



CONTACT INFORMATION

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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 03-04-2013

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: RALSTON GROUP

ALTERNATE NAMES:

GILA COUNTY MILS NUMBER: 134B

LOCATION: TOWNSHIP 1 N RANGE 14 E SECTION 13 QUARTER SW
LATITUDE: N 33DEG 25MIN 30SEC LONGITUDE: W 110DEG 53MIN 00SEC
TOPO MAP NAME: INSPIRATION - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
SILVER
LEAD
COPPER
ZINC
TUNGSTEN

BIBLIOGRAPHY:

ADMMR RALSTON GROUP FILE
BLM MINING DISTRICT SHEET 152

J. F. Ralston
R. 1 Box 751
Sonora, California

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

or
c/o W. E. Bohme, Box 492, Miami

Mine Ralston Group

Date May 21st, 1952

District Miami

Engineer A.L. Flagg

Subject: Inspection of group of gold claims, west of Sleeping Beauty (Miami Copper Co.)

and east of Inspiration holdings. Adjoins Inspiration on west and south. One patented claim, Gibbon, on the north, rest open ground.

Initial operations date back to probably prior to 1900.

Formations: porphyry and diabase, severely faulted and sheared. Mineralization occurs in narrow shears in both formations. Vein structure with any quartz inconspicuous or lacking.

The "Molybdenum Shaft" is in crushed diabase. Depth about 30-ft. Shear dips south. Shows minor amounts of wulfenite crystals, said to have produced gold.

The "Whim Shaft" 200-ft deep. Is in crushed porphyry, highly altered with a very small amount of quartz as stringers. Dips southwely at low angle. This area is reported to have produced considerable gold ore in 1915 and again in 1922. Stoping indicates that values were in pockets.

Across the canyon from Whim Shaft is an adit about 125-ft long with caved drift to east. The vein strikes N-S with dip to west. Ven more of a crushed zone with indeterminate boundaries. Country rock a porphyry. Large stope at end of adit indicates pockety nature of gold occurrences.

Gulch panned recently (gulch between Whim Shaft and work mentioned above) said to have yielded about 3 oz gold in 200-ft of length.

\$ 15,000 selling price

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

rust

Date

October 2, 1940

1. Mine **Ralston Mining Group**
2. Mining District & County **Globe Dist.
Gila County**
3. Former name
4. Location **17 miles from Globe**
5. Owner **J. F. Ralston**
6. Address (Owner) **J. F. Ralston
St. 1, Box 1122, Modesto, Calif.**
7. Operator
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals **Samples accompany this report**
14. Men Employed
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present
19. Operations Planned
20. Number Claims, Title, etc. **15 claims, Ralston group.**
21. Description: Topography & Geography **Map of relative description enclosed**
22. Mine Workings: Amt. & Condition

23. Geology & Mineralization

24. Ore: Positive & Probable, Ore Dumps, Tailings

24-A Vein Width, Length, Value, etc.

25. Mine, Mill Equipment & Flow Sheet

26. Road Conditions, Route **Good**

27. Water Supply

28. Brief History

29. Special Problems, Reports Filed

30. Remarks **If you desire further information write owner, J. F. Reiston, Rt. 1, Box 1122, Modesto, California or if you wish to see the property write L. W. Bohme at his address, Box 492, Miami, Arizona for an appointment to meet you at Lane's Grocery Store in lower Miami. Either L. W. Bohme, Fay or Edward Bohme will meet you there and show the property with a few days notice.**

31. If property for sale: Price, terms and address to negotiate.

32. Signed..... **J. F. Reiston**.....

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Ralston Group Date May 21st, 1952
District Miami Engineer A.L. Flagg
Subject: Inspection of group of gold claims, west of Sleeping Beauty (Miami Copper Co.)

and east of Inspiration holdings. Adjoins Inspiration on west and south. One patented claim, Gibbon, on the north, rest open ground.

Initial operations date back to probably prior to 1900.

Formations: porphyry and diabase, severely faulted and sheared. Mineralization occurs in narrow shears in both formations. Vein structure with any quartz inconspicuous or lacking.

The "Molybdenum Shaft" is in crushed diabase. Depth about 30-ft. Shear dips south. Shows minor amounts of wulfenite crystals, said to have produced gold.

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Across the canyon from Whim Shaft is an adit about 125-ft long with caved drift to east. The vein strikes N-S with dip to west. Ven more of a crushed zone with indeterminate boundaries. Country rock a porphyry. Large stope at end of adit indicates pockety nature of gold occurrences.

Gulch panned recently (gulch between Whim Shaft and work mentioned above) said to have yielded about 3 oz gold in 200-ft of length.

\$ 15,000 selling price

Exhibit "B."

Report on the
Ralston Group of Mining Claims.
Gila County, Arizona.

L. M. Louis,

Globe, Arizona.

July 18, 1917.

W. P. ...
...
...

Report on the

Ralston Group of Mining Claims.

Gila County, Arizona.

Property;-

The Ralston Group consists of the following nine unpatented mining claims. Josie, Tom Boy, California, Grand View, Gila Monster, White Horse, North Star No.1, North Star No.2 and Emma.

Location and Accessibility;-

The Ralston group of mining claims are situated on the south west side of Lost Gulch.

The workings on the property are about four thousand feet north of the main shaft of the Inspiration Copper Company (marked by a star on the New Years Gift claim on the accompanying map.) and lies between the North West Inspiration Copper Co., and the North Inspiration Copper Co. on the south and the Kasser Gold Mining Co. on the north.

The wagon road up Lost Gulch is in very good condition. The property can be connected with this road by the building of about one mile of new road. This can be built on a very easy grade and the property will then be less than four miles by wagon road from South Miami the railroad shipping point.

Geology;-

In the Globe-Miami mining district the basement rock is the Pinal schists, the ore containing rock of the Miami district, and in the Lost Gulch district this pre-Cambrian formation is overlaid by a series of monzonite, quartzite, and lime stones and in turn are separated by intrusions of more or less horizontal masses or sheets of greenish-gray igneous rocks (Mesozoic diabase.) It is in these rocks that the known ore bodies of the Globe district, six miles south-east, are found.

Across the western end of the property the diabase intrudes to the surface in a dike twenty to fifty feet wide.

The property has been very favorably fractured and inferentially mineralized while beneath the surface is a great thickness of rocks friendly to mineralization.

Development;-

The development work done to date on the property consists of one incline shaft 70 feet deep and one incline shaft 50 feet deep and several tunnels, open cuts and shallow pits. This work was done by the claim owners and their leasers in taking out a small amount of gold ore.

Smelter returns on only three cars are available and copies of these are attached to this report. Also assay and analysis of sample sent to Chicago.

These three cars show an average value of \$38.17 per ton of ore. There is also sacked at the mine about ten tons of ore of this grade. Of course this ore was hand picked but there is exposed in the workings a considerable quantity of lower grade ore that would pay to mill.

An abundance of water to operate mill and for camp purposes can be obtained in the gulch near by.

Mineralization;-

The veins on the property are fissure veins and may be either quartz, quartzite or a bleached diabase. There are several veins showing on the surface but on only two of these has any work been done. These two veins cross each other on the property. One trends north and south and the other north of northwest and south of southeast. The north and south vein extends across the entire group and into the Kasser Gold Mining Company's property and is undoubtedly the same vein from which they extracted over two hundred thousand dollars in gold ore which they milled on their property. Both of these veins carry gold, silver and lead and in the bottom of both shafts the copper mineral chrysocolla.

Conclusions;-

From the surface expression of mineralization it may be expected

THE OLD DOMINION COPPER MINING & SMELTING COMPANY

GLOBE, ARIZONA, Feb. 7, 1912

BOUGHT OF A. McAlpine,
 ADDRESS Globe, Arizona.

NEW YORK QUOTATIONS:
 Avg. E. & M. Journal
 Date _____ 191____
 Silver _____ per oz.
 Copper _____ per lb.

RATE AUTHORITY:

NUMBERS:

DATE SAMPLED 2/2/12

Invoice No. 6957
 Smelter Lot No. 89
 Shipper's Lot No. 1

Int.	CAR No.	WEIGHT		
		Wet	Moist	Dry
MP	32535	37 800	1%	37 422

PAYMENTS

Gold	2.3	Ozs.	@ \$	19.00
Silver		Ozs.	% @	Cts.
Copper		%	lbs. @	Cts.
Fe		%	@	Cts.
CaO		%	@	Cts.

VALUES	
Per Ton	Total
43 70	
43 70	
5 00	
5 00	38 70
	724 12
	7 50
	716 62

Total Payments

DEDUCTIONS:

Treatment

Insoluble	%	@	Cts.
Silica	%	@	Cts.
Alumina	%	@	Cts.
Sulphur	%	@	Cts.
Zinc	%	@	Cts.

Bricking Concentrates and fine Ore

Total Deductions

Price per ton

ASSAY

Gold	Silver	Wet Copper
2.3	.08	

ANALYSIS

Ins.	SiO ₂	Fe	Mn	CaO	Al ₂ O ₃	S	Zn
	78.	5.5		6.6			

Gross Product 11 Tons @ \$ 38.70
 Less Freight Warrior Siding (Capacity Car Charged)
 Less Switching
 Less Sampling

Balance Due

Correct:

Checked:

Approved:

JCO

VMF

GHD

Inv. Clerk.

Superintendent.

THE OLD DOMINION COPPER MINING & SMELTING COMPANY

GLOBE, ARIZONA, August 5, 1912 191

BOUGHT OF Ralph D. Lane, Lessee (McAlpine & Ralston)

ADDRESS Globe, Arizona.

NEW YORK QUOTATIONS: RATE AUTHORITY: NUMBERS:
 Avg. E. & M. Journal
 Date 191 Invoice No. 7344
 Silver per oz. Smelter Lot No. 425
 Copper per lb. Shipper's Lot No. 1
DATE SAMPLED 7/30/12

CAR		WEIGHT			VALUES	
Int.	No.	Wet	Moist	Dry	Per Ton	Total
Wagons		29 650	7%	27 574		
PAYMENTS: Gold 1.43 Ozs. @ \$19.00 Silver 1.15 Ozs. 95 % @ 60 Cts. Copper % lbs. @ Cts. Fe % @ Cts. CaO % @ Cts.					27	17
Total Payments					27	83
DEDUCTIONS: Treatment Insoluble % @ Cts. Silica % @ Cts. Alumina % @ Cts. Sulphur % @ Cts. Zinc % @ Cts.					5	00
Total Deductions					5	00
Price per ton						22 83
						314 76

ASSAY		ANALYSES	
Gold	Silver	Wet Copper	
1.43	1.15		
		ANALYSES	
Ins.	SiO ₂	Fe	Mn
71.1	4.1		
		CaO	Al ₂ O ₃
		10.1	
		S	Zn

Gross Proceeds	13.787	Tons @ \$ 22.83
Less Freight from		
Less Switching		
Less Sampling		
Balance Due		

COPY

Correct: JCO Checked: VMF Approved: GK
 Inv. Clerk. Asst. Superintendent.

ROBERT W. HUNT & Co. ENGINEERS.

BUREAU OF INSPECTION, TESTS AND CONSULTATION

GENERAL OFFICES "2200 INSURANCE EXCHANGE" CHICAGO.
TELEPHONE "WABASH 872"

ROBERT W. HUNT
JNO. J. CONE
JAS. C. HALLSTED
D. W. McNAUGHER

NEW YORK
90 WEST ST.
PITTSBURGH
MONON. BANK BLDG.
ST. LOUIS
SYNDICATE TRUST BLDG.
SAN FRANCISCO
251 KEARNY ST.
MONTREAL
905 MCGILL BLDG.

CHICAGO

TO INSURE PROMPT ATTENTION, ALL COMMUNICATIONS SHOULD BE ADDRESSED TO THE FIRM

IN REPLY PLEASE REFER TO

FILE NO.

17826-1 B 5364
Analysis and Assay of ore
JHC

Mr. W. L. Scantag,
Congress Hotel,
Chicago, Ill.

Dear Sir:-

Below we hand you, under Laboratory No. A-5713, results of assay and analysis of a sample of ore from the Ralston claim, submitted to us with your letter of April 17th.

Ounces gold per ton of ore	5.09
Gold value " " " "	\$105.20
Ounces silver " " " "	8.40
Silver value " " " " @ 75¢	\$ 6.13
Lead	19.90%
Copper	.60%
Zinc	.30%
Tungsten	1.40%

Respectfully submitted,

Robert W. Hunt & Co.
JHC

JHC/JE

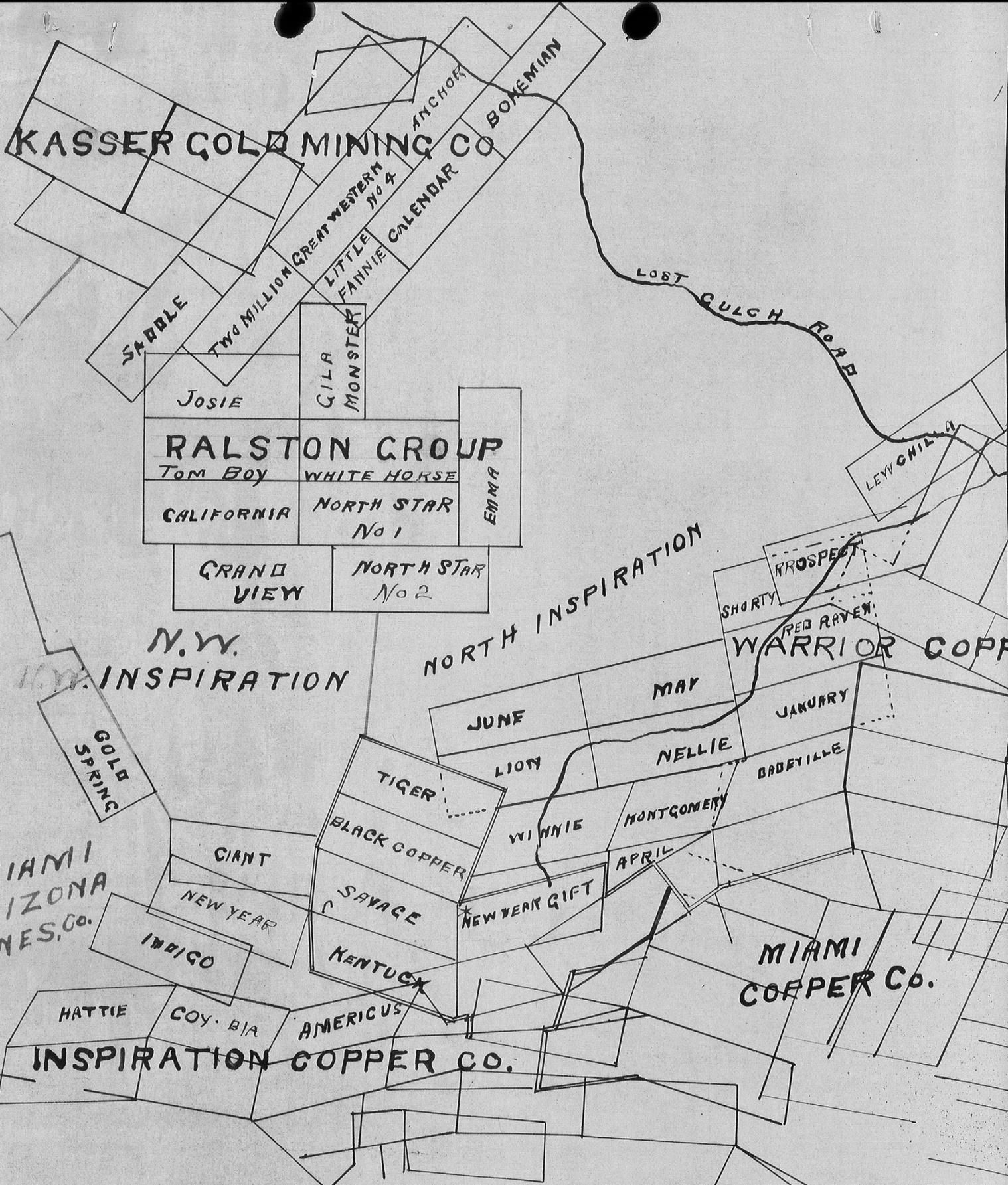
5-16-71

Norman WINTHROP

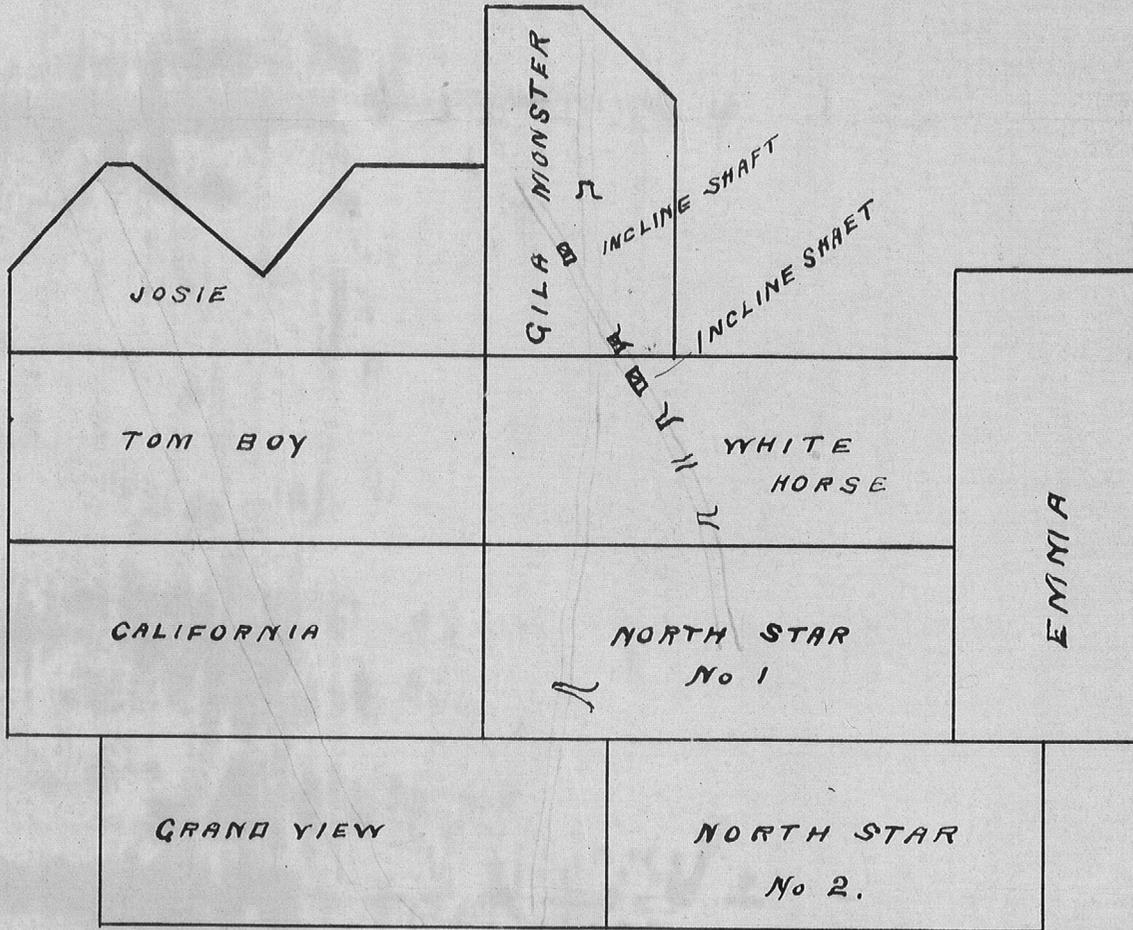
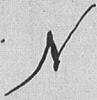
stated he was
going to take over

This property on
A NOTE DEFAULT

PRESENTLY BELONGS
TO AN estate



RALSSTON GROUP AND ADJOINING
 PROPERTIES
 GILA COUNTY, ARIZONA.



RALSTON GROUP.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Ralston Group Date May 21st, 1952
District Miami Engineer A.L. Flagg
Subject: Inspection of group of gold claims, west of Sleeping Beauty (Miami Copper Co.)

and east of Inspiration holdings. Adjoins Inspiration on west and south. One patented claim, Gibbon, on the north, rest open ground.

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Gulch panned recently (gulch between Whim Shaft and work mentioned above) said to have yielded about 3 oz gold in 200-ft of length.

15,000 selling price

THE OLD DOMINION COPPER MINING & SMELTING COMPANY

SM 12-10 HB-37387

GLOBE, ARIZONA, Feb. 7, 1912

BOUGHT OF A. McAlpine,
ADDRESS Globe, Arizona.

NEW YORK QUOTATIONS: Avg. E. & M. Journal Date _____ 191____ Silver _____ per oz. Copper _____ per lb.	RATE AUTHORITY: DATE SAMPLED <u>2/2/12</u>	NUMBERS: Invoice No. <u>6957</u> Smelter Lot No. <u>89</u> Shipper's Lot No. <u>1</u>
--	---	--

CAR		WEIGHT			VALUES	
Int.	No.	Wet	Moist	Dry	Per Ton	Total
MP	32535	37 800	1%	37 422		
					PAYMENTS:	
					Gold 2.3 Ozs.	@ \$ 19.00 43 70
					Silver _____ Ozs.	% @ _____ Cts.
					Copper _____ %	lbs. @ _____ Cts.
					Fe _____ %	@ _____ Cts.
					CaO _____ %	@ _____ Cts.
					Total Payments	43 70
					DEDUCTIONS:	
					Treatment _____	5 00
					Insoluble _____ %	@ _____ Cts.
					Silica _____ %	@ _____ Cts.
					Alumina _____ %	@ _____ Cts.
					Sulphur _____ %	@ _____ Cts.
					Zinc _____ %	@ _____ Cts.
					Bricking Concentrates and fine Ore	
					Total Deductions	5 00
					Price per ton	38 70
						724 12
						7 50
						716 62

COPY

ASSAY

Gold	Silver	Wet Copper
2.3	.08	

ANALYSIS

Ins.	SiO ₂	Fe	Mn	CaO	Al ₂ O ₃	S	Zn
	78.	5.5		6.6			

Gross Product 1,711 Tons @ \$ 38.70
 Less Freight Warrior Siding (Capacity Car Charged)
 Less Switching _____
 Less Sampling _____

Balance Due

Correct: <u>JCO</u> Inv. Clerk.	Checked: <u>VMF</u>	Approved: <u>GHD</u> Superintendent.
------------------------------------	---------------------	---

THE OLD DOMINION COPPER MINING & SMELTING COMPANY

GLOBE, ARIZONA, August 5, 1912 191

BOUGHT OF Ralph D. Lane, Lessee (McAlpine & Ralston)

ADDRESS Globe, Arizona.

NEW YORK QUOTATIONS:

Avg. E. & M. Journal

Date 191

Silver per oz.

Copper per lb.

RATE AUTHORITY:

DATE SAMPLED 7/30/12

NUMBERS:

Invoice No. 7344

Smelter Lot No. 425

Shipper's Lot No. 1

CAR		WEIGHT			VALUES	
Tnt.	No.	Wet	Moist	Dry	Per Ton	Total
Wagons	29	650	7%	27 574		
PAYMENTS: Gold 1.43 Ozs. @ \$19.00 Silver 1.15 Ozs. 95 % @ 60 Cts. Copper % lbs. @ Cts. Fe % @ Cts. CaO % @ Cts.					27	17
DEDUCTIONS: Treatment Insoluble % @ Cts. Silica % @ Cts. Alumina % @ Cts. Sulphur % @ Cts. Zinc % @ Cts.					5	00
ANALYSIS Gold 1.43 Silver 1.15 Wet Copper ANALYSIS Ins. SiO ₂ Fe Mn CaO Al ₂ O ₃ S Zn 71.1 4.1 10.1						
Bricking Concentrates and fine Ore						
Total Payments					27	83
Total Deductions					5	00
Price per ton						22 83
Gross Proceeds 13.787 Tons @ \$ 22.83						314 76
Less Freight from Less Switching Less Sampling						
Balance Due						314 76

COPY

Correct:

JCO

Inv. Clerk

Checked:

VMF

Approved:

GK

Asst Superintendent.

THE CONSOLIDATED KANSAS CITY SMELTING & REFINING CO.

EL PASO SMELTING WORKS BRANCH

El Paso, Texas, *Jan 16* 190*9*

Bought of *A. M. Alpine*

Address *Georgetown*

NEW YORK QUOTATIONS: *116.*

SILVER *53.98* C. PER OZ.

COPPER *120* C. PER LB

LEAD \$ *359* PER CWT.

LONDON QUOTATIONS:

LEAD £ S D

EXCHANGE, N. Y.

EXCHANGE, MEX.

SETTLEMENT No. *3160.*

SHIPPER'S LOT No.

359 Sacks.

CAR					WEIGHT	CLASSIFICATION	VALUES		
NO.	INIT.	WET	H ₂ O	DRY			PER TON	TOTAL	
<i>66008</i>	<i>18</i>	<i>59385.1</i>		<i>38992</i>		<i>1950</i>			
PAYMENTS GOLD <i>204</i> OZS. @ <i>1450</i> SILVER <i>10</i> OZS. @ <i>95%</i> @ <i>53.98</i> CTS. LEAD <i>50</i> % <i>100</i> lb @ <i>027</i> CTS. COPPER % lb @ CTS. FE % @ CTS. MN % @ CTS. CaO % @ CTS.							<i>3998.</i>		
TOTAL PAYMENTS									<i>4298.</i>
DEDUCTIONS									
FROTHING AND TREATMENT							<i>1000.</i>		
TOTAL DEDUCTIONS									<i>1000</i>
PRICE PER TON									<i>3298.</i>
GROSS PROCEEDS									<i>64298.</i>
LESS FREIGHT FROM									
LESS EXCESS FREIGHT A-C									
LESS MEXICAN FEDERAL DUTIES									
LESS SAMPLING									

ASSAYS

Au. *204* Ag. *10* Pb. *50*

ANALYSIS

SiO₂ *80.52* Fe *10* Mn *5* CaO *5* Zn *5* S *5* As *5* Sb *5* Bi *5*

BRICKING

INSOLUBLE % @ CTS.

ZINC % @ CTS.

SULPHUR % @ CTS.

As. Sb. Bi. % @ CTS.

GROSS PROCEEDS

LESS FREIGHT FROM

LESS EXCESS FREIGHT A-C

LESS MEXICAN FEDERAL DUTIES

LESS SAMPLING

BALANCE DUE

MADE BY

CHECKED

CORRECT

APPROVED

INV. CLERK

CHECK CLERK

SETTLEMENT CLERK

MANAGER

62133.
64298. *64298.*
1965. *200.*

19 496.
@ 350
Tons @ \$ 32 98.
Per Ton 69 65
Prepaid 50 00
Shorting

ROBERT W. HUNT AND Co. ENGINEERS.

BUREAU OF INSPECTION, TESTS AND CONSULTATION

GENERAL OFFICES "2200 INSURANCE EXCHANGE" CHICAGO.
TELEPHONE "WABASH 872"ROBERT W. HUNT
JNO. J. CONE
JAS. C. HALLSTED
D.W. McNAUGHERNEW YORK
90 WEST ST.
PITTSBURGH
MONON. BANK BLDG.
ST. LOUIS
SYNDICATE TRUST BLDG.
SAN FRANCISCO
251 KEARNY ST.
MONTREAL
905 MCGILL BLDG.

CHICAGO

TO INSURE PROMPT ATTENTION, ALL COMMUNICATIONS SHOULD BE ADDRESSED TO THE FIRM

April 28, 1917.

IN REPLY PLEASE REFER TO

FILE No. _____

17226-1 B 5364
Analysis and assay of ore
JHCMr. W. L. Sonntag,
Congress Hotel,
Chicago, Ill.

Dear Sir:-

Below we hand you, under Laboratory No. A-5713, results of assay and analysis of a sample of ore from the Ralston claim, submitted to us with your letter of April 17th.

Ounces gold per ton of ore	5.09
Gold value " " " "	\$105.20
Ounces silver " " " "	8.40
Silver value " " " " @ 75¢	\$ 8.13
Lead	19.90%
Copper	.60%
Zinc	.30%
Tungsten	1.40%

Respectfully submitted,

Robert W. Hunt & Co.
INC

JHC/JE