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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BOSTON PROPERTY

ALTERNATE NAMES:

WHITE HORSE CLAIMS
CALIFORNIA EXTENSION
CYCLONE
TUFF SURPRISE
HOOVER EXTENSION

PINAL COUNTY MILS NUMBER: 64B

LOCATION: TOWNSHIP 1 S RANGE 12 E SECTION 16 QUARTER SE
LATITUDE: N 33DEG 20MIN 20SEC LONGITUDE: W 111DEG 08MIN 06SEC
TOPO MAP NAME: PICKETPOST MTN - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

COPPER
SILVER
GOLD LODE

BIBLIOGRAPHY:

WADWELL, HENRY R., AERIAL GEOLOGY ON POTTS
CANYON MINING AREA 1941, PLATE I, II, III,
ADMMR MAP BACINET
ADMMR BOSTON FILE
BLM AMC FILE 80108
CLAIMS EXTEND INTO SEC. 13,14,23,24 & 26

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... April 20 1945
 Name of Mine..... Boston
 Owner or Operator..... A. R. Flint
 Address..... Box 481 Superior, Ariz.
 Mine Location..... about 7 miles westerly from Superior, Ariz.

Filing Information

File System.....
 File No.....
 This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;
 Experimental (sampling).....; Owner's occasional trip.....;
 Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months
 Approx. present rate per 3 months
 Anticipated rate next 3 months
 If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars
Light or Service Trucks
Ore Hauling Trucks
Compressors	<u>40</u>	<u>130 hrs</u>	<u>120</u>
Other Mine or Mill Eqpt. Hoist	<u>12</u>	<u>120</u>	<u>100</u>

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

220 Gals per mo.

REMARKS:

Rehabilitation of mine and further development

By P. W. Farlane

Boston
Mine

July 30, 1943

H

State Dept. of Mineral Resources
Phoenix, Arizona

Gentlemen: Attn: Mr. Hastings, Engr.

I am sending some supplementary data re: Arthur R. Flint, Docket No. C-226. Please add this to the docket and I am sure that it will be of assistance in your study of this project.

Incidentally, this Mr. Flint impresses me as being a man of good judgment and certainly an industrious person.

GAT
G. A. T.

GAT:MJ

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

OWNERS MINE REPORT

Date August 11, 1943

Mine BOSTON
 District Pioneer Location Three miles N.W. Magma
 2 1/2 miles west Silver King
 Former name Same
 Owner A. R. Flint Address P. O. Box 481
 Superior, Arizona
 Operator Same as above Address -----
 President None Gen. Mgr. None
 Mine Supt. None Mill Supt. None
 Principal Metals Copper, Gold, Silver Men Employed 2 including owner
 Copper-Hi Grade 1 part time
 Production Rate / Gold and Silver 40% trace to .08 Mill: Type & Cap. None
 Power: Amt. & Type Gasoline
 Operations: Present Approximately 10 ton 4% copper ore on dump

Operations Planned
 Some ore on 70' level
 Developing below 70' level
 Worked out on 30' and 50' levels

Number Claims, Title, etc. 6 claims held by assessment work
 2 room house, hoist shed, compressor shed, 6 H. P. hoist,
 300 ft. cable, home made compressor, Sullivan jack hammer,
 steel drill, hose, air and water, and all other necessary supplies
 including 2' air line and skip with track.

Description: Topog. & Geog.
 Located in Pots canyon approximately 100 ft. above creek bed and 100
 back from creek in rolling hills or foot hills canyon one mile wide at
 this point. Vein strike is SW 50' dip and approximately same
 degree rake.

Mine Workings: Amt. & Condition Three levels have been partially stoped out . Remaining ore
 good but too close to surface to take out if operations
 are continued.

Geology & Mineralization

See Wardell's thesis of Pots Canyon mining in U. Of A. Library

Ore: Positive & Probable, Ore Dumps, Tailings ?

Mine, Mill Equipment & Flow Sheet ? None

Road Conditions, Route Road in good condition most of time.
It is approximately 8 miles by present road
45 minute drive.

Water Supply Spring. No quantity has been developed.
Some water in mine for operations.

Brief History Located in 1912 by Mark Arrosmith. Dropped and relocated from time to time.
Relocated by my father in 1939 after location work lapse.

Special Problems, Reports Filed

Remarks

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

Not for sale

Signed.....

A. R. Flint

Use additional sheets if necessary.

June 8, 1943

H
C

MEMORANDUM

TO: W. B. Gohring .

FROM: E. F. Hastings

We have a report and maps on hand sent in by A. Macfarlane on the Boston Mine, Pinal County, Arizona. Macfarlane stated that a Mr. A. R. Flint was making application for an accessibility loan on this property.

This will be a small loan, though possibly classed as development. If you have the application, either send it over or let us know and we will forward you the data, if interested.

C
/

May 17, 1943

Mr. A. Macfarlane
Box 506
Globe, Arizona

Dear Mr. Macfarlane:

Will you kindly make a definite date with Mr. A.R. Flint, Box 481, Superior, to look over his Boston mine and help him make out an application for a mine loan?

I understand that you had a date with him about a month ago which was canceled because of your illness and that you made another date for May 1 and that you failed to show up or notify him. This is very bad practice to make dates and fail to keep them. I can appreciate that there are times when there are good reasons for failing to keep a date but there is no good reason for failing to notify the person and it is something that reflects badly upon the Department.

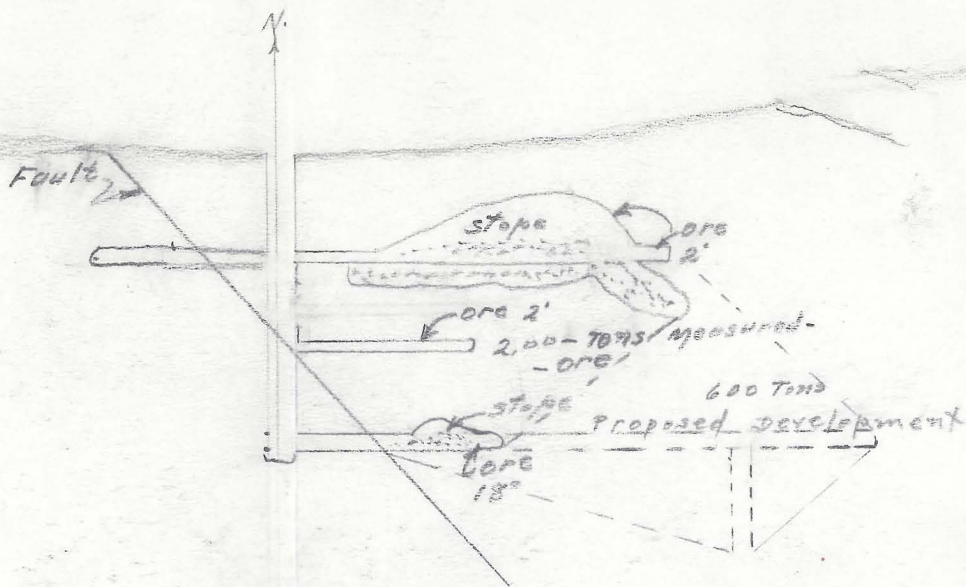
Furthermore, I feel that any dates you had to cancel because of illness should be taken care of before any other dates are made. So please get at this just as quickly as you possibly can.

With kindest personal regards, I am

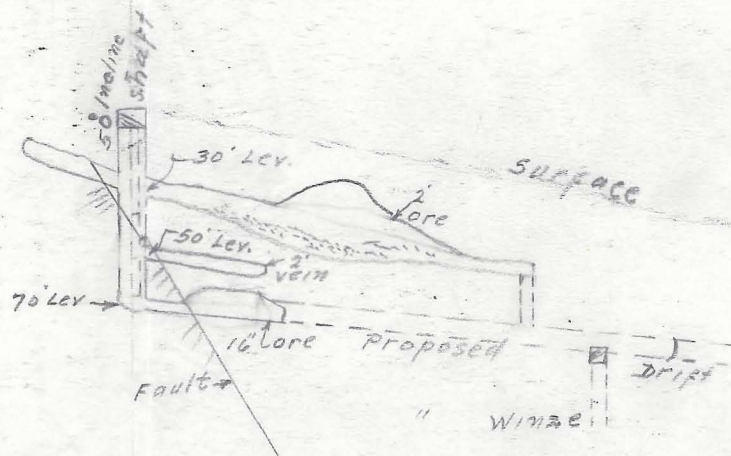
Yours very truly,

CHARLES F. WILLIS, Chairman
Board of Governors

CFW:MH

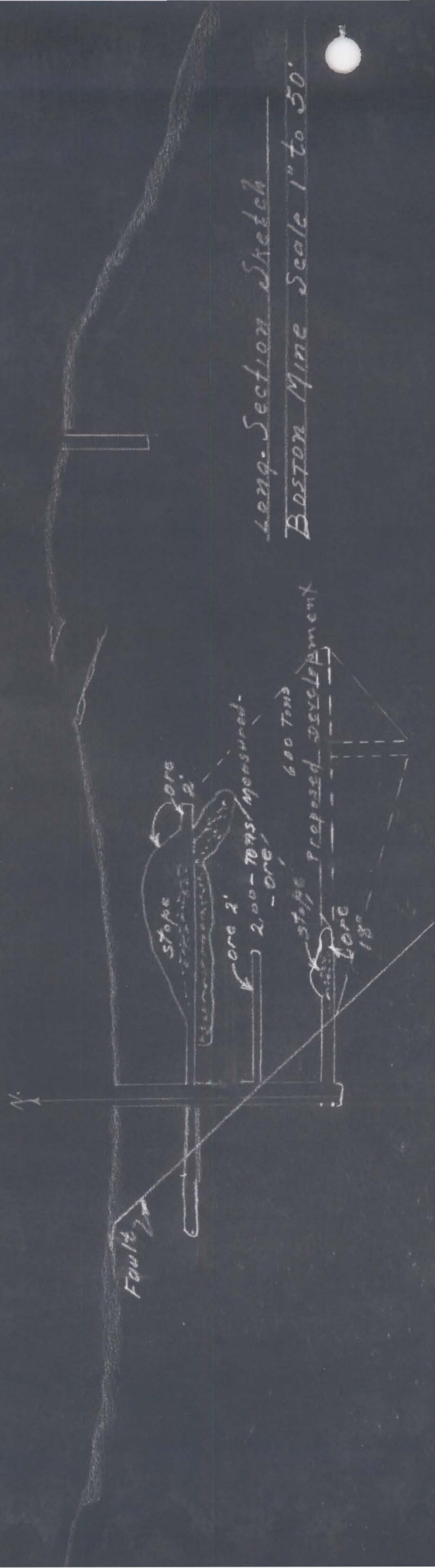


Long-Section Sketch
Boston Mine Scale 1" to 50'

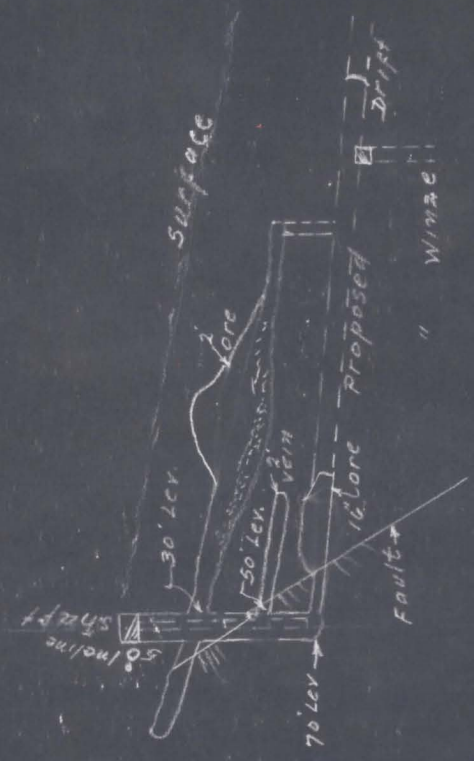


Plan Sketch BOSTON MINE
Pioneer Mining District
Pinal County, Arizona.
Scale 1" to 50' May 25 1943.
Department of Mineral Resources
A. Macfarlane Field Engr.

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

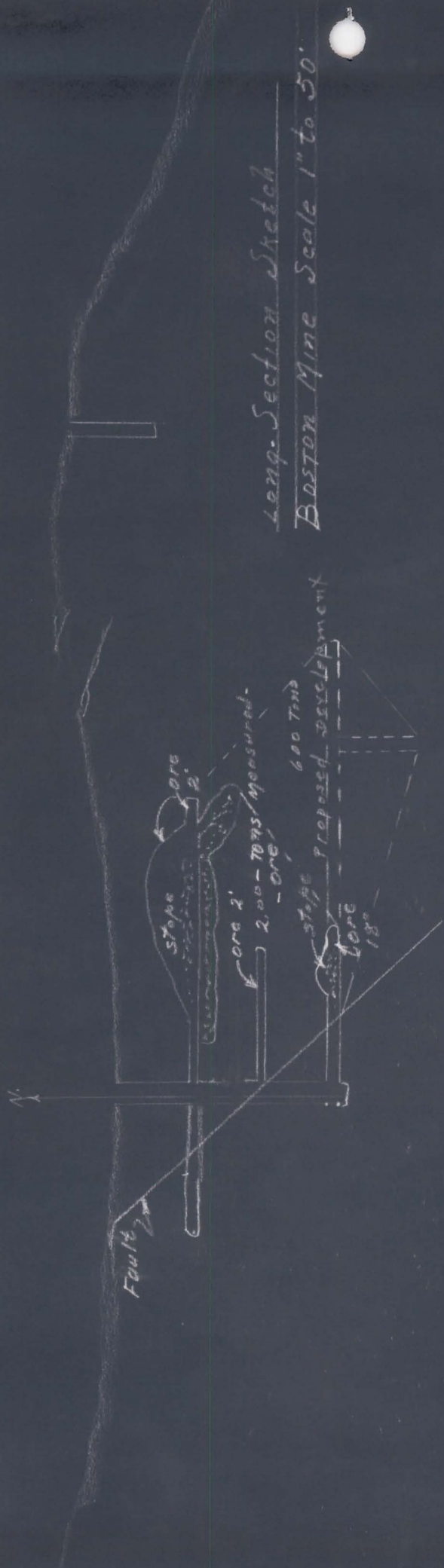


Long Section Sketch
 Boston Mine Scale 1" to 50'

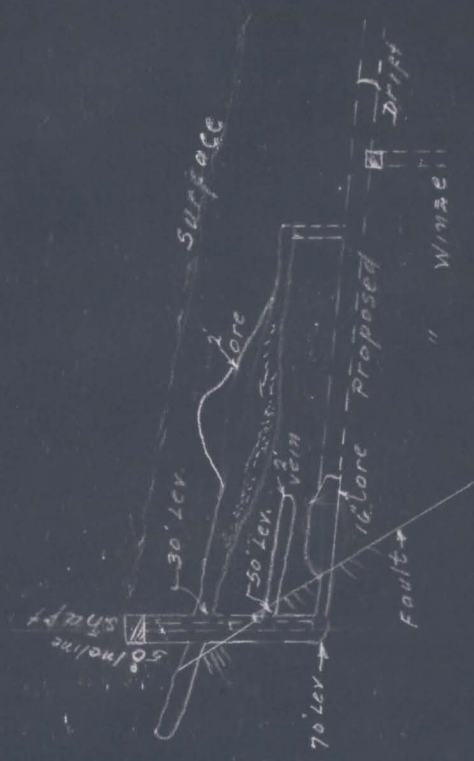


Plan Sketch BOSTON MINE
 Pioneer Mining District
 Pinal County, Arizona.
 Scale 1" to 50' May 25 1943
 Department Of Mineral Resources
 D. Macfarlane Field Engr.

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



Lang. Section Sketch
 Boston Mine Scale 1" to 50'



Plan Sketch BOSTON MINE
 Pioneer Mining District
 Pinal County, Arizona.
 Scale 1" to 50ft May 25 1943
 Department Of Mineral Resources
 A. Macpherson Field Engr.

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

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

DEPT. OF MINERAL RESOURCES
PHOENIX, ARIZONA
DATE AUGUST 18 1943

1. Mine **BOSTON**
2. Location **PHOENIX, ARIZONA**
THREE MILES N.W. MARICOPA
2 1/2 MILES WEST SILVER KING
3. Mining District & County **PIONEER**
4. Former name **SAME**
5. Owner **A. R. FLINT**
6. Address (Owner) **P.O. BOX 481 SUPERIOR**
7. Operator **SAME**
8. Address (Operator) **SAME**
9. President, Owning Co.
- 9A. President, Operating Co.
10. Gen. Mgr. } **NONE**
11. Mine Supt. }
12. Mill Supt. }
13. Men Employed **2 INCLUDING OWNER**
1 PART TIME
14. Principal Minerals **COPPER** ^{Hi GRADE}
GOLD ^{40%}
SILVER } **TRACE TO .08**
15. Production Rate
16. Mill: Type & Cap. **NONE**
17. Power: Amt. & Type **TRASH LINE**
18. Operations: Present

APPROXIMATELY 10 ton 4% COPPER ORE ON DUMP

19. Operations: Planned **SOME ORE ON 70' LEVEL**
DEVELOPING BELOW 70' LEVEL
WORKED OUT ON 30' and 50' LEVELS

20. Number Claims, Title, etc.

6 CLAIMS HELD BY ASSES. WORK

2 ROOM HOUSE Hoist shed Compressor shed 6 H.P. Hoist 300ft Cable
Home made compressor Sullivan jack Hammer Drill steel Hose air and water
and all other necessary supplies including 2' air line and skip with track

21. Description: Topography & Geography

Located in Vols Canyon approximately 100 ft above Creek bed and 100
Back from Creek in Rolling hills or foothills Canyon one mile wide at this point
Vein strike is S.W. 50' Dip and approximately same degree strike

22. Mine Workings: Amt. & Condition

Three levels have been partially stoped out remaining ore
good but to close to surface to take out if operations are
continued.

23. Geology & Mineralization

See Wardell's thesis of Pats Canyon Mining

in V. of Arizona Library

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

24A. Dimensions and Value of Ore body ?

25. Mine, Mill Equipment & Flow-Sheet none

26. Road Conditions, Route

Road in good condition most of time.

It is approximately 8 miles by present road 45 min drive.

27. Water Supply

Spring no quantity has been developed

Some water in mine for operations

28. Brief History

Located in 1912 By Mark Arrossmith dropped and Relocated from time to time Relocated by my father in 1937 after location work

29. Special Problems, Reports Filed

Lapse.

30. Remarks

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

not for sale

32. Signature

A. R. Huit.

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine BOSTON

Date May 27, 1943

District Pioneer, Pinal County, Arizona

Engineer A. Macfarlane

Subject: Examination for loan application.

Property: Consists of one full claim situated about 4 miles westerly from the center of Superior, air line, by road a distance of about 6 miles, this stub road is in fair condition for ore trucking to the Magma Smelter.

Vein Occurrence: In a schist formation near an intrusive of igneous origin, a small vein approximately from 1' to 3' thick, cropped to the surface forming the discovery point, on which an 50 degree incline shaft has been sunk to a total depth on this incline of about 70'.

Forty feet below the collar of the incline, the dacite flow cut across the shaft from west to east and faulted out the vein until picked up again at about 30' easterly from the shaft on the 70' level.

Easterly from the fault the vein structures a defined foot and hanging wall continues, and within these walls, lenses of copper ore of a rather high grade tenor are visible. These lenses will range in width from 1' to 2', the copper content being about 12%, if not diluted with too much other vein filling.

Mine Workings: Are limited to the 70' incline and three short drifts extended from 40' on the 50' and 70' levels and a drift and stope on the 30' level fully 100' east from shaft end. (See attached sketches.)

About 150' easterly from the incline a shaft about 35' deep has been sunk in the schist, this has not reached the 50 degree southeast dip of the vein, and there are no evidences of ore in this shaft.

The 70' incline and drifting therefrom makes in all 250' of exploration openings, the entire extent of development to this time.

Proposed New Development: For the purpose of exploring the copper shoot now visible and to make ore available in a paying quantity, the owner, Mr. A. R. Flint, proposes to extend the east heading, an additional 100 lineal feet, and to sink a winze about 50' where the pay ore is widest and within good walls, also to upraise on the vein about 20' to connect with the 50' level heading.

This new development is believed will all be on ore, the vein matter is not hard, the hanging wall is firm and practically, no timbering is required, except in stoping; this amount of exploration 170 lineal feet will all cost about \$1,800.00 for labor and materials.

Timber, lumber, hardware, a small amount of light track rail and about 300' of small piping, to accomplish the above development work, all will cost \$400 or \$500 which with accounting and reports will make a total of about \$2,500.00 needed to perform this exploration.

The attached sketch maps aim to further explain the above written description and to place an estimate on the measured and indicated ores now to be considered.

Equipment: The incline shaft is safely timbered to the 70' level and a 6 horse power hoist all in good working order, with 300' of new 3/8" steel cable, and 1/3 ton skip, all makes an efficient small hoisting plant.

An air compressor made of two auto engines is also housed near shaft collar, this is said to be in working order and capable of supplying over 100 cu. feet of free air up to 80# pressure, the air drill was sent away for repairs.

To accomplish the proposed mine development, no major machinery outlay is required, it is proposed to sink the winze from floor of east drift, to a depth of about 50' by windlass, the sump in the bottom of the incline shaft, will be deepened to accumulate some 200 to 300 gallons of water, making in the 70' level.

A good two room cabin accommodating the owner and two other workers is now erected on the claim, and a supply of all required small tools are in the cabin and hoist room.

Estimated ores: The drifts now extended along the vein and above the back of the 70' level, about 200 tons copper ore can be mined.

This ore will assay 12% Cu. per the last settlement for ores sold from this ground, a total of 48,000#.

The proposed development it is estimated will make measurable an additional 600 tons copper ore of the 12% grade, this ore will work out about as follows:

	Net to Seller	Per Ton
800 tons 12% Cu. smelting loss 10% is 216# net at 15 cents		\$32.40
Estimated stoping cost all charges included at per ton		<u>10.00</u>

Each ton net gain.... \$22.00

800 tons times \$22.00 is \$17,600.00 this will repay a loan of \$2,500.00 and leave a profit.

5,000.00	Smelting and trucking charges
<u>\$12,600.00</u>	Estimated net gain.

Conclusion: While this prospect is small, the proposed development will be made as a continuation of narrow but high grade ore now visible in the short drift backs, and this new work, stands a fair chance of making available, the estimated indicated ore.

Management: The owner, Mr. A. R. Flint, is a hard economical worker and I feel that every dollar he expends, will be properly applied towards the proposed development.

(Signed) A. MACFARLANE

NAME OF MINE: BOSTON		COUNTY: PINAL
OPERATOR AND ADDRESS:		METALS: CU
MINE STATUS		
DATE:		DATE:
5/1/44	A.R. Flint, Box 481, Superior	5/1/44
		2/47
		Developing
		Idle

Date: _____

Name of Mine BOSTON

Location 3 1/2 mi N.W. SUPERIOR

Operator A. R. FLINT

Address Box 481

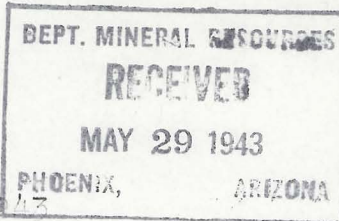
Metals Produced COPPER - SILVER

Developing Shipping

Financing Planning Operations Soon

Idle (Diamond Drill)

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT



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BOSTON MINE

2

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Estimated stoping cost all charges included at per ton		10.00
	Each ton net gain...	\$ 22.00
800 tons times \$22.00 is \$17,600.00 this will repay a loan of \$2,500. and leave a profit.	5,000.00	Smelting and trucking charges
	12,600.00	Estimated net gain.

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Management; The Owner Mr A.R. Flint is a hard economical worker and I feel that every dollar he expends, will be properly applied towards the proposed development.

T. Macfarlane