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Maricopa Arizona
County State

Chief Mineral Perlite No. Per-1 (11)
Accessory Minerals _____

Property Name: Protectio Claims

Location: secs. 7 & 18, T.5N., R.8W.
About 12 air mi S of Aguila

Owner: Unknown Name _____ Address _____
Located by H. W. Padgett Los Angeles, Cal

Date 10/23/1947

Operator: none

Production:
Total 50 tons From _____ to During March 1947
Present Rate none per _____ Date _____

Source of Information: _____

Status	Date
<u>Inactive</u>	<u>10/2/1947</u>
_____	_____
_____	_____

USBM Report: File No. 463.2/6002

Supplemental Report-Romslo _____

Classification: Potential producer

(See other side for general information) ✓

B/1

Perl

General Information: 7 unpatented lode mining claims in one group. [REDACTED]
[REDACTED] Sample of cleaner perlite yielded a n expanded product that
compares favorably with commercial perlite.

Character of Ore: _____

Equipment (Date 10/1/1947):
none

03/29/89

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: PUMICE

ALTERNATE NAMES:
METALLIC RECOVERY

MARICOPA COUNTY MILS NUMBER: 146

LOCATION: TOWNSHIP 5 N RANGE 8 W SECTION 16 QUARTER SW
LATITUDE: N 33DEG 46MIN 27SEC LONGITUDE: W 113DEG 06MIN 05SEC
TOPO MAP NAME: AGUILA - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
MANGANESE

BIBLIOGRAPHY:
USGS AGUILA QUAD
FARNHAM & STEWART USGM IC 7843 P 17
ADMMR "U" FILE

03/29/89

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: VALLEY-VIEW

ALTERNATE NAMES:

YARNELL
PRIETA CHINDA
WHEELER CLAIMS
MANGANESE DEVELOPMENT

MARICOPA COUNTY MILS NUMBER: 149

LOCATION: TOWNSHIP 5 N RANGE 8 W SECTION 20 QUARTER NE
LATITUDE: N 33DEG 45MIN 57SEC LONGITUDE: W 113DEG 06MIN 43SEC
TOPO MAP NAME: AGUILA - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

MANGANESE OXIDE
FLUORINE
BARIUM BARITE
CALCIUM CALCITE
SPECIMENS BLK CALCITE

BIBLIOGRAPHY:

USGS AGUILA QUAD
ADMMR INDUSTRIAL MINERALS REPORT P 37
FARNHAM & STEWART USBM IC 7843 P 16
ADMMR "U" FILE MARICOPA MN-7
VAN ALSTING R AZBM BULL 180 P 352
MILS 1-08-79 PRINTOUT
JONES E, RANSOME F USGS 710-D
CONFLICTING LOC. FROM "U" FILE, SEC16-T5N-R8W

03/29/89

PREPARED BY: DIETZ AND ASSOCIATES, 4706 N. 31ST DRIVE
PHOENIX, AZ. 85017, (602) 841-1744

PRIMARY NAME: LEAD DIKE

ALTERNATE NAMES:

BROWN MONSTER
CONSTELLATION

MARICOPA COUNTY MILS NUMBER: 142A

LOCATION: TOWNSHIP 5 N RANGE 8 W SECTION 13 QUARTER SW
LATITUDE: N 33DEG 46MIN 20SEC LONGITUDE: W 113DEG 02MIN 55SEC
TOPO MAP NAME: AGUILA - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD SULFIDE
COPPER
GOLD LODE
SILVER
VANADIUM

BIBLIOGRAPHY:

ADMMR LEAD DIKE MINE FILE
ADMMR "U" FILE
FLAGG, A.L. BOOK I-VANADIUM REPORT

Maricopa Arizona
County State

Chief Mineral lead-zinc No. Pb 8
Accessory Mineral copper gold silver

Property Name: Lead Dike

Location: 15 mi. SE of Aguila, Ariz.
Sec 19, T5N, R7W

Owner: Name Address Date
Dempsey Powell Aguila, Ariz. 3/1945

SN-8W-NE-SW 13

Operator:
None 3/1945

SEE AGUILA QUAD

Production:
Total 40 T crude From _____ to 3/1945
Present Rate _____ per _____ Date _____

Source of Information:

Status Date
Inactive 3/1945

USBM Report: File No. ⁴⁶³²¹ 402,15112
Engineer: Thos.C.Denton

Classification: Prospect

(See other side for general information) ✓

B/1

Black Mountain Vanadium Group.

The Black Mountain Vanadium Group consisting of fourteen unpatented claims located in the Vulture mining district, Maricopa county, Arizona east of Aguila, is the property of Milton Ray, Aguila, Arizona.

The general geology has been described by D.F.Hewett in the Engineering & Mining Journal, vol.120, p 19 (1928) and the Mining Journal vol.9, No.7 pp 47-50 (1925)

The following samples were taken July 2nd, 1942.

229- In the location hole on Claim No.22	0.06% V_2O_5
250- Brown dike at west end of Brucite claim.	0.08% V_2O_5
231- Bedded conglomerate under amended location hole on Brucite claim.	0.07% V_2O_5

Submitted by,

-----o-----

Lead Dike Group.

The Lead Dike Group consists of three unpatented claims in the Vulture mining district, Maricopa county, Arizona about 17 miles south east of Aguila, just off the Aguila - Buckeye road, about two miles.

The claims are the property of D.B.Powell of Aguila, Arizona.

The development consists principally of shallow holes. There are two shafts 35-ft deep. One is an incline on the No.2 claim. The other is on the intersection of two veins on the Lead Dike claim. On the No.3 claim there is a 35-ft tunnel with a 12-ft winze.

The best showing of vanadium is on the No.2 claim where a bright red ore said to be hewettite is found in a narrow streak next to the hangingwall. A sample from a pile of sorted ore out of this incline showed 0.50% V_2O_5 . The vein is about 4-ft wide, while the high grade streak is not over 6 inches.

On the Lead Dike claim there is a large irregular opening resulting from the stopping out of the sides of the original 35-ft shaft to recover the galena which occurred at this point, the intersection of two veins. The dump shows some vanadinite and descloizite. A grab sample of the dump assayed 0.05% V_2O_5 .

No other openings on the property show an appreciable amount of vanadium minerals and there is not much indication of any greater width in the incline on the No.2 claim. Along the strike vanadium occurs sporadically but never in any considerable quantity.

Submitted by,

03/29/89

PREPARED BY: DIETZ AND ASSOCIATES, 4706 N. 31ST DRIVE
PHOENIX, AZ. 85017, (602) 841-1744

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:

- ① USGS BIG HORN MTS QUAD
- ① ADMMR ECLIPSE MINE FILE
- ✓ Ba 0.05% REPORTED IN SEMI QUANT SPECTROGRAPH
ANALYSIS ON SAMPLE FROM PROPERTY

Reference
mills sheet sequence #0040130264

29.11
 90.44
 114.15
 38.3
 56.45
 14
 33.94
 3.45
 40.5

DUBOUILLE ASSOCIATES
 ASSAY CERTIFICATE
 J.W. (head) Sherman
 Assayer

Wickenburg, Arizona

109.2
 18.16
 109.2
 3.60
 112.80
 8/20/1919

Payroll Levy

3.000

3/20/19

NUMBER	CONTENTS	GOLD		SILVER		FED. CR. OF	TOTAL VALUE
		GR. TON	VAL. TON	GR. TON	VAL. TON		
18051		0.08	1.06	24.22	23.81	28.8	
18052		0.27	9.48	7.09	6.38	9.2	

Gold in S. ... for all ... Charges \$6.00 P.A.

Handwritten signature

Assayer

Eclipse Claims (S 25, T. 5 N., R. 8 W.)
VULTURE DIST., MARICOPA CO.

January 5, 1962

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, 2.3% Pb. - 1 1/4 foot vein.

(2) 0.07 oz. Au, 7.09 oz. Ag, 2.1% Pb. - 4 " vein further along the strike.

He wants help to drill the vein.

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
RECEIVED

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

sec 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.

12. Ore "Blocked Out" or "In Sight": 12" inside at 24 feet. Pipe.

Ore Probable: ?

13. Mine Workings—Amount and Condition:

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

14. Water Supply: There is a good little 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: There 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, Bnt 5-1, Aquila City.

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.

2-7 916

1.07
 2.9.57
 90.44
 114.12
 18.3
 35.40
 16
 33.74
 16.05
 50.79
 Certificate No. 50.79

QUEBEC ASSAY OFFICE
 ASSAY CERTIFICATE
 No. 10000
 Assayed

16.92
 18.38
 18.16
 10.82
 8/80/18.78
 19.18
 3.80
 9.45
 0.38
 19.29
 3.80

3/20/57

WATERBURY, ARIZONA

10000

3.80
 18.78
 19.18

SAMPLE NO.	COPPER'S NAME OR SAMPLE	SCALE				PER CENT OF	TOTAL VALUE
		GR.	FIN.	GR.	FIN.		
10001		0.27	8.65	7.00	6.36	8.1	
10002		0.29	8.65	7.00	6.36	8.1	

Alchay

Quebec No. 10000

10000

Reed Engineering

620 South Inglewood Avenue
Inglewood 1, California

Received from
Ralph Law

Date: Dec. 21, 1964

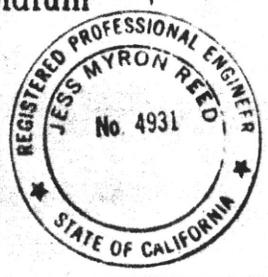
SPECTROGRAPHIC ANALYSIS

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

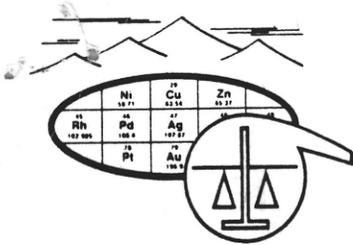
Long wave none
Short wave none

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

TABLE 16.—Lead and zinc districts in Arizona—Continued

Locality No. in figs. 27 and 28 and county and district	Principal lead and zinc mines, date of discovery (), and years of principal production ^{1/}	Mode of occurrence	References to mode of occurrence
Maricopa—Continued			
28. Wickenburg-San Domingo	Small production of <u>lead</u> , 1942-50, as byproduct of gold mining.	No data.	-----
29. Vulture	Montezuma (1863): <u>Lead</u> , variable production, 1936-50.	Lead-silver minerals in quartz gangue fill fissure veins in Precambrian granite and schist and (Tertiary?) andesite.	Ariz. Bur. Mines file data.
30. Osborn	Belmont-McNeill, Moon Anchor: <u>Lead</u> , 1926-30, 1937, 1941-44.	Lead and copper sulfides and oxidized minerals carry gold and silver in a siliceous vein that strikes S. 60° E. and dips vertically. Vein occupies a brecciated zone in volcanic rocks that ranges from 1 foot to 20 feet wide.	No.
31. Gila Bend Mts.	One mine: <u>Lead</u> , 1 to 2 tons produced in 1935 and 1946.	No data.	-----
32. Big Horn	Lead lode: <u>Lead</u> , about 7 tons, 1947-49; <u>Zinc</u> , 500 lbs., 1949.	No data.	-----
Mohave			
33. Bentley	Grand Gulch (ca 1853): <u>Lead</u> , small shipments, 1942-43 and 1957.	Oxidized lead minerals occur in very small quantities with copper sulfides and oxidized minerals along the periphery of a pluglike body of unstratified sandstone, intrusive(?) into Supai Sandstone.	Hill, 1915, p. 48-49.
34. Copper Mtn. (Andrus Canyon)	Copper King: <u>Lead-Zinc</u> , 1949.	Oxidized lead and zinc minerals occur in veins with oxidized copper minerals that also carry gold and silver. Minerals are localized along northwest trending fissures which dip steeply and cut flat bedded Supai formation.	Hill, 1915, p. 56.
35. Minnesota (Fidorado Pass)	Several mines (ca 1900): Small shipments of rich gold-silver- <u>lead</u> ore, 1930-32.	Gold, silver, and lead minerals in quartz veins that cut Precambrian granite.	Schrader, 1909, p. 218.
36. Gold Basin	Several small mines (ca 1870): <u>Lead</u> , less than 20 tons, as byproduct of gold mining, 1937-41.	Galena and cerussite in gold-bearing quartz fissure veins that cut Precambrian granite, gneiss, and schist.	Schrader, 1909, p. 118-127.
37. Weaver	Several small operations (1892): <u>Lead</u> , less than 5 tons, as byproduct of gold mining, 1933-48.	Galena and free gold in quartz gangue occur as stringers and irregular masses along the walls of low-angle faults in andesite.	Schrader, 1909, p. 216; Wilson and others, 1934, p. 79.
38. Music Mtn.	Several small mines (ca 1880): <u>Lead</u> , less than 15 tons, as byproduct of gold mining, 1935-48.	Galena in gold-quartz fissure veins which strike N. 40°-50° W. and dip 75° to vertical. Veins cut Precambrian granite, gneiss, and schist and younger granite and diabase of uncertain age.	Schrader, 1909, p. 142-151.
39. Cottonwood	<u>Lead</u> , about 2 tons, as byproduct of gold mining, 1936-41.	No data.	-----



SKYLINE LABS, INC.

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 Tucson, Arizona 85703
 (602) 622-4836

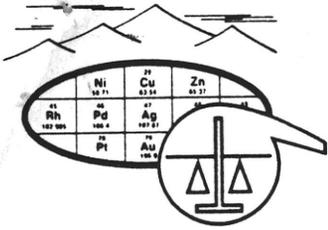
REPORT OF ANALYSIS

JOB NO. UGH 065
 July 9, 1985
 SCOTT MINE/KNABE #8
 PAGE 1 OF 2

NICOR MINERAL VENTURES
 Attn: Mr. Gary Parkison
 2341 So. Friebus, Suite 12
 Tucson, Arizona 85713

Analysis of 28 Rock Chip Samples

ITEM	SAMPLE NUMBER	Au (ppm)	Ag (ppm)
1	SCOTT MINE	<.02	3.4
2	VALLEY VIEW #1	<.02	.2
3	VALLEY VIEW #2	.03	.4
4	CONTACT MINE	.03	.4
5	WELL MINE	.05	.6
6	DEAD HORSE MINE	.03	3.2
7	PURPLE PANSY	<.02	<.2
8	PEGRIN WELL	.16	.8
9	MOLLIE D #1	<.02	.2
10	MOLLIE D #2	<.02	.4
11	KNABE #4	<.02	.2
12	WISCONSIN MINE	3.50	.2
13	B156A	.09	2.4
14	BLACK QUEEN	<.02	1.0
15	BLACK NUGGETT	.05	<.2
16	B526A	.10	1.4
17	B476A	.46	3.0
18	APACHE	.04	<.2
19	SW	<.02	.2
20	RAINBOW MINE #1	<.02	<.2



SKYLINE LABS, INC.
 1775 W. Sahuaro Dr. • P.O. Box 50106
 Tucson, Arizona 85703
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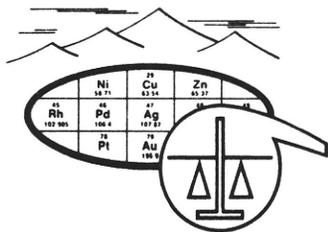
JOB NO. UGH 065
 July 9, 1985
 PAGE 2 OF 2

ITEM	SAMPLE NUMBER	Au (ppm)	Ag (ppm)
21	RAINBOW MINE #2	<.02	.2
22	WELDON HILL	.04	47.0
23	SNOWBALL MINE	.05	.4
24	ALASKA MINE	1.30	1.4
25	EL TIGRE	<.02	.6
26	B76A	.26	30.0
27	B536A	>10.00 *	17.0
28	KNABE #8	.45	3.2

*NOTE: Fire assay analysis to follow.

cc: Mr. George Allen
 c/o Arizona Bureau of Geology
 845 N. Park Avenue
 Tucson, Arizona 85719

William L. Lehmbek
 Manager



SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS
CORRECTED REPORT

JOB NO. UGH 065A
July 17, 1985
SCOTT MINE/KNABE #8
PAGE 1 OF 1

NICOR MINERAL VENTURES
Attn: Mr. Gary Parkison
2341 So. Friebus, Suite 12
Tucson, Arizona 85713

Analysis of 1 Pulp Sample

ITEM	SAMPLE NO.	FIRE ASSAY	
		Au (oz/t)	Ag (oz/t)
27	B536A	.700	.58

cc: Mr. George Allen
c/o Arizona Bureau of Geology
845 N. Park Avenue
Tucson, Arizona 85719