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James Doyle Sell Mining Collection

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"Keys"

Samples run 0.10 \rightarrow 6.40 g Ag

0.02 \rightarrow 3.20 Cu 1001 \rightarrow 88.8%

ave 0.50 Ag, 9.80 Cu, 5.5% Pt

Other \rightarrow 0.05 \rightarrow 1.20 Ag

0.01 \rightarrow 0.14 Cu, 1001 \rightarrow 12.40 Pt

40, 35, 24' on 3 dull ldr (3/4")

all in space Δ of 35' max.

Send Keys a note as to whether
we are interested or not.

Harmon E. Keyes

Box 213, Eagar, Ariz

85925

Phones 333-4448 - Eagar

333-4919 - Greer

544 E. Coker St. Apt. 8

Phoenix, Ariz 85006

254-3944

Blue House mtn Quad

Just above lower "FOREST"

between BM 5003 & 5505

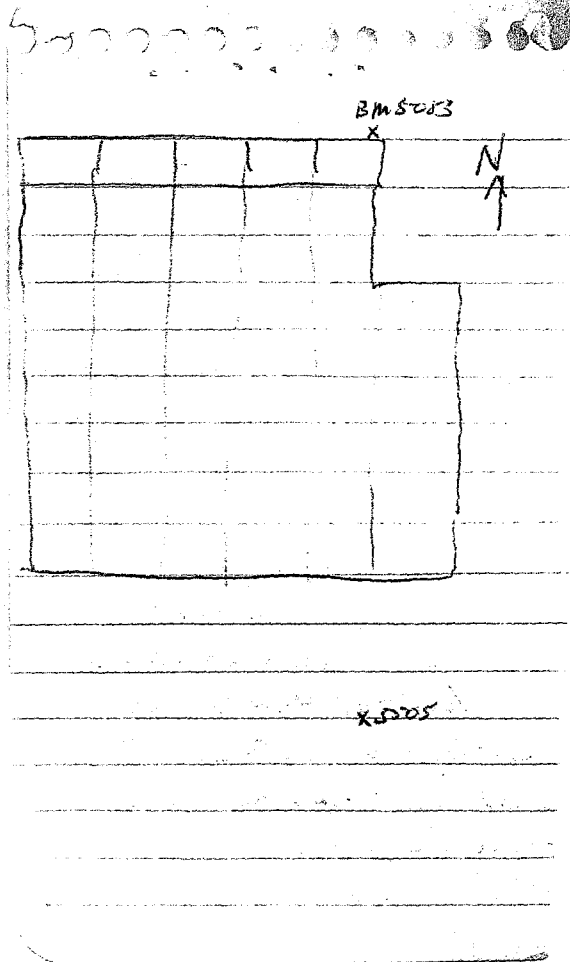
(Heart of Pinal Canyon).

Lost Hole & Ash Canyon Claims

5th Claim. Cp, Ga, Mag. in lms w/ asbestos
very white; & from Jaeger

Show low stand str. at top of hill going in

P.J. Dandrea (Homer Barnes)
Clyde Caldwell



HARMON E. KEYES & ASSOCIATES
CHEMICAL AND METALLURGICAL ENGINEERS

April 20, 1970

544
//509 EAST CULVER STREET, Apt. 5
TELEPHONE 254-3944 -
PHOENIX, ARIZONA - 85004

Box 213, Eagar, Arizona
85925
Phone: 333-4448 - Eagar
333-4719 - Greer

Mr. James D. Sell
Exploration Geologist
American Smelting & Refining Co.
P.O. Box 5747
Tucson, Arizona 85703

Dear Mr. Sell:

After conferring with you in Phoenix I contacted Paul E. Cook, a partner in the property southwest of Phoenix, which was briefly mentioned.

After May 4 I should know as to availability of this property. Should you wish to look into it there is information in my file that can be discussed with you.

If you decide to investigate the property near Seneca I shall be pleased to assist in arranging details from that end.

It was a pleasure to meet you and I trust we may have further negotiations of mutual interest.

Sincerely,

Harmon E. Keyes
Harmon E. Keyes

Encl.
Letter to P.J. Dandurand
4/20/70

544 E. Culver St.
Apt. 5
Phoenix, Arizona
85004

April 20, 1970

Mr. P.J. Dandurand
Box 195
Show Low
Arizona 85901

Dear Mr. Dandurand:

Last week conference was held with the exploration geologist for a large mining company interested in investigating potential properties. I showed him the location and representative specimens from your claims, as well as the assays from recent samples.

In about a week I expect to learn whether or not he wishes to go over your location. If this is affirmative we can arrange a mutually convenient date to meet you at the property.

Meanwhile, if you have any new drilling information please keep me advised.

Sincerely,

H. E. K.

Harmon E. Keyes

*J.D. Sell
copy*

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

April 22, 1970

MEMORANDUM

TO: W. E. Saegart
FROM: J. D. Sell

Base Metals - Asbestos
Lost Lode - Ash Canyon Group
Seneca District
Gila County, Arizona

During a luncheon at the Arizona Academy of Science meeting, I was engaged by a Mr. H. E. Keyes, a retired metallurgist and acquaintance of Norm Weiss, who apparently is engaged in some consulting work on a number of properties in Arizona and New Mexico.

Mr. Keyes was recently at a property in the asbestos district west of Seneca where a group of people in the Showlow area have been dabbling at an asbestos property and have drilled three holes (3/4" diameter) in a small (35 foot base) triangle at depths of 24, 35 and 40 feet. Keyes (pronounced Kaiyes) had collected some surface samples from the diabase, the limestone, an oxidized shear zone, and the drill core, and had some interesting values (from Arizona Testing Laboratories - Phoenix).

Group One: oz Ag - 0.10 to 6.40; average 0.50 oz. Ag.
% Cu - 0.02 to 3.32; average 0.30% Cu
% Pb - 0.01 to 0.88; average 0.57% Pb

Group Two: oz Ag - 0.05 to 1.20
% Cu - 0.01 to 0.14
% Pb - 0.001 to 12.40

The samples were apparently restricted in areal extent and only limited exposures are available.

Two publications on the area are available (USBM Information Circulars 7706 and 7745 -- Chrysolite-Asbestos Deposits of Arizona) and show the claim group of 51 claims to lie in the proximity of the major asbestos production in Arizona. (See the attached Figures 1 and 2).

April 22, 1970

Two small mines are apparently closest to (if not within) the claim group: The Alamo and the Wonder. The Wonder was noted to have "considerable magnetite" (p. 14-15, IC 7745) but no base metals were noted in either the Alamo or the Wonder. However, the Triple Star Mine (mine key #5) several miles south was reported to have minor oxide copper surrounding chalcocite nodules in limestone (p. 34, IC 7706). None of the other asbestos deposits of the Seneca area were noted to have base metal mineralization.

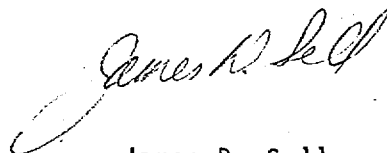
The company files on the area do not mention metal occurrences. The area is composed of the younger Precambrian Apache Group which has been intruded by Precambrian diabase. The major asbestos occurs in the proximity of the algal member of the Mescal Limestone. No known Tertiary intrusives are in the area.

Diabase in conjunction with the very favorable limestone host could carry disseminated values as well as high grade pods of base metallization and the area should be investigated for such potential, although it is realized that high-grade pods in the Mescal would probably have been found during asbestos exploration and none has been reported to date.

Attached also are copies of two letters from Keyes. The main people involved in the Seneca area include:

P. J. Dandurand
Larry White (Standard Station, top of hill, Showlow)
Jerome Jaeger
Homer Barnes
Clyde Cloudt

but Keyes believes it would be best to work through him.



James D. Sell

JDS/kvs

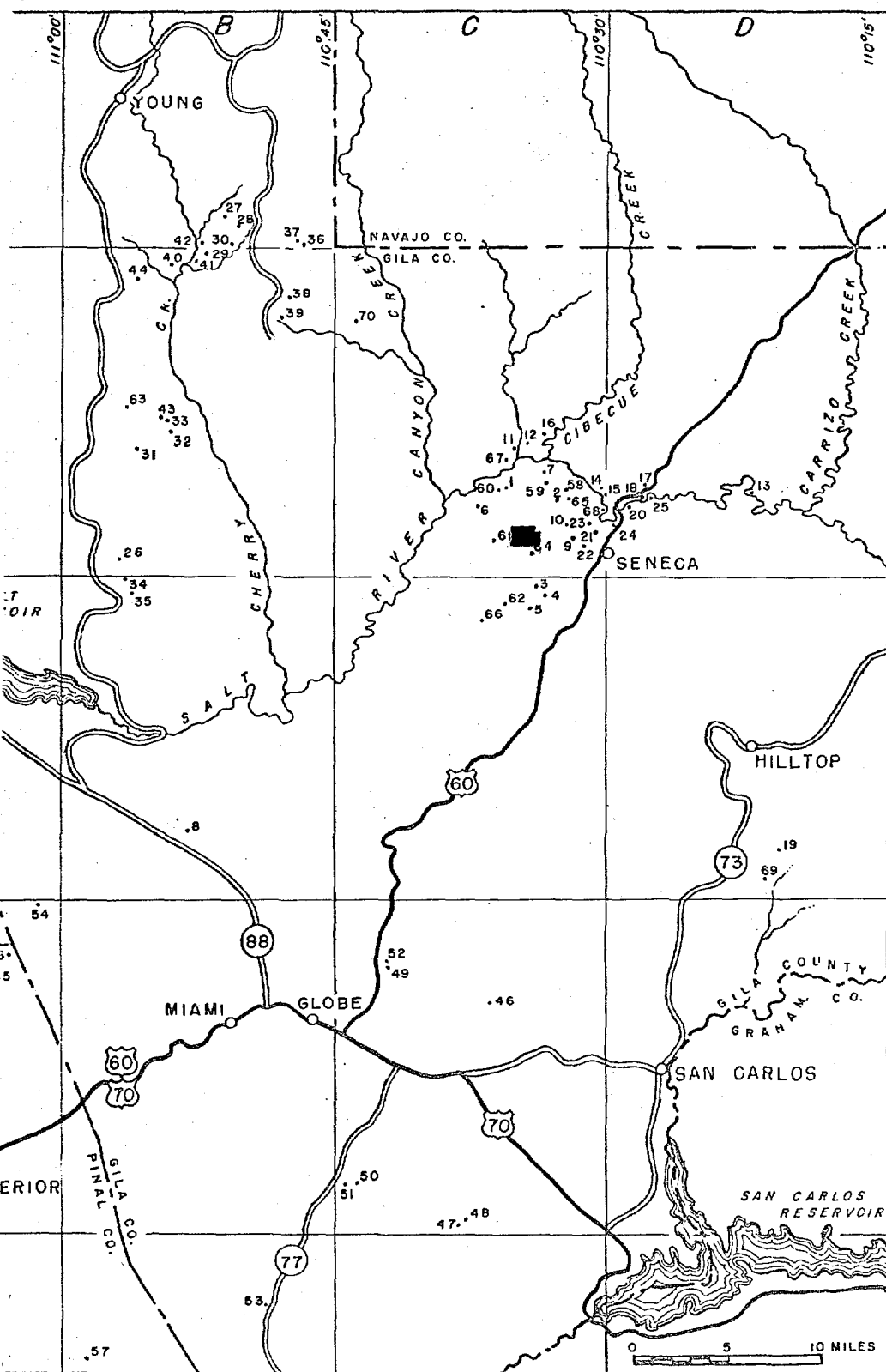


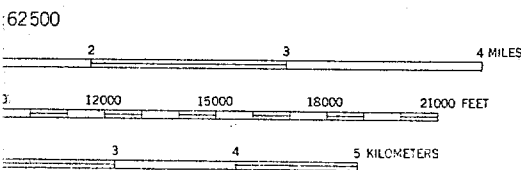
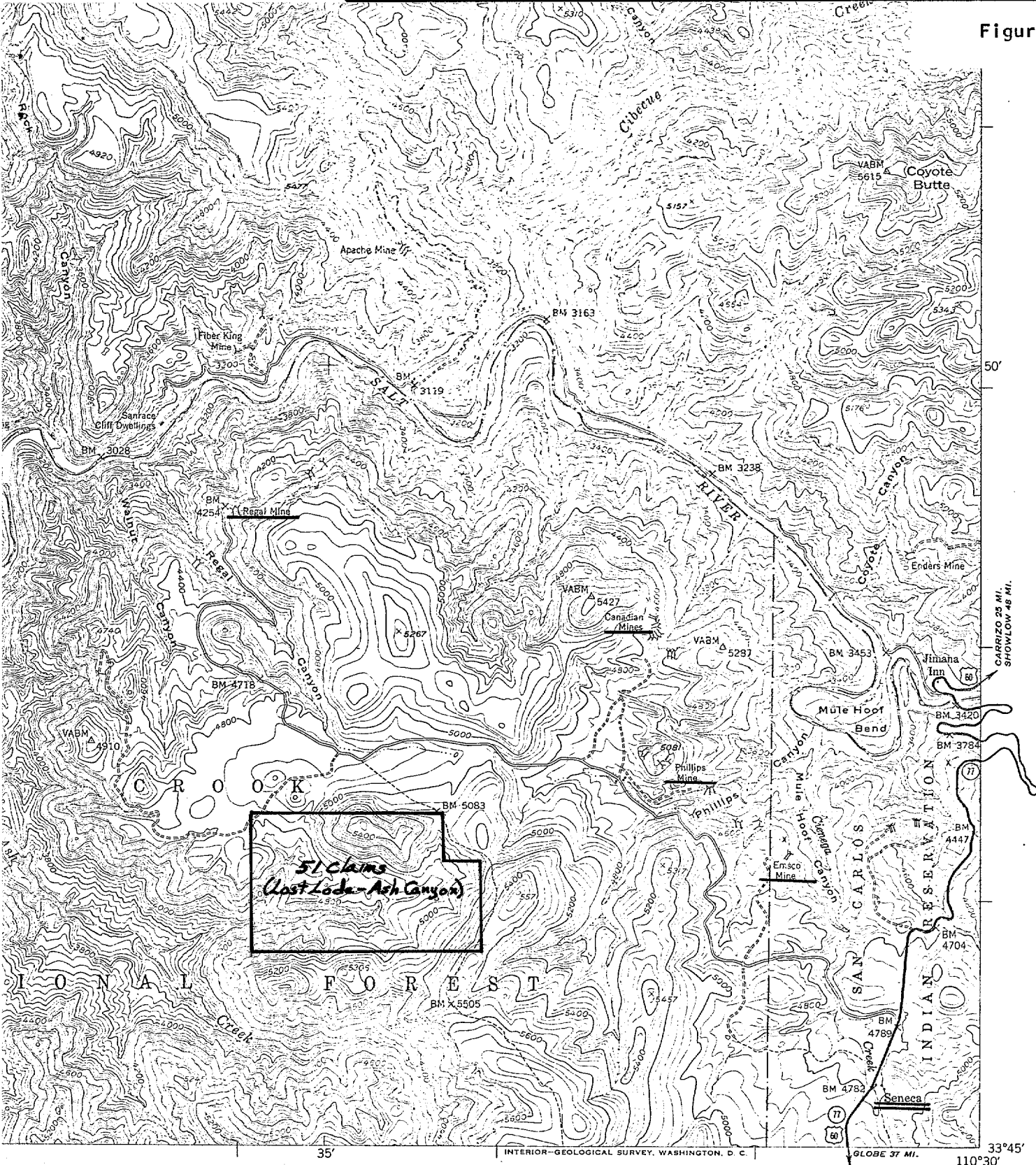
Figure 3. - Location map, asbestos deposits, central Arizona region.

Key to mine locations-figure 3

	Finding index
- 1 Regal	C - II
- 2 Canadian	C - II
Western Chemical Co.	
3 Victory	C - III
4 El Dorado	C - III
- 5 Triple Star	C - III
6 Fourth of July	C - II
7 Punto Negro	C - II
8 G and H No. 1	B - III
Phillips Asbestos Co.	
9 Grandview	C - III
10 Ladder	C - III
11 Apache (Crown Asbestos)	C - II
12 Apache Extension	C - II
13 Stansbury	D - II
14 Horse Shoe	C - II
15 White Tail No. 2	C - II
16 Loey and Lena	C - II
17 Prochnow (Cibecue Mng. Co.)	D - II
18 Snake Hill	D - II
19 Bear Canyon	D - III
20 Sorsen	D - II
21 Pine Top	C - II
- 22 Emsco	C - II
23 Golden Fiber	C - II
24 Great View	D - II
25 Wonder and Silk	D - II
26 American Ores	B - II
American Asbestos Cement Co. Fig. 21	
27 No. 1	B - I
28 Home	B - I
29 Buckhorn	B - II
30 Tony	B - I
31 Reynolds Falls	B - II
32 Pueblo	B - II
33 Lucky Strike	B - II
34 Globe	B - III
35 Miami	B - III
Sloan Creek	Fig. 27
36 Last Chance	B - I
37 American Beauty	B - I
American Fiber Co. Fig. 29	
38 Rock House, north group	B - II
39 May	B - II
Melrose Mines	Fig. 32
40 White Beauty	B - II
41 J. W.	B - II
42 Man O'War	B - I
43 Metate No. 1	B - II
44 Bore Tree Saddle	B - II
45 Independent (Conway)	A - II
46 Metate Apache	C - IV
47 Mystery	C - IV
48 Chiricahua	C - IV
49 Chromo Butte	C - IV
50 Indian Springs	C - IV
51 Lone Pine	C - IV
52 G and H No. 2	C - IV
53 Mescal Mountain	B - V
54 Shackelford	A - IV
55 Kennedy (see fig. 36)	A - IV
56 North American	A - IV
57 Ray Southern	B - V
58 Salt River Group	C - II
59 River Group	C - II
60 Cliffbestos Group	C - II
- 61 Wonder Group	C - II
62 Little Favor Group	C - III
63 Rosa claims	B - II
- 64 Alamo claims	C - II
65 Oso claim	C - II
66 Ruiz claims	C - III
67 Fiber King	C - II
68 Dream Girl	C - II
69 Cassadore	D - III
70 Double Buttes	C - II

Figure 2

170



VAL 40 FEET
SEA LEVEL

AL MAP ACCURACY STANDARDS

TER, DENVER, COLORADO OR WASHINGTON 25, D. C.
AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS DRY WEATHER ROADS
Heavy-duty 4 LANE 6 LANE Improved dirt
Medium-duty 4 LANE 6 LANE Unimproved dirt
Loose-surface, graded, or narrow hard-surface - - -
U. S. Route State Route

BLUE HOUSE MTN., ARIZ.
N3345-W11030/15

EDITION OF 1951

170

JDS

W.E.S.
MAY - 5 1970

Re: Base metal & Ag occurrence
in Seneca Asbestos Dist.

This is very low priority since
tonnage potential is not attractive.
Since we do not have anyone free at this
time, please advise Keyes we are
not interested unless values can be
demonstrated over larger dimensions

W E S

298-9271



AMERICAN SMELTING AND REFINING COMPANY
EXPLORATION DEPARTMENT
SOUTHWESTERN UNITED STATES DIVISION
P. O. BOX 5795, TUCSON, ARIZONA 85703

May 12, 1970

1150 NORTH 7TH AVENUE
TELEPHONE 602-792-3010

Mr. Harmon E. Keyes
544 East Culver Street
Apt. No. 5
Phoenix, Arizona 85004

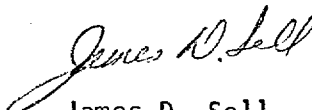
Dear Sir:

After reviewing the office files and the U. S. Geologic Survey publications, then being called out of the office for ten days, I advise you that the Ash Canyon area west of Seneca will not be examined by ASARCO at this time.

Although the values reported by you, especially Group One, are interesting, it is noted that they represent a very restricted area and low potential at this time. Should additional work extend the size or increase the values, ASARCO would be most appreciative to be notified. In the interim, the property will be placed on the prospect list for inclusion during the availability of a geologist in the area. Assuredly you will hear from us at such time.

I thank you for your discussions and hope that we can get together on other properties which may have a larger size potential.

Sincerely,

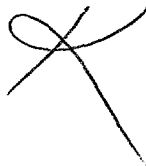

James D. Sell

JDS/kvs



Mr. Saegart:

Jim Sell didn't say anything to me about opening his mail,
but I assume that anything of the attached nature should
be routed to you.

A handwritten 'X' mark, likely indicating a signature or a checkmark.

JDS Desk

RECEIVED

JUN - 8 1970

EXPLORATION DEPT.

HARMON E. KEYES & ASSOCIATES
CHEMICAL AND METALLURGICAL ENGINEERS

P.O. Box 213
Eagar, Ariz.
85925

~~508 EAST CULVER STREET~~
~~TELEPHONE ALPINE 3,590~~ 333-4448
~~PHOENIX, ARIZONA~~

June 5, 1970

W.E.S.
JUN 9 1970

Mr. James D. Sell
Exploration Geologist
American Smelting & Refining Company
P.O. Box 5795
Tucson, Arizona 85703

Dear Mr. Sell:

Thank you for your letter of May 12. About a week later Mr. Romy Jaeger, one of the partners and member of White & Jaeger, Chevron Service Station of Show Low, phoned me.

He described a new find of ore somewhat farther up the creek bottom from the work we discussed in Phoenix. I asked him to send a sample and description of this showing. His note of May 21 stated-

"The samples came out of a vertical vein, which seems to be about 4 feet or so wide, with chalcopryite showing.

"It is rather difficult to describe- this vein, perhaps, came up from the main ore body-"

By separate mail I am sending you about half of this sample, sent by Mr. Jaeger on May 21. These values appear to be chalcopryite and galena, probably at or near the surface.

Should you consider it worthwhile to examine this property your interest will be appreciated.

Sincerely,

Harmon E. Keyes
Harmon E. Keyes



AMERICAN SMELTING AND REFINING COMPANY
SOUTHWESTERN EXPLORATION DIVISION
P. O. BOX 5747, TUCSON, ARIZONA 85703

W. E. SAEGART
SUPERVISOR

W. L. KURTZ
ASSISTANT SUPERVISOR

June 11, 1970

1150 NORTH 7TH AVENUE
TELEPHONE 602-792-3010

Mr. Harmon E. Keyes & Associates
Chemical & Metallurgical Engineers
P.O. Box 213
Eagar, Arizona 85925

Dear Mr. Keyes:

I acknowledge receipt of your letter addressed to Mr. James D. Sell. He has gone to Alaska for the summer and we will therefore keep the samples and your letter until he returns. Mr. Sell will get in touch with you when he comes back.

Very truly yours,

W. E. Saegart
W. E. Saegart *by RCB*

:lab

cc: J.D.Sell 