



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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AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

J. H. C

JUN 26 1968

June 26, 1968

Aa19.19.0

TO: J. H. Courtright
FROM: J. D. Sell

MR. RFW
READ AND RETURN _____
PREPARE ANSWERS _____ HANDLE _____
FILE INITIALS _____

ALISO SPRING AREA
MOUNT WRIGHTSON QUADRANGLE
PIMA COUNTY, ARIZONA

Through the submittal of a high grade, pannable, gold sample by Mr. Ray Wallace of Tucson, the subject area was examined on June 14, 1968. The area is shown on Figure 1 and the Hawley and Hawley assay results are submitted as Figure 2. Also on figure 2 is a diagrammatic sketch showing the location of the samples in the adit or working area.

Eight samples were cut in the adit area with only the samples (No. 1, 4, and 7) cut in the shear-vein zone showing relatively high values. The crushed wall rock (conglomerate) values adjacent to the shear-vein samples were lower in value.

The adit area is within the upper Cretaceous "Sonoita Group of Stoyanaw", which here are mainly sandy conglomerate units. Nine samples were cut in these units as they were probably porous in nature and available for concentration of low grade gold-silver values. As shown by Hawley and Hawley, the conglomerate samples ran less than thirty cents in combined values in the areas of weak shearing which contained pyrite.

A recent check of other samples of Hawley and Hawley against El Paso assays suggest that H & H are running low on their reported values. However, samples of the conglomerate material available for large tonnage operations, even at a somewhat higher value, indicates that the area sampled does not contain sufficient values to be of continued interest.

James D. Sell
James D. Sell

JDS;lab

RECEIVED

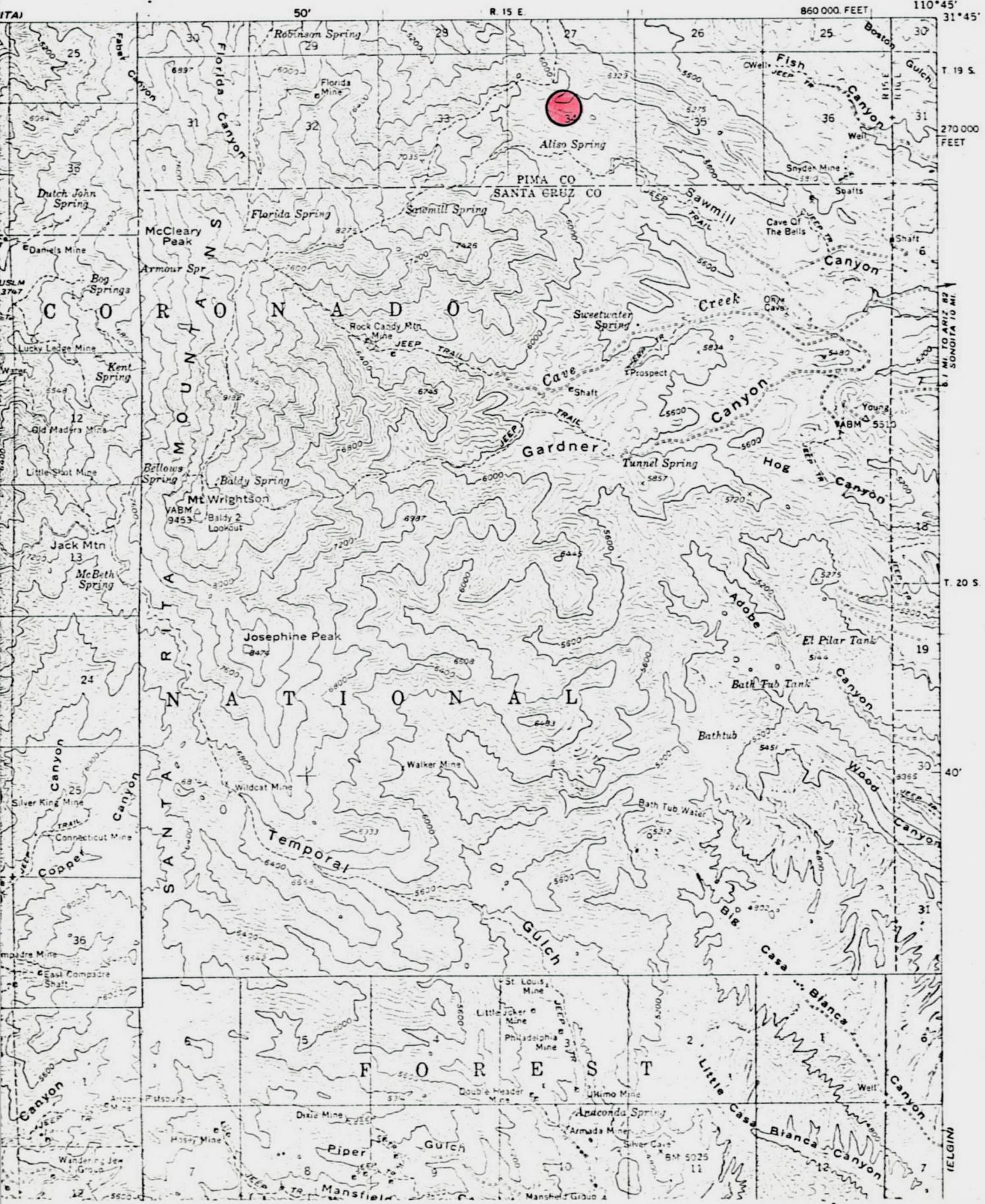
JUN 26 1968

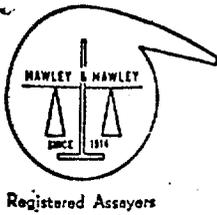
REED F. WELCH

FIGURE 1

MOUNT WRIGHTSON QUADRANGLE
ARIZONA
15 MINUTE SERIES (TOPOGRAPHIC)

(EMPIRE MTS)





HAWLEY & HAWLEY

ASSAYERS AND CHEMISTS, INC.

1700 WEST GRANT ROAD - TELEPHONE 622-4836 - POST OFFICE BOX 5934

TUCSON, ARIZONA 85703

Figure 2.

W. G. K.

JUN 20 1968

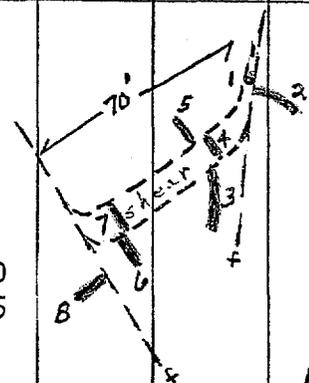
THE SOUTHWEST'S LEADING ASSAYERS AND REPRESENTATIVES

Branch Representatives at Buyer's Plants:
Phelps Dodge Corp., Douglas, Arizona; ASARCO, El Paso, Amarillo, Texas and Hayden, Arizona

IDENTIFICATION	Gold ozs.	Silver ozs.	Lead- %	Copper %	Zinc %	Mo. %			
<u>RWA Series</u>			# Value ^x						
1	0.170	0.16	7.27	15'	high rate shear structure				
"Upper Workings"	2	0.045	0.02	1.61	60'	partially crushed wall rock (csg)			
3	0.025	0.02	0.91	72'	partially crushed wall rock (110' csg)				
4	0.085	0.13	3.23	27'	shear structure				
5	Nil	Nil	0.05	30'	partially crushed wall rock (110' csg)				
"Lower Workings"	6	Nil	0.05	0.13	30'	partially crushed wall rock (71' csg)			
7	< 0.005	Nil	0.18	30'	shear structure				
8	Nil	Nil	0.05	20'	partially crushed wall rock				
9	< 0.005	Nil	0.18	Surface	egg clump	15' SE / workings			
Various	10	Nil	Nil	0.05	Same, some stain	150' W / workings			
Surface	11	< 0.005	Nil	0.18	Same, common pyrite cgl	200' SW / workings (A)			
12	Nil	Nil	0.05	Same, fine sand cgl	200' SW / workings (B)				
13	< 0.005	Nil	0.18	400' SW	shear structure	200' SE / workings (C)			
14	Nil	Nil	0.05	Same, some weak shear	200' SE / workings (D)				
15	Nil	Nil	0.05	Same, 150'	downstream from # 13 & 14				
16	0.005	0.07	0.31	Same, 300'	downstream from # 15	stream			
17	Nil	Nil	0.05	Same, Same	From 300' of # 16				

values computed at Au = 30/oz and Ag = 2 2/3

17 Au & Ag, single @ \$4.00
17 samples prepared @ \$.85



Eliso Spring Mount Wrightson Quadrangle

CC: American Smelting & Refining Company
ADD: P. O. Box 5795
CITY: Tucson, Arizona 85703
ADD: Attn: Mr. James Sell
CITY:

REMARKS:

Analysis Cert. By



Preparation \$ 14.45
Analysis \$ 68.00

for photo by Harry Lewis

Mine Dust Called Peril To Observatory's Work

**Buffer Zone Sought
Around Mt. Hopkins**

By JUDY DONOVAN

J. H. C.

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

JUN 7 1967

June 6, 1967

To: J. H. Courtright

From: J. D. Sell

USGS Open file map
Mt. Wrightson Quadrangle
Santa Cruz & Pima Counties, Ariz.

The Arizona Bureau of Mines now has the recently released map of the Mt. Wrightson quadrangle available for reproduction.

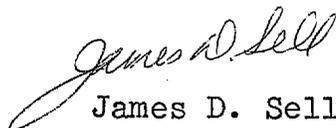
The title of the released map is:

Preliminary Geologic map of the
Mt. Wrightson Quadrangle,
Santa Cruz and Pima Counties,
Arizona, by Harald Drewes.

Although the map is a 15-minute series (scale 1:62,500), the base was enlarged to the scale of 1:48,000 on which the geology is plotted. A separate Explanation Sheet accompanies the open-file map.

Approximately one-half the map is covered by volcanic tuff, tuff breccia, and breccias of Jurassic to Cretaceous in age, with some Jurassic to Tertiary (Laramide) intrusives, which are overlain by additional extrusive flows and tuffs of mid-Tertiary age. A few age dates are given for some of the formations.

A short discussion of the Mesozoic volcanic rocks are reported in a paper entitled: "Exotic blocks and coarse breccias in Mesozoic volcanic rocks of southeastern Arizona" (USGS Prof. Paper 550-D, p. D12-D22).


James D. Sell

JDS:bam

6/7/

Phoebe has requested
Tucson Blueprint to
pick up the map &
explanation & have
copies made.

J.H.C.

J.H.C

JUN 7 1967

Victor 4-9413

372 LAKESHORE HY. WEST
OAKVILLE, ONTARIO

~~W.E.S.~~
C. PHILIP JENNEY
CONSULTING GEOLOGIST

ROUTE 6
400 GOLF VIEW DRIVE
TUCSON, ARIZONA

297-2014

J.E.K.
4-22-66

W.E.S.

APR 20 1966

April 19, 1966

J. E. K.

APR 27 1966

Dr. W. T. Pecora
Director
U. S. Geological Survey
Washington 25, D. C.

Dear Sir:

From 1962 to date, your Dr. Harold Drewes has been mapping the geology of the Mount Wrightson quadrangle in southeastern Arizona. On April 5, 1966, he spoke to a large meeting (150) of the Arizona Geological Society on "The Mesozoic Rocks of the southern Santa Rita Mountains, Arizona" and did an excellent job. On Sunday, April 17th, he led a group of 56 geologists on a field trip through the southern Santa Ritas. It was generally agreed that this field trip was not only interesting but very helpful to many of us who are exploring for minerals in this general area.

file

At present there are at least a dozen mining companies actively working in the Santa Rita and Patagonia Ranges. On the field trip we were allowed to examine a preliminary geologic map of the Mount Wrightson quadrangle and most of us felt that it would be of great help to us in our exploration if a preliminary geologic map of this quadrangle could be made available, on open file, prior to printing of the Professional Paper. It was thought that this work might require three weeks of Dr. Drewes' time.

Therefore, this is a request presented by me on behalf of my clients, the West Range Company of Butte, Montana, that the preparation of such a preliminary map be considered at this time.

Yours very truly,

C. P. Jenney
C. P. Jenney

CPJ/ja

Blind cc:

G. A. Barber
Dirk DenBaars
Russell Corn
W. S. Cavender
Harold Courtwright
F. T. Graybeal
Walter Heinrichs
J. B. Gordon
J. L. Kelly
W. C. Lacy
D. LoBiondo
J. D. Loghry
R. W. Ludden, Jr.
William Lundby
Seth Moger
F. D. Mackenzie
F. C. Metler
H. W. Pierce
J. J. Quinlan
Harrison Schmitt
John L. Splane
J. G. Stone
John Thomas
W. J. Walker
Quentin Wishaw

Blind note: If enough of us write, we'll get it on
open file!