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PRINTED: 11/08/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: KING COPPER GROUP

ALTERNATE NAMES:

HARRY HAWSER PROPERTY

GILA COUNTY MILS NUMBER: 90

LOCATION: TOWNSHIP 1 S RANGE 14 E SECTION 24 QUARTER SW

LATITUDE: N 33DEG 19MIN 40SEC LONGITUDE: W 110DEG 53MIN 30SEC

TOPO MAP NAME: PINAL RANCH - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER

BIBLIOGRAPHY:

ADMMR KING COPPER GROUP FILE

Aug 28 1943

KING COPPER GROUP
Of 10 Unpatented Claims
Globe - Miami.

A. Macfarlane

Report after Investigation

The "King Copper Group" of ten unpatented claims is located in the Globe-Miami District about thirteen miles Southerly from the City of Miami on the North-easterly slope of the Pinal Mountains.

OWNERSHIP: Mr. Frank E. Carrow and Mr. M. P. Carrow of Globe, Arizona, by location of the claims and quiet claim given by previous owner. This group was known formerly as Harry Hawser Mine. *Transfer of 1/4 interest made in favor of John G. Russell of Globe, Arizona.*

ROADS: Connecting the mine to rail head at Miami and the bins of the International Smelter, seven miles paved Highway No. 70 to opposite Castle Dome Junction, thence Southeasterly five to six miles over county highway to Dr. Little's ranch, thence one mile over stub road to King Mine. This last mile should be repaired before starting to truck the ores.

MINE WORKINGS: Consists principally of a main tunnel about 450 feet from portal, thence Northwesterly to heading. At a point about 150 feet Northwest of tunnel portal a series of copper stringers were opened and drifted on for nearly 200 lineal feet along their Northwesterly course and this mineralization widened to over 20 feet by a brecciating of the vein gangue and its impregnation by copper bearing solutions and attendant deposition along the fractured course.

A main hanging wall pay streak varying from six inches to one foot wide, is persistent in its course and an important copper feeder for a mineralized body of about 160 feet in length along the Northwesterly course of said mineralization.

In this brecciated and mineralized area, two winzes were sunk, stated to depth of over fifty feet each below tunnel floor, the ore stringers seem to be stronger and more pronounced along the tunnel floor than ceiling and again some shallow stoping along tunnel floor is evident.

In short distance after cutting the above hanging wall lead other stringers with a North 21 degrees West course made up a distinct F. W. mineralization fully twenty feet North of the hanging wall, thus making the entire mineralized mass to have a width of more than twenty feet, the footwall yet not fully determined. A total of about 600 lineal feet of development has been made in this main tunnel and this footage has opened a body of copper 160 feet long by 20 feet wide to yet unknown depth and apparently this mineralization will carry an average copper content of 1.2% to 1.8% per ton.

MINERALIZATION: Of the King Claims is conformable to this entire area of Miami. The copper deposition found in a gangue of Pinal Schist often in contact with Quartzite, Diabase and Dacite flows.

Immediately south of King workings a body of surface Gossanized Quartzite is prominent, this in turn is ended against a monzonitic and Dacite mass covering most of the King ground.

KING COPPER GROUP
 Of 10 Unpatented Claims
 Globe - Miami

Report after Investigation
 Page two - Mineralization Continued

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In the seams are depositions of black Oxides and secondary glance, these occurrences enriching the gangue in close proximity to the veinlets.

This brecciation within certain zones of the King tunnel may have formed commercial sized ore bodies of 3% to 4.5% Cu., depending entirely on degree of brecciation, plus the presence of a definite pay streak with a general vein course along which the ores are laid down.

SAMPLING; Of the principal elements forming the apparent ore shoots and the assays thereof gives the following:

Sample No. 1. At a point where hanging wall pay streak is well defined one foot in tunnel back	Assays 9.64% cu.
Composite of six samples, no gold or silver	4.78
Sample No. 2. F.W.Stope general sample 4 feet wide	1.01
Sample No. 3, F.W.Stope, heading Northwest, 3 feet wide	3.18
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 1 foot of 9% cu. per 1 foot equals 180 pounds cu.
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The attached smelter analysis sheet stated to be of a carlot of ore sold and mined from the area above the winzes shows 8.29% cu. No doubt this material was obtained largely from the fracture mineralization or enriched veinlets and lenses.

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Report after Investigation
Page three - Available Copper Ores, Continued.

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The total mineralized area now as exposed by tunnel and the two winzes represents a body 160 feet along the strike of the fractures by twenty feet in width and assuming a depth of 100 feet gives a block of 320,000 cubic feet or about 21,333 tons of potential copper bearing material.

It is quite reasonable to assume this intensely fractured area will extend to depth and that the copper content may increase.

In the event the ore deposition as opened along the fifty foot level of Winze 2 is of fair copper content, then the short tunnel now sixty feet to heading and about 200 feet lower than the main tunnel should be advanced to explore the above potential copper body.

Daily output after the installation of a two drill compressor plant, should be about ten tons daily, this initial output should be attained within sixty days after beginning the plan of operation, as set forth.

During the past four months work of rehabilitating this mine has proceeded and the property has now installed a compressor, air fan, air & water lines for drilling, trackage from portal & tunnel dump to main counter shaft. Head frame above the counter shaft skids, ladders, small mine tools etc.

For accommodation of labor, 2 small houses and two trailer houses have been built & installed. It is now proposed to drift on the 55' level below the tunnel to block out & mine the ore of this area.

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A. Macfarlane

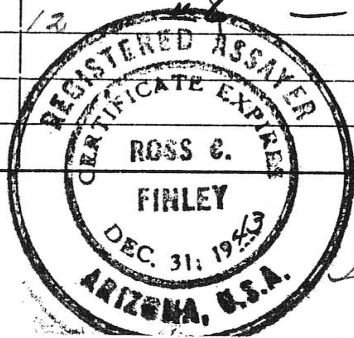
ASSAY CERTIFICATE

Globe, Ariz., Aug 26, 1943

King Copper Co.

John G. Russell

Sample No.	Owner's Mark on Sample		GOLD		SILVER		TOTAL VALUE PER TON	PERCENTAGE OF				
			OZS. PER TON	VALUE PER TON	OZS. PER TON	VALUE PER TON		COP'R	IRON	TIN	LEAD	
<i>On Map</i> 7	<i>101</i>	—	—	—	—	—	—	11.76				
8	<i>102</i>	—	—	—	—	—	—	6.52				
9	<i>103</i>	—	—	—	—	—	—	22.58				
10	<i>104</i>	—	—	—	—	—	—	9.39				
11	<i>105</i>	—	—	—	—	—	—	1.33				
12	<i>106</i>	—	—	—	—	—	—	4.94				



Ross C. Finley

Assayer

Insert the tabulation of this tin report and.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine KING COPPER GROUP

Date August 28, 1943

District Globe-Miami

Engineer A. Macfarlane

Subject: REPORT AFTER INVESTIGATION

The "King Copper Group" of ten unpatented claims is located in the Globe-Miami District about thirteen miles Southerly from the City of Miami on the northeasterly slope of the Pinal Mountains.

OWNERSHIP: Mr. Frank E. Carrow and Mr. M. P. Carrow of Globe, Arizona, by location of the claims and quiet claim given by previous owner. This group was known formerly as Harry Hawser Mine. Transfer of 1/4 interest made in favor of John G. Russell of Globe, Arizona.

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On map 7.....	11.76%
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A. Macfarlane
Field Engineer

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine KING COPPER, Cu.

Date April 6, 1943

District Globe-Miami

Engineer Earl F. Hastings

Subject: Reconstruction Finance Corporation
Mine Loan

Docket No.

Phx C-175

Date Application Received

April 2, 1943

Date of Field Examination

March 26, 1943

Date of Report

April 5, 1943

1. Name and address of applicant (correspondent):

Jack G. Russell, Box 1433, Globe, Arizona.

2. Character of project and estimated cost thereof:

Copper. To reopen and rehabilitate main tunnel level and #2 winze; to drift on ore from winze bottom, stope ore from above tunnel and from new drift.

3. Location of property:

Globe-Miami Mining District, Sec. 24, T 1 S, R 14 E, Gila County, Arizona.

4. Applicant's interest in or ownership of property:

A limited partnership of which applicant holds a one-fourth interest.

5. Loan requested:

\$5,000.00.

6. Loan recommended:

\$5,000.00.

7. Comments:

(A) Added to the docket is the report including maps by A. Macfarlane, Field Engineer, Department of Mineral Resources, dated March 26, 1943.

(B) The above report indicates a possible production of 3,200 tons of 3.5% copper ore along a 160-foot shoot to the depth of the present workings. This tonnage can be materially increased by wider stoping with a resultant lower grade product. The Macfarlane report is brief and descriptive; it is therefore unnecessary to review the points contained therein.

(C) On the basis of this report, coupled with the favorable geological and geographical conditions to be found, this loan is recommended.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

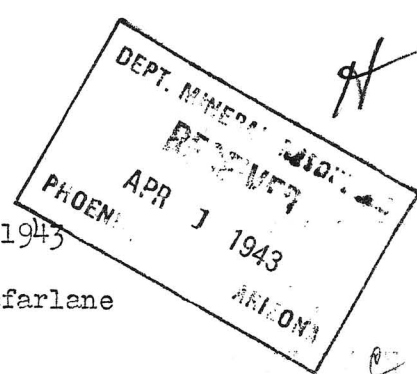
Earl F. Hastings, Projects Engineer

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

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Of 10 Unpatented Claims
District Globe - Miami

Date March 26, 1943

Engineer A. Macfarlane



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STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine KING COPPER GROUP
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 Engineer

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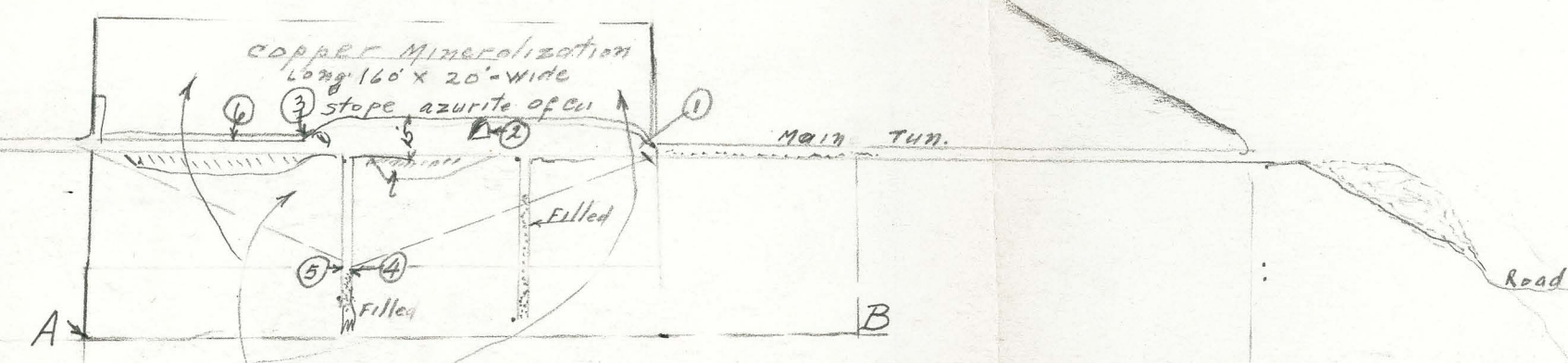
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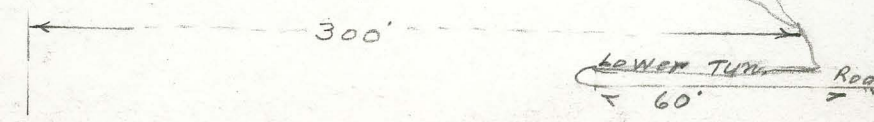
DEPARTMENT OF MINERAL RESOURCES
 STATE OF ARIZONA
 419 HOME BUILDERS BUILDING
 128 N. 1ST AVENUE
 PHOENIX, ARIZONA



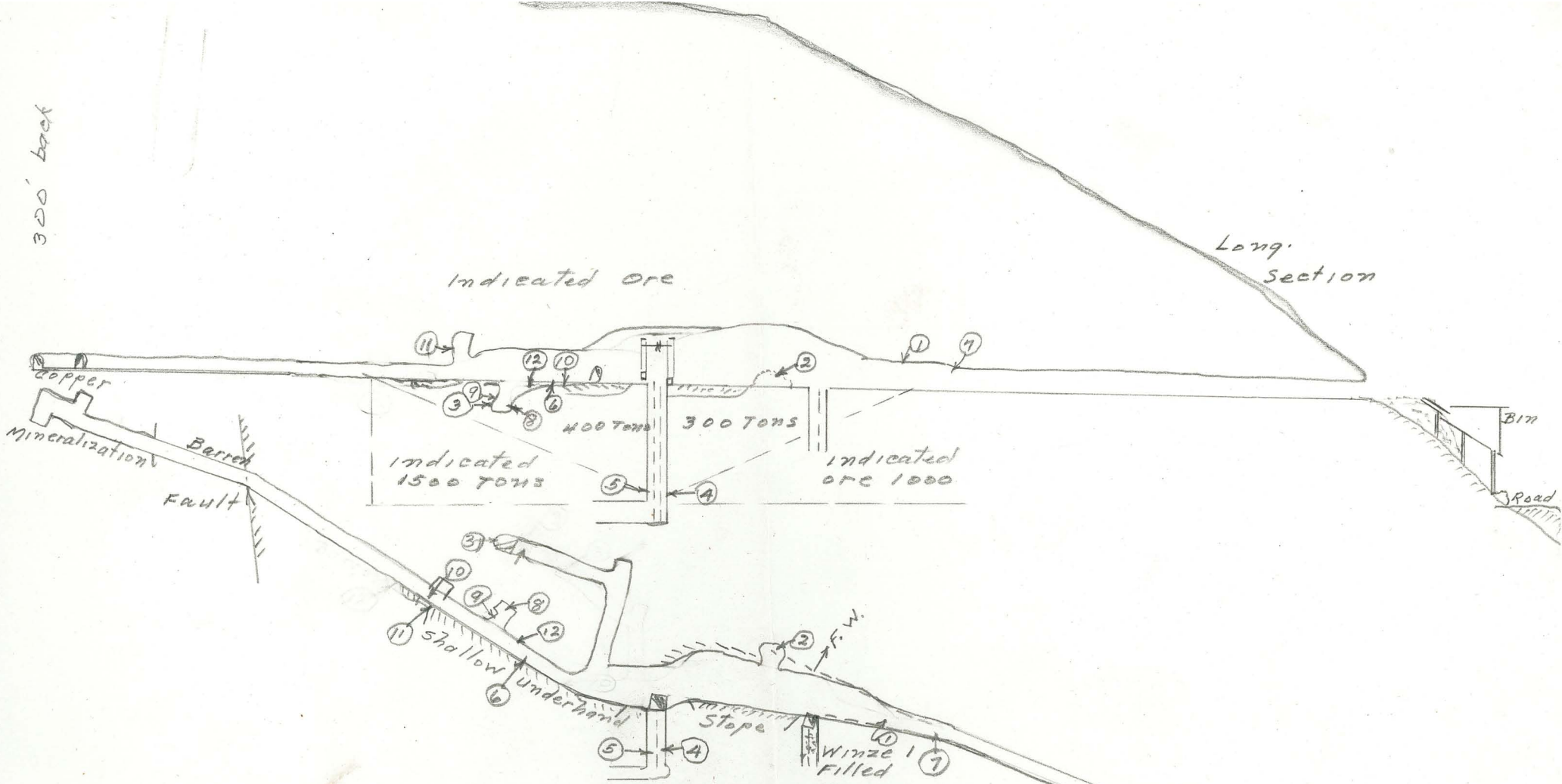
Proposed to stop: Long. Sec. King Mine
 $160' \times 50' \times 4' = 3200$ tons @ 3.5% average = 5.73 Smelter value
 ore above Tun. 3.32 Premium "
 back 1000 " " 3.5% cu 9.05 Total
 Total Tons 3200 available @ 9.05 = 28,960.00

Smelting and Trucking Costs @ 4.75 x 3200 = 15,200
 To cover Mining loan 13,760.

Notes of Field Engr. Dept. of Mineral Resources
 March 30 1943 Globe Arizona.



300' back



Sketch Plan & Section

KING COPPER MINE

Globe - Miami District

Gila County, Arizona Owners -

- Carrow Bros. And J.G. Russell

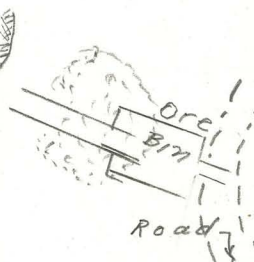
Globe, Arizona. Scale 1" TO 50 FT

August 28th 1943 Notes Of

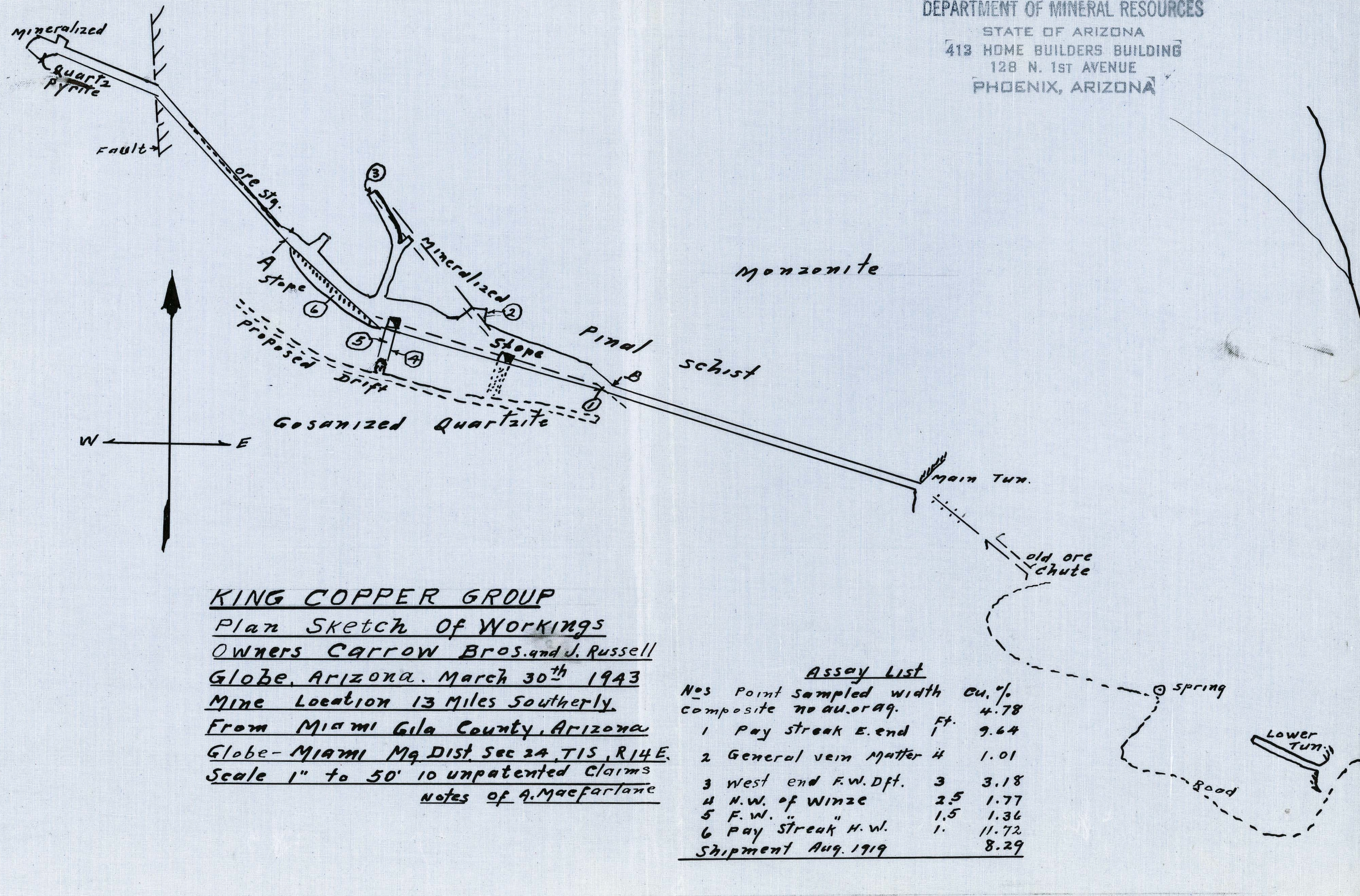
Mineral Resources Dept

A. Macfarlane Field Engr.

Nos	Ag	Cu %	List	Width	Place
1		9.64	12"		Tun back
2		1.01	48"		F.W. of Wide Stope
3		3.18	36"		W. end F.W. Drift
4		1.77	30"		N.W. of winze
5		1.36	18"		F.W.
6		11.72	9"		pay streak Tun back
7		11.76	12"		"
8		6.52	14"		winze in F.W.
9		22.58	9"		" pay streak
10		9.39	14"		pay streak Tun back
11		1.33	48"		N.W. VEIN
12		4.94	30"		N.W. "



DEPARTMENT OF MINERAL RESOURCES
 STATE OF ARIZONA
 413 HOME BUILDERS BUILDING
 128 N. 1ST AVENUE
 PHOENIX, ARIZONA



KING COPPER GROUP

Plan Sketch of Workings

Owners Carrow Bros. and J. Russell

Globe, Arizona. March 30th 1943

Mine Location 13 Miles Southerly.

From Miami Gila County, Arizona

Globe-Miami M₉ Dist. Sec 24, T15, R14E.

Scale 1" to 50' 10 unpatented Claims

Notes of A. Macfarlane

Assay List

Nos	Point Sampled	width	cu. %
	composite	no au. or ag.	4.78
1	Pay streak E. end	1 Ft.	9.64
2	General vein matter	4	1.01
3	West end F.W. Dft.	3	3.18
4	H.W. of Winze	2.5	1.77
5	F.W. "	1.5	1.36
6	Pay streak " H.W.	1.	11.72
	Shipment Aug. 1919		8.29