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James Doyle Sell Mining Collection

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COPELAND APARTMENTS
ON HIGHWAY 89

B. W. COPELAND REALTY
HOMES - RANCHES - LAND

311 SOUTH MONTEZUMA
PRESCOTT, ARIZONA

PHONE 445-5426

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

January 24, 1969

FILE MEMORANDUM

TO: J.H. Courtright

FROM: J.D. Sell

B.W. COPELAND PROPERTIES
YAVAPAI & MARICOPA COS.,
ARIZONA

Mr. B.W. Copeland of Copeland Realty Company, 311 So. Montezuma, Prescott, phone 445-5426, has brought to our attention three properties.

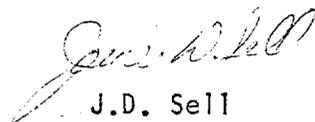
1) Slate Creek. This property is approximately 9.5 miles east of Wilhoit in unsurveyed Section 8, T12N, R2W between Slate Creek and Buzzard Roost Wash (to the west) and less than a mile south of the Buzzard Mine (Mt. Union 15' Quad.). Mr. Copeland is opening a gold-quartz vein running 1-4 feet in width with a representative sample running 2.4 oz gold, 70.5 oz silver, and 8.32% copper. Mr. Copeland believes that a similar quartz vein lies 100 feet further east and that the intervening ground contains values.

2) Silver Crown. *File Aa 25.14.3B.* This property lies east of the Zonia property in approximately Section 7, T11N, R3W. Presently it is controlled by the Arizona-Michigan Company, Mr. Langley Rayner--Manager, Mr. Ken Eakin--Geologist, Mr. B.W. Copeland--Broker. Some 12 to 15 holes have been drilled and suggests a mineralized zone some 3000 feet wide. The zone is in schist and shows strong oxidized pyrite copper zones with abundant oxide-silicate copper minerals as well as copper pitch. Some of the schist is highly bleached while other parts are quite fresh, as shown by specimens brought by Mr. Copeland. Area on the Kirkland 15' Quad.

3) Copperland. This area is north of Buckeye on the northwest side of the White Tank Mountains (White Tank Mtns. 15' Quad.) in Sections 2, 3, 10, 11 of T3N R4W. Cominco drilled ten holes in the area two years ago, ranging from 60 to several hundred feet, but apparently encountered no encouraging values. They also collected soil and rock chip samples and found a weak anomaly. Some IP was done and a northwest trend was found. Molybdenum geochems were run on mesquite leaves collected in the area and a broad geochem high was found over the area. Many samples were in excess of 20 ppm Mo in the ash analysis.

Mr. Copeland has apparently been around mining for some time. In all three properties he insists that he accompany any examination. Of

the three, the Silver Crown looks and sounds the most interesting, but the limits probably can be shown in exposures. Information on all core, assays, etc., can be secured. The Copperland area is mostly under alluvial cover and may constitute an important lead if the IP results could be strengthened. Copeland does not have either the IP nor the core drilling information, but does have the moly geochem analysis.


J.D. Sell

JDS:lzb

311 So. Montezuma St.,
Prescott, Arizona
Feb. 14, 1969

Mr. Reed F. Welch,
American Smelting & Refining Co.,
P. O. Box 5795
Tucson, Arizona

Dear Mr. Welch:-

Thanks for your letter of January 28th in response to my visit in your office on the 23rd. I plan to put some men to work on the Slate Creek claims right after March 1st and it should take us only a few days to finish the cross-cut tunnel to intersect the ore body. If it shows as indicated in the undercut 100 feet up, we should soon be in production. I shall then be happy to have you up for a look-see.

In the meantime I have heard nothing from Mr. Sells regarding his inspection of the Silver Crown property in east of Kirkland Junction, which I have for sale for my friends of the Arizona Michigan Mining Co. I also mentioned my own copper property on the desert in between Wickenburg and Buckeye. I would appreciate having him on both of these during the remainder of February and before we begin at Slate Creek, as it will be necessary for me to spend some time there in getting them started and in assessing the situation.

Will you please pass the word to Mr. Sells that I would appreciate hearing from him early next week to arrange inspection of one or both these properties?

Very truly yours,



B. W. Copeland

NB:- Think I must have given
Mr. Sells my telephone - Prescott 445-5426.
BWC

RECEIVED
FEB 17 1969

REED F. WELCH

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

March 17, 1969

FILE MEMORANDUM

TO: Mr. J.H. Courtright

FROM: Mr. J.D. Sell

B.W. Copeland Properties
Yavapai and Maricopa Counties,
Arizona

The three properties were originally written about in a file memorandum dated January 24, 1969.

Accompanied by L.J. Jansen, I met Mr. Copeland and discussed the three properties and made rapid visits to the Silver Crown and the Copperland properties.

1). Slate Creek. No further work has been done on the property but a visit is slated after his lower tunnel cuts the vein area.

2). Silver Crown. This property, held by the Arizona-Michigan Mining Company, Inc., was investigated through inspection of the roads, drill sites, selected core intervals, and further discussions with Langley Rayner, Manager of the property and a vice-president of the Arizona-Michigan Company, Ken Eakin, geologist. Rayner lives at the property during the week, but can generally be found in Prescott during the weekends. His unlisted phone is Prescott 445-2369. No phone is at the property. Mail can be sent to Box 829, Prescott, Arizona 86301 or to the property o/o Ken Eakin, Star Route Box 46, Kirkland, Arizona 86332. The surface exposures show a wide (3000 ft.) zone of variably altered and colored Yavapai Schist with a strike length of in excess of 6000 feet and probably much longer although the color zone appears to be breaking into stringer type areas to the northeast. The color zone parallels the schistosity which generally trends N 35-40°E. The southwestern half is estimated to contain about 20% of its area as relatively uncolored streaks whereas to the northeast the ratio may be 50-50 to colored and uncolored areas.

Coloration is the main feature although in some zones abundant pyritic-chalcopyritic limonites were noted along the schistosity as well as copper oxide stain and films plus some sericite. The drill core inspected indicates that the massive color essentially terminates between 50 and 90 feet with minor limonitic material present along schistosity to a somewhat greater depth. Sulfides are present at depth with pyrite and chalcopyrite being the major constituents. After the surface inspection, we were informed that a few assays were available. We were able to secure a copy of the assays and they indicated interesting gold-silver values (perhaps averaging +4.0 Ag and +0.2 oz Au). We were unable to secure any core reject samples at the time but they said one composite would be made up and sent along with a copy of the results of the additional 50 assays they expected soon.

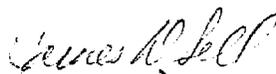
Surface sampling the zone and collection of additional reject samples will be undertaken in the coming week.

3). Copperland. Copeland's area in the White Tank Mountains shows an area characteristic of porphyry copper type alteration-mineralization in porphyries and fine-grained rocks. Abundant jarositic material is present in the area of pervasive kaolin and quartz-sericitic alteration.

The exposed area is out from the main mountain and consists of isolated hills surrounded by alluvium and being some quarter mile wide and a mile and one-half in length. A claim map was secured showing the boundaries and ten drill holes through the area (some for assessment, other somewhat deeper tests by Cominco). No results of the drilling are available and at the drill sites visited no core chips were found.

Geochemical results from mesquite plant ashings are available and I P was also conducted over the area. Only the verbal note that the I P showed a northwest-trending anomaly was forthcoming.

Further discussion with Mr. Copeland is warranted.



J.D. Sell

JDS:ir

MR. JDS
READ AND RETURN _____
PREPARE ANSWERS _____ HANDLE ←
FILE _____ INITIALS _____

311 So. Montezuma St.,
Prescott, Arizona
May 22, 1969

J. H. C.

MAY 26 1969

J. H. Courtright,
Chief Geologist,
Southwestern Exploration Dept.,
A. S. & R. Co., Tucson

Dear Mr. Courtright:-

I have your letter of April 25th cancelling out on my desert Copperland property, with paragraph regarding return of aerial photo, etc. So far these have not arrived. However, I did get the final papers on the honorable Silver Crown!!

When the boys were up here I told them about a 14-claim gold and silver property of my own on Slate Creek off the south slope of Mt. Tittle in the area of the Golden Eagle, Davis-Dunkirk, Jersey Lily, Buzzard, Blue Dick, Dosoris and others. At that time I was planning to open a cross-cut tunnel into a vein on up the side of the canyon and they asked to be allowed to examine the entire property when the vein was cut.

Tell them we have intersected the vein and been drifting both north and south on it. At present we are putting in a raise on an ore shoot which showed up to the south. Values are running around 2.02 oz. Au and 32.5 oz. Ag., with a little copper. However, This part will not be of interest to the company.

The part they will be interested in is to the south, where we have a red dike 20 to 30 feet wide running up the side of the canyon wall (lengthwise) for half-a-mile or so. Assays on this run mostly at 10 oz. silver and .02 oz. gold. I think it can be undercut with a bulldozer and many thousands of tons of milling ore taken out from the surface. Also, there are a number of other interesting structure which I will show them. A number of drill holes should be put down from the ridge, as some other strong structures are indicated along it NE-SW. I would like to get a good company on this as soon as I can, so if you can send me Jim Sell, or another good man right away, I would appreciate it. Give him time enough to look over a couple of other properties while he is up here.

Very truly yours,

B.W. Copeland
B.W. Copeland

*I called this PM, but
the girl said you were out until Monday*



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

1150 NORTH 7TH AVENUE
TELEPHONE 602-792-3010

June 17, 1969

Mr. T. D. Henderson
El Paso Ore Testing and Assay Lab
American Smelting and Refining Company
P. O. Box 895
El Paso, Texas 79999

B. W. Copeland Submittal
Slate Creek Area
Yavapai County, Arizona

Dear Mr. Henderson:

I have shipped by Greyhound Express two burlap sacks containing fifteen samples. The JSL-series samples are to be assayed for gold and silver. As most of the samples will probably only show low-grade values, it is suggested that they be seen by the Atomic Absorption technique. Quartz structures capable of containing high values include sample numbers 1, 6, 12 and 13.

Sincerely,

James D. Sell 

JDS:kc
Enclosure - Sample List
Greyhound Busbill D120941

WGL

GREYHOUND BUSBILL Co.

D 120 941

FORWARDING AGENT *J*

DESTINATION STATION <i>El Paso Tex</i>		STATE <i>Texas</i>		PHONE		<input type="checkbox"/> CHG. ACCT.			
CONSIGNEE <i>T.H. Hernandez</i>		DECL. VALUE \$		ACTUAL WT. <i>121</i> LBS.		TARIFF WT. LBS.		MO. DAY YEAR TIME <i>7/58</i> A.M.	
STREET ADDRESS <i>1000 5th St</i>		NO. OF PIECES <i>2</i>		CONSIGNEE NOTIFIED MO. DAY YEAR TIME		<input type="checkbox"/> DELIVERY		EXPRESS CHARGES \$ <i>5.30</i>	
CONTENTS <i>Rack</i>		PKG. BOX ENV. <input checked="" type="checkbox"/> SACK		ROUTING INSERT EACH COMPANY'S ABBREVIATION AND JUNCTION POINT ON LINES BELOW		CHARGES ADVANCED \$		PICK UP CHARGES \$	
SHIPPER'S NAME <i>Adrian</i>		BGG. CTN. OTHER:		COMPANY WGL		VALUE CHARGES \$		SUB TOTAL \$ <i>8.30</i>	
STREET ADDRESS <i>1000 5th St</i>				TO		DELIVERY CHARGES \$		STATE TAX \$	
ORIGIN CITY & STATE TUCSON, ARIZONA						TOTAL PREPAID \$ <i>8.30</i>			

(NOT NEGOTIABLE) SUBJECT TO TARIFF REGULATIONS
 LIABILITY: The carrier will not pay over \$50.00 for any shipment of 100 pounds or less, or 50c per pound actual weight for any shipment in excess of 100 pounds, unless a greater value is declared and charges for such greater value paid. Maximum liability limited by tariff.

1 SHIPPER'S RECEIPT
FORM O-17R (10-64) PRINTED IN U.S.A.

47433 JE17

8.30 PD

PREPAID

NO.

DATE

AMOUNT

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

July 8, 1969

TO: Mr. J.H. Courtright

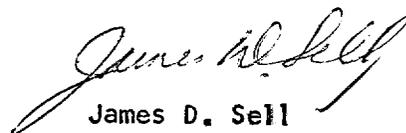
FROM: Mr. J.D. Sell

Slate Creek Prospect
B.W. Copeland Submittal
Yavapai County, Arizona

Gold-silver assay results from El Paso show no encouraging values in the samples from the Slate Creek area. Silver values of less than four ounces per ton were reported from the quartz-bearing structures previously worked on for the precious metal content. Elsewhere in the schist wall-rock, only nil or trace values were found. The El Paso values are reported as Attachment A.

The Slate Creek prospect was inspected and sampled on June 13, 1969 in the company of Mr. Copeland. Several earlier memos have been written concerning this previously unvisited property located in unsurveyed Section 8, T12N, R2W, or approximately six and one-half miles east-southeast from Wilhoit (Attachment B). Access to the property is via Wilhoit (Kirkland Quadrangle), hence 4.2 miles southeasterly down Orofino Wash road, hence 0.3 miles south down Hassayampa Creek, hence 4.5 miles easterly on the road up Buzzard Roost Wash to center of Slate Creek area (Mt. Union Quadrangle). The road at this point is on the ridge separating Buzzard Roost Wash on the west from Slate Creek on the east. The road continues down into Slate Creek and ends at Copeland's adit and drift workings on the north end of the property.

Attachment C is a sketch map showing the approximate locations of the fifteen cut samples and their description.


James D. Sell

JDS:ir
cc; RFWelch

AMERICAN SMELTING AND REFINING CO.

EL PASO ORE TESTING AND ASSAY LABORATORY

ASSAY CERTIFICATE

DATE July 2

1969

MARKED Tucson Office/B.W.Copeland Submittal - Slate Creek Area

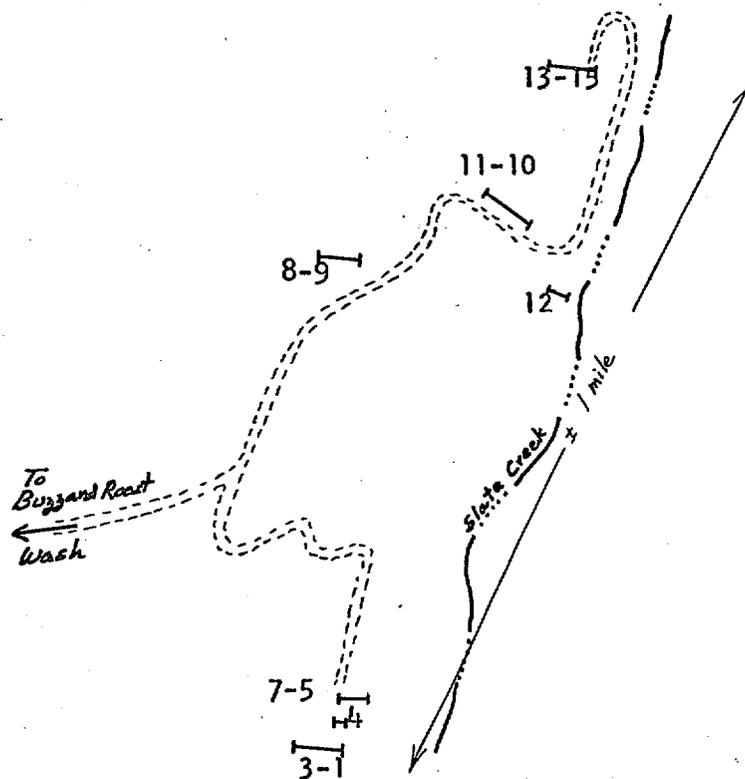
JDSell 6/17/69

LOT NO.		GOLD	SILVER		Pb	Zn	Cd	Fe	Mn		S	SiO ₂	CaO Total	CaO Avail.	
UNIT	SMELTER	OZ	OZ	Interv.	%	%	%	%	%	%	%	%	%	%	%
JSL-1		Tr	Nil	3.0'											
JSL-2		Tr	Tr	50.0'											
JSL-3		Nil	Nil	30.0'											
JSL-4		Tr	.06	2.0'											
JSL-5		Tr	.27	25.0'											
JSL-6		.060	3.67	3.0'											
JSL-7		Tr	.10	25.0'											
JSL-8		Tr	Tr	30.0'											
JSL-9		Tr	Tr	15.0'											
JSL-10		Tr	Tr	100.0'											
JSL-11		Nil	Nil	50.0'											
JSL-12		.005	.33	10.0'											
JSL-13		.035	3.76	3.5'											
JSL-14		Tr	.27	10.0'											
JSL-15		Nil	Tr	100.0'											

JDSell 42x
VKudryk
GWBossard
File

MILL PRINTING CO.—EL PASO

BY _____ A. Jiménez S. CHIEF CHEMIST



Slate Creek Area
Yavapai Schist Series
Schistosity N38°E.

Series JSL-

} Sample Group

Cuts perpendicular to
Schistosity

<u>Sample No.</u>	<u>Interval</u>	<u>Description</u>
1 } 2 } 3 }	3.0' 50.0' 30.0'	Quartz vein with heavy limonite Mica schist with variable limonite Basaltic schist with variable
4 } 5 } 6 }	2.0' 25.0' 3.0'	Mica schist (purple coloration) Mica schist with limonite Quartz vein with heavy limonite
7 } 8 } 9 }	25.0' 30.0' 15.0'	Mica schist with limonite Basaltic schist with magnetite-hematite Quartz vein and mica schist
10 } 11 }	100.0' 150.0'	Quartz veins and mica schist with limonite. Quartz veins and mica schist with limonite.
12 } 13 }	10.0' 3.5'	Quartz vein-schist with heavy limonite and pyrite. Quartz-silver chloride vein
14 } 15 }	10.0' 100.0'	Mica schist with limonite Mica schist with scattered quartz stringer.



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

1150 NORTH 7TH AVENUE
TELEPHONE 602-792-3010

July 8, 1969

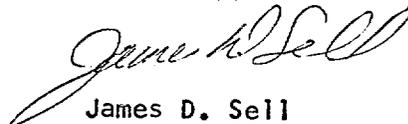
Mr. B.W. Copeland
311 So. Montezuma
Prescott, Arizona

Dear Mr. Copeland:

Enclosed are the El Paso assays on the samples cut at your Slate Creek Prospect. Sample 6 and 13 were cut on the 2-3 foot quartz veins where previous work had been done. Number 6 is on the south end and number 12 is over your adit area on the north. Samples 5,7,14, and 15 are wall rock samples adjacent to the quartz veins. The other sample showing value, number 12, is from the quartz shear zone in the middle adit down at the creek level. The remaining values, cut in schist or weak quartz zones have little precious metal content. Number 4, the "purple" zone within the schist had a small amount of silver.

From the results, no areas of extended values are suggested, however, ASARCO is appreciative of your cooperation during the examination.

Sincerely,



James D. Sell

JDS:ir
Enclosure