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James Doyle Sell Mining Collection

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AFTER FIVE DAYS RETURN TO

Owen L. Harris
787 Hill St
Superior Arizona
85273 ZIP CODE



James D. Sell
American Smelting and Refining Company
P. O. Box 5747
Tucson, Arizona 85703

Febr 5. 19.74 Superior Ariz

Below James D sell I am
Ready far to look over some
more of those claims as I can
not get the Drill at this time.
at latter Date I Shell drill
some more. I have found some
more Prtty fair Silver did you
get those samples finished. I have
taken some more over to Valley
assay office 1010. Lemon St
Tempe Arizona 85281. L. Lee Boyer.
Fairly good Test can show you
when you come up here which I
hope it is soon. Well look forward
to here from you soon your friend
Oren L Harris.

AFTER FIVE DAYS RETURN TO
Owen L. Harris
482. Hill St.
Superior Arizona
85273



ALWAYS USE
ZIP CODE



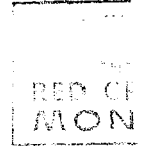
James D. Sell
American Smelting and Refining
Company, P.O. Box 5747.
Tucson Arizona 85703.

Febr 12. 19.74 Superior Ariz

Dear Friend it is Really
important that I send you word
of the Progress I am trying to make
as I can with this 48 claims
I am going ahead with setting
up the corners and ends stakes
I am putting up orange Ribbons
on each stake so that they can
be seen very easy. I have found
some more good Points about the
Property all the time. do you have
a Roll of orange Ribbon on hand
if so will you drop it by when
will you be by here. I sure hope
that we can get together before too
long. I am sure you have just got to see
the Different Prospects that are
Found. all Pretty good. I remain
Oren L Harris. your Friend
see you soon.

AFTER FIVE DAYS RETURN TO

Oren L Harris
221-28 ave
East Moline IL 61244
ZIP CODE



James D. Sell
Alarco
American Smelting and Refining Co
Southwestern Exploration Division
1150 North 7th Avenue
P.O. Box 5747, Tucson Arizona 85703

over
no. 1

East moline / L L

March 5 / 1981

Mr James sell it sure is
the time for us to get together
about those claims I have.
I tried to contact you in regards
when I was there in Superior
by Telephone but you were out of
town for few days so did not
get talk over any thing these are
very good showings Copper Silver
Gold Lead. this silver is running
with the lead. I would like to be
along with you when you come
look at these claims but I am
out here in / L L My wife is not
to good so a little hard to get away
but if I halft to I will make
arangments to come. I have all
these claims through the B L N
I have 37 claims with the work
done on tile next Sept.

No. 2

now I have a man that is
looking after the claims his
name is Buford Shockley I sent
him a letter in regards with your
address so he could contact you
and you and him can get together
he Probly will call you or send
you a letter and I hope he does
for I want you to Decide for
me about the claims. what we
want is for the Property to be
drilled and Drilled. With Option
and Lease. Well I shell expect a
return letter from you
yours Very Truly

Oren L Harris

ASARCO

JDS

*Arnett Creek Home Prospect
Lucky Day Claims
Pinal County, Az*

Exploration Department
Southwestern United States Division

March 13, 1981

Mr. Oren L. Harris
221 - 28th Avenue
East Moline, Illinois 61244

Dear Mr. Harris:

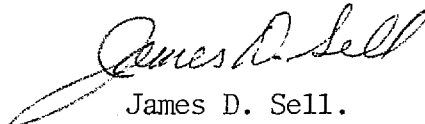
Your recent letter of March 5th was in my basket when I returned to Tucson. I hope your wife is feeling better with the winds of Spring about to start up.

Very good to hear that you have gotten the BLM work up to date and the claims in good shape. Mr. Shockley has not yet contacted me.

I'll probably be in this area for another week or so, with lots to catch up on, before returning north for at least several more months.

Not much more to report, but I'll not visit your claims this time around unless something special is brought up.

Sincerely,


James D. Sell.

JDS:jlh



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

1150 NORTH 7TH AVENUE
TELEPHONE 602-792-3010

January 30, 1975

Mr. Oren L. Harris
160A Neary Avenue
Superior, Arizona 85273

Dear Mr. Harris:

I see by your letter that you have returned from the summer's work in the upper mid-west and are busy back on your claims south of Superior.

Shortly after Barry French looked at the main area of yours he joined the exploration group of U.S. Borax here in Tucson and, of course, I do not know of any subsequent visits he might have made to your area.

As his letter to you stated, the characteristics found on your property place it low on the priority interests of our group. However, we continue to work in the Superior area and undoubtedly will be in contact with you.

Sincerely,

A handwritten signature in cursive script, appearing to read "James D. Sell".

James D. Sell

JDS:1b



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

1150 NORTH 7TH AVENUE
TELEPHONE 602-792-3010

February 14, 1974

Mr. Oren L. Harris
482 Hill Street
Superior, Arizona 85273

Dear Mr. Harris:

Your two letters have been received. As it stands today,
I plan on being in your area during the latter part of next
week (probably around the 21st). Will contact you then.

Sincerely,

A handwritten signature in cursive script, reading "James D. Sell".

James D. Sell

JDS:lb

Mr. Creal Harris

221 - 28th Ave

East Moline, Illinois 61244

Bud Mathews

May be all to move.
\$ 45/hour*

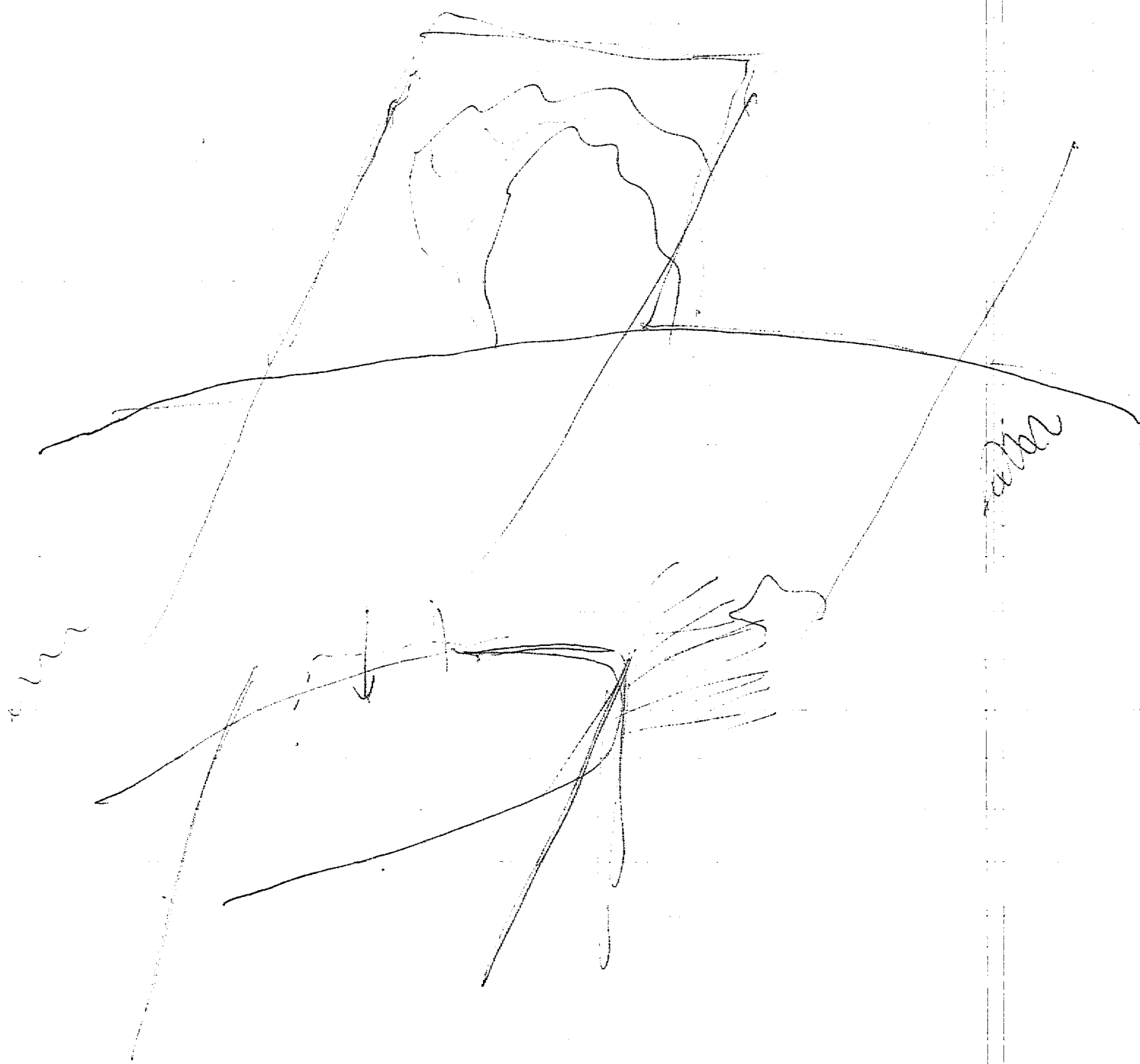
(22)

~~Time TG 3 + 4 = 7~~

~~Blue 7 + 5 = 12~~

~~SE 3 = 3~~

22



Benny

3/25/74

Mr. Harris called to say he was leaving
for Illinois. He may be contacted
at:

Mr. Owen L. Harris
221 - 28th Avenue
East Moline, Illinois 61244

Hopes to hear from you.

JOE



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

1150 NORTH 7TH AVENUE
TELEPHONE 602-792-3010

March 27, 1974

Mr. Oren L. Harris
221 28th Avenue
East Moline, Illinois 61244

Dear Mr. Harris:

I regret to inform you that the majority of your property is of no further interest to ASARCO. Perhaps an individual could successfully mine the "Windmill" vein; however, both the lead-silver veins and the oxide copper occurrences are too small for our company. Unfortunately I could find no surface indications pointing to something larger at depth.

A sample of the iron-rich "bornite" rock which forms the "brown ledge" on top of the hill east of the highway and south of your drill holes assayed as follows:

Copper	0.0021% (=21 parts per million)
Molybdenum	0.003% (=3 ppm)
Lead	0.0034% (=34 ppm)
Zinc	0.0088% (=88 ppm)
Silver	0.15 oz/ton
Gold	0.001 oz/ton

As you can see, these values are all quite low. I think the material that resembles the bornite you mentioned on this ridge is a form of iridescent iron oxide instead of bornite.

I do plan at a future date to have a closer look at the portion of your claims south of Lime Point, as I was unable to cover this ground in the time I had on the last visit.

I very much enjoyed working with you and appreciate your showing me the property. Hope that your wife is recovering satisfactorily and that you have a pleasant stay in Illinois.

Best of luck in the future.

Sincerely,

B. E. French

BEF:lb

cc: JDSell ✓

3441 East Milber

INVOICE

No. 10366

Phone 889-5787

AMERICAN ANALYTICAL and RESEARCH LABORATORIES

ASSAYERS - CHEMISTS - METALLURGISTS

TUCSON, ARIZONA 85714

SAMPLE SUBMITTED BY American Smelting & Refining CompanyDATE January 25, 1974

SAMPLE MARKED	ANALYSIS	CHARGES
Ace-1 --- Ace-8	Au, Ag, Cu, 6- Pb (A.A.), 2- Pb (Long), Zn, Mo	\$ 137.00
L-2-2	Geo-Chem Cu, Pb, Zn, Mo	5.00
1 Sample	Geo-Chem Preparation	.50
	Total	\$ 142.50

A.D.P.C.

JAN 28 1974

APPROVED FOR PAYMENT

By: WDS

(Signature)

General Exp.

AMERICAN ANALYTICAL and RESEARCH LABORATORIES

ASSAYERS - CHEMISTS - METALLURGISTS

TUCSON, ARIZONA 85714

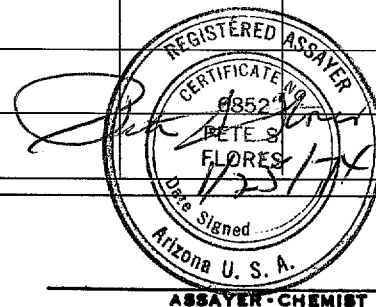
SAMPLE SUBMITTED BY American Smelting & Refining Company

DATE January 25, 1974

[illegible]

Invoice # 10366

CHARGES \$ 137.00



AMERICAN SMELTING AND REFINING COMPANY
TUCSON ARIZONA

March 28, 1974

TO: W. L. Kurtz
FROM: B. E. French

Arnett Creek Dome Prospect
Pinal County, Arizona

CONCLUSION

The exposed mineralization is too small and scattered to be of interest. The intrusive present is in general fresh and barren. Lacking significant alteration in the stock and in the adjoining sediments, no further work is recommended on this prospect.

Additional mapping should be done south and southwest of the dome, however, to determine the significance of a red-stained zone of Pinal Schist that was apparently overthrust by Paleozoic carbonates (see map).

INTRODUCTION

This prospect was submitted to Asarco by Mr. Oren L. Harris, 482 Hill St., Superior, Arizona. His property currently consists of 48 unpatented lode claims named "Lucky Day". They were located a few at a time from 1967 to the present.

The claims are situated about midway between Ray and Superior, Arizona, along State Route 177 near the headwaters of Arnett Creek. The area lies in the center of the north half of the Teapot Mountain 7.5 minute quadrangle.

Mr. Harris has drilled several shallow rotary drill holes, constructed numerous location pits, and taken many surface rock and drill hole samples. Unfortunately his drilling and sampling are of little scientific value, and his recollection of sample locations is somewhat hazy. In general, his very low values came from unmineralized country rock and his "high" values came from small, narrow fault-vein structures.

GEOLOGY

The Arnett Creek dome is formed by a small passively intruded stock of probable Cretaceous to Laramide age. It consists of equigranular, medium-grained, augite-biotite diorite. The rock is not resistant and decomposes rapidly. It is exposed in a shallow basin approximately 1-1/2 miles long and 1 mile wide in the center of the dome.

Verbal w/ W. Banks, April 2, thought this might be one of the Madena, PE, sites & was written up. However, I can find no data written on this block. JBB

Aside from a few remnants of Pinal schist, the diorite is flanked on the north, south, and east by the more resistant, ridge-forming Precambrian Apache group. The main ridge-formers in the Apache are the Barnes conglomerate and Dripping Springs quartzite. The Apache is overlain by another ridge-former, the Precambrian Troy quartzite. Dikes and sills of diabase have thoroughly invaded the Precambrian sediments always forming valleys or slopes inbetween the resistant sediments. Unconformably overlying the Precambrian is a thin, discontinuous ledge of Cambrian Bolsa quartzite, followed by a typical section of Paleozoic carbonates, which form the highest ridges in the locale of the prospect. At the south end of the dome the contact between the Paleozoic and the Precambrian rocks is puzzling. In places it is a high angle fault and elsewhere along the same contact it appears to be depositional (as an unconformity). If it is entirely a fault contact, its sinuosity suggests that it originally was a flat fault.

Post-mineral Tertiary tuffs and volcanics downdropped along the Concentrator fault border the truncated western side of the dome.

ALTERATION-MINERALIZATION

In general, the diorite stock is fresh and barren. There is minor quartz and epidote veining and some propylitic alteration. At the south end there is some apparent K-spar veining and flooding and a small area of abundant epidote on fractures. The only mineralization occurs in widely spaced shear zones. These zones contain small, irregular quartz, calcite and epidote stringers commonly with specularite and traces of oxide copper. The largest shear zone trends N80°E across the southern end of the stock and seems to line up with a mineralized fault which displaces the Apache group on the east side of the dome. Just before this structure is terminated to the west at the Concentrator fault, there is an open cut and inclined shaft which exposes about a 20-foot width of sheared diorite. A small amount of relict chalcopyrite with quartz was found on the dump, which also contained abundant fragments of sheared material soaked with oxide copper. The diorite, however, was fresh on both sides of this structure.

No contact effects from the stock were seen in the flanking sediments, although limonite is common on fractures in the Precambrian sediments and diabase. The upper part of the Dripping Springs quartzite, in particular, was soaked with limonite, but this seems to be more of a regional characteristic of the formation rather than a local effect from the stock. A sample from this limonite-rich unit (LD-1) assayed as follows: 21 ppm Cu, 3 ppm Mo, 34 ppm Pb, 88 ppm Zn, 0.001 oz/T Au, 0.15 oz/T Ag. A sample from

March 28, 1974

limonite-rich diabase near the diorite contact (LD-2) yielded: 56 ppm Cu, 2 ppm Mo, 570 ppm Pb, 1876 ppm Zn, Trace Au, and 0.14 oz/T Ag. With the exception of the lead and zinc in the diabase, the values are all quite low.

Aside from two small, ENE trending lead-silver veins, one on the eastern end of the structure mentioned above that cuts the stock and the other in the south end of the dome, there was no other significant mineralization seen in the Apache sediments within the prospect area. The overlying Paleozoic carbonates around the southern end of the dome are recrystallized, but barren.

The mineralization present in the prospect area appears to post-date the age of the diorite stock and the doming. Its source is not exposed and no evidence is present that points to a concealed source of economic potential.


B. E. French

BEF:1b
Attach.

cc: JDSell ✓

ARNETT CREEK DOME PROSPECT

PINAL COUNTY, ARIZONA

SCALE 1:24,000

BEF

MAR. 74

BASE: TEAPOT MOUNTAIN 7.5 MINUTE QUADRANGLE

EXPLANATION

- | | |
|-----------------------|--|
| Tv | Post-mineral Tertiary volcanics |
| dior | Augite-Biotite Diorite (Laramide?) |
| PAL | Paleozoic carbonates, undivided |
| Eb | Cambrian Bolsa Quartzite |
| db | Diabase dikes & sills |
| PRECAMBRIAN | |
| pct | Troy Quartzite |
| pem | Mescal Limestone |
| pds | Dripping Springs Quartzite & basal Barnes G. |
| pcp | Pioneer Shale & basal Scantling |
| pEpi | Pinal Schist |
| pEu | Precambrian, undivided |
| mineralized structure | |
| shear zone | |
| normal fault | |
| flat fault | |
| RH 130' | O.L. Harris Rotary Holes |
| Pb-Ag | Lead-Silver vein |
| LD-1, 2 | Sample sites |

