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PRINTED: 01/31/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MAMMOTH SPAR

ALTERNATE NAMES:
LUCKY STRIKE

MARICOPA COUNTY MILS NUMBER: 212A

LOCATION: TOWNSHIP 6 N RANGE 4 W SECTION 7 QUARTER NW
LATITUDE: N 33DEG 52MIN 45SEC LONGITUDE: W 112DEG 43MIN 05SEC
TOPO MAP NAME: WICKENBURG - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
FLUORINE FLUORSPAR

BIBLIOGRAPHY:
ADMMR MAMMOTH SPAR FILE
ELEVATORSKI E A ADMMR FLUORSPAR REPORT
ADMMR INDUSTRIAL MINERALS REPORT P. 37
ADMMR "U" FILE

00 FEET

(WICKENBURG
3451 I SW

SCALE 1:24 00

d by the Geological Survey

ethods from aerial
hecked 1964

n American datum
coordinate system, central zone
Mercator grid ticks,

T6N, R4W,
Sec 7

WICKENBURG 7.5 QUAD

GN MN

0°56'
17 MILS

14½°
258 MILS

UTM GRID AND 1964 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

1000 0 1000 2000 3000

CONTOUR INTERVAL
DOTTED LINES REPRESENT 10
DATUM IS MEAN SEA

THIS MAP COMPLIES WITH NATIONAL M

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COL

FREEPORT

FREEPORT EXPLORATION COMPANY
A Division of Freeport Minerals Company

Valley Bank Plaza
South Virginia & Liberty
P.O. Box 1911
Reno, Nevada 89505
Phone (702) 323 2251
Telex 910 395 7008

April 4, 1984

Mr. John D. Campbell
P.O. Box 1297
Wickenburg, Arizona 85358

Dear Mr. Campbell:

The attached copies of sample summary sheets with assay values represent all the data we have collected on your claims in the Vulture Mountains. Also included are sample data from your claims at the Dragoon Mine.

Samples collected on the main mineralized zone in your decline (73-75, 97, 99, 109-121) indicate Au values of 2.21 to 5.64 ppm Au or .06 to 0.16 oz Au/ton over approximately 2 foot widths. Sample No. 113 assayed 243.0 ppm Au and represents the first-sized pocket of high-grade gold you pointed out. Indeed, the sample has an abundance of visible gold, but is not at all representative of the overall mineralization.

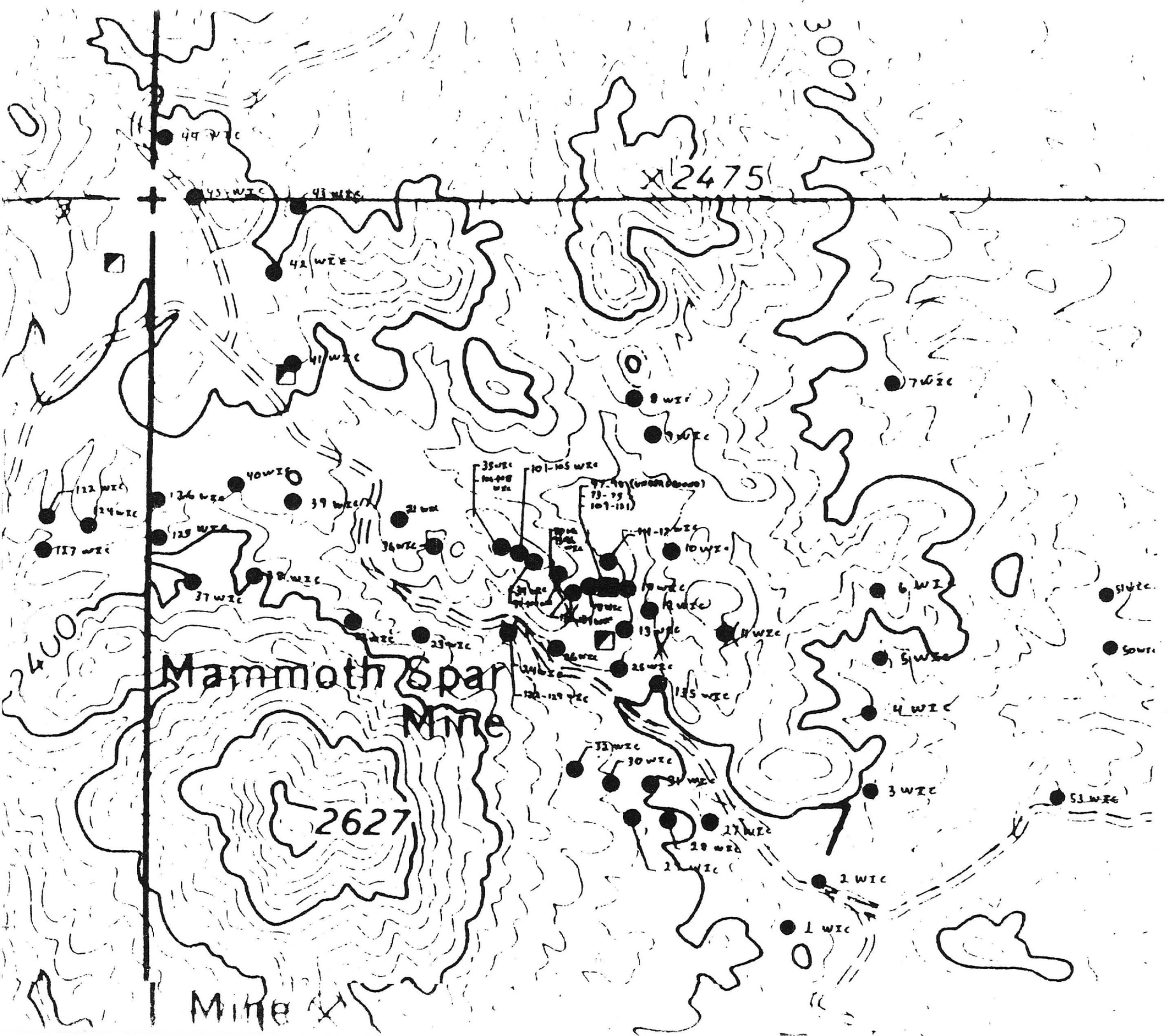
We do not intend to collect any additional data at the present time. Thank you for the opportunity to examine your property. Cy Wilsey will be contacting you regarding the land negotiations.

Sincerely,

Allan V. Moran

Allan V. Moran
Senior Geologist

AVM/dt
Enclosures



2475
Mammoth Spar Mine
2627
Mine
2400
44 WIC
43 WIC
42 WIC
41 WIC
40 WIC
39 WIC
37 WIC
122 WIC
124 WIC
127 WIC
126 WIC
125 WIC
21 WIC
36 WIC
23 WIC
35 WIC
101-105 WIC
97-98 (UNDERGROUND)
73-75
109-121
10 WIC
13 WIC
11 WIC
25 WIC
135 WIC
122-129 WIC
32 WIC
30 WIC
31 WIC
27 WIC
28 WIC
2 WIC
1 WIC
3 WIC
4 WIC
5 WIC
6 WIC
7 WIC
8 WIC
9 WIC
51 WIC
50 WIC
53 WIC

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Whitelock Corporation Spar Mill, Wickenburg Date December 19, 1973
District Black Rock(Box Canyon) Yavapai Co. Engineer R. E. LEHNER

Subject: visit to mill

Location: Sec 14, T8N R5W (about 5 miles north of Wickenburg)

Owner: Whitelock Corporation: Pres.-V. Thornburg; Superintendent-Clarence Strauss
33 E. Lexington Avenue
Phoenix, Arizona Phone: 263-0783

Property: Old mill site of Mohave Mining and Milling Co. (manganese) Ownership is not known for sure. Possible that Whitelock is leasing property.

Commodity: Fluorspar

Operations: In September 1973, the Whitelock Corporation dismantled their mill and plant at Fluorine Hill (see Field Engineer's Report 12/73 - Fluorine Hill Deposit, Cochise Co.) and moved their equipment to Wickenburg area. A visit on 12-19-73 to the old manganese mill site 5 miles north of Wickenburg, where it was reported that they were erecting the mill, revealed that no progress had been made in its assembly. However, Mr. Clarence Strauss was on the property and he told me that they were just starting to assemble the spar mill and that they hoped to have it in operation by February 1974. He said they will put in a sink-float plant to recover the spar. THe "spar" ore will be gotten from the Vulture Mtns. This source apparently was mined and jigged during WW II and later years, coming chiefly from the (1) Big Star mine (also Big Spar mine), (2) the Contac mine, (3) the Mammoth Spar mine (also called Lucky Strike mine) and (4) the Lilly Belle mine. The greatest production 100 tons of 63% CaF_2) came from the Mammoth Spar min in 1953. Mr. Strauss said that there is good deposits of spar near Wikieup, but they hav not been able to deal with Mrs. Craig and a multitude of complex ownerships. He also said that Whitelock had a pilot plant set up at Wikieup for scheelite about 1-1/2 to 2 years ago.

Mr. Strauss said that Whitelock accepted a project from the Highway Dept. to furnish ther with road ballast. So Whitelock Corp. set up a plant (conveyor, screen and crusher) to rework the manganese reject pile of the old Mohave Mining and Milling Co. However, th plant only produced two sizes and the Highway Dept. wanted four sizes of material and the deal 'fell through'.

References: Arizona Fluorspar (1971) by the Department
Arizona Bureau of Mines Bulletin 180 (1969), Mineral and Water Resources of Arizona.

Mr. J. S. Caupal
413 Home Builders Bldg.
Phoenix Arizona

Wickenburg Arizona
1/21/43

DEPT. MINERAL RESOURCES
JAN 23 43
PHOENIX

Dear Mr. Caupal.

Your favor of 1/20/43 to hand. The Fluorspar on which we have a Fed. Loan is running around 50%. Fifty per cent is rather low grade and I believe we will find it necessary to erect a plant and treat it, so it will be acceptable to the market. We are not shipping, no market yet.

On another property we have a much higher grade and are expecting daily to hear from Washington that our request for a loan has been granted, an assay on this property recently taken west CA FE_2 83% — CO CO_3 2.08 — FE .03 — Si Hy Fluoride TETRA 1.64 — This ore body crops on the surface for 1500', a shaft down 50' — ore 5' to 6' wide, assay taken from bottom of shaft.

Have asked Mr. Gohring to help us keep off the rocks, your kindly interest is likewise solicited also Mr. Willis & Mr. Nebeker's.

Our properties are located 6 and about 13 miles west of Morristown — Best wishes from

Yours Truly

Wm Daniell.

P.S. our properties are acid grade, we would be interested in the metallurgical grade also. W D

Lucky Strike

January 20, 1943

Mr. William Daniels
Box 213
Wickenburg, Arizona

Dear Mr. Daniels:

In a memorandum from A. C. Nebeker I note you are expecting to ship one car a day of fluorspar, running 60% CaF_2.

I hope you have checked on the freight and price that you will receive on this fluorspar as the grade seems rather low and you must make some allowance for your cost of mining.

If you have a price f.o.b. cars for fluorspar running 50% CaF_2 I would be very glad to know of the price and the market, that is, to whom you can sell such ore.

With best wishes and kindest regards, I am

Very truly yours,

J. S. Coupal
Director

JSC:BA

DEPT. MINERAL RESOURCES
RECEIVED
JAN 19 1943
PHOENIX, ARIZONA

MEMO. Jan 6th, 1943

TO J.S. Coupal

FROM A. C. Nebeker

LUCKY STRIKE FLOURSPAR MINE
Wickenburg, Ariz.

Box 213 Wickenburg

Mr Ike Campbell and Williams Daniels who are working the Lucky Strike property on a Government loan, are making progress at the property. They are just finishing setting the machinery which consists of a compressor, hoist, jackhammer, car and tools.

They expect to very soon to be able to ship a car of ore per day which will assay 50% CaF_2 and better, at the present time they are employing 4 men.

Question their market for this grade, etc.

SAMPLE LOG

PROSPECT WICHENBURG RECON WICHENBURG QUAD (WIC)

COUNTY MARICOPA STATE AZ

PAGE ___ OF ___

SAMPLE NUMBER	LOCATION		DESCRIPTION				PATHFINDER ELEMENTS						BASE METALS				SULFO-SALTS		PRECIOUS METALS	
	Legal	Geographic	Lithology and Mineralization				%	Mn	Ba	F	Hg		Cu	Mo	Pb	Zn	As	Sb	Au	Ag
1-WIC	SEC 7 T6N R4W	MAMMOTH SDMP MINE	AMPHIBOLITE QTZ VN TOURMALINE														7		.01	
2-WIC	"	"	AMPHIBOLITE HEMITITIC STAINING QTZ VEINS TOURMALINE														6		.01	
3-WIC	"	"	AMPHIBOLITE POSSIBLE SMALL FAULT														22		.12	2
4-WIC	"	"	AMPHIBOLITE QTZ BLEBS TOURMALINE Lt. RX FE CARBONATE														9		.02	
5-WIC	"	"	MUSCOVITE SCHIST LOW CHLORITE QTZ LENSES OXIDIZED SULFIDES														23		.01	
6-WIC	"	"	FAULT ZONE MUSCOVITE SCHIST QTZ GANGE FROM FAULT														15		2.67	
7-WIC	"	"	AMPHIBOLITE HEAVY QTZ CONTENT SMALL CALCITE IN FRACTURES														6		.03	
8-WIC	"	"	MUSCOVITE SCHIST OXIDIZED SULFIDES QTZ BLEBS MASSIVE QTZ NEAR BY														6		.01	
9-WIC	"	"	MILKY QTZ LARGE MASSIVE VEIN														1		.01	
10-WIC	"	"	HEMITIC STAINED SCHIST QTZ VN NO RX TO FE CARBONATE YET														5		101	
11-WIC	"	"	MUSCOVITE SCHIST OXIDIZED SULFIDES														4		.22	
12-WIC	NW¼ S7 T6N R4W	LOW GRADE DUMP	MUSCOVITE SCHIST LOW MUSCOVITE ZEO CHLORITE OXIDES OF PY QTZVN														10		.41	1
13-WIC	"		TAILINGS REC FROM QTZ														41		101	84
14-WIC	"	MAMMOTH SDMP MINE PROSPECT AREA	MILKY QTZ														2		107	
15-WIC	"	"	HEMITITIC MUSCOVITIC SCHIST SIL QTZ VN OXIDIZED PY														9		1.15	1
16-WIC	"	"	MUSCOVITE SCHIST HANGING WALL QTZ BLEBS														4		.18	1
17-WIC	"	"	FOOT WALL MUSCOVITE SCHIST EPIDOTE IN FRACTURES														4		.05	1
18-WIC	"	NEAR SHAFT MAIN VN	HEMITITIC SCHIST SILICIFIED HEAVY OXIDIZED PY														7		1.25	1
19-WIC	"	"	"														9		ND	1
20-WIC	"	"	"														7		1.33	1
21-WIC	"	"	"														11		48	1
22-WIC	"	"	CHLORITIC SCHIST, AMPHIBOLITE														6		.01	1
23-WIC	"	"	"														4		.01	1
24-WIC	"	"	HEMITITIC MUSCOVITE SCHIST QTZ WITH OXIDIZED PY														6		1.23	1
25-WIC	"		SHIST MILD HEMITITIC STAIN QTZ LENSES EPIDOTE FRACTURE														8		.05	1

SAMPLE LOG

PROSPECT WICKENBURG RECON WICKENBURG QUAD

COUNTY MARICOPA Co STATE ARIZONA

PAGE ___ OF ___

SAMPLE NUMBER	LOCATION		DESCRIPTION				PATHFINDER ELEMENTS							BASE METALS				SULFO-SALTS		PRECIOUS METALS	
	Legal	Geographic	Lithology and Mineralization						Ca %	Mn	Ba	F	Hg	Cu	Mo	Pb	Zn	As	Sb	Au	Ag
26-WIC	NW¼S7T6N R4W	MAMMOTH SPAR CAMPBELL CLAIMS	MUSCOVITE SCHIST HEMITITIC STAINING QTZ LENSES															4		.06	1
27	"	"	MUSCOVITE SHIST STRINGERS OF HEMITIC PY PSEUDOMORPHS															2		.01	1
28	"	"	MUSCOVITE SHIST HEMIDAMTO HEMITIC PYPSEUDOMORPHS QTZ BLEBS + VN															2		.01	1
29	7 T6N R4W	"	QTZ VEIN IN AMPHIBOLITE OXIDES OF SULFIDES (PY)															9		.01	1
30 WIC	"		HEMITITIC ZONE IN AMPHIBOLITE BLACK CALCITE QTZ VN MILD SILICIFICATION															6		.02	1
31	"	"	HEMITITIC ZONE IN AMPHIBOLITE QTZ VN ADJUVENCES SULFIDE GOOSEN															9		.10	1
32	"	"	HEMITITIC SCHIST EPIDOTE VN QTZ MAGNETIC															21		.02	1
33	"	"	MUSCOVITE SCHIST QTZ VN SILICIFICATION TOURMOLINE															3		.01	1
34	"	"	SILICIFIED MUSCOVITE SCHIST HEMITITIC STAINING QTZ VN OXIDIZED CASTES OF SULFIDES IN QTZ															7		2.28	1
35 WIC	"	"	SILICIFIED MUSCOVITE SCHIST CASTES OF SULFIDES HEMITITE															8		2.66	1
36	"	AT REINFORCE ADIT	HEMITITIC VN SMALL PORTION APPEARS FAULT RELATED QTZ VN															5		.27	1
37	"	MAMMOTH SPAR	MUSCOVITE SCHIST CONTACT BETWEEN MUSCOVITE AND CLORITIC AMPHIBOLITE															2		.07	1
38	"	"	QTZ VN AND MUSCOVITE Fe STAINING AND SILICIFICATION HANGING WALL															3		.78	4
39	"	"	DARK FINE GRAIN CLORITIC SCHIST HEAVY HEMITITIC GOOSEN OF SULFIDE QTZ VN MAGNETIC															7		.05	1
40 WIC	"	"	HEMITITIC VN CLORITIC SCHIST OXIDES OF PY UNWORK VEIN															6		.03	1
41	"	MAMMOTH SPAR SHAFT	CLORITIC MUSCOVITE SCHIST MODERATE CLORITIC HEMITITIC SATURATION QTZ BLEB															3		.02	1
42	"		SILICIFIED HEMITITIC VN IN CLORITIC SCHIST QTZ VN															3		.01	1
43	"		Fe STAINED CLORITIC SCHIST AMPHIBOLITE MUSCOVITE CONTACT LOW SANDY TEXTURE															3			1
44	"		SILICIFIED SCHIST OUTCROP IS ALMOST 98% SILICA HEMITITIC STAINING															24		.35	1
45 WIC	"		BLEACHED CLORITIC SCHIST NOT SERICITIC QTZ VN FLUX SURFACE STAINING															2		.01	1
46	"	EAST END OF PROPERTY FLOODED DECLINE	HEMITITIC STAIN VN IN MILDLY CLORITIC SCHIST QTZ BLEB OXIDIZED PY SMALL GOOSEN ZONES															8		3.31	2
47	"	"	HEMITIC VN IN SCHIST HEAVY SIL. CASTES OF SULFIDES															8		.84	1
48	"	PROSPECT WITH SHAFT	CLORITIC MUSCOVITE SCHIST APPEARS TO BE FAULTED QTZ VEINING WITH OXIDES															14		2.40	1
49			HEMITITIC STAINED CLORITIC MUSCOVITE SCHIST QTZ VN APPEARS TO BE ASHER ZONE															13		3.60	3
50 WIC	"		CLORITIC MUSCOVITE SCHIST QTZ VN OX. PY HEMITITIC STAINING															4		.12	1

SAMPLE LOG

PROSPECT WICKENBURG RECON WICKENBURG QUAD

COUNTY MARICOPA STATE AZ

PAGE ___ OF ___

SAMPLE NUMBER	LOCATION Legal	LOCATION Geographic	DESCRIPTION Lithology and Mineralization				PATHFINDER ELEMENTS B	V	Ca %	Mn	Ba	F	Hg	BASE METALS Cu	Mo	Pb	Zn	SULFO-SALTS As	Sb	PRECIOUS METALS Au	Ag
51 WIC	NE¼ SEC 7 T7N R4W	QUEEN OF SHEBA WIC CLAY	HEMITITIC ZONE IN CLORITIC MUSCOVITE SCHIST QTZ VN OXIDIZED PY															6		.37	1
52	"	"	DARK FeOx STAINED CLORITIC SCHIST MINOR QTZ VN and SC															28		.39	2
53	"	"	CLORITIC SCHIST QTZ VN SMALL FeOx ZONES FINE SILICIFIED															3		.02	1
54	NE¼ S26 T7N R4W	DRAGON MINE	CLORITIC SCHIST QTZ BLEBS BY HEAVY FeOx STAINING															5		.01	
55 WIC	NE¼ S26 T7N R4W	"	SILICIFIED LIMONITIC CLORITE NARROW ZONE GEOTISITE QTZ CRYSTAL															19		.02	
56	"	"	HEMITITIC STAINED CLORITE SCHIST OXIDIZED PYRITE CUBES QTZ STRINGERS															6		.02	
57	"	" ROADCUT	HEMITITIC FINE GRAINED SCHIST NO RX TOFF CARBONATE CALCITE FRACTURE															8		.19	
58	"	" COLLAPSED ADIT	"															14		.62	
59	"	" SHAFT	SILICIFIED CLORITE SCHIST HEAVY HEMITITE OXIDIZED PY POSSIBLE SERICITE															7		.03	
60 WIC	"	"	HEMITITE CLORITE SCHIST SMALL MUSCOVITE FLAKE FRACTURING															9		.03	
61	"	"	CLORITE SCHIST HEAVY LIMONITE OXIDIZED GOOSENS FEED LEACH															47		8.76	5
62	"	"	CLORITE SCHIST ACID LEACHED BY QTZ VEINLETS & PODS															56		.65	2
63	"	"	HEMITIC CLORITE SCHIST FRACTURING QTZ BLEBS															98		5.57	8
64	"	"	HEMITITIC QTZ FEED, GNEISSIC SITS OVER HEMITITIC SCHIST OXIDIZED VN															24		.09	2
65 WIC	"	"	HEMITIC SCHIST CLORITE PRESENT SILICIFIED DIKE															8		.06	
66	"	"	HEMITITIC SCHIST 6" WIDE QTZ VN DOG HOLE HEAVIES STAINED MATERIAL															8		.09	
67	"	"	CLORITIC SCHIST ACID LEACHED LIME COLORED HEAVY FeOx															10		.03	
68	SW¼ 23 T7N R4W	DRAGON MINE DUMP	AMPHIBOLITE & SCHIST HIGH GRADED NO QTZ OXIDIZED PY LIMONITE															22		2.40	10
69	"	DRAGON MINE DUMP	RANDOM SAMPLE EVENTHY SHUT QTZ AMPHIBOLITE															27		2.34	9
70 WIC	"	"	TAILINGS															31		2.02	11
71	"	"	SLAG FROM OUT OF OR LEACH BINS															6		.07	
72	"	"	HEMITITIC SCHIST LAY ABOVE TOURMOLITE RICH PEG SMALL DELLITE															5		.05	1
73	NW¼ S7 T6N R4W	CAMPBELL SHAFT	HEMITIC SCHIST HEAVY SILICIFICATION DARK COLOR GOOSENS QTZ VN				135	106						.002	28		.019	7		5.80	2
74	"	HANGING WALL	MUSCOVITE SCHIST TALCY LOW HEMITITE				385	125						.001	3		.010	2		.05	
75 WIC	"	FOOT WALL	MUSCOVITE SCHIST NOTAL WAXY MINOR OXIDIZED SULFIDE				110	100						.002	3		.009	3		.06	

SAMPLE LOG

PROSPECT WICHENBURG RECON WICHENBURG QUAD (WIC)

COUNTY MARICOPA STATE AZ

% PAGE ___ OF ___

SAMPLE NUMBER	LOCATION		DESCRIPTION	PATHFINDER ELEMENTS							BASE METALS				SULFO-SALTS		PRECIOUS METALS	
	Legal	Geographic	Lithology and Mineralization	B	V	Co %	Mn	Ba	F	Hg	Cu	Mo	Pb	Zn	As	Sb	Au	Ag
76-WIC	NE¼S7 T6N R4W	DUPLICATE OF 46 WIC	HEMATITIC SILICIFIED SCHIST HEAVY FRUX, QTZ VN TNG	70	159						.012	13		.089	18		6.93	3
77	"	DUPLICATE 48	SILICIFIED SCHIST HEMATITIC AVOIDING LARGE QTZ HANGINGWALL	60	75						.009	4		.013	41		.10	
78	"	DUPLICATE 49	HEMATITIC SILICIFIED SCHIST SFT CHANNEL ACROSS SHEAR, LARGE QTZ VN	55	142						.009	49		.007	42		6.15	1
79	NE¼S7 T6N R4W	LOCATION OF 7SH6 44' LONG IN	CLORITIC MUSCOVITE SCHIST FRUX OXIDIZED CALCITE IN FRACTURE												8		.06	
80-WIC	"	LOCATION 46-75 115' LONG	CLORITIC MUSCOVITE SCHIST SMALL AMOUNT OF FELDSPAR												4		.04	
81	"		OXIDIZED MUSCOVITE SCHIST VN MATERIAL GOUGE												8		4.74	
82	"	LOCATION OF 48 TO 38' LONG	MUSCOVITE SCHIST MILD HEMATITE STAIN SOME AZURITE MILD SILICIFICATION												6		.15	
83	"	UPPER QTZ VN BETWEEN SHEAR AT UPPER SCHIST	QTZ VN PORTION WITH FRUX GOUGE VUGS PYRITES OXIDIZED MICA AND CLAY												25		16.55	
84	"	MAIN SHEAR ZONE	SCHIST DARK HAND OXIDIZED SOME SILICIFICATION												7		.54	
85-WIC	"		LOW QTZ ZONING HEAVY HEMATITE GOUGE VUGS 2-6" WIDE												67		35.20	
86	"	3 FT LONG	MUSCOVITE SCHIST MINOR CLORITE SURFACE FRUX												6		.32	
87	"	FOOT WALL NEAR SAMPLE 49, 75	MUSCOVITE SCHIST MINOR SURFACE FRUX QTZ VN MILD CLORITE CONTENT												9		.19	
88	"	NEAR SAMPLE 49 "	MUSCOVITE SCHIST LARGE QTZ VN MODERATE SILICIFICATION												7		.09	
89	"	CAT CUT 7 WEST TO CONTACT MINERALIZED EAST	CLORITIC MUSCOVITE SCHIST SURFACE FRUX PUSSIBLE FLUORITE												6		.04	
90-WIC	"	CAT CUT 7	AMPHIBOLITE SANDY FRUX SATURATED MILD FERROUS CARBONATE DARK COLOR												10		.05	
91	"	CAT CUT 8 EAST END	AMPHIBOLITE MODERATE FRUX SURFACE OXIDIZED SULFIDE CONTENT												7		.46	
92	NE¼S7 T6N R4W	ON EDGE OF CAT CUT	BRECCIATED BLACK QTZ GOUGE SEEMS TO BE FAULT ZONE												4		.22	
93	NW¼S7 T6N R4W	IN PIT WITH SAMPLE 20 HANGING WALL VEIN	CLORITIC AMPHIBOLITE SMALL OXIDIZED SPOTS SOME FELSIC SPOTS QTZ STRINGERS												5		.04	
94	"	FOOT WALL IN SAMPLE 20	MUSCOVITE SCHIST MILD CLORITE CONTENT A LITTLE TALCY OXIDIZED SULFIDE FERROMAGNESIAN												4		.04	
95-WIC	"	FAULT ZONE 2FT WIDE	FAULT GOUGE QTZ BRECCIA HEAVY HEMATITE SMALL GOUGE VUGS PANNED GOLD												16		5.10	
96	"	HANGING WALL	MUSCOVITE SCHIST MODERATE FRUX SMALL QTZ VN FAIR FOLIATION												5		.16	
97	"	IN SHAFT RUNG IS ENLARGED	HANGING WALL MUSCOVITE SCHIST MINOR FERROMAGNESIAN LOW SILICIFICATION SMALL QTZ VUGS												3		.11	
98	"	"	VEIN SILICIFIED HEMATITE MUSCOVITE SCHIST SMALL VUGS WITH GOUGE PYRITES												6		4.28	
99	"	IN SHAFT RUNG 3H ON LADDER	MUSCOVITE SCHIST MINOR CLORITE SMALL QTZ VEINS MINOR FRUX ON SURFACE FRACTURE												6		.09	
100-WIC	"	IN SHAFT "	MUSCOVITE SCHIST MINOR FELSIC BANDS NO FRUX ON SURFACE LIGHT EFFLORESCENCE												4		.02	

SAMPLE LOG

PROSPECT WICKENBURG REGION WICKENBURG QUAD (WEC)

COUNTY MARICOPA STATE AZ

PAGE ___ OF ___

SAMPLE NUMBER	LOCATION		DESCRIPTION				PATHFINDER ELEMENTS						BASE METALS				SULFO-SALTS		PRECIOUS METALS	
	Legal	Geographic	Lithology and Mineralization				%	Mn	Ba	F	Hg	Cu	Mo	Pb	Zn	As	Sb	Au	Ag
101-WEC	NW¼ S7 T6N R4W	PIT BETWEEN SAMPLES 34-35 FOOTWALL	MUSCOVITE SCHIST MINOR CLORITIC CONTENT SMALL OXIDES PY MINOR SULFIDE STRINGERS													8		.07	
102	"	"	HEMETITE SILICIFIED SCHIST QTZ VN GOOSEN ZONE													145		1.02	
103	"	"	MUSCOVITE SCHIST BETWEEN TWO ZONES OF HEMETITE SCHIST 11" WIDE MINERALIZED													51		.09	
104	"	" HANGING WALL	MUSCOVITE SCHIST SMALL QTZ VEIN SMALL FELDS CONTACT													3		.03	
105 WEC	"	" HANGING WALL	QTZ VEIN 1-6 INCHES													3		.24	
106	"	SAMPLE 35 HANGINGWALL 45° CONT	MUSCOVITE SCHIST LIMON QTZ VN													3		.02	
107	"	" HANGING WALL	HEMETITIC ZONE MINOR QTZ OXIDIZED PY AT LEAST 50% QTZ													5		.21	
108	"	" HANGING WALL	MUSCOVITE SCHIST QTZ BLEBS MINOR PATCHES OF MUSCOVITE													4		.03	
109	"	" FOOTWALL	MUSCOVITE SCHIST MINOR CLORITE Fe CARBONATE MINOR FELDSPAR													3		.37	
110-WEC	"	CAMPBELLS SMART RUNS 30 ON LADDER	CLORITIC SCHIST NO MUSCOVITE MINOR SILICIFICATION MOD. Fe CARBONATE COARSE													3		.14	
111	"	" VEIN 6"	SILICIFIED HEMETITE SCHIST / MUSCOVITE QTZ LENSES / BLEBS	FEDX EARLY	UNFAVORABLE											7		5.0	
112	"	" HANGING WALL	CLORITE SCHIST MUSCOVITE MINOR FeOx SPOTTED POSSIBLE SULFIDE													13		2.21	
113	"	" FEAST CROSS CUT	HIGHGRADE POCKET VISIBLE GOLD FINELY DISSEMINATED QTZ BLEBS IN QTZ													60		24.80	
114	"	EASTERN FACE OF CROSS CUT 4FT	CLORITIC MUSCOVITE SCHIST HEAVY QTZ BLEBS MINOR MINOR Fe CARBONATE													4		2.27	
115-WEC	"	WEST STOP OF CROSS CUT ISOLATED HANGING	HEMETITE SILICIFIED MUSCOVITE SCHIST GOOSD BLANKETED QTZ VEINLETS													14		5.44	
116	"	" NORTH RIB	HEMETITE SCHIST MUSCOVITE GOOSEN QTZ BLEBS													7		2.94	
117	"	" FACE OF WEST CROSS CUT	HANGINGWALL SCHIST SOME OXIDATION SILICIFIED MINOR CALCITE + Fe CARB													6		.19	
118	"	BELOW FEAS LEVEL BELOW WEST CROSS CUT	FOOTWALL MUSCOVITE CLORITIC SCHIST LOW MUSCOVITE MINOR Fe CARBONATE MINOR TALC													9		.14	
119	"	" VERY DESTROYED VEIN	POSSIBLE SHEAR ALONG TOP OF CUT VN HEMETITIC ZONE NOW NOT AS DEFINED													9		5.69	
120-WEC	"	HANGING WALL	UNALTERED CLORITIC SCHIST MINOR MUSCOVITE MINOR Fe CARBONATE													11		.27	
121	"	10FT BELOW FEAST CROSS CUT	HEMETITIC VN PY OXIDIZED CUBIC QTZ BLEBS VN IS ENCASED IN ENTIRETY													12		5.45	
122	"	CAT CUT #1 MOST WESTERN MINING	HEMETITIC STAINED SCHIST MUSCOVITE SMALL QTZ BLEBS													5		.78	
123	"	CAT CUT #1 GOOD SHOW	HEMETITE SCHIST QTZ VN MUSCOVITE QTZ LENSES													9		.10	
124	"	CAT CUT #2	MUSCOVITE SCHIST GOLDEN COLORED SMALL OXIDIZED SPOTS HIGH MUSCOVITE													6		.06	
125-WEC	"	CAT CUT 3 SECOND CUT WEST OF SHAFT	HEMETITE SCHIST NOTABLE ALTERATION QTZ CONTAINS OXIDIZED PY													5		.64	

SAMPLE LOG

PROSPECT WICKENBURG REGON WICKENBURG QUAD (WIC)

COUNTY MARICOPA STATE AZ

PAGE ___ OF ___

SAMPLE NUMBER	LOCATION: Legal	LOCATION: Geographic	DESCRIPTION: Lithology and Mineralization	PATHFINDER ELEMENTS: Ca %	Mn	Ba	F	Hg	BASE METALS: Cu	Mo	Pb	Zn	SULFO-SALTS: As	Sb	PRECIOUS METALS: Au	Ag
OM 126-WIC	NE¼S 7 T6N R4N	CAT CUT 3	HEMITITIC STAIN SCHIST SILICIFIED GOOSEN QTZ BLEBS										7		.85	
127-WIC	"	NEAR SAMPLE LOCATION 24	FOOTWALL MUSCOVITE SCHIST HEAVY FOLLIATION MINOR SURFACE FeOx NOT AS TALCY AS HANGING WALL										4		.03	
128-WIC	"	"	BLACK VEIN IN SCHIST TOURMOLINE MINOR MUSCOVITE FLAKES QTZ VN WILD EPIDOTE FeOx ON FRACTURES										4		.45	
129-WIC	"	" HANGING WALL	MUSCOVITE SCHIST TALCY CLORITE HIGH QTZ CONTENT MILD FOLIATION										8		.04	
130-WIC	"	CAT CUT 5 NEXT TO CAMPBELLS SHAFT	MUSCOVITE SCHIST HEAVY LIMONITE SOME FELDSPAR SPOTTY GUIRNTION										4		.03	
131-WIC	"	CAT CUT 5 10 FT BELOW CAMPBELLS MAIN VN	AMPHIBOLITE CLORITIC SOME FELDSPAR QTZ CONTENT ≈ 35% POSSIBLE EPIDOTE MINOR FeOx										4		.24	
132-WIC	"	CAT CUT FIVE 5FT FROM VN	SANDY TUFF SCHIST NO MUSCOVITE FELDSPAR AMPHIBOLE (?) HEAVY QTZ ≈ 50% MINOR SURFACE FeOx MINOR GOOSEN										5		.04	
133-WIC	"	CAT CUT 5	VN ZONE HEMITITIC MUSCOVITE SCHIST SMALL QTZ LENSES AND BLEBS GOOSEN ZONES										10		224	
134-WIC	"	" 5-6 FT NORTH OF MAIN VN	MUSCOVITE SCHIST QTZ VN UPTO ¼" MILD CLORITE CONTENT SURFACE FeOx										3		.04	
135-WIC	"	CAT CUT NORTH END	MUSCOVITE SCHIST MINOR SURFACE FeOx QTZ BLEBS AND LENSES SMALL CLORITE CONTENT										6		.10	