



CONTACT INFORMATION
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Arizona Geological Survey
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inquiries@azgs.az.gov

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The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

Transcendent Mine
Lucky Rea -- Fat Chance
Mining Claims
Hassayampa Mining District
Yavapai County, Arizona

INTRODUCTION.

The land that comprises the Transcendent Mine lies entirely within the Hassayampa Mining District, an area which has experienced much productive gold and silver mining in the past. This lies in the highest slopes of the Bradshaw Mountains and occupies the northeast corner of the Bradshaw Mts. quadrangle. and borders on the northeast the Groom Creek and Walker Districts, and, on the southeast it is adjoined by the Turkey Creek District. This entire area includes many mines of considerable production, mainly in gold and silver.

PROPERTIES.

The Transcendent Mine lies some 12 road miles south of Prescott, Arizona, in section 30, Township 12½ North, Range 1 West, Gila & Salt River Base and Meridian. Six of the twelve miles is good paved highway and all roads to the property boundary are traversable by passenger car. The property is comprised of 28 unpatented mining claims in two claim groups; the Lucky Rea, a group of 10 claims and, the Fat Chance, a group totalling 18 claims. The two groups are contiguous and total approximately 550 acres of surface area.

OWNERSHIP

The property is held by two equal partners: Ike Kusisto and Mr. & Mrs. William Peterson. Both men are in their late 70's and have been involved in mine management, contract mining and prospecting most of their lives. Frost & Associates hold an agreement to sell which they finalized with the owners just this last Nov. 15, 1973.

This agreement calls for an end price of \$300,000, the first \$10,000 of which is to be paid by Frost & Assoc. or whoever options the claims. The balance is to be paid at the rate of \$600 per month or from 6% of the gross sales from minerals mined on the property. Mr. Frost has stated he intends to make the \$10,000 payment even if he can't get a company to option the property, by the due date of June 30, 1974. Frost has indicated they wish to keep three old mine dumps on the property, totaling some 20,000 tons. P & P, Associates of Salt Lake City, Utah, have offered them \$30,000 cash for these mine dumps.

GEOLOGY

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The pre-Cambrian gold veins are represented by the Ruth and Jersey Lily mines, and by several deposits in the lower part of Crooks Canyon. Probably the Blue Dick, the Mark Twain, the Buzzard, and the Dunkirk belong to the same category. Another group of mines, some of which have had a large production, center about the northern slopes of Mt. Tritle and Mt. Union. They are on gold-silver veins that are closely related and connected with the rhyolite-porphry dikes. The Senator is the best known among them. These veins are much younger than the pre-Cambrian deposits and are probably of Tertiary age. Similar to these are the long veins on the south slopes of Mt. Union extending down to Venezia. Some of these deposits indicate formation at high temperatures while others recall the nature of veins formed near the surface and carry mostly rich silver minerals.

The Transcendent deposit is of younger Tertiary Age, and the gold and silver minerals are found within a large fault structure that completely traverses the property. It strikes from south-southeast to north-northwest over a distance of more than 5,000 feet on the surface, and it ranges in width from 5 feet to 50 feet. Within the fault structure is contained a highly mineralized quartz-diorite breccia. Gold assays from 0.40 oz per ton to 1 oz per ton, and the silver assays from 10 to 20 oz per ton along with 1 to 2% copper.

The granodiorite on either side of the fault is highly altered to a distance of 50 to 100 feet indicating formation at high temperatures. Underground, in the Transcendent tunnel, are a series of quartz veins ranging in width from a few inches up to 3 and 4 feet. There are, as well, several cross-faults intersecting the main Transcendent fault. All of these veins and cross-faults are mineralized with gold, silver, and copper.

Three shafts of approximately 100 feet in depth and

one adit were completed prior to 1942. The adit was reopened in 1947 by a previous owner and a small amount of development work was done. The present owners have had the property for several years. Noranda examined the property in 1972 but turned it down.. However, it should be noted, they were searching for massive sulfide deposits similar to the nearby Jerome and Iron King properties and were not considering gold deposits at that time. This was conducted before the current hectic price jump in both gold and silver.

Exploration workings on the structure consist of two old shafts some 200 feet deep, one relatively recent adit, and several blast pits. It is difficult to determine the exact nature of the structure because the showings in the shafts and the pits are highly oxidized and altered and the tunnel is caved. The structure is a fault with an internal zone of clear quartz silicification and a strong halo of sericitization and bleaching several tens of feet wide. In part the structure has been reopened and brecciated. Where vugs remain they are lined with comb quartz. Angular fragments of altered greenstone are cemented with coarse-grained pyrite and lesser chalcopyrite. Small amounts of arsenopyrite and sphalerite are also present. Most of the silicified greenstone contains about 10% disseminated pyrite, and probably carries most of the gold values. In general, the hydrothermal alteration of this fault has produced the sulfidized vein structure. The strength of this alteration would indicate that this is a deep-going vein.

ASSAY WORK.

Frost & Assoc. have had some assay work done with the following results: A 15 foot chip sample across the secondary vein face assays 0.100 oz/ton Au; 0.80 oz/ton Ag; and, 0.17% Cu. Two samples with a total bulk weight of 20 lbs, taken from the dump in front of the adit, assay 0.243 oz/ton Au; 1.19 oz/ton Ag; and, 0.82% Cu. A small bulk sample from the Lookout Shaft dump, above the adit, assayed 0.260 oz/ton Au; 7.62 oz/ton Ag; and, 0.13% Cu.

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A combined sample of approximately 100 lbs was taken from the two shaft dumps and the adit ore dump. Ten lbs of this material was sent for assay to Inspiration Consolidated Copper smelter at Globe, Arizona. A copy of their report is attached.

POWER AND WATER.

An Arizona Public Service power line crosses the property a short distance from the Transcendent tunnel. Water for milling purposes is abundant on the property.

CONCLUSIONS.

This property appears to be definitely worth pursuing. A logical exploration program would consist of about one month's surface geological mapping in conjunction with reopening the adit and mapping and sampling it. This work would be prerequisite to locating a deep angle diamond drill hole designed to intersect the fissure vein structure at about 1,000 feet below the surface. If drilling finds the structure to carry to depth with interesting values, a full scale exploration drilling program would be in order.

Compiled by:

H. A. Higbie

March 1974

INSPIRATION CONSOLIDATED COPPER COMPANY

SMELTING DEPARTMENT

Lloyd Frost & Assoc. ASSAY CERTIFICATE

777 E. Camelback Rd. Inspiration, Arizona

Suite #107, Phoenix, Ariz.

MINE

Class Prop Cust Lot _____ Date Oct. 15 1973

Smelter Lot	Per Ton of 2000 Lbs.		Per Cent Copper	Per Cent Insoluble	Per Cent Si O ₂	Per Cent Al ₂ O ₃	Per Cent Fe	Per Cent CaO	Per Cent S	Per Cent
	Oz. Silver	Oz. Gold								
	19.50	0.960	0.52		67.4	1.1	12.0	0.4	0.1	

SM-37

[Signature]
Chief Chemist

Enclosed is the assay certificate on the ore sample you sent in.

Yours truly,

[Signature]
Joe McDonald
Smelter Superintendent

JMD/sy
Encl.

ARIZONA TESTING LABORATORIES

A DIVISION OF CLAUDE E. McLEAN & SON LABORATORIES, INC.
 817 WEST MADISON ST. PHOENIX, ARIZONA 85007 PHONE 254-6181

January 2, 1974

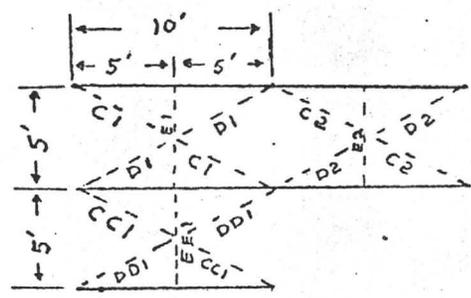
Lab No. 5836

Bridges and Holben
 777 E. Camelback Road
 Suite 107
 Phoenix, Arizona 85014

Lookout Dump Sample's Assay's
All sample's Assayed Included dirt and
Waste Rock with ore at 4 Part's waste
To 1 Part ore

Sample	Gold oz/ton	Silver oz/ton
C 1	0.03	0.70
2	0.09	1.30
3	0.10	1.65
4	0.04	0.95
5	0.04	1.25
6	0.30	0.70
7	0.05	3.60
8	0.10	3.30
9	0.04	1.90
10	0.06	2.05
11	0.04	1.40
12	0.04	1.90
CC 1	0.07	1.75
D 1	0.01	0.60
2	0.09	2.25
3	0.02	0.95
4	0.15	5.50
5	0.05	2.40
6	0.03	1.75
7	0.05	4.60
8	0.05	2.70
9	0.05	1.15
10	0.02	1.30
11	0.02	1.30
DD 1	0.02	0.50
E 1	0.10	0.90
2	0.07	2.45
3	0.10	3.05
4	0.03	1.35
5	0.02	1.05
6	0.07	2.95
7	0.07	7.10
8	0.05	4.30
9	0.02	1.45
0	0.06	1.70
11	0.03	0.60
EE 1	0.06	0.85

10 lb. Sample's



Respectfully submitted,
 ARIZONA TESTING LABORATORIES

Claude E. McLean Jr.
 Claude E. McLean Jr.

IRON KING ASSAY OFFICE
ASSAY CERTIFICATE

BOX 14 - PHONE 632-7410

HUMBOLDT, ARIZONA 86329

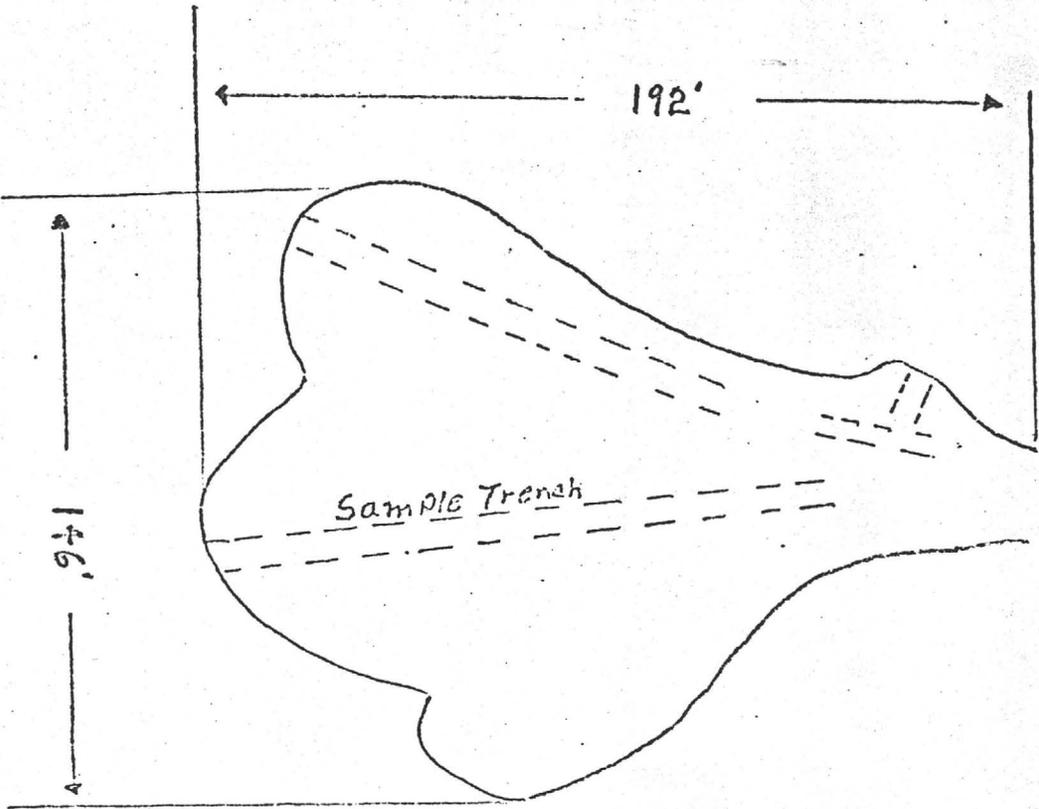
Lloyd Frost
777 E. Camelback Rd. Suite 107

Submitted for assay by: Phoenix, Ariz. 85014

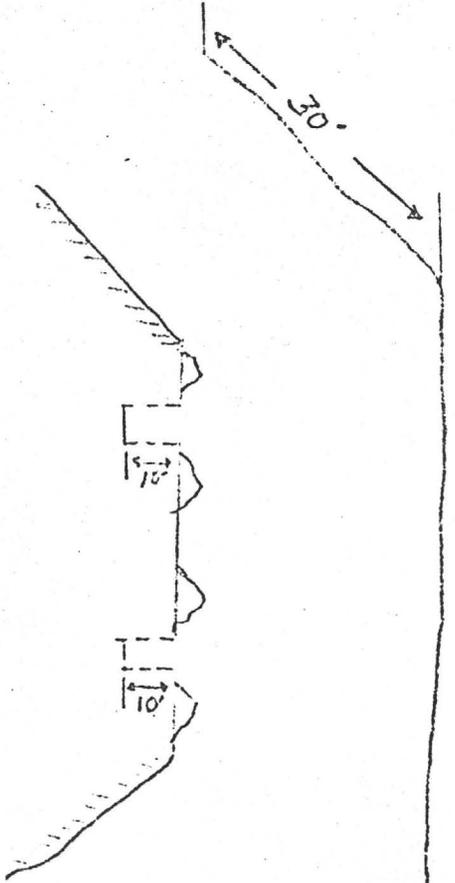
December 29, 1973

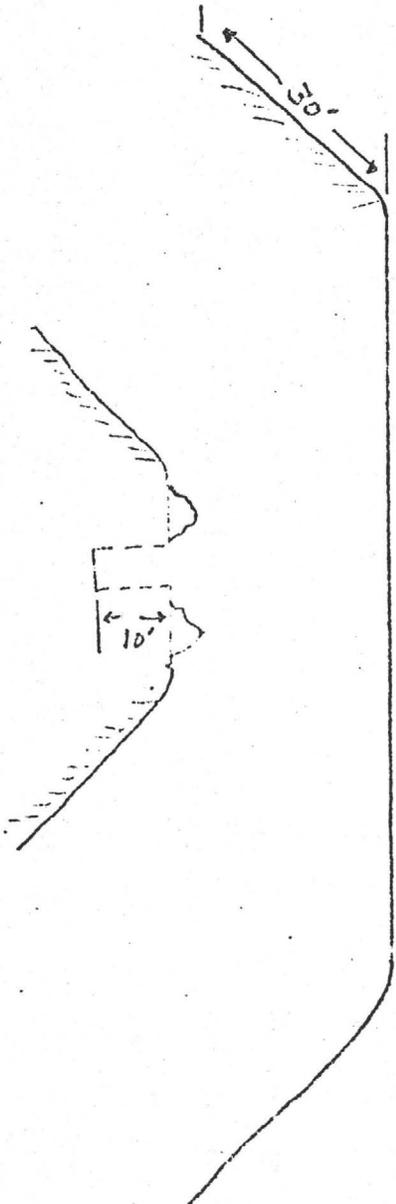
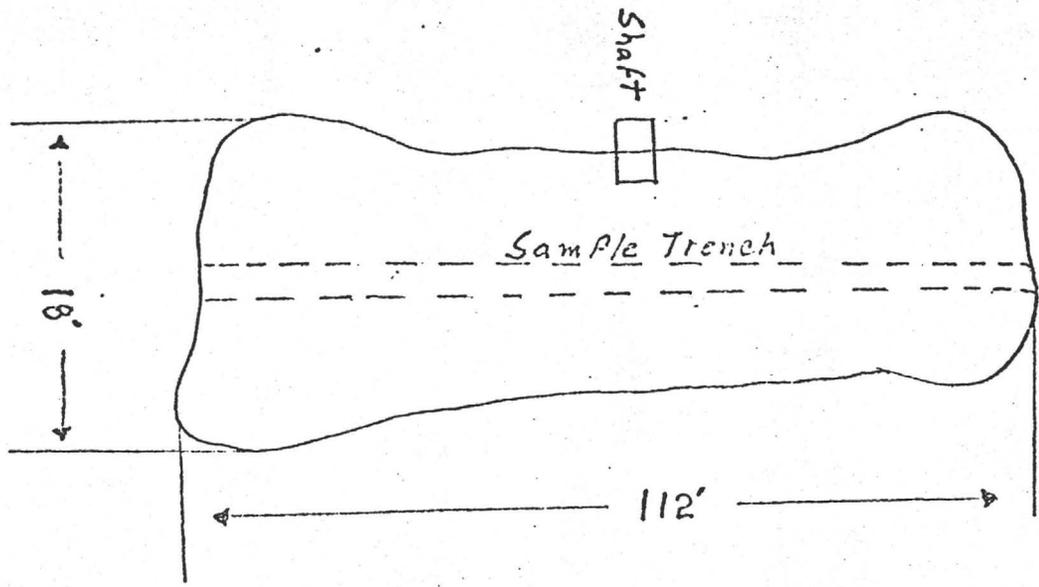
SAMPLE DESCRIPTION	Gold oz/ton	Silver oz/ton	Lead %	Zinc %	Copper %
Bagdad Callahan Dump Sample	.040	2.46	3.96	0.96	0.96
Transcendant, Lookout dump waste Rock	Tr	0.30			0.51
" " Waste Rock	.010	0.40			
" " Vein Rock	0.50 0.010	8.50			
" " Waste Rock	.080	2.36			
Silver Drift Sta. B-1 Waste Rock	.030	2.23			
" B-2 Waste Rock	.010	0.20			0.33
" B-3 Waste Rock	.090	2.49			
Transcendant Dump Sta. A-1 Waste Rock	.025	1.80			
" " A-2 Waste Rock	.025	1.50			
Nickel Prop. 400' N1 = Tr					0.24
10 lb. Samples Taken over 10' cuts					
Charges \$56.50					



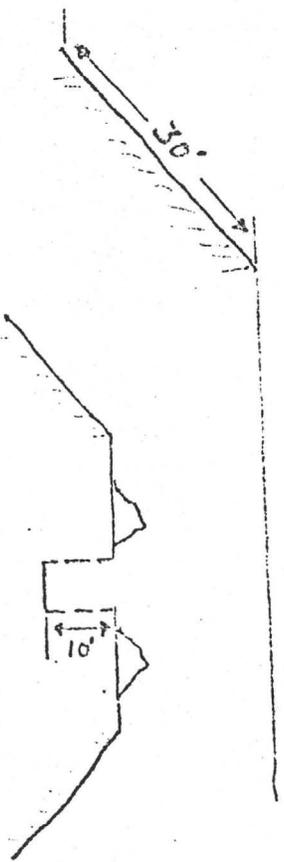
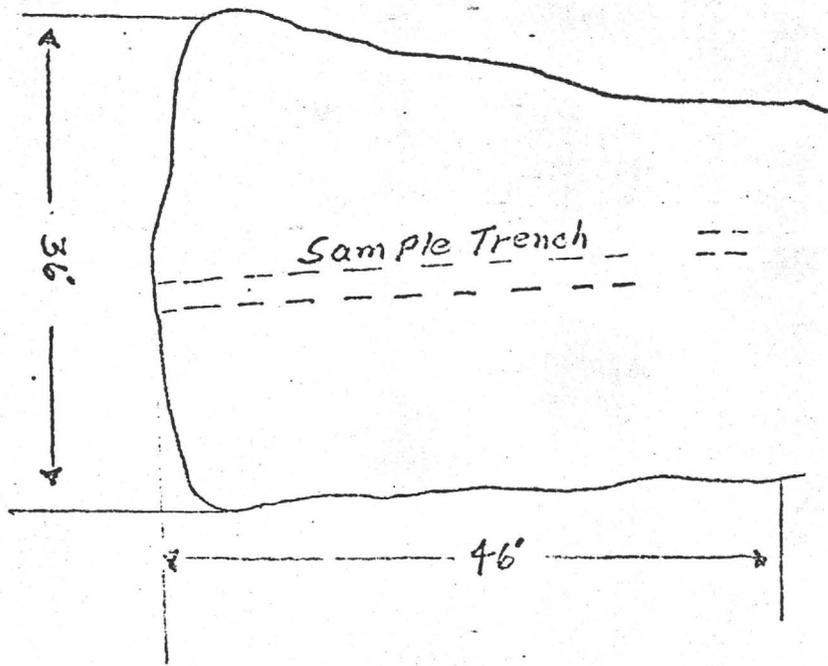


Transcendent Mine Dump
Lucky Red Mining Claims
Hassayampa Mining District Ariz.





Lookout mine Dump
Lucky Rea - Fat Chance Mining Claims
Hassayampa Mining District Ariz.

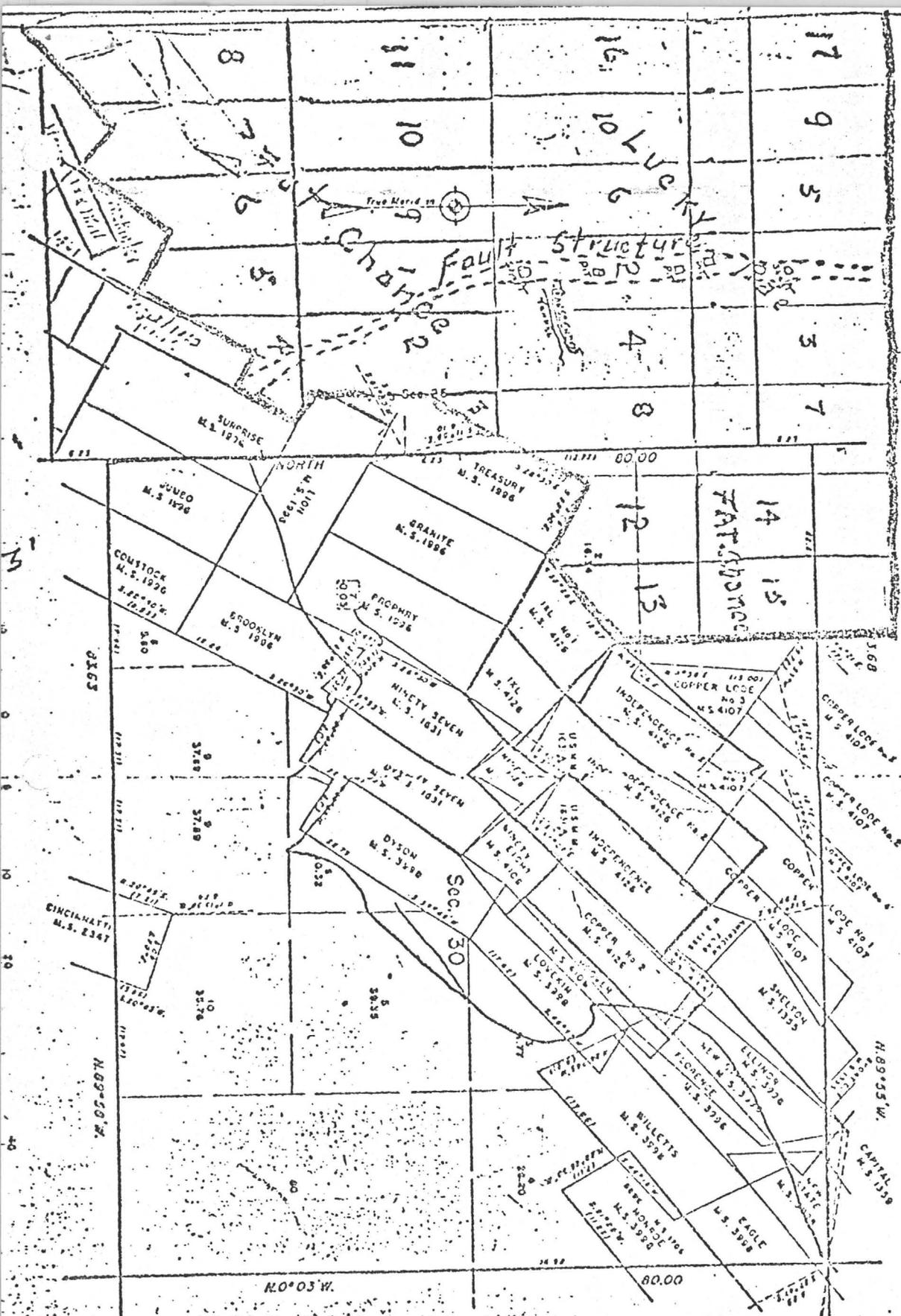


Silver Drift Mine Dump
Lucky Run - East Chance Mining Claims
Hassayampa Mining District Ariz.

TOWNSHIP 12 1/2 NORTH, RANGE 1 WEST 11 OF THE GILA AND SALT RIVER MERIDIAN, ARIZONA

MINERAL SEGREGATIONS IN SECTION 30

FORMERLY KNOWN AS THE TRANSCENDENT MINE



Reference should be made to
for survey information.

UNITED STATES DEPARTMENT OF
THE BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

This plat is strictly conforming with approved field notes, and has been corrected in accordance with the regulations of the B.L.M. by acceptance.

For the Director

To: KLB

file

~~To: F&C~~

For review and

Comment

SS

Too low grade for
a vein. type.

FFC.

Xeroxed report

10-14-74 & filed
copy. See

Arizona Gold + Silver

Sec. 30. T 12½ N, R 1 W

Gila + Salt River Base
+ Meridian

Lucky Rea - Fat Chance Mining
Claims

Hassayampa Mining Dist.

~~Law~~ Yavapai Co. AZ.

34-35⁰

112-113⁰

Transcendent Mine
Lucky Rea -- Fat Chance
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Compiled by:

H. A. Higbie

March 1974

INSPIRATION CONSOLIDATED COPPER COMPANY

SMELTING DEPARTMENT
ASSAY CERTIFICATE
Inspiration, Arizona

Lloyd Frost & Assoc.
777 E. Camelback Rd.

No. Suite #107, Phoenix, Ariz.

MINE

Class Prop Curt Lot _____ Date Oct. 15 1973

Smelter Lot	Per Ton of 2000 Lbs.		Per Cent Copper	Per Cent Insoluble	Per Cent Si O ₂	Per Cent Al ₂ O ₃	Per Cent Fe	Per Cent CaO	Per Cent S	Per Cent P
	Oz. Silver	Oz. Gold								
	<u>19.00</u>	<u>0.960</u>	<u>0.52</u>		<u>67.4</u>	<u>1.1</u>	<u>12.0</u>	<u>0.4</u>	<u>0.1</u>	

SM-37

Joe McDonald
Chief Chemist

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Yours truly,

Joe McDonald
Joe McDonald
Smelter Superintendent

JMD/sy
Encl.

ARIZONA TESTING LABORATORIES

A DIVISION OF CLAUDE E. McLEAN & SON LABORATORIES, INC.
817 WEST MADISON ST. PHOENIX, ARIZONA 85007 PHONE 254-6181

January 2, 1974

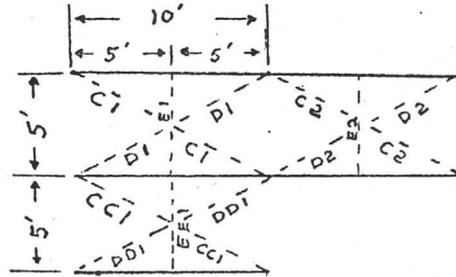
Lab No. 5836

Bridges and Holben
777 E. Camelback Road
Suite 107
Phoenix, Arizona 85014

Lookout Dump Sample's Assay's
All sample's Assayed Included dirt and
Waste Rock with ore at 4 Part's waste
To 1 Part ore

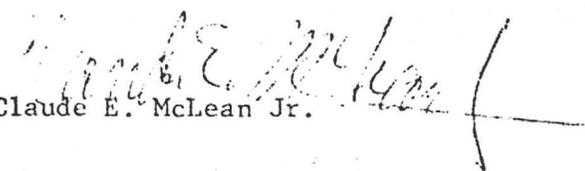
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D 1	0.01	0.60
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3	0.02	0.95
4	0.15	5.50
5	0.05	2.40
6	0.03	1.75
7	0.05	4.60
8	0.05	2.70
9	0.05	1.15
10	0.02	1.30
11	0.02	1.30
DD 1	0.02	0.50
E 1	0.10	0.90
2	0.07	2.45
3	0.10	3.05
4	0.03	1.35
5	0.02	1.05
6	0.07	2.95
7	0.07	7.10
8	0.05	4.30
9	0.02	1.45
10	0.06	1.70
11	0.03	0.60
EE 1	0.06	0.85

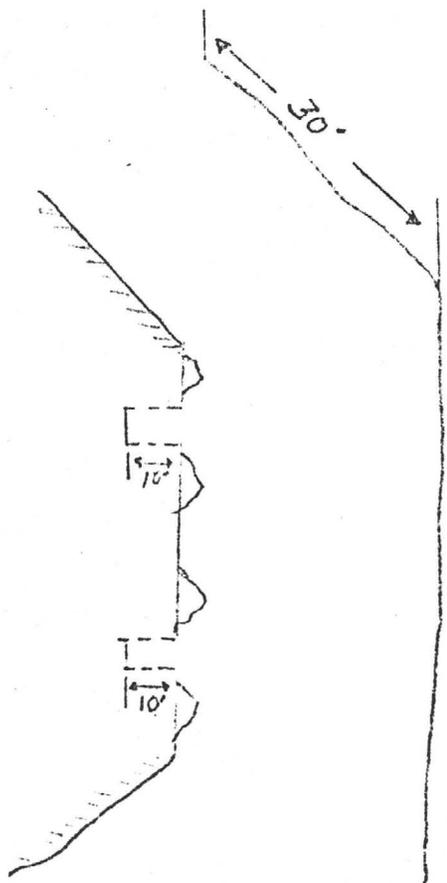
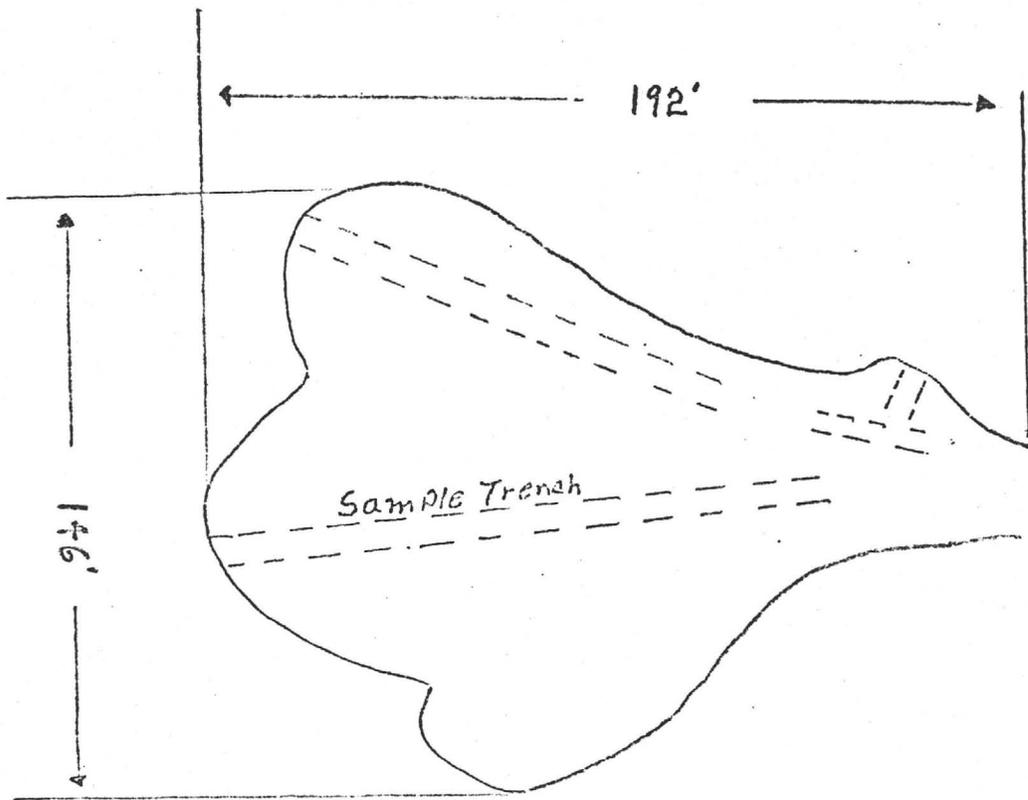
10 lb. Sample's



Respectfully submitted,

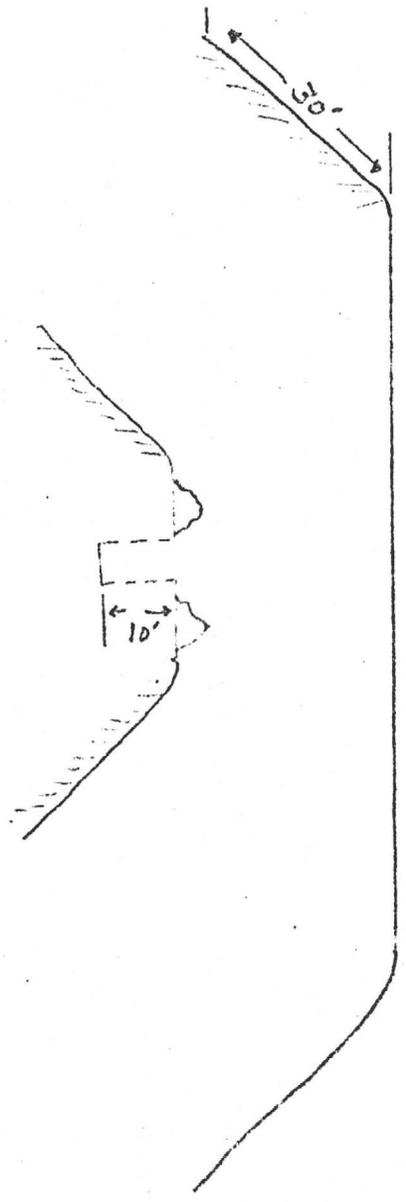
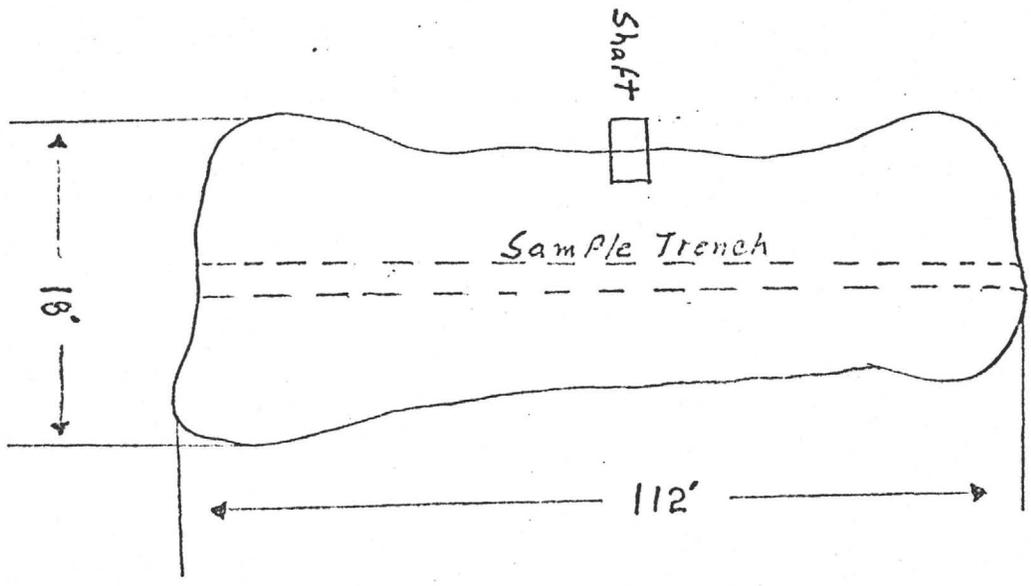
ARIZONA TESTING LABORATORIES

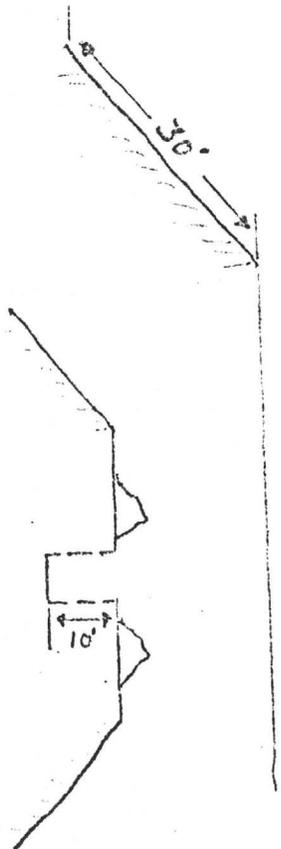
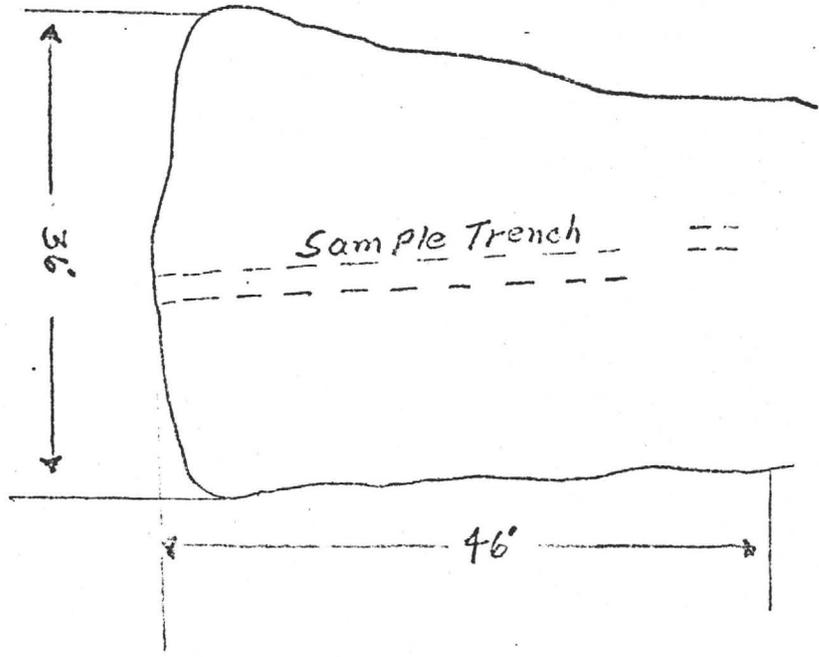

 Claude E. McLean Jr.



Transcendent Mine Dam
Lucky Rea Mining Claims
Hasayampa Mining District Ariz.

lookout mine Dupar
lucky Rea = Fat Chance Mining claims
Hassayampa Mining District Ariz.





Silver Drift Mine Dump
lucky Rea - Fat Chance mining claims
Hassayampa Mining District Ariz.

