

# CONTACT INFORMATION

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## PRINTED: 09/06/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: WEDGE CLAIMS NO. 2

ALTERNATE NAMES: WEDGE LEAD GROUP

PINAL COUNTY MILS NUMBER: 211A

LOCATION: TOWNSHIP 3 S RANGE 11 E SECTION 17 QUARTER S2 LATITUDE: N 33DEG 09MIN 51SEC LONGITUDE: W 111DEG 14MIN 11SEC TOPO MAP NAME: MINERAL MTN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD GOLD SILVER VANADIUM BARIUM BARITE

**BIBLIOGRAPHY:** 

ADMMR WEDGE CLAIM NO. 2 FILE ADMMR U FILE PINAL PB9 ADMMR TABLE MOUNTAIN MINE FILE A.L. FLAGG, VANADIUM BOOK IV AND VIII SIMONS, FRANK S., GEOL. OF KLONDYKE QUAD GRAHAM AND PINAL CO. PP 461, 1964, P.150-151 ELEVATORSKI E.A., AZ IND. MIN. 1980, P. 53

04/30/87

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ADMMR WEDGE CLAIM NO. 2 FILE ADMMR U FILE P69 ADMMR TABLE MOUNTAIN MINE FILE A.L. FLAGG, VANADIUM BOOK IV AND VIII SIMONS, FRANK S., GEOL. OF KLONDYKE QUAD GRAHAM AND PINAL CO. PP 461, 1964, P.150-151 ELEVATORSKI E.A., AZ IND. MIN. 1980, P. 53

WEDGE CLAIM	#2		
Pb, Ag, Au			
Pinal	11 - 3	T 11 E, R 3 S	
L. Greehhaw	, Phoenix		*43



XX 'yuma S VOCE \* GENERAL REFERENCES FI < LISBM - ABGMT PF ICTION FILE DATA REFERENCE 1 FR (ARIZONA DEPAR MENT OF MINERAL RESOURCES - WEDGE # 2 FILE **REFERENCE 2** F3 (LISBM - FILE DATA CLUSTER # 966 REFERENCE 3 EFERENCE 4 F4 < U.S. CRIB-SITE FORM **RECORD IDENTIFICATION** B10 < B20 (X, 1 M) RECORD NUMBER \*RECORD TYPE DEPOSIT NUMBER 840 < GI (812. 10.3) REPORT DATE INFORMATION SOURCE BSO (1) FILE LINK IDENT. BSO ( USBM-004021 (GEST, DONI (last, first, middle initial) ER REPORTER(SUPERVISOR) G2 < LARABA (last first middle initi REPORTER AFFILIATION GS < ABGMT SITE NAME A10 WEDGE MINE ALI & WEDGE LEAD SYNONYMS LOCATION MINING DISTRICT/AREA ASO (MINERAL MOUNTAIN DIST RICT STATE ASO (A.Z.) COUNTRY A40 (U,S) PHYSIOGRAPHIC PROV A63 (1.2.1) A62 <1 5.05.0.1.0.0.K A64 < 4.9. K. K. (1.9.7.9.) DRAINAGE AREA LAND STATUS AND (MINERAL MOUNTAIN (1,9.6.4)> QUADRANGLE SCALE A100 (2.4.0.0.0.) QUADRANGLE NAME SECOND QUAD NAME A92 SECOND QUAD SCALE A91 <\_\_\_\_ FIEVATION \*ACCURACY UTM GEODETIC A120 <3.6.6.9.4.4.0.> NORTHING ,N,> LATITUDE A70 CL ACCURATE EASTING A130<4.7.7.8.3.0) LONGITUDE A80 <\_\_\_\_\_ , ,-, ,w,> ESTIMATED EST ZONE NUMBER A110 (+11,2) CADASTRAL A77 (0,0,3,5, ; , ) TOWNSHIP(S) \*RANGE(S) A78 < 0 1 1 E : 1 :,1 A79<17 1.10 1:18 SECTION(S) . br. SECTION FRACTION(S) AT6 COFSWOFSE ABIS GILA AND SALT RIVER MERIDIAN(S) POSITION FROM NEAREST PROMINENT LOCALITY A82 < . 5 MILES S-SW OF MINERAL MOUNTAIN (ELV. 3351) LOCATION COMMENTS A83 (JUST NE OF THE OKLAHOMA MINE \* ESSENTIAL INFORMATION + ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

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	DSIT TYPE(S)         C40            DSIT FORM/SHAPE         M10            ITH TO TOP         M20            ITH TO BOTTOM         M30            DSIT SIZE         M15            KE         M70            ICTION OF PLUNGE         M100            DESC. COMMENTS         M110            MINGS ore:         SURFACE M120           TH BELOW SURFACE         M100            IGTH OF WORKINGS         M170            C. OF WORK. COM.         M220	VEIN TAB ULAR UNITS MAIN UNITS MAIN MIS <medium MIS<medium MISS MAJOR VEL UNDERGROUND MISS BOTH MI40 (cirr VINITS MI6 VINITS MI6</medium </medium 	DESCRIPT	> m > m m 25 ENT	AXIMUM LENGTH IAXIMUM WIDTH IAXIMUM THICKNESS 3 <sup>*</sup> DIP M81 3 <sup>*</sup> PLUNGE M91	M40< M50<'2 s M60< 0<70 W	>	<sup>1</sup> UNITS <b>M41</b> < 1 <sup>1</sup> UNITS <b>M51</b> < 1 <sup>1</sup> UNITS <b>M61</b> <	<u>F</u> T
	USIT (TYPE(S))         C40            DSIT FORM/SHAPE         M10            DSIT FORM/SHAPE         M10            IH TO BOTTOM         M30            DSIT SIZE         M15            KE         M70            ECTION OF PLUNGE         M100            DESC. COMMENTS         M110            Orkings ore:         SURFACE M120           TH BELOW SURFACE         M160            IGTH OF WORKINGS         M170            C. OF WORK. COM.         M220	TAB ULAR TAB ULAR iunits Main iunits Main Main Main Mascaneoum Mascaneo	DESCRIPT	> m > m m 25 ENT	AXIMUM LENGTH IAXIMUM WIDTH IAXIMUM THICKNESS > <sup>*</sup> DIP <b>MB</b> U > <sup>*</sup> PLUNGE <b>M9</b> U	M40 < M50 < \ J_ S M60 < I0 <70 W	>	<sup>1</sup> UNITS <b>M41</b> < 1 UNITS <b>M51</b> < 1 UNITS <b>M61</b> <	<u>[]</u>
Control and the control of the cont	Control Scheme         M10           TH TO TOP         M20           TH TO BOTTOM         M30           Solf SIZE         M152           IKE         M70           ECTION OF PLUNGE         M100           DESC. COMMENTS         M110           Sorkings are:         SURFACE M120           TH BELOW SURFACE         M160           GTH OF WORKINGS         M170           SC. OF WORK. COM.         M220	JINDERGROUND	DESCRIPT	> m > m m sent	Aaximum length Iaximum width Iaximum thickness > tdip m81 > tplunge m91	M40 < M50 < 1 & s M60 < 0 < 70 W 0 <	>	<sup>†</sup> UNITS <b>M41</b> < <sup>†</sup> UNITS <b>M51</b> < <sup>†</sup> UNITS <b>M61</b> <	77
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GEN GR WORKINGS       MITS	NGTH OF WORKINGS M170 < SC. OF WORK. COM. M220 <	× +	rcle one) 61 <	<u>`</u>	<sup>+</sup> OVERALL LENGTH <sup>+</sup> OVERALL WIDTH	M190 < M200 <	\	<sup>+</sup> UNITS <b>M191</b> < <sup>+</sup> UNITS <b>M201</b> <	
GEOLOGY         GEOLOGY         E OF HOST ROCK(S)         KIA <schut< td="">         E OF HOST ROCK(S)         KIA<schut< td="">         COLSpan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan= 2"         COLSpan= 2"         COLSpan= 2"         KIA         COLSpan= 2"         COLSpan= 2"         COLSpan= 2"         COLSpan= 2"</schut<></schut<></schut<></schut<></schut<></schut<></schut<></schut<></schut<></schut<></schut<></schut<>	SC. OF WORK. COM. M220 <	? UNITS M17	<u></u>	>	OVERALL AREA	M210 \	/	UNITS M211	:
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EC OF HOOST ROCKIS)       KILL (L.K.E.C.,, K.         ST ROCK TYPE(S)       KILL (L.K.E.C.,, K.         ST ROCK TYPE(S)       KSL.         KEO (STORCKIS)       KSL.E.R.T.,, K. PRO 6ADLY MIDCEALE         TIMINERALIZATION       KSL.E.R.T.,, K. PRO 6ADLY MIDCEALE         TIMINERALIZATION       KSL.E.R.T.,, K. PRO 6ADLY MIDCEALE         TONIC STRUCT ROOK       KSL.         TONIC STRUCT NOSCE       KSL.A.S. TO N 25 % STRLIFING FLORENCE VEINS, W. DIP         U. REG. TRENDS/STRUCT NOSC       MARCAN         TONIC STRUCT NOSC       KSL.         STRICT NOSC       MISC         STRUCT NOSC       MISC				010100					
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E OF INFOLD ROCK (S) K24	ST ROCK TYPE(S) KIA	( SCHUT							
HEOLS ROCK TYPE(S)       KAK       LIBRITZ         EF OF MINERALIZATION       KSK       LIBRITZ         EF OF MINERALIZATION       KSK       N=S         TO NOT ORE       KAK       LIBRITZ         E CONTROL/LOCUS       KSK       N=S         KAK       LIBRITZ       TO N 25 Low STRIKING         E CONTROL/LOCUS       KSK       N=S         KAK       LIBRITZ       TO N 25 Low STRIKING         FILE RENDS/STRUCT       NISK       TO N 25 Low STRIKING         TOWIC SETTING       NISK       TO N 25 Low STRIKING         INFIGANT LOCAL STRUCT. NOK       TO N 25 Low STRIKING       TO N 26 Low STRIKEN LOW STRUCT NOK         INFIGANT LOCAL STRUCT. NOK       TO N 25 Low STRIKEN LOW STRUCT. NOK       TO N 25 Low STRIKEN LOW STRUCT. NOK         INFIGANT LOCAL STRUCT. NOK       TO N 25 Low STRIKEN LOW STRUCT. NOK       TO N 10 Low STRUCT. NOK         INFIGANT LOCAL STRUCT. NOK       TO N 25 Low STRIKEN LOW STRUCT. NOK       TO N 25 Low STRUCT. NOK         STRUCT NOK       NAME       NSAK       TO LOW STRUCT. NOK         COUS LOW TAGE       NSAK       Low STRUCT. LOW S	SE OF IGNEOUS ROCK(S) K2								
EOF MINERALIZATION       KS.(	NEOUS ROCK TYPE(S) K2A	(	PRALALY MIL	ENE		*****			
T. MINERALS (NOT ORE)       KAL SELMENT LACK       TO N 25 w STRLIKING FLUSHRE VEINS, w/ DIP         E CONTROL/LOUS       KS (N=5, TO N 25 w STRLIKING FLUSHRE VEINS, w/ DIP         U.REG. TRENDS/STRUCT, MS       TEATLARY DNTRUJIVES AROUND TINBERAL DOWNTRIN AREA         TONIC SETTING       N15         STRICT, MS       TEATLARY DNTRUJIVES AROUND TINBERAL DOWNTRIN AREA         STRICT, MS       TEATLARY         STRICT, MARE       MSSA         STRICT, MARE       MSSA         STRING, UNIT ARE       MSSA <td>SE OF MINERALIZATION K3</td> <td></td> <td>FINDATULI HIG</td> <td>ocent</td> <td></td> <td>19 - 19 19 19 19 19 19 19 19 19 19 19 19 19</td> <td></td> <td></td> <td></td>	SE OF MINERALIZATION K3		FINDATULI HIG	ocent		19 - 19 19 19 19 19 19 19 19 19 19 19 19 19			
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U. RES. TRENDS/SIRCU: NS. DECLIFICE	E CONTROL/LOCUS K5	TEATINGY TNITHANKES	AROUND MIN	NERAL	AUNITEIN AR	EA			
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DCESS OF CONC./ENRICH.NB0         RMATION AGE         N304_P.R.E.C.,,,,,,,	NIFICANT ALTERATION	~							
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RMATION NAME       N304       PINAL S CHUT         COND FM AGE       N354	RMATION AGE N30	(,P, R,E,C, , , , , , , , , , , , , , , , , ,							
COND FM AGE       N35	RMATION NAME N30A	(PINAL & CHINT							
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# L\_PARTMENT OF MINERAL RESOURCES STATE OF ARIZONA FIELD ENGINEERS REPORT

Mine WEDGE CLAIM NO. 2

Date August 28th, 1943

DEPT. MINERAL RESOURCES

RECEIVED

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District Mineral Hill, Pinal County

Engineer A. Macfarlane

Subject: Examination.

### OWNERSHIP

Mr L.Greenhaw now of Phoenix, Arizona states here's the owner, of the four unpatented claims, herein after refered to as Wedge Lead group, and recently these claims have been leased to Mr Louis N. Rahn, also of Phoenix, Arizona.

## Location

These claims and the workings thereon are situated nearly 18 miles easterly from Florence the County Seat Of Pinal County, Arizona and about 6 miles north of the Gila river and at the south foot of a high emminence, named Mineral Hill.

Ajoining claims on the north and east are of the Alta patented group and on the west and south, claims of the Troxel Holdings.

The Old Oklahoma mine at one time formally worked by the Shannon-Copper Co. during the early years of this century, now part of the Troxel group, forms the southwest boundary of the Wedge claims.

## Roads

From the paved main highway about 5 miles north of Florence a bladed County road extends eastward into the Mineral Hill belt a distance of about 17 miles, thence stub or mine roads fork and end at each mine. Practically all the road up to the Wedge tunnel is in fair condition and only needs minor repairs, prior to ore trucking.

### Vein Description

From inspection of the croppings it is determined that, three a veins roughly parralleling and about 50 and 80 feet apart, strike up a hill side from south to north.

The general course of these veins being N.25 degrees west and dip about 70 degrees west: on sketch have marked these fissures as East Vein, Center Vein and West Vein, and describe them as follows; . The East Vein cropping is bold well defined and has a surface width of 5' to 12', the stope at the southern foot made on the vein cropping shows high silica' content of the gangue and

from this stope Mr Greenhaw states he shipped to Magma Smelter a carlot assaying about 2 1/2% Cu'and a little gold and silver, and due to the high silica content, this material is desireable as convertor flux. Following up hill for 900'to the hill crest the cropping is continuous and shows some carbonate of copper mineralization. Another shallow surface cut made at the hill crest on East Vein, shows similar characteristics, although the Crest cut is about 175' higher elevation than the south stope.

The material mined at the Hill Crest stope seems to be in pile there and this pile is distant from the road by 300' and fully 150 higher than the road, it is presumed the grade of same was not high enough to permit of the marketing of this carlot.

This East Vein is structurally very attractive at the surface, but requires drifting and sinking in order to obtain sampling faces, for determination of the value of the vein filling.

Center Vein is developed by an open cut continued by a tunnel driven 75'on the lead, the heading now about 35' under cover.

Just inside the tunnel portal, a winze has been sunk to a depth of about 20' the lower 6' of this winze being filled with a mixture of ore and waste: This tunnel and winze have opened a vein from 2.5' to 4' wide. I took a 4' sample of the tunnel heading and this assayed nearly 4% Pb. while a 3' sample in the north end of winze and small stope assayed just over 32% Pb.

On the ends of this winze some tonnage of good lead ores can be won and it is noted, that this vein cropping some 70' southerly and 50' lower, exposes some of the Cerrusite and Galena, as now visible in the winze.

The head ores are not entirely continuous along the floor and back of this tunnel, the tendency being to occur in bunches or short lenzes; however it is fair to state; that continuation of the exploration on this Center Vein, will make available additional ores.

West Vein; Approximately 80' northwesterly from the portal of Center tunnel is situated the portal of the West Vein and the tunnel, which is driven into the hill for 75' on a north 28 degree west course. At this 75' point the tunnel forks, a left hand drift on course of north 45 degrees west was advanced at some past time a distance of 65'on what seems to be a lead bearing vein of 4' to 6' wide.

As much muck left from an overhead stope and numerous chollas, cactus spines, partly blocked the entrance to this drift and stope, I was unable to sample this part of the mineralization.

From this fork or junction a distinct Batholite, apparently faulting horizontly the near surface formations, at least in the area of this West Vein, the smooth top surface of this batholite, formed the floor of the tunnel in its northerly course.

All mining heretofore on this vein was done above this batholitic up-thrust, just to what extent this influence the downward structures and mineralization of the vein system, is not now determinable.

Geology

# Geology

Of the Mineral Hill area, seems complicated and many nonconformities appearent. Particularly the stratgraphical section, influencing the downward mineral existence is most important.

It is also apparent that the lead and copper minerals are contemporaneous with the quartz and other inclusive vein matter occuring in the pre-Cambrian rocks forming the surface exposures.

Older stratified formations are indicated as floors beneath the metamorphic hills the surface formations, wherein are found the veins and mineral depositions, may or may not penetrate beneath the lower stratas.

Mineral Hill just to the east of the Wedge claims, seems to be a large mass of Porphyritic Granite, while within the Wedge ground, dacite and kolinized and calcitic formations, form the host rock together with fractured ryholite.

Southward and lower down are noted stratas of altered lime these uptilted and showing effects of Igneous agencies.

The batholitic upthrust encountered within the West Vein tunnel, is apparently from the latter elements.

# Available Ores

The small amount of exploration made on any one vein and also the bunchy nature of the lead ores, does not yet make visible more than an estimated one or two carlots of shipping grade.

However mining along the continuance of these lead shoots, will place available more tonnage.

These lead ores are classed as Cerrusite, Anglisite and occational bunches of Galena; they are very low in sulphur, in fact clean lead smelting ore free from smelting penalties.

## Marketing Lead

The Lead smelter of the A.S.& R.Co. of Elpaso, Texas, provides a market for such ores as may be produced from the Wedge ground.

Smelting on this ore, the charge will be about \$4.50 Rail freight about 2.75

The net smelter value per above calculation \$10.00 per ton, by obtaining the 2nd, premium of 2 3/4 cts, 7.01 is added to the net value of the ore 7.01

A. macfarlance

7.26

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These lead ores are classed as Cerrusite, Anglisite and occasional bunches of Galena. They are very low in sulphur, in fact, clean lead smelting ore free from smelting penalties.

### MARKETING LEAD:

The lead smelter of the A. S. & R. Co. of El Paso, Texas, provides a market for such ores as may be produced from the Wedge ground.

Assuming that 15% lead ores are to be shipped to El Paso, the returns and costs are as follows:

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A. Macfarlane Field Engineer

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