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James Doyle Sell Mining Collection

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2/4/91 664-150-3901
Twice from Congress 602/427-9909

JDS

ASARCO EXPLORATION RECORD

☒ FIELD EXAMINATION ☐ LITERATURE SEARCH ☐ ASARCO FILE ☐

Section I General Indexing

① Name(s) of Property or Area SINOSKI MINE					② Country USA		③ State or Province Arizona	
					④ USGS Quad. Yarnell		⑤ File or Core No.	
⑥ Latitude	⑦ Longitude	⑧ AMS Sheet Prescott	Township 9N	Range 4W	Section 10 7	⑨ Examined by M.A. Miller		⑩ Date 6-17-90
						⑪ Office SWED Tucson		⑫ Field Days 1

Section II Sources of Information

Date Typed 6/21/90

⑬ References	Author	Date	Title	Publications	Vol. No.
None - No reference in files.					

Section III Appraisal

⑭ Recommendations		⑮		⑯ Production		
<input type="checkbox"/> Action Now	<input type="checkbox"/> Post Producer	<input type="checkbox"/>	<input type="checkbox"/> Geologic Concept	Commodity	Tons	Grade
<input type="checkbox"/> Too Low Grade	<input type="checkbox"/> Producer	<input type="checkbox"/>	<input type="checkbox"/> Geochem Anomaly	Au	?	?
<input type="checkbox"/> Too Small	<input type="checkbox"/> Mineral Deposit	<input type="checkbox"/>	<input type="checkbox"/> Geophy Anomaly			
<input type="checkbox"/> Ownership Problem	<input checked="" type="checkbox"/> Prospect	<input checked="" type="checkbox"/>				
<input type="checkbox"/> Access Problem	<input type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/> Low Priority				⑰ Reserves		
				<input type="checkbox"/> Measured Commodity	<input type="checkbox"/> Estimated Tons	Grade
⑱ Num. Drill Holes				⑲ Excavations One incl. shaft		
Approx Total Footage				small open cut		
<input type="checkbox"/> Spectro. Analysis Attached				<input checked="" type="checkbox"/> Assays Attached		<input type="checkbox"/> Geochem Results Attached

Section IV Geologic Data

⑳ Commodity or Contained Metals		Au	
㉑ Ore Minerals-Major		Minor	
㉒ Host Rocks-Major		Minor	
Granites		Volcanics ?	
㉓ Age of Host Rocks		PE ? Tertiary	
㉔ Nature of Exposures		On small hill and in surrounding washes	
㉕ Alteration		Weak propylitic→sericitic towards structure-- unknown away from structure.	
		㉖ Total Extent 300' as seen on strike	
㉗ Structure		Appears to be a flat fault - N40°E 20°±NW - little gouge.	
㉘ Ore Occurrence ?		Probably associated with quartz veining in fault zone. Local rare Py cubes seen (oxidized).	
		㉙ Age of Mineralization ?	
㉚ Conclusions & Recommendations		Setting suggests possibilities for a bulk tonnage target, geophysical survey by Asarco indicates a response similar to the Yarnell anomaly. Weak color anomaly (red in hillsides) may be indicative of alteration/gossan. Assays pending on samples. If gold in assays, follow up is in order to extend zone. 7/6/90 Addendum: Results from sampling of best zone show gold values from .003→.013 opt Au. Low priority. Color anomaly should be examined if District wide area reconn initiated within Black Rock Dist., Yavapai Co	

(For additional space use extra sheets)

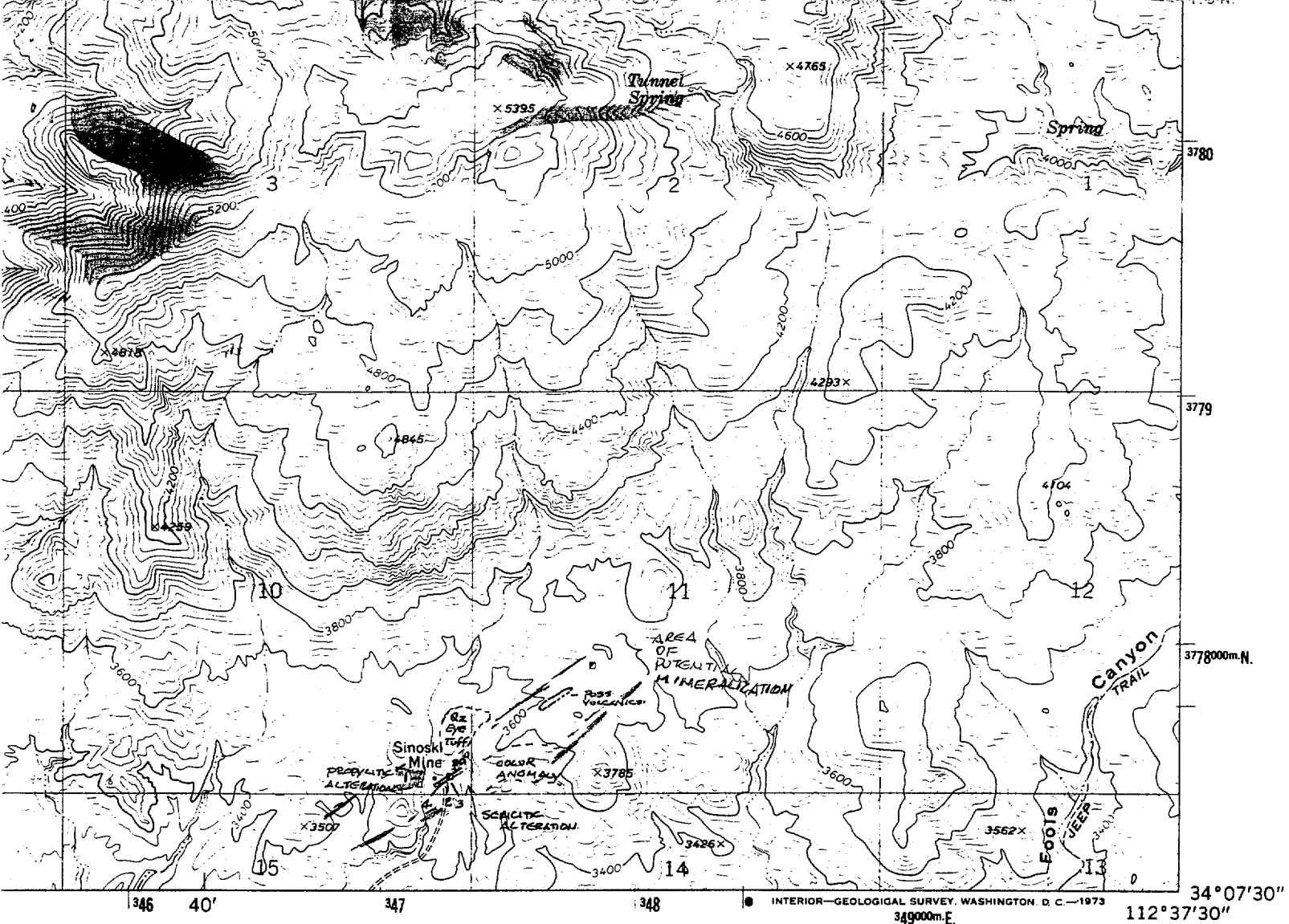
Form Revised June 1980-J.H.C.

MVK-5193

Asarconia River Canyon

SINOSKI MINE
Yavapai County, Arizona

- Sin 1 Random chip in face of wash, 10' high sample, gneisses or granites appear to be weakly propylitized moderately abundant white quartz veinlets, almost stockwork quartz veinlets from $<\frac{1}{4}$ → $>1''$ thick. Locally weak CuOx mineralization associated with quartz veins.
- Sin 2 Small open cut below small inclined shaft. Strong propylitic → phyllic alteration. Quartz veining abundant with quartz flooding. Moderately abundant FeOx on fracture surfaces. Sample represents a 5-7' chip sample.
- Sin 3 Small inclined shaft on flattish structure $\text{N}40^{\circ}\text{E } 20^{\circ}\pm\text{NW}$. Sericitic alteration, greenish tint to rock, weak → FeOx and MnOx on quartz veins. Abundant quartz stockwork (white quartz).
- Sin 4 Dump sample.



1 MILE
7000 FEET
METER



WASHINGTON, D. C. 20242
REQUEST

ROAD CLASSIFICATION

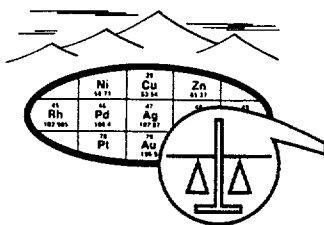
Primary highway, hard surface _____	Light-duty road, hard or improved surface _____
Secondary highway, hard surface _____	Unimproved road _____
○ Interstate Route	○ U. S. Route ○ State Route

YARNELL, ARIZ.
N3407.5—W11237.5/7.5

1969

AMS 3452 II NW—SERIES V898

(MORGAN 115L
3452 II 5L



SKYLINE LABS, INC.

1775 W. Sahuaro Dr. • P.O. Box 50106

Tucson, Arizona 85703

(602) 622-4836

REPORT OF ANALYSIS

JOB NO. TAJ 647

June 29, 1990

SIN#1-4 TO YAR43

PAGE 1 OF 1

ASARCO INCORPORATED
Attn: Mr. Mark Miller
Southwestern Exploration
P.O. Box 5747
Tucson, AZ 85703

ASARCO Incorporated

JUL 2 1990

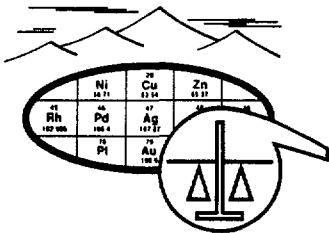
SW Exploration

Analysis of 7 Rock Chip Sample

ITEM	SAMPLE NO.	FIRE ASSAY	
		Au* (ppm)	Ag* (ppm)
1	SIN#1	.006	.6
2	SIN#2	.450	.6
3	SIN#3	.370	.4
4	SIN#4	.130	.2
5	BD#3-1	.210	.2
6	BD#3-2	.100	.2
7	YAR43	.008	.2

*NOTE: Method of analysis by combination
fire assay and atomic absorption.

cc: J.D. Sell (7/2/90)



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6	BD#3-2	.100	.2
7	YAR43	.008	.2

Senoski Mine

*NOTE: Method of analysis by combination
fire assay and atomic absorption.

cc: J.D. Sell (7/2/90)

[Signature]
William L. Lehmbeck
Manager

February 11, 1991

FILE NOTE

Sinoski Mine Area
Sec. 10, T9N, R4W
Yavapai County, AZ

C.O. Windels and I checked out some AEM anomalies in the Greater Yarnell study area last week.

One of the areas was the Sinoski Mine (M.A. Miller's Exploration Sheet of 6-17-90) where low gold values were noted in a "setting suggests possibilities for a bulk tonnage target."

The rancher, a Mr. Angel was reluctant to let us pass through his ranch and mentioned that the mine area was in a Wilderness area. Further checking with M.A. Miller confirmed that the several targets were within the Hassayampa River Wilderness with a cherry-stem to the Sinoski Mine.

Windels and I cancelled any further attempt to enter the area based on the Wilderness classification.

This classification should have been noted on Mr. Miller's Exploration Report.

JDS:mek


James D. Sell

cc: W.L. Kurtz
M.A. Miller