LOBO #9

30 So. Main St.
P. O. Box 1888

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0813

Certificate No. 30 607 Tucson, Arizona, Oct 10th, 1953

Sample Submitted by Mr. S S Williams

MATERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Zinc Per cent Wet Assay
137137	L-F-9	Traces	$	0 7/10	Trace	0 03/100	0 21/100

* Gold Figured $35.00 per oz. Troy

Charges $ 5.50

Very respectfully,

Ben P Jacobs

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0813

DUPLICATE

Certificate No. 50217

Tucson, Arizona, March 18, 1953

Sample Submitted by Mr.

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Zinc Per cent Wet Assay
	RIQUEZA No. 24	Tr.	$	0.08	0.02	Traces	Traces
	" No 25	"		0.13	0.02	"	"
	" No. 26	"		—	0.04	—	—
	" No. 27	"		—	0.02	—	—
Certificate No 50204							
Dated Mar. 12, 1953							
	FORTUNA No. 2	Tr		0.07	Traces	Traces	Traces
	" No. 3	Tr		0.11	Tr	"	"
	" No. 4	Tr		0.14	0.02	"	"
	" No. 5	Tr		0.09	Tr	"	"

* Gold Figured $35.00 per oz. Troy

Charges $

Very respectfully,

BEN P. JACOBS

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

Certificate No. 50204 Tucson, Arizona, Mar. 12th, 1953

Sample Submitted by Mr. S S Williams

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Zinc Per cent Wet Assay
			$				
134778	Fortuna # 2	Traces		0.07	Trace	Trace	Trace
79	3	"		0.11	"	"	"
80	4	"		0.14	0.02	"	"
81	5	"		0.09	Trace	"	"
82	22-1- 30-40	"		0.06	"	"	"
83	" 40-50	—	—	—	"	—	—
84	" 55-60	—	—	—	"	—	—
85	" 65-70	—	—	—	"	—	—
86	" 75-80	—	—	—	"	—	—

* Gold Figured $35.00 per oz. Troy

Charges $ 3.25

Very respectfully,

Ben P Jacobs

E. A. JAC[illegible], SR.
PHONE [illegible]28

BEN P. JACOBS
PHONE 2-1438

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

30 SOUTH MAIN ST. P. O. BOX 1889
TUCSON, ARIZONA

Feb-28-1953

Mr. S.S.Williams
Tucson, Arizona

Assaying

Feb-16	----------	$ 8.00
19	----------	26.25
20	----------	8.75
		$ 43.00

Assay charges for surface samples taken in east and central area of FRANCO-RIQUEZA property.

Jacobs assay office paid by Valley Nat'l check No. 340, March 2, 1953

Seton S. Williams

Seton S. Williams, Geologist

ALL SAMPLES ASSAYED IN DUPLICATE. WE DO NOT QUOTE ON SINGLE WORK.

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0813

Certificate No. 50168 Tucson, Arizona, Feb 20, 1953

Sample Submitted by Mr. S S Williams

SERIAL	SAMPLE MARKED	GOLD Ozs. per ~~ton~~ ore	GOLD Value per ~~ton~~ ore	SILVER Ozs. per ~~ton~~ ore	COPPER Per cent Wet Assay	LEAD ~~Per cent~~ Wet Assay	~~Per cent~~ Wet Assay
			$				
134626	6-4-15				Trace		
27	15-25				"		
28	25-35				"		
29	35-45				"		
30	45-55				"		
31	55-65				"		
32	65-75				"		

* Gold Figured $35.00 per oz. Troy

Charges $ 8.75

Very respectfully,

Ben S. Jacobs

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

Certificate No. 50166 Tucson, Arizona, Feb 19th, 1953

Sample Submitted by Mr. S. S. Williams

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Zinc Per cent Wet Assay
			$				
134616	13-1				Traces	—	Traces
17	13-2				Traces	—	Traces
18	14-1				Traces	Traces	Traces
19	14-2				Traces	—	Traces
20	15-1				Traces	—	Traces
21	15-2				Traces	—	Traces
22	14-3				Traces	—	Traces
23	23-1				Traces	Traces	Traces
24	23-2				Traces	Traces	Traces

* Gold Figured $35.00 per oz. Troy

Charges $ 26.25

Very respectfully,

Ben P. Jacobs

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

DUPLICATE

Certificate No. 50158

Tucson, Arizona, Feb 16th, 1953

Sample Submitted by Mr. S. S. Williams

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Zinc Per cent Wet Assay
134590	6-5		$		Trace	Trace	Trace
91	6-4				Trace	Trace	Trace

* Gold Figured $35.00 per oz. Troy

Charges $ 8.00

Very respectfully,

Ben P. Jacobs

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

Certificate No. 50158

Tucson, Arizona, Feb 16th, 1953

Sample Submitted by Mr. S. S. Williams

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Zinc Per cent Wet Assay
134590	6-5	—	$ —	—	Trace	Trace	Trace
91	6-4	—	—	—	Trace	Trace	Trace

* Gold Figured $35.00 per oz. Troy

Charges $ 8.00

Very respectfully,

Ben P. Jacobs

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0813

DUPLICATE

Certificate No. 49939

Tucson, Arizona, Oct 28th, 1952

Sample Submitted by Mr. Victor H Verity by Mr S S Williams

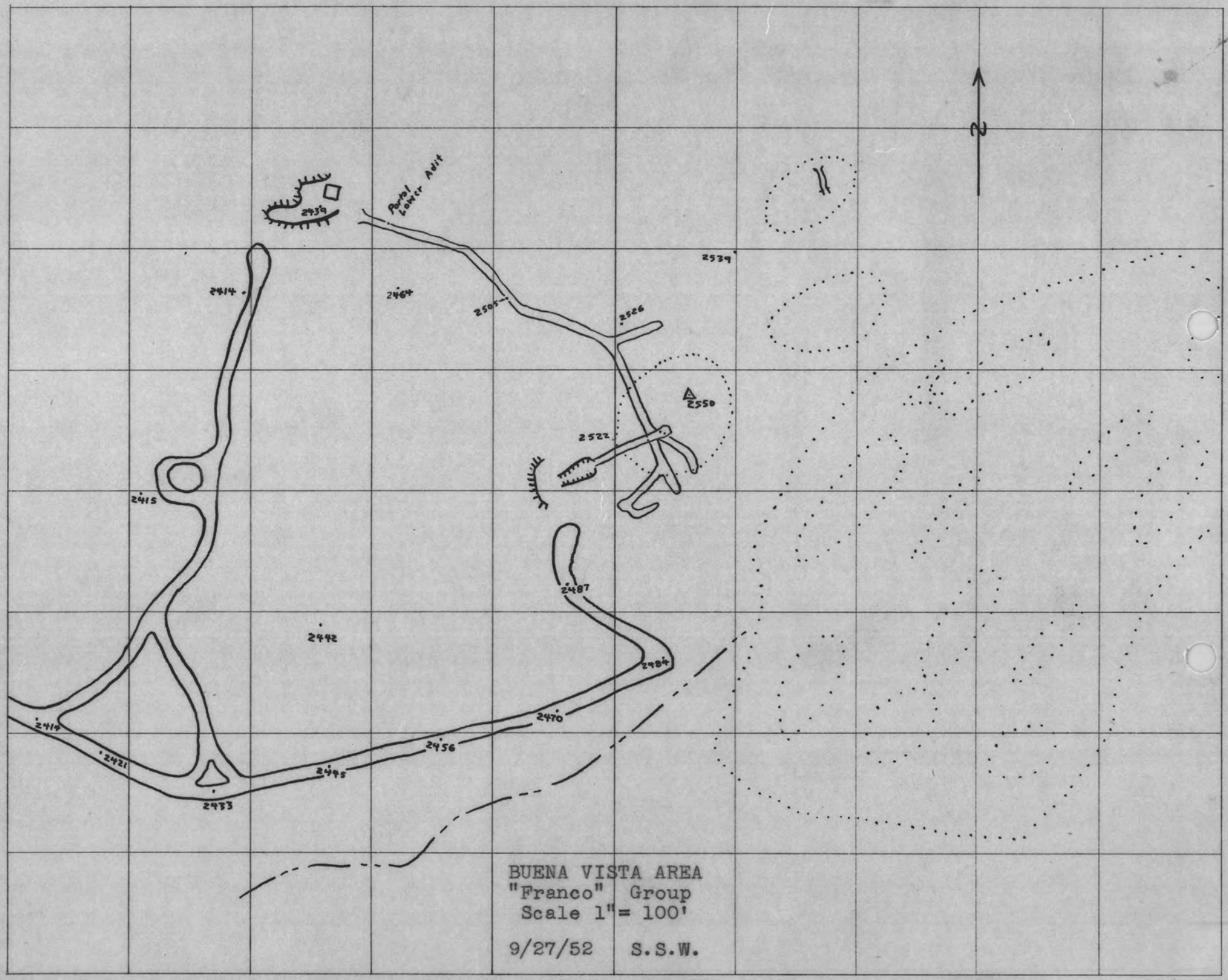
SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Per cent Wet Assay
			$				
133638	Rig 22	Trace		0 1/10	Trace		
39	23	0.005		0 2/10	Trace		
40	23 (b)				Trace		

* Gold Figured $35.00 per oz. Troy

Charges $ 6 75

Very respectfully,

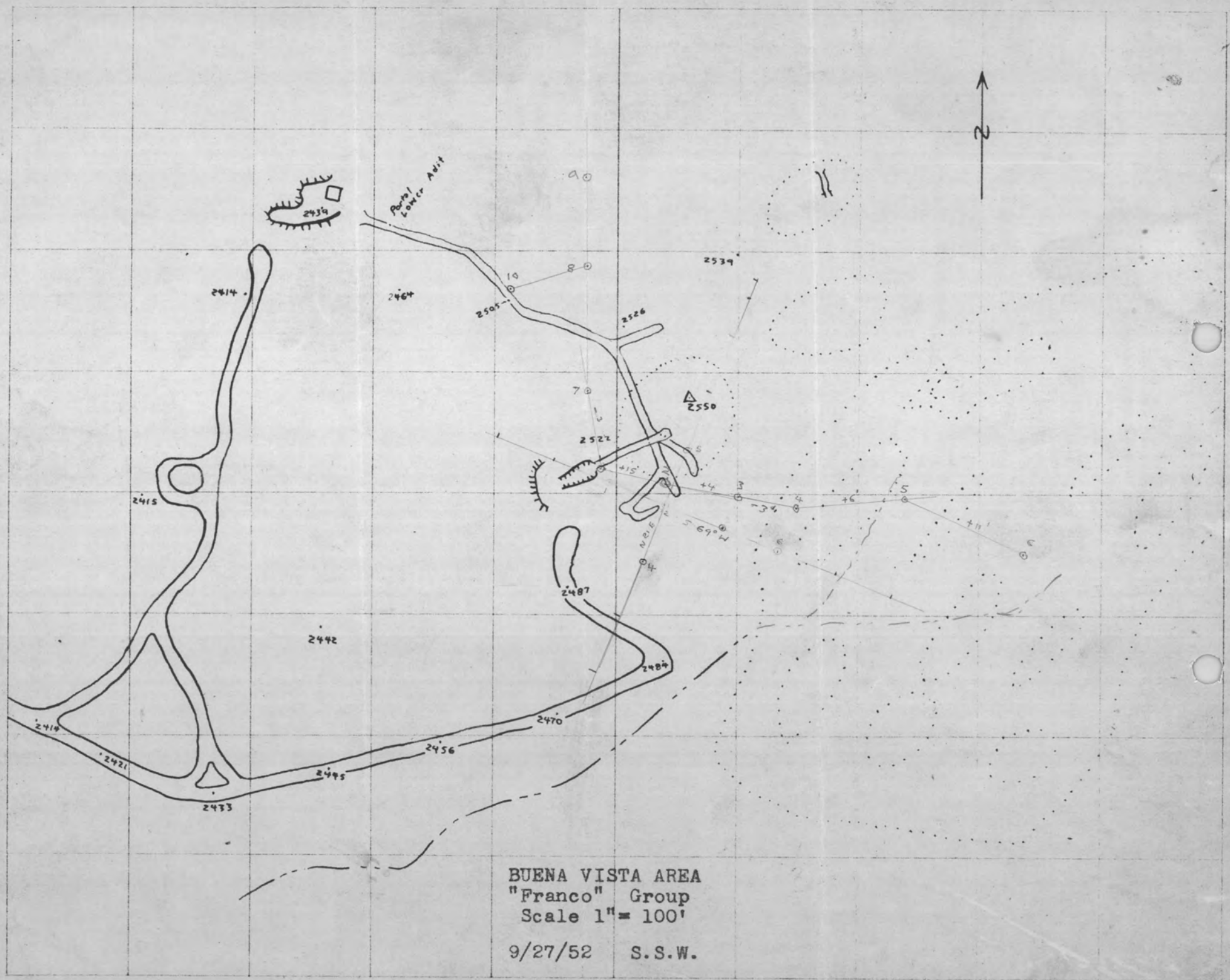
Ben P. Jacobs



BUENA VISTA AREA
"Franco" Group
Scale 1" = 100'

9/27/52 S.S.W.

"ALBANENE" No. 195M K & E CO., N. Y. REG.U.S.PAT.OFF.



BUENA VISTA AREA
"Franco" Group
Scale 1" = 100'

9/27/52 S.S.W.

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

DUPLICATE

Certificate No. 49690 Tucson, Arizona, June 27th, 1952

Sample Submitted by Mr. Victor H Verity by Mr S.S. Williams

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Per cent Wet Assay
			$				
132069	Esp. 4-15			0.5	0.03	0.04	
70	15-25			0.4	0.05	0.05	
71	25-35			0.4	0.03	0.04	
72	35-45			0.3	0.04	0.03	
73	45-55			0.3	0.03	0.04	
74	55-65			0.4	0.04	0.03	
75	65-75			0.4	0.05	0.04	
76	M.S. 4-15			0.5	0.04	0.03	
77	15-25			0.2	0.04	0.03	
78	25-35			0.3	0.05	0.04	
79	35-45			0.5	0.04	0.03	
80	45-55			0.3	0.03	0.03	
81	55-65			0.5	0.03	0.04	
82	65-75			0.3	0.03	0.04	
83	Franco CC.#1			0.2	0.03	0.03	

* Gold Figured $35.00 per oz. Troy

Charges $ 56.25

Very respectfully,

Ben P. Jacobs

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

DUPLICATE

Certificate No. 49471

Tucson, Arizona, Mar 29th, 1952

Sample Submitted by Mr. Victor H Verity 2307 E Waverly

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	X Per cent Wet Assay
131219	Riqueza #16	—	$ —	0 3/10	0.04	0.06	
20	17	—	—	0 2/10	0.04	0.03	
21	18	—	—	0 3/10	0.02	0.02	
22	19	Trace		0 2/10	0.02	0.05	
23	20	0.005	0.17	0 3/10	0.03	0.03	
24	21	—	—	0 3/10	0.03	0.06	
25	Pinta	0.005	0.17	0 5/10	0.05	0.08	

* Gold Figured $35.00 per oz. Troy

Charges $ 27.00

Very respectfully,

Ben P. Jacobs

SILVER-LEAD GROUP
Silver Bell Mining District
Pima County, Arizona

Location. The property is located in the Silver Bell Mining District, Pima County, Arizona, about 50 miles by road northwest of Tucson. In more detail,it occupies much of sections 22,23,24,25,26, and 27, Township 11 South, Range 8 East, G&SRB&M.

It is reached by automobile via 35 miles of excellent paved highway to Red Rock, thence over 15 miles of gravel road built mainly on the old railroad grade leading into the old Silver Bell mines.

Property. The Silver-Lead Group is comprised of 31 lode mining claims which cover most of Ragged Mountain and the slopes surrounding it.

Nearby Properties. The Imperial and El Tiro mines, marking the heart of the Silver Bell District (value of total past production estimated at $15,746,000.00) lie about two miles southwest of the Silver-Lead Group. The site of the American Smelting & Refining Company's proposed new open pit copper mine (scheduled to produce 36,000,000 pounds of copper annually for 12 years) is about three miles southeast of the Silver-Lead Group.

History. The writer knows little regarding the history of the "Franco" Group, comprised of the six original claims at the southwest extremity of the present Silver-Lead Group. These claims were located in 1935 and a small mine, containing roughly six hundred linear feet of workings, was developed on the Buena Vista claim. The dumps show galena, sphalerite, and chalcopyrite occurring in isolated gobs or short stringers in latite porphyry, plus considerable disseminated fresh pyrite.

Geology of the "Franco" Group. In his report on the "Franco" Group dated September 16, 1950, T. A. Dodge summarizes the geology as follows:

> "Recapitulation of Igneous Geology. I postulate the following sequence of events: a complex rock, which I shall call a latite porphyry, came up through granite, from which it may or may not have been a differentiate, and solidified close to the surface in a stock several thousand feet in diameter. A first stage of dike injection resulted in large, irregular dikes of

trachyte porphyry. A second stage of dike injection brought in small, cigar-shaped dikes of fine-grained latite porphyry. Erosion removed the roof rock, and a rhyolite flow covered the country. Then a latite magma cut up through the complex and spread out as a sill under the rhyolite. As already mentioned, other sequences of events are equally probable ...

Economic Geology: The alteration and the mineralization may have come in between the first and second dike stages. The fine, green latite porphyry of the second stage contains some pyrite in the mine but is too fresh to have been present during the main alteration and mineralization. Varying degrees of alteration affected all of the rocks of the complex (except the dikes of the second stage), the most favorable rock for alteration being the regular latite porphyry, in which local masses were highly altered by silica, sericite, and kaolin, and other masses were very slightly altered. The mineralization was contemporaneous with the alteration or followed it. In the area of the lower adit sphalerite, galena, and chalcopyrite deposited in the latite porphyry as isolated gobs and short stringers. Outside is an aureole of fine disseminated pyrite. The fine-grained latite porphyry dike in the lower adit is weakly mineralized by disseminated pyrite, but there is no gob mineralization of zinc-lead-copper in it. The presence of the pyrite may be of no particular significance as pyrite is an ubiquitous mineral. Outside of the lower adit we can only surmise as to the presence of commercial metals, but there are numerous areas of substantial size showing strong iron oxide on the surface... "

The Riqueza Group. Due perhaps to rough terrain and inaccessibility from the old Silver Bell road, or perhaps because of the wide distribution of rhyolitic erosional debris which covers much of the slope, the north side of Ragged Mountain has attracted little attention in the past. Early this year, however, the writer's Jeep, aided by a timber saw and a machete, navigated south from the Silver Bell road to the foot of the mountain. The surface indicated attractive possibilities of a major ore body at depth, and in July the first Riqueza claims were added to the Silver-Lead Group.

Extreme desert summer heat conditions prevailed during the days when location work on the Riqueza claims was in progress, with the result that no detailed geologic mapping was attempted,

and all claims were located on the basis of favorable surface indications which were observed but not always mapped. These favorable indications included:

1. An igneous stock exhibiting widespread maroon to seal brown oxidation below the thick, conspicuous rhyolite flow which rides over it and furnishes a wide spread talus blanket on the mountain slopes.

2. Exposures showing abundant, closely spaced, quartz-filled breaks.

3. Areas of thorough leaching centered around large iron-stained quartz cores (most prominent on the high north-central slope of the mountain).

4. Large ribs of iron-stained quartz on the northeast slopes.

5. An extensive area of heavy manganese stain on the east slope of the mountain.

6. Epidote mineralization encountered in discovery cuts.

7. Wide distribution of silver and lead mineralization (determined from routine sampling for legal purposes of each completed location cut).

8. Occasional specimens of float carrying copper oxide mineralization, encountered during claim survey work.

9. Several rock specimens carrying chrysocolla found in the dump of an old prospect pit on the Pinta claim. This pit was cut in a quartz vein similar to several found in the eastern part of the Riqueza Group.

I feel that these surface indications, found in a district already proven to be highly mineralized, warrant further exploration.

REGISTERED GEOLOGIST
CERTIFICATE EXPIRES
SETON S. WILLIAMS
DEC. 31, 19
ARIZONA, U.S.A.

Respectfully submitted,

S. S. W.

Seton S. Williams

Tucson, Arizona
January 12,1952

Dear Vi

Please glance thru these pictures. One - wrapped carefully in Kleenex with a rough tracing showing some geology - appears worth enlarging to 8x10 color for Mr. Adams trip east. It shows the E. side of Ragged Mtn., looking almost due W, and was taken from a point ± 1 mile E of the property about 1500 ft. above the ground.

In view of weather conditions during the flight, I am pleasantly amazed that we got any photographic results.

S.S.W.

NATRACOLOR DEALER:

PHOTOCENTER

2360 East Broadway Tucson, Arizona

№ 76006

RECEIVED
DEC 31 1951
NATRACOLOR LABS

JAN 2
~~1 3 52~~

Customer S.S. Williams Date 12-31-51

Street

City State 2-4112

MAIL ☐ WILL CALL ☐ Date Promised 6-1486

COLOR FILM PROCESSING

35 mm FILM SHOULD BE MOUNTED ☐ ANSCO - - - - ☑

DEVELOP ONLY ☑ UNMOUNTED ☐ EKTACHROME ☐

No. of Films	Size	Unit Price	Amount
1	620		1.00
			02
			1.02

DEVELOP & PRINT ONE EACH ☐

NATRACOLOR PRINTS

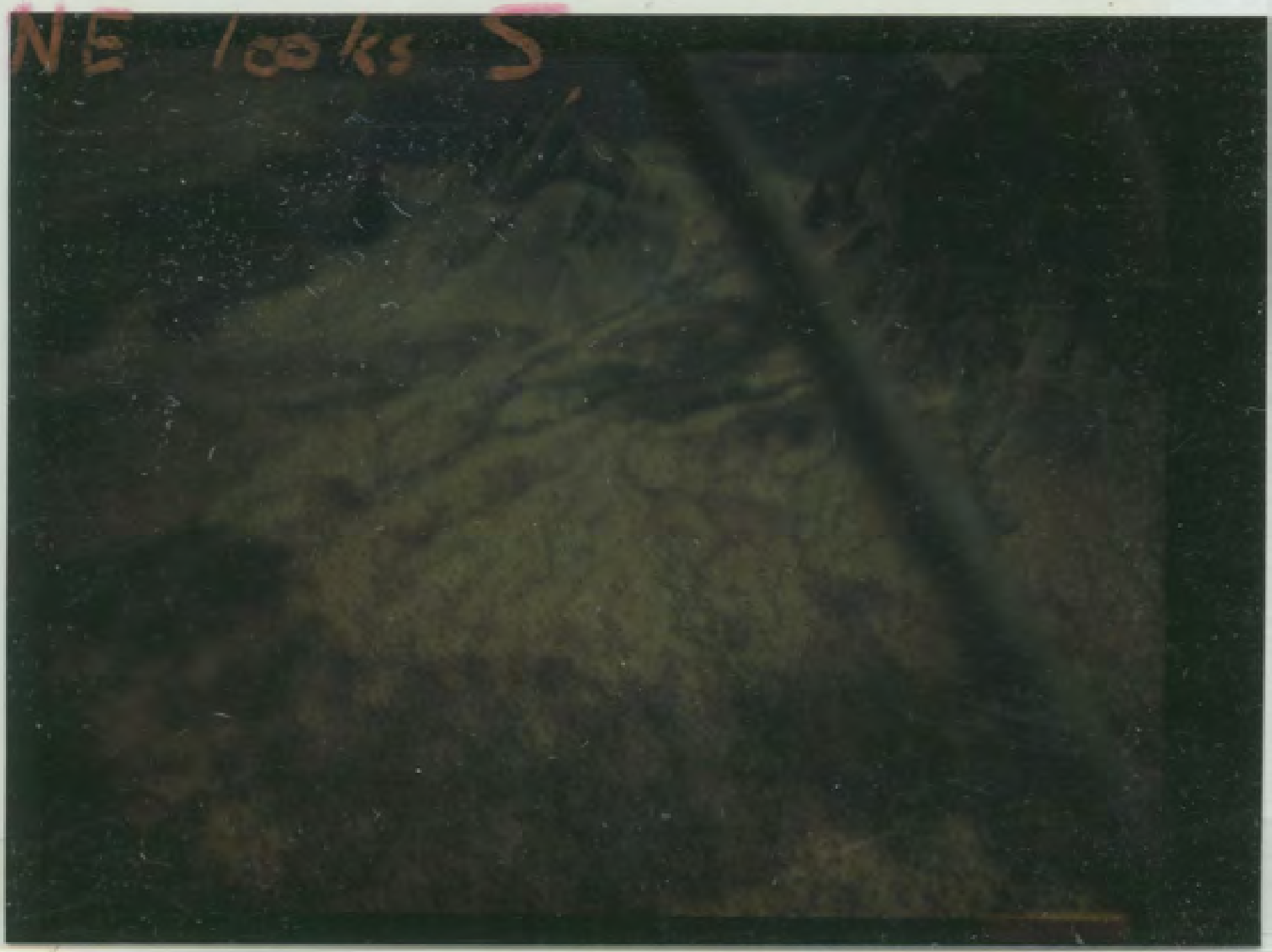
No. Films	Film Size	No. Prints Ea.	Print Size	Mtd.	Unmt.	Die Cut	Price	

AUTHORIZED Ansco color finisher

NATRACOLOR Laboratories INCORPORATED

SALES TAX

TOTAL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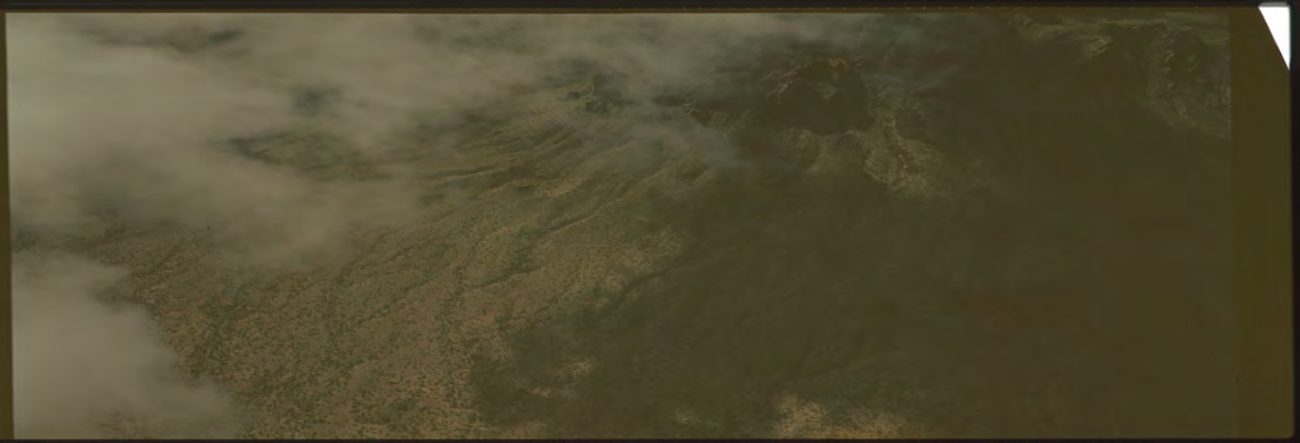

19. Cg porph. trachyte, weathered, jointed, locally silicified (200' S of N ⅞ #19)

#19 Loc. mon. in area of coarse gr porphyritic trachyte? or granite, which has been sheared, jointed, veinlets heavy some dark some bright red FeOx. Main rock similar to that in parking area N of #4

20. Fine gr. dull-purple diorite? sill, above leached gr and below heavy qtz outcrop at com S cor 13+19

21. Location monument at wash in unmineralized volcanics

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0813

DUPLICATE

Certificate No. 49211

Tucson, Arizona, Dec 20th, 1951

Sample Submitted by Mr. Victor Verity. By Mr SS Williams

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Per cent Wet Assay
130414	Rg Sp. 2- (20)	0.005	$ 0.17	0.17	—	0.12	
415	" " 3- (20)	Traces		0.11	—	0.08	
416	" " 4 (13-14)	Traces		0.13	—	0.11	

* Gold Figured $35.00 per oz. Troy

Charges $ 8.25

Very respectfully,

Ben P Jacobs

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0813

DUPLICATE

Certificate No. 49209

Tucson, Arizona, Dec 20th, 195.

Sample Submitted by Mr. T. A. Dodge - Ores

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	..... Per cent Wet Assay
			$				
130412	Bales #1	—	—	—	—	0 86/100	—
	(WO_3 Conc)						
	re-sample						

* Gold Figured $35.00 per oz. Troy

Charges $ 2.00

Very respectfully,

Ben P. Jacobs

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0813

DUPLICATE

Certificate No. 49178

Tucson, Arizona, Dec 11th, 1951

Sample Submitted by Mr. Victor Verity By mr S S Williams

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	X Per cent Wet Assay
130306	#8 Riqueza	0.005	$ 0.17	0.15		0.11	
307	9	0.005	0.17	0.20		0.17	
308	10	Trace		0.10		0.14	
309	11	Trace		0.10		0.12	
310	12	Trace		0.10		0.09	
311	13	0.005	0.17	0.15		0.11	
312	14	0.005	0.17	0.15		0.15	
313	15	Trace		0.10		0.08	
314	S.P. 1	0.02	0.70	0.50		1.25	

* Gold Figured $35.00 per oz. Troy

Charges $ 24.75

Very respectfully,

Ben P. Jacobs

30 S. Main St.
P.O. Box 1889

JACOBS ASSAY OFFICE
Registered Assayers

Phone 2-0813

Certificate No. 49178

Tucson, Arizona, Dec. 11th, 1951

Sample Submitted by Mr. Victor H. Verity By Mr. S.S. Williams

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore✗	SILVER Ozs. per ton ore	LEAD Per cent Wet Assay
130306	#8 Riqueza	0005	017	015	011
307	9	0005	017	020	017
308	10	Trace		010	014
309	11	Trace		010	012
310	12	Trace		010	009
311	13	0005	017	015	011
312	14	0005	017	015	015
313	15	Trace		010	008
314	S.P.1	002	070	050	125

✗ Gold Figures $35.00 per oz. Troy

Charges $24.75

Very respectfully,

s/ Ben P. Jacobs

30 So. Main St.
P. O. Box 1889

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0813

DUPLICATE

Certificate No. 48911

Tucson, Arizona, Aug 18th, 1951

Sample Submitted by Mr. Victor Verity - By SS Williams

SERIAL	SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	..... Per cent Wet Assay
			$				
129452	Riqueza #1	—	—	0 2/10	Trace	0 2/10	
53	" 2	—	—	0 2/10	Trace	0 3/10	
54	" 3	—	—	0 3/10	Trace	0 2/10	
55	" 4	—	—	0 3/10	Trace	0 3/10	
56	" 5	—	—	0 2/10	Trace	0 3/10	
57	" 6	—	—	0 3/10	Trace	0 3/10	
58	" 7	—	—	0 2/10	Trace	0 3/10	

* Gold Figured $35.00 per oz. Troy

Charges $ 36.25

Very respectfully,

Ben P. Jacobs

Fortuna - Reyuna

Dec. 3, 1941 Metallurgical Report Ore No. 753, University of Arizona
Test run on waste rock ~~carrying~~ with disseminated pyrite. Au 0.003 oz/ton Ag 0.29 oz/ton.
A flotation test was made which saved almost all of the gold and 61.5% of the silver. Total concentrate 4.4%. Commercial values appear to be with galena, sphalerite & chalcopyrite.

July 11, 1940
Verity letter to Mr. Adams - Reports that some values (Au & Ag) found between portal and slip in ~~intermediate adit~~ the upper tunnel. Sorted high grade are assayed

Au	0.33	oz/ton
Ag	16.3	oz/ton
Pb	28.9	%
Cu	1.32	%
Zn	26.4	%

Sept. 25, 1941
~~Hayden~~ A.S.& R. Hayden Plant assay certificate
Hand sample

Au	0.05	oz/ton	Bottom of winze in intermediate adit.	
Ag	1.32	oz/ton		
Cu	0.10	%	Zn	3.0 %
Pb	3.5	%	Sul	6.3 %
Ins	71.2	%	Al_2O_3	12.7 %
SiO_2	53.0	%		
Fe	4.3	%		
CaO	1.8	%		

Nov. 1940 Assay over face of tunnel 5'x7'. Sample one cement sacks full

Au	0.04	oz
Ag	1.8	oz
Zn	4.89	%
Pb	4.90	%
Cu	1.32	%

Prior to June 12, 1940
Date?
Mr. Daily pushed wheel barrow along lower tunnel breaking ore and taking samples from slip to face over 20 ft.

Au	0.10	oz
Ag	1.0	oz
Pb	1%	(about)

Dear Sir,

Received your letter & am sure glad to Hear from you as I lost your address.

No I havent used it since we came down from our claim It went on the Blink & I havent heard from any Body.

I sure do want to use it as I've got alot a ground to Cover. & it sure looks good to me.

Shall I send it to you for repair or have you got another you'll lend me?

P.S. I've got a Good freind who has a air Plane too. we have Been up twice just for Kicks.

Well allen I'll wait till I hear from you.

Sincerly Yours
Bob C. Justus

Sept 9, 1940 - Greenwood sample mailed from entire face of lower (Intermediate adit) tunnel in August, 1940

Au	0.04 oz/ton
Ag	1.8 oz/ton
Pb	4.9 %
Cu	1.05 %
Zn	4.3 %

Prior to Sept. 9, 1940

Date? Proposed settlement sheet from A.S.&R (El Paso) based on sample of high grade ore from ~~upper adit~~ intermediate adit.

Au	0.33 oz/ton		
Ag	16.3 oz/ton		
Pb	28.9 %	Zn	26.4 %
Cu	1.32 %	Sul.	21.0 %
Insol	6.4 %		
Fe	4.5 %		
CaO	5.9 %		

Prior to Sept. 9, 1940

Date? High grade sample - Montana Mine Assay Office

Au	0.08 oz/ton
Ag	5.2 oz/ton
Pb	11.6 %
Zn	18.3 %
Cu	6.0 %

5202 East 16th St.
Tucson, Arizona
February 1, 1956

Mr. Robert C. Justus
% Public Service Power Co.
Camp Verde, Arizona

Dear Bob:

Please send the geiger counter to me and insure it for $100.00. I do not have another one to loan, but will get yours back to you as soon as possible.

Sincerely yours,

Allen M. Rugg, Jr.

Shipments to Eagle Picher Mining & Smelting Company
Sahuarita Mill

Shipper Lot	Mill Lot	Date	Net dry Wt. lbs.	oz Au	oz Ag	% Pb	% Zn	% Cu
1	1178	Dec., 1948	103,208	.015	2.4	4.2	2.32	1.08
2	1203	March 1949	54,253	.01	2.3	3.7	2.3	1.27

Above shipments came from stope at end of lower adit

April 20, 1950

Dumpassay High grade

Au 0.06 oz, Ag 6.8 oz, Cu 3.85%, Pb 12.6%, Zn 12.1%

Jan. 10, 1951.

	Au	Ag	Cu
Addition Discovery	0.005 oz	0.5 oz	0.06
Mt. side discovery cut	T	0.2 oz	T
Silver Lead discovery cut	T	0.2 oz	T

Jan 24, 1951

	Au	Ag
Josephine	T	0.3 oz
Tunaja	T	0.2
Suerte	T	0.2
Fortuna	T	0.3
Esperanza	T	0.2
Mtn. Side	T	0.2
Silver Lead	T	0.2

Arizona Boy's Ranch

RT. 1, BOX 17A
QUEEN CREEK, ARIZONA
TEL. YU 8-1161

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SUPERINTENDENT
Wendell R. Newell

September 18, 1956

Mr. A. M. Rugg, Jr.
5202 East 16th Street
Tucson, Arizona

Dear Mr. Rugg:

Thanks for your recent $7.00 in the Buck-A-Month Club. It is the continued interest and support of people like you which keeps Arizona Boys Ranch going.

The latch string is always out here on the ranch, and we would like to have you drop in any time you are in this area.

Sincerely,

Wendell R. Newell

Wendell R. Newell, Sup't.
ARIZONA BOYS RANCH

WRN/j

"WHERE BOYS WITH PROBLEMS BECOME YOUNG MEN WITH PROMISE"

THEODORE A. DODGE

403 North Third Avenue
Tucson, Arizona
September 16, 1950

Mr. Robert M. Adams
1205 Fidelity Bldg.
Duluth 2, Minnesota

FRANCO SILVER-LEAD GROUP

Pima County, Arizona

Dear Mr. Adams:

I shall not make this a complete report on this group of mining claims but shall merely discuss those aspects which are of present concern to you. Thus I shall omit from discussion any consideration of location, transportation, history, facilities, etc. which would normally go into a report on a mine written for someone not familiar with the general setup. Such considerations could easily be added later to make this a complete report if desired. Furthermore, to save time, I shall not devote much attention to careful organization of the report.

I spent ten full days in the field on the Franco Group. During this work much of my time was spent running tape-and-compass traverses to locate claim corners, but while I was doing this, I was at the same time taking notes on the geology, so although some of the geological problems were not worked out in detail, I had the opportunity to cover most of the ground on and near the claims, and I think no rock types or important structures escaped my attention. Of the ten days I spent a full day and a half mapping in detail the geology of the lower adit and the next higher adit [58' above], which I shall call here "the intermediate adit."

Accompanying this report are two maps. The large one shows the location of the six claims, important works of man, elevations of traverse stations [assuming the G. L. O. corner is 2300' (which is probably within 100' of correct)], the general features of the geology, and some suggested additional claims to stake out [marked on the map in pencil]. Three tie-ins on the traversing show the largest horizontal error of any point is probably not over forty feet, and the largest vertical error, not over twenty-five feet. The smaller map, showing the two lower adits, is probably more accurate, for a traverse tie-in, portal to portal, gave a horizontal error of three feet and a vertical error of two feet.

REGISTERED GEOLOGIST
CERTIFICATE EXPIRES
THEODORE
A. DODGE
DEC. 31, 1950
ARIZONA, U.S.A.

THEODORE A. DODGE

CONCLUSIONS:

My main conclusions as to the geology and economic possibilities are reserved for later in this report.

It should be recognized that development of a commercial producer on the Franco Silver-Lead Group is a considerable gamble, and exploration work should be done with that in mind. The nearest and most likely target should be explored first, and depending on what is found in the first work subsequent work should be laid out with caution and without stepping out too far. No large-scale exploration program should be planned until sufficiently encouraging preliminary work has been completed and carefully analyzed.

Small-scale work could probably safely be done without acquiring any additional ground, but any considerable underground exploration, or any drilling at all, probably should not be started without staking out three additional claims east and north of the Buena Vista and Mountain Side [in about the position of nos. 1, 2, and 3 shown in pencil on the map]. This would cover the open ground closest to the favorable mineralization and over the rhyolite-latite cap which conceals what might be of interest in this direction. More ground could be covered if desired [pencil claims 4 & 5], but this appears less important. No other ground appears of interest unless a really important deposit is developed.

Omitting from consideration factors, both known and unknown to me, influencing you to favor drilling for the initial exploration of the Franco, I believe that the most logical, economical, and straightforward way to start exploration of the Franco is to sample thoroughly, with a jackhammer if necessary, the workings in mineralization in the lower and intermediate adits. If the sampling results showed that the average of the best mineralization ran less than one per cent combined zinc-lead-copper, one would seriously question the advisability of further exploration. If the combined assay were between one and two per cent, further exploration would depend on your willingness to take a very decided gamble. A combined assay of over two per cent would encourage one to drill in the hope of developing large tonnages of rock running better than that.

Because of the extremely spotty nature of the sulphide in the mineralized masses and because of the spotty nature of the mineralized masses in the country rock, many holes will be needed to prove up any sizable tonnage of ore. One lean hole will mean little; one good hole will mean little. At best it will be a Sisyphean task and an expensive one.

If drilling is done, I should suggest that it all be

done from surface. The first hole should be in the best mineralization as now known and should be vertical or fairly steep, but the exact location is not too important. It should penetrate at least fifty feet past the apparent end of interesting mineralization unless this involves excessive total depth. Two or three holes, preferably parallel, should be drilled through this immediate mineralization not much over fifty feet apart. If they are discouraging, exploration can be stopped unless it is desired to have a try at some other area of favorable-looking iron mineralization exposed on the surface. If the holes are encouraging, further holes should be drilled, moving outward, to gain further knowledge as to the size and grade of the shoot. From there other areas of interest should be drilled.

Careful sludge samples should be taken throughout the drilling, but it should be remembered that any prospective buyer will pay little attention to sludge assays, no matter what assurance he has that the sludge samples were well taken, so the core is of prime importance. It should be carefully split with a regular core splitter and carefully boxed and labeled.

GEOLOGY:

There are four fairly well defined lithologic units in the area:

1) Granite, either Post-Cambrian intrusive or Pre-Cambrian basement, I should guess the former, a mile north of the northwest corner of the Silver-Lead claim. This is the only place I observed granite, and I did not consider it of sufficient importance for this study to look for other outcrops or for contacts. It is neither a bad sign nor a good sign.

2) A fresh pink rhyolite cap [presumably Cretaceous-Tertiary] several hundred feet thick on top of Ragged Mountain, now called "Sawtooth Peak" [not to be confused with the Sawtooth Range several miles to the northwest]. It sits on top of everything else in the immediate vicinity and is of little significance except that it covers up the underlying rocks which we might want to look at.

3) A latite flow or sill a hundred or more feet thick immediately under the rhyolite. The structural relationship of this rock is less certain than that of the overlying rhyolite, but to avoid confusion in this discussion and many extra pages of manuscript, I shall be somewhat arbitrary and say that it is 1) a rock similar to the volcanic-like complex (#4) beneath it but finer grained and less porphyritic, 2)

apparently a fairly horizontal sheet probably fed by dikes of the same material which cut up through the complex (#4) and spread out on the surface as a flow, or under the rhyolite [or other rock now removed] as a sill. One such apparent feeder can be traced near the northeast corner of Buena Vista from a dike(?) five feet wide up the mountain in a widening mass into the horizontal latite bed. The top of the latite is probably fairly even; the bottom is very irregular. The latite bed could have been there first, and the underlying complex (#4) intrusive into it, but I prefer the former interpretation, and in either event I believe it will not be found to have any commercial mineralization in it. In the field it is seen as a dead-looking, brown, tabular mass of rock under the rhyolite, and like the rhyolite is a cover over the rocks of interest below.

Thus we have a rhyolite-on-latite cap resting on top of the complex of rocks in which we are interested, this in turn either resting at depth on granite or cutting up through granite.

4) A volcanic-like complex. This is a mass of rocks, mostly porphyritic, which contains the mineralization. Seven thin-sections of various of these rocks have been made and studied carefully under the microscope by John Anthony, Arizona State Mineralogist. The exact naming of any of these is difficult because of fairly strong alteration of even the freshest-looking specimens, and whether they are volcanics, intrusives, or both is indeterminate, but I am considering them intrusives because most of them are coarsely and abundantly porphyritic, flow banding is spotty, steep, and in various directions, and there is little field evidence to suggest flows. There is little strong evidence either way, however.

All of the rocks of this complex are porphyritic, with fine-grained groundmass and few to many phenocrysts.

The rocks of the volcanic-like complex grade from one type into the next, and classification is rather arbitrary, but because several apparently distinct types can be recognized in the field, I'll list them here with an abbreviated description:

a) Quartz Latite Porphyry: No thin-section made. Abundant orthoclase, plagioclase, and quartz phenocrysts, some biotite and hornblende phenocrysts in a fine groundmass. At first glance looks like a granite or monzonite. Observed only south of Addition claim.

b) Latite Porphyry: Three thin-sections. Less orthoclase and less quartz than #a. Abundant hornblende in groundmass and as phenocrysts. Magnetite altering to hematite 1%. In places weakly schistose and fine grained. A specimen from the mineralized zone of the intermediate adit shows no magnetite, but does show pyrite, which may have replaced all of the magnetite. Most abundant rock of complex and occurs on and near all claims.

THEODORE A. DODGE

c) Trachyte Porphyry: One thin-section. Chief differences between this rock and #b are more orthoclase, less plagioclase, less quartz, and flow orientation of the tiny feldspar laths in the groundmass. Magnetite, coarse to fine, is present up to 5%. This rock in hand specimen looks very different from numbers a and b. In #c the fine groundmass is immediately apparent to the naked eye, probably because of the lower number of quartz phenocrysts, while nos. a & b have somewhat the appearance of an equigranular rock at first glance. #c is abundant on the claims but apparently not in as big masses as a and b.

d) Fine-Grained Latite Porphyry: One thin-section. In hand specimen this rock appears to have fewer phenocrysts and smaller phenocrysts than #b and is greenish in color. In thin-section, coarse plagioclase phenocrysts are seen, but there is less quartz than in #b. It is decidedly fresher than the other rocks except for more introduced calcite. In hand specimen it is somewhat similar in appearance to the latite of the sill except for color. This rock is apparently present only in small masses in the area covered by the claims.

Rock types a, b, c, and d, and their variants are very similar to each other petrographically and probably compositionally, and they are also very similar to the latite cap rock (sill), thin-section of which shows finer and fewer phenocrysts, more brown hornblende, and more flow structure.

Recognizing that more detailed work would alter the following interpretation, I tentatively suggest that the quartz latite porphyry (a) and the latite porphyry (b) intruded rocks not now present in the parts of the area I observed, either as a single intrusion, varying somewhat in texture and possibly in composition in different parts, or as separate intrusions. If the two types came in as separate small intrusions, the fine-grained groundmass of each type is more easily explained. If the rocks came in as one mass, the size of the resulting stock makes it difficult to explain the fine-grained groundmass unless the rock now exposed in the field lies very close to the original roof of the stock, and that roof in turn was thin and near surface at the time of intrusion.

No sharp contacts were observed between rock types a and b and the trachyte porphyry (c), but a reasonable explanation of the petrography and distribution of this rock (c) is that it came in as dikes cutting the other two. Good structural evidence on this point has not been found to date, however.

For simplicity of nomenclature and to facilitate this discussion, let us say that we have broad, irregular dikes of trachyte porphyry (c) cutting latite porphyry (a&b).

The southeast end of the lower adit cuts a couple of

THEODORE A. DODGE

feet into the green, fine-grained latite porphyry (d). This rock definitely intrudes the coarser latite porphyry (a&b) of the rest of the adit and is undoubtedly a dike, probably of small dimensions. Widely, though thinly scattered over all the claims are small bodies, commonly less than ten feet wide and twenty feet long, of green, fine-grained rock similar to #d. In the field I could not decide whether these were inclusions or dikes, but from their similarity to the dike exposed in the lower adit, I shall call them dikes.

Minor features of the geology include definite, though very small, inclusions of dark, very fine-grained latite(?), small spheroidal structures in places, some flow banding, etc.

Recapitulation of Igneous Geology: I postulate the following sequence of events: a complex rock, which I shall call a latite porphyry, came up through granite, from which it may or may not have been a differentiate, and solidified close to surface in a stock several thousand feet in diameter. A first stage of dike injection resulted in large, irregular dikes of trachyte porphyry. A second stage of dike injection brought in small, cigar-shaped dikes of fine-grained latite porphyry. Erosion removed the roof rock, and a rhyolite flow covered the country. Then a latite magma cut up through the complex and spread out as a sill under the rhyolite. As already mentioned, other sequences of events are equally probable, but I don't think this need be a major concern for us now. Much more work would be needed to prove anything definitely.

Economic Geology: The alteration and mineralization may have come in between the first and the second dike stages. The fine, green latite porphyry of the second stage contains some pyrite in the mine but is too fresh to have been present during the main alteration and mineralization. Varying degrees of alteration affected all of the rocks of the complex (except the dikes of the second stage), the most favorable rock for alteration being the regular latite porphyry, in which local masses were highly altered by silica, sericite, and kaolin, and other masses were very slightly altered. The mineralization was contemporaneous with the alteration or followed it. In the area of the lower adit sphalerite, galena, and chalcopyrite deposited in the latite porphyry as isolated gobs and short stringers. Outside is an aureole of fine disseminated pyrite. The fine-grained latite porphyry dike in the lower adit is weakly mineralized by disseminated pyrite, but there is no gob mineralization of zinc-lead-copper in it. The presence of the pyrite may be of no particular significance as pyrite is a ubiquitous mineral. Outside of the area of the lower adit

we can only surmise as to the presence of commercial metals, but there are numerous areas of substantial size showing strong iron oxide on the surface. In order to understand better what this iron oxide may signify, we should consider in some detail the known zinc-lead-copper mineralization in the lower adit.

Turning our attention to the enclosed map (1"=40') of the lower and intermediate adits, we see that the mineralization of interest is confined to an area at the end of the lower adit some sixty feet wide and more than seventy feet long [SW-NE]. How much longer it may be is not known, but the exposures in the intermediate adit, 58' above the lower adit, suggest that the mineralization ends some thirty feet to the southwest of the strong NW-SE slip. Toward the northeast the limits have not been found. Toward the southeast the zinc-lead-copper mineralization ends in the dike, but as the dike is probably narrow, it might continue on the other side of the dike.

The only good exposure in the lower adit, therefore, of a boundary of the mineralization is where the adit enters the mineralization on the northwest side. The surprising thing about this contact between the mineralized and unmineralized rock is the absence of any structural boundary or marked change in rock type. There is a weak fracture with very thin gouge on it at this contact, but it is no different from other weak fractures throughout the adit. The only difference in the rock in the mineralized area is that the feldspar phenocrysts are slightly more altered, and there are more inclusions of fine, dark latite(?).

The northwest-southeast fracture at the southwest end of the workings is decidedly stronger than any other in the adit and has some gouge along it. There has been some movement along it, but probably not much, and it dies out before reaching the adit near the portal. It may very well have acted as a feeder for mineralizing solutions. The other weak fractures in the mineralized area control the mineralization in places for distances of a few inches, but otherwise appear to be of no significance, and there do not appear to be more of these little fractures in the mineralized area than outside of it.

What few changes there are in rock type in the lower adit can best be discussed in relation to the mineralization by starting at the portal, where for the first 160 feet there is exposed typical massive, fresh-looking latite porphyry with a few small inclusions of dark rock. The porphyry is probably not as fresh as it looks in hand specimen, and it seems siliceous under the pick. Narrow seams of calcite are seen. About 160 feet from the portal the rock becomes more siliceous,

more bleached, and more sericitic, and there is very fine, disseminated pyrite in it. In places the feldspars are very highly sericitized and kaolinized. Along one calcite seam there are a few blebs of sphalerite and pods of sphalerite over a distance of one foot. About 290 feet from the portal the gob mineralization of sphalerite, galena, and chalcopyrite suddenly starts, the disseminated pyrite mineralization continuing unchanged. There is no disseminated mineralization of the zinc-lead-copper minerals comparable to the pyrite _ only the gobs and gashes, small to large. The rock is somewhat more altered, and there are a few more dark inclusions than usual; otherwise it is the same.

The gobs of zinc-lead-copper mineral follow the weak block fracturing of the rock and also occur as isolated patches in solid, unfractured rock. In places the mineralization engulfs small pieces of the rock, giving a brecciated appearance, but there is little evidence of a pre-mineral breccia structure. Calcite is present in somewhat greater amount than outside the mineralized area. The mineralization is spotty throughout, but it varies considerably in quantity in different places. Toward the southwest it is considerably higher in copper than to the northeast where chalcopyrite is very scarce. There is no particular change near the slip zone except the increase in relative amount of chalcopyrite, and mineralization along the slip is about the same except for more pyrite and some iron oxide.

In the intermediate adit, 58' above, one enters the mineralization from the southwest side. Here again there is no very marked change to explain the presence of the mineralization; rock alteration increases, but it appears that the original rock must have been pretty much the same. The same slip zone [somewhat wider] is present, however, and the most obvious interpretation is that this controls the location of the mineralization. The mineralization in the intermediate adit is the same as that in the lower adit except that it is iron oxide on the southwest side of the slip zone due to proximity to the surface.

It is difficult to guess at the grade of the sulphide zone because of the erratic distribution of the gobs. I should guess that the average grade is less than one per cent combined zinc-lead-copper, but I might be way off.

From what little evidence is available to us it would appear that the locus of the mineralization is controlled by the slip zone where this latter is strong enough. To the northwest where the slip zone dies out, the mineralization dies out although there is some disseminated pyrite in the rock. The mineralized zone apparently plunges south at an unknown angle.

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The surface expression of this mineralization can be seen in the intermediate adit, in the smaller surface workings above, and on the surface. It consists of brown and black iron oxide in an irregularly vuggy rock. The surface expression of the pyritic aureole also shows iron stain and small disseminated blebs of iron oxide, but decidedly less total iron oxide and few if any vugs of any size.

Are there other surface expressions of similarly mineralized zones in the area? The answer to this question is probably of even more importance than the determination of the size and grade of the one known shoot. Vugs with plenty of brown and black iron oxide should be the most favorable sign, and if these were plentiful in other areas, there would be much to give one encouragement. That there are not is not, however, necessarily discouraging for the following reasons:

1) Vugs are much more conspicuous in the oxide of the workings than they are on the actual surface. This is to be expected as the vugs tend to break down and disappear under the effects of the weather.

2) Fairly fresh rock is more conspicuous than highly altered, iron-stained rock right over the known mineralized shoot. This also is to be expected because of superior resistance to weathering of the fresher portions of the rock.

3) Highly altered rock, even without much iron oxide, could be a favorable indication because of physical removal of the iron oxide by weathering or because of failure of the actual ore shoot to outcrop.

4) Sphalerite and galena may be dissolved out of an outcrop without leaving any very striking surface expression. Pyrite and chalcopyrite, however, should leave iron oxide behind.

On the other hand one should be cautious about assuming that every area of iron-oxide stain is the surface expression of a zone of base-metal mineralization. If such were the case, Arizona would have not a few dozen operating mines but many thousands of operating mines. Such surface iron oxide is in most instances the end result of weathering of original pyrite, magnetite, hematite, or any of a host of iron-bearing silicates, etc. It is difficult to be reasonably sure and impossible to be dead certain of the origin of surface iron oxide without exploring down into the unoxidized material.

On and near the Franco claims there are several areas of reasonable size which compare favorably in appearance with the area directly over the known mineralized shoot in the mine workings. Some of these areas may be the surface expression of shoots as good as or very much better than the

one now known to us in part; or they may be total blanks. All we can do is try to eliminate those areas where the iron oxide gives the suggestion that it is derived from anything except chalcopyrite, bearing in mind that an area of disseminated pyrite might represent an aureole around a commercial ore shoot, which shoot might be found by a lucky drill hole in a blind drilling campaign.

I have tried to show on the accompanying large map the local areas that show greatest promise, and those of less promise but still possibly of interest. The rest of the map area is, as far as I can tell, of no interest -- except where it is covered by the rhyolite-latite cap or by float and we can hope for some hidden deposit.

A local area of interest several hundred feet in diameter lies just east of the main mine workings. Outcrops are not too plentiful, and some of the outcrops present are of fresh rock, but there is a great deal of iron-oxide stain and considerable highly altered rock in this area.

A still more interesting area approximately 800' X 150' runs N. 60° E. from the southeast corner of the Mountain Side claim. The rock is bleached, sericitized, and silicified, and there is not only considerable iron-oxide stain but also a great deal of porous iron oxide. A fifty-foot band along the southeast side of this zone has reddish iron oxide, a color not prevalent in the outcrop of the mineralized shoot at the mine, but on the whole this zone is the most favorable in appearance in the whole area.

Other areas where there is reddish iron oxide, or weak brown iron oxide, or silicification and sericitization are shown in blue as being of intermediate interest. Many of the areas of interesting iron oxide or alteration less than thirty feet in diameter are not shown on this map. Also it should be pointed out that the map is not accurate in detail, and the favorable areas are shown more as symbols than as exact shapes and sizes in exact locations.

GENERAL GEOLOGICAL CONSIDERATIONS:

In arriving at a preliminary guess as to the merits of a prospect, it is common practise to make comparisons with known deposits and nearby deposits of merit and to evaluate possibilities in general terms. I believe this procedure can be overdone, but at the same time one should not shut one's mind to any consideration which might have a bearing on the merits of a property.

THEODORE A. DODGE

a) Type of Mineralization: On page 13 of "Arizona Zinc and Lead Deposits" (Ariz. Bur. Mines Bull. 156, Part I, April, 1950) Eldred Wilson says: "No zinc or lead deposits analogous to the 'porphyry' copper type and no great disseminated deposits of the Bonne Terre type are known in Arizona." The Bonne Terre deposits in Missouri are in limestone, and do not concern us. The first half of his sentence does concern us. Although the individual blebs of copper in the Arizona porphyry copper deposits are smaller than most of the gobs seen in the mine workings of the Franco, the general form and distribution is not too dissimilar; minor fractures determine the locus of deposition in any small volume of rock in many of the porphyry coppers and at the Franco. Lead and zinc are unknown, however, in such occurrences in Arizona, and I have never heard of anything like the Franco outside of Arizona. This is merely negative evidence, which, in my opinion, isn't too important.

b) Rock Type: Most of the porphyry coppers are in equigranular rocks of granitic or monzonitic type, that is rocks with no aphanitic groundmass such as we have on the Franco. The porphyry at Cananea has a fine-grained groundmass, but it is a rock much closer to the granite end of the series than the Franco rocks. There are many vein mines in volcanics and other rocks similar to the complex on the Franco, but I don't know of any disseminated deposits. This again is negative evidence. The Franco complex has a composition probably not far from that of the monzonite of some of the great porphyry coppers, so as a host rock for the deposition of chalcopyrite there should be nothing against it. As for the zinc and lead there is no precedent known to me to go on. It is already known at the Franco that the latite porphyry, the principal rock of the complex, can be a host to zinc-lead-copper mineralization. This should be sufficient indication of possibilities. Whether the trachyte porphyry can be a host or not, I don't know, but this point isn't critical.

c) Depth: If the Franco complex is a thin series of volcanics, then hope for considerable depth to the deposit would not be great, but there is a preponderance of evidence in favor of regarding the complex as intrusive, in which case host rock favorable for mineralization may go to considerable depth.

d) Nearby Districts: The proximity of the Silver Bell deposits is an encouraging sign, and the rock types of the Franco probably all occur there, plus some sediments, but the host rock for the disseminated copper deposit at Silver Bell is, I believe, a granite porphyry. I haven't wished to get more detailed information on Silver Bell until all the ground that should be covered by claims at the Franco is covered.

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e) Rock Alteration: This is of the right kind at the Franco: silica and sericite. Some geologists might feel that there isn't sufficient intense and widespread alteration and pyritic mineralization to suggest important mineral deposits, but such an opinion is open to question. Although copper commonly makes its presence known by quantities of pyrite and tremendous zones of alteration, zinc and lead do not. Furthermore, much of the rock at the Franco shows strong alteration under the microscope that is not apparent to the naked eye. Probably none of the latite porphyry and trachyte porphyry on the claims at the Franco is free of hydrothermal alteration. The word "fresh" on the big map applies only to the megascopic description; it is relative.

f) Structure: It is usually structure, of some sort, which puts zinc or lead or copper mineralization into a rock. The weak fracturing in the latite porphyry has been seen in the small area of mineralization known to us to be capable of distributing locally the introduced mineral. Major feeders may be stronger fractures like the NW-SE fracture exposed in all the principal workings. Around on the surface in various parts of the area there are enough fractures -- with or without quartz and silicification, intense alteration, and iron oxide -- to encourage one to believe that there may be sufficient feeders in the area. Most of these trend closer to north-south than to east-west.

g) Recapitulation of General Features: The Franco is something new in my experience: irregular gobs of sphalerite, galena, and chalcopyrite replacing a massive, tight-looking latite porphyry. Being different is no sin, but it gives one pause. On the other hand most of the commonly accepted prerequisites for a base-metal disseminated replacement deposit are present: 1) a host rock chemically close to a monzonite, 2) probable sufficient depth of host rock, 3) a good mineral region in a well mineralized state, 4) rock alteration of the right type and probably of sufficient intensity, and 5) the apparent presence of enough fractures of sufficient persistence to have acted as feeders. With my tongue in my cheek, I'll add one observation which may or may not be of any significance: The geology is a mess. After ten days in the field and hours of discussion with Eldred Wilson and John Anthony of the Arizona Bureau of Mines I know considerably less about the Franco than I thought I did after my first visit. And I have yet to see an important base-metal mine that isn't the same way. This doen't prove anything, but it is more favorable a sign than a simple geological setup.

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ECONOMIC POSSIBILITIES:

Discussion of the economic possibilities of a prospect must of necessity be hypothetical, but it is none-the-less worth while as a guide to one's thinking about the objectives of exploration.

First of all I think it is safe to presume that no open-pit operation will ever be developed on the Franco. Sizable areas of fresh rock are so well distributed throughout the area as a whole, that it is difficult to vizualize any commercial ore body of open-pit dimensions. It is also difficult to visualize a block-caving operation; that requires very large ore bodies in a weak rock. The best one could hope for would be a diamond-drill stoping ore body, and even this hope is sanguine.

The ore bodies are apt to be not copper but copper-lead-zinc. This introduces complications in milling and marketing.

The area may be full of ore bodies, but the surface exposures suggest that there will be only a few.

All this boils down, I believe, in a general way to the necessity of thinking in terms of plus three per cent combined assay rather than anything less than this.

The mineralized shoot in the present mine workings might be a maximum 200' X 300' in area at a very optimistic guess. If the shoot goes to 1000' depth, which again is very optimistic, one would have 4,000,000 tons. This tonnage of three per cent rock might make a mine, but it still wouldn't be a bonanza. There is perhaps better possibility of finding a like tonnage or a greater tonnage in several ore shoots.

The odds are always against finding a mine, but just what the odds are in any one case can't be evaluated. The problem is to explore the possibilities of any one property one likes by a program which results in the cheapest ultimate cost. Recognizing that one must develop several million tons of plus three per cent combined assay, one should proceed cautiously toward that objective, using each new piece of information to guide one as to whether to proceed or to abandon the project.

METHODS OF EXPLORATION:

On a prospect of this sort exploration usually divides itself into two phases: 1) Initial testing to see whether the property is worthy of extensive exploration; 2) Extensive exploration to prove up the property to the point of putting it into operation oneself or selling it to someone else for the same purpose. Obviously these two phases overlap.

THEODORE A. DODGE

As the majority of prospects of this sort do not develop into mines, phase No. 1 is usually planned to result in the least expenditure of money possible for the attainment of a definite answer. Phase No. 2 then continues [if at all] as a modified form of phase No. 1.

Phase No. 1): The first objective should be to find out something about the grade of the mineralization exposed in the mine workings. This could be done by any one of three methods:

First - Crosscutting out of the lower adit. One hundred feet of crosscutting near the end of the lower adit so as to give a representative section across the mineralization, even though it did not reach the limits of mineralization, would provide a good idea of the grade of the mineral zone at this elevation. The work could probably be contracted for less than $2000.00, all of the muck would be sampled for another $500.00 including supervision, and miscellaneous expenses plus assaying would bring to $3000.00 the total cost of finding out whether the mineralization is of sufficient grade to be of interest.

Second - Sampling the lower and intermediate adits in the sulphide would produce the same result cheaper. The workings are random enough in direction to allow a fairly accurate sampling job and reasonable interpretation of the assays. By renting a truck and compressor, the sampling job could be done by machine in a week, and the assay results would be ready in another week. Cost would be about as follows:

[assume 40 ten-foot samples cut and assayed]

Sampler and helper	$ 200.00
Supervision	150.00
Rental 105' compressor, hammer, 450' hose	110.00
Steel and sharpening	50.00
Truck rental	50.00
Sacks, misc.	100.00
Assaying	240.00
TOTAL	$ 900.00

Third - Drilling, preferably from surface since the sulphide starts near surface and the same machine could continue indefinitely with the exploration. Because of the spottiness of the mineralization and the small size of a diamond drill hole, I believe the minimum should be two 200' holes with samples of core and sludge every five feet. If half the

drilling were in mineralization worth sampling, one would get the following costs:

Drilling at $6.00 per foot	$ 2400.00
Supervision	250.00
Misc.	200.00
Assaying	480.00
TOTAL	$ 3330.00

Drilling would be preferable to crosscutting because for about the same price one would have information not only on grade but also on tonnage and depth. Sampling would be cheaper than drilling. If unfavorable the property could be abandoned with less total expense. If favorable, the sampling would be an extra expense since the drilling would have to be done anyway. Decision between preliminary sampling and drilling should depend on total real ultimate cost to you and on the type of gamble you prefer to make. Involved in this gamble is one aspect of the geological possibilities which has not been discussed. Mineralization, probably of about the same grade, is exposed on two levels, ± 58' apart vertically. If this mineralization is not typical of what occurs at depth, drilling has the decided advantage over sampling the present workings or crosscutting of showing what is down below. In other words, it is always possible that the mineralization exposed to our view at present is the upward expression of a better mineralization at depth, either in a more open or chemically favorable rock or in a different form, such as on a fracture like the NW-SE slip zone. Part of the decision, then, between sampling and drilling depends on one's desire to test this possibility.

The second objective of Phase No. 1 is the determination of possible tonnage. The only cheap way to do this is by drilling. In other words, if the initial determination of grade [by whatever method] is favorable, more exploration is needed to get an idea as to both grade and tonnage.

I have suggested a probable cost of the initial 400 feet of drilling as being $8.33 per foot, as follows:

Drilling	$ 6.00
Supervision	.63
Misc.	.50
Assaying (assuming half in ore)	1.20
	$ 8.33

If initial results are encouraging, and several thousand feet of drilling were done, these costs might be reduced to closer to six dollars per foot:

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Drilling	$ 4.00
Supervision	.50
Misc.	.25
Assaying	1.20
	$ 5.95

A still larger program might knock another dollar off, but this is doubtful. Drilling for less than $3.50 per foot is unlikely, and the job, to be of any benefit, will require a good deal of supervision. Assaying cost could be reduced some by running each ten-sample composite for gold and silver, instead of each sample.

Phase No. 2): This will develop out of Phase No. 1 as the work proceeds. Assuming continuing encouraging results, along with the unavoidable poor results, 6000 feet, or $36,000.00, or possibly considerably less, might give results sufficiently encouraging to turn the mine on a lease-and-option basis. For a fully developed mine for an outright sale one would have to drill at least 10,000 feet, $60,000.00, unless the grade is considerably better than there is any reason to suppose at present.

RECOMMENDATIONS:

1) Sample the two lower adits in the sulphide with jackhammer.

2) If the assays from this sampling average over one per cent combined zinc-lead-copper, plan a short drill program, to develop into a larger program if conditions warrant.

3) Before moving in the drill equipment, stake out at least three new claims [numbers 1, 2, and 3 in pencil on the large map]. These claims need not be exactly as shown, of course, but in any event locating them will be time consuming because of the ruggedness of the topography.

4) Drill the first hole of the initial drill program vertically down from surface at a point twenty feet S. 45° E. of the portal of the intermediate adit. Continue this hole until it has passed through fifty feet of barren ground beyond the mineralization.

5) Drill a second hole, regardless of the results of the first hole, in the same area of mineralization, the exact location to depend upon the results of the first hole. This hole might well be aimed to cut the slip zone below the elevation of the lower adit. If any hole is laid out to cut close to a known working, a transit survey of the two adits would be desirable.

THEODORE A. DODGE

6) If each of the first two holes cuts 100' or more of mineralization but the assays are uniformly very low, abandon drilling in this local area, or abandon the whole project. Otherwise, drill at least one more hole in the immediate mine area.

7) If the results of the first three holes are discouraging, drill a blind hole in a favorable area of iron-oxide mineralization outside the mine area, or abandon the whole project. If the first three holes show deep mineralization but of a grade too low to be of interest, it might be worth while to drill somewhere else on the claims in the hope of finding a body of better grade. If the grade in the first three holes is promising, but the apparent size of the shoot is small, it also might be worth while to drill somewhere else. If the mineralized shoot in the mine workings is both small and low grade, there would be less incentive for exploration elsewhere on the claims.

8) If the results of the first three holes are encouraging, more holes should be put down in this same shoot. Also other areas of interest could be drilled, but it should be remembered that it will take quite a few holes to be sure, one way or the other, about any one local area. It will be blind drilling.

9) If a large-scale drill program develops, attention should be directed toward additional mining claims, a mill claim, water, surface rights, mill tests, etc.

Trusting that you will overlook numerous errors in English and faulty organization of this report, due to writing under considerable pressure of time, I remain

Sincerely yours,

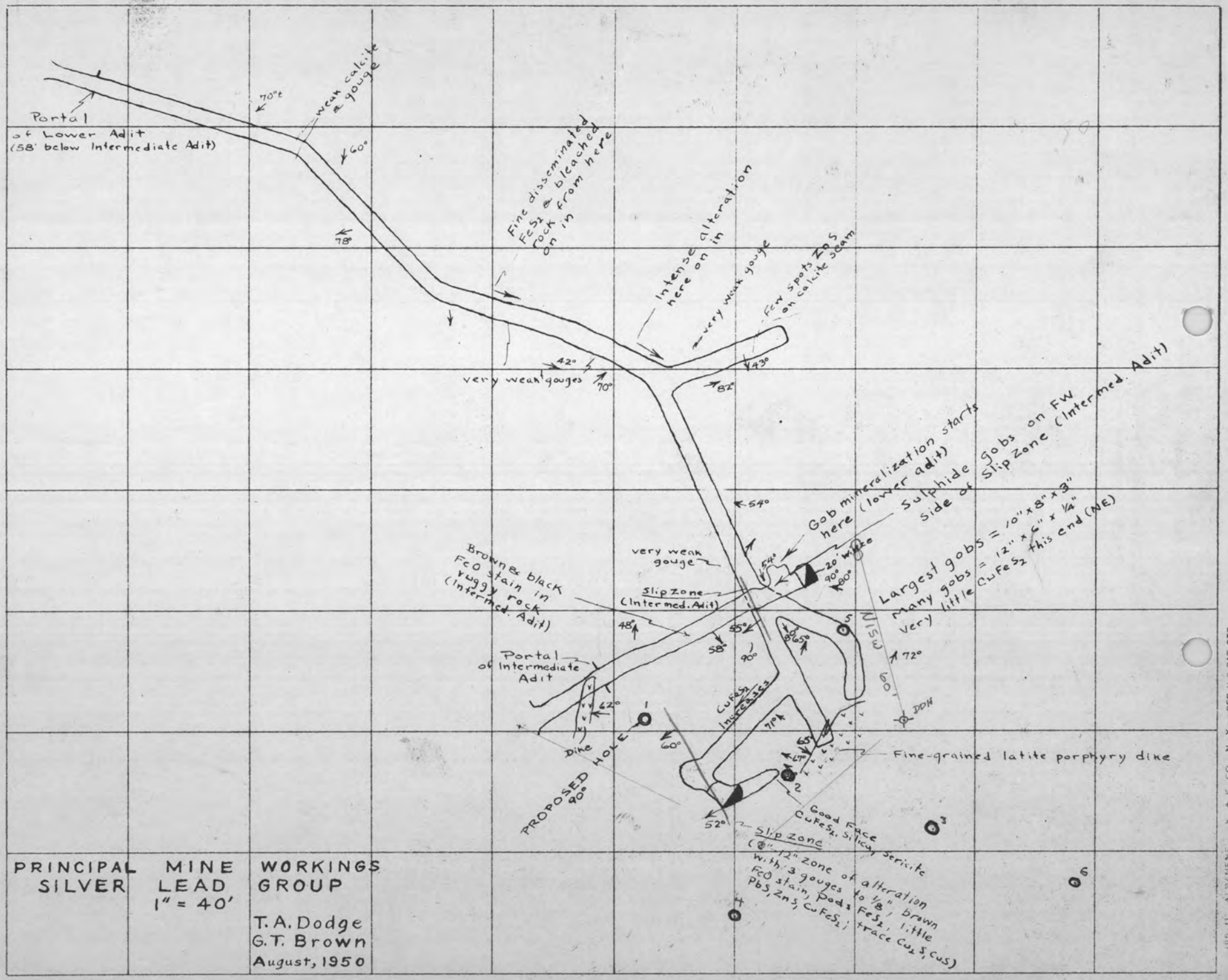
Theodore A. Dodge

Theodore A. Dodge

cc.- Mr. Victor H. Verity
File
Extra

[two maps enclosed]

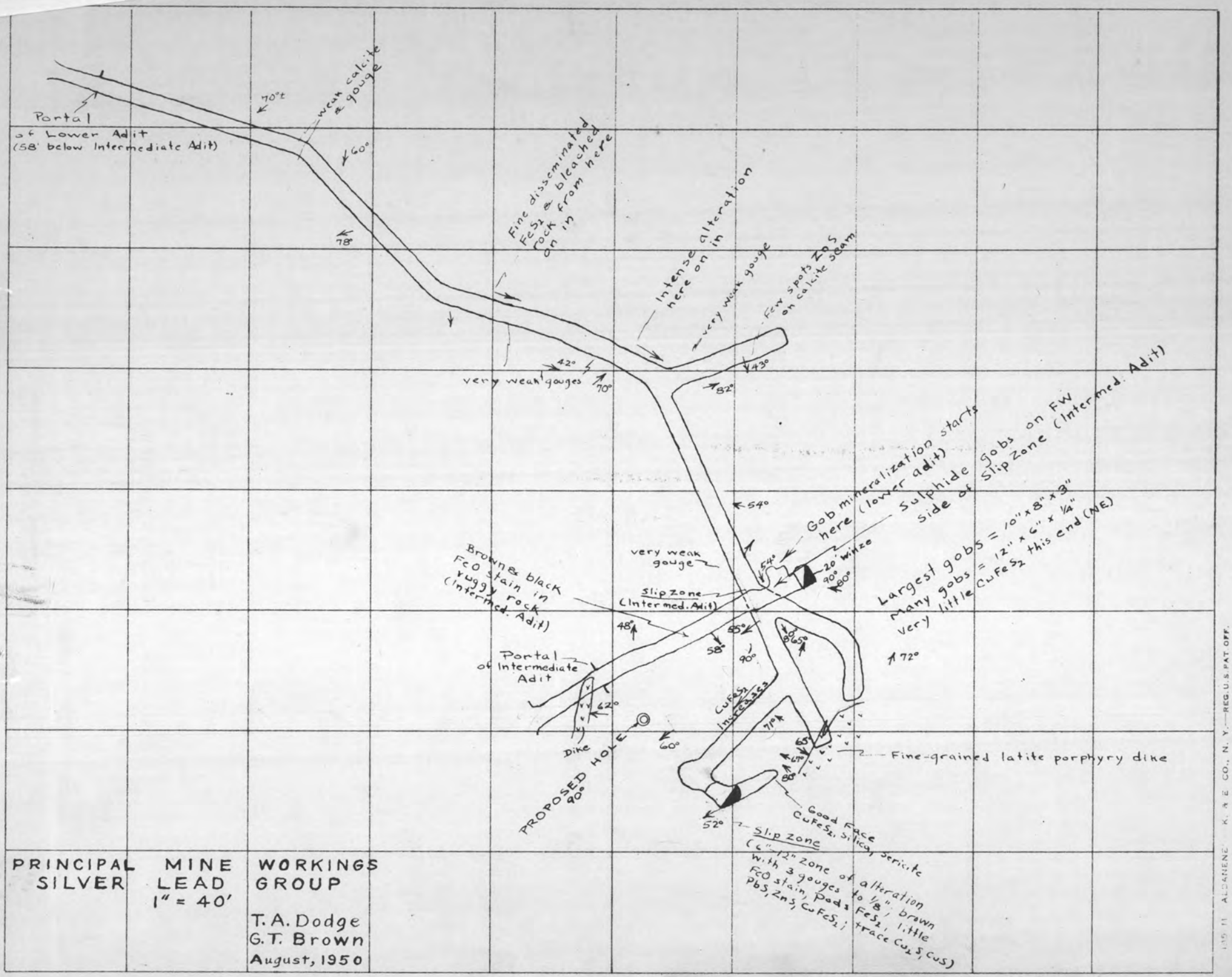
REGISTERED GEOLOGIST
CERTIFICATE EXPIRES
THEODORE
A. DODGE
DEC. 31, 1950
ARIZONA, U.S.A.



PRINCIPAL MINE WORKINGS
SILVER LEAD GROUP
1" = 40'

T. A. Dodge
G. T. Brown
August, 1950

185-11 ALBANENE K. & E. CO., N. Y. — REG. U.S. PAT. OFF.



PRINCIPAL SILVER MINE LEAD WORKINGS GROUP

1" = 40'

T. A. Dodge
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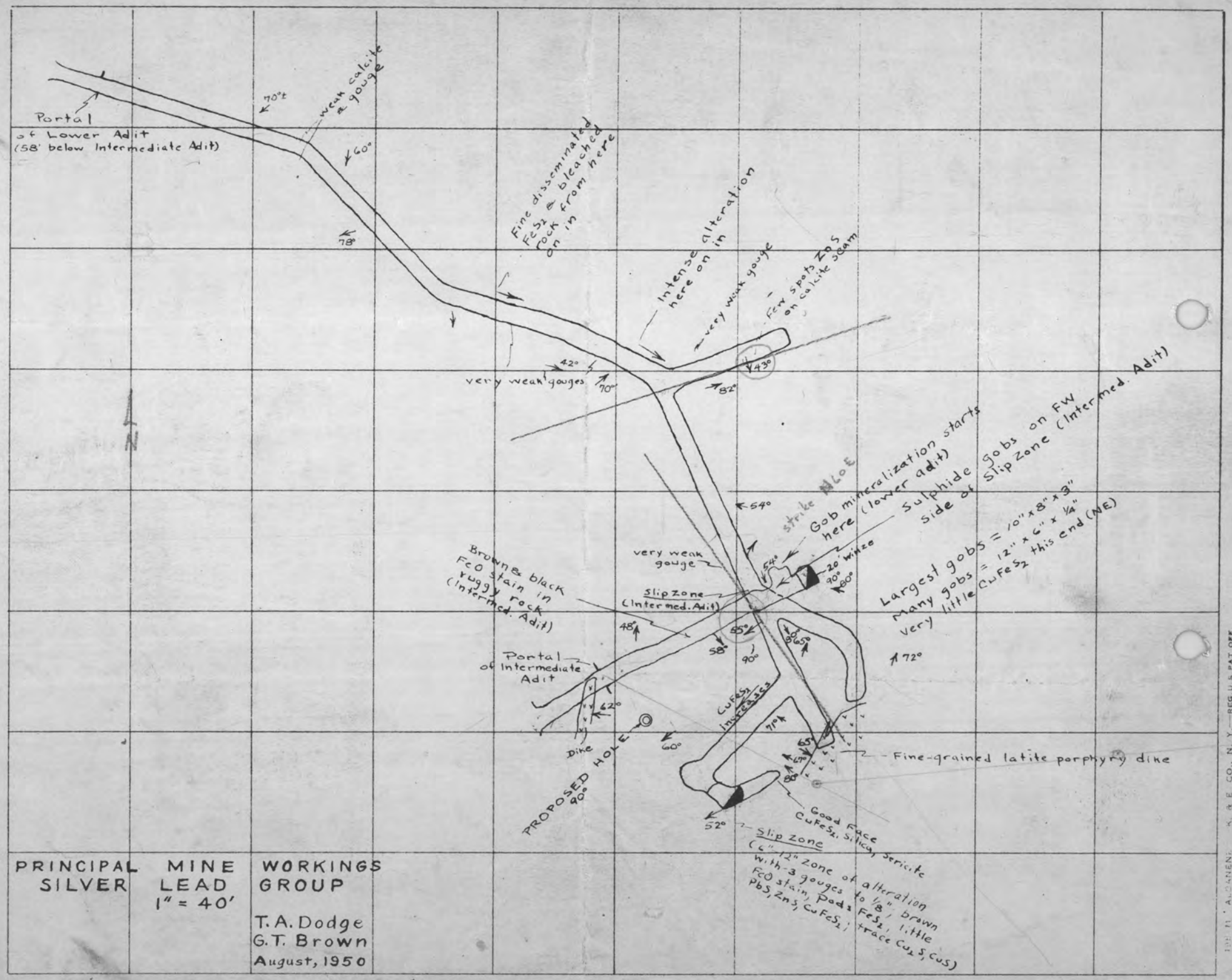
August, 1950

K. & E. CO., N. Y.—REG. U.S. PAT. OFF.



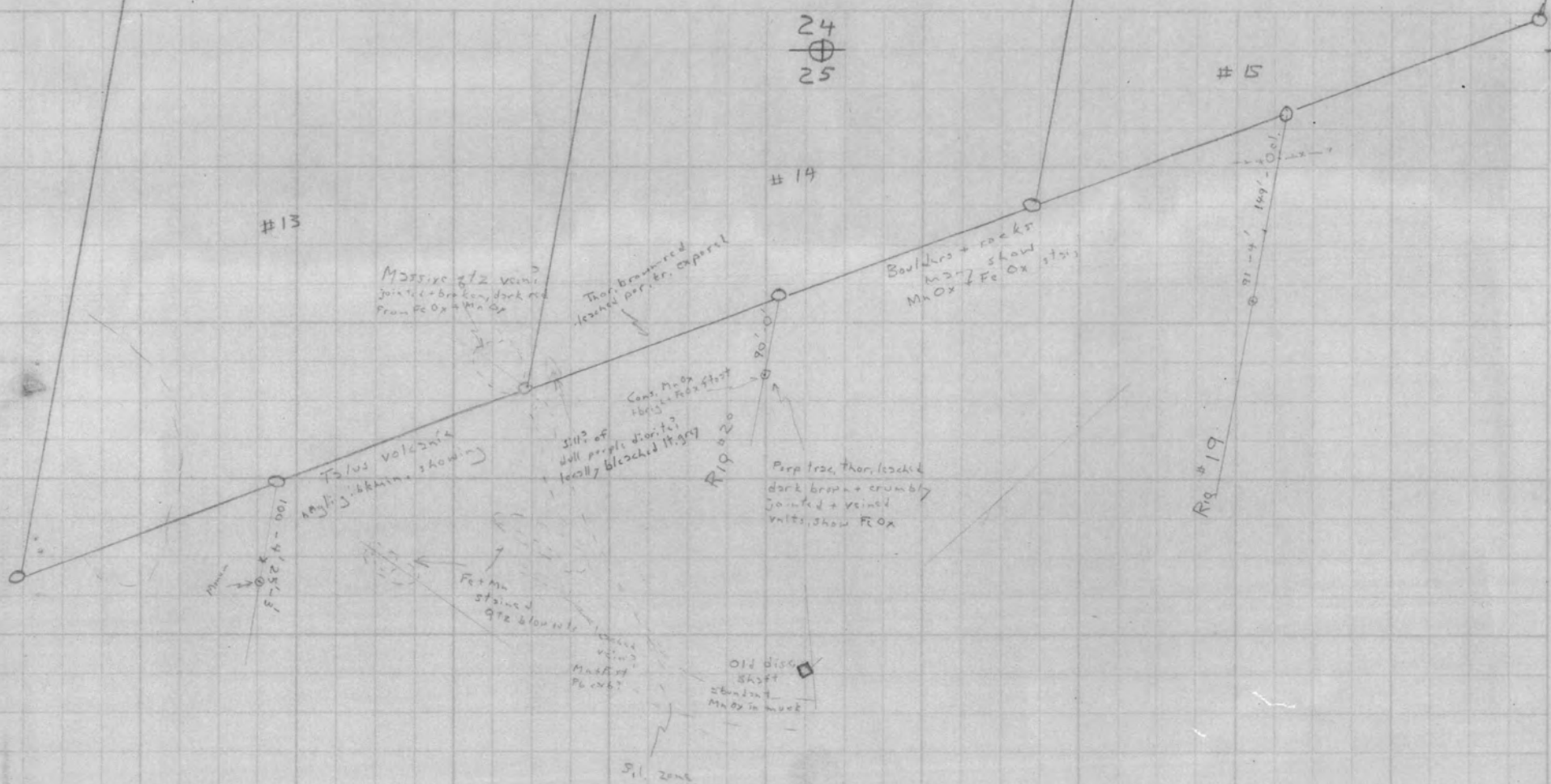
PRINCIPAL SILVER MINE LEAD WORKINGS GROUP

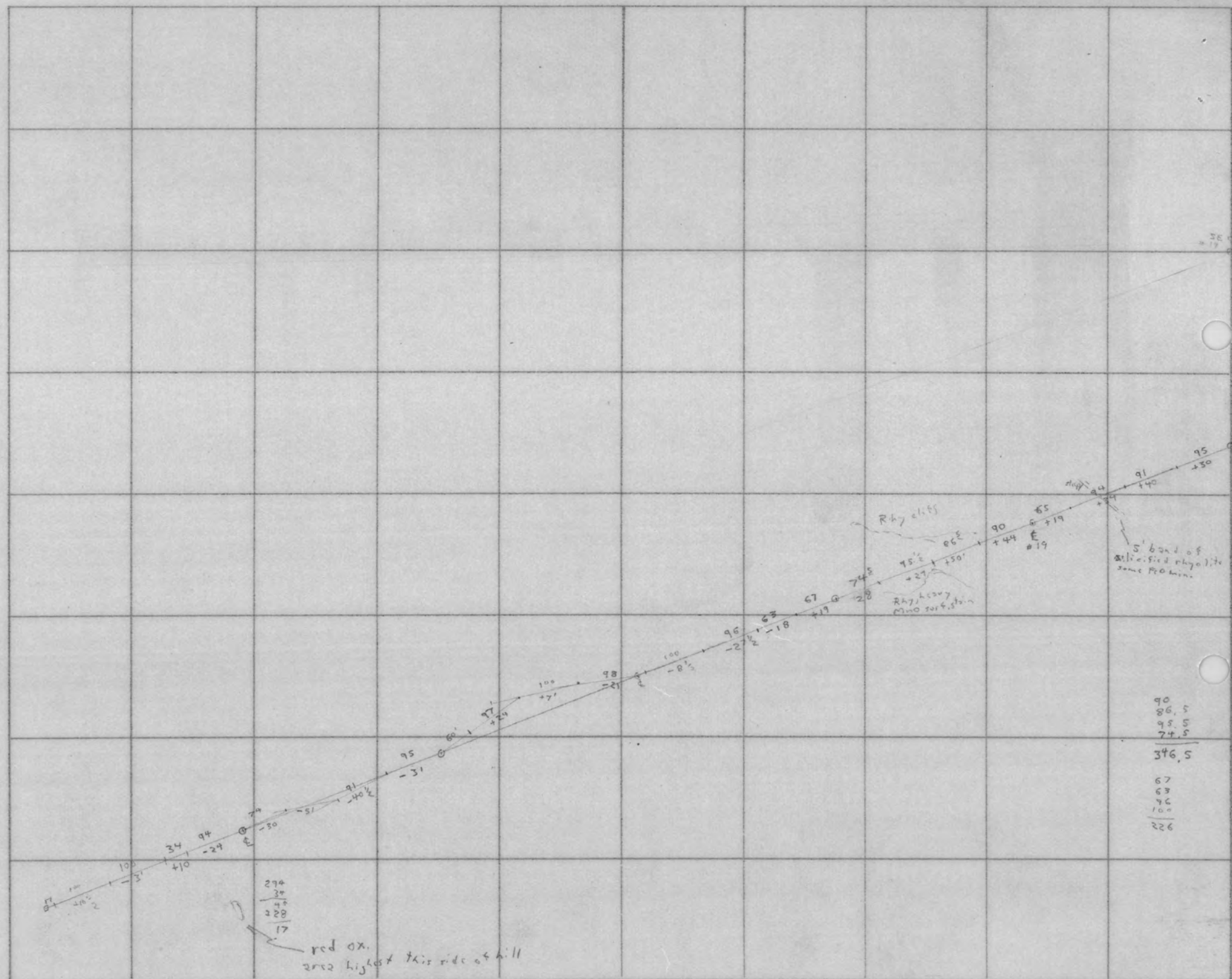
1" = 40'

T. A. Dodge
G. T. Brown
August, 1950

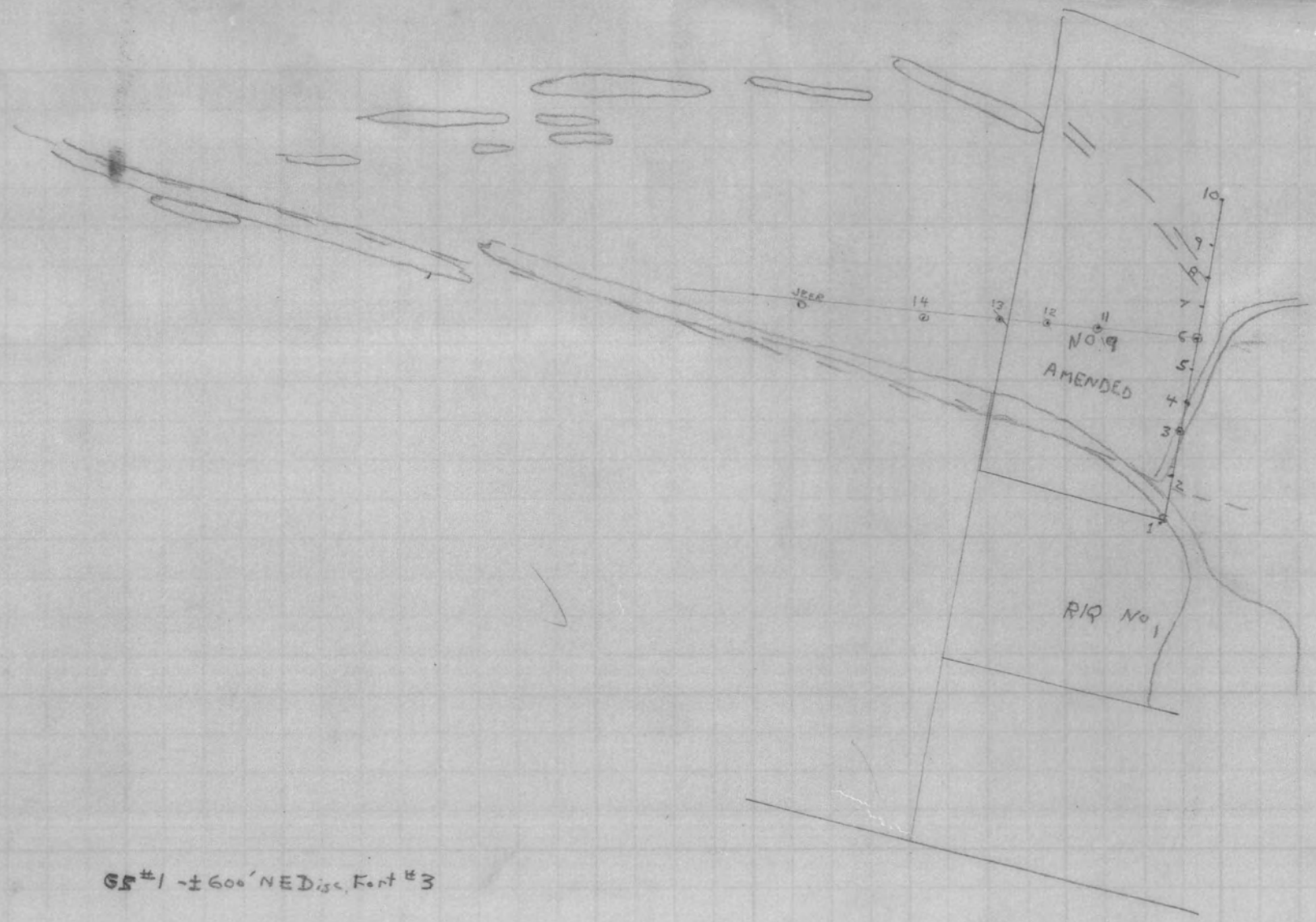
K. & E. CO., N. Y.—REG. U.S. PAT. OFF.

RIQUEZA GROUP
#19, 20, 21 12/15/51

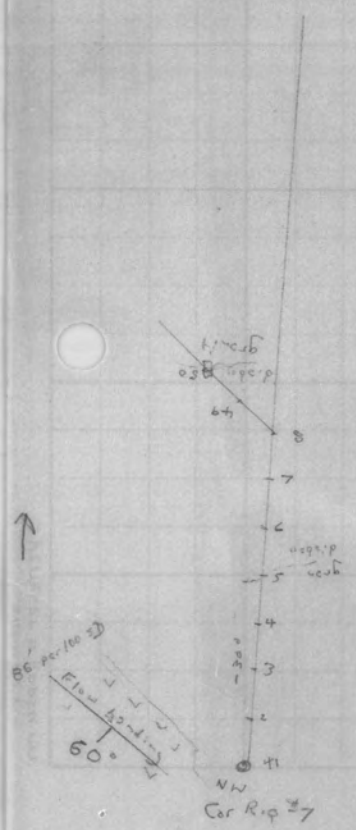




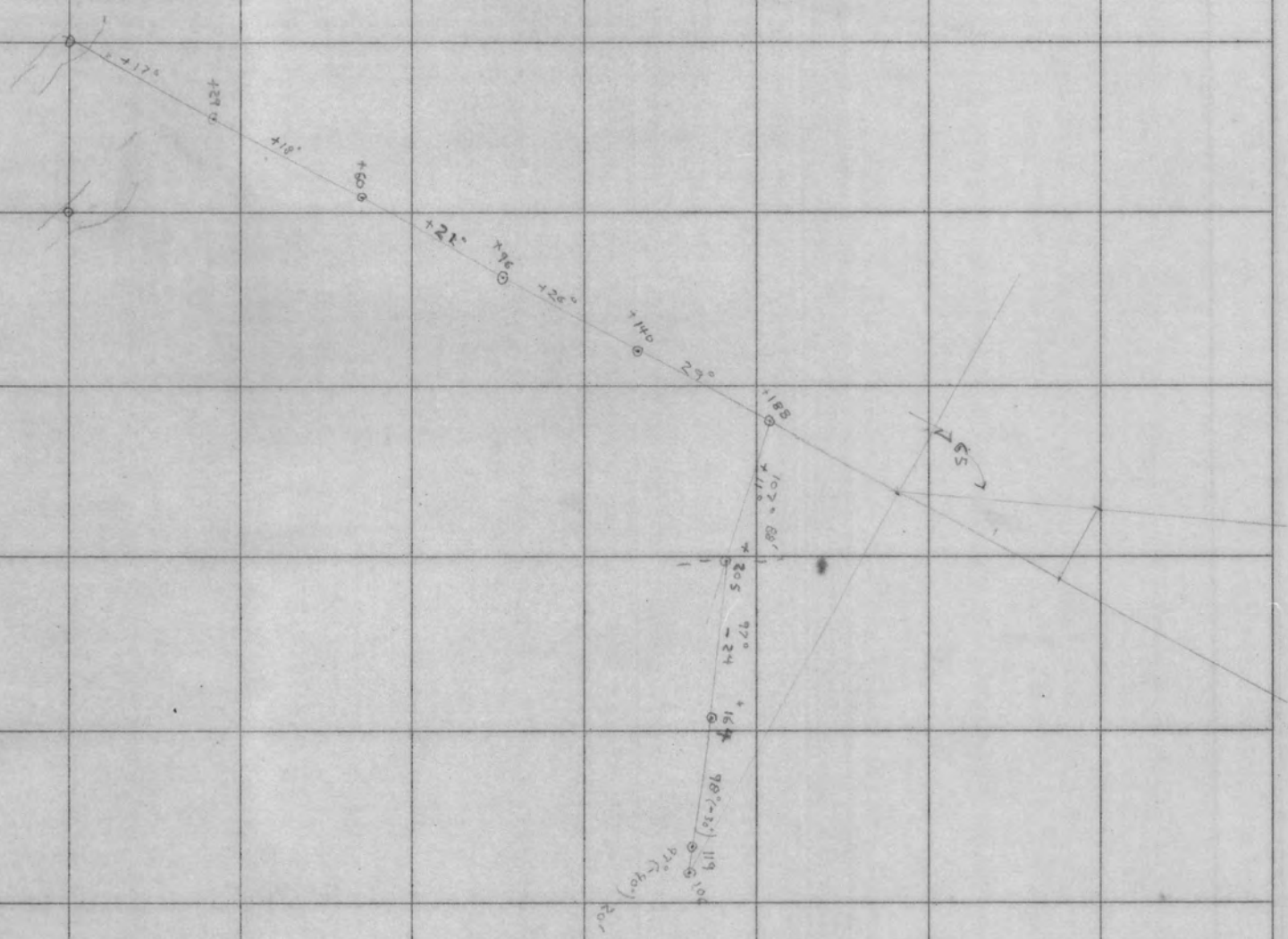
100
+10½
100
-3'
34
+10
94
-24
74
-30
-51
91
-40½
95
-31
60'
97'
+24
100
+7'
98
-21
100
-8½
96
-27½
63
-18
67
+19
74.5
28
95½
+27
86.5
+50'
90
+44
65
+19
94
+34
91
+40
95
+30
Rhy cliffs
Rhy, heavy MnO surf. stain
5' band of silicified rhyolite some PeO min.
90
86.5
95.5
74.5
346.5
67
63
96
100
226
294
34
44
328
17
red ox.
area highest this side of hill



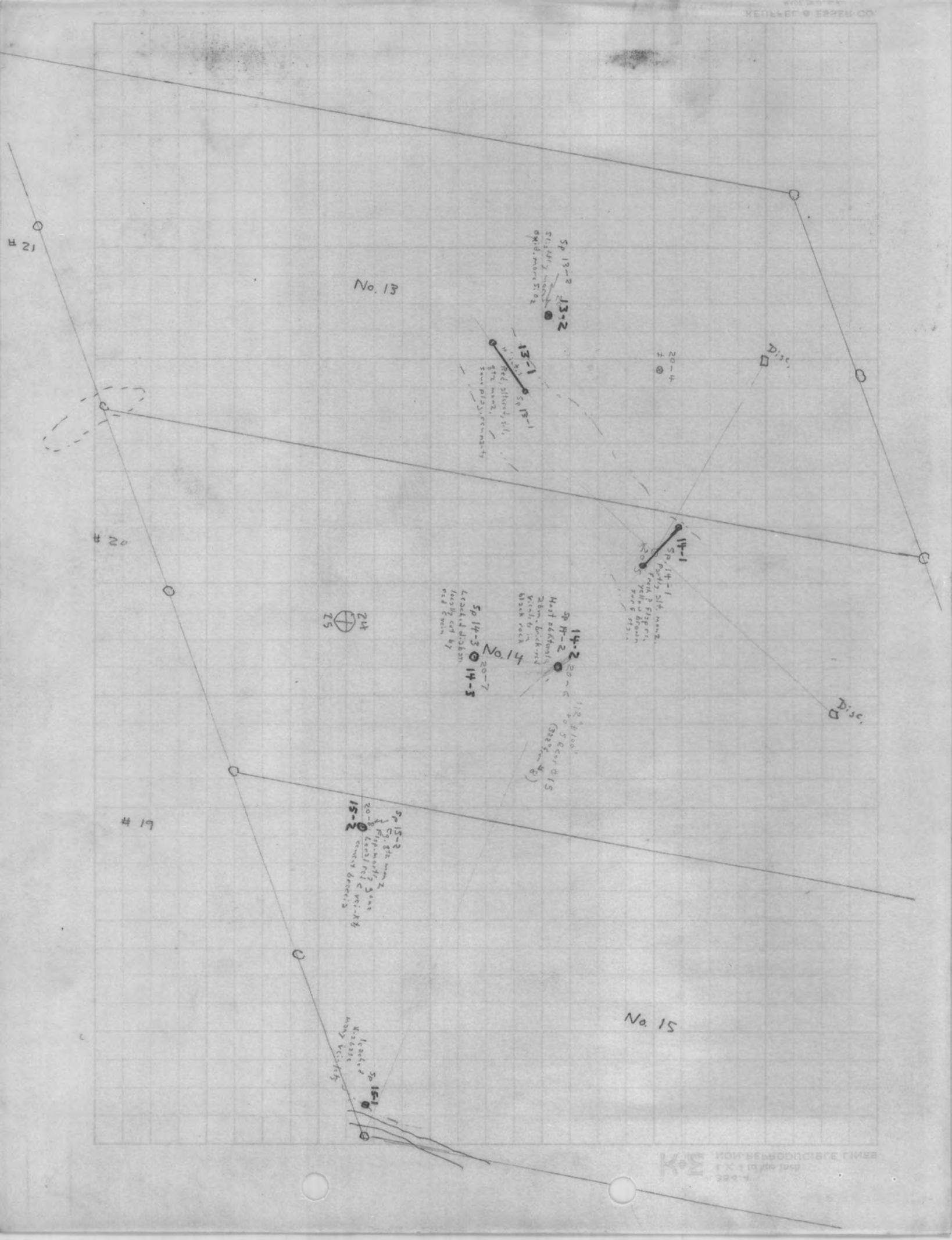
GS #1 ~ ± 600' NE Disc. Fort #3



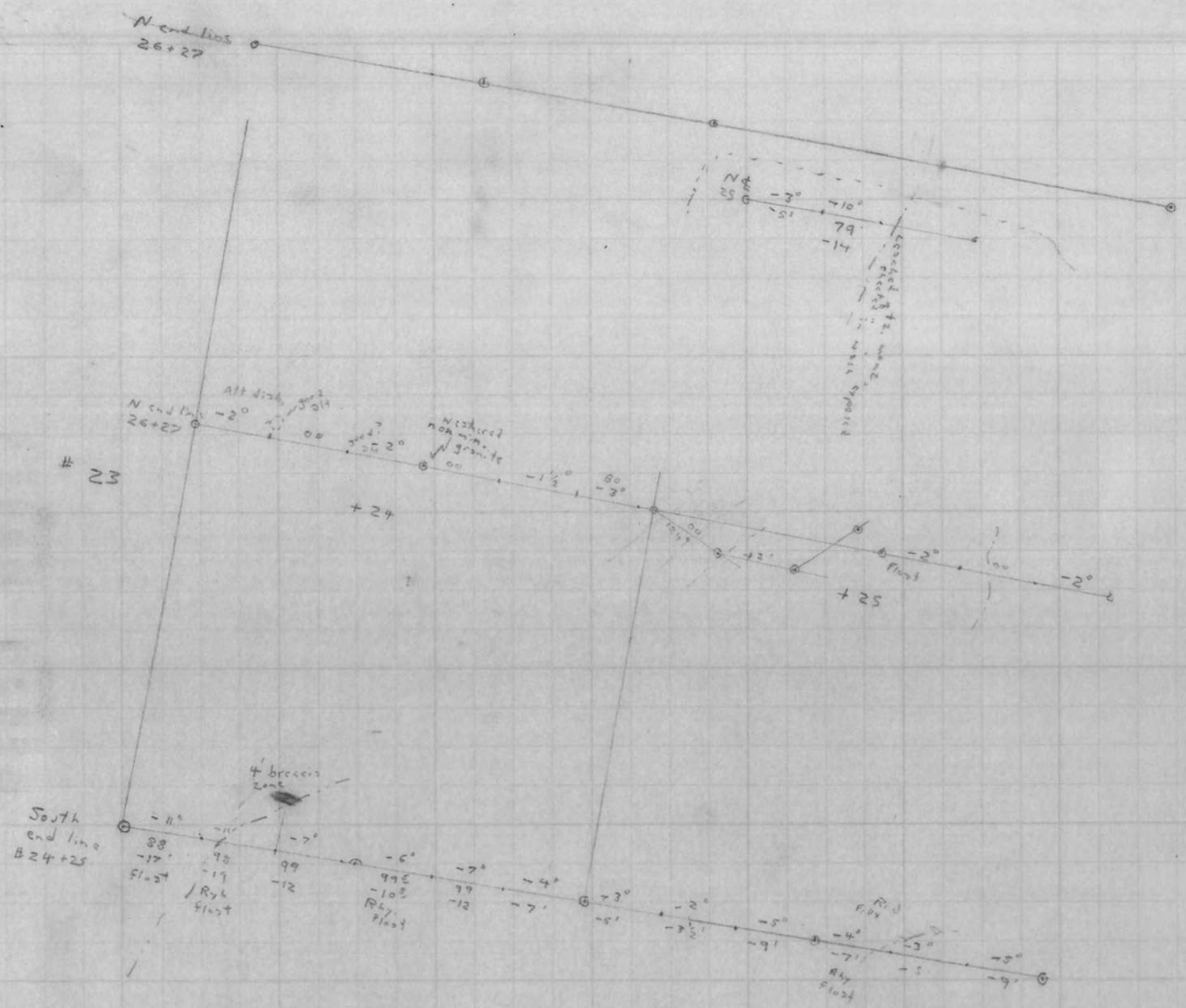
8
7
6
5
4
3
2
41
NW
Cor Rip #7
86' per 100 SD
Flow bending
60°

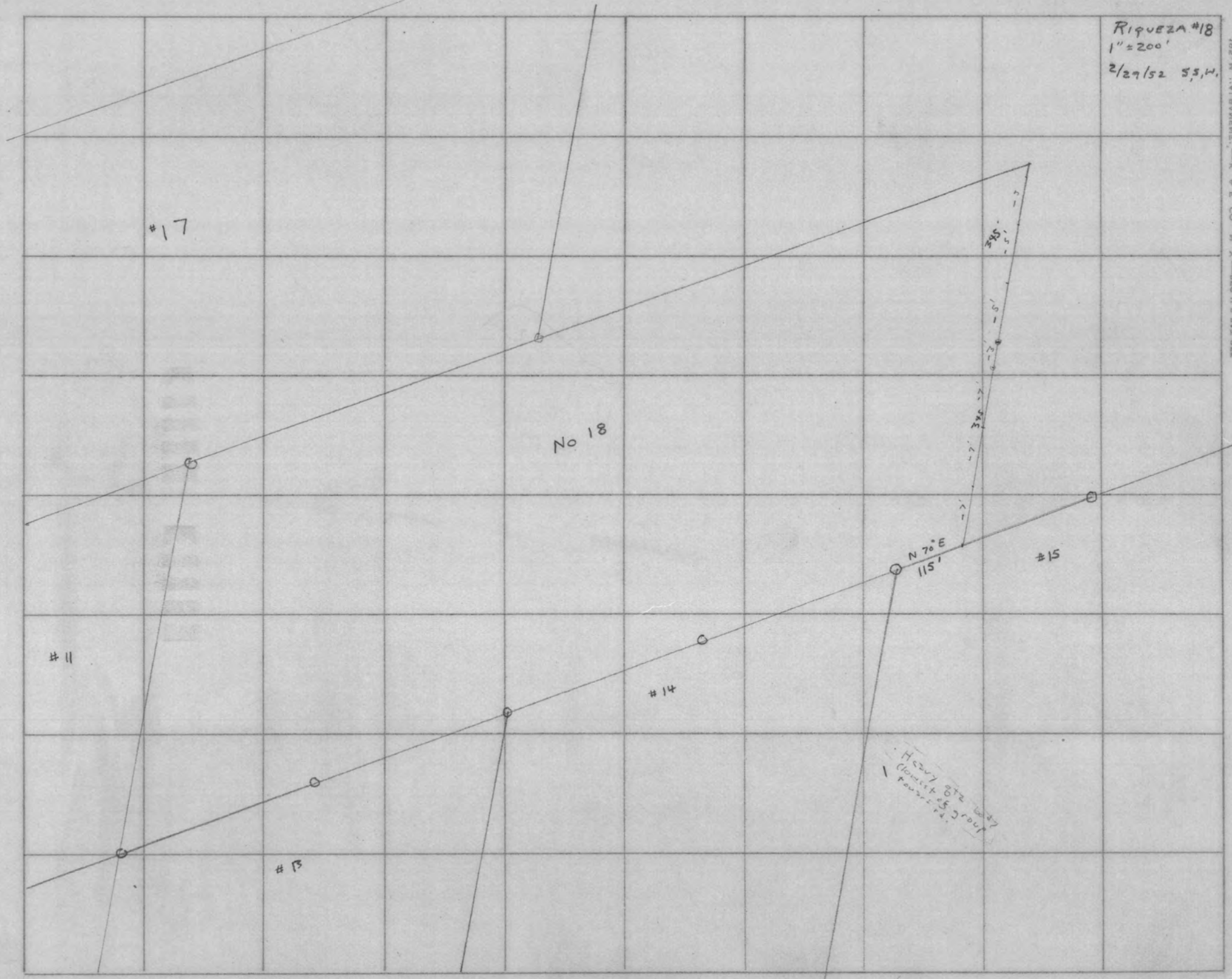


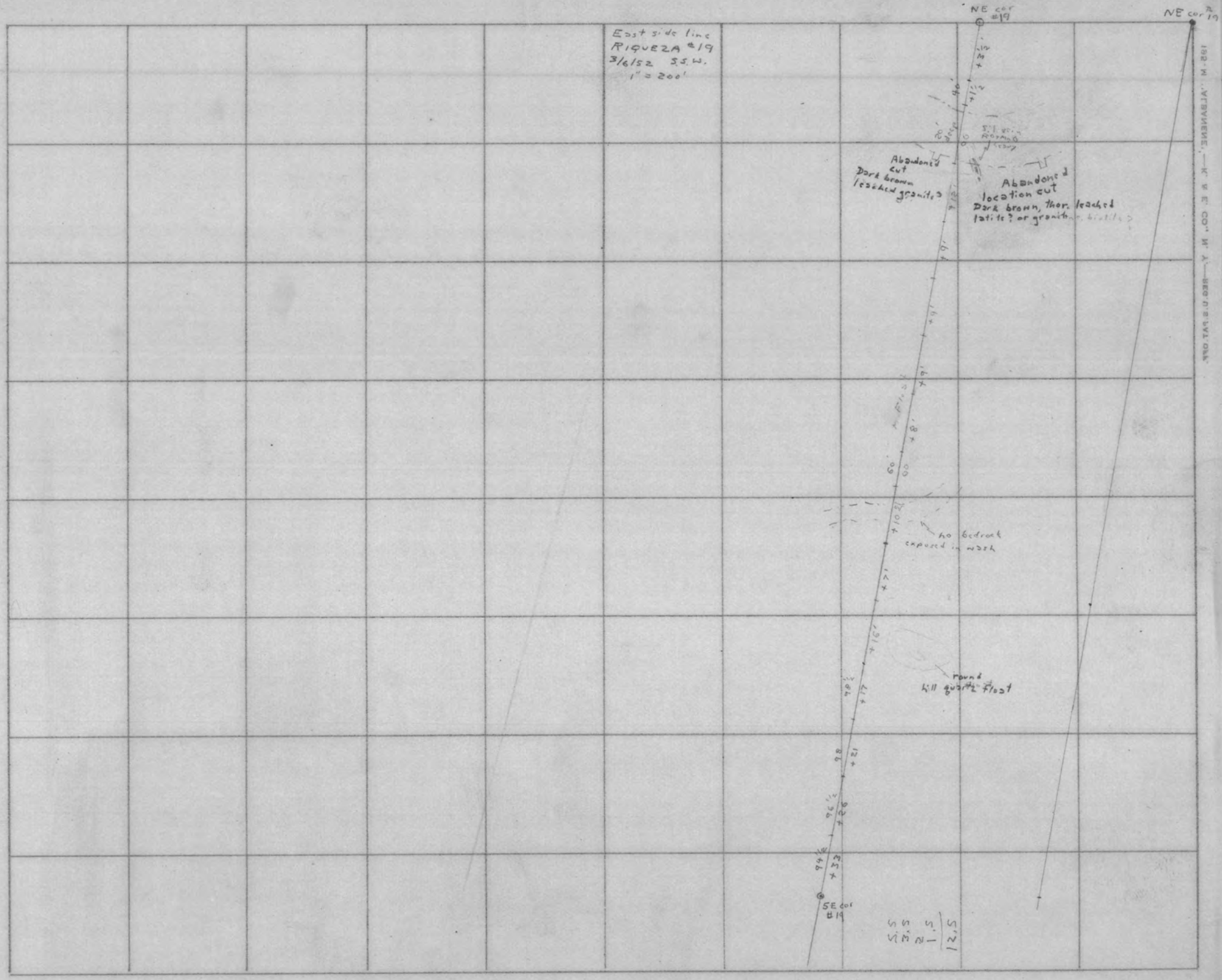
"ALBANENE" No. 1961 K&E CO., N.Y.
REG. U.S. PAT. OFF.
45894

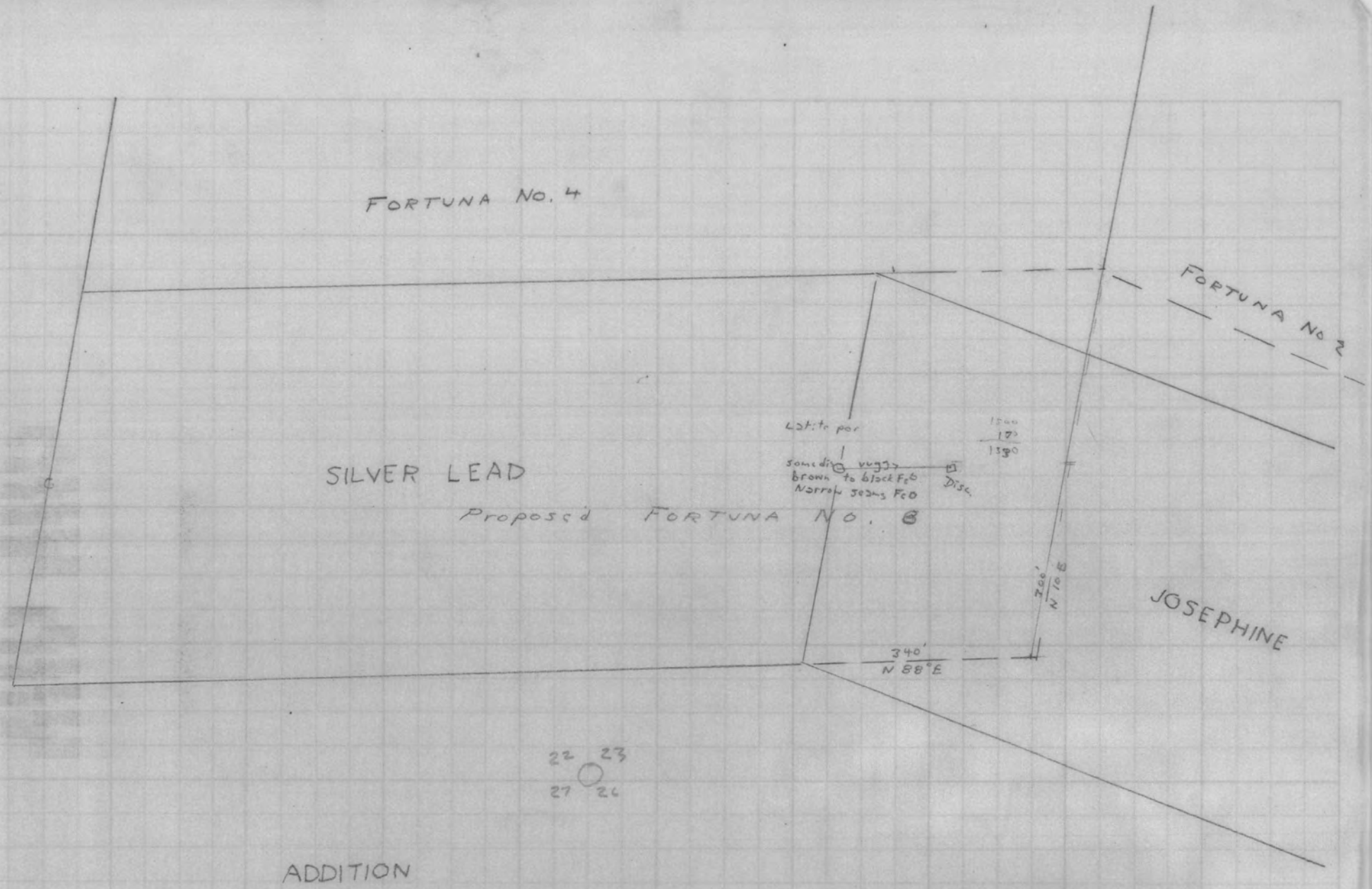


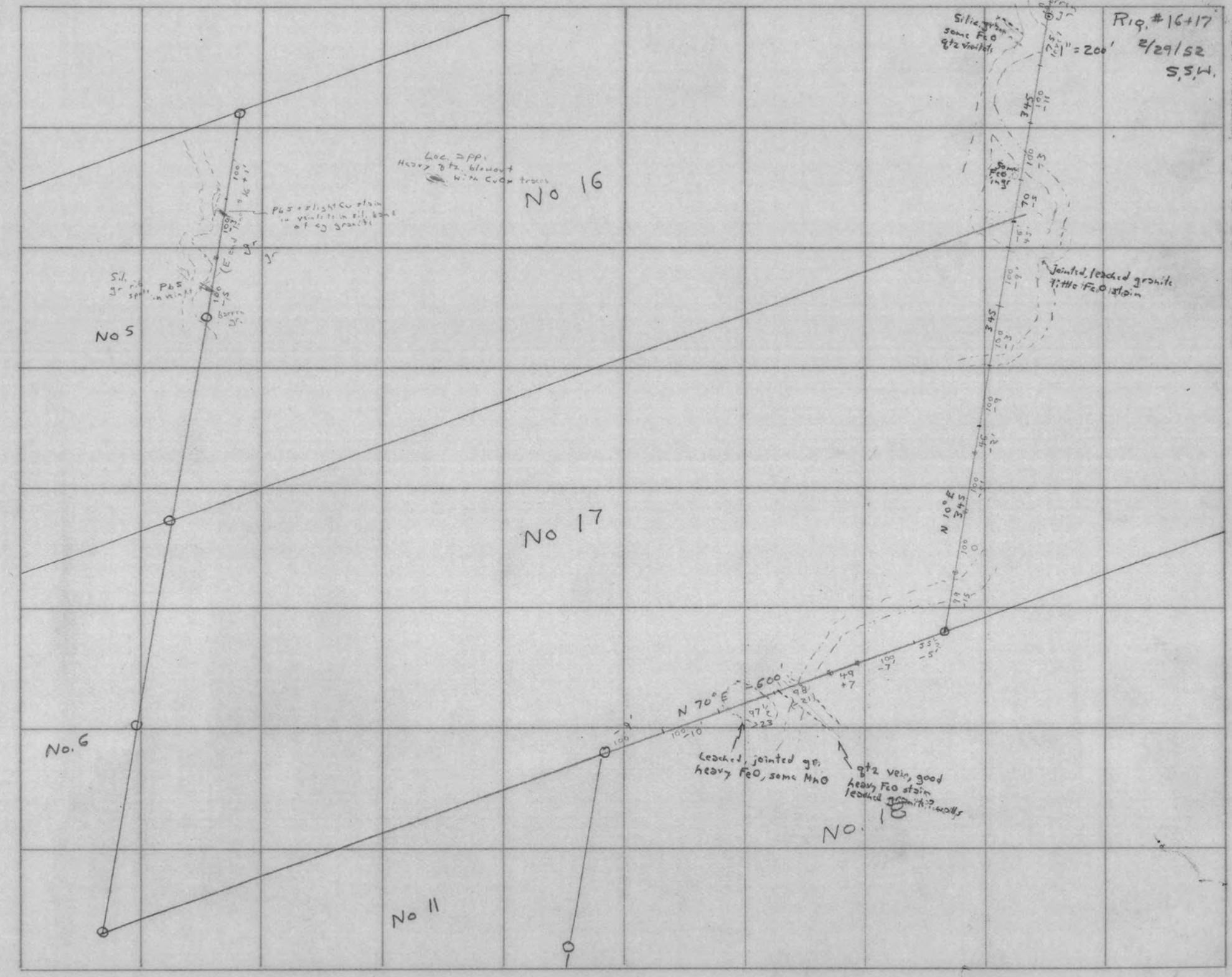
No. 13
No. 14
No. 15
21
20
19
Disc.
Disc.
13-1
13-2
14-1
14-2
14-3
15-1
15-2
20-4
20-7
24
25

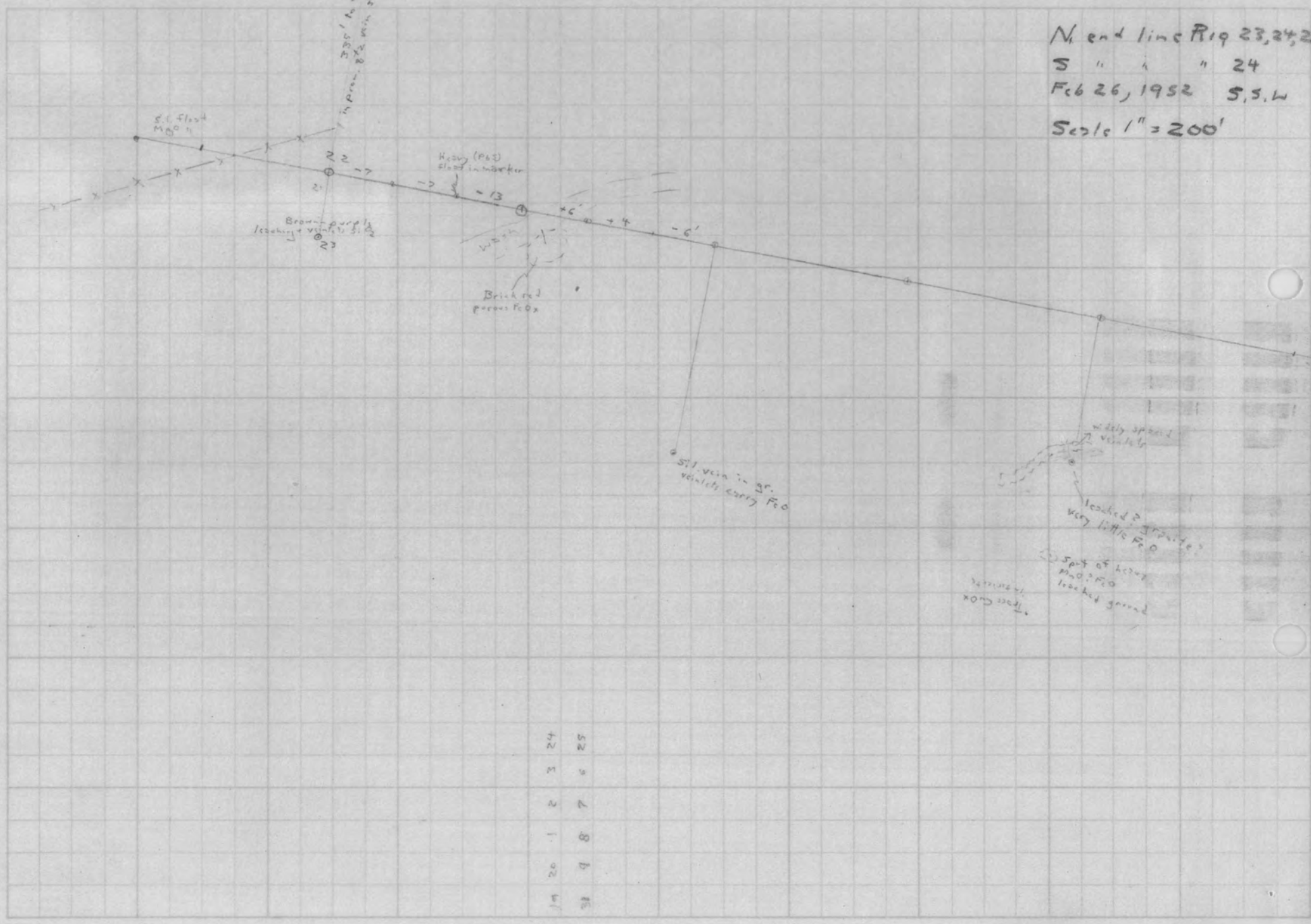

N end line
26+27
N ℄
25
-3°
-5'
-10°
79
-14
N end line
26+27
Alt disk, good alt
-2°
00
good?
-2°
Weathered non-min. granite
00
-1½°
80
-3°
00
+3'
-2°
Float
00
-2°
+ 25
# 23
+ 24
4' breccia zone
South end line
#24+25
-11°
88
-17'
Float
-11°
98
-19
Rhy Float
-7°
99
-12
-6°
99
-10
Rhy Float
-7°
99
-12
-4°
-7'
-3°
-5'
-2°
-3½'
-5°
-9'
-4°
-7'
Rhy Float
Rhy Float
-3°
-5
-5°
-9'

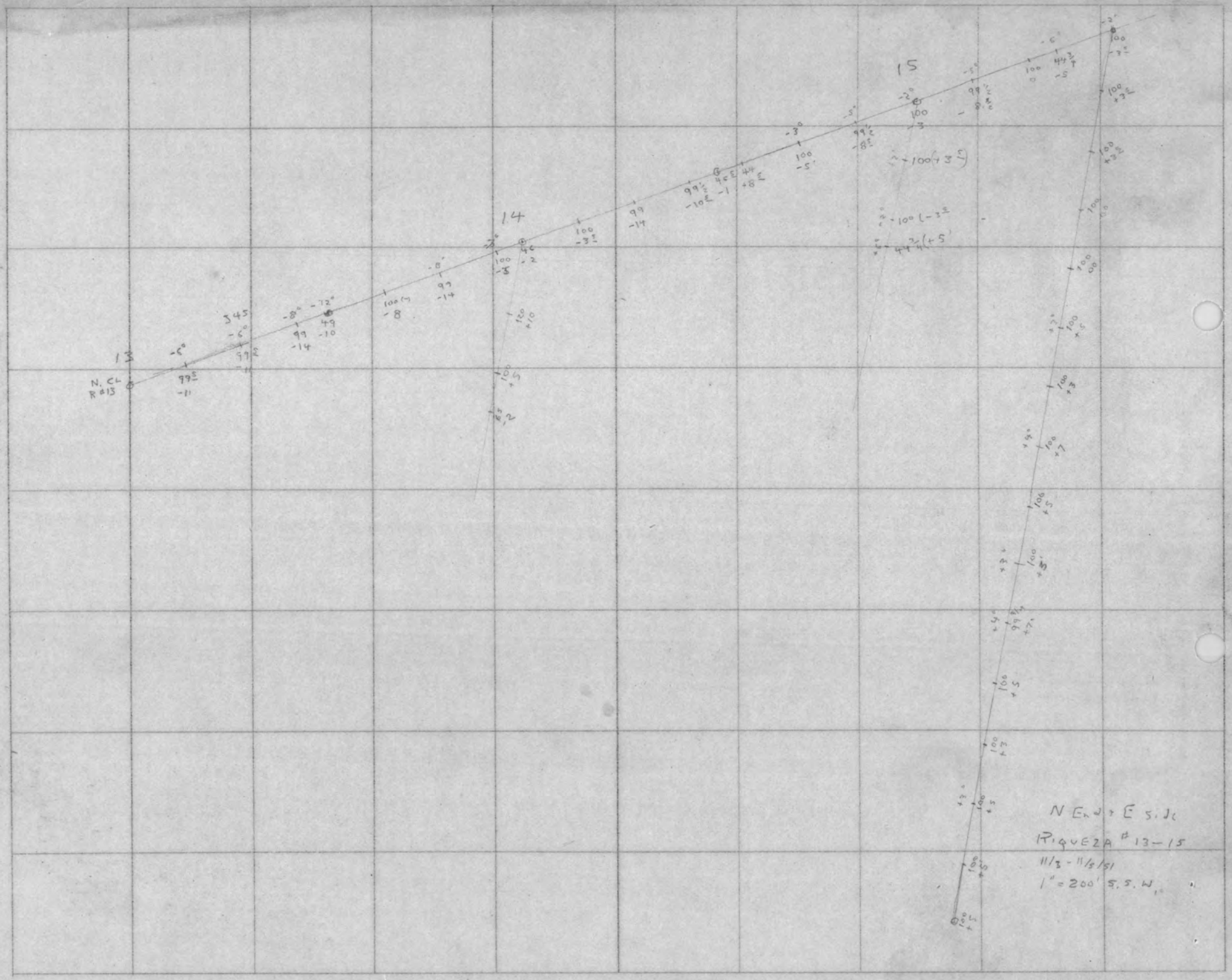

RIQUEZA #18
1" = 200'
2/29/52 S.S.W.
#17
No 18
N 70° E
115'
#15
#11
#14
#13
Heavy qtz body
(lowest of group
tourmaline.
345'
-5'
-3'
-7'
-7'
-7'
-5'
-3'
-7'
-7'

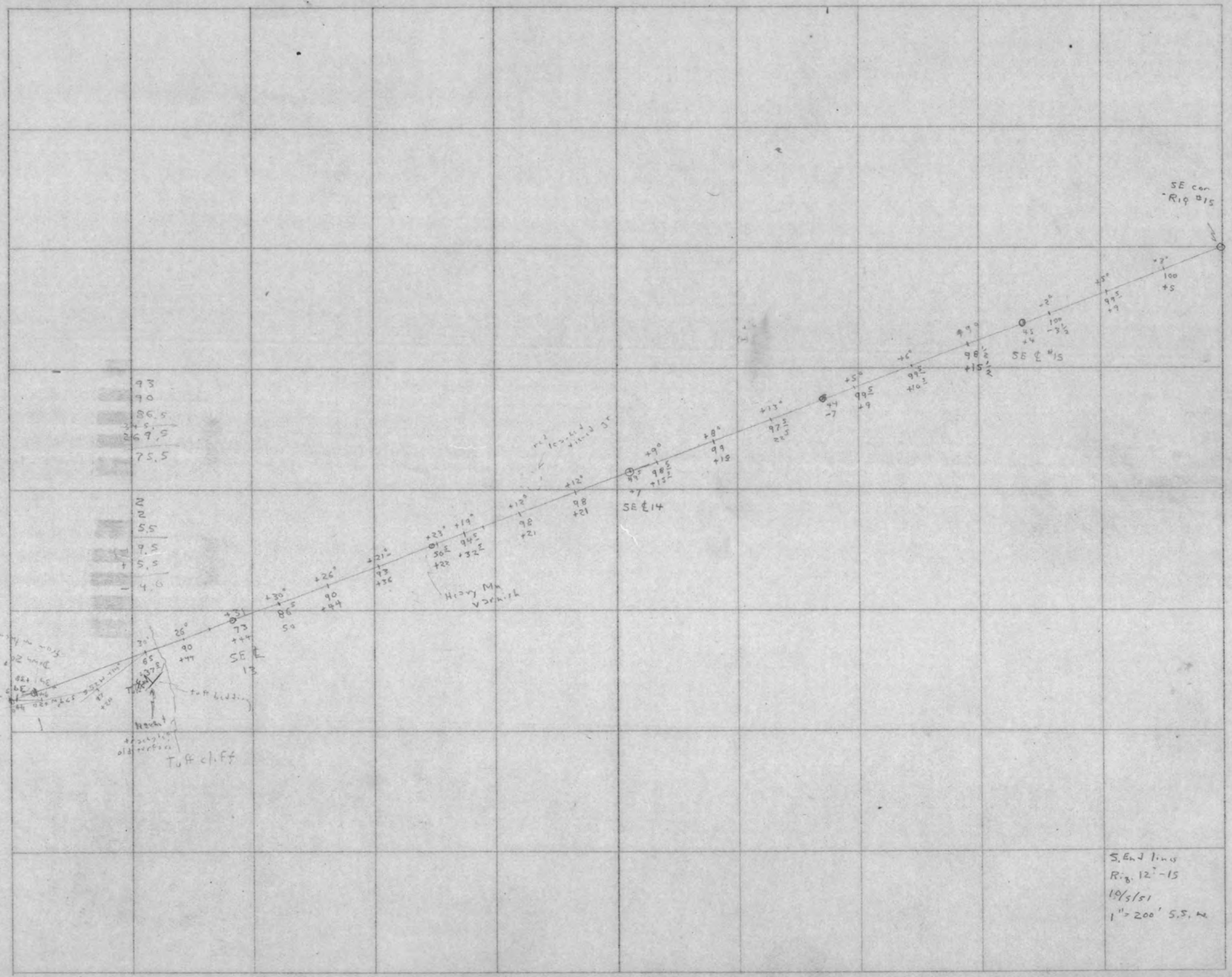

East side line
RIQUEZA #19
3/6/52 S.S.W.
1" = 200'
NE cor #19
NE cor R 19
Abandoned cut
Dark brown leached granite
Abandoned location cut
Dark brown, thor. leached latite? or granite
no bedrock exposed in wash
round hill quartz float
SE cor #19


FORTUNA NO. 4
FORTUNA NO 2
SILVER LEAD
Proposed FORTUNA NO. 8
Latite por
some dis vuggy
brown to black FeO
Narrow seams FeO
Disc.
1500
170
1330
300'
N 10 E
340'
N 88°E
JOSEPHINE
22 23
27 26
ADDITION


Rig. #16+17
2/29/52
S.S.W.
1" = 200'
No 16
No 17
No 18
No 5
No. 6
No 11
Loc. app.
Heavy qtz. blowout
with CuOx traces
Pb5 + slight Cu stain
in veinlets in sil. band
of eg granite
Sil.
gr rib
spots
Pb5
in veinlet
barren
gr.
Silic. gr.
some FeO
qtz veinlets
Some
FeO
in gr
Jointed, leached granite
little FeO stain
N 10° E
N 70° E
600'
Leached, jointed gr.
heavy FeO, some MnO
qtz vein, good
heavy FeO stain
leached granite walls


N. end line Rig 23, 24, 25
S " " " 24
Feb 26, 1952 S.S.W
Scale 1" = 200'
Sil. float
Mg0 "
335' to disc.
in prom. 8 x 2 vein st. N 45° W
22
-7
-7
-13
+6'
+4
-6'
Heavy (PbS) float in marker
Brown purple leaching veinlets SiO2
23
Brick red porous FeOx
Sil. vein in gr. veinlets carry FeO
widely spaced veinlets
leached? granite? very little FeO
Spot of heavy MnO? FeO leached ground
Trace CuOx
19 20 1 2 3 24
31 9 8 7 6 25


13
N. CL
R #13
14
15
N End + E side
RIQUEZA # 13-15
11/3 - 11/5/51
1" = 200' S.S.W.

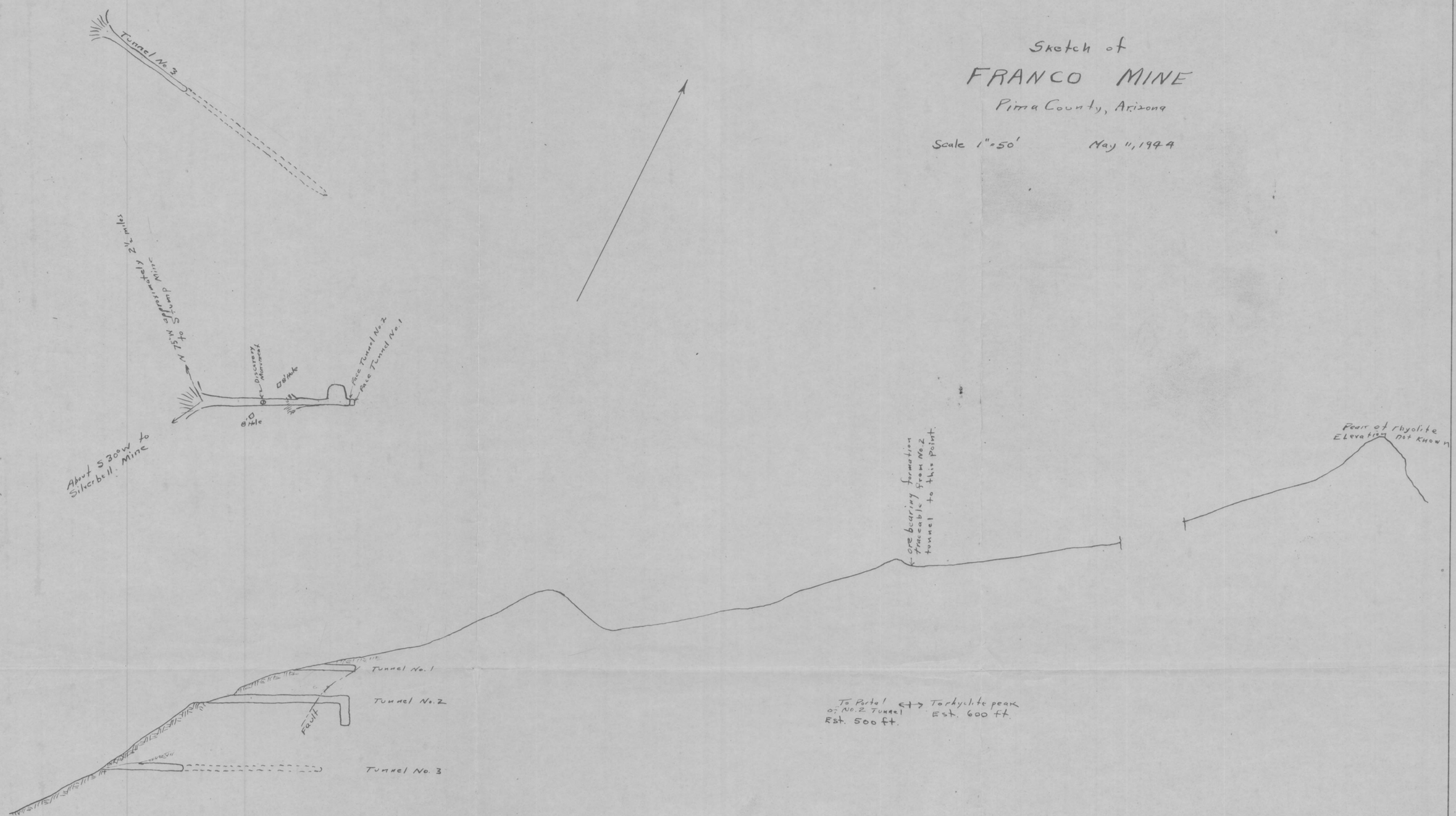

SE cor
Rig #15
SE ℄ #15
SE ℄ 14
SE ℄ 13
Heavy Mn
Tuff cliff
93
90
86.5
269.5
75.5
2
2
5.5
7.5
5.5
4.0
S. End lines
Rig. 12'-15
10/5/51
1" = 200' S.S. ne

Sketch of

FRANCO MINE

Pima County, Arizona

Scale 1" = 50' May 11, 1944



~~Test Instruments~~
~~Oscilloscope~~ -
~~Vacuum Tube - Battery Operated~~ -

Fortuna - Riqueza History

Phil Head (Buena Vista Located April 10, 1935)

Original owner Rafael C. Franco. ~~Mr. Greenwood~~ About June 1, 1940 Mr. John Greenwood secured a bond and lease from Franco with a 90 day option, ~~total~~ price $30,000. Greenwood lost out as he did not perform under the option.

¶ Mr. Tenney, Shattuck-Dunn examined property examined property prior to Dec. 28, 1941. Property turned down because they wanted shipping ore to Bisbee. However they thought it was worth sinking some drill holes.

~~¶ Mr. Phil Head became half owners of property at some stage.~~

Mr. Franco died about June 1, 1942 leaving six daughters and one son as heirs. Head became administrator Aug 13, 1946 (Petition - Letters of Administration No. 11006) As of April 11 1944 (obtained financial aid from John Sundt, Tucson contractor)

Mr. Dietrich had driven the lower tunnel ahead 210 to 220 feet from portal. This tunnel was started by Mr. Klamp

Court issued an order permitting Head to make a contract with Pacific Bridge Company, San Francisco, California giving the latter an option. This same petition to the court for the contract stated that Greenwood should receive a 1/3 interest in anything realized from the sale of the property.

Mrs. Ruby Shaw, daughter of Franco.

Mr. Head died prior to March 4, 1949

over

Lease & option executed June 28, 1950 between
Ruby Shaw & Estate of Rafael C. Franco lessor &
Robert M. Adams Company, lessee

Checking of claims and
Geologic report by Ted Dodge ,1950

Suerte, Fortuna and Esperanza claims located 12/27/50

Location work completed on 3 claims above ~~on~~ 1/14/51
as well as making other 6 claims legal

THE FRANCO MINE

The Franco Mine is located in the north end of the Silver Bell Mountains, Pima County, Arizona, about 45 miles by road from Tucson. It is said to be about 16 miles from Red Rock, a station on the Southern Pacific Railroad. The property consists of six unpatented mining claims, known as the Buena Vista; Mountain Side; Josephine; Tinaja; Silver-Lead; and the Addition. It is owned by Mr. Head and the heirs of Mr. Franco. On what is said to be the Silver-Lead claim there is a U. S. Mineral Land Office Survey marker indicating the corner common to sections 22, 23, 26, and 27, in T 11 S., R 8 E., G. & S. R. M. The Workings hereafter described are in section 23.

The country rock has been described as quartz porphyry, also as granitic porphyry. The ore deposit does not appear to be a vein and it is thought to be a disseminated deposit in the porphyry.

Workings consist of four tunnels and various shallow holes. The workings which are in ore are the No. 1 and No. 2 tunnels shown on the attached sketch. The upper tunnel (No. 1) was driven through altered porphyry a distance of about 20 ft., measured from the portal, where a fault or slip was encountered. The tunnel was driven forward about two feet or more. The rock was less altered and sulphide minerals came in. However, this tunnel was stopped and another one driven in the same direction about 24 ft. below.

The lower tunnel, designated as No. 2 on the attached sketch, was driven through altered porphyry a distance of 59 ft. This rock contained a small amount of sulphide minerals and assays for gold and silver indicated low values in certain places. At 59 ft. the tunnel passed through a fault or slip which was presumably the same one cut by the No. 1 tunnel. This tunnel was continued for 23 ft. past the fault through less altered porphyry. All of the 23 ft. was in ore. Minerals visible to the eye were galena, chalcopyrite, sphalerite and pyrite. The sides, roof and face of the tunnel showed bunches of galena, sphalerite and chalcopyrite, and there was pyrite finely disseminated throughout the porphyry. In the face of the tunnel when visited on June 12, 1940, there was one bunch of solid sulphide minerals nearly a foot square. The ore appeared to be higher grade toward the face than near the slip.

The slip or fault in the upper tunnel appeared to have more or less the same inclination as in the lower tunnel where it was found to measure 57 degrees.

A winze was sunk a depth of 16.4 ft. at the face of the No. 2 tunnel and there were sulphides of lead, zinc and copper showing from the top to bottom in this winze.

A third tunnel, No. 3, was driven at an estimated distance of 50 ft. below the level of the No. 2 tunnel. In February 1941, this tunnel was in a distance of 74 ft. measured from the beginning of the open cut, or 42 ft. from the portal. At that time there

were no indications of ore in this tunnel. In April 1944, I was told by Mr. Head that Mr. Dietrich and Mr. John Sundt, both of Tucson, had carried this tunnel forward to a total distance of 210 or 220 ft., but it had not passed through the fault seen in tunnels 1 and 2. However, some stringers carrying mostly copper were found in this tunnel. Attention is called to the attached sketch showing the No. 3 tunnel, in solid lines, as it existed in February 1941; and by dotted lines, a total length of 200 ft. from the beginning of the open cut. The tunnel as it now exists may or may not have passed through the fault or slip cut by both the No. 1 and 2 tunnels. This would depend upon the strike of the fault, and sufficient data is not available to determine that accurately. Furthermore, in making the sketch, the exact difference in elevation between tunnels No. 2 and 3 was not known, but is was assumed to be 50 ft.

Mr. Franco stated that the high grade ore was hand sorted from tunnel No. 2, and a representative sample of this high grade sent to the American Smelting & Refining Company for analysis with the following results:

Gold	0.33 ozs. per ton
Silver	16.3 ozs. per ton
Lead	28.9%
Zinc	26.4%
Copper	1.32%

At some time prior to June 12, 1940, Mr. John Daily of Tucson is said to have taken a sample in the No. 2 tunnel by pushing a wheelbarrow lengthwise of the tunnel on one side and breaking a channel sample over a length of 20 ft. from the slip to the face. The party giving me this information stated the sample assayed as follows:

Gold	0.10 ozs. per ton
Silver	1.0 ozs. per ton
Lead	1% (approximately)

On September 9, 1940, Mr. John Greenwood of Tucson presented an assay certificate which was said to represent a sample of ore that was moiled from the entire face of No. 2 tunnel in the month of August 1940. This assay made by Mr. Jacobs of Tucson was as follows:

Gold	0.04 ozs. per ton
Silver	1.8 ozs. per ton
Lead	4.9%
Zinc	4.3%
Copper	1.05%

At the same time Mr. Greenwood presented an assay certificate from the Montana Mine of the Eagle-Picher Mining & Smelting Company at Ruby, Arizona, on which appeared the following data:

FRANCO MINE, SILVER BELL DISTRICT

Gold	0.08 ozs. per ton
Silver	5.2 ozs. per ton
Lead	11.6%
Zinc	18.3%
Copper	6 %

"Dear Franco: This was from a piece best of last round and a piece best from round before.
L. P. May"

When the prospect was visited in September 1941, a winze had been sunk below the No. 2 tunnel a distance of a little over 16 ft. The ore in the bottom of the winze appeared to be material that had been shot loose in the last round, but never mucked out. A sample of this ore was taken by scooping up material that was believed to represent an average of the pile. This sample assayed as follows:

Gold	0.05 ozs. per ton
Silver	1.32 ozs. per ton
Lead	3.5%
Zinc	3.0%
Copper	0.10%
Insoluble	71.2%
Silica	53.0%
Iron	4.3%
Cao	1.8%
Sulpher	6.3%
Al_2O_3	12.7%

Also in September 1941, a carefully selected sample was taken from rock on the dump which contained pyrite only. All pieces were rejected which contained visible minerals of lead, zinc or copper. This sample was assayed to determine if it carried any appreciable values in gold and silver. An assay showed only a trace of gold and 0.29 ozs. silver per ton. The sample was then ground and concentrated by flotation. The concentrate produced amounted to 4.4% of the weight of the ore and assayed 0.053 ozs. of gold and 3.82 ozs. of silver per ton. From this test it appears that the precious metals are definitely associated with the sulphides of lead, zinc and copper.

The property has been examined briefly by various mining people, at least two of whom represented major mining companies. All who have seen the property have expressed considerable interest owing to the fact that the deposit appears to be disseminated rather than a vein. The geology has not been studied carefully, but it is believed the ore bearing formation extends north from the portal of No. 2 tunnel a distance of at least 500 ft., as determined by outcrops and in all probability it extends farther north, but is covered by overburden consisting mainly of rhyolite from the peaks forming the ridge north of the mine. The east-west extention of the ore bearing formation has not been definitely determined but is believed to measure at least several hundred feet. The property could probably be best prospected by diamond drilling and this could, no doubt, be accomplished by a small number of compara-

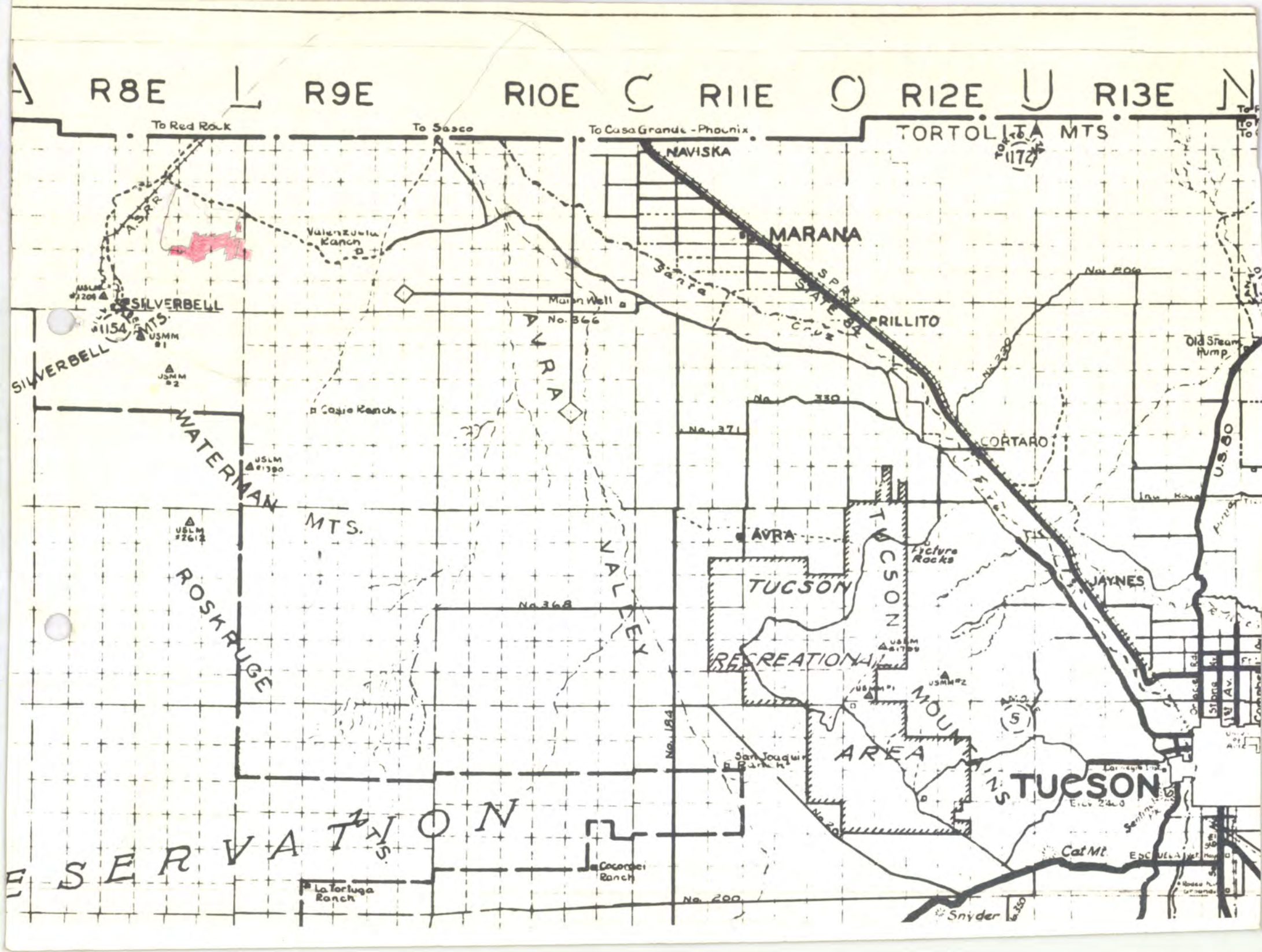
tively shallow holes. Taking all factors into consideration, the property is worthy of further exploration work owing to the possibility of developing a large low grade ore body carrying values in gold, silver, lead, zinc and copper.

Tucson, Arizona
May 12, 1944

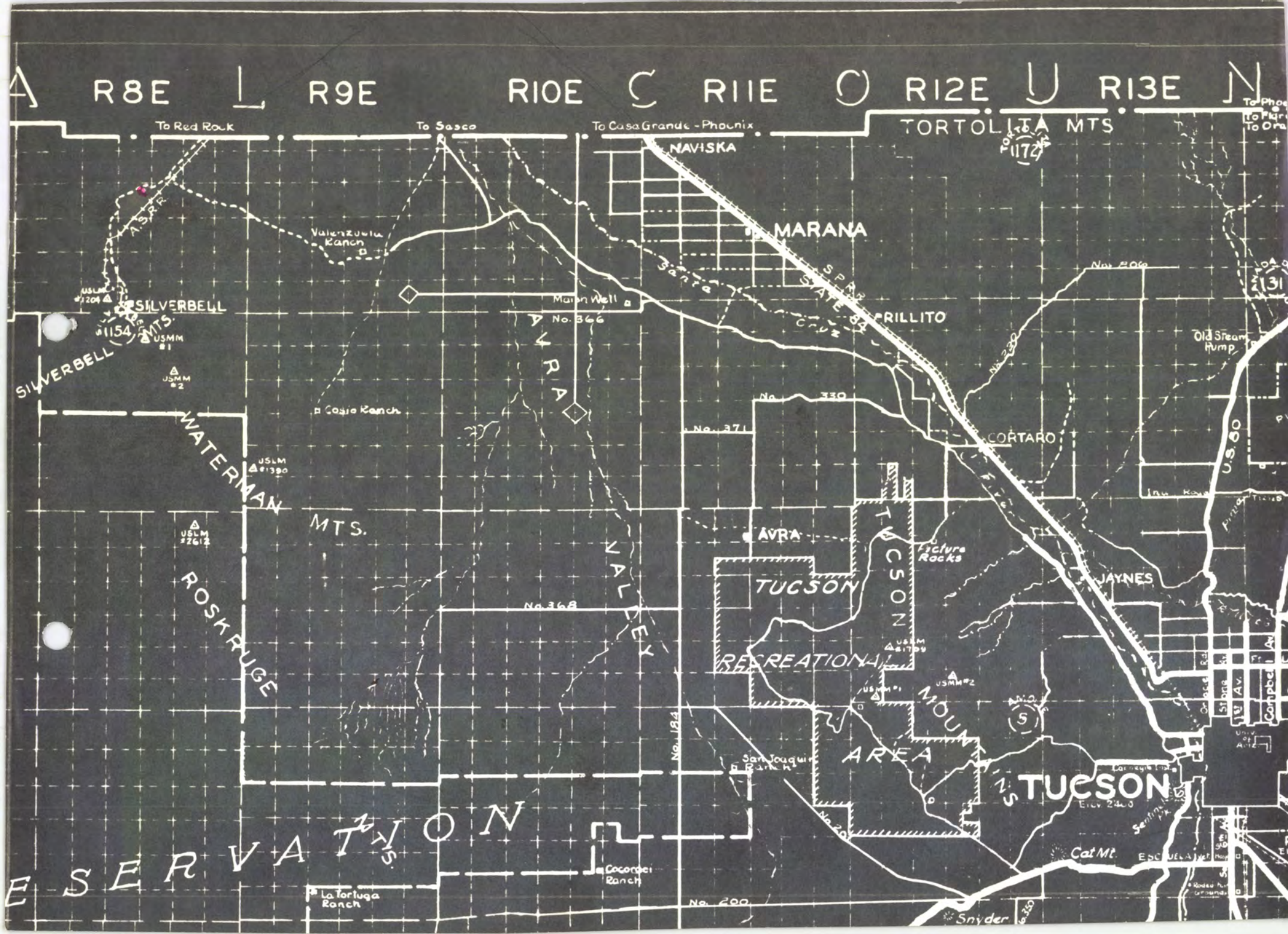
~~Poor Boy 1 & 2~~ ✓	~~1019~~	~~345, 346~~	Sec 8 T13S R9E
~~Ragweed~~	~~929~~	~~170~~	
~~Rainbo Mine~~	~~968~~	~~441~~	
~~Riddle Mayoment~~	~~876~~	~~169~~	
~~Roxanne 1 & 2~~	~~890~~	~~21, 22~~	
~~Roxanne 3-6~~ ~~Robin~~	~~958~~	~~302-305~~	
~~Silver Dream 1, 2~~ ✓	~~954~~	~~293-294~~	Sec. 7 T11S R7E
~~Silver Chalice~~	~~1129~~	~~184~~	
~~Squabble 1-6~~	~~1098~~	~~368-371~~	
	~~1102~~	~~55-56~~	
	~~1105~~	~~516~~	
~~Terry K~~ ✓	~~1006~~	~~502~~	Sec 5 T12S R8E
	~~903~~	~~436~~	
~~Uranium 1 & 2~~	~~870~~	~~468~~	

Jess From July 1, 1955

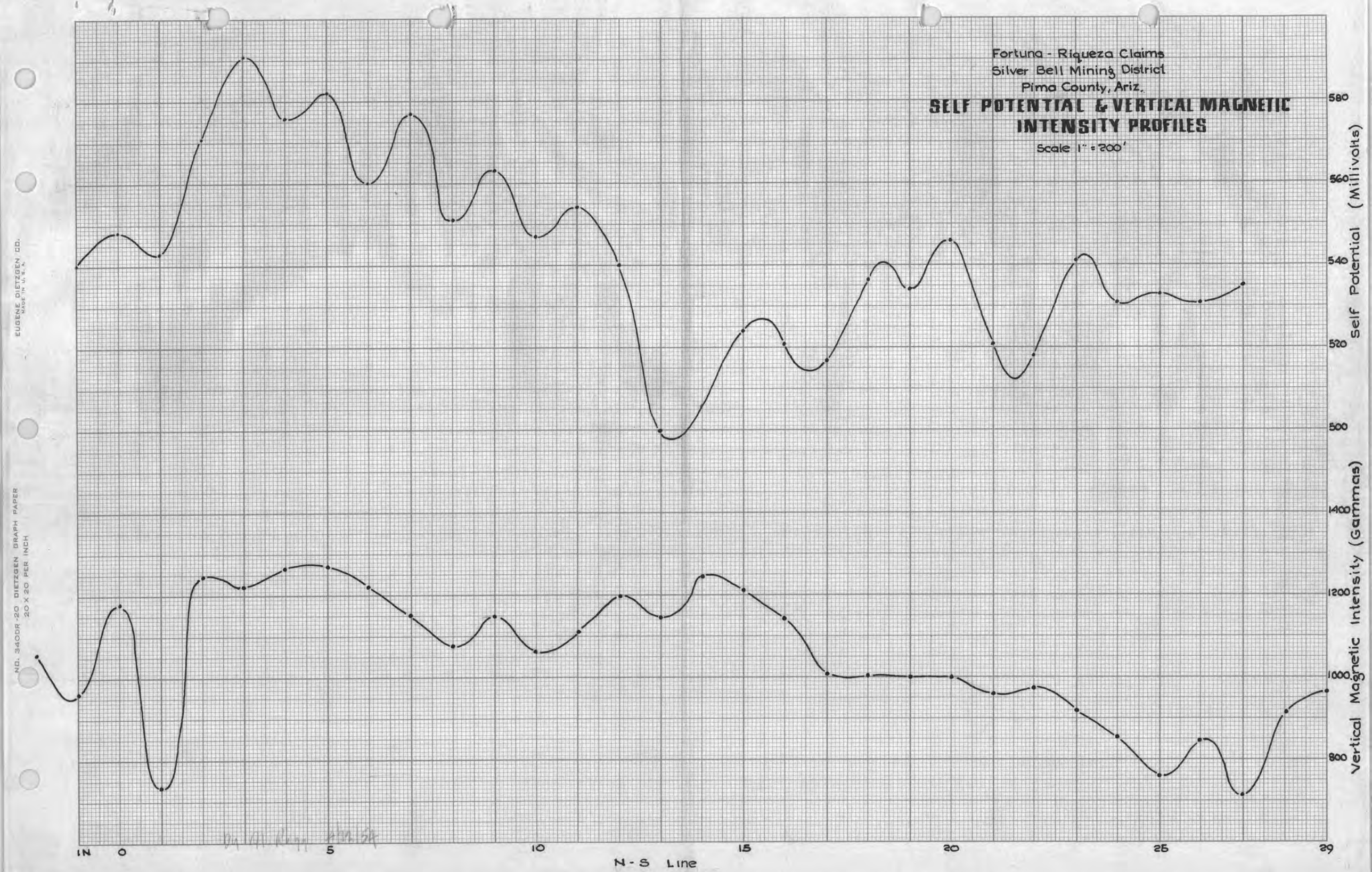
Claim	Book	Page	
~~Alas Alice~~ ✓	~~929~~	~~168~~	} Check
P11 ~~Alas Elizabeth~~ ✓	~~929~~	~~169~~	
~~Apache #1 and #2~~	~~996~~	~~343, 344~~	
~~Clarence~~	~~929~~	~~172~~	
CO 8 ✓	955	464	Sec 15 T12S R9E A S & R
Debra 1, 2, 3 ✓	964	345, 346, 347	Sec 4 T15S R9E
Desengano 1, 2 ✓	1077	76, 77	Sec 5 T12S R8E
Garnet Reef Hthrn 8 ✓	1006	497 - 501	Sec 8 T12S R8E
✓	1033	594 - 596	Sec 5 T12S R8E
Hod No 1-64	~~981 -~~	~~250 - 280~~	Laylander SW of Silverbelle
	~~989 -~~	~~590 - 600~~	
	~~990~~	~~1 - 22~~	
~~Isaac Magonical~~	~~876~~	~~168~~	
Jimbob 1-18 ✓	~~958~~	~~300 - 301~~	Sec 6 T13S R9E
	~~972~~	~~511 - 514~~	Sec 7 T13S R9E
	~~975~~	~~217 - 228~~	
~~Jack Magonical~~	~~873~~	~~315~~	
~~Jolla Negro~~	~~1012~~	~~33~~	
~~Judy Magonical~~	~~876~~	~~167~~	
~~Katy "~~	~~873~~	~~314~~	
K.S. & S. 1-16 ✓	1079	502 - 508	Sec 8 T12S R8E
✓	1084	220 - 225	
✓	1109	546 - 547	
✓	1129	185	
~~La Hermosa Darmanda~~	~~1012~~	~~32~~	
~~Little Dot~~	~~942~~	~~37~~	
~~Lucky No. 1-3~~	~~1006~~	~~494 - 496~~	
" ~~6-8~~ ✓	~~1033~~	~~597 - 599~~	Sec. 32 T11S R8E
~~Magonical No 5~~	~~863~~	~~528~~	
~~Magonical Jacqueline Hay~~	~~876~~	~~170~~	
~~May No. 15~~	~~896~~	~~271~~	
O & A 1-9 ✓	977	273 - 281	Sec Cor 22/23 27/26 T?
PDN 1-8 ✓	927	479 - 492	T11S R9E Sec. 18 ?
~~Penny 1-34~~	~~950~~	~~77 - 78~~	
	~~1070~~	~~254 - 273~~	
	~~1084~~	~~426 - 438~~	



R8E
R9E
R10E
R11E
R12E
R13E
To Red Rock
To Sasco
To Casa Grande - Phoenix
TORTOLITA MTS
NAVISKA
MARANA
RILLITO
CORTARO
JAYNES
TUCSON
AVRA
AVRA VALLEY
SILVERBELL
SILVERBELL MTS.
WATERMAN MTS.
ROSKRUGE
TUCSON RECREATIONAL AREA
TUCSON MOUNTAINS
Valenzuela Ranch
Main Well
No. 366
Casio Ranch
No. 330
No. 371
No. 368
No. 184
No. 200
No. 206
No. 230
No. 20
Old Steam Pump
Picture Rocks
San Joaquin Ranch
Cocoraci Ranch
La Tortuga Ranch
Cat Mt.
Snyder
U.S. 80
ESERVATION



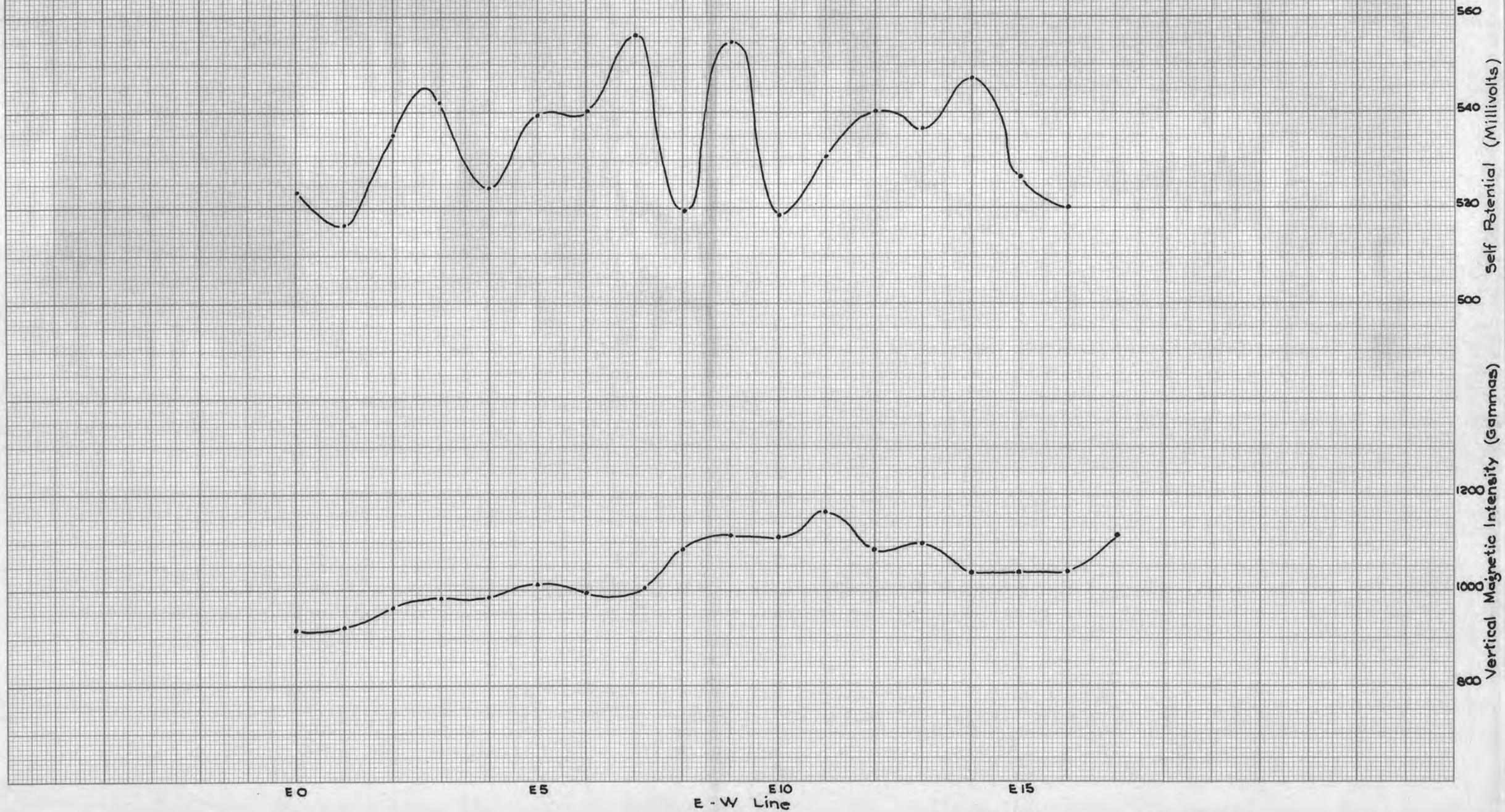
A R8E L R9E R10E C R11E O R12E U R13E N
To Red Rock
To Sasco
To Casa Grande - Phoenix
TORTOLITA MTS
NAVISKA
MARANA
Valenzuela Ranch
SILVERBELL
SILVERBELL MTS.
Main Well
No. 366
AVRA
RILLITO
Santa Cruz
STATE 84
Cosio Ranch
WATERMAN MTS.
ROSKRUGE
No. 330
No. 371
CORTARO
Old Steam Pump
U.S. 80
AVRA
VALLEY
TUCSON
Picture Rocks
JAYNES
No. 368
TUCSON RECREATIONAL AREA
MOUNTAINS
No. 184
San Joaquin Ranch
TUCSON
Cat Mt.
Cocoraci Ranch
La Tortuga Ranch
No. 200
Snyder
ESERVATION


Fortuna - Riqueza Claims
Silver Bell Mining District
Pima County, Ariz.
SELF POTENTIAL & VERTICAL MAGNETIC INTENSITY PROFILES
Scale 1" = 200'
Self Potential (Millivolts)
580
560
540
520
500
Vertical Magnetic Intensity (Gammas)
1400
1200
1000
800
IN
0
5
10
15
20
25
29
N-S Line
EUGENE DIETZGEN CO.
MADE IN U.S.A.
NO. 340DR-20 DIETZGEN GRAPH PAPER
20 X 20 PER INCH

Fortuna - Riqueza Claims
Silver Bell Mining District
Pima County, Ariz.

SELF POTENTIAL & VERTICAL MAGNETIC INTENSITY PROFILES

Scale 1" = 200'



EUGENE DIETZGEN CO.
MADE IN U. S. A.
NO. 340DR-20 DIETZGEN GRAPH PAPER
20 X 20 PER INCH

MAGNETOMETER DATA SHEET

AREA Fortuna - Riqueza Claims LOCATION Ragged Top, Silver Bell, Ariz LINE

OPERATORS Rugg & Lamanuzzi BASE DATUM 1000 INST. NO. SCALE VALUE 12.5γ/S.D. DATE 4/12/54

STATION	TIME	N. TO E. N. TO W.	AVERAGE READING S.D. (1)	AUX. MAGNET & POSITION	AUX. MAG. CORR. S.D. (2)	DIURNAL PLUS BASE CORR. S.D. (3)	(1) PLUS (2) PLUS (3) S.D.	INTENSITY GAMMA	REMARKS: GEOLOGY (MINERALIZATION, RIDGES, VALLEYS, BLUFFS, FORMATIONS, STREAMS, DIPS, STRIKES.) CULTURE (SURVEY MONUMENTS, BRIDGES, PIPE LINES, CULVERTS, ROADS, FENCES, PITS, CORNERS, SHAFTS, BUILDINGS, POWER LINES.)
19	11:17 11:19	39.4 40.2	39.8						This station in bottom of wash
19	11:19 11:20	38.4 40.2	39.3					1000	
19	11:20 11:20	38.4 40.0	39.2						
20	11:26 11:27	38.0 40.4	39.2			39.3	-0.1	999	
21	11:30 11:30	35.1 36.9	36.0			39.3	-3.3	959	(41)
22	11:34 11:34	36.2 38.2	37.2			39.4	-2.2	973	(27)
23	11:38 11:39	32.0 34.0	33.0			39.5	-6.5	919	(81)
24	11:43 11:44	26.9 29.1	28.0			39.6	-11.6	855	(145) This station in wash
25	11:47 11:47	20.0 20.8	20.4			39.6	-19.2	760	(240) This station, side of wash
26	11:52 11:53	25.9 28.2	27.0			39.7	-12.7	841	(159) This station 20' North of cabin site.
27	11:55 11:56	16.2 17.5	16.9			39.8	-22.9	714	(286) This station next to road.
28	12:00 12:01	32.8 32.8	32.8			39.8	-7.0	912	(88)
29	12:06 12:07	36.3 37.7	37.0			39.9	-2.9	964	(36)
19	12:15 12:16	39.2 41.0	40.1						This station in bottom of wash.
19	12:17 12:19	39.3 41.0	40.2						"
19	12:40 12:43	38.9 40.8	39.9						"
19	12:44 12:44	38.8 40.9	39.8						"
18	12:46 12:47	39.2 40.9	40.1			39.9	0.2	1003	(3) "
17	12:50 12:50	39.9 41.0	40.5			39.9	0.6	1008	(8)
16	12:54 12:54	48.3 49.9	49.1			39.9	9.2	~~1142~~ 1115	~~142~~ 115
15	12:56 12:56	55.8 57.8	56.8			39.9	16.9	1211	211
14	1:00 1:01	58.1 60.4	59.3			39.9	19.4	1242	242
13	1:03 1:04	51.0 51.9	51.5			39.9	11.6	1145	145
12	1:06 1:07	55.1 56.1	55.6			39.9	15.7	1196	196
11	1:09 1:10	47.9 49.3	48.6			39.9	~~8.7~~ 8.8	~~1198~~ 1198	~~110~~ 109
10	1:12 1:13	44.3 45.6	45.1			39.9	5.2	1065	65
9	1:15 1:16	51.2 52.4	51.8			39.9	11.9	1149	149
8	1:18 1:18	44.9 46.9	45.9			39.9	6.0	1075	75.
7	1:20 1:21	51.7 52.3	52.0			39.9	12.1	1151	151
6	1:23 1:24	56.8 58.3	57.6			40.0	17.6	1220 ~~1221~~	~~221~~ 220

(2)

MAGNETOMETER DATA SHEET

AREA Fortuna-Riqueza Claims LOCATION Ragged Top, Silver Bell, Ariz. LINE

OPERATORS Rugg & Lamanuzzi BASE DATUM INST. NO. SCALE VALUE 12.5γ/S.D. DATE 4/12/54

STATION	TIME	N. TO E. N. TO W.	AVERAGE READING S.D. (1)	AUX. MAGNET & POSITION	AUX. MAG. CORR. S.D. (2)	DIURNAL PLUS BASE CORR. S.D. (3)	(1) PLUS (2) PLUS (3) S.D.	INTENSITY GAMMA	REMARKS: GEOLOGY (MINERALIZATION, RIDGES, VALLEYS, BLUFFS, FORMATIONS, STREAMS, DIPS, STRIKES.) CULTURE (SURVEY MONUMENTS, BRIDGES, PIPE LINES, CULVERTS, ROADS, FENCES, PITS, CORNERS, SHAFTS, BUILDINGS, POWER LINES.)
5	1:26 1:27	60.3 68.8	61.6			40.0	21.6	1270	270
4	1:31 1:32	60.4 62.1	61.2			40.0	21.2	1265	265
3	1:35 1:35	57.1 58.3	57.7			40.0	17.7	1221	221
2	1:38 1:38	59.2 60.0	59.6			40.0	19.6	1245	This STATION ON Rhy Lite? Dike
1	1:41 1:42	18.2 19.4	18.8			40.0	-21.2	735	This STATION ON Dark Colored Rock
0	1:44 1:45	54.3 54.2	54.3			40.0	14.3	1179	179
1.N.	1:50 1:50	36.3 37.8	37.0			40.0	- 3.0	962	38
2.N.	1:54 1:54	44.3 45.4	44.9			40.0	4.9	1061	61
19	2:06 2:07	39.4 40.8	40.1					1000	This STATION IN Wash
19	2:08 2:09	39.4 40.8	40.1						
E6	2:11 2:12	38.8 40.2	39.5			40.1	-0.6	992	8
E5	2:14 2:15	40.4 41.6	41.0			40.1	0.9	1011	11
E4	2:20 2:20	38.0 39.6	38.8			40.1	-1.3	984	16
E3	2:24 2:24	37.9 39.4	38.7			40.2	-1.5	981	19
E2	2:26 2:27	36.4 37.8	37.1			40.2	-3.1	961	39
E1	2:30 2:30	33.3 34.3	33.8			40.2	-6.4	920	80
E0	2:32 2:34	32.7 33.8	33.3			40.2	-6.9	914	86
19	2:40 2:41	40.3 39.8	OMIT						
19	2:44 2:45	39.3							
19	2:45 2:46	39.3 38.0	38.6						
19	2:46 2:47	39.0 37.9	38.4						
E8	2:50 2:51	45.6 48.3	47.0			40.3	6.7	1084	84 This STATION IN WASH
E9	2:55 2:55	48.3 49.8	49.1			40.3	8.8	1110	110
E10	2:57 2:58	48.1 48.7	48.9			40.3	8.6	1107	107
E11	3:00 3:01	52.7 53.5	53.1			40.3	12.8	1160	160
E12	3:04 3:04	45.8 48.2	47.0			40.4	6.6	1082	82
E-13	3:07 3:07	46.8 48.8	47.8			40.4	7.4	1092	92

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MAGNETOMETER DATA SHEET

AREA Fortuna - Riqueza Claims LOCATION Ragged Top, Silver Bell, Ariz. LINE

OPERATORS Ruga & Lamanuzzi BASE DATUM INST. NO. SCALE VALUE 12.5 r/S.D. DATE 4/13/54

STATION	TIME	N. TO E. / N. TO W.	AVERAGE READING S.D. (1)	AUX. MAGNET & POSITION	AUX. MAG. CORR. S.D. (2)	DIURNAL PLUS BASE CORR. S.D. (3)	(1) PLUS (2) PLUS (3) S.D.	INTENSITY GAMMA	REMARKS: GEOLOGY (MINERALIZATION, RIDGES, VALLEYS, BLUFFS, FORMATIONS, STREAMS, DIPS, STRIKES.) CULTURE (SURVEY MONUMENTS, BRIDGES, PIPE LINES, CULVERTS, ROADS, FENCES, PITS, CORNERS, SHAFTS, BUILDINGS, POWER LINES.)
E 14	3:11 / 3:12	42.2 / 43.9	43.1			40.4	2.7	1034	34
E 15	3:15 / 3:15	42.6 / 44.2	43.2			40.4	2.8	1035	35
E 16	3:19 / 3:20	42.8 / 43.7	43.3			40.5	2.8	1035	35 THIS STATION IN wash
E 17	3:21 / 3:22	49.1 / 50.1	49.6			40.5	9.1	1114	114
19	3:30 / 3:30	39.8 / 41.0	40.4						
19	3:31	39.8 / 41.0	40.4						

U.G.C. 157

UNITED GEOPHYSICAL COMPANY

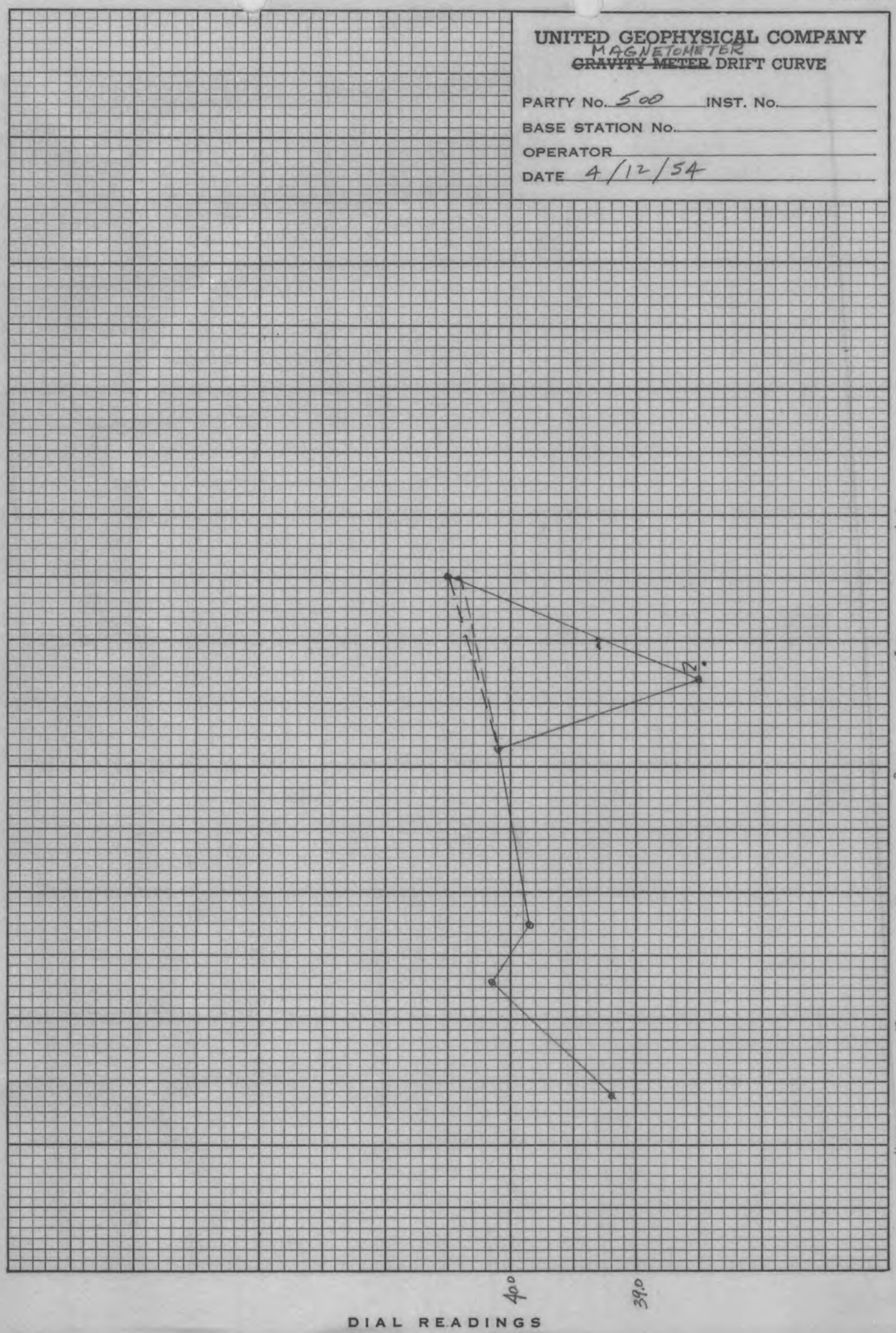
~~GRAVITY METER~~ MAGNETOMETER DRIFT CURVE

PARTY No. 500 INST. No.

BASE STATION No.

OPERATOR

DATE 4/12/54



MAGNETOMETER DATA SHEET

AREA T4S, R8E (Ragged Mtn.) LOCATION North of Silver Bell, Ariz. LINE

OPERATORS Rugg BASE DATUM INST. NO. SCALE VALUE 12 γ/S.D. DATE March 25, 1954

STATION	TIME	N. TO E. N. TO W.	AVERAGE READING S.D. (1)	AUX. MAGNET & POSITION	AUX. MAG. CORR. S.D. (2)	DIURNAL PLUS BASE CORR. S.D. (3)	(1) PLUS (2) PLUS (3) S.D.	INTENSITY GAMMA	REMARKS: GEOLOGY (MINERALIZATION, RIDGES, VALLEYS, BLUFFS, FORMATIONS, STREAMS, DIPS, STRIKES.) CULTURE (SURVEY MONUMENTS, BRIDGES, PIPE LINES, CULVERTS, ROADS, FENCES, PITS, CORNERS, SHAFTS, BUILDINGS, POWER LINES.)
1	11-52-45 57-30	52.9 53.3	53.1					637	Latite ± 90' SW of dump upper portal FORTUNA No 9 mine
2	12-10	32.9 33.0	33.0					396	" ± 300' NW of section corner
3	12-38	39.3 41.8	40.6					487	Bleached latite zone ± 500' S60°E from loc. monument FORT. #4.
4	12-48	51.9 50.9	51.4					617	West exposure of Ragged Mtn. Fault (red oxide area cutting access rd).
5	13-55	41.2 41.7	41.4					497	±250' N 30 E of loc. monument Fort. #3 (about 150' South of Ragged Mtn. Fault)
6	14-01	65.2 64.0	64.6					775	N 25°E -400' from loc. mon Fort. #3 (on rhyolite dike)
7	14-10	61.9 63.1	62.5					750	N 20 E -700' " " " " " (in monzonite field)
8	15-06	37.7 38.4	38.0					456	(± 70' SE of sta. 9) On diabase in bottom of arroyo
9	15-16	46.2 47.4	46.8					562	150' S 40 E from SE cor Rlo #15 (N edge of arroyo above diabase)
10	15-44	51.2 52.0	51.6					619	Red oxide stained monz. ±100' N 20 W from turn-around of high east access rd.
11	16-13	67.1 68.2	67.6					811	At PINTA well = bleached monzonite
12	16-21	52.7 53.1	52.9					635	About 150' E of NE corner PINTA claim

4/12/54

ck XR

Self Potential Fortuna-Riqueza Claims

Base Pot	Moving Pot	Potential Difference (V)		Drift Corr.	Base Corr.	Potential Corrected
13	13	-.0002		00	.500	
	14	+.0053	-10	.0063		506
	15	+.0220	-19	0239		524
	16	+.0184	-27	.0211		521
	17	+.0130	-35	0165		517
	18	+.0313	-43	0356		536
	E7	+.0508	-52	0560		556
	20	+.0395	-60	0455		546
	21	+.0141	-68	0209		521
	22	+.0098	-77	0175		518
	23	+.0323	-85	0408		541
	24	+.0213	-93	0306		531
	25	+.0228	-101	0329		533
	26	+.0202	-110	0312		531
	27	+.0228	-118	0346		535
13	13	-.0126				

362

4/12/54

ck HR

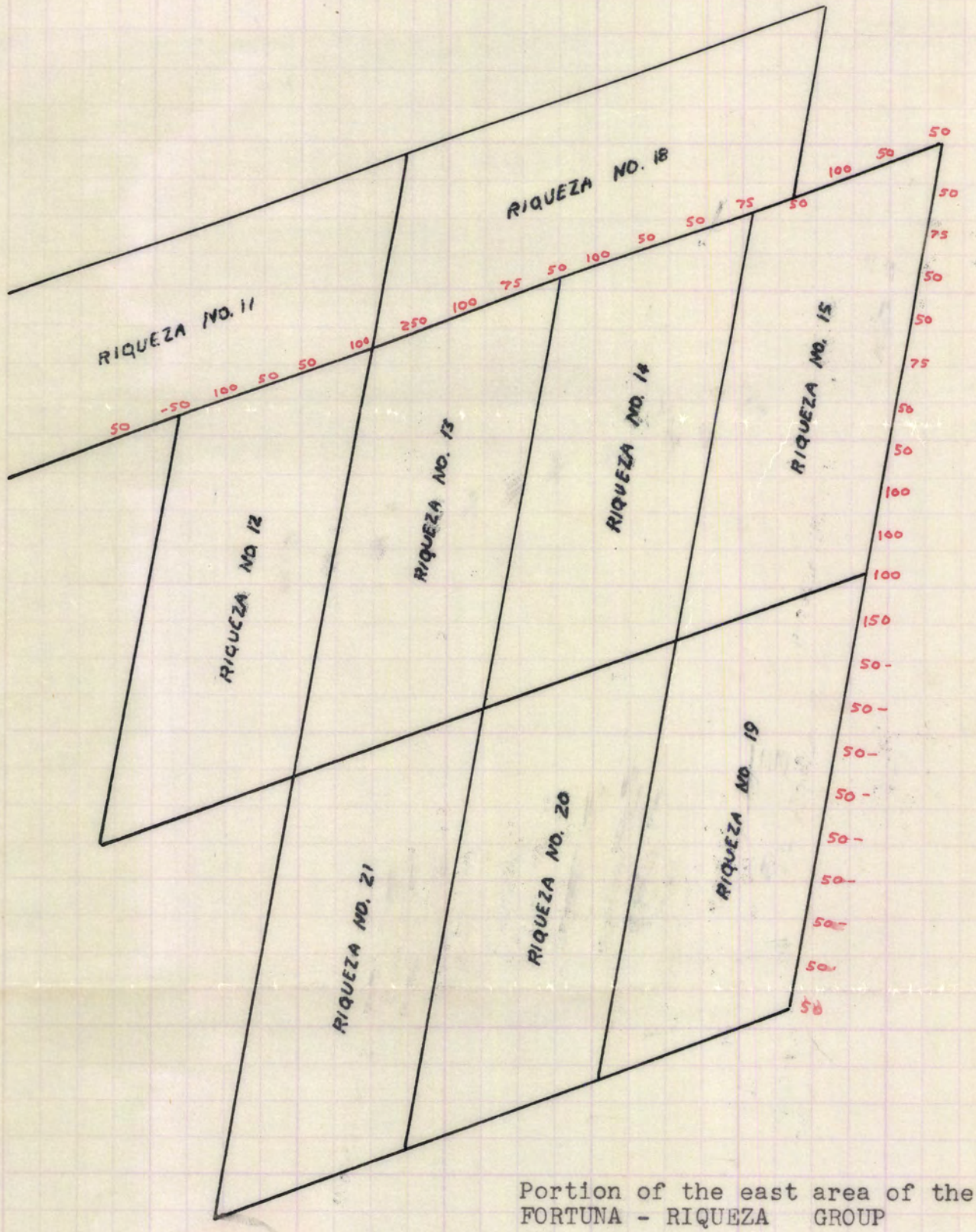
Self Potential Fortuna-Riqueza Claims

Base Pot	Moving Pot	Potential Difference (V)		Drift Corr.	Base Corr.	Potential Corrected
E5	E5	+0048		0	5393	539
	E4	-0100	0049	-0149	5244	524
	E3	+0073	0050	0023	5416	542
	E2	+0007	0051	-0044	5349	535
	E1	-0182	0051	-0233	5160	516
	E0	-0110	0052	-0162	5231	523
E5	E5	+0053		0		
	E6	+0053	0049	0004	5397	540
	E7	+.0213	0046	0167	5560	556
Poor Contact	19	-.0016	0042	-0058	5335	534
	E8	-.0165	0039	-0204	5189	519
	E9	+.0180	0035	0145	5538	554
	E10	-.0184	0031	-0215	5178	518
	E11	-.0057	0028	-0085	5308	531
	E12	+.0034	0024	0010	5403	540
	E13	-.0041	0020	-0061	5332 ~~5454~~	533 ~~545~~
	E14	+.0091	0017	0074	5467	547
	E15	-.0117	0013	-0130	5263	526
	E16	-.0182	0010	-0192	5201	520
E5	E5	+.0006				

4/12/54
ck XR

Self - Potential Fortuna - Riqueza Claims

Base Pot	Moving Pot	Potential Difference (V)		Drift. Corr.	Base Corr.	Potential Corrected
	13	-.0126			500	
13	12	.0276	-120	0396		540
	11	.0422	-115	0537		554
	10	.0361	-109	0470		547
	9	.0527	-103	0630		563
	8	.0411	-98	0509		551
	7	.0673	-92	0765		577
	6	.0514	-86	0600		560
	5	.0739	-81	0820		582
	4	.0680	-75	0755		576
	3	.0839	-69	0908		591
	2	.0643	-64	0707		571
	1	.0373	-58	0431		543
	0	.0431	-52	0483		548
	1N	.0348	-47	0395		540
	13	-.0041				

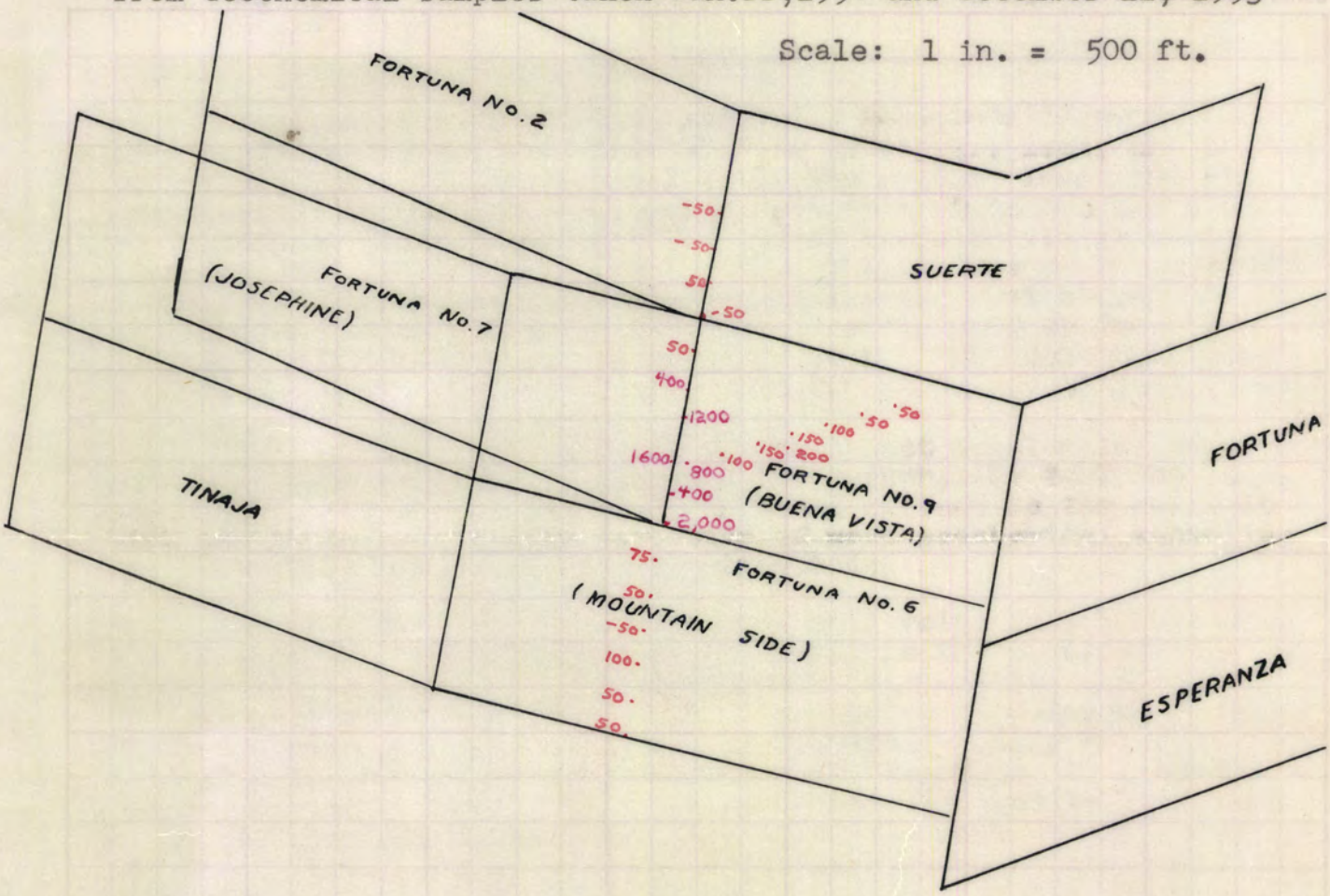


Portion of the east area of the
FORTUNA - RIQUEZA GROUP

Scale 1 in. = 500 ft.

Geochemical findings (total Zn,Cu,Pb)
in parts/million plotted in red.

FORTUNA-RIQUEZA GROUP, "Buena Vista Mine" Area
Overlay sketch showing total copper, lead, and zinc, in parts/million
from Geochemical samples taken Jan.22,1954 and December 11, 1953



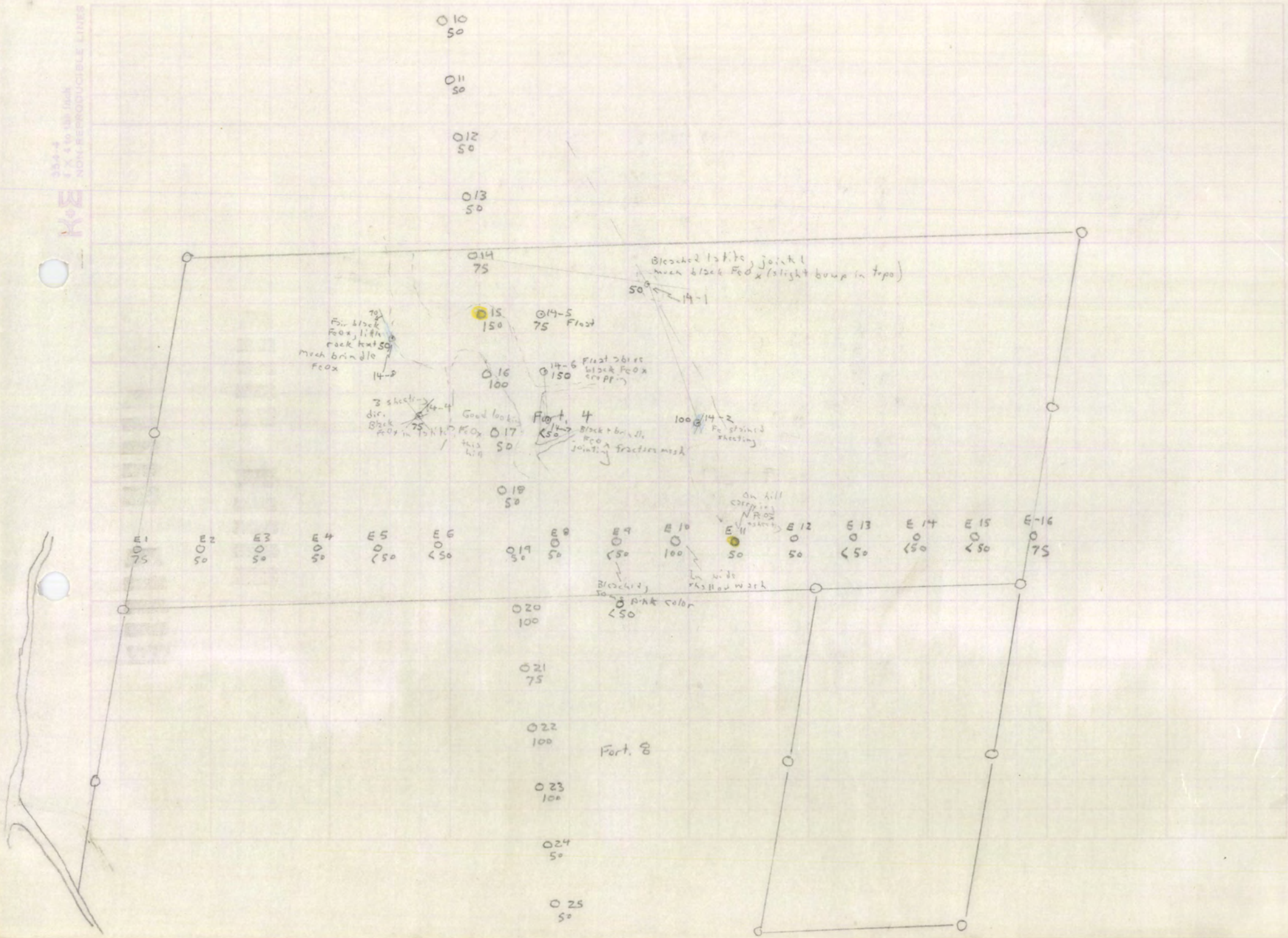
Notes

On the N 10° E traverse, an east-west arroyo lies just north of of the 400 ppm sample location, and about 70 feet south of the adjacent 50 ppm sample to the north.

A similar arroyo crosses the traverse line about 80 feet south of the southeast corner of Fortuna No.7 (where the 2,000 ppm determination was made in December).

The traverse line trending N 75° E follows a strong rock ridge for roughly 150 feet. Farther northeastward the outcrop is not distinguished by prominent relief, but is exposed on the surface up the steep mountain slope, surrounded by increasing amounts of rhyolite float. The two most eastward samples taken on this traverse came from areas where rhyolite float obscured the latite? outcrop almost completely.

U.G. high points (NB on NS line



STEPHEN H. CONGDON
GEOLOGICAL LABORATORY – GEOCHEMICAL EXPLORATION
2449 AVIATION HIGHWAY • TUCSON, ARIZONA
TELEPHONE 3-4844

May 18, 1954

for: Seton S. Williams
636 W. Oro St.
Tucson, Arizona

test: total heavy metal
(Cu, Zn, Pb)
HNO_3 dig.

submitted: 5/17/54

Sample Designation	Total Heavy Metal Content in parts per million
14-1	50
14-2	100
14-3	less than 50
14-4	75
14-5	75
14-6	150
14-7	less than 50
14-8	50

Stephen H. Congdon

May 18, 1954

for: Seton S. Williams
636 W. Oro St.
Tucson, Arizona

test: total heavy metal
(Cu, Zn, Pb)
HNO_3 dig.

submitted: 5/17/54

Sample Designation	Total Heavy Metal Content in parts per million
14-1	50
14-2	100
14-3	less than 50
14-4	75
14-5	75
14-6	150
14-7	less than 50
14-8	50

COPY

73,60. - 46 samples

STEPHEN H. CONGDON
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2449 AVIATION HIGHWAY • TUCSON, ARIZONA
TELEPHONE 3-4844

April 26, 1954

for: Seton S. Williams
636 W. Oro St.
Tucson, Arizona

test: total heavy metal
(Cu, Zn, Pb)
HNO_3 dig.

submitted: 5/19/54

Sample Designation	Total Heavy Metal Content in parts per million
E-0	50
E-1	75
E-2	50
E-3	50
E-4	50
E-5	less than 50
E-6	less than 50
E-7	75
E-8	50
E-9	less than 50
E-10	100
E-11	less than 50
E-12	50
E-13	less than 50
E-14	less than 50
E-15	less than 50
E-16	75
UG-0	100
UG-1	100
UG-2	75
UG-3	50
UG-4	50

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TELEPHONE 3-4844

April 26, 1954 (page 2)

UG-5	n 50
UG-6	50
UG-7	50
UG-8	50
UG-9	50
UG-10	50
UG-11	50
UG-12	50
UG-13	50
UG-14	75
UG-15	150
UG-16	100
UG-17	50
UG-18	50
UG-19	50
UG-20	100
UG-21	75
UG-22	100
UG-23	100
UG-24	50
UG-25	50
UG-26	75
UG-27	50
UG-28	50

Stephen H. Congdon

April 26, 1954

for: Seton S. Williams
636 W. Oro St.
Tucson, Arizona

test: total heavy metal
(Cu, Zn, Pb)
HNO_3 dig.

submitted: 5/19/54

Sample Designation	Total Heavy Metal Content in parts per million
E-0	50
E-1	75
E-2	50
E-3	50
E-4	50
E-5	less than 50
E-6	less than 50
E-7	75
E-8	50
E-9	less than 50
E-10	100
E-11	less than 50
E-12	50
E-13	less than 50
E-14	less than 50
E-15	less than 50
E-16	75
UG-0	100
UG-1	100
UG-2	75
UG-3	50
UG-4	50

UG-5	50
UG-6	50
UG-7	50
UG-8	50
UG-9	50
UG-10	50
UG-11	50
UG-12	50
UG-13	50
UG-14	75
UG-15	150
UG-16	100
UG-17	50
UG-18	50
UG-19	50
UG-20	100
UG-21	75
UG-22	100
UG-23	100
UG-24	50
UG-25	50
UG-26	75
UG-27	50
UG-28	50

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GEOLOGICAL LABORATORY – GEOCHEMICAL EXPLORATION
2449 AVIATION HIGHWAY • TUCSON, ARIZONA
TELEPHONE 3-4844

February 2, 1954

for: Seton S. Williams
636 W. Oro
Tucson, Arizona

test: Total heavy metal
(Zn, Cu, Pb)
HNO_3 dig.

submitted: 1/26/54

m Sample Designation	Total Heavy Metal in parts per million
Fort. #5	400
" #6	50
" #7	less than 50
" #8	50
" #9	less than 50
" #10	less than 50
" #11	100
" #12	150
" #13	150
" #14	100
" #15	50
" #16	50
" #17	75
" #18	50
" #19	less than 50
" #20	100
" #21	50
" #22	50
red-black altered zone	200

Stephen H. Congdon

February 2, 1954

for: Seton S. Williams
636 W. Oro
Tucson, Arizona

test: Total heavy metal
(Zn, Cu, Pb)
HNO_3 dig.

submitted: 1/26/54

Sample Designation	Total Heavy Metal in parts per million
Fort. #5	400
" #6	50
" #7	less than 50
" #8	50
" #9	less than 50
" #10	less than 50
" #11	100
" #12	150
" #13	150
" #14	100
" #15	50
" #16	50
" #17	75
" #18	50
" #19	less than 50
" #20	100
" #21	50
" #22	50
red-black altered zone	200

COPY

STEPHEN H. CONGDON
GEOLOGICAL LABORATORY – GEOCHEMICAL EXPLORATION
2449 AVIATION HIGHWAY • TUCSON, ARIZONA
TELEPHONE 3-4844

January 18, 1954

for: Seton S. Williams
636 W. Oro
Tucson, Ariz.

test: Total heavy metal
(ZN, Cu, Pb)
HNO_3 dig.

submitted: 1/9/54

Sample Designation	Heavy Metal Content in parts per million
#80	150
#81	less than 50
#82	less than 50
#83	less than 50
#84	less than 50
#85	less than 50
#86	less than 50
#87	less than 50
#88	50
#89	50
#90	100
#91	100
#92	100
#93	50
#94	50
#95	75
#96	50
#97	50
#98	50
#99	75
N. edge, qtzite outcrop	50

Stephen H. Congdon

January 18, 1954

for: Seton S. Williams
636 W. Oro
Tucson, Ariz.

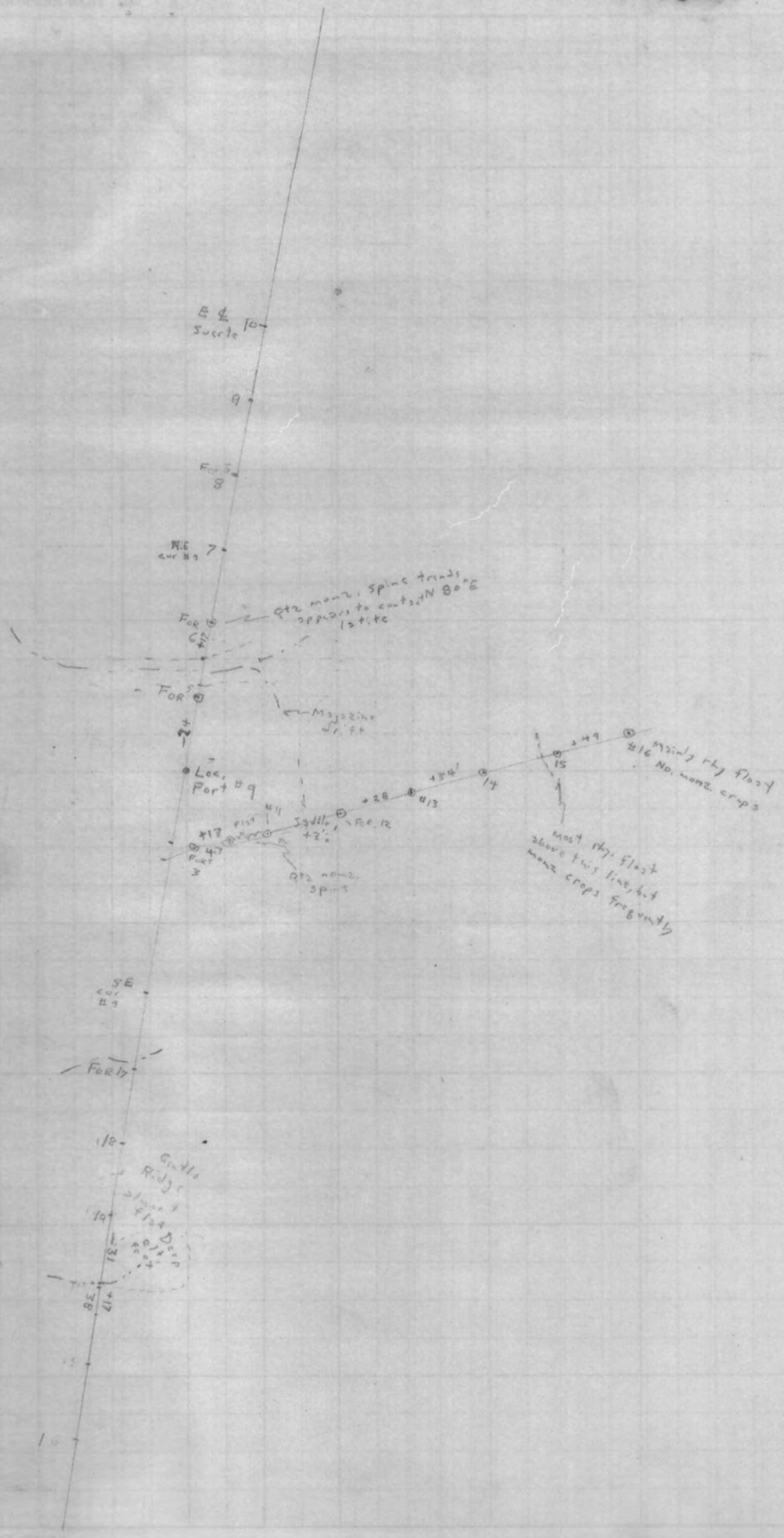
test: Total heavy metal
(ZN, Cu, Pb)
HNO_3 digl

submitted: 1/9/54

Sample Designation	Heavy Metal Content in parts per million
#80	150
#81	less than 50
#82	less than 50
#83	less than 50
#84	less than 50
#85	less than 50
#86	less than 50
#87	less than 50
#88	50
#89	50
#90	100
#91	100
#92	100
#93	50
#94	50
#95	75
#96	50
#97	50
#98	50
#99	75
N. edge, qtzite outcrop	50

COPY

Stephen H. Congdon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above this line, but
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STEPHEN H. CONGDON
GEOLOGICAL LABORATORY – GEOCHEMICAL EXPLORATION
2449 AVIATION HIGHWAY • TUCSON, ARIZONA
TELEPHONE 3-4844

January 9, 1954

for: Seton S. Williams
636 W. Oro
Tucson, Arizona

test: Total heavy metal
(Zn, Cu, Pb)
HNO_3 dig.

submitted: 1/3/54

Sample Designation	Heavy Metal Content In parts per million
#60	50
#61	less than 50
#62	100
#63	50
#64	50
#65	100
#66	250
#67	100
#68	75
#69	50
#70	100
#71	50
#72	50
#73	75
#74	50
#75	100
#76	50
#77	50

Stephen H. Congdon

January 9, 1954

for: Seton S. Williams
636 W. Oro
Tucson, Arizona

test: Total heavy metal
(Zn, Cu, Pb)
HNO_3 dig.

submitted: 1/3/54

Sample Designation	Heavy Metal Content In parts per million
#60	50
#61	less than 50
#62	100
#63	50
#64	50
#65	100
#66	250
#67	100
#68	75
#69	50
#70	100
#71	50
#72	50
#73	75
#74	50
#75	100
#76	50
#77	50

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GEOLOGICAL LABORATORY – GEOCHEMICAL EXPLORATION
2449 AVIATION HIGHWAY • TUCSON, ARIZONA
TELEPHONE 3-4844

December 28. 1953

for: Seton S. Williams
636 W. Oro
Tucson, Ariz.

test: total heavy metal
(Zn, Cu, Pb)
HNO_3 dig.

submitted: 12/21/53

Sample Designation	Heavy Metal Content in parts per million
#40	100
#41	less than 50
#42	50
#43	100
#44	50
#45	100
#46	75
#47	100
#47A	100
#48	300
#49	150
#50	100
#51	100
#52	50
#53	less than 50
#54	50
#55	100
#56	50
#57	100
#58	50

Stephen H. Congdon

December 28. 1953

for: Seton S. Williams
636 W. Oro
Tucson, Ariz.

submitted: 12/21/53

test: total heavy metal
(Zn, Cu, Pb)
HNO_3 dig.

Sample Designation	Heavy Metal Content in parts per million
#40	100
#41	less than 50
#42	50
#43	100
#44	50
#45	100
#46	75
#47	100
#47A	100
#48	300
#49	150
#50	100
#51	100
#52	50
#53	less than 50
#54	50
#55	100
#56	50
#57	100
#58	50

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STEPHEN H. CONGDON
GEOLOGICAL LABORATORY – GEOCHEMICAL EXPLORATION
2449 AVIATION HIGHWAY • TUCSON, ARIZONA
TELEPHONE 3-4844

December 15, 1953

for: Seton S. Williams
636 W. Oro
Tucson, Arizona

test: total heavy metal
(ZN, Cu, Pb)
HNO_3 dig.

submitted: 12/12/53

Sample Designation	Heavy Metal Content in parts per million
#30	50
#31	100
#32	50
#33	100
#34	50
#35	50
#36	75
#37	200
#38	200
#39	50
FOR #1	2000
FOR #2	400
FOR #3	800
FOR #3 (B)	1600
FOR #4	1200
fault N. of pit	100
32 (D)	50
new qtz. outcrop area	100

Stephen H. Congdon

December 15, 1953

for: Seton S. Williams
636 W. Oro
Tucson, Arizona

test: total heavy metal
(ZN, Cu, Pb)
HNO_3 dig.

submitted: 12/12/53

Sample Designation	Heavy Metal Content in parts per million
#30	50
#31	100
#32	50
#33	100
#34	50
#35	50
#36	75
#37	200
#38	200
#39	50
FOR #1	2000
FOR #2	400
FOR #3	800
FOR #3 (B)	1600
FOR #4	1200
fault N. of pit	100
32 (D)	50
new qtz. outcrop area	100

COPY

STEPHEN H. CONGDON
GEOLOGICAL LABORATORY – GEOCHEMICAL EXPLORATION
2449 AVIATION HIGHWAY • TUCSON, ARIZONA
TELEPHONE 3-4644

December 9, 1953

for: Seton S. Williams
636 W. Oro
Tucson, Arizona

test: total heavy metal
(Zn, Cu, Pb)
HNO_3 dig.

submitted: 12/5/53

Sample Designation	Heavy Metal Content in parts per million
#20	100
#21	50
#22	50
#23	50
#24	50
#25	50
#26	50
#27	100
#28	75
#29	75
Esperanza location cut	300

Stephen H. Congdon

December 9, 1953

for: Seton S. Williams
636 W. Oro
Tucson, Arizona

test: total heavy metal
(Zn, Cu, Pb)
HNO_3 dig.

submitted: 12/5/53

Sample Designation	Heavy Metal Content in parts per million
#20	100
#21	50
#22	50
#23	50
#24	50
#25	50
#26	50
#27	100
#28	75
#29	75
Esperanza location cut	300

COPY

STEPHEN H. CONGDON
GEOLOGICAL LABORATORY – GEOCHEMICAL EXPLORATION
2449 AVIATION HIGHWAY • TUCSON, ARIZONA
TELEPHONE 3-4644

December 2, 1953

for: Seton S. Williams
636 W. Oro
Tucson, Ariz.

test: total heavy metal
(Zn, Cu, Pb)
HNO_3 dig.

submitted: 11/30/53

Sample Designation	Heavy Metal Content in parts per million
#1	75
#2	50
#3	75
#4	100
#5	75
#6	50
#7	75
#8	75
#9	100
#10	50
#11	50
#12	100
#13	50
#14	75
GS #1	less than 50
GS #2	150
Gs #3	50

Stephen H. Congdon

December 2, 1953

for: Seton S. Williams
636 W. Oro
Tucson, Ariz.

test: total heavy metal
(Zn, Cu, Pb)
HNO_3 dig.

submitted: 11/30/53

Sample Designation	Heavy Metal Content in parts per million
#1	75
#2	50
#3	75
#4	100
#5	75
#6	50
#7	75
#8	75
#9	100
#10	50
#11	50
#12	100
#13	50
#14	75
GS #1	less than 50
GS #2	150
Gs #3	50

COPY

STATEMENT

Tate MINE DEVELOPMENT & SUPPLY COMPANY

3438 N. KELVIN
PHONE EAst 6-8348
TUCSON, ARIZONA

DATE July 14th, 1958

IN ACCOUNT WITH

Robert M. Adams
12th Floor Fidelity Bldg.
Duluth 2, Minn.

Job # 40-B - Fortuna - Assessment Work	
Fiscal year 1957-1958 - 7 claims	
As per attached Affidavit of Labor Performed	
Road Repair and Improvements	
117 man hours @ 6.00 per hr. -	700.00
Less Retainer - Check Received 7-11-58	250.00
Balance Due -	450.00

Affidavit of Labor Performed and Improvements Made

STATE OF ARIZONA,
County of Pima } ss.

H. L. Tate being duly sworn, deposes and says that he is a citizen of the United States and more than twenty-one years of age, and resides at Tucson in Pima County, State of Arizona, and is personally acquainted with the mining claim known as Fortuna (Book 314, Page 54), Fortuna #2 (Book 539, Page 555), Fortuna #6 (Book 645, Page 330) mining claim situate in

Mining District, County of Pima, State of Arizona, the location notice of which is recorded in the office of the County Recorder of said County, in Book see above of Records of Mines, at page see above; that between the 29th day of June, A. D. 19 58, and the 5th day of July A. D. 19 58, at least Three Hundred ($300.00) - - - - - - - - dollars worth of work and improvements were done and performed upon said claim not including the location work of said claim. Such work and improvements were made by and at the expense of Robert H. Adams owner of said claim for the purpose of complying with the laws of the United States pertaining to assessment of annual work, and Dale L. Sattley, Dick Dunham, Joe H. Couturier, and H. L. Tate, employees of the Tate Mine Development and Supply Co., 3438 N. Kelvin Blvd., Tucson, Arizona

were the men employed by said owner and who labored upon said claim did said work and improvements, the same being as follows, to-wit:

Road Improvement and Repair

H L Tate

Subscribed and sworn to before me this 14th day of July A. D. 19 58

(My commission expires 6-13-60) Notary Public.

Affidavit of Labor Performed and Improvements Made

.....

.....

Dated....., 19.....

STATE OF ARIZONA }
County of Maricopa } ss.

I hereby certify that the within instrument was filed and recorded at

request of.....

.....

Book.....

In Docket.....

on page.....

Witness my hand and official seal the day and year aforesaid.

.....
County Recorder.

By.....
Deputy Recorder.

Affidavit of Labor Performed and Improvements Made

STATE OF ARIZONA,
County of Pima } ss.

H. L. Tate being duly sworn, deposes and says that he is a citizen of the United States and more than twenty-one years of age, and resides at Tucson in Pima County, State of Arizona, and is personally acquainted with the mining claim known as Fortuna #7 (Book 645, Page 331), Fortuna #9 (Bk. 646, Pg. 565), Esperanza (Bk. 314, Pg. 55), Suerte (Bk. 314, Pg. 56)

mining claim situate in

Mining District, County of Pima, State of Arizona, the location notice of which is recorded in the office of the County Recorder of said County, in Book see above of Records of Mines, at page see above; that between the 29th day of June, A. D. 1958, and the 5th day of July A. D. 1958, at least Four Hundred ($400.00) - - - - - - - - dollars worth of work and improvements were done and performed upon said claim, not including the location work of said claim. Such work and improvements were made by and at the expense of Robert H. Adams

owner of said claim for the purpose of complying with the laws of the United States pertaining to assessment of annual work, and Dale L. Sattley, Dick Dunham, Joe H. Couturier, and H. L. Tate, Employees of the Tate Mine Development and Supply Co., 3435 N. Kelvin Blvd., Tucson, Arizona

were the men employed by said owner and who labored upon said claim, did said work and improvements, the same being as follows, to-wit:

Road Improvement and Repair

H. L. Tate

Subscribed and sworn to before me this 14th day of July A. D. 1958

(My commission expires 6-13-60) Helen G. Pagel
Notary Public.

No. 183—Affidavit of Labor Performed and Improvements Made—
Heinze, Bowen & Harrington, Inc., Phoenix, Arizona

Affidavit of Labor Performed and Improvements Made

.....

.....

Dated....., 19.....

STATE OF ARIZONA }
County of Maricopa } ss.

I hereby certify that the within instrument was filed and recorded at

request of.....

.....

Book.....

In Docket.....

on page.....

Witness my hand and official seal the day and year aforesaid.

.....
County Recorder.

By.....
Deputy Recorder.

Tate **MINE DEVELOPMENT & SUPPLY CO.**
3438 N. KELVIN • TUCSON, ARIZONA

PX #_____ Job # 40-B

JOB ORDER

Company Name ROBERT M. ADAMS
Home Office 12th Floor. Fidility Bldg. Duluth 2. Minn Phone RA 7-5033
~~Engineer or~~ RES.
Address _____ Phone RA. 4-2653
Name of Property FORTUNA
Location of Job NEAR SILVER BELL, ARIZ. (W. of RED ROCK, ARIZ.)
Property Owned By ROBERT M. ADAMS
Owner's Address 12th Floor Fidility Bldg. Duluth 2. Minn.
Job Financed By ROBERT M. ADAMS
Statements to be each UPON Completion of Job.
Payments to be each 250.00 Retainer, Bal. of 450.00 upon Statement.
Time Required for Payment _____
Copy of Statements Required ✓
Total Amount of Job 700.00 (SEVEN HUNDRED ~~~~ 00/100)
Job to be Commenced by June 30, 1958 Completed by Apx. July 10, 1958

Type of Work: ROAD REPAIR + IMPROVEMENTS ON EXSISTING MINE ROAD LOCATED ON OR NEAR FORTUNA MINING CLAIMS. BEGINING AT A WIRE GATE + CONTINUEING TO THE END OF ROAD AT MINE. AND CONTINUING ROAD FROM PRESENT END OF ROAD TO A POINT ABOVE UPPER WORKINGS IF POSSIBLE, FOR ACCESS FUTURE DRILL LOCATION.

Notes:
ASSESSMENT WORK FOR FISCAL YEAR - 1957-1958 ON 7 CLAIMS
117 MAN HOURS AT 6.00 PER HOUR = 700.00
700.00 is The Total Completed Job figure including,
WAGES, TAXES, INS., TOOLS, EQUIP. MOVING CHGS.
ASSESSMENTS AFFIDAVITS OF LABOR + ALL COSTS.

Job Order Accepted By ✓ Robert M. Adams Date ✓ 7/8/58
Payment Will Be Made By 250.00 RETAINER DUE 6-30-58
Amount of Payment Bal. 450.00 Date To Be Paid upon Reciept of Statement

Contractors Authorized Signature W. State
Date June 30. 1958

TO WHOM IT MAY CONCERN:

This notice is posted on the Fortuna No. 9 lode mining claim, property of Robert M. Adams Company. This claim is one of a group of several contiguous claims. The purpose of this notice is to advise the public that these claims are valid and subsisting, and are being maintained up to date by performance of annual assessment work and are not open to location.

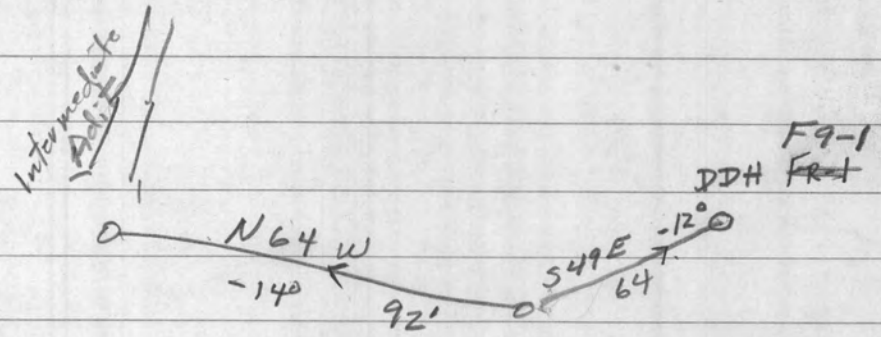
For information regarding the property see Allen M. Rugg, 5202 East 16th Street, Tucson, Arizona, or Victor H. Verity, 2207 East Waverly Street, Tucson, Arizona.

February 18, 1957.

ROBERT M. ADAMS COMPANY

September

Fortuna - Riquenza File Adams



DDH F-R 2

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job Shop. Hole No. —

Shift _____ to _____ Date 6/27 19 57

Actual Drilling Time _____ Machine No. _____

Depth of Hole Start of Shift _____ Depth End of Shift _____

Distance Drilled _____ FEET | _____ SIZE Distance Reamed _____ FEET | _____ SIZE

Estimated Core Saved _____ FEET Cement Drilled _____ FEET | _____ SIZE

Bit No. _____ Footage _____ Bit No. _____ Footage _____

Shell No. _____ Footage _____ Shell No. _____ Footage _____

FROM	TO	FORMATION

Remarks: Replace Drive Coupling on Longyear pump Grib. truck Rep.

Inspector or Foreman _____ (SIGNATURE)

Helper C Waits Runner R Meth (SIGNATURE)

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job Adams. Hole No.

Shift to Date 4/28 1957

Actual Drilling Time Machine No.

Depth of Hole Start of Shift Depth End of Shift

Distance Drilled FEET SIZE Distance Reamed FEET SIZE

Estimated Core Saved FEET Cement Drilled FEET SIZE

Bit No. Footage Bit No. Footage

Shell No. Footage Shell No. Footage

FROM	TO	FORMATION

Remarks: Moving equip to Jobsite

Inspector or Foreman (SIGNATURE)

Helper C Waits Runner R Mettle (SIGNATURE)

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job Adams Hole No.

Shift to Date 6/29 1957

Actual Drilling Time Machine No.

Depth of Hole Start of Shift Depth End of Shift

Distance Drilled FEET SIZE Distance Reamed FEET SIZE

Estimated Core Saved FEET Cement Drilled FEET SIZE

Bit No. Footage Bit No. Footage

Shell No. Footage Shell No. Footage

FROM	TO	FORMATION

Remarks: Moving "up Hill" to Hole. #

Inspector or Foreman (SIGNATURE)

Helper C Waits Runner R Mether (SIGNATURE)

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job: Adams Hole No.

Shift to Date 7/1 1957

Actual Drilling Time Machine No.

Depth of Hole Start of Shift 0 Depth End of Shift 12

Distance Drilled BZ (FEET) | BY (SIZE) Distance Reamed (FEET) | (SIZE)

Estimated Core Saved (FEET) Cement Drilled (FEET) | (SIZE)

Bit No. Footage Bit No. Footage

Shell No. Footage Shell No. Footage

Cemented 3/4 Sack Calval.

FROM	TO	FORMATION
0	12	Soft Broken material

Remarks: Cement time 1 hr.

Inspector or Foreman (SIGNATURE)

Helper C Waits. Runner R Wells (SIGNATURE)

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job Adams Hole No. 1

Shift _____ to _____ Date 7/2 1957

Actual Drilling Time _____ Machine No. _____

Depth of Hole Start of Shift 12 Depth End of Shift 38

Distance Drilled 26 FEET | AX & BX SIZE Distance Reamed _____ FEET | _____ SIZE

Estimated Core Saved _____ FEET Cement Drilled _____ FEET | _____ SIZE

Bit No. _____ Footage _____ Bit No. _____ Footage _____

Shell No. _____ Footage _____ Shell No. _____ Footage _____

FROM	TO	FORMATION
12	20	8'-BX Drilling
20	38	18' AX Drilling

Remarks: 0 to 12 - 12' Drilling Cement.

Inspector or Foreman _____ (SIGNATURE)

Helper C Waits. Runner R Miller (SIGNATURE)

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job: adams Hole No. 1

Shift _____ to _____ Date 7/3 1957

Actual Drilling Time _____ Machine No. _____

Depth of Hole Start of Shift 38 Depth End of Shift 83

Distance Drilled 45 (FEET) | AX (SIZE) Distance Reamed _____ (FEET) | _____ (SIZE)

Estimated Core Saved 100 % (FEET) Cement Drilled _____ (FEET) | _____ (SIZE)

Bit No. _____ Footage _____ Bit No. _____ Footage _____

Shell No. _____ Footage _____ Shell No. _____ Footage _____

FROM	TO	FORMATION
38	83	AX Drilling

Remarks: Hit Drift at 83'.

Inspector or Foreman _____

Helper C Wait. Runner R Metler (SIGNATURE)

(SIGNATURE)

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job Adams Hole No.

Shift to Date 7/5 19 57

Actual Drilling Time Machine No.

Depth of Hole Start of Shift 83 Depth End of Shift 83

Distance Drilled 0 FEET | SIZE Distance Reamed FEET | SIZE

Estimated Core Saved FEET Cement Drilled FEET | SIZE

Bit No. Footage Bit No. Footage

Shell No. Footage Shell No. Footage

FROM	TO	FORMATION

Remarks: AX Casing Stuck
Broke off Jet 10'

Inspector or Foreman
(SIGNATURE)

Helper C Waits Runner R Wells
(SIGNATURE)

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job Adams Hole No. 1

Shift _____ to _____ Date 5/6 1957

Actual Drilling Time _____ Machine No. _____

Depth of Hole Start of Shift 83 Depth End of Shift 95

Distance Drilled 12 FEET | EX SIZE Distance Reamed _____ FEET | _____ SIZE

Estimated Core Saved _____ FEET Cement Drilled _____ FEET | _____ SIZE

Bit No. _____ Footage _____ Bit No. _____ Footage _____

Shell No. _____ Footage _____ Shell No. _____ Footage _____

FROM	TO	FORMATION
83	89	Void (Drift)
89	95	EX Drilling

Remarks: Reamed EX Casing 89 to 95'.

Inspector or Foreman _____ (SIGNATURE)

Helper C. Waitz Runner R Mettler (SIGNATURE)

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job Adams - Hole No. 1

Shift _____ to _____ Date 7/8 1957

Actual Drilling Time _____ Machine No. _____

Depth of Hole Start of Shift 95 Depth End of Shift 135

Distance Drilled 90 FEET | EX SIZE Distance Reamed _____ FEET | _____ SIZE

Estimated Core Saved _____ FEET Cement Drilled _____ FEET | _____ SIZE

Bit No. _____ Footage _____ Bit No. _____ Footage _____

Shell No. _____ Footage _____ Shell No. _____ Footage _____

FROM	TO	FORMATION
95	135	40' EX Drilling

Remarks: _____

Inspector or Foreman _____ (SIGNATURE)

Helper C Waite Runner R Metz (SIGNATURE)

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job Adams. Hole No. 1

Shift _____ to _____ Date 7/10 1957

Actual Drilling Time _____ Machine No. _____

Depth of Hole Start of Shift 135 Depth End of Shift 185

Distance Drilled 50 FEET | EX SIZE Distance Reamed _____ FEET | _____ SIZE

Estimated Core Saved _____ FEET Cement Drilled _____ FEET | _____ SIZE

Bit No. _____ Footage _____ Bit No. _____ Footage _____

Shell No. _____ Footage _____ Shell No. _____ Footage _____

FROM	TO	FORMATION
135'	185'	50' EX Drilling

Remarks: _____

Inspector or Foreman _____ (SIGNATURE)

Helper C Wait Runner R Mitch (SIGNATURE)

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job Adams. Hole No. 1

Shift _____ to _____ Date 7/10 19__

Actual Drilling Time _____ Machine No. _____

Depth of Hole Start of Shift 185 Depth End of Shift 200.5

Distance Drilled 15.5 (FEET) | EX (SIZE) Distance Reamed _____ (FEET) | _____ (SIZE)

Estimated Core Saved _____ (FEET) Cement Drilled _____ (FEET) | _____ (SIZE)

Bit No. _____ Footage _____ Bit No. _____ Footage _____

Shell No. _____ Footage _____ Shell No. _____ Footage _____

FROM	TO	FORMATION
185	200.5	15.5 EX Drilling

Remarks: Pulled EX Casing.
Left 10' AX Casing in hole. (Stuck)

Inspector or Foreman _____ (SIGNATURE)

Helper C Waits Runner R Mettler (SIGNATURE)

MEDCO

Mines Exploration & Development Co.

2000 S. FREEWAY PHONE MA 4-5452 TUCSON, ARIZONA

DAILY DIAMOND DRILL REPORT BY RUNNER

Job: Adams Hole No. 1

Shift _____ to _____ Date 7/11 19 56

Actual Drilling Time _____ Machine No. _____

Depth of Hole Start of Shift _____ Depth End of Shift _____

Distance Drilled _____ FEET | _____ SIZE Distance Reamed _____ FEET | _____ SIZE

Estimated Core Saved _____ FEET Cement Drilled _____ FEET | _____ SIZE

Bit No. _____ Footage _____ Bit No. _____ Footage _____

Shell No. _____ Footage _____ Shell No. _____ Footage _____

FROM	TO	FORMATION

Remarks: Loading & moving to Shops.

Inspector or Foreman _____

Helper C. Waits Runner R. Miller
(SIGNATURE)
(SIGNATURE)

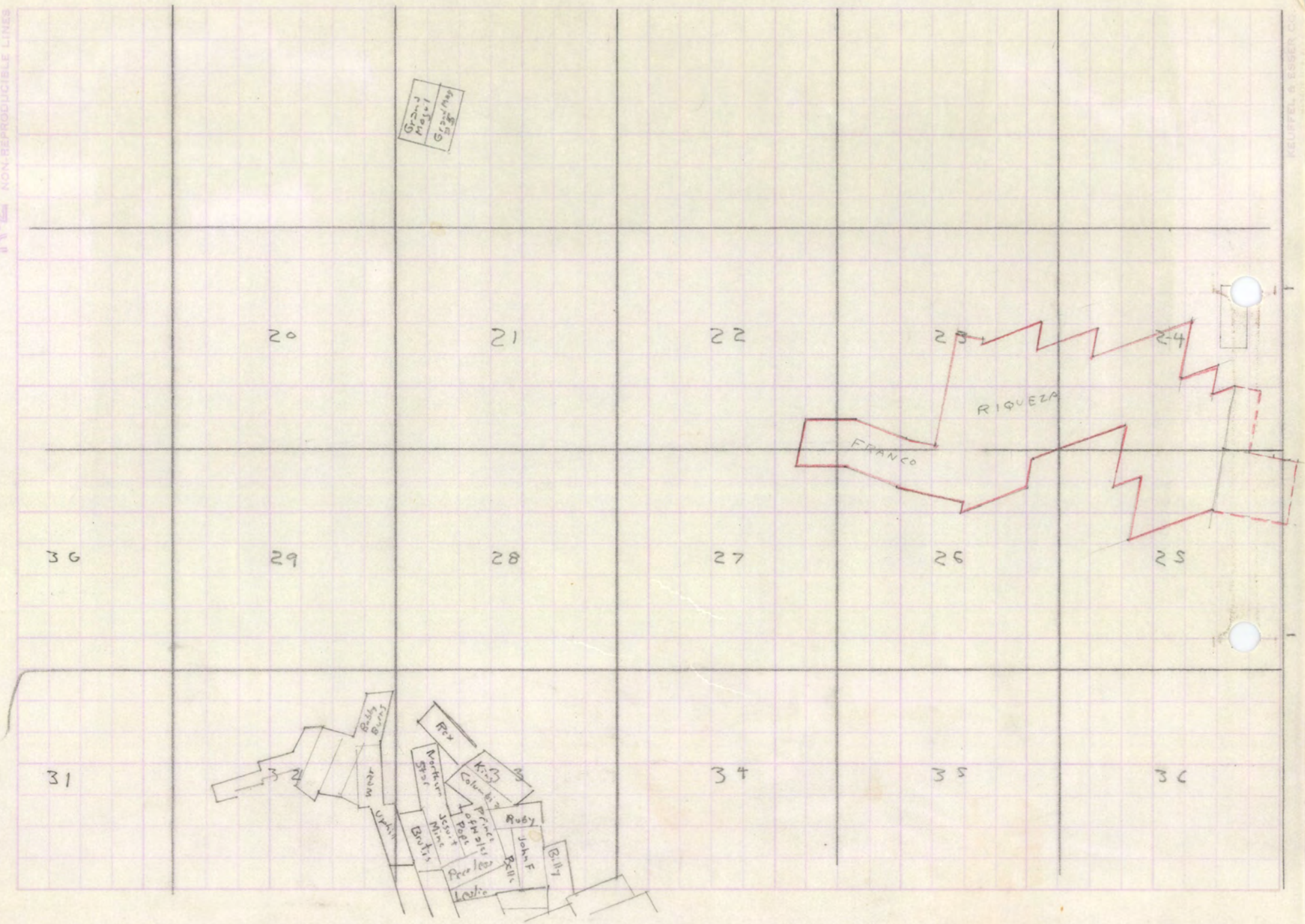
Esperanza DD Hole

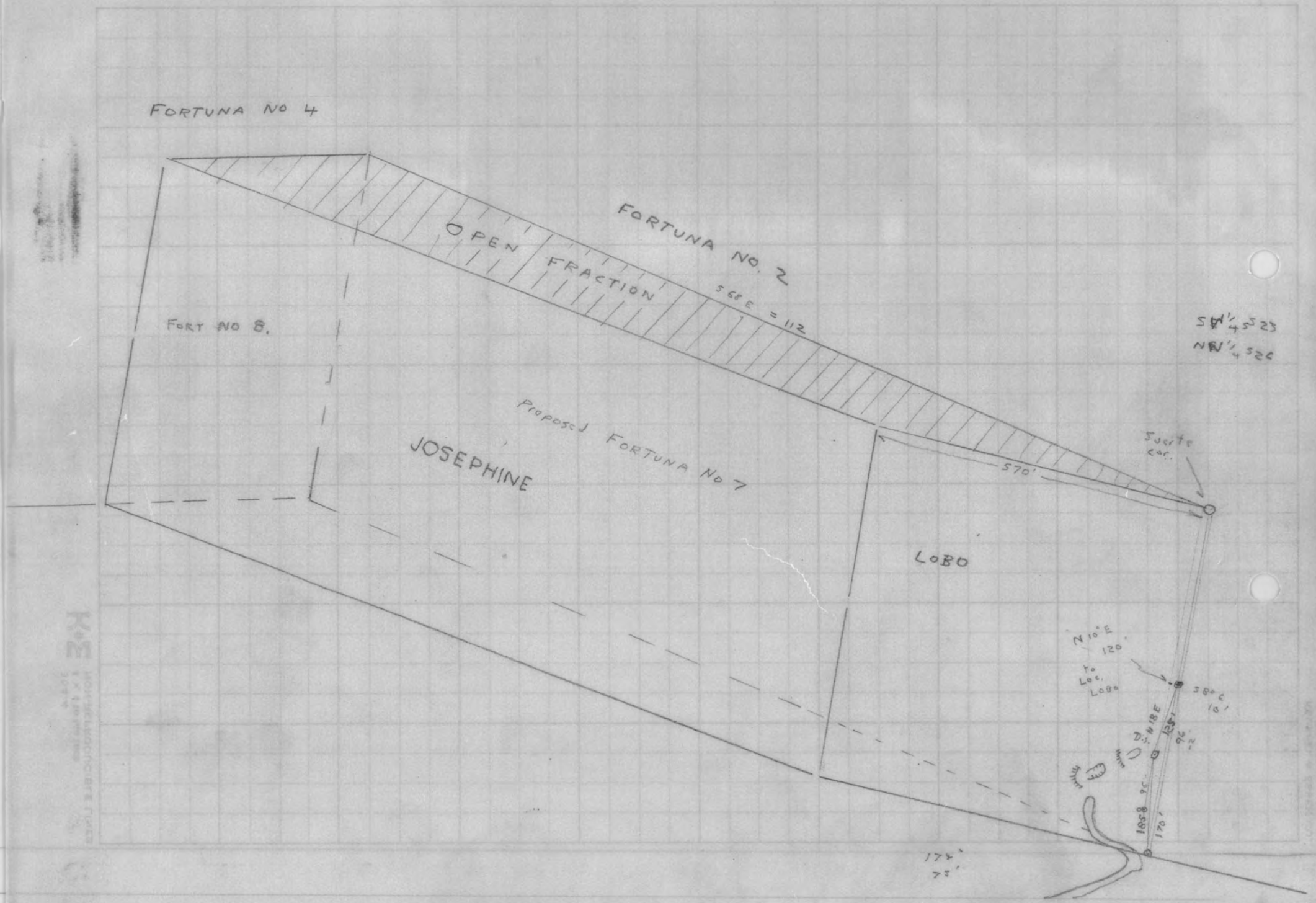
From DP to loc. mon.

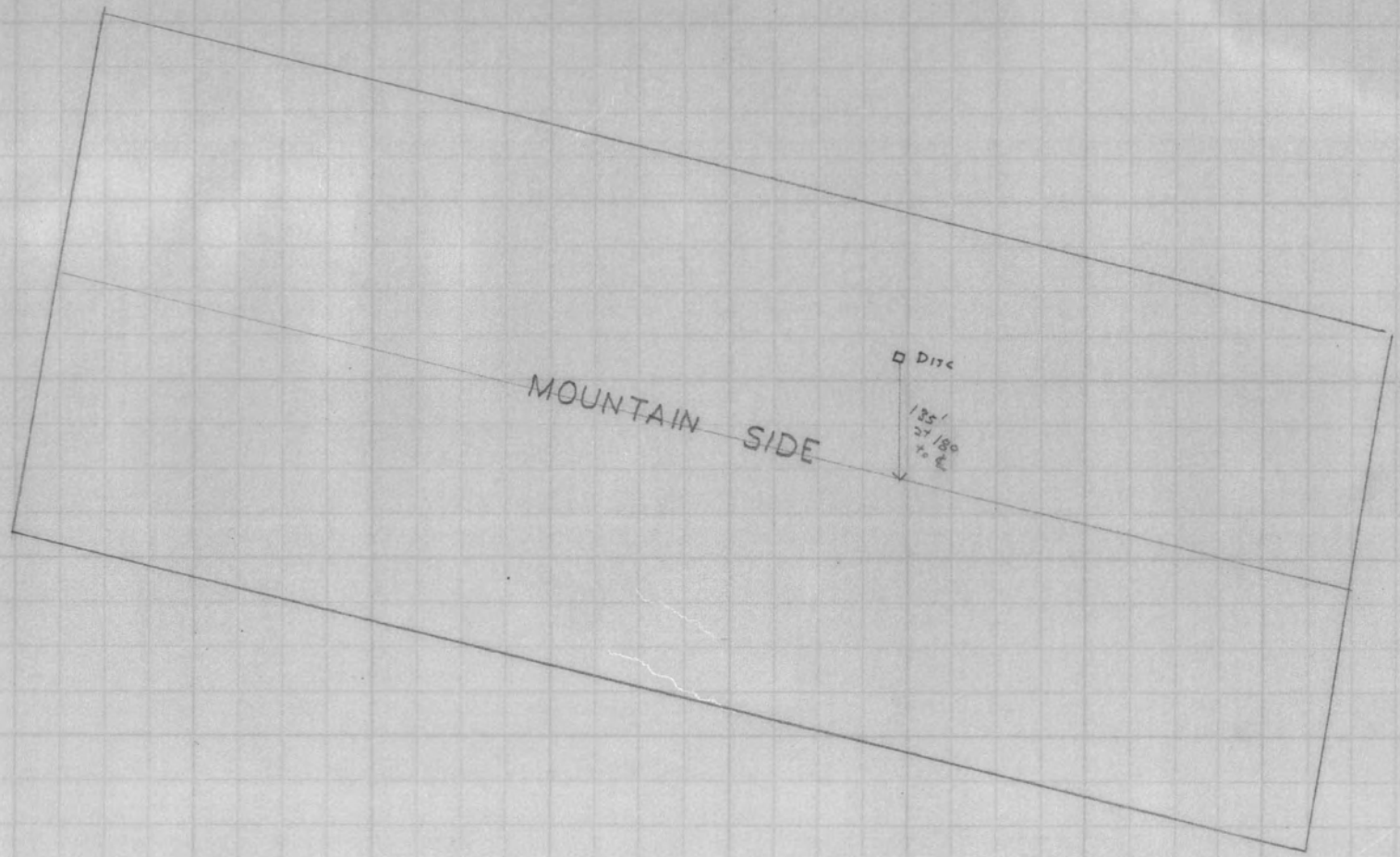
N 67° E +24° for 70' — 64' + 28

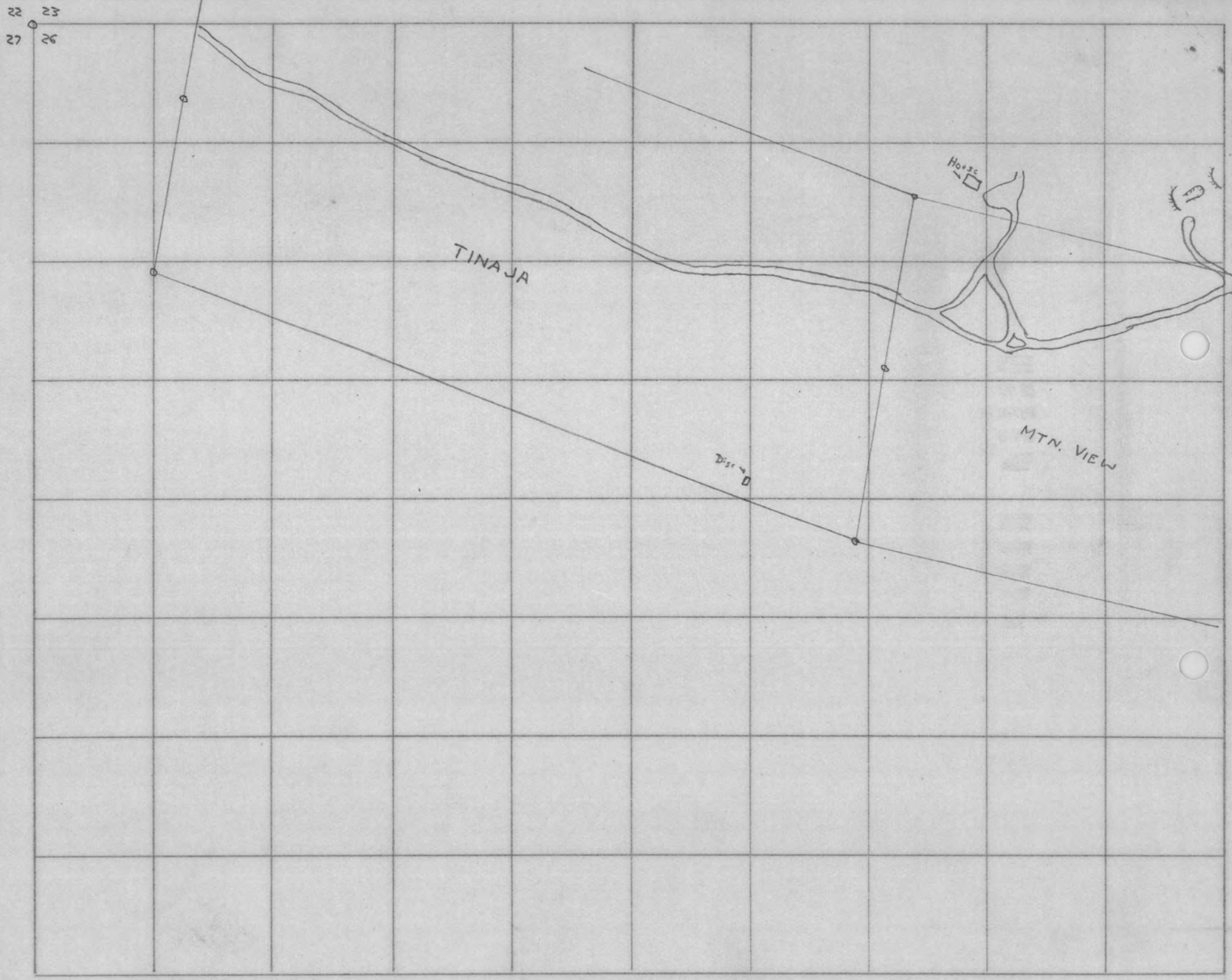
N 76° E +20° for 76' — ~~64~~ 71 +26

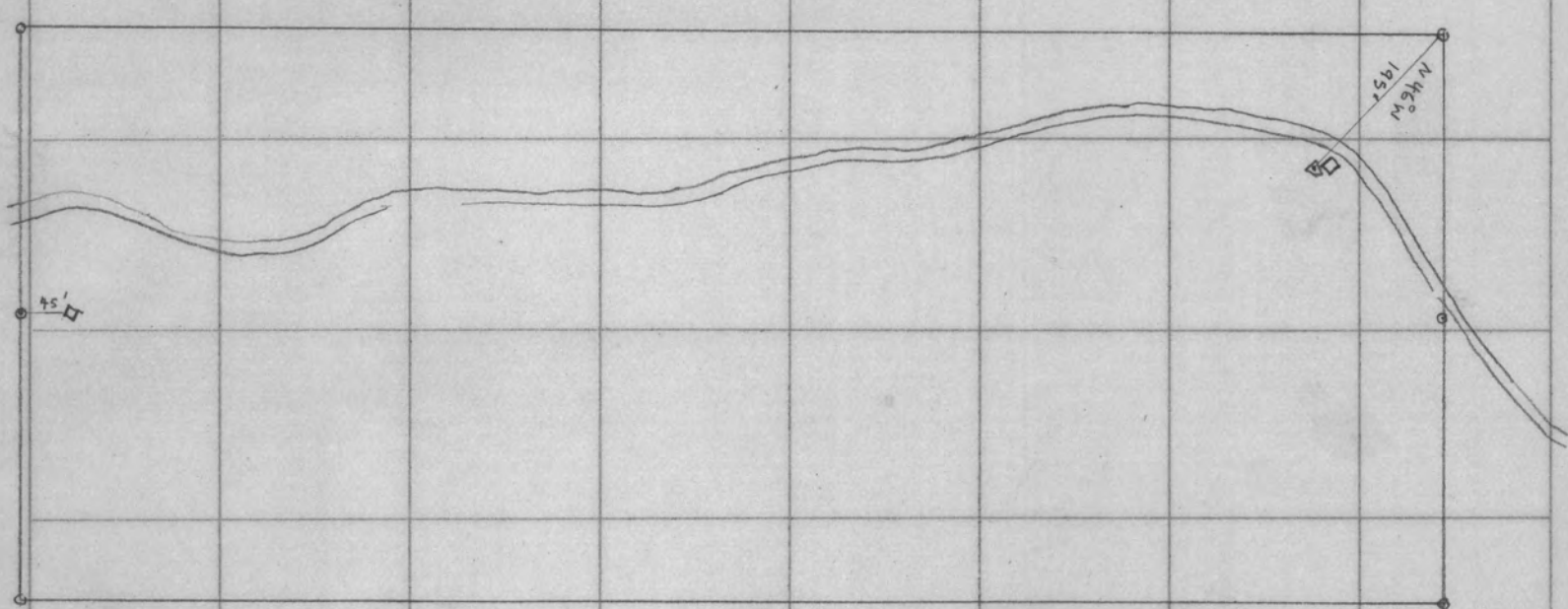
T11S, R8E 1" = 3,000' (Pima Co. Assessor's Office)




112
FORTUNA NO 4
FORTUNA NO. 2
OPEN FRACTION
S 68 E = 112
FORT NO 8.
Proposed FORTUNA No 7
JOSEPHINE
570'
Sucite cor.
LOBO
N 10° E
120'
to Loc. Lobo
S 80° E
10'
D.S. N 18 E
125'
96'
185°
96'
170'
174'
75'


MOUNTAIN SIDE
Disc
135'
or 180
to ℄


22 23
27 26
TINAJA
House
Disc
MTN. VIEW



PINTA Claim
1" = 200'
2/29/52 S.S.H.

195-M. "ALBANENE"—K. & E. CO., N. Y.—REG. U.S. PAT. OFF.

Recorded in the office of the Pima County Recorder July 9, 1956
Docket 1007, page 87

AFFIDAVIT OF PERFORMANCE OF ANNUAL WORK

STATE OF ARIZONA)
) ss.
County of Pima)

Allen M. Rugg, Jr., being duly sworn, deposes and says:

That he is a citizen of the United States and more than twenty-one years of age, resides at Tucson, Pima County, Arizona, and is personally acquainted with all of the following described mining claims situated in the Silverbell Mining District, Pima County, Arizona, the location notices of which are of record in the office of the County Recorder of Pima County, Arizona:

Name of Claim	Book	Page
Fortuna	314	54
Fortuna No. 2	539	555
Fortuna No. 6	645	330
Fortuna No. 7	645	331
Fortuna No. 9	646	565
Esperanza	314	55
Suerte	314	56

That the said mining claims are contiguous and form a single group and are owned by Robert M. Adams Company; that the affiant is consulting geologist retained by said company and duly authorized to make this affidavit for and on behalf of the owner.

That between May 28, 1956 and June 4, 1956, both inclusive, at least $700.00 worth of work and improvements, not including the location work on said claims, were done and performed upon the Fortuna No. 9 mining claim for the benefit of the group.

Such work and improvements were made by and at the expense of Robert M. Adams Company for the purpose of complying with the laws of the United States pertaining to annual assessment work for the year ending noon July 1, 1956. Mines Exploration & Development Co. was employed by Robert M. Adams Company to perform the work which consisted of 115 feet of AX diamond drilling.

Allen M. Rugg, Jr.
Allen M. Rugg, Jr.

Subscribed and sworn to before me this 5th day of July, 1956.

(Notary seal)

Victor H. Verity
Notary Public

My commission expires:
July 8, 1959

NOTICE

TO WHOM IT MAY CONCERN

THIS NOTICE IS POSTED UPON THE FORTUNA NO. 9 LODE MINING CLAIM, WHICH IS A RELOCATION OF THE ABANDONED BUENA VISTA LODE MINING CLAIM, AND IS ONE OF A GROUP OF CLAIMS MADE UP IN PART OF THE FORTUNA NO. 6, FORTUNA NO. 7, FORTUNA NO. 8 and FORTUNA NO. 9, BEING RELOCATIONS OF THE ABANDONED MOUNTAINSIDE, JOSEPHINE, SILVER LEAD AND BUENA VISTA LODE MINING CLAIMS RESPECTIVELY. THE NOTICES OF LOCATION OF THE FORTUNA NOS. 6, 7, 8 and 9 LODE CLAIMS ARE POSTED IN THE DISCOVERY MONUMENTS ON EACH CLAIM AND OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF PIMA COUNTY, HAVING BEEN LOCATED BY THE ROBERT M. ADAMS COMPANY, SETON S. WILLIAMS AGENT. FOR PERMISSION TO ENTER UPON OR EXAMINE THESE CLAIMS SEE SETON S. WILLIAMS, TUCSON, ARIZONA.

ROBERT M. ADAMS COMPANY

NOTICE

TO WHOM IT MAY CONCERN

THIS NOTICE IS POSTED UPON THE FORTUNA NO. 9 LODE MINING CLAIM, WHICH IS A RELOCATION OF THE ABANDONED BUENA VISTA LODE MINING CLAIM, AND IS ONE OF A GROUP OF CLAIMS MADE UP IN PART OF THE FORTUNA NO. 6, FORTUNA NO. 7, FORTUNA NO. 8 and FORTUNA NO. 9, BEING RELOCATIONS OF THE ABANDONED MOUNTAINSIDE, JOSEPHINE, SILVER LEAD AND BUENA VISTA LODE MINING CLAIMS RESPECTIVELY. THE NOTICES OF LOCATION OF THE FORTUNA NOS. 6, 7, 8 and 9 LODE CLAIMS ARE POSTED IN THE DISCOVERY MONUMENTS ON EACH CLAIM AND OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF PIMA COUNTY, HAVING BEEN LOCATED BY THE ROBERT M. ADAMS COMPANY, SETON S. WILLIAMS AGENT. FOR PERMISSION TO ENTER UPON OR EXAMINE THESE CLAIMS SEE SETON S. WILLIAMS, TUCSON, ARIZONA.

ROBERT M. ADAMS COMPANY

February 14, 1954

Mr. Robert M. Adams
12th Floor Fidelity Bldg.
Duluth 2, Minnesota

Dear Mr. Adams: Re: FORTUNA

I have checked over the file in the matter of relocating the abandoned Shaw-Franco claims and find that our steps have been correct legally. A notice has been prepared for posting on the Buena Vista at the portals of the two main tunnels advising of the relocations. Seton will post them on his next trip to the Atlas Mine and when this has been done I'll notify John Ross, attorney for Mrs. Shaw and for the Estate of Franco, furnishing him copy of the notice. We will see what develops and keep you informed. In the event I should be out of town and something turns up which requires immediate attention, my friend Mr. Lawrence D'Antonio, an attorney in the Valley National Building, will look after the matter until my return. After the notice is actually posted I'll advise you and send a copy.

In going through the file I came across the original of the receipt for $100 which Ruby Shaw signed on May 5, 1950 for the initial payment specified in the Mine Lease and Option Contract.

Very truly yours,

Victor H. Verity

VHV:lv
cc-R.M.A.Jr.
S.W.

635 N. Third Ave.
Tucson, Arizona
February 25, 1954

Mr. Victor H. Verity
2207 E. Waverly St.
Tucson, Arizona

Subject: Posting of notice advising of relocation of abandoned Shaw ground at the portals of the mine on the former Buena Vista claim.

Dear Vic:

On February 23, 1954 subject notices were posted at the portal of the main adit and at the portal of the upper adit of the abandoned Buena Vista mine in accordance with your instructions.

The typewritten notices, mentioned in your letter of February 14th to Mr. Adams, were first mounted in laminated plastic for protection against wind and rain.

The tough plasticized sheets were mounted on 1" planks for support, and the planks attached to stout posts. The posts were set up in rock monuments at the portals; and after erection was completed the posts and monuments were sprayed with aluminum paint to provide maximum prominence to the notices,- and to afford evidence of recent work should the notices be removed by vandals.

Duplicates of the three snapshots showing the posted notices are being forwarded to Mr. Adams with a copy of this letter.

Yours very truly,

Seton S. Williams

cc Mr. Robert M. Adams
(with enclosures)

650 So. 4th Ave.
Tucson, Arizona
December 12, 1953

Mr. Robert M. Adams
Fidelity Bldg.
Duluth, Minn.

Dear Sir:

This is to let you know that the only work that I have noticed was on the Silver Lead Mining Claim of the (Ruby Shaw) Franco's Group, Silver Bell Mining District, Pima County, Arizona, adjoining the Fortuna's Group.

The work noticeable was a few rocks and small boulders, plus a few shovels of fill dirt across a wash or small gulley - five minutes of one man's work. This I noticed when I was doing location work on the Fortuna's Nos. 2, 3, 4, and 5 in March, 1953.

Since, I have made other trips to this property, and there has not been any other work. I've been in the tunnels and looked at some of the shafts, and they are the same as when I worked on them in 1951.

I hereby certify the above to be true.

Very truly yours,

J. Arthur Zappia

J. Arthur Zappia

CC: Seton S. Williams
Victor H. Verity

Subscribed and sworn to (or affirmed) before me this

15th day of December, 1953

Winifred Burke Higgins
Notary Public

WINIFRED BURKE HIGGINS
My Commission Expires Jan. 1st, 1955

October 7, 1953

Mr. Robert M. Adams
12th Floor Fidelity Bldg.
Duluth 2, Minnesota

Dear Mr. Adams: Re: FORTUNA - RIQUEZA

The "Lobo" lode mining claim was located on July 3, 1953 by Seton Williams, being a relocation of the abandoned Buena Vista lode claim, and covers exactly the same ground. The notice of location was recorded July 15, 1953 in Docket 623 at page 172. Location work was done by Arthur Zappia under Seton's direction. The existing monuments will serve for the new claim. There has been a discovery of mineral in place on the claim though not necessarily in the new discovery cut or shaft. All location requirements were completed within the 90 day period fixed by Arizona law. The recorded notice is attached for your file. I have made a copy for my records.

A deed of the Lobo claim from Seton Williams to Robert M. Adams Company was executed on September 29 and left for recording at the County Recorders office on October 3. Your check for $11.20 payable to Seton was delivered to him on September 30.

An amended location notice was prepared, changing the name of the claim from Lobo to Fortuna No. 9 and was posted on the claim October 1. A copy will be recorded October 8 when delivered to me by Seton.

Seton has located the Fortuna Nos. 6, 7 and 8 and he wrote you on September 26. After receipt of your wire advising the claims were O.K. as shown on Seton's sketch the location notices were recorded October 3.

Concerning your letter to me of September 24, the statements made therein are correct. With reference to Seton's letter of the 26th, I question the advisability of precipitating action by writing to Mrs. Shaw. I prefer to wait and see what happens. I'll write you further about this point.

Very truly yours,

Victor H. Verity

VHV:lv
cc-S.W.

April 29, 1953

Mr. Robert M. Adams
12th Floor Fidelity Bldg.
Duluth 2, Minnesota

Dear Mr. Adams: Re: RIQUEZA - FORTUNA

I have prepared an "Affidavit of Labor Performed and Improvements Made" for the assessment year ending July 1, 1953. This affidavit has been sent to Seton Williams for his signature and acknowledgement. By means of his copy will ask him to return the affidavit to me and I will then attend to the recording.

In checking through my files to make sure that I had the claims properly itemized in the affidavit (incidentally, let me say that the statements contained in Seton's letter to me of April 11th are correct as regards the claims on which assessment work had to be done), I checked through the entire list of locations and find that from time to time I have sent to you the recorded notices with exception of the following:

Name of Claim	Date of Location	Book	Page
Fortuna No. 2	11-20-52	539	555
Fortuna No. 3	11-20-52	539	556
Fortuna No. 4	11-20-52	539	557
Fortuna No. 5	11-20-52	539	558
Riqueza No. 16	12-4-51	435	302
Riqueza No. 17	12-4-51	435	303
Riqueza No. 18	12-4-51	435	304
Riqueza No. 19	12-15-51	435	306
Riqueza No. 20	12-15-51	435	307
Riqueza No. 21	12-15-51	435	308
Riqueza No. 22	7-14-52	515	104
Riqueza No. 23	7-14-52	515	103
Riqueza No. 24	12-15-52	574	583
Riqueza No. 25	12-15-52	574	584
Riqueza No. 26	12-15-52	574	585
Riqueza No. 27	12-15-52	574	586
Pinta	12-4-51	435	305

Enclosed are the recorded notices of these claims.

With reference to "Affidavits of Labor Performed and Improvements Made," you will no doubt recall that the lease

and option agreement on the original Shaw - Franco claims was executed June 28, 1950. Assessment work was due on the group July 1, 1950. Mrs. Shaw had been doing work on the claims and I prepared an affidavit which she signed and this was recorded in Book 262, Pages 340 and 341 on June 28, 1950.

The next year, July 1, 1951, an affidavit was prepared by me and signed by J. Arthur Zappia, covering the work that was done by Robert M. Adams Company. This affidavit was recorded on July 23, 1951 in Book 369, Page 156.

The next assessment year ending July 1, 1952 an "Affidavit of Labor performed and Improvements Made" was prepared by me and signed by Seton Williams, covering the six claims of the Franco group. The work consisted of drilling a diamond drill hole on the mountainside claim. This affidavit was recorded July 1, 1952, in Book 481 at Page 568. On the same date and book but page 567 an "Affidavit of Labor Performed and Improvements Made" was recorded covering the work done on the Fortuna, Esperanza and Suerte claims by the Robert M. Adams Company. The affidavit was signed by Seton Williams.

I have copies of these above mentioned affidavits and am sending you herewith the original recorded documents.

Very truly yours,

Victor H. Verity

Enc.
VHV:lv
cc-S.W.

635 N. Third Ave.
Tucson, Arizona
April 11, 1953

Mr. Victor H. Verity
2207 E. Waverley St.
Tucson, Arizona

Re: Completion of Annual Work Requirements at the FRANCO-RIQUEZA property

Dear Mr. Verity:

Annual work requirements under federal mining law, for the various located claims which comprise the FRANCO-RIQUEZA property, were satisfied on or before April 6, 1953, for the current year.

Twenty-five (25) claims were covered by this program: SUERTE, FORTUNA, ESPERANZA, and RIQUEZA claims NO.1 through NO.21, plus the PINTA. The required expenditure thus amounted to $2,500.

All of the above named claims, with the single exception of PINTA are contiguous.

Total cost of work performed was as follows:

Bulldozing access roads in the east and central areas	$225.00
Hand labor on steeper section of roads	40.00
Diamond drilling in east, central, and west areas	2856.30
TOTAL COST OF ASSESSMENT WORK PERFORMED	$3121.30

. . . . . .

One hundred dollars ($100.00) of road work, comprised of bulldozing approximately one mile of access road from the old Silver Bell road into the discovery shaft of PINTA for future drilling operations is charged against annual work for the PINTA claim. Additional road work opened the east and central areas for the drilling just completed.

Work requirements for the remaining 24 contiguous claims were met by three diamond drill holes, each drilled to a depth of 150 feet in the east, central, and west portion of the property. Approximate location of the diamond drill holes is as follows:

RIQUEZA 22-1: About 180 feet east of the discovery shaft RIQUEZA 22.

RIQUEZA 3-1: About 200 feet west of the east end center line monument of RIQUEZA No.3.

FORTUNA 4-1: At the discovery cut of FORTUNA No.4.

The annual work just outlined was performed under written or verbal contract with the following parties:

BULLDOZING - Edward Nuñez, of Superior, Arizona. Mr. Nuñez, is currently employed by the B.S.&K. Mining Co., 242 S. 1st Ave., Phoenix, Arizona, but did this work entirely independent of his company connections.

HAND LABOR - Performed by and under immediate supervision of J. Arthur Zappia, 650 S. Fourth Avenue, Tucson, Ariz.

DIAMOND DRILLING - Performed by VOUGHT & REYNOLDS under written contract. Both Reynolds and Vought are residents of Tucson, Arizona. (Leland C. Vought and George W. Reynolds)

All phases of the annual work program were carried out under my supervision.

Respectfully yours,

Seton S. Williams

635 N. Third Ave.
Tucson, Arizona
March 13, 1953

Mr. Victor H. Verity
2207 E. Waverley
Tucson, Arizona

Dear Mr. Verity:

Location work for the eight new claims in the Franco-Riqueza Group, Silver Bell Mining District, Pima County, Arizona has been completed by J. Arthur Zappia and his crew.

Measurements of Fortuna locations made February 26th, and of Riqueza locations surveyed March 12th, reveal the following minimum dimensions:

Claim	Type of opening	Height of face	Length	Width	Cubic ft. removed
FORTUNA No.4	Cut	11 ft.	11 ft.	4.5 ft.	284
FORTUNA No.3	Cut	10 "	17 "	4 "	272
FORTUNA No.2	Cut	10.5"	15 "	4 "	276
FORTUNA No.5	Shaft	8½ ft.	6½ "	4.5 "	247
RIQUEZA No.24	Cut	10 ft.	14 ft.	4.5 ft	254
RIQUEZA No.25	Cut	10 "	16 "	4 "	224
RIQUEZA No.26	Shaft	8 "	6.5 "	4.5 "	234
RIQUEZA No.27	Shaft	8 "	6 "	4.5 "	216

The required 29 monuments, comprised of 50 inch posts, painted white and mounted in rock monuments which have also been painted white, have been erected at the proper positions to comply with federal mining statutes pertaining to mining locations.

REGISTERED GEOLOGIST
CERTIFICATE EXPIRES
SETON S. WILLIAMS
DEC. 31, 19
ARIZONA U.S.A.

Respectfully yours,

Seton S. Williams

636 W. Oro St.
Tucson, Arizona
February 24,1953

Received of Seton S. Williams, acting for Mr. Victor H. Verity:

ROBERT M. ADAMS COMPANY, check No. 330, dated February 16, 1953, drawn in favor of J. Arthur Zappia, and in the amount of $356.00.

It is understood that the check described above constitutes part payment in advance for work which I am performing for the ROBERT M. ADAMS COMPANY in connection with the location of the following mining claims situated in Pima County, Arizona, and contiguous to previously located claims which comprise the FRANCO-RIQUEZA property: FORTUNA claims No.s 2 through 5 inclusive; RIQUEZA claims No.s 24 though 27 inclusive.

J. Arthur Zappia

J. Arthur Zappia

635 N. Third Ave.
Tucson, Arizona
October 24, 1952

Mr. Victor H. Verity
2207 E. Waverley
Tucson, Arizona

Re: Location work on Riqueza No.22 and No. 23 lode claims

Dear Mr. Verity:

Location work performed on Riqueza No.22 and Riqueza No.23 lode mining claims was inspected on October 23rd. Results are as follows:

1. Eight (8) monuments have been erected marking claim corners, claim center lines, and the two discovery pits.

2. The discovery pit for Riqueza No.22 is comprised of a shaft 8 feet in depth, 6½ feet by 4 feet in section. Volume of rock removed is therefore 208 cubic feet, or 16 cubic feet in excess of statutory requirements.

3. The discovery pit for Riqueza No.23 is comprised of an open cut 18 feet in length, four feet in width, and 10 feet in height at the face. To expose the required ten feet at the face of the cut the sill close to the face has been cut at an incline downward. If the cut had been driven horizontally the face would have measured only eight feet in height. Dimensions 18'x4'x8' show that 288 cubic feet of rock have been removed, or that statutory requirements have been exceeded by 86 cubic feet without taking the additional volume of rock removed in the near-face incline area into consideration.

In summary, location work on the two claims has been completed and satisfies requirements of the federal mining law.

Respectfully yours,

Seton S. Williams

635 N. Third Ave.
Tucson, Arizona
October 24, 1952

Mr. Victor H. Verity
2207 E. Waverley
Tucson, Arizona

Re: Location work on Riqueza No.22 and No. 23 lode claims

Dear Mr. Verity:

Location work performed on Riqueza No.22 and Riqueza No.23 lode mining claims was inspected on October 23rd. Results are as follows:

1. Eight (8) monuments have been erected marking claim corners, claim center lines, and the two discovery pits.

2. The discovery pit for Riqueza No.22 is comprised of a shaft 8 feet in depth, 6½ feet by 4 feet in section. Volume of rock removed is therefore 208 cubic feet, or 16 cubic feet in excess of statutory requirements.

3. The discovery pit for Riqueza No.23 is comprised of an open cut 18 feet in length, four feet in width, and 10 feet in height at the face. To expose the required ten feet at the face of the cut the sill close to the face has been cut at an incline downward. If the cut had been driven horizontally the face would have measured only eight feet in height. Dimensions 18'x4'x8' show that 288 cubic feet of rock have been removed, or that statutory requirements have been exceeded by 86 cubic feet without taking the additional volume of rock removed in the near-face incline area into consideration.

In summary, location work on the two claims has been completed and satisfies requirements of the federal mining law.

Respectfully yours,

REGISTERED GEOLOGIST
CERTIFICATE EXPIRES
SETON S. WILLIAMS
DEC. 31, 19..
ARIZONA, U.S.A.

Seton S. Williams

635 N. Third Ave.
Tucson, Arizona
March 20, 1952

Mr. Victor H. Verity
2207 E. Waverley
Tucson, Arizona

Re: Completion of "location work" RIQUEZA No.16 thru No.21 mining claims for R.M.ADAMS CO.

Dear Mr. Verity:

Location work on the RIQUEZA group, claims No. 16 thru No. 21 inclusive, and for the PINTA claim, performed by Mr. J. Arthur Zappia for ROBERT M. ADAMS COMPANY has been completed, and satisfies the requirements of federal mining law in all respects. All required monuments have been erected, the necessary cubic footage of rock has been mined from each discovery cut or shaft, and the face of each cut meets or exceeds the minimum ten foot height stipulated by law.

Details of the work performed on these location workings are as follows:

Claim	Type cut	Height face	Length cut	Minimum width	Depth shaft
PINTA	shaft		6'	5'	8'
No.16	cut	10'	15'	4.5'	
No.17	cut	10	16	4.5	
No.18	cut	10	15	4.5	
No.19	cut	10	12	4.5	
No.20	shaft		7	4	8
No.21	cut	10	14.5	4.5	

In certain of these workings, where an unusually long horizontal cut is shown in the table above, the required ten foot height was gained by mining downward at a steep incline close to the face. In each case, however, more than the required cubic footage of rock was removed.

Respectfully submitted,

Seton S. Williams

635 N. Third Ave.
Tucson, Arizona
March 20, 1952

Mr. Victor H. Verity
2207 E. Waverley
Tucson, Arizona

Re: Completion of "location work" RIQUEZA No.16 thru No.21 mining claims for R.M.ADAMS CO.

Dear Mr. Verity:

Location work on the RIQUEZA group, claims No. 16 thru No. 21 inclusive, and for the PINTA claim, performed by Mr. J. Arthur Zappia for ROBERT M. ADAMS COMPANY has been completed, and satisfies the requirements of federal mining law in all respects. All required monuments have been erected, the necessary cubic footage of rock has been mined from each discovery cut or shaft, and the face of each cut meets or exceeds the minimum ten foot height stipulated by law.

Details of the work performed on these, location workings are as follows:

Claim	Type cut	Height face	Length cut	Minimum width	Depth shaft
PINTA	shaft		6'	5'	8'
No.16	cut	10'	15'	4.5'	
No.17	cut	10	16	4.5	
No.18	cut	10	15	4.5	
No.19	cut	10	12	4.5	
No.20	shaft		7	4	8
No.21	cut	10	14.5	4.5	

In certain of these workings, where an unusually long horizontal cut is shown in the table above, the required ten foot height was gained by mining downward at a steep incline close to the face. In each case, however, more than the required cubic footage of rock was removed.

Respectfully submitted,

Seton S. Williams

#15. Cut in jointed yellow-brown stained granite
Face hieght 10', length 15' (subshaft 4'½ × 7' × 10)

#17 Cut in jointed, altered gr? shear zone thru face
Face 10', length 16, subcut 4'½ × 8 × 10')

4.5 ×
8
360
9
324

#18 Cut in qtz vein in jointed granite
Face 10, length 15', width 4'½'

#19 Cut in granite
Face 10', length 12', 4½ wide or better

#20 Shaft in latite? leached purple, copper ox in slip N wall of shaft
Depth + 8' width 4' length + 7'

#21 Latite? under rykolitic talus (Latite, leached brown, under 5' talus blanket
Face 10', length 14½, Width 4½

PINTA shaft in qtz vein in granite (leached walls red brown
8' deep × 6' × 5½ wide

635 N. Third Ave.
Tucson, Arizona
December 5, 1951

Mr. Victor H. Verity
613 Valley National Bldg.
Tucson, Arizona

Re: Completion of "location work" RIQUEZA No.1 thru No.15 mining claims for R.M.ADAMS,CO.

Dear Mr. Verity:

Location work on the RIQUEZA group, claims No.1 through No.15 inclusive, performed by Mr. J. Arthur Zappia for ROBERT M. ADAMS COMPANY has been completed, and satisfies the requirements of federal mining law in all respects. All the required monuments have been erected, the necessary cubic footage of material has been mined from each discovery shaft or cut, dimensions of the single discovery shaft exceed those stipulated by law, and the face of each open cut meets or exceeds the minimum ten foot height stipulated by law.

Details of the work performed during the past several weeks are as follows:

	Ht.of face	Length of cut	Minimum width
RIQUEZA No.2 -	10.5 ft.	10 ft.	4.2 ft.
" " 8	10 "	15 "	4 "
" " 9	11 "	15 "	4 "
" " 10	10 "	14 "	4 "
" " 11	10.5 "	12.5 ft.	4 "
" " 12	10 "	12 "	4 "
" " 13	10 "	12 "	4 "
" " 14	10 "	17 "	4 "
" " 15	10 "	15 "	4.2 "

In certain of these location workings, where an unusually long horizontal cut is shown on the table above, the necessary 10 foot height of face was gained by mining downward at a steep incline close to the face. In each case, however, more than the required cubic footage of rock was removed.

Please note that the discovery cut for claim RIQUEZA No.2, which was not quite up to specifications on August 11th, was subsequently enlarged as indicated above.

Respectfully submitted,

Seton S. Williams

635 N. Third Ave.
Tucson, Arizona
August 11,1951

Mr. Victor H. Verity
613 Valley National Bldg.
Tucson, Arizona

Re: Completed location work for RIQUEZA claims No.1 - No.7

Dear Mr. Verity:

Location work for the new claims in the Silver Lead Group (T.11 S.,R.8 E., G&SRB&M),- RIQUEZA No.1 through RIQUEZA No.7 inclusive,- has been completed by Arthur Zappia and his crew.

Dimensions of the "discovery" workings are approximately as follows:

Claim	Discovery	Height of face	Length	Width	Cubic feet removed
RIQUEZA No.1	Open cut	10.5 ft.	16 ft.	4 ft.	335
RIQUEZA No.2	" "	10 "	9 "	4 "	180
RIQUEZA No.3	Shaft ----8 ft. deep,		9 "	5 "	360
RIQUEZA No.4	Open cut	10 ft.	11 "	4 "	220
RIQUEZA No.5	" "	10 "	13 "	4 "	260
RIQUEZA No.6	" "	10.5 "	13 "	4 "	273
RIQUEZA No.7	" "	10.3 "	11 "	4 "	227
8	8/1/51				
9	8/2/51				
10	8/2/51				
11	8/1/51				

A total of 34 monuments, including location and corner monuments ha ve been erected to mark the RIQUEZA claim group.

Yours very truly,

S.S.W.

Seton S. Williams, Geologist
Theodore A. Dodge Enterprises

635 N. Third Ave.
Tucson, Arizona
August 11,1951

Mr. Victor H. Verity
613 Valley National Bldg.
Tucson, Arizona

Re: Completed location work for RIQUEZA claims No.1 - No.7

Dear Mr. Verity:

Location work for the new claims in the Silver Lead Group (T.11 S.,R.8 E., G&SRB&M),- RIQUEZA No.1 through RIQUEZA No.7 inclusive,- has been completed by Arthur Zappia and his crew.

Dimensions of the "discovery" workings are approximately as follows:

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RIQUEZA No.4	Open cut	10 ft.	11 "	4 "	220
RIQUEZA No.5	" "	10 "	13 "	4 "	260
RIQUEZA No.6	" "	10.5 "	13 "	4 "	273
RIQUEZA No.7	" "	10.3 "	11 "	4 "	227

A total of 34 monuments, including location and corner monuments ha ve been erected to mark the RIQUEZA claim group.

Yours very truly,

THEODORE A. DODGE
MINING GEOLOGIST
TUCSON, ARIZONA

HOME
2833 EAST 2ND STREET
PHONE 8629

OFFICE
207 SOUTHERN ARIZONA
BANK BUILDING
PHONE 7126

635 N. Third Ave.
Tucson, Arizona
January 16, 1951

Mr. Victor H. Verity
613 Valley National Bldg.
Tucson, Arizona

Dear Vic:

On January 15th, 1951, the status of location work on claims in the SILVER LEAD GROUP, Silver Bell Mining District, Pima County, Arizona, was briefly as follows:

ADDITION- completed,- shaft measures 8'long, 4'wide, and 8' deep, discovery monument at shaft is 3' high.
Emon. OK.

SILVER LEAD- cut is ~~9'~~ 10 deep, 4'wide, averages 7.5' long. Discovery monument completed, cut must be sunk an additional foot.
Emon OK

TINAJA- completed,- shaft measures 6'long, 4'wide, and 8' deep. Discovery monument completed.
Emon OK

MOUNTAIN SIDE- cut lacks 2 feet of legal height at the face, and the discovery monument has not been built.
Emon OK
10' face, 15' sill, 4' width, mon. OK.

BUENA VISTA- it is my understanding that no work is to be done on this claim under the present contract with Zappia.

JOSEPHINE- No work at all has been done by the contractor on this claim. 8'x10½x4'(-)
Emon OK

SUERTE- No work at all has been done by the contractor on this claim. 10' face, 15' sill, 3½' width. Monument OK

FORTUNA- discovery cut completed,- cut measures 10'high at face, 4'wide, and 11.5 feet on the sill. Discovery monument is completed.

ESPERANZA- discovery/cut not completed,-cut measures 10'high at face, 10'long on the sill, but averages only 3.5' wide.

- - - - - - -

Of the four monuments to be erected along the west end lines of the FORTUNA and ESPERANZA claims, only one has been built, namely the southwest corner monument for the ESPERANZA.

Five additional monuments are proposed for location purposes, marking the center line of each of the old claims except the BUENA VISTA. The proper site for each of these additional monuments has been located and flagged, and these

THEODORE A. DODGE
MINING GEOLOGIST
TUCSON, ARIZONA

HOME
2833 EAST 2ND STREET
PHONE 8629

OFFICE
207 SOUTHERN ARIZONA
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PHONE 7126

locations have been pointed out to Mr. Zappia on a small sketch map prepared for him during a conference in this office just completed.

Discrepancies in the discovery workings, and the location of the "end line" monuments still to be erected were pointed out to the field crew yesterday and to Mr. Zappia this morning. Barring contrary instructions from you, I plan to visit the property with Mr. Zappia on January 19th or 20th,-by which date the work should be completed,- to make a final check on completion of the contracted discovery work.

Respectfully yours,

Seton S. Williams, Geologist
Theodore A. Dodge, Enterprises

HOME
2833 EAST 2ND STREET
PHONE 8629

THEODORE A. DODGE
MINING GEOLOGIST
TUCSON, ARIZONA

OFFICE
207 SOUTHERN ARIZONA
BANK BUILDING
PHONE 7126

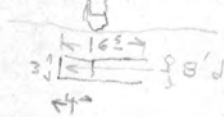
ADDITION OK = 8' long x 4' wide x 8' deep - shaft Mon. OK

SILVER LEAD CLOSE = Cut: 9' deep x 4' wide (9' long on E side, 7-8' long on west.) - MON. OK

SUERTE = UNTOUCHED

JOSEPHINE = UNTOUCHED

TINAJA OK = 4' w x 6' l. x 8' deep, mon O.K.

MOUNTAINSIDE NO =  8' deep at face - No monument

FORTUNA = 10' at back x 4' wide x 11½' long - Monument O.K. (lush purple muck)

FORTUNA - No ℄ west end line monument

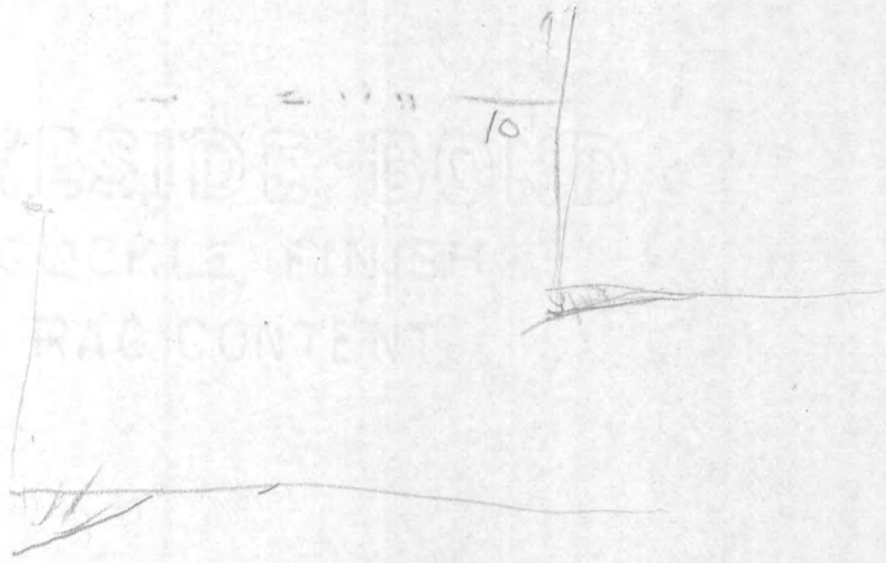
FORTUNA - ESPERANZA - No common west corner monument

ESPERANZA = 10' at back x 10' sill x 3½' wide, monument up, but loc. notice can is inaccessible

ESPERANZA = NO ℄ monument west end line,

ESPERANZA = S.W. cor. monument is OK

East Point #2 1500x - 750'E x 750'W
located Feb. 17th, 1950 course Easterly-Westerly 1/27/51



NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the PINTA Mining Claim was located by ROBERT M. ADAMS COMPANY on this 4th day of December, 1951, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is North - South and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the NE foot of Ragged Mtn. about in the NE ¼ of Sect. 24 T11S, R8E, G+SRB+M.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 1450 feet in a northerly direction to the north center end monument, or stake, and 50 feet in a southerly direction from the aforesaid monument, or stake, to the south center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By Seton S. Will Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

.....

MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

.....

.....

Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the SUERTE Mining Claim was located by ROBERT M. ADAMS COMPANY on this 27th day of December, 19 50, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is east - west and is situated in the Silver B ell Mining District Pima County, Arizona, about in the south half of Section 23, T.11 S., R.8 E., G& SRB&M. It is bounded on the south by the B UENA VISTA and the FORTUNA mining claims.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 140 feet in a westerly direction to the west center end monument, or stake, and 1360 feet in an easterly direction from the aforesaid monument, or stake, to the east center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By Theodore A. Dodge Agent

THEODORE A. DODGE

Theodore A. Dodge Locator.

NOTICE OF LOCATION

OF THE

.....

MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

.....

.....

Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the ESPERANZA Mining Claim was located by ROBERT M. ADAMS COMPANY on this 27th day of December, 19 50, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the Silver Bell Mining District Pima County, Arizona, about in the northeast quarter of section 26, T. 11 S., R. 8 E., G&SRB&M. It is bounded on the west by the MOUNTAIN SIDE mining claim, and it is bounded on the north by the FORTUNA mining claim.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 220 feet in a southwest direction to the southwest center end monument, or stake, and 1286 feet in a northeast direction from the aforesaid monument, or stake, to the northeast center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By THEODORE A. DODGE Agent

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the FORTUNA Mining Claim was located by ROBERT M. ADAMS COMPANY on this 27th day of December, 19 50, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the Silver Bell Mining District Pima County, Arizona, about in the northeast quarter of section 26, and southeast quarter of section 23, T. 11 S., R. 8 E., ~~G&SRB &M, and bounded by the following mining claims: on the north~~ by the SUERTE, on the west by the BUENA VISTA and the MOUNTAIN SIDE, on the south by the ESPERANZA.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 140 feet in a southwesterly direction to the southwest center end monument, or stake, and 1360 feet in a northeasterly direction from the aforesaid monument, or stake, to the northeast center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By Theodore A. Dodge Agent

THEODORE A. DODGE

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.1 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 18th day of July, 19 51, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is east - west and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the northwest slope of Ragged Mtn., in the south 1/2 of Section 23, T.11 S., R.8 E., G&SRB&M. It is bounded on the south by the SUERTE and on the east by RIQUEZA No.3 mining claims.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 75 feet in a westerly direction to the west center end monument, or stake, and 1425 feet in a easterly direction from the aforesaid monument, or stake, to the east center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By _____ Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.1 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 18th day of July, 19 51, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is east - west and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the northwest slope of Ragged Mtn., in the south 1/2 of Section 27, T.11 S., R.8 E., G&SRB&M. It is bounded on the south by the SUERTE and on the east by RIQUEZA No.3 mining claims.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 75 feet in a westerly direction to the west center end monument, or stake, and 1425 feet in a easterly direction from the aforesaid monument, or stake, to the east center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By _____ Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.2 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 19th day of JULY, 1951, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the north slope of Ragged Mtn., in the SE 1/4 of Sect.23, T.11 S., R.8 E., G&SRB &M, and bounded by the following cla ims: RIQUEZA No.3 on the N; RIQUEZA No.5 on the E., RIQUEZA No.7 and FORTUNA on the S.; and bounded by SUERTE on the West.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 310 feet in a northea st direction to the east center end monument, or stake, and 1190 feet in a southwest direction from the aforesaid monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By _____ Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

~~RIQUEZA~~ No 3 Mining

NOTICE IS HEREBY GIVEN That the ROBERT M. ADAMS COMPANY

Claim was located by July 18 on this day of, 1951, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast southwest

SILVER BELL Mining District

and is situated in the PIMA County, Arizona, about on the north slope of Ragged Mtn., in the SE 1/4, Section 23, T 11 S, R 8 E, G+SRB+M, and bounded on the north by RIQUEZA No 4 and No. 8., on the east by RIQUEZA No. 5, on the south by RIQUEZA No. 2, and on the west by RIQUEZA No. 1

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 850 feet in a northeast direction to the northeast center end monument, or stake, and 650 feet in a southwest direction from the aforesaid monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By Seton S. Williams Agent

SETON S. WILLIAMS

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.4 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 23rd day of July, 19 51, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the north slope of Ragged Mtn., in sections 23 + 24, T.11 S., R.8 E., G&SRB&M, and bounded by the following claims: on the south by RIQUEZA No.3 and RIQUEZA No.5.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 525 feet in a northeast direction to the east center end monument, or stake, and 975 feet in a southwest direction from the aforesaid monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By _____ Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.4 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 23rd day of July, 19 51, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the north slope of Ragged Mtn., in sections 23 + 24, T.11 S., R.8 E., G&SRB&M, and bounded by the following claims: on the south by RIQUEZA No.3 and RIQUEZA No.5.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 525 feet in a northeast direction to the east center end monument, or stake, and 975 feet in a southwest direction from the aforesaid monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By _____ Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.5 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 26 day of July, 19 51, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast- southwest and is situated in the SILVER BELL Mining District PIMA County, Arizona, about on the north slope of Ragged Mtn., in the SE 1/4 of Section 24 T.11 S.,R.8 E., G&SRB&M, and bounded on the south by RIQUEZA No.6, on the west by RIQUEZA NO.3, and partly bounded on the north by RIQUEZA No.4

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 640 feet in a northeast direction to the east center end monument, or stake, and 860 feet in a southwest direction from the aforesaid monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By _____ Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.5 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 26 day of July, 19 51, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast- southwest and is situated in the SILVER BELL Mining District PIMA County, Arizona, about on the north slope of Ragged Mtn., in the SE 1/4 of Section 24 T.11 S.,R.6 E., G&SRB&M, and bounded on the south by RIQUEZA No.6, on the west by RIQUEZA NO.3, and partly bounded on the north by RIQUEZA No.4

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 640 feet in a northeast direction to the east center end monument, or stake, and 660 feet in a southwest direction from the aforesaid monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By _____ Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.6 Mining Claim was located by ROBERT M. ADAMS COMPANY on this " 26th day of July, 19 51, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the north slope of Ragged Mtn., in the SW 1/4 of section 24 T.11 S., R.8 E., G&SRB&M, and bounded on the south by RIQUEZA No.7, on the west by RIQUEZA No.2, and on the north by RIQUEZA NO.5 .

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 90 feet in a northeast direction to the east center end monument, or stake, and 1410 feet in a southwest direction from the aforesaid monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By _____ Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.6 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 26th day of July, 19 51, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the north slope of Ragged Mtn., in the SW 1/4 of section 24 T.11 S., R.8 E., GSRB&M, and bounded on the south by RIQUEZA No.7, on the west by RIQUEZA No.2, and on the north by RIQUEZA NO.5 .

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 90 feet in a northeast direction to the east center end monument, or stake, and 1410 feet in a southwest direction from the aforesaid monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By _____ Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.7 Mining Claim was located by ROBERT M. ADAMS COMPANY on this " 25th day of July, 1951, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the SILVER BELL Mining District PIMA County, Arizona, about on the N. slope of Ragged Mtn., mainly in the SE 1/4 of Sect.23, and SW 1/4 section 24, T.11 S.,R.8 E., G&SRB&M, and bounded on the N. by RIQUEZA No.2 and No.6, and on the west by FORTUNA.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 650 feet in a northeast direction to the east center end monument, or stake, and 850 feet in a southwest direction from the aforesaid monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS CO.

By _____ Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.7 Mining Claim was located by ROBERT M. ADAMS COMPANY on this " 25th day of July, 1951, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the SILVER BELL Mining District PIMA County, Arizona, about on the N. slope of Ragged Mtn., mainly in the SE 1/4 of Sect.23, and SW 1/4 section 24, T.11 S.,R.8 E., G&SRB&M, and bounded on the N. by RIQUEZA No.2 and No.6, and on the west by FORTUNA.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 650 feet in a northeast direction to the east center end monument, or stake, and 650 feet in a southwest direction from the aforesaid monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS CO.

By _____ Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No. 16 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 4th day of December, 19 51, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the north east slope of Ragged Mtn mostly in the SW 1/4 of Sec. 24, T11S, R 8 E., G+SRB+M, and bounded on the west by RIQUEZA No. 5, bounded on the south by RIQUEZA No. 17

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 300 feet in a ~~northwest~~ southwest direction to the west center end monument, or stake, and 1200 feet in a northeast direction from the aforesaid monument, or stake, to the east center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS

By Seton S. Will Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No. 17 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 4th day of December, 1951, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the NE slope of Ragged Mtn. in the SW 1/4 of section 24, T11S, R8E, G+SRB+M, and bounded on the N. by RIQUEZA No. 16, on the W. by RIQUEZA No. 6, on the S. by RIQUEZA No. 11 and RIQUEZA No. 18

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 160 feet in a southwest direction to the west center end monument, or stake, and 1340 feet in a northeast direction from the aforesaid monument, or stake, to the east center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By Set S. Will Agent

Seton S. Williams Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM.

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No. 18 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 4th day of December, 19 51, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast - southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the NE slope of Ragged Mtn. in the S½ of section 24 T11S., R8E., G+SRB+M, and bounded on the N. by RIQUEZA No. 17, bounded on the W by RIQUEZA No. 11, bounded on the S. by RIQUEZA No. 13, RIQUEZA No. 14, and RIQUEZA No. 15

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 190 feet in a Southwest direction to the west center end monument, or stake, and 1310 feet in a northeast direction from the aforesaid monument, or stake, to the east center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

ROBERT M. ADAMS COMPANY

By Seton S. Williams Agent

Seton S. Williams

Locator.

NOTICE OF LOCATION

OF THE

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MINING CLAIM

This claim is a re-location of an abandoned mining claim known as the

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Mining Claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.22 Mining Claim was located by Robert M. Adams Company on this 14th day of July, 1952, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is Northeast - southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about at the east base of Ragged Mtn. in the SE¼ of section 24, T. 11 S., R. 8 E., C&SRB&M, and bounded on the west by RIQUEZA No.15, and on the south by RIQUEZA No.23

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 335 feet in a southwest direction to the southwest center end monument, or stake, and 1165 feet in a northeast direction from the aforesaid monument, or stake, to the north center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallellogram.

ROBERT M. ADAMS COMPANY

By _____ Agent

Seton S. Williams

Witness

Locator.

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.23 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 14th day of July, 1952, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is Northeast-southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about at the east base of Ragged Mtn. in the NE¼ of Section 25, T. 11 S., R. 8 E., G&SRB&M, and bounded on the north by RIQUEZA No.22, on the east by RIQUEZA No.24, and on the west by RIQUEZA No.19.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 100 feet in a northeast direction to the north center end monument, or stake, and 1400 feet in a southwest direction from the aforesaid monument, or stake, to the south center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallellogram.

ROBERT M. ADAMS COMPANY

By _____ Agent

Seton S. Williams

Witness

Locator.

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No. 24 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 15th day of December, 19 52 for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is Northeast - Southwest and is situated in the Silver Bell Mining District Pima County, Arizona, about on the east base of Ragged Mtn., mainly in the NE 1/4 of Section 25, T 11 S, R 8 E, G&SRB&M, and bounded on the west by RIQUEZA No. 23, on the north by RIQUEZA No. 26 and on the east by RIQUEZA No. 25

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 325 feet in a northeast direction to the North center end monument, or stake, and 1175 feet in a southwest direction from the aforesaid monument, or stake, to the South center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallellogram.

ROBERT M. ADAMS COMPANY

By Seton S. Will Agent
Seton S. Williams

Witness

Locator.

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.24 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 14th day of July, 19 52, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is Northeast - southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about on the east base of Ragged Mtn. mostly in the NE¼ of Section 25, T. 11 S., R. 8 E., G&SRB&M, and bounded on the west by RIQUEZA No.23, and on the east by RIQUEZA No.25

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 325 feet in a northeast direction to the north center end monument, or stake, and 1175 feet in a southwest direction from the aforesaid monument, or stake, to the south center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallellogram.

ROBERT M. ADAMS COMPANY

By _____ Agent
Seton S. Williams

Witness

Locator.

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No. 25 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 15th day of December, 19.52, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is Northeast - Southwest and is situated in the Silver Bell Mining District Pima County, Arizona, about 1/2 mile east of Ragged Mtn., in the NW 1/4 Section 30, T 11 S, R 9 E, G&SRB&M; it is bounded on the West by RIQUEZA No. 24 and on the north by RIQUEZA No. 27

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 225 feet in a northeast direction to the north center end monument, or stake, and 1275 feet in a southwest direction from the aforesaid monument, or stake, to the south center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallellogram.

ROBERT M. ADAMS COMPANY

By Seton S. Williams Agent
Seton S. Williams

Witness

Locator.

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No.25 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 14th day of July, 1952, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is Northeast - southwest and is situated in the Silver Bell Mining District PIMA County, Arizona, about ½ mile east of Ragged Mountain in the NW¼, Section 30, T. 11 S., R.9 E., G&SRB&M; it is bounded on the west by RIQUEZA NO. 24

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 225 feet in a northeast direction to the north center end monument, or stake, and 1275 feet in a southwest direction from the aforesaid monument, or stake, to the south center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallellogram.

ROBERT M. ADAMS COMPANY

By Seton S. Williams Agent

Witness

Locator.

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No. 26 Mining Claim was located by Robert M. Adams Company on this 15th day of December, 19.52., for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is northeast-southwest and is situated in the Silver Bell Mining District Pima County, Arizona, about in the SE 1/4 of Section 24, T 11 S, R 8 E, G&SRB&M, at the E. base of Ragged Mtn. It is bounded on the east by RIQUEZA No. 27, on the south by RIQUEZA No. 24, and on the west by RIQUEZA No. 22

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 250 feet in a southwest direction to the south center end monument, or stake, and 1250 feet in a northeast direction from the aforesaid monument, or stake, to the north center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallellogram.

ROBERT M. ADAMS COMPANY

By Seton S. Will Agent
Seton S. Williams

Witness

Locator.

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the RIQUEZA No. 27 Mining Claim was located by ROBERT M. ADAMS COMPANY on this 15th day of December, 19 52 for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is Northeast-southwest and is situated in the Silver Bell Mining District Pima County, Arizona, about 1/2 mile East of Ragged Mtn., in the SE 1/4 section 24, T 11 S, R 8 E, and SW 1/4 Section 19, T 11 S, R 9 E, G&SRB&M, It is bounded on the south by RIQUEZA No. 25 and on the west by RIQUEZA No. 26.

(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 1300 feet in a northeast direction to the north center end monument, or stake, and 200 feet in a southwest direction from the aforesaid monument, or stake, to the south center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallellogram.

ROBERT M. ADAMS COMPANY

By Seton S. Will Agent
Seton S. Williams

Witness

Locator.

ROBERT M. ADAMS COMPANY
NEVADA
Duluth 2, Minnesota
FIDELITY BUILDING

August 7, 1958

Mr. Allen M. Rugg, Jr.
5202 East 16th Street
Tucson 13, Arizona

Dear Mr. Rugg:

VENTURES

This seems to have gotten rather stymied but I haven't pushed it.

I gave Mr. Barrington a brief memo on the Fortuna in Toronto in April and another one on Gila Copper.

On May 23rd, Mr. Lowell advised that both memos had been referred to him by Mr. Barrington. He said they had nothing in their files and would appreciate any information thereon.

I wrote him on June 14th and June 17th--you have copies of same. His office in Tucson acknowledged on June 20th as follows. I understand that Mr. Lowell was up in Canada.

"I would like to acknowledge and thank you for the report on the Fortuna-Riqueza prospect and map of the area which you sent with your letter of June 17, 1958 addressed to Mr. J. D. Lowell.

"Mr. Lowell is presently out of the country, but I have forwarded the report to our Toronto office.

Yours very truly,

/s/

Antonio Barranco"

You will note that all I sent him was the original portfolio on the Fortuna that was largely the Dodge report without subsequent information. Also note that I referred him to you. When Mr. Lowell has returned to Tucson, I assume you know him, perhaps we can ascertain if they do want to talk about the Fortuna and receive more data and visit the property.

As to Gila Copper, we haven't sent them anything on that yet because first we want to see what becomes of Kern County Land.

Very truly yours,

RMA:kd

cc: R. M. Adams, Jr.

ROBERT M. ADAMS COMPANY
NEVADA
Duluth 2, Minnesota
FIDELITY BUILDING

August 7, 1958

Mr. Allen M. Rugg, Jr.
5202 East 16th Street
Tucson 13, Arizona

Dear Mr. Rugg:

FORTUNA

Next year we might go back to drilling, now that we have a road to the desired point and as you once suggested, use that hole for annual assessment work and keep on deepening it.

I always have in mind that some time we might patent some claims.

On the Fortuna as a whole, I admit that we have found practically no one who is at all enthusiastic about it. I have no definite feelings about the old workings except that I believe that showing was not closed off either north or east and drilling at that proposed location north of the workings might be an interesting hole.

As to the north side, it seems to me that this is a pronounced break running along the north side of Ragged Mountain and to date we have hardly scratched it.

While various people have said they don't like the color of the oxidation, still that's well mineralized country and it is a break parallel to the Silver Bell and it might mean something.

Whether Ventures is going to be interested in the Fortuna or not, we do not know as yet and we haven't talked lately with anyone else about it.

Very truly yours,

RMA:kd

cc: R. M. Adams, Jr.

ROBERT M. ADAMS
COMPANY
FIDELITY BUILDING
Duluth 2, Minnesota

June 17, 1958

Mr. J. David Lowell
Resident Manager
Southwest Ventures, Inc.
501 East Grant Road
Tucson, Arizona

Dear Mr. Lowell:

Supplementing my letter of the other day, I am sending you herewith preliminary data on Fortuna-Riqueza in the form of report gotten together in 1952, the main feature of which was the analysis of the picture by Ted Dodge of Tucson. With this report is a large scale plan map of the area colored to illustrate his geology.

I would suggest that with this material, if you had the area looked at in company with Mr. Allen Rugg that you ought to have a pretty fair idea whether you are interested in going into it further. If so, some further data could be supplied.

I am taking this course with the Fortuna first while waiting to get together a suitable file of data on Gila Copper, which will take a little time.

Very truly yours,

/s/ Robert M. Adams

RMA:law
Enclosures
cc: Mr. Allen M. Rugg, Jr.

June 14, 1958

Mr. J. David Lowell
Resident Manager
Southwest Ventures, Inc.
501 East Grant Road
Tucson, Arizona

Dear Mr. Lowell:

I must apologize for not answering at an earlier date your letter of May 23 in which you commented on the recent mention of Fortuna-Riqueza and Gila Copper prospects in Arizona, which I discussed briefly with Mr. Barrington in Toronto in April.

Mr. Allen Rugg is in touch with both properties, and Mr. Eldred Wilson is familiar with the Gila Copper picture--in fact, it is his geology on which it is based.

We will proceed to get data together for you as to both properties, and meanwhile I would suggest that you contact Allen Rugg as to both and Eldred Wilson as to Gila and have talks with them.

Very truly yours,

RMA:law
cc: Mr. J. D. Barrington

(Mr. Robert M. Adams, Jr.
Mr. Allen M. Rugg, Jr.
Mr. Victor H. Verity)

ROBERT M. ADAMS
FIDELITY BUILDING
Duluth 2, Minnesota

April 14, 1958

Mr. Annan Cook
District Geologist
Bear Creek Mining Company
1606 Hobart Building
San Francisco 4, California

Dear Mr. Cook:

Your letter of the 10th regarding Fortuna-Riqueza property in Arizona, we will be glad to have you look at any available drill samples therefrom when you are in Tucson. Will you please contact Mr. Allen M. Rugg, Jr., 5202 East 16th Street, Tucson?

As to the Gila Copper, I am advised by letter from Mr. Burgess of April 11 that your company is not further interested therein. Will you please turn over to my son Robert M. Adams, Jr., 200 Bush Street, data given to Mr. Burgess last October, which I assume you have had in your files.

Very truly yours,

RMA:law
cc: Mr. Robert M. Adams, Jr.
Mr. C. H. Burgess
Mr. Allen M. Rugg, Jr.

ROBERT M. ADAMS COMPANY
NEVADA
Duluth 2, Minnesota
FIDELITY BUILDING

April 14, 1958

Mr. Allen M. Rugg, Jr.
5202 East 16th Street
Tucson, Arizona

Dear Mr. Rugg:

RE FORTUNA

Note the enclosed copies of correspondence with Kennecott on Fortuna. They have made no statement as yet that they are or are not interested in the property. You note Cook has been asking for a certain drill hole. I have referred him to you. If I remember correctly, Lee Vought has all the drill samples of the Fortuna in his warehouse?

This is another one I am going to mention to Ventures because you had taken their man Bennett out there in the recent past; though from reading over your letters I am not quite sure of where their interest might lie, if interested at all. I gather that he thought the south side was local and that the north side might have a chance for high grade ore bodies, not a large disseminated one.

Whether I will be talking with anybody in Toronto that knows anything about the property, I do not know. But if they are interested at all in the sound of it(and/or the Gila Copper), you will learn of it.

In our recent phone conversation we talked about Mr. Kalaf. We were talking with him when I was last in Tucson a year ago this last January. If he were interested in the south side, as he appeared to be at that time, maybe we could route the south side his way and the north side elsewhere.

Very truly yours,

RMA:law
Enclosures
cc: RMA, Jr.