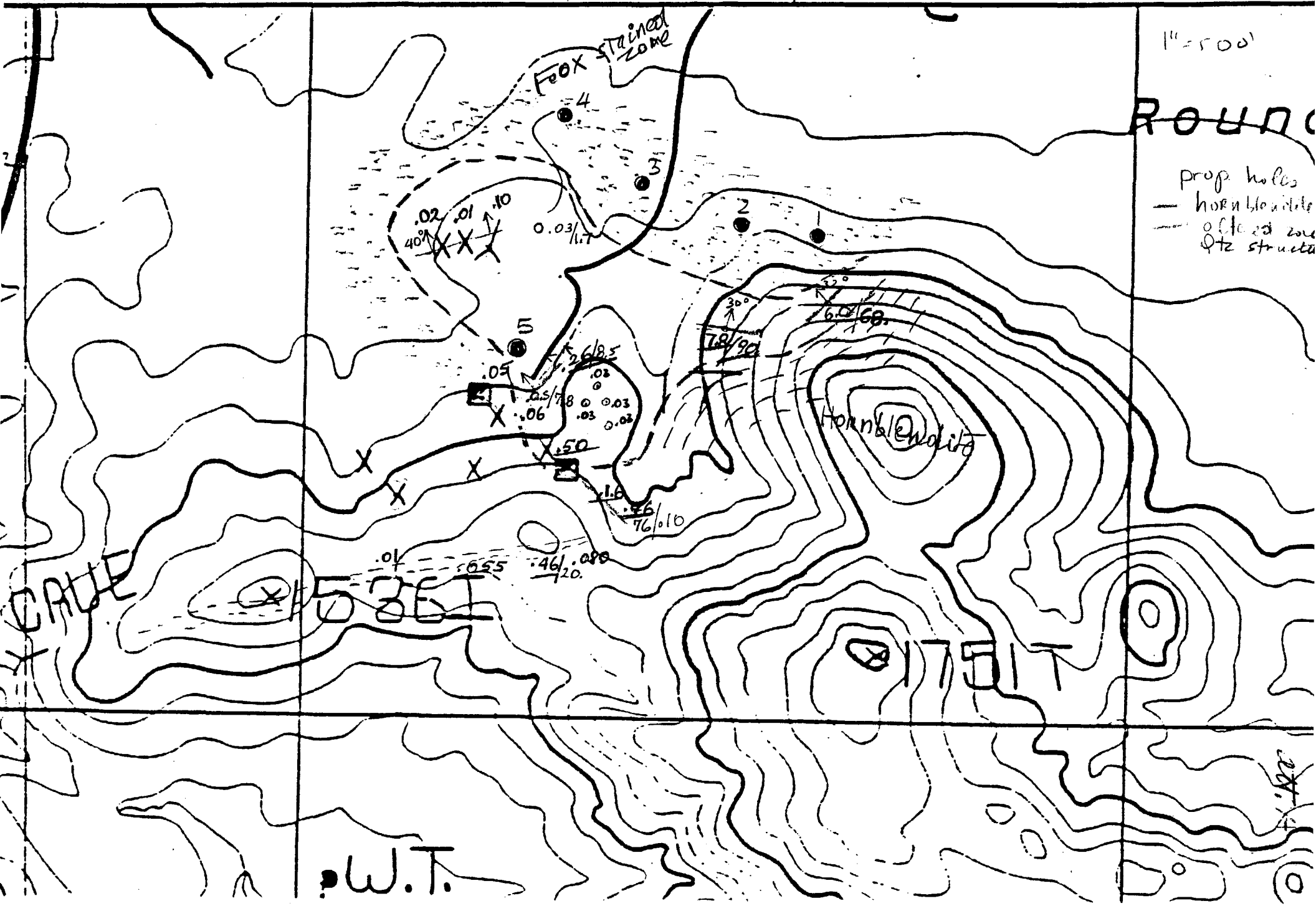
WC

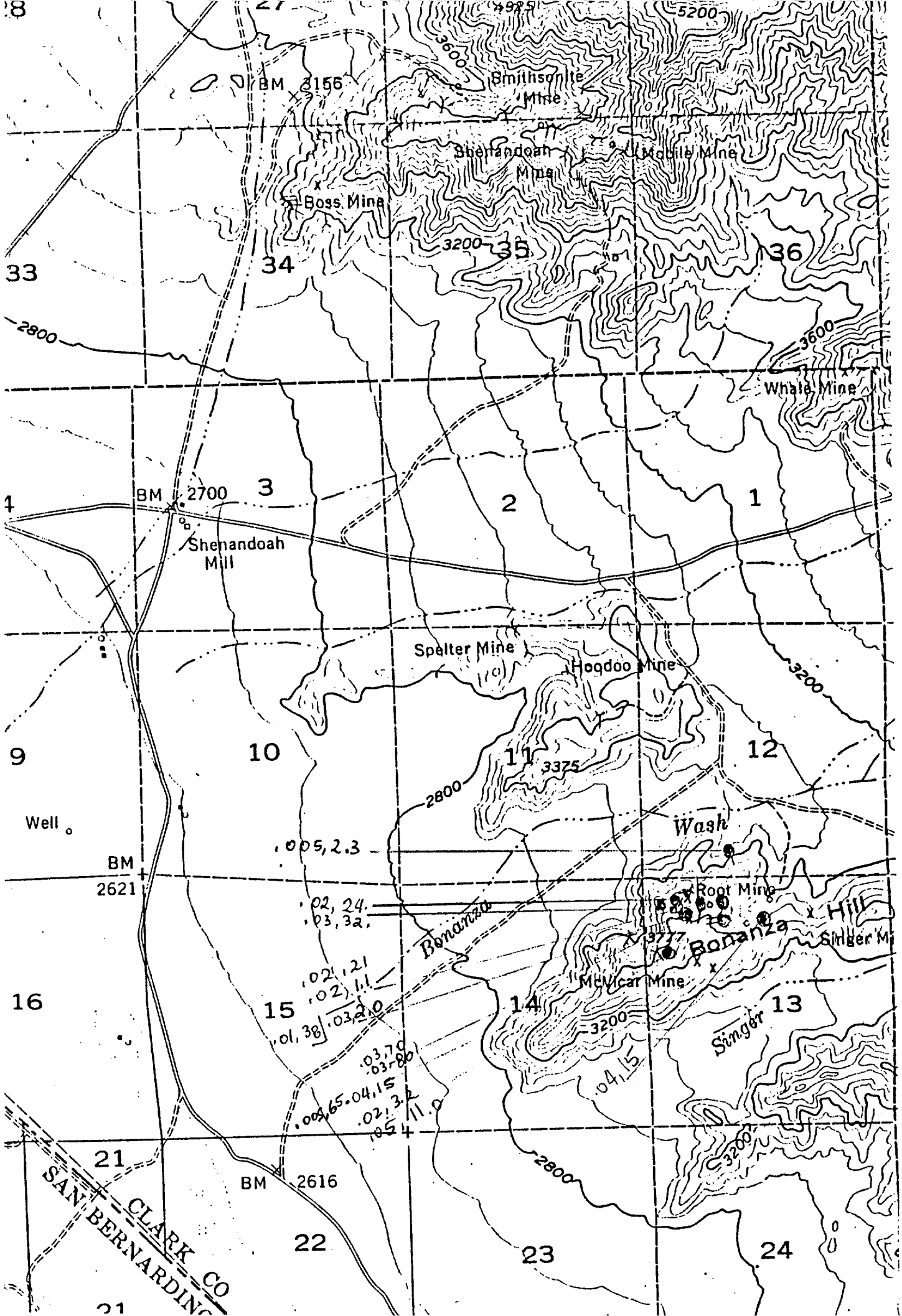
Cairn 1246

19 30 25 36 31 35 1 2 3 6

Whipple Mts Detach.
RDH
Detach Fault
Veins

646 2 780 000 FEET 647 ATT. A




BM 3156
Smithsonite Mine
Shenandoah Mine
Mobile Mine
Boss Mine
3200
35
36
34
33
2800
3600
Whale Mine
BM 2700
3
2
1
Shenandoah Mill
Spelter Mine
Hoodoo Mine
3200
9
10
11
12
3375
2800
Well
Wash
.005, 2.3
BM 2621
.02, 24.
.03, 32.
Root Mine
Hill
Singer Mine
Bonanza
Bonanza
3777
.02, 21
.02, 1.1
Mulicar Mine
16
15
14
13
.01, 38
.03, 2.0
3200
Singer
.03, 70
.03, 80
.04, 15
.005, 65. 04, 15
.02, 3.2
.05 11.0
21
BM 2616
2800
3200
CLARK CO
SAN BERNARDINO
22
23
24
21

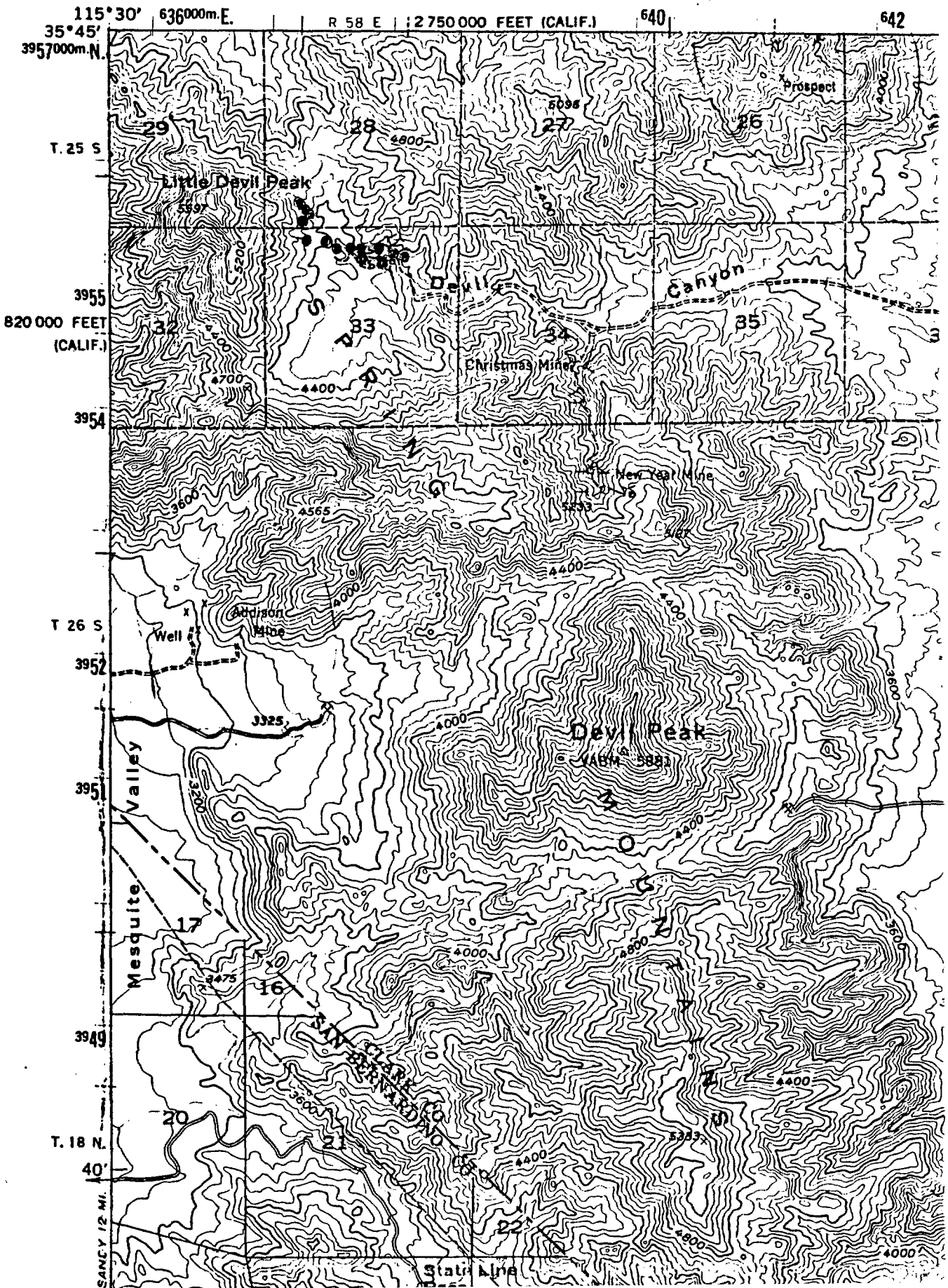
ATT B

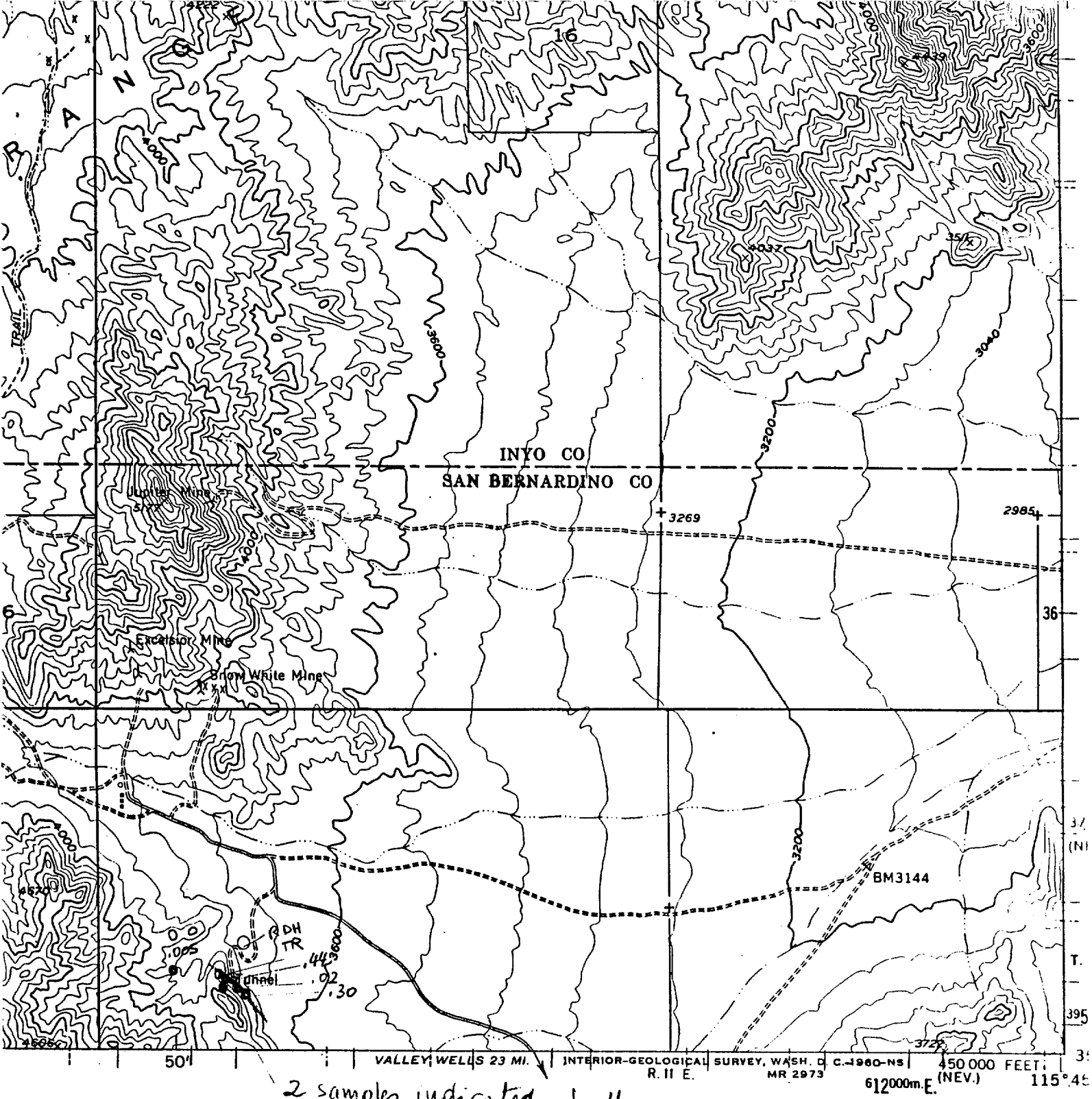
LS

ATT. C

(SHENANDOAH PEAK) 2855

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY





2 samples indicated high
As >500ppm & Hg >5,000ppm
Pocketty mineralization

3 4 MILES

18000 21000 FEET

5 KILOMETERS

ROAD CLASSIFICATION

Light-duty ——— Unimproved dirt - - - - -

QUADRANGLE LOCATION

ATT. D.1

HORSE THIEF SPRINGS, CALIF—NEV.

N3545—W11545/15

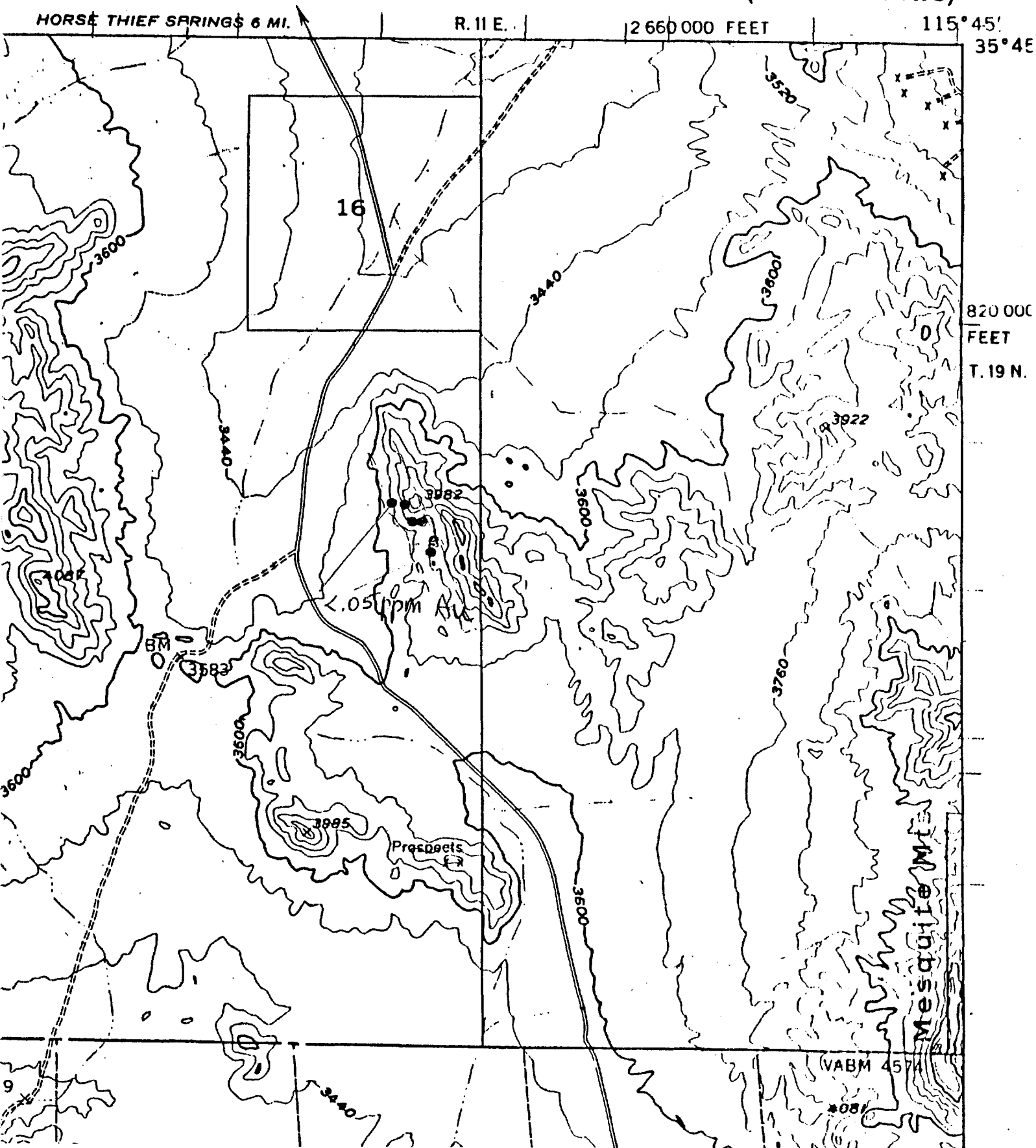
1956

SHINGTON 25, D. C.
ON REQUEST

ATT D.2

KINGMAN AMS

KINGSTON PEAK QUADRANGLE
CALIFORNIA—SAN BERNARDINO CO.
15 MINUTE SERIES (TOPOGRAPHIC)



ASARCO Southwestern Exploration Division JDS

April 19, 1988

To: T. Dalla Vista

From: J.D. Sell

Map I-1124
Parker Quadrangle
San Bernardino Co., CA

On the USGS Map I-1124 in T2N, R25E, approximate sections 26, 27, and 28, are three prospects/mines. The three zones are in the lower plate of the Whipple Mountain detachment fault as shown.

The Blue Cloud Mine in Section 26 is along a vein which apparently can be traced some 3000 feet SSE before it trends under the Whipple Fault.

The "prospects" in Section 27 may be along structures which can only be traced some 1500 feet SSE before going under the Whipple Fault.

The "mine" in Section 28 is along the Whipple Fault.

A.E. Giesecke did some work in this area. You should revisit this area and outline the anomalous/bleaching/color zone around the mentioned mine/veins in the lp (lower plate) rocks (colored blue on the map) and take samples to confirm the signature of the zones.

You should then take a swath of some 5000 feet perpendicular to the Whipple Fault and field check the area in the hanging wall plate (i.e., south of the Whipple Fault) in Sections 25 thru 28. Pay particular attention to any alteration/mineralization in all the green color map units--the Kgng and gn, and collect representative samples. Especially look at and sample the NW trending faults which are mapped, and/or found, cutting the hanging wall units, separating gn from "T" units or cutting the Tertiary units.

Also note the claim distribution/ownership and any drill holes in the zone.

James D. Sell

JDS:mek

James D. Sell

cc: W.L. Kurtz

NOTE

Review AJG's Whipple Mtn area & thoughts on 3 veins / work / rock land / drilling status.

WHC thinks drill proposal should be made.

See TDV as it is (?) his area.

JGS 3/88

CERTIFIED MAIL
RETURN RECEIPT

ASARCO

Southwestern Exploration Division

April 19, 1988

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James D. Sell

JDS:mek

James D. Sell

cc: W.L. Kurtz

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PARKER QUADRANGLE
ARIZONA—CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 PARKER 15' QUADRANGLE

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1969. Field checked 1970

Polyconic projection. 1927 North American datum
10,000-foot grids based on California coordinate system, zone 5, and Arizona coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue

Where omitted, land lines have not been established

UTM GRID AND 1975 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

GN MN 1°30' 27 MILS 14° 249 MILS

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

CALIF
QUADRANGLE LOCATION

Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1975. This information not field checked

ROAD CLASSIFICATION

Primary highway, hard surface		Light-duty road, hard or improved surface	
Secondary highway, hard surface		Unimproved road	

Interstate Route U. S. Route State Route

PARKER, ARIZ.—CALIF.
NE/4 PARKER 15' QUADRANGLE
N3407.5—W11415/7.5

1970
PHOTOREVISED 1975
AMS 3152 III NE—SERIES V895