



## **CONTACT INFORMATION**

Mining Records Curator  
Arizona Geological Survey  
1520 West Adams St.  
Phoenix, AZ 85007  
602-771-1601  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ECLIPSE

ALTERNATE NAMES:

MARICOPA COUNTY MILS NUMBER: 155

LOCATION: TOWNSHIP 5 N RANGE 8 W SECTION 25 QUARTER E2  
LATITUDE: N 33DEG 44MIN 46SEC LONGITUDE: W 113DEG 02MIN 33SEC  
TOPO MAP NAME: BIG HORN MTS - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

SILVER  
LEAD SULFIDE  
GOLD LODE  
BARIUM  
FLUORINE FLUORSPAR

BIBLIOGRAPHY:

USGS BIG HORN MTS QUAD  
ADMMR ECLIPSE MINE FILE  
Ba 0.05% REPORTED IN SEMI QUANT SPECTROGRAPH  
ANALYSIS ON SAMPLE FROM PROPERTY

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Eclipse (Lead-Silver-Gold)

Date November 17, 1961

District Big Horn, Maricopa County

Engineer Travis P. Lane

Subject: Visit of Nov. 15, 1961

*rec 25, T5N R8W*

The property, comprising 3 unpatented claims, is located some  $19\frac{1}{2}$  miles southeasterly from Aguila, by practically level and mostly improved road.

Owner and Operator: Ralph Law, Box 5, Aguila, Arizona.

The country rocks of the area are predominantly andesite and rhyolite with occasional schist bands and numerous thin basic dikes. At the subject property sparse lead-silver-gold mineralization occurs in places in a broad shear zone (250' wide?) which strike slightly North of West.

Mr. Law and a partner, John House of Aguila, staked the three Eclipse claims in 1948. Former holders of the ground had sunk a shaft to a depth of 50' (1916?) on a narrow mineralized seam ~~in~~ under a steep East-West fault plane hangingwall in about the center of the broad shear zone. Law and his partner deepened the shaft to 70 feet (its present depth) and cut out along the vein for a distance of 10 to 15 ft at several places in the shaft. The only other working place on the property is a shallow pit some 40 ft. east of the shaft. The pit exposes the same seam and general mineralization as that seen in the shaft. No work has been done for a number of years and Law is now sole owner.

The material exposed in the shaft workings and for some 7 to 8 feet away from the hangingwall is crushed brecciated country rock with some thin quartz lenses and much clay gouge material. Mr. Law spoke of the work having encountered occasional small masses (maximum fist size) and sprinklings of galena. None was evident at the time of this investigation. No ore shipments have been made and no significant amount of valuable mineral appears to have been produced. Equipment consists of a small A-frame over the shaft with sheave but no bin, also several buckets and a truck dolly.

Mr. Law believes he has a continuation of the ore formation of the U.S. mine which is about 1 mile easterly from his Eclipse claims.

# Reed Engineering

620 South Inglewood Avenue  
Inglewood 1, California

Received from:  
**Ralph Law**

Date: Dec. 21, 1964

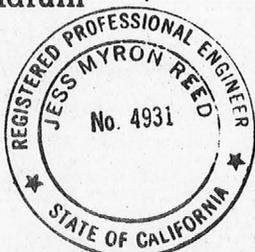
## SPECTROGRAPHIC ANALYSIS

Sample No.

Approximate Values

This sample has been tested for all the following elements.

	Lbs. per ton	Value per ton	Percent		Lbs. per ton	Value per ton	Percent
Aluminum	50	.50	2.5	Ruthenium			
Antimony				Selenium			
Barium	1	.01	.05	Silver			
Beryllium				Sodium	2	--	.1
Bismuth				Sulphur			
Boron				Strontium	4	.16	.2
Cadmium				Tantalum			
Calcium	900	see note	45	Thallium			
Carbon				Thorium			
Cesium				Tin			
Chromium				Titanium	trace	--	--
Cobalt				Tungsten			
Columbium				Uranium			
Copper				Vanadium			
Fluorine	850	\$70.00	42.5	Zinc			
Gallium				Zirconium			
Germanium				Silicon, water, oxygen			48.5%
Hafnium				RARE EARTHS			
Indium				Cerium			
Iron	12	.15	.6	Dysprosium			
Lead	80	\$4.80	4	Erbium			
Lithium	trace	--	--	Gadolinium			
Magnesium	3	.04	.15	Lanthanum			
Manganese	1	.04	.05	Neodymium			
Mercury				Praseodymium			
Molybdenum				Samarium			
Nickle				Yttrium			
Osmium							
Palladium				Radioactivity		none	
Potassium				Streak		pink	
Rhodium							
Rubidium				ULTRAVIOLET FLUORESCENCE			
				Long wave		none	
				Short wave		none	



The calcium is in the form of Fluorite valued same as Fluorine  
NOTE: Value per ton is an estimated value for raw ore, not for refined metal.

*J. M. Reed*  
Assayer

MEMO

Eclipse Claims (S 25, T. 5 N., R. 8 W.)

January 5, 1962

VULTURE DIST., MARICOPA CO.

LEWIS A. SMITH

Interview with Ralph Law (owner) 1-5-62 at Aguila.

Mr. Law stated that Travis Lane had examined the 3 claims before. He, however, had two samples from there which he did not have when Travis was there:

(1) 0.03 oz. Au., 26.12 oz. Ag, 28.3% Pb. -  $1\frac{1}{4}$  foot vein.

(2) 0.07 oz. Au, 7.09 oz. Ag, 9.10% Pb. - 4 " vein further along the strike.

He wants help to drill the vein.

1.07  
 29.51  
 90.44  
 114.12

28.3  
 57.65  
 16  
 33.94  
 10.54

**DEBON ASSAY OFFICE**  
**ASSAY CERTIFICATE**  
 J. W. (Jack) Sherpe, M.  
 Assayer

12.72 9.45  
 1.40 6.38  
 18.70 19.27  
 10.92 3.60  
 1.20

3/20/57

Wickenburg, Arizona 3/20/57

Ralph Law

Certificate No. 90

35.00  
 114.12  
 149.12

SAMPLE NO.	OWNER'S MARK ON SAMPLE	GOLD		SILVER		PER CENT OF		TOTAL VALUE PER TON
		OZ. TON	VAL. TON	OZ. TON	VAL. TON	Pd		
No. 1		0.03	1.05	26.12	25.51	23.3		
No. 2		0.27	9.45	7.09	6.36	9.1		

*Jack Sherpe*

Gold at \$..... per oz. Charges \$6.00 P.D.

Assayer

REED ENGINEERING  
620 South Inglewood Avenue  
Inglewood 1, California

# Assay Certificate

Date: Dec. 31, 1964

The samples received from

Ralph Law

assayed as follows:

Sample Identification	Gold		Silver	
	OZ. PER TON	VALUE PER TON	OZ. PER TON	VALUE PER TON
Ore	.09275	\$3.25	4.9	\$6.32

Gold \$35.00 Per Oz.

Silver 1.29 Per Oz.

*J. M. Reed*  
ASSAYER

The Eclipse mine, although small in area—a single claim—is another record maker of former years that is in line for a protracted era of prosperity in this day of modern mining and milling appliances. It lies next to the Savoy group and is owned by Luke brothers of Phoenix. In the late '80s the Eclipse shipped about \$100,000 worth of ore, a considerable tonnage having a value as high as 1,000 ounces in silver per ton. It was mined in a parallel vein to what is known as the Tiger Gold ledge. The ore disclosed in the workings is not alone rich in silver, but in lead and zinc as well. It offers no treatment problem which cannot be solved by the oil flotation process. The extension of this rich ledge has been opened on the Bond property, where the same grade and character of ore is exposed.

2-1916

ARIZONA DEPARTMENT OF MINERAL RESOURCES  
MINERAL BUILDING, FAIRGROUNDS  
PHOENIX, ARIZONA

August 29, 1958

To the Owner or Operator of the Arizona Mining Property named below:

Eclipse Mine (Maricopa County)

(Property)

(ore)

We have an old report

which we would like to have



at form with as complete detail  
assay returns, shipment returns  
and which might interest a

Mr. G. I. Hayes

1755 West Hadley Street

Phoenix, Arizona

*Frank P. Knight*

FRANK P. KNIGHT,  
Director.



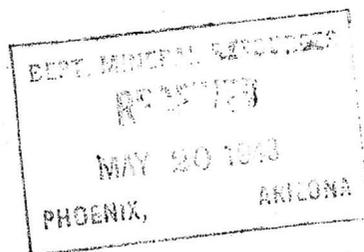
Enc: Mine Owner's Report

May 19, 1943

Eclipse Mine  
Aguila, Arizona

MEMORANDUM

To: J. S. Coupal  
From: Elgin B. Holt



Reference is made to your memo of April 15th, stating that Mr. G. I. Hayes, 1755 W. Hadley St., Phoenix, owns the Eclipse mine, located 22 miles southeast of Aguila, near the Moon Anchor mine.

That Mr. Hayes would like to have an engineer look the property over and advise him as to the proper procedure to follow.

That Mr. D. J. Pal owns a property on the same lead and that Pal may be found in Aguila and that arrangements might be made with him to show me the property on my next visit to Aguila.

In reply, I passed through Aguila last Sunday, May 16th, and looked Mr. "Pal" up. This name is incorrect, as the man who owns a property on the same vein as the Eclipse is Dempsey B. Powell, and not Pal. I had a talk with Powell, and asked him if he could go with me to the mine the following Monday, May 17th. He said he was working and could not go, and suggested that I get in touch with Mr. Hayes in Phoenix by telephone or wire and get him to meet me any day at Aguila. I then asked Powell about the mine and the condition of the shaft, as to whether it could be entered or not. Powell stated: That the <sup>shaft</sup>, which is about 50 feet deep, is in bad condition, in that there is a rickety ladder going down from the collar of shaft, which is not timbered, to a depth of 20 feet, to an offset in the shaft; but below that point there is no ladders at all. Powell also stated that sometime ago he went down the rickety 20-foot ladder, with somerisk to himself, to the offset mentioned where he found the vein to be about 8 feet wide, and carrying oxidized lead ores. He cut two samples, which he turned over to Hayes; but had not learned the exact results.

Under the circumstances, I made no effort to communicate with Hayes, as there is no use in going to a mine that cannot be entered. It seems strange that anyone will ask engineers to examine a shaft with no ladders, and no other means to enter the same. So as to proper procedure, would suggest that Mr. Hayes have the shaft collared up at the surface and a good ladders installed, before asking anyone to make the trip out there for the purpose of examining his mine.

COPY TO: B. W. Brown

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

Rec'd 1-6-65

Date Jan 4 - 1965

1. Mine: Calipse 1-2-3
2. Location: Sec. 25 Twp. 5 N Range 8 W Nearest Town. Agua Distance 2.0 miles  
 Direction South West Nearest R.R. Santa Fe Distance 2.0 "  
 Road Conditions Good graded road for 1.8 miles, 2 miles dirt road
3. Mining District and County: Ventura
4. Former Name of Mine: ? Old property, relocated 1948
5. Owner: Present owner, Ralph Law  
 Address: Box 51, Agua Ariz
6. Operator:  
 Address:
7. Principal Minerals: Lead - Silver - Gold
8. Number of Claims: Lode 3 Patented Unpatented   
 Placer Patented Unpatented
9. Type of Surrounding Terrain: These are rolling hills, but no high mountains
10. Geology and Mineralization: This is a wide fault zone about 50 ft wide on surface. The rock has a brown to gray color. There is a 70 ft shaft, which was dug on a pipe. At 60 ft there was a fault which put ore off. The one at this point is 12" wide. At surface was about 2" wide
11. Dimension and Value of Ore Body: At 60 feet the 12" wide, lead \$4.50 - Silver \$6.32 - Gold \$3.25. Inclined in assay sheets.

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

12. Ore "Blocked Out" or "In sight": 12" wide at 4 feet. Pipe

Ore Probable: ?

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts 1	70 feet	Safe to enter
Raises		
Tunnels 1	20 feet	
Crosscuts		
Stopes		

14. Water Supply: There is a good cattle well about a half mile from property

15. Brief History: From what information I can get it was dug in 1916 to 50 ft. I don't have any record of ore being shipped from property.

16. Remarks: This being a wide fault zone there is a chance of finding ore at deeper levels by drilling several test holes

17. If Property for Sale, List Approximate Price and Terms: Yes, 10% estimated value after test drilled. Cash or terms, 10% royalty.

18. Signature: Ralph Law, Box 51, Aquila, Ariz.

April 6, 1943

Local Rationing Board  
Phoenix, Arizona

Gentlemen:

Mr. George Irving Hayes of 1755 West Hadley Street, Phoenix, Arizona, has been doing considerable development work on the Eclipse Mining Claim in the Vulture District showing a commercial lead ore. He is about to continue with further work to develop this ore body which is of importance in the war effort.

I wish to certify that he fully qualifies for a supplemental supply of gasoline. I believe about 50 gallons of gas will fill his requirements for the next two weeks in order to carry out the work contemplated.

As lead is one of the critical minerals needed in the war effort, I hope that you can arrange to supply this additional gasoline needed.

Very truly yours,

J. S. Coupal, Director

JSC:LP

April 15, 1943

MEMORANDUM

Eclipse Mine  
Aguila, Arizona

TO: Elgin B. Holt

FROM: J. S. Coupal

Mr. G. I. Hayes, 1755 West Hadley Street, Phoenix, owns the Eclipse property located 22 miles southeast of Aguila near the Moon Anchor Mine.

Mr. Hayes would like to have an engineer look the property over and advise him as to the proper procedure to follow. I believe there is a 50 foot shaft showing 4 feet of lead ore on the property.

A Mr. D. J. Pal owns a property on the same lead and Mr. Pal may be found at Aguila. It would probably be necessary to arrange to have Mr. Pal show you the property if possible. Please make note of this and the next time you are in the Aguila district or have time to arrange to visit this property, please advise Mr. Hayes and arrange to make the trip.

May 25, 1943

*Big Horn West*

✓ Mr. G. I. Hayes  
1755 West Hadley Street  
Phoenix, Arizona

Dear Mr. Hayes:

If you will recall your visit here at this office regarding the Eclipse Mine at Aguila, I will say that I instructed our field engineer to contact a Mr. Pal at Aguila as requested by you. The engineer did call and found that the man who owned the property on the same vein as the Eclipse was a Mr. Demsey B. Powell.

Mr. Holt contacted Powell and found that the shaft on your property which is some 50 feet deep is in bad condition and that there is a ladder in poor repair down some 20 feet and below that there are no ladders at all.

In order to examine the property it would be necessary to undertake these repairs and until these are done, I do not see how our engineer could be of any value to you.

I understand that Mr. Powell cut two samples at some risk, and turned the samples over to you for assaying but he has not heard the results.

If the shaft can be made accessible, I can arrange to have our engineer examine it the next time he is in that vicinity.

Very truly yours,

J. S. Coupal, Director

JSC:kk