



CONTACT INFORMATION

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Arizona Department of Mines and Mineral Resources Mining Collection

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02/06/91

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: STOTTS MINE

ALTERNATE NAMES:

PHILLIPS
ONTARIO
GOAT CAMP
DEAN

GREENLEE COUNTY MILS NUMBER: 92B

LOCATION: TOWNSHIP 7 S RANGE 32 E SECTION 15 QUARTER NE
LATITUDE: N 32DEG 49MIN 44SEC LONGITUDE: W 109DEG 02MIN 54SEC
TOPO MAP NAME: YORK VALLEY - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

FLUORINE FLUORSPAR
SILICON
CALCIUM CALCITE
MANGANESE

BIBLIOGRAPHY:

ELEVATORSKI, E.A., AZ. FLUORSPAR ADMMR 1971, P. 25
ADMMR "U" FILE GREENLEE FL-6 (STOTTS)
ADMMR "U" FILE GREENLEE FL-7 (GOAT CAMP)
POWERS, RUSSELL S., GEO OF SUMMITT MTNS, GEO
PLATE 4, ADMMR GEO FILE
ELEVATORSKI, E.A., AZ. IND. MIN 1978, P. 35
ADMMR GEOLOGY FILE DUNCAN DISTRICT

STOTTS MINE (file)

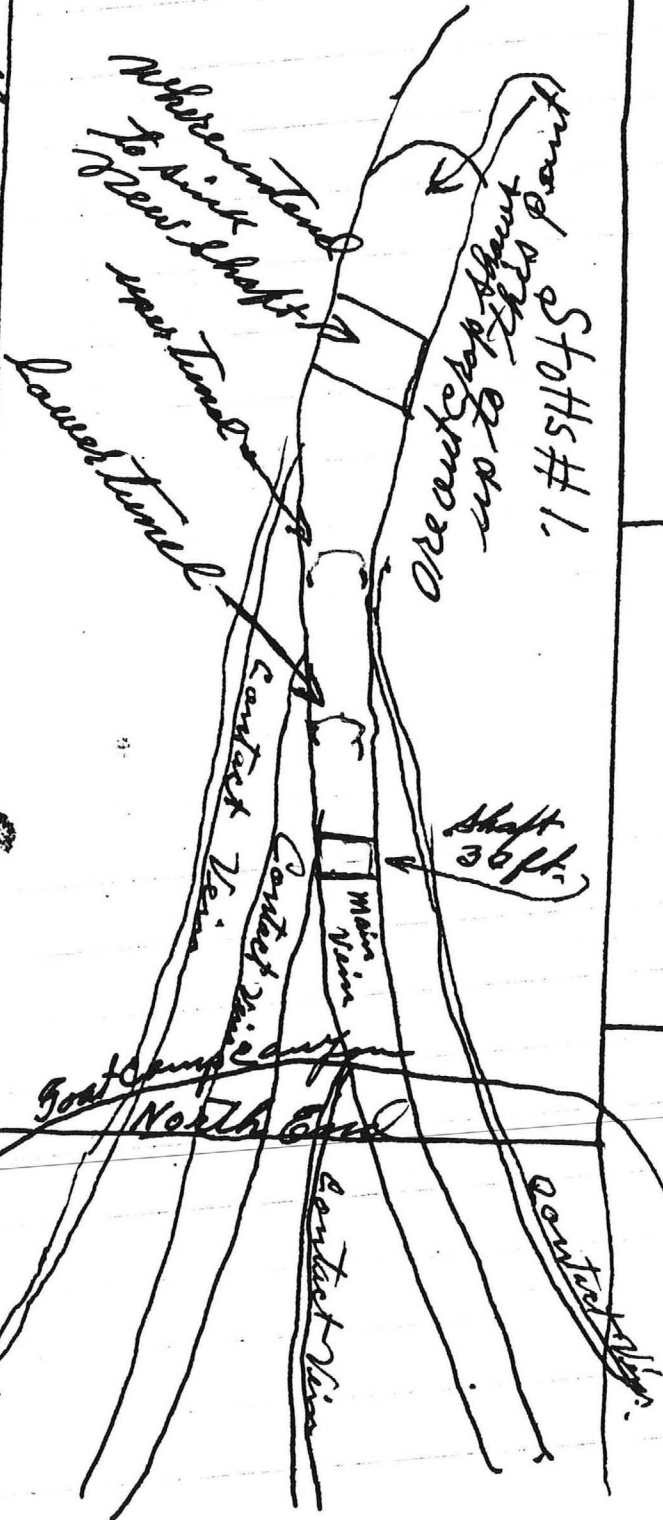
Greenlee County
Mayflower District

See: "Geology of the Summit Mountains and Vicinity, Grant County,
New Mexico and Greenlee County, Arizona" IN GEOLOGY FILE

Stotts #2

Stotts #5

This claim goes up side of Hill on outcrop
about 125 feet from Canyon level



Indian Metals Company

Lordsburg, New Mexico

April 20, 1943



Mr. Earl F. Hastings,
Projects Engineer,
Phoenix, Arizona.

Re: J. D. Stotts, Duncan, Arizona.

Dear Mr. Hastings:-

Replying to your letter of the 17th instant, regarding the above, would say that our mill burned down on the morning of March 28th, but it is now being rebuilt and we expect to be in operation by the end of this month. Some of our records were lost, but our assayer has located records of shipments from this party during 1942 for about 105 tons and the average Spar content was 70%, and he considers it good milling ore from every standpoint; the value of that grade of ore is \$7.70 per ton, fob our mill.

Our daily requirements are about 50 tons per day of crude ore. We do not have any formal contract with shippers; settlements are made on Fridays for all ore delivered up to the previous Saturday. We make one requirement that we will not take ore that runs under 65% CaF₂. The price is based on the percentage of the Spar content, using the same price schedule as used by the General Chemical Company, Deming, N. M.

Cordially yours,

A large, stylized handwritten signature in dark ink, likely belonging to the Vice President mentioned in the text below it.

Vice President.

Stott Mine

April 17, 1943

Mr. J. D. Stotts
Box 94
Duncan, Arizona

Dear Mr. Stotts:

Your mine loan application has been forwarded to this office for review. We find that we have no information in our file relative to the property and note that your docket is lacking in numerous details. We would like to obtain a little more information from you in order that the description of the property will be more complete.

It is noted that under the heading of "proposed work" you intend to overhaul and retimber and put in new ore bins and also to sink another shaft. You do not state anywhere in the application how much retimbering is to be done, the amount and size of ore bins to be constructed, nor where you intend to sink another shaft and for what reason. Is not your present working shaft suitable and if not, why not? You state that you have a 30 foot shaft and two tunnels of 65 and 30 feet respectively. Are these in ore? Are they all on the vein? It is noted that the vein averages 4 to 8 feet wide "uncovered". Does this width show in your tunnels and does it show over the lateral length of your vein system on the surface? As to the economics of your property we note that you obtain an average of \$7.70 per ton for your production at Lordsburg, New Mexico. What would be your mining, hauling and other production costs operating under this loan? Have you any assurance of continued market of this low grade production from the Indian Metals Company to whom you have been selling? Do you have any prospects of a higher grade production such as is found in several of the other properties near Duncan?

NLC You must realize that the RFC engineers have only your own description of the property by which to evaluate your mine. It is necessary that you completely describe the premises and prospects in order that they may visualize the type of project which you are asking them to finance. Therefore, I suggest you write a letter to this Department outlining the information requested in the above paragraph as well as any other pertinent data which might come to mind.

Mr. J. D. Stotts

-2-

April 17, 1943

We would like to examine your property and can do so May 3 or 4, if you will contact Mr. Andrew Macfarlane at the Arizona Small Mine Operators Association meeting in Duncan on May 3 and arrange to accompany him to the property. Please do not delay in getting the information the case of which you are waiting upon to finance. In the meantime, please get your letter back to us and if we consider the evidence is sufficient to warrant your loan, we will return it to the RFC with our recommendation without waiting for Mr. Macfarlane's report.

Assuring you of our interest and a desire to see all worthy Arizona properties in operation, we are, Very truly yours, Earl F. Hastings, Projects Engineer.

It is hoped that the property of which you are waiting upon to finance will be put into operation as soon as possible. We are, Sir, Very truly yours, Earl F. Hastings, Projects Engineer.

Don't Mr. Stotts:

Don't Mr. Stotts
Box 87
Mr. J. D. Stotts

YBLLT 11. 1943

April 17, 1943

MEMORANDUM

Stotts Mine
Duncan, Arizona

TO: Andrew Macfarlane

FROM: Earl F. Hastings

J. D. Stotts has made application for a mine loan on a fluorspar property out of Duncan and has submitted practically no data on the property although it is in operation and appears to have some prospects.

We have written Mr. Stotts asking for considerably more information and hope that it will be sufficient for our recommendation; however, we have suggested that Mr. Stotts contact you at the Duncan meeting May 3 and arrange for you to examine the property.

April 17, 1943

Indian Metals Company, Inc.
Lordsburg, New Mexico

Gentlemen:

Mr. J. D. Stotts of Duncan, Arizona, who has made application for an RFC mine loan, submitted a number of settlement sheets reporting sales of CaF_2 to your company. He states that some 300 tons of materials have been sold, however, has included settlement sheets for only some 32 tons.

We would be pleased to know if his production is suitable, what contaminating constituents, if any, are present, and how much of the material you are willing to take during any specified period.

We would like to have for our file a sample contract and method of settlement that we may advise any other fluorspar producers who make inquiries to this office concerning markets.

Very truly yours,

Eurl F. Hastings
Projects Engineer

EFH:kk

GOAT CAMP MINE (PHILLIPS MINE)

GREENLEE CO.

~~See Lincoln Township, Minn. (1111) Grand Island Co.~~

PHILLIPS MINE (also known as Goat Camp Mine)

Located in the NW-1/4 sec. 15, T7S R32E, about 1/2 mile from the New Mexico state line.

The property was not visited, however the exploration work reportedly consists of a 20 ft. deep trench.

*Dep't Min for
Thompson
p-25*

Phillips or Goat Camp Mine

①

~~Goat Camp or New Day #11 Mine~~

Location: ~~The New Day #11 fluorapatite mine is located~~
The Phillips or Goat Camp Mine is located in the northwest quarter of section 15, Township 7 south, range 32 east in Greenlee county, Arizona. The mine is about 11 miles north of Duncun, Arizona.

Physical Features

The land in the immediate mine area is hilly desert terrain with sparse vegetation. The Gila River and Arizona Highway 75 are about 7 miles west of the mine.

History

The history of the mine is unknown. A substantial dump at the mine indicates that there was some production of fluorapatite.

Ownership

Geology: The country rock is an andesite with rhyolite dikes and what appears to be a welded

tuff ~~attendant to the dike~~ a latite dike carrying some pyrite was noted at the southern end of the workings. Its relation to the other rocks was ~~impossible to determine because of~~ obscured by piles of waste rock from the mine, which covered the outcrops. The fluorapatite occurs in a vein of quartz + CaF₂ which strikes slightly northeasterly passing through rhyolite, tuff, and andesite. The most favorable

- (A1) - Greenlee Co., Ariz.
 - ~~inactive~~ past producer
 - surface - underground mining

(A4) Latitude $N 32^{\circ} 49' 45''$
 Longitude $W 109^{\circ} 3' 22''$
 reference pt. land frame
 precision of pt. location mea. - 100 m
 principal meridian Gila + Salt River
 T 7S, R 32E, sec. 15, NW 1/4
 survey status unknown
 elevation 4400' (1340 m)
 datum for elev. mea. - above sea level
 precision of elev. mea. - 10 m
 USGS 1:250,000 quad Silver City

(A5) distance of road needed 1 mi.
 distance to water supply 7 mi.
 " " electrical " 7 mi.
 mining district Steeple Rock
 domain BLM
 drainage basin Lily
 topography 10 mi. (25.4 km)
 annual pptn. even
 dist. of pptn. temperate
 temp. - desert
 veg. -
 soil texture
 primary land use grazing
 working season all year
 labor supply
 map series 15 minute
 map name York Valley

(A7) rock name relationship to ore
 tuff 1, 6
 rhyolite 1, 6
 andesite 2

deformation of fm group -

(A8) econ + gangue minerals
 qtz, CaF_2

(A9) type of ore body
 shape of ore body
 ore controls
 degree of wall rock alteration slight
 type of wall rock alteration - silicification
 01 fissure veins
 hydrothermal
 tabular
 2, 3



vein continues to the north to a streambed but in mostly quartz with minor fluorapatite. No southern extension of the vein was found. The vein was presumably associated with a fault or other structural discontinuity. Alteration is slight to moderate.

Development

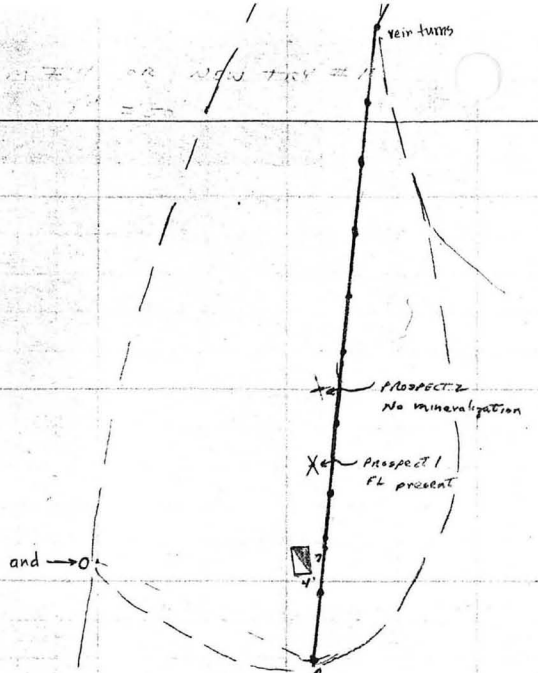
A shaft about 30 feet deep was sunk on the vein. Two large trenches yielded some fluorapatite from the vein also. There are several small pits and trenches on the vein and in the country rock. An undetermined amount of underground working also exists but was not examined for safety reasons. Excavations and geology are shown on the map.

Geol. (cont.)

Host rocks for fluorapatite appear to be rhyolite and tuff. The vein continues to the north in andesite but here it consists mostly of quartz; the fluorapatite is very minor in the andesite section of the vein. No southern extension of the vein was found; the mineralization appears to have terminated at the south end of the Y-shaped trench. The vein runs parallel to the dominant joint set in the rhyolite and probably the joints served as an ore control. Alteration is slight to moderate, except for the rhyolite which is well silicified.

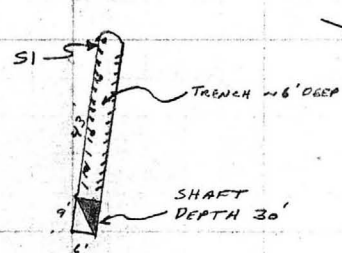
Development

→



and
tuff
rhy dike

SI is repr. of w. side of trench; e. side is slumped - no good exposures but appears sim. to T1

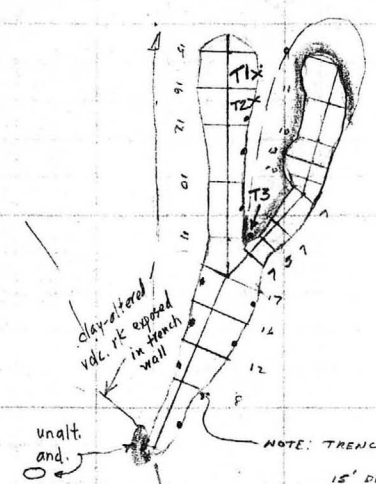


DRILL HOLE (N70W 39°)

tuff

rhy dike

denotes unalt. and. in trench wall
rest of trench wall is clay-sericite alt. volc. r w. Catz, Mn+Fe ox on walls



NOTE: TRENCH IN HYDROTHERMALLY ALTERED RHYOLITE? 15' DEPTH

② tuff

520 and

ANDSITE OUTCROP

530

NOTE: TRENCH IN UNALTERED ANDSITE

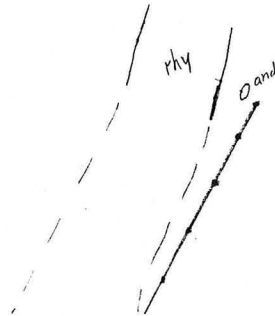
4' DEPTH

adk g r k
alt. rhy?
clim
adk and.

Phillips or Goat Camp Mine
Gem No. 4 Claim

1" = 50'

and
O



NEW TRY #11 (NOTES)

2nd Shaft N 40°W from W corner of 1st shaft

Prospect 1 29' N 90° E FROM W corner of 2nd shaft

Prospect 2 19' N 90.E OF PROSPECT 1

2nd TRENCH 55' N 16° E FROM W corner 1st (main) shaft

along N-S Line 60' TO INTERSECTION OF 3RD TRENCH (N 45° E 1st Leg)
(N 15° E 2nd Leg.)

4th TRENCH (by road)

N 50° E bearing on main shaft
from east end of trench
N 84° E from end of trench 2

* Sample #1 (andesite) taken from 4th trench

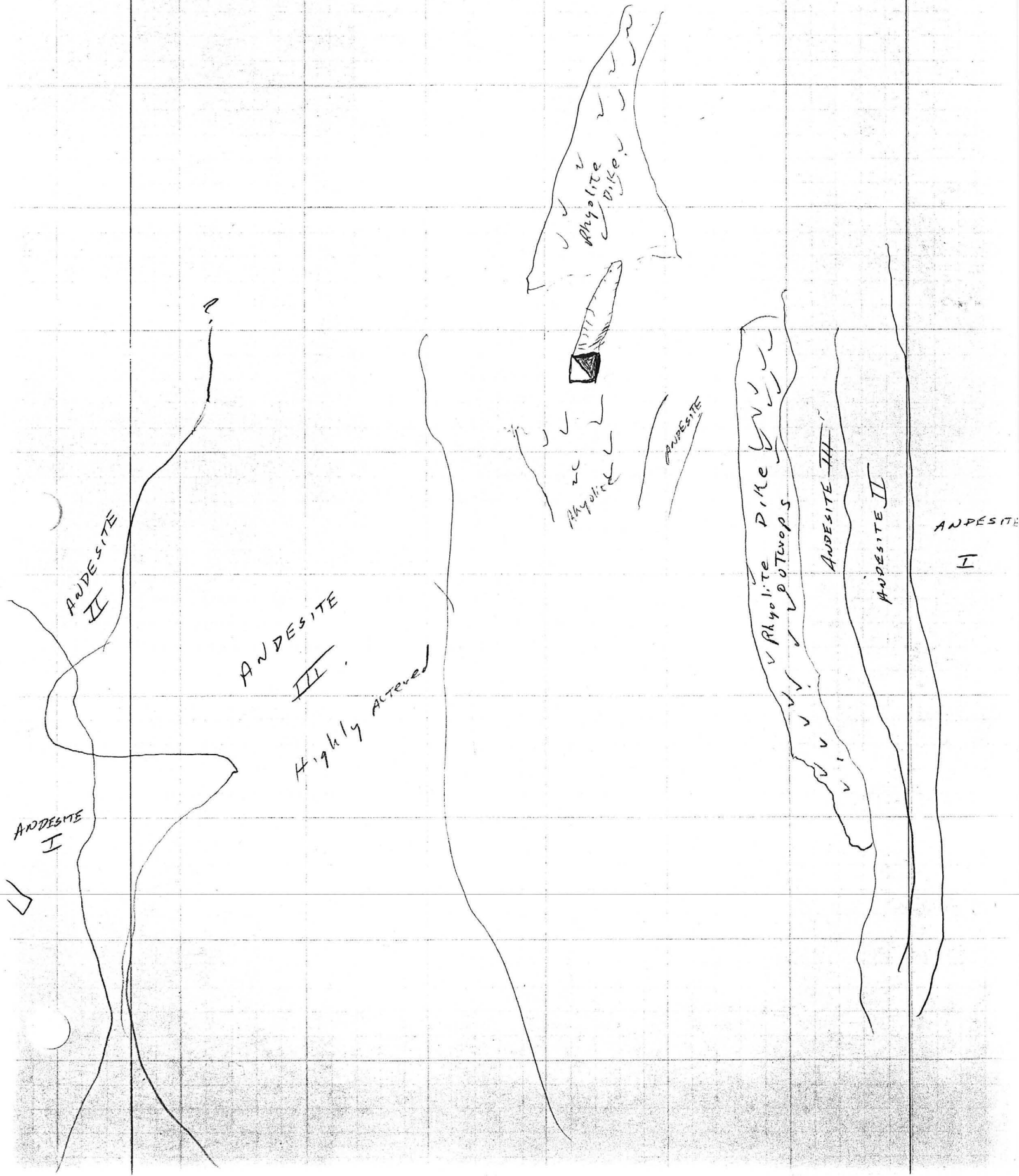
* Sample #2 (hyalite(?) altered) taken from road center 75' on N35°E bearing from SE corner of Trench 4.

Dwell Hole N 86° E ^{To} ~~Shed~~ CAIRN @ NE CORNER OF MAIN SHAFT
HOLE INCLINE 39° BEARING N TO W.

VEIN
N 5° W

FROM PT. A - 165' to the pt. where it turns to bearing N28E for 70' (last outcrop 15' from V)
FLUORSPAR IS EVIDENT ONLY FOR 60' of that, silica filling from
then on (some borwork - spotty FLUORSPAR evident TO END of LINE)

East CONTACT W/ANDESITE 103' on bearing S 70° E from cairn marking turning pt. of silver
" " " " 165' " " S 73° E vein. (ie. 125'
OUTCROP in rd - ALT RHYOLITE ~ 50' W of AND. OUTCROP from 2nd prospect pit.



W contact And. N65°W 273' from end pt.

Outcrop of ANDESITE 5' along this bearing W from end pt.

outcrop Rhyolite 11' from end pt. along bearing
" " 34' " " " " " "

Rhyolite dike in streambed - strike $\approx 150^\circ$
Dip 77°

Phillips

key to MAS no's sheets

same as Luckip #1 except

(A1)				A-3 cont 18	(2)	name of owner
6-9	0006	sequence #		74-5	(2)	state
				76-8	(2)	country
14	(2)	location only? complete?		79-80	(2)	% ownership
				(A4)		
				1-2	"	
				6-9	0006	sequence #
42	(2)	past producer explored prospect?		14-20	(2)	lat.
43	(2)	undetermined new prospect?			32.82863	
44	(2)	surface (= 20' trench)		21	"	N
45	(2)	undit. holdings		22-29	(2)	long.
46	(2)	"			109.06043	
				30	" 4	W
(A2)				31-46		
				47	2	Trench
				48	2 (2)	100 m.
				49-50	"	
6-9	0006	sequence #		51-3	" 07	T7
				54	"	
				55	" 2	S
14		PHILLIPS MINE		56-8	" 32	R 32
47		GOAT CAMP MINE		59	" 0	
				60	" 3	E
(A3)				61-2	15	sec 15
				63	77	NW 1/4
				64	76	NE 1/4
				65	78	SE 1/4
				66	" 2	surveyed.
				67-71	1341	elev. 4400' = 1341
				72	"	
				73	"	
17	(2)	owner? undetermined		74-5	" 292	Silver City

Phillips -
same as Luckie #1 except

(A5)

6-9 0006

(A6)

1-13

later

as (A-1)

14

"

15-6

"

17

"

1 ore min. on surf.

18-21

yr. deriv.

22-5

yr 1st prod.

26-9

yr last prod.

30-31

81

20' deep trench

32

1

little

33

?

"

34-7

?

yr.

38-9

2

40

1

little

41

?

42-5

?

yr.

46-7

48

1

little

49

50-53

yr.

(A7)

1-9

same as A1

10-12

000

13

14-36

Tertiary volcanics

~~andesite~~

37-9

120

Tert.

40

2

faulting

41

6

other alteration

42-3

00

undet.

44

120

Tert. sepm.

47

4

mineraliz. after event.

48-50

3.0

density - see Polly Ann

51-53

150

rhyolite

54

1

fractures contain ore (7 gangue to 1)

55

6

encloses ore

56-58

156

andesite

59

2

lies along ore

60

61-63

380

truff

64

1

fractures contain ore

65

6

encloses ore

(A-7 cont.)						
66-8	154	latite	37	0	2	
67	8	near ore, never in contact	53-8	18	length	$\frac{.305 \times 60}{1.63 \times 10^3} = 60 \text{ ft}$
74-75	1-13	as A1	59	1	strike	N5°W calc. NE cont.
14-16	120	Tert.	60-1	05		
17		mg	62	4		
18-20	200	fluorite	63-8	9	width	$\frac{.305 \times 30}{9.15 \times 10^3} = \text{cont. } 30' \text{ deep stage}$
21-2	0.6	halide				
23			69-70		dip?	
24-7			71			
28			72-5	2	thickness (vein)	$\frac{305 \times 4}{1.83 \times 10^3} = \text{cont. } 6' \text{ width}$
29-31	412	quartz				
32-3	15	SiO ₂				
34						
35-8						
39						
40-42	402	psidomelane				
43-4	04	oxide				
45	1	aph.				
46-9						
50						
51-3	299	iron oxides? (limonite)?				
54-5	04	oxide				
56	1	aph.				
57-60						
61						
(A9)	1-13	as A1				
14	0	no confid. info				
15-16	01	fracture vein				
17-18	02	shale zone?				
19-20	04	breccia filling?				
21-2	1	hydrothermal				
22-5	1	tabular				
26-7	2	ore controls				
	3	fract. faulting				
28	2	slight to moderate				
29-34	07	type alteration - silicification				
35-9	0	depth to mineraliz.				

extra

Phillips or Goat Camp Mine

LOCATION: The Phillips Mine, also known as the Goat Camp Mine, is located in the Steeple Rock mining district in the western foothills of the Mule Creek Mountains, about 11 miles northeast of Duncan. ~~The two mine shafts are shown~~

~~on the~~ York Valley, Ariz.-N. Mex. 15 minute quadrangle in T. 7 S., R. 32 E.,

~~Sec. 15, NW $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$, about 1 1/10 mile from the New Mexico-Arizona state line.~~

~~Another~~ The ~~mine shaft~~ ^{and edit} is shown on the ~~topographic map~~ ^{The mine is} 1/2 mile west of the state line in Sec. 15, NW $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$. ~~All three shafts are~~ ^{is} on the 4400 foot contour line (elevation 1341 meters) and ~~the shafts are~~ ^{is} located at 32.82863° (32° 49' 43.07") North latitude and 109.06430° (109° 3' 37.54") West longitude.

The Goat Camp Mine can be reached from Duncan by driving northwest on Arizona Highway 75 for 2 miles from the Ariz. 75 - U.S. 70 junction. Turn right through a gate in the highway fence and drive 8 1/2 miles northeast on a

well-maintained gravel road to Goat Camp Spring. The mine shaft ^{is} ~~is~~ located about ~~10 miles~~ ^{1/4 mile} northwest of

Goat Camp Spring

^{Wash and can be reached by a trail running southwest from Goat Camp Spring along the north side of the wash then northwest for 1/4 mile to the mine shaft.}

HISTORY: "The history of the mine is unknown. A substantial dump at the mine indicates that there was some production of fluorspar." (B.L.M.)

OWNERSHIP: *Probably the B.L.M. as no recent record of location was found in the Greenlee County Courthouse.*

GEOLOGY: "The country rock is an andesite with rhyolite dikes and what appears to be a welded tuff. A latite dike carrying some pyrite was noted at the southern end of the workings. Its relation to the other rocks was obscured by piles of waste rock from the mine, which covered the outcrop.

The fluorspar occurs in a vein of quartz and fluorite (CaF₂) which strikes slightly northeast, passing through rhyolite, tuff, and andesite. The most favorable host rock for fluorspar appears to be rhyolite and tuff.

The vein continues to the north in andesite but here it consists mostly of quartz; the fluorite is very minor in the andesite section of the vein. No southern extension of the vein was found; the mineralization appears to have terminated at the south end of the Y-shaped trench.

The vein ^{trends} ~~runs~~ parallel to the dominant joint set in the rhyolite and probably the joints served as an ore control. Alteration is slight to moderate, except for the rhyolite which is well silicified. ~~(Hirt)~~

DEVELOPMENT: ~~A~~ shaft about 30 feet deep was sunk on the vein. Two large trenches yielded some fluorspar from the vein also. There are several small pits and trenches on the vein and in the country rock. An undetermined amount of underground workings also exists, but was not examined for safety reasons. Excavations^s and geology are shown on the map. ~~(Hirt)~~

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Stotts # 1 & # 5 ✓

Date July 9, 1956

District Mayflower Dist., Greenlee County

Engineer Axel L. Johnson

Subject: Present Status.

Location 10 miles north-east of Duncan.

Number of Claims 2 unpatented lode claims.

Owners Ben Billingsley, Box 105, Duncan, Ariz. and Les Billingsley, Duncan, Ariz/.

Operators Not in operations.

Principal Minerals Fluorspar.

Production Rate None. Mine is idle.

History (1) Former owner ---- J. D. Stotts. ✓
(2) Relocated by Billingsley Bros., Duncan, Ariz.
(3) Sold to Arizona Eastern Fluorspar Corp. in 1953. *file*
(4) Ownership reverted to Billingsley Bros. in 1954 or 1955.

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STATE OF ARIZONA
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DEPARTMENT OF MINERAL RESOURCES
State of Arizona
MINE OWNER'S REPORT

Date 7-15-46

1. Mine: Stott's #1. #5.
2. Location: Sec. _____ Twp. _____ Range. _____ Nearest Town Duncan
Distance 10 Miles Direction NE Road Condition fair
3. Mining District & County: Mayflower Greene
4. Former Name of Mine: _____
5. Owner: J.D. Stott
Address: Gridley Calif.
6. Operator: _____
Address: _____
7. Principal Minerals: Fluorspar
8. Number of Claims: two Lode _____ Placer _____
~~Patented~~ _____ Unpatented _____
9. Type of Surrounding Terrain: Hilling
10. Geology & Mineralization: _____
11. Dimension & Value of Ore Body: 4 to 8 ft. With a possible increase of vein width to 12 feet -

12. Ore "Blocked Out" or "In Sight": Ore sold up to June 1-43.

about 620 tons

Very little in sight Probably 80 to 150 000 tons

Can be mined from #1. #5 is a small

Vein of high grade ore of about 18 in

Ore Probable:

No Estimate has been made on

it.

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts. #1.	28 ft.	fair
Raises.		
Tunnels #1, 2.	90x6, 16x4.	
Crosscuts.		
Stopes.		

14. Water Supply:

fair

15. Brief History:

These Claims have been worked from 1940 to 43. Ore Assayed Runs on an average of 78% With about 5 to 8% on silice.

16. Signature:

J. D. Stalls

17. If Property for Sale, List Approximate Price and Terms:

\$1000

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

Date July 15, 1946

1. Mine Stotts #1, #5 2. Location 10 miles N.E. of Duncan
Mining District & County Mayflower Dist., Greenlee County
Former name
Owner J. D. Stotts 6. Address (Owner) Gridley, Calif.
Operator 8. Address (Operator)
President, Owing Co. 9A. President, Operating Co.
Gen. Mgr. 14. Principal Minerals Fluorspar
Mine Supt. 15. Production Rate
Mill Supt. 16. Mill: Type & Cap.
Men Employed 17. Power: Amt. & Type
Operations: Present

Operations: Planned

Number Claims, Title, etc. 2 unpatented lode claims.

Description: Topography & Geography Rolling

Mine Workings: Amt. & Condition 1 shaft, 28', fair condition.
2 tunnels, 90 x 6 & 16 x 4

4. Ore: Positive & Probable, Ore Dumps, Tailings Ore sold up to June 1, 1943 - about 620 tons.
Very little in sight. Probably 80 to 150,000 tons. Can be mined from: No. 1. No. 5 is a small vein of high grade ore of about 18 in. No estimate has been made on it.

4A. Dimensions and Value of Ore body 4 to 8 ft. with a possible increase of vein width to 12 ft.

5. Mine, Mill Equipment & Flow-Sheet

6. Road Conditions, Route Fair.

7. Water Supply Fair.

8. Brief History These claims have been worked from 1940 to '43. Ore assayed runs on an average of 78% with about 5 to 8 on silica.

9. Special Problems, Reports Filed

10. Remarks

11. If property for sale: Price, terms and address to negotiate. \$4,000.00

32. Signature.....J. D. Stotts

13. Use additional sheets if necessary.

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

Date July 15, 1946

1. Mine **Stotts #1, #5**
2. Location **10 miles N.E. of Duncan**
Mining District & County **Mayflower Dist., Greenlee County**
Former name
Owner **J. D. Stotts**
6. Address (Owner) **Gridley, Calif.**
Operator
8. Address (Operator)
President, Owning Co.
9A. President, Operating Co.
Gen. Mgr.
14. Principal Minerals **Fluorspar**
Mine Supt.
15. Production Rate
Mill Supt.
16. Mill: Type & Cap.
Men Employed
17. Power: Amt. & Type
Operations: Present
Operations: Planned
Number Claims, Title, etc. **2 unpatented lode claims.**
Description: Topography & Geography **Rolling**
Mine Workings: Amt. & Condition
**1 shaft, 28', fair condition.
2 tunnels, 90 x 6 & 16 x 4**

4. Ore: Positive & Probable, Ore Dumps, Tailings **Ore sold up to June 1, 1943 - about 620 tons.**
Very little in sight. Probably 80 to 150,000 tons. Can be mined from
No. 1. No. 5 is a small vein of high grade ore of about 18 in. No estimate
has been made on it.

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5. Mine, Mill Equipment & Flow-Sheet

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NAME OF MINE: STOTTS NO 1, 2, 3

COUNTY: Greenlee F
DISTRICT:
METALS: CaF2

OPERATOR AND ADDRESS:

MINE STATUS

DATE:

DATE:

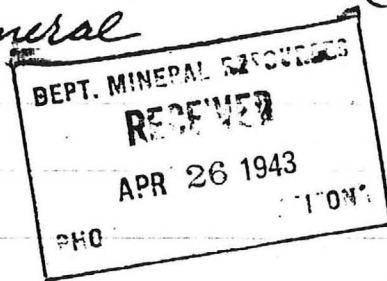
5/1/44

John D. Stotts, Duncan

5/1/44

Closed down

Slotts
Department of mineral
Resources
Phoenix
Ariz.



(Duncan
Box 94
Ariz.
April 21-1943

Gentlemen:

I am glad to send you more information
you requested in your letter dated April 17th
regarding the mining property of which I have
applied for R.F.C. loan.

You wished to know how much retimbering is
to be done if I mark any of the tunnels
probably 300 feet of timber will be sufficient to
begin with and ore bends would be at least
two. Size of which would be 12 feet long 4 feet wide
and 4 feet deep. With 8x8 timber for post which
would require 6 to the bin length of post would be
about 12 feet with about 100 feet of 2x6 timbers
to each bin ^{for} ~~pross~~ One grading platform 12x12 feet
requiring about 288 feet of 2x12 timber 5.8x8: 12 feet
long for sills for platform.

Yes the 4 to 8 feet width of vein shows in tunnels
But the ore has too much talc and other waste.

I am enclosing a map showing just about as complete
a description as I can give off hand.

(2)

No I cannot trace the vein the whole length of the claim it shows from the creek on north end and shows about half the length of claim. The exposed part of vein matter is on the north slope of a hill side.

The cost of mining per ton has been running around \$3.50 Delivering to mill cost is 2.15 per ton the hauling distance from mine to mill is 4 1/2 miles.

I should be able to mine cheaper with proper equipment

Yes I have a promise for a market for all the ore that I can ship from the property I am mining on. Also a better price per ton than I have been receiving.

The Indian Metals Company promised to buy all that I can ship from this mine as long as I can ship anywhere as near the grade I have been shipping.

I can get a market at Deming and Silver City also. The market is no object the price has been somewhat lower than it should be as you will note. We hope for and are looking for the price to advance in the near future.

(3)

about sinking a new shaft the reason for doing so is the veins are together where I would sink the new shaft and shows on the surface to be about 12 feet wide the formation also shows a better grade of ore -

I trust that this ~~statement~~ ~~information~~
will give a clear description
of what is required.

Very Truly Yours

J. D. Stott

P.S. You would to know if I intend to
work any of the tunnels.

Yes I think it would be a good
idea to work one of them as this can
be done without interfering with work
at other parts of the workings.

Duncan, Ariz.
Box 94
April 21, 1943

Department of Mineral Resources
Phoenix, Arizona

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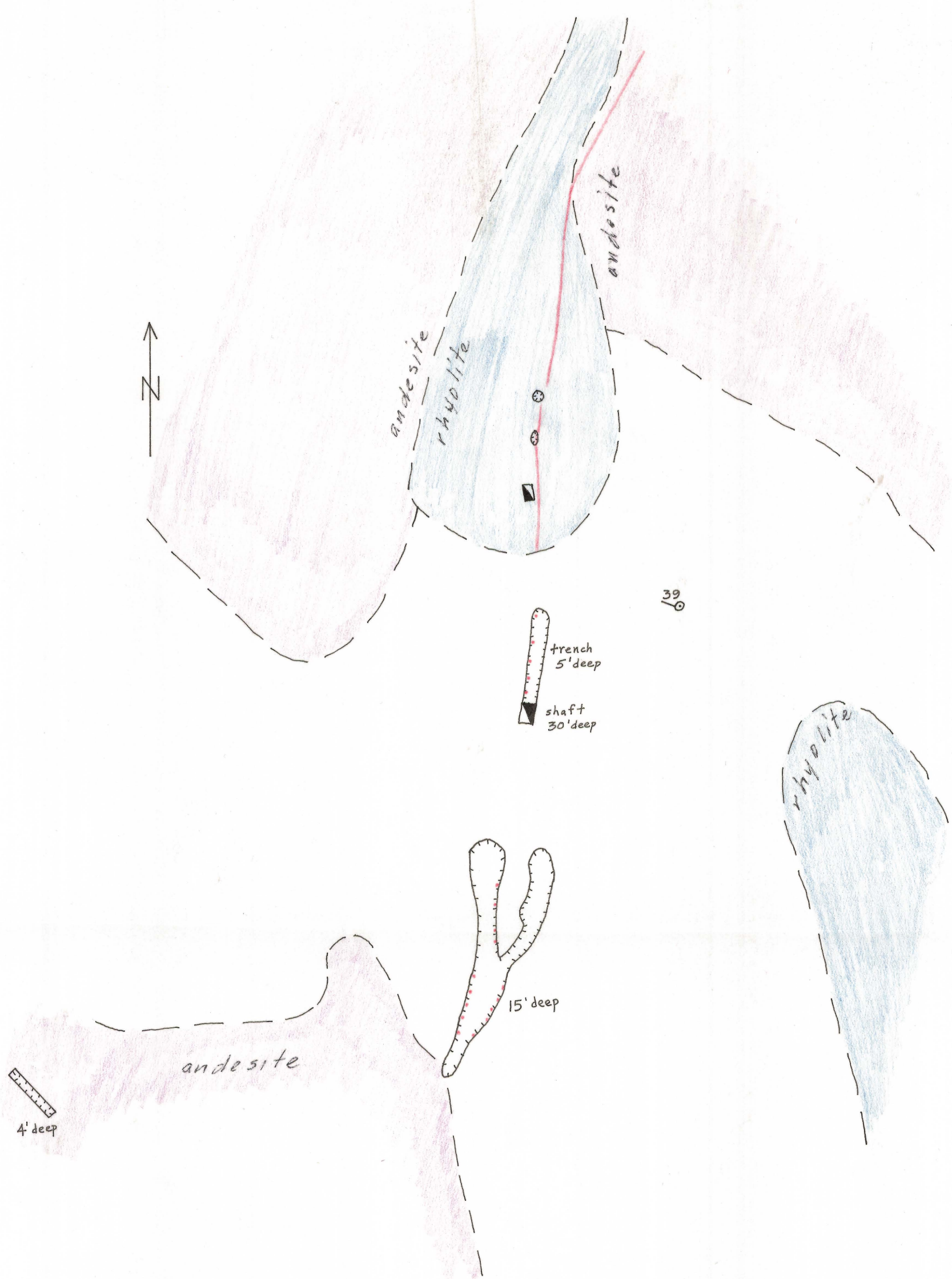
Very truly yours,

(Signed) J. D. STOTTS

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COPY



PHILLIPS OR GOAT CAMP MINE

NW 1/4 SEC 15, T7S, R32E
GREENLEE COUNTY, ARIZ.

3-28-75

WCH

0 25 50 75 100
Scale (feet)

ROCK TYPES

RHYOLITE

ANDESITE

TUFF

CaF₂

