CAP PROJECT AREA

Belmont - Wickenburg - Constellation Reconnaissance Map

SHEEP MTN

MINERALIZED DH

WK-1
WK-2
WK-3
WB-1
WB-2
WB-3
W-1
W-2
W-3
W-4
W-5
W-6
W-7
W-8
W-9
W-10
W-11
W-12
21ddh

SOIL TESTING HOLES - RECLAMATION PROJ.

HASSAYAMPA PLAIN

N

0 1 2 3 4 5
Miles

Explanation

Qal	Post mineral alluvium
cgl	Post mineral conglomerate
Tv	Post mineral volcanics
	Red grit
Li	Laramide intrusive
p€gr	Precambrian granite
p€s	Precambrian schist
	Copper occurances
•	Previous drill hole
●	Project drill hole (○ - proposed)

10'

Stanton

Weaver Creek

Martin Spring

Wades Butte 5330

Sea Mt.

Oak Gr.

Creek

Weaver

Detrive

Antelope

The Hole

WICKENBURG MOUNTAINS

Wickenburg

Wickenburg Country Club

Massacre Monument

Water Tank

Cemetery

Turtle Back

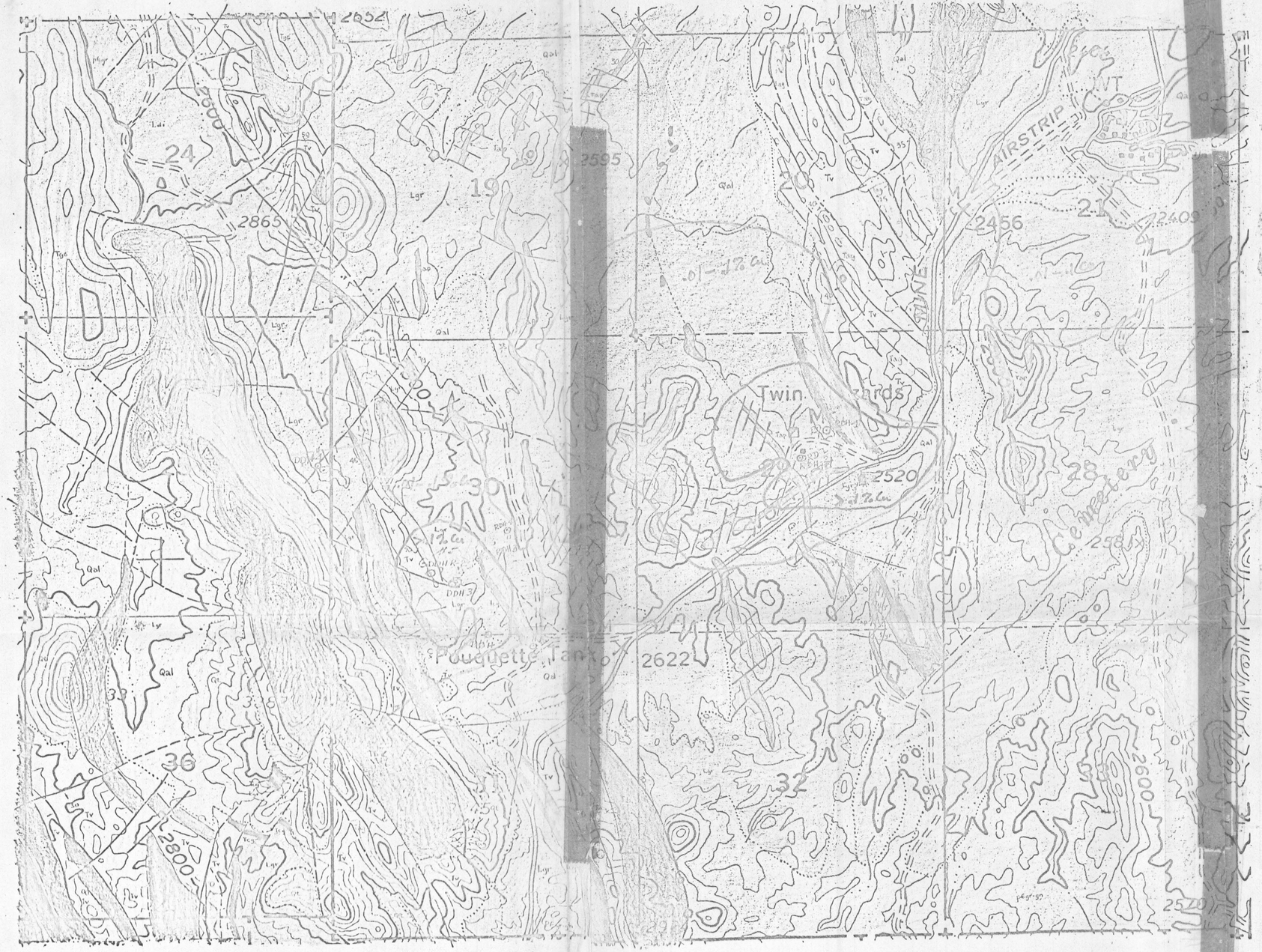
Big Spar Mine

X Mine

Airstrip

Cu (ppm)

- < 100
- 100 - 500
- 500 - 1000
- 1000 - 1500
- > 1500



EXPLANATION

QUATERNARY

- QTs — TALUS
- Qal — ALLUVIUM

TERTIARY

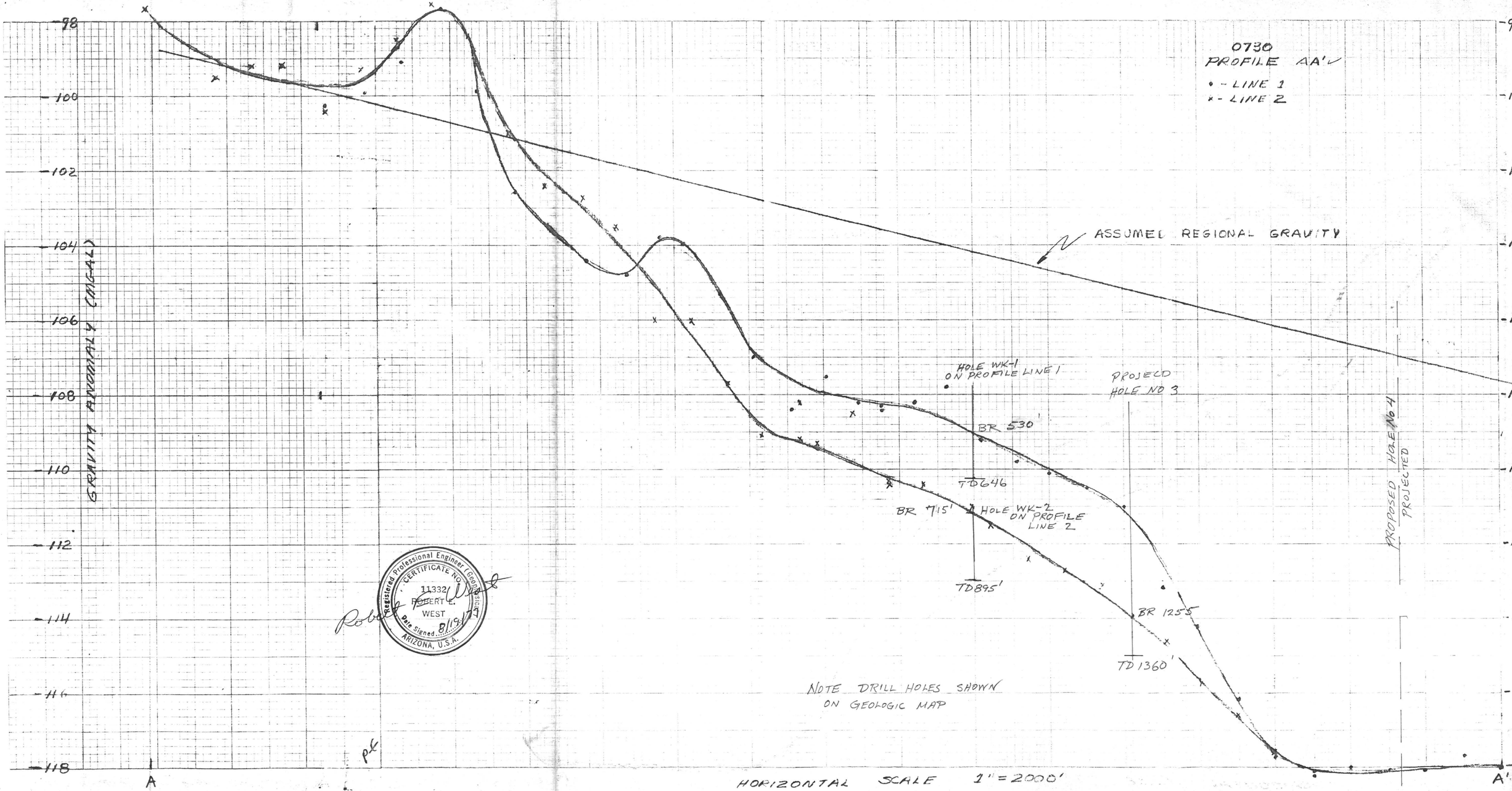
- Tgc — "GILA" CONGLOMERATE
- Tb — BASALT
- Tag — AGGLOMERATE
- Tv — VITROPHYRE
- Ta — ANDESITE
- Tr — RHYOLITE
- Tdp — DIKES & SILLS (pre-Tr?)
- Tcg — CONGLOMERATE & GRIT

POST ORE
PRE ORE — UNCONFORMITY

- Kgd — LARAMIDE GRANITE & DIORITE
- pC — GRANITE BASEMENT WITH UNDIFFERENTIATED METAMORPHICS

GEOLOGIC MAP
VULTURE MOUNTAINS COPPER PROSPECT
MARICOPA COUNTY, ARIZONA
1974

SCALE: 1" = 1320'



Registered Professional Engineer (Geophysicist)
CERTIFICATE NO.
11332
ROBERT E.
WEST
Date Signed 8/19/77
ARIZONA, U.S.A.

10'
Stanton
Weaver
Octave
Weaver Creek
Antelope Creek
Martin Spring
5330
Wades Butte
Seal Mt.
Oak
4000
The Hole
WICKENBURG MOUNTAINS
Wickenburg
Wickenburg Country Club
Massacre Monument
Water Tank
SANTA FE
WASH
ROAD
AIRSTRIP
Cemetery
Turtleback Wash
TRAIL
Big Spar Mine
Mine
Airstrip
Solomon Gulch
San Domingo Wash
HIEROGLYPHIC MTS
YAVAPAI CO
MARICOPA CO
m-58
m-57
m-59
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m-73
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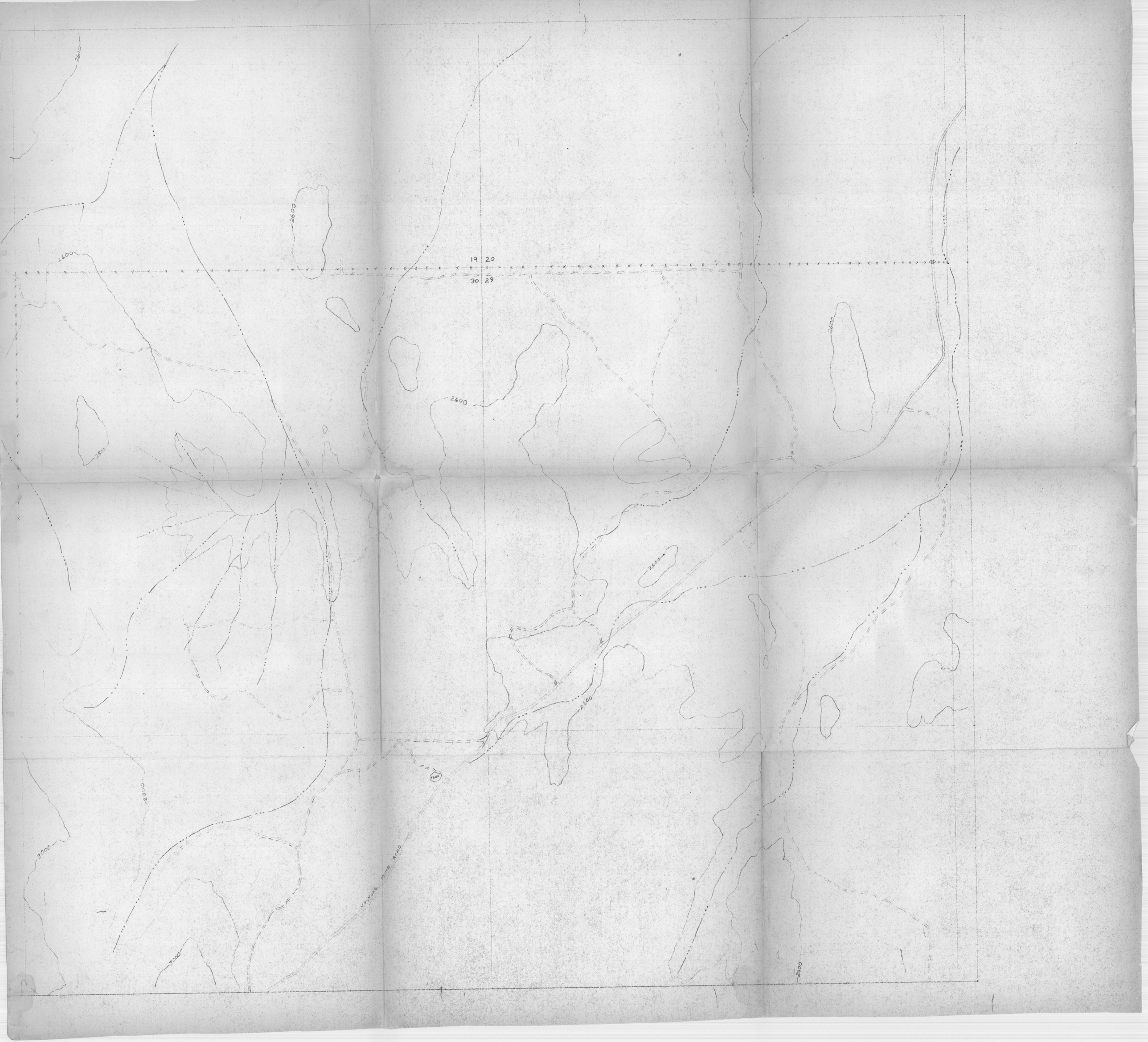
m-75
m-76
4,W-1
4,W-2
4,W-3
4,W-4
4,W-5
4,W-6
4,W-7
10,W-8
6,W-9
10,W-10
105,W-11
55,W-12
<1,M-80
<1,M-79
<1,M-78
<1,M-77
<1,M-91
<1,M-90
<1,M-88
<1,M-89
<1,M-81
<1,M-82
4.8,M-86
<1,M-85
41.7,M-87
2.0,M-84
25.7,M-83
SCALE 1:24000
CONTOUR INTERVAL 40 FEET


2600
2600
2600
19 20
30 29
2600
2600
2600
2800
2800
3000
3000
2600
TANK
VULTURE MINE ROAD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VULTURE MOUNTAINS QUADRANGLE
ARIZONA
15 MINUTE SERIES (TOPOGRAPHIC)

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1951 and 1960. Field checked 1961

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

UTM GRID AND 1961 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:62500

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U.S. Route — State Route

QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

VULTURE MOUNTAINS, ARIZ.
N3345—W11245/15

1961

AMS 3451 IV—SERIES V798

SAMPLE No. Cu / Mo ppm

Cu ppm
< 100
100 - 500
500 - 1000
> 1000

TWIN PEAKS - TWIN BUZZARD AREA, VULTURE MOUNTAINS

Lgr - GEOCHEM. STUDY

1" = 500'

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WICKENBURG QUADRANGLE
ARIZONA
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RED PICACHO QUADRANGLE
ARIZONA
7.5 MINUTE SERIES (TOPOGRAPHIC)

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1962. Field checked 1965

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Fine red dashed lines indicate selected fence lines

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Unimproved dirt
U.S. Route — State Route

WICKENBURG SW, ARIZ.
N3345—W11237.5/7.5
1965
AMS 3451 I SW—SERIES V898

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1962. Field checked 1965

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Fine red dashed lines indicate selected fence lines

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Unimproved dirt
U.S. Route — State Route

WITTMANN, ARIZ.
N3345—W11230/7.5
1965
AMS 3451 I SE—SERIES V898

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1882
.U6
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARIZONA
(YAVAPAI COUNTY)
CONGRESS QUADRANGLE

(Bagdad 1:62 500) (Sheridan Mtn. 1:62 500) (Iron Springs 1:62 500) (Prescott 1:62 500)

113°00' 50' 112°30' 34°30' 20' 10' 34°00'

R.7 W. R.6 W. R.5 W. R.4 W. R.3 W.

T.13 N. T.12 N. T.11 N. T.10 N. T.9 N.

Thompsons Valley
Kirkland
Lower Kirkland Valley
Kirkland Valley
Copper Basin
Copper Basin Wash
Burro Wallow
Quartz Mt.
MC CLOUD MTS.
Hillside
Grand View
Squaw Pk.
Bell's Canyon
Prescott
Phoenix
Santa Fe
Ritters Ranch
Ritter Creek
Waterman Creek
Sunflower Flat
Lounds Lookout
Mc Govern Ranch
Howards Ranch
Old Camp Date Creek
O'Neill's Ranch
Date Creek
Piedmont
O'Neill Pass
DATE CREEK MOUNTAINS
Congress
Tenderfoot Hill
Congress Junction
Martinez
Gibson's Tank
Harquahala
Weaver
Antelope Creek
Martinez Wash
Santa Maria River
Hassayampa River
Peoples Valley
Weaver Mts.
Antelope Pk.
Yarnell
Stanton
Rich Hill
Copper Camp
Placerita Gulch
Placerita
Walnut Grove
Blowout Mt.
Wagoner
Spring Creek
Cottonwood Creek
Black Mt.
Seal Mt.
Wades Butte
The Hole
Iron Springs
Crown King
Crown King Road
Lower Dam
Stone Cabin
Swallow Mt.
Groom's Hill
Black Rock
Morgan Butte
King Solomon Gulch
Gilbert
Denver Hill
Blue Tank Wash
Weaver Creek
Date Creek Mts.
(Bradshaw Mountains)

SCALE 1:125000

1 0 1 2 3 4 5 6 7 8 9 MILES

5000 0 5000 10000 15000 20000 25000 30000 35000 FEET

1 0 1 2 3 4 5 6 7 8 9 KILOMETERS

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

APPROXIMATE MEAN DECLINATION 1903
TRUE NORTH
MAGNETIC NORTH

E.M. Douglas, Geographer in charge.
Topography by R.H. Sargent and H.H. Hodgeson.
Triangulation by H.L. Baldwin, Jr.
Surveyed in 1902-1903.

Polyconic projection. 1927 North American datum
Grid zone projection lines 400 feet south and 350 feet west

DIAGRAM OF TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

CONGRESS, ARIZ.
N3400—W11230/30
1903

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University of Arizona
Library
Map Collection

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.C2
1882
.U6
copy 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ARIZONA
(YAVAPAI COUNTY)
CONGRESS QUADRANGLE

(Bagdad 1:62 500) (Sheridan Mtn. 1:62 500) (Iron Springs 1:62 500) (Prescott 1:62 500)

113°00' 50' 112°30'
34°30' 34°00'
R.7 W. R.6 W. R.5 W. R.4 W. R.3 W.
T.13 N. T.12 N. T.11 N. T.10 N. T.9 N.
20' 10'

Kirkland Valley
Thompsons Valley
Lower Kirkland Valley
Skull Valley
Copper Basin
Copper Basin Wash
Burro Wallow
Quartz Mt.
Squaw Peak
Grand View
Bell Canyon
Hillside
Prescott
Phoenix
Kirkland
Mc Cloud Mts
Holts Creek
Ritters Ranch
Ritter Creek
Mountain Creek
Sunflower Flat
Lounce Lookout
Date Creek
Mc Govern's Ranch
Cottonwood
North Fork
Howard's Ranch
O'Neill's Ranch
Old Camp Date Creek
South Fork
Piedmont
O'Neill Pass
Date Creek Mountains
Congress
Senate Mine
Congress Mine
Tenderfoot Hill
Congress Junction
Martinez
Martinez Creek
Gibson's Tank
Sols Wash
Harquahala Pk.
Harquahala Creek
Peeples Valley
Buckhorn Mine
Hodges Mine
Granite Mts
Antelope Pk.
Antelope Creek
Yarnell
Yarnell Spring
Weaver
Weaver Creek
Stanton
Rich Hill
Foots Gulch
Blanco Gatsm Mine
Wickenburg Mts
Hassayampa River
Blue Tank Wash
Well
Blackwater Spring
Blowout Mt.
Cottonwood Creek
Spring Creek
Wagoner
Walnut Grove Dam
Walnut Grove
Mud Spring
Rattlesnake Creek
Upper Camp
Ranch Creek
Hassayampa
Antelope Creek
Black Mt.
Wilhoit
Wilhoit Springs
Martin Spring
Wades Butte
Seal Mt.
Oak
The Hole
Crown Point
Hawk Spring
Iron Spring
Iron Springs
Mud Springs
Walnut Grove Dam
Constellation
Swallow Mt.
Groome Hill
Black Rock
Morgan Butte
King Solomon Gulch
Gilbert
Denver's Hill
Yarnell Hill
Date Creek R
(Bradshaw Mountains)

Topographic projection to place on 1927 North American datum
Mercator projection lines 460 feet south and 350 feet west

E.M. Douglas, Geographer in charge.
Topography by R.H. Sargent and H.H. Hodgeson.
Triangulation by H.L. Baldwin, Jr.
Surveyed in 1902-1903.

APPROXIMATE MEAN DECLINATION 1909

SCALE 1:125000

1 0 1 2 3 4 5 6 7 8 9 MILES
5000 0 5000 10000 15000 20000 25000 30000 35000 FEET
1 0 1 2 3 4 5 6 7 8 9 KILOMETERS

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

DIAGRAM OF TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

CONGRESS, ARIZ.
N3400—W11230/30
1903

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Stanton

Weaver Creek

Weaver

Antelope Creek

fresh drill site

Wades Butte

Sec. Mt.

Oak Ct.

The Hole

Qal

PC

Tv

Lgr

Pegr complex

Congl

Breccia zone high angle normal fault

Sed contact

Active Mine

Wickenburg

Wickenburg Country Club

Water Tank

Cemetery

Big Star Mine

Mine

Airstrip

Massacre Monument

Santa Fe

WICKENBURG MOUNTAINS

numerous diggings

Florspar

Breccia + Red

Tv? vol. congl?

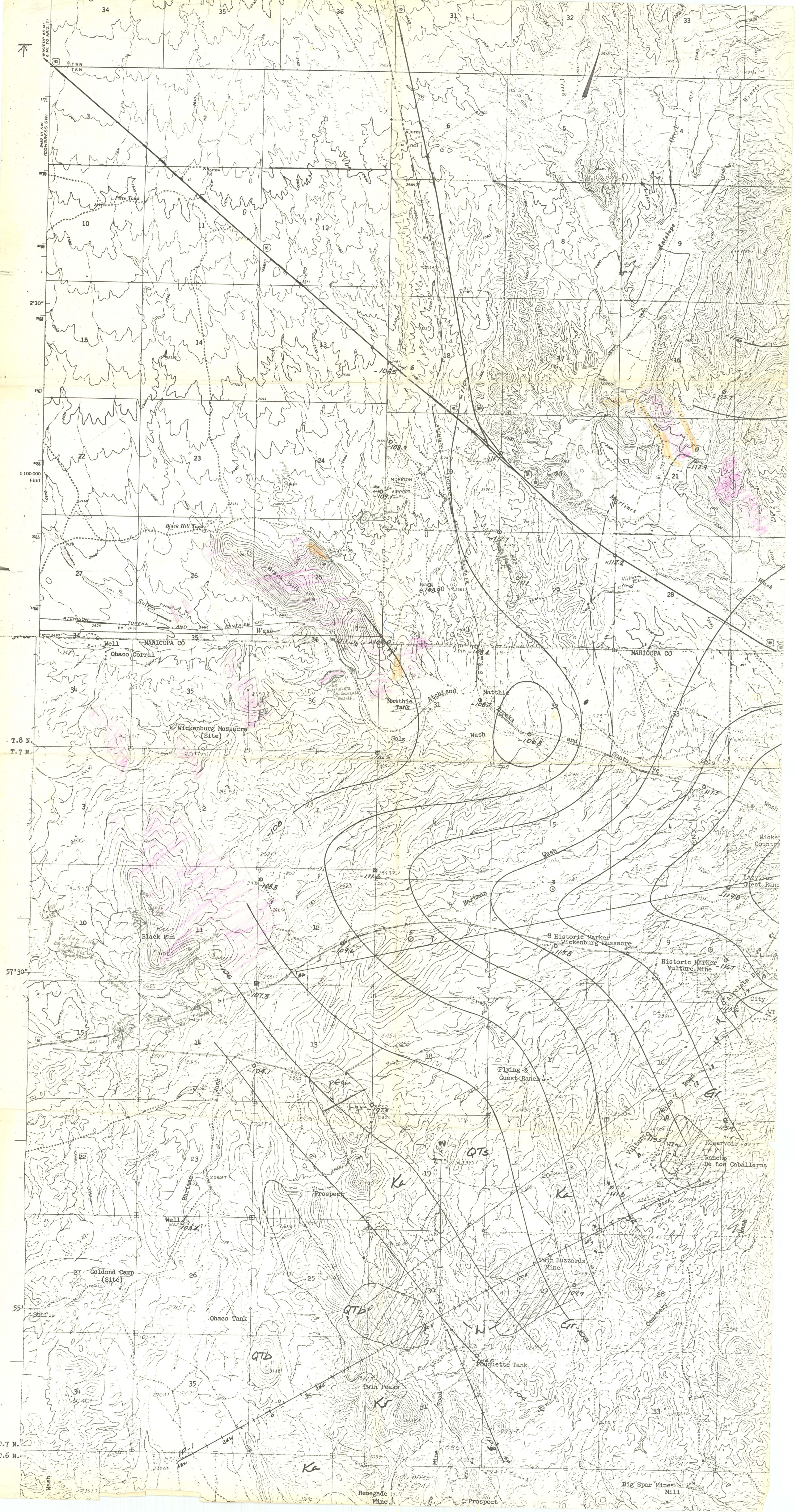
PCgr complex

P.D. drill sites

PCgr Alt + Brecciated ?? (Red)

Fertilizer Rock

GEOLOGICAL SURVEY
Advance Sheet
Subject To Correction
112°52'30"
34°15'
50'
47'30"
240 000 FEET
R 6 W
R 5 W
3452 IV SE
(WEAVER PEAK)
T. 11 N.
T. 10 N.
HILLSIDE 16 MI.
3452 III NW
(O'NEILL PASS)
12'30"
10'
Borrow Pit
BM 3353
Well
Piedmont
Sawyer Tank
Mesquite Tank
ATCHISON
TOPEKA
AND
SANTA FE
DATE CREEK
MOUNTAINS
Longort Well
Lowman Well
Martinez
Creek
Water Tank
Congress Mine
Tailings
Cem
Congress Cem
Arrowhead Well
Sullivan Tank
Tenderfoot Hill
GHOST TOWN ROAD
Grave
Congress
PO
Ziger Spring
WEAVER
MOUNTAINS
JEEP
TRAIL
PACK TRAIL
YARNELL
Elephant Rock
View Point
Fools Gulch
Borrow Pit
Lady
Blue Bucket Mine
Rincon Mine
Leviathan Mine
Indian
Creek
Antelope
Stanton
Bricks Windmill
Spring
Rich Hill
Johnson Mine
Lion Peak
Weaver
Mines
Myers Mine
Octave Mine
Weaver
Creek
°45'
250 000 FEET
R. 5 W.
R. 4 W.
42'30"
Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial



Flores
Pitts Tank
Black Hill Tank
Black Hill
Sols
Wash
Well
MARICOPA CO
Ohaco Corral
Matthie Tank
Atchison
Matthie
Topeka
and
Santa
Fe
Wickenburg Massacre (Site)
Black Mtn
Hartman
Historic Marker Wickenburg Massacre
Historic Marker Vulture Mine
Flying & Guest Ranch
Reservoir
Rancho De Los Caballeros
Prospect
Twin Buzzards Mine
Goldond Camp (Site)
Ohaco Tank
Fouquette Tank
Twin Peaks
Renegade Mine
Big Spar Mine
Mill
Cemetery
Road
Mine
Wickenburg Country
Lazy Fox Guest Ranch
Antelope
Martinez
Creek
Wiarer
Wash
T.8 N.
T.7 N.
T.6 N.
57'30"
55'
2'30"
1 100 000 FEET
QTs
QTb
Ka
Kr
Gr

Cu ppm Contours

VULTURE MOUNTAINS — MARICOPA Co, ARIZONA
PAUL'S BASIN — BUZZARD BASIN
GEOCHEM. - SAMPLE LOCATION SKETCH

SCALE: 1" = 1000'	BY: PAUL STROBEL	DATE: 3/29/72 REVISED TO: 7/26/72	DWG. NO. TUC 2