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CONSOLIDATED ARIZONA SMELTING CO.

ASSAY CERTIFICATE

SEP 23 1921

HUMBOLDT, ARIZONA.

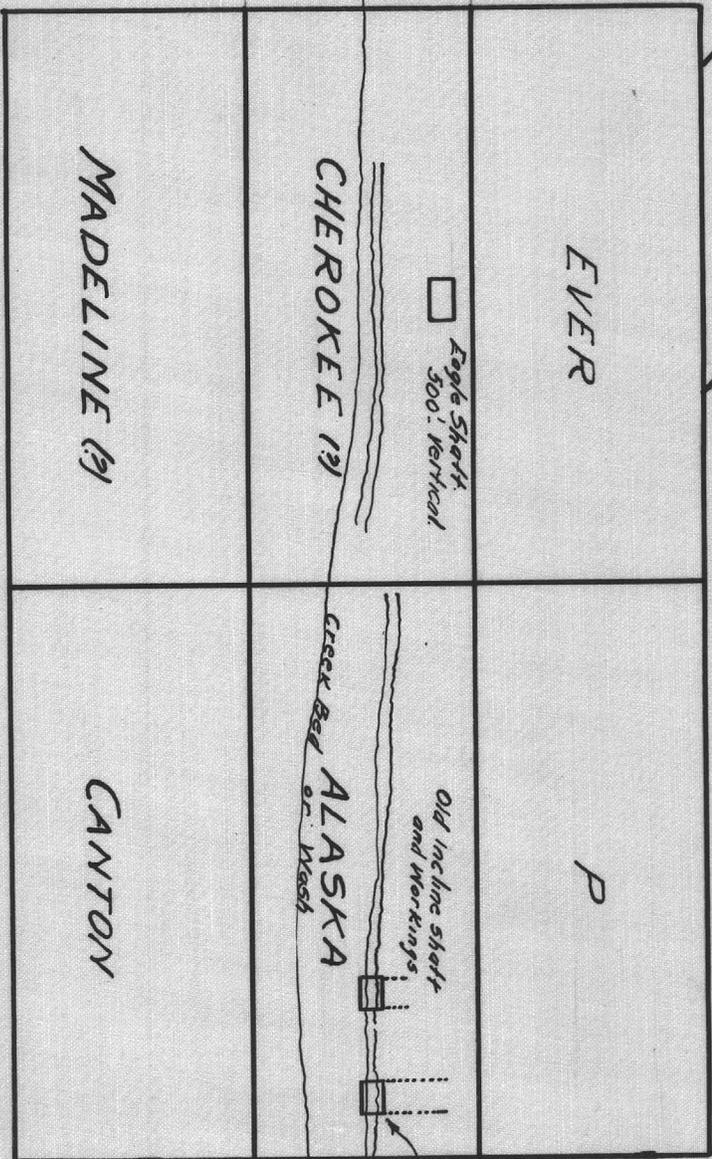
I HAVE ASSAYED THE FOLLOWING SAMPLES AND FIND THEY CONTAIN:

DESCRIPTION		ASSAY			ANALYSIS, PERCENT							
		Lot	Name	Au. Ozs.	Ag. Ozs.	Cu. %	Insol.	Fe.	CaO.	S.	Zn.	MgO.
	Eagle # 1		002	066	167							
	2		$\frac{1}{2}$	012	025							
	3		$\frac{1}{2}$	$\frac{1}{2}$	010							
	4		001	081	211							
	BB Mine Sample #1				296							
	" " #2				203							

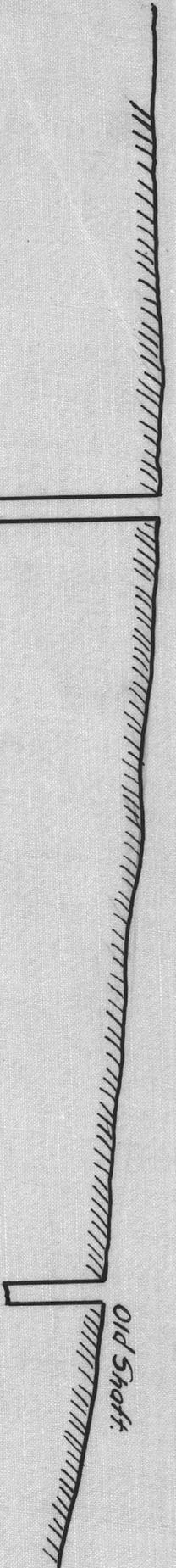
H. R. Banks

ASSAYER AND CHEMIST

COTTONWOOD



EAGLE OR MIZPAH MINING CLAIMS
Scale. 1" = 500'
Sept. 1921.



N —————>

200' Level

Low Grade. Low Grade. 400' Level Stringers of Ore

Low Grade

520' Level

Good Ore 6' Wide Low Grade on N41/3

Ore Looks Better in Bottom of Drift

EAGLE OR MIZPAH MINE

MIZPAH SHAFT

Scale - 1" = 75' Sept - 1921



PLAN - 540' LEVEL

District	Property	Location	Owners & Operators	Date Visited	Notes
Wickenburg (Cont'd.)	Dolores	13.4 mi. N. Wickenburg Adjoins Houston- Arizona	W. M. Owens. Idle	March 27 1917	Five recorded claims. Will be 12. Few location holes in iron stained porphyry. Siliceous dikes NW - SE hornblende schist and pegmatite. Geological conditions appear similar to Oro Grande. Undeveloped prospect.
	Eagle	13 mi. N. E. Wickenburg Blue Tank & Black Rock Mining Districts. Hauling to Wickenburg \$7.00 per ton.	A. W. & J. L. Zeisiger of Cleveland, owners. Has been under lease and bond to La Ex- posicion Mining Co., who failed. E. J. Hussen attached and he has obtained lease and bond from the Zeisigers for Beckwith of Miami, (Inspiration). Developing.	March 18 1917	Seven claims, unpatented. Ore body in NW - SE iron capped siliceous belt, dipping S. W. Country rock quartzite and granitic rocks. Lower crosscut tunnel 175' towards, but not reaching, main iron stained dike 20' wide whose strike is S 70 E. The tunnel cuts through iron stained soft material containing mixed oxides and sulphides. Samples across 4' from hanging wall to floor assayed:- (H59) no gold and silver; 1.86% Copper; 64% Insol. and (H60) 0.52 oz. gold; .56 oz. silver; 1.94% copper; 67.6 Insol. Ore shipped to Arizona Sampling & Reduction Company, mostly sorted from upper workings. My sample (H57) across 7½' bench, but no true foot wall, assayed:- .01 oz. Au; .51 oz. Ag; 1.62% Cu. A sample of selected carbonate and sulphide ore from mouth of 100' inaccessible shaft filled to 20' with water, assayed:- (H58) Au. .01 oz.; Ag. 4.31 oz.; Cu. 12.10%. 186 sacks from the lower workings and 5320 sacks from the upper workings, in all 218 tons, shipped to the Wickenburg Sampler, assayed .08 oz. Au; .10 oz. Ag; 3.35% Cu; 9.8% Fe; 73% Insol. Hussen much dissatisfied with sampling, weights and settlement, through White, for the Arizona Sampling & Reduction Co., had advanced \$5,000.00 and the net value was

highest

Hussen

and

M

Hussen

(copy)

copy

District	Property	Location	Owners & Operators	Date Visited	Notes
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Wickenburg (Cont'd)	Eagle (Cont'd)				
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only \$2,200.00, making a deficit unpaid of \$2,800.00 according to Mr. Hussen. Mr. Beckwith has now taken option on property for Miami people, but not necessarily the Inspiration Co., with whom he is associated. Ultimate price \$75,000.00 according to Hussen. The prospect has possibilities of developing into a profitable mine, but looks no better than some others in the immediate neighbourhood, including the adjoining Jones claims. Stevens Handbook says of the Eagle "Not favorably regarded."

L.F.S.H.

June 5,
1918

Paid a hurried visit with Holland, going only to the collar of the shaft sunk by the Inspiration Cons. Copper Co. This shaft said to have been sunk almost 400 feet with the intention of prospecting a basic dyke, heavily iron stained. They purposed going to 800 feet depth and cross cutting to the dyke but quit at less than 400 and without doing any lateral work. Rumor has it that their abandoning work (and their option) quite suddenly bore relation to a visit of Reno Sales to the property.

This particular dyke is 15 feet wide. Country rock is diorite. Dyke shows no copper stains but Holland says other similar dykes on property do and tunnels on them show a little ore while still in oxidized zone.

E. S. S.

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MIZPAH MINE

Location: 13 miles N. E. Wickenburg. Blue Tank and Black Rock Mining Districts. Hauling to Wickenburg \$7.00 per ton.

Owners & Operators: A. W. & J. L. Zeisiger of Cleveland, owners. Has been under lease and bond to La Expositcion Mining Co., who failed. E. J. Hussen attached and he has obtained lease and bond from the Zeisigers for Beckwith of Miami, (Inspiration). Developing.

Date Visited: March 18, 1917.

NOTES:

Seven claims, unpatented. Ore Body in NW - SE iron capped siliceous belt, dipping S. W. Country rock quartzite and granitic rocks. Lower crosscut tunnel 175' towards, but not reaching, main iron stained dike 20' wide whose strike is S 70 E. The tunnel cuts through iron stained soft material containing mixed oxides and sulphides. Samples across 4' from hanging wall to floor assayed:- (H59) no gold and silver; 1.86% Copper; 64% Insol. and (H60) 0.52 oz. gold; .56 oz. silver; 1.94% copper; 67.6 Insol. Ore shipped to Arizona Sampling & Reduction Company, mostly sorted from upper workings. My sample (H57) across 7½' bench, but no true foot wall, assayed:- .01 oz. Au; .51 oz. Ag; 1.62% Cu. A sample of selected carbonate and sulphide ore from mouth of 100' inaccessible shaft filled to 20' with water, assayed:- (H58) Au. .01 oz.; Ag. 4.31 oz.; Cu. 12.10%. 186 sacks from the lower workings and 5320 sacks from the upper workings, in all 218 tons, shipped to the Wickenburg Sampler, assayed .08 oz. Au; .10 oz. Ag; 3.35% Cu; 9.8% Fe; 73% Insol. Hussen much dissatisfied with sampling, weights and settlement, though White, for the Arizona Sampling & Reduction Co., had advanced \$5,000.00 and the net value was only \$2,200.00, making a deficit unpaid of \$2,800.00 according to Mr. Hussen. Mr. Beckwith has now taken option on property for Miami people, but not necessarily the Inspiration Co., with whom he is associated. Ultimate price \$75,000.00 according to Hussen. The prospect has possibilities of developing into a profitable mine, but looks no better than some others in the immediate neighbourhood, including the adjoining Jones claims. Stevens Handbook says of the Eagle "Not favorably regarded."

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E. S. S.

Mizpah

Wickenburg

NAME EAGLE OR MIZPAH MINE
LOCATION Near Wickenburg, Arizona.
DISTRICT WICKENBURG
DATE VISITED September 18th, 1921
BY G M Colvocoresses and E. S. Smith

Visited this property September 18th, 1921 with Mr. E. S. Smith and the present owner Joseph P. Rossiter, (of 323 Wisconsin Avenue, Long Beach, Calif.) and Mine Foreman (Supt.) John Gace, (Austrian miner). =

Recent developments confined to sinking Mizpah shaft near old workings and north end Alaska Claim. Shaft (see drawing) now down 540 feet with level at 200 feet, showing only traces of mineral, at 400 feet with narrow lenses of low-grade ore and at 540 feet with stringers of ore in north drift. South drift shows lenses of ore developed for length of 50 feet to the face, width 6 feet, grade (my sample No. 1, $Cu = 0.02$, $Ag = 0.66$, $Cu = 1.67\%$)

Also low grade ore for 9 feet on either side of high grade streak (my sample No. 2, $Cu = tr$, $Ag = 0.12$, $Cu = 0.25\%$)

This is ^{the} only ore or promising indication of ore in the mine and drift should be advanced to the south.

Outcrop is wide iron gossan with spar and little sulfide; walls are granite and country rock cut by numerous diabase dykes; vein dips about 55° to the West, strike N. 10° W. Shaft goes down in foot wall at dip 70° and larger cross cuts must be run at each level to vein. Good little plant and equipment, but ^{larger} hot head engines and larger hoist must be added if shaft to be sunk deeper. =

Equipment: -

One Fairbanks-Morse 75 HP Y Hot head engine driving
Ingersoll-Rand, Imperial type compressor

13 x 12

7-1/2 x 12

Fairbanks-Morse Hoist with engine; small dynamo and lighting
plant; blacksmith shop.

Rossier^t has purchased property thru Sill & Sill for
\$100,000 on terms; paid to date \$40,000 and says he
has spent over \$100,000 on development, etc.

On foot wall of vein there has been faulting
and a soft black gouge remains with spar and said to
carry silver, (my sample No. 3, $Cu = tr$, $Ag = tr$, $Cu = 0.10\%$)

In north drift there is considerable ore
showing in spots particularly along the floor of the drift
and it may be the top of an ore shoot or merely a little
pocket.

On dump at surface there are over 1000 tons
of mineralized rock, apparently low-grade and about 200
tons of ore, probably sorted, which looks very good,
(my sample No. 4 $Cu = .01$ $Ag = 0.81$, $Cu = 2.11\%$)

No work has been done on Eagle shaft since 1918.

Some distance East of the shaft there are old workings;
shaft and little drifting near the wash and in this
there appears some copper carbonate.

Mine is located 1440 feet above elevation
of Wickenburg.

Reno Sales turned down the property when
under option to the Inspiration in 1918; he figured that
the mineralization in the strong fissure had been iron,
with a little gold and silver, (spar) (lime) etc., but
with insufficient copper to make a Mine and practically

no indications of copper leaching in the outcrop or of secondary enrichment or primary sulfide below.

P. G. Spillsbury and Beckwith in the light of recent work believe that the main fissure was re-opened at a later date and filled in lenses with quartz and chalcopyrite and that no leaching has taken place since. I think they are probably right and that copper lenses will be found at irregular intervals and of irregular size, but there is no evidence that these will ever be sufficiently important to make a Mine considering also the poor location and other handicaps.

Development should be watched at intervals. = =

J. M. Colvocoresses

m
Humboldt, Ariz.
SEPT. 23rd, 1921

G. M. COLVOCORESSES.

Some subsequent development has failed to
disclose any pyrite & property seems worthless