CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

The following file is part of the Walter E. Heinrichs, Jr. Mining Collection

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CONFORMED COPY

AFFIDAVIT OF PERFORMANCE OF ANNUAL LABOR

STATE OF ARIZONA)
) ss.
COUNTY OF PIMA)

WALTER E. HEINRICHS, Jr., being first duly sworn, deposes and says:

That he is a citizen of the United States and more than twenty-one years of age; he is a registered professional mining engineer No. 2447, in the State of Arizona and is personally acquainted with the following unpatented mining claims situated in the Silver Bell Mining District of Pima County, Arizona, the location notices of which are of record in the office of the County Recorder of Pima County as follows:

NAME OF CLAIM	BOOK	PAGE
Fortuna 4	539	557
Fortuna 5	539	558
Fortuna 8	645	332
Josephine	321	415
Addition	321	411
Tinaja	321	413

That the said mining claims are contiguous and constitute a single group and are owned by Robert M. Adams Company.

That the affiant is now, and has been since August 1959, employed as consulting mining and exploration engineer and geologist by Robert M. Adams Company, and that he is duly authorized to make this affidavit for and on behalf of the owner of the said property.

That between January 3, 1962 and January 11, 1962 at least Six Hundred Dollars ($600.00) worth of work and improvements were done and performed upon the said claims, not including the location work. The work was performed by Heinrichs Geoexploration Company of Tucson, Arizona, at the request and expense of Robert M. Adams Company, for the purpose of complying with the laws of the United States pertaining to assessment or annual work for the assessment year ending September 1, 1962, at a cost of not less than $600.00 and Walter E. Heinrichs, Jr., E. Grover Heinrichs, John W. Marlatt, Franklin A. Seward, Jr., and Chris S. Ludwig, employees of Heinrichs Geoexploration Company, all of Tucson, Arizona were the men who performed the said work, and that these personnel represent a total of approximately 60 years of training and/or experience as graduate geophysical engineers, geologists and/or technicians, working under the direct supervisiton of affiant as President and General Manager of Heinrichs Geoexploration Company.

The work was performed on the Fortuna Nos. 4, 5, 8 and Josephine Claims for the benefit of the group of six mining claims above described, and consisted of geophysical surveys--Induced Polarization and Magnetometer. The attached data sheets show the location of this and the basic findings therefrom.

Registered Professional Engineer (Mining) CERTIFICATE EXPIRES DEC. 31, 1962 WALTER E. HEINRICHS, JR. ARIZONA, U.S.A.

Walter E. Heinrichs, Jr.
Registered Engineer

Subscribed and sworn to before me this 17th day of September 1962.

M. Jean Heinrichs
Notary Public

My Commission Expires July 20, 1965

Robert M. Adams Co.
Fortuna Claim Group
Pima County, Arizona

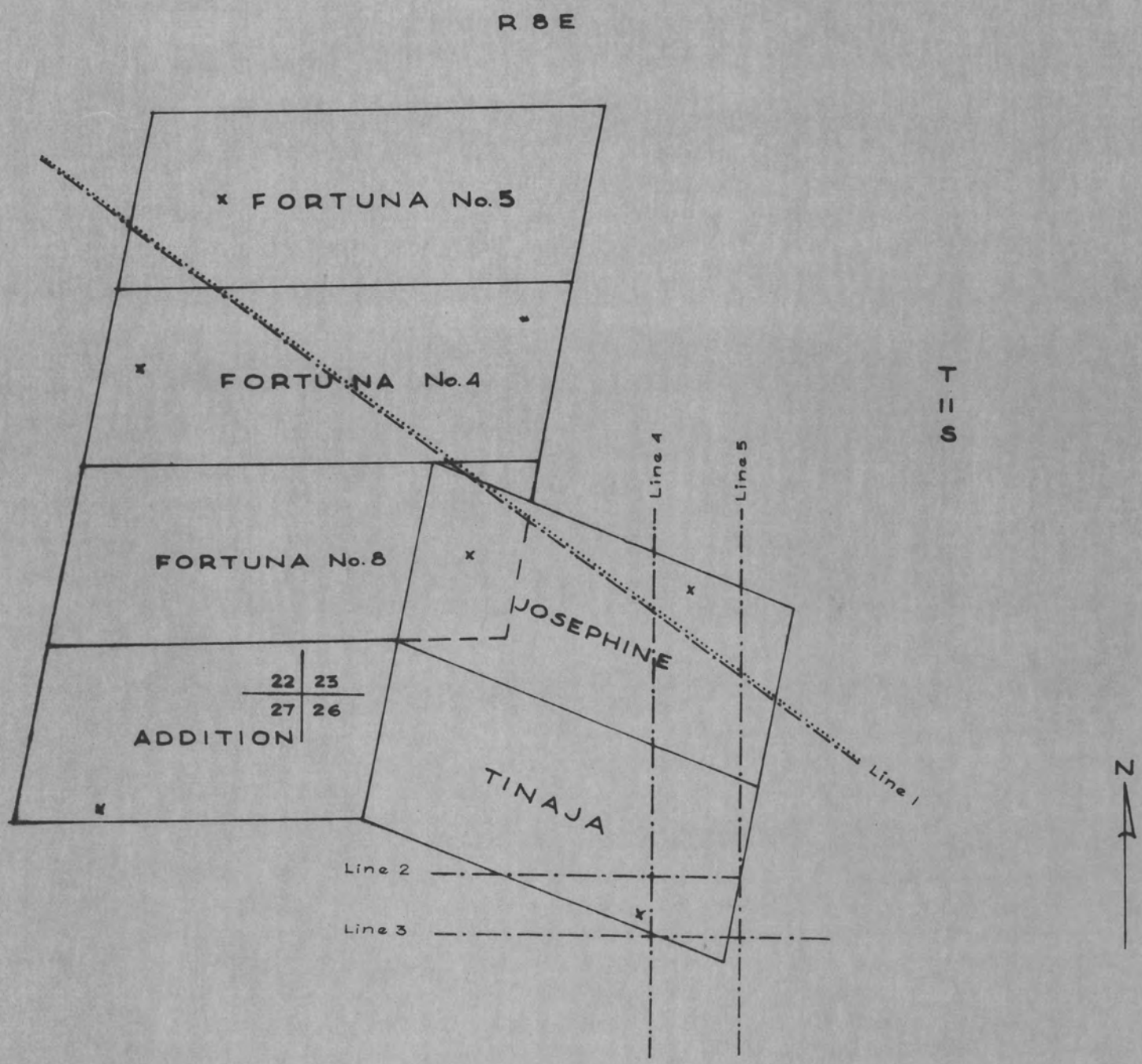
Summary of Magnetic Results--January 1962.

Readings in gammas---base level arbitrary.

Line 1	Line 2	Line 3	Line 4	Line 5
917	1038	696	784	776
948	1065	787	791	747
886	1122	1156	727	647
1112	1416	1267	591	691
906	826	994	580	683
876	1008	969	897	985
989		564	720	1218
845		654	893	922
783			1015	380
803			816	858
834				
742				
721				
721				
742				

by:
HEINRICHS GEOEXPLORATION COMPANY
P. O. Box 5671
Tucson, Arizona

Courthouse of Pima County, Arizona
Date: Sept 18, 1962 2:48 PM
Book: 1992 Page: 75-78
Deputy County Recorder: Ida Mae Smyth

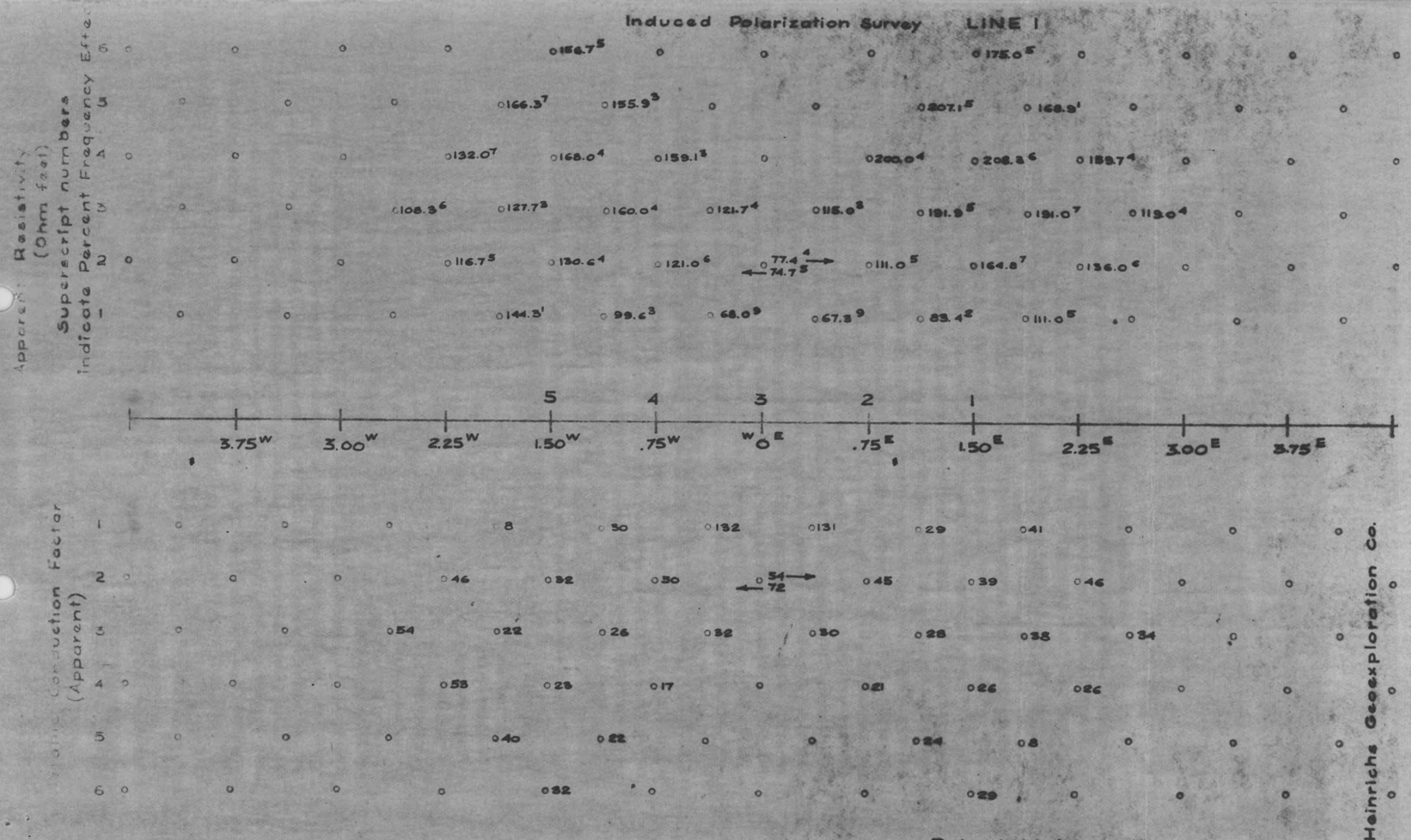


—.—.—.— Magnetometer Lines

..... I.P. Line

x Discovery location

LOCATION MAP
for
Robert M. Adams Co.
Pima County, Arizona
Scale: 1" = 500' Jan. 1962
by
Heinrichs Geoexploration Co.
Box 5671 Tucson, Arizona



Jan. 1962
Scale: 1" = 750'

0 E/W located at approx. 100' S75° W
from the end center of FORTUNA 5

Robert M. Adams Co.
FORTUNA CLAIM GROUP
Sectional Data Sheet

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) ss.
COUNTY OF PIMA)

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Registered Professional Engineer (Mining)
CERTIFICATE EXPIRES
WALTER E. HEINRICHS, JR.
DEC. 31, 1962
ARIZONA, U.S.A.

Walter E. Heinrichs, Jr.
Registered Engineer

Subscribed and sworn to before me this 17th day of September 1962.

M. Jean Heinrichs
Notary Public

My Commission Expires July 20, 1965

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Fortuna Claim Group
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783			1015	380
803			816	858
834				
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by:
HEINRICHS GEOEXPLORATION COMPANY
P. O. Box 5671
Tucson, Arizona

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Registered Professional Engineer (Mining) CERTIFICATE EXPIRES WALTER E. HEINRICHS, JR. DEC. 31, 19 62 ARIZONA, U. S. A.

Walter E. Heinrichs, Jr.
Registered Engineer

Subscribed and sworn to before me this 17th day of September 1962.

M. Jean Heinrichs
Notary Public

My Commission Expires July 20, 1965

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STATE OF ARIZONA)
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W. E. Heinrichs, Jr.
Walter E. Heinrichs,
Registered Engineer

Registered Professional Engineer (Mining)
CERTIFICATE EXPIRES
WALTER E. HEINRICHS, JR.
DEC. 31, 1962
ARIZONA, U.S.A.

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Notary Public

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Walter E. Heinrichs, Jr.
Registered Engineer

Registered Professional Engineer (Mining)
CERTIFICATE EXPIRES
WALTER E. HEINRICHS, JR.
DEC. 31, 1962
ARIZONA, U. S. A.

Subscribed and sworn to before me this the 10th day of September 1962.

M. Jean Hamricke
Notary Public

My commission expires:

My Commission Expires July 20, 1965

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Registered Engineer

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CERTIFICATE EXPIRES
WALTER E. HEINRICHS, JR.
DEC. 31, 1962
ARIZONA, U. S. A.

Subscribed and sworn to before me this the 10th day of September 1962.

M. Jean Heinricha
Notary Public

My commission expires:

My Commission Expires July 20, 1965

September 10, 1962

Mr. Robert M. Adams
Fidelity Building
Duluth 2, Minnesota

Dear Mr. Adams,

FORTUNA

We have not yet received the information we need to enable us to complete an affidavit on the six claims to be held by geophysical work; i.e. the book and page numbers of the original locations for the Fortuna 8, Josephine, Tinaja and the Addition.

The assessment work for Fortuna 6, Fortuna 7, Fortuna 9 and the Esperanza consisted of deepening and enlarging two holes. One of these holes was above and on the east side of the main workings and this year's work broke through and in to the upper level. Considerable mineralization is exposed--galena, sphalerite, chalcopyrite and pyrite and should greatly enhance the picture if patent proceedings are ever started. The other hole enlargement, which was the cut dug for 1951 annual work on Fortuna 6 (a little south of center of the claim) showed nothing new megascopically.

An affidavit for these four claims has been prepared separately but we are awaiting the needed information for the other six claims in order that they may be recorded together.

GILA AND JIM

An affidavit for the Jim Claims has been sent to the Recorder in Florence and will be sent to you ~~with~~ when it is returned to us. The location holes on the five new Gila Claims have been completed.

Billings to date on both areas are enclosed. Because we have had to pay the contractor "out of pocket", your prompt payment of these statements will be most appreciated.

Sincerely yours,

JWM:jh
Enclosures: 3

J. W. Marlatt

SUMMARY OF ASSESSMENT WORK DONE ON

FORTUNA CLAIMS FOR ROBERT M. ADAMS COMPANY

1961-62	Fortuna 6, 7, 9, & Esperanza - blasting to enlarge former workings on Fortuna 6 & 8 Fortuna 4, 5, 8, Addition, Tinaja, & Josephine - geophysics - I.P. & magnetics.
1960-61	Fortuna 6, 7, 9, Esperanza - Geophysics - magnetics
1959-60	Fortuna 6, 7, 9, & Esperanza - Geochem. sampling
1958-59	Fortuna 6, 7, 9, & Esperanza, Fortuna, Fortuna~~z~~ 2 & Suerte - BX drill hole on Fortuna 9 by ~~m~~etter Bros. - 90 feet.
1957-58	Fortuna, Fortuna 2, 6, 7, 9, Esperanza & Suerte - Road repair & imporvements by Tate Mine Development.
1956-57	Fortuna, Fortuna 2, 6, 7, 9, Esperanza, Suerte, Riqueza 3, 5, 14, 15, 16, 17, 18 - Drill hole by Mines Exploration and Development Co-~~20005~~ 2005 feet.
1955-56	Fortuna, Fortuna 2, 6, 7, 9, Esperanza, and Suerte - Mines Exploration and Development Co. did 115 feet of ax drilling on Fortuna 9.

Previous to above, all we have are references in Verity's letter of April 29, 1953 and Seton William's letter of April 11, 1953. They contain some references to previous assessments.

SUMMARY OF ASSESSMENT WORK DONE ON

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1957-58 Fortuna, Fortuna 2, 6, 7, 9, Esperanza & Suerte - Road repair & imporvements by Tate Mine Development.

1956-57 Fortuna, Fortuna 2, 6, 7, 9, Esperanza, Suerte, Riqueza 3, 5, 14, 15, 16, 17, 18 - Drill hole by Mines Exploration and Development Co-~~20005~~ 200.5 feet.

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HEINRICHS GEOEXPLORATION COMPANY
MINERAL ENGINEERING CONSULTANTS AND CONTRACTORS
GEOPHYSICAL, GEOLOGICAL AND ECONOMIC APPRAISALS
TUCSON, ARIZONA

WALTER E. HEINRICHS, JR.
E. GROVER HEINRICHS

PHONE: MAIN 2-4202
806-808 WEST GRANT ROAD
MAIL: P. O. BOX 5671

September 1,1962

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 advice 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 contact Heinrichs Geoexploration Company, Box 5671, Tucson-Arizona.
808 West Grant Road

September 1, 1962.

Robert M. Adams Company

HEINRICHS GEOEXPLORATION COMPANY
MINERAL ENGINEERING CONSULTANTS AND CONTRACTORS
GEOPHYSICAL, GEOLOGICAL AND ECONOMIC APPRAISALS
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TUCSON, ARIZONA

WALTER E. HEINRICHS, JR.
E. GROVER HEINRICHS

PHONE: MAIN 2-4202
806-808 WEST GRANT ROAD
MAIL: P. O. BOX 5671

September 25, 1962

Robert M. Adams
Fidelity Building
Duluth 2, Minnesota

Dear Mr. Adams,

Enclosed are the two recorded affidavits fot the [redacted] Fortuna claims. Yesterday I mailed you a map and a reproducible sepia of the claims.

The affidavit for the Gila claims was sent to the Pinal County recorder quite some time ago and is overdue so I am sending them a letter asking about it. As soon as we can get it back it will be forwarded to you.

Our billing is enclosed.

Sincerely
HEINRICHS GEOEXPLORATION CO.

J. W. Marlatt
Geologist

JM:ib

CONFORMED COPY

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DEC. 31, 19
ARIZONA, U. S. A.

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M. Jean Heinrichs
Notary Public

My commission expires:

My Commission Expires July 20, 1965

Courthouse of Pima County, Arizona
Date: Sept. 18, 1962 2:47 PM
Book: 1992
Page: 73-74
Deputy County Recorder: Ida Mae Smyth

March 9, 1962

Mr. Robert M. Adams
Fidelity Building
Duluth 2, Minnesota

Re: Fortuna

Dear Mr. Adams:

This is in reply to your letter of 21 February 1962.

The new claims Fortuna 10 through Fortuna 17, outlined in red on your map is correct.

Also correctly, the claims outlined in brown have been maintained by assessment work for the past few years and are Fortuna 6, Fortuna 7, Fortuna 9 and the Esperanza.

At one time, when you were more actively considering amending the locations and patenting 4 claims around a common discovery on the present Fortuna 9 as per suggestions by Vic Verity, we believe he may have logically intended to move the common corner of Josephine, Fortuna 9, Tinaja and Fortuna 6 to this point and drop Fortuna 7 and Esperanza.

In any event, except for continuety of title from year to year--especially in the face of any adverse third party interests, this does not matter too much. Our current thought, if you wish to continue holding four claims with possibly patentable discovery, that these be Fortuna 9, 6, Fosephine and Tinaja. This has obvious practical advantages and I don't think is legally too objectionable, although I would prefer and recommend obtaining a lawyers confirming opinion first.

As to renewed claims (shown in green on your map) now in good standing by applying the recent geophysical work done as legal annual labor, again the situation does not allow exact focus. The law is not completely specific and is subject to variations between conservative and liberal opinion and action. In lieu of contrary legal advice and any known third party adverse interests, we feel you definitely should be able to hold 5 of the old claims and probably can hold 6, but could <u>not</u> hold 8 legally. This is based on

a little over $600 of applicable geophysical expendature this assessment year to date. This would only apply to claims other than Fortuna 6, 7, 9 and Esperanza. The latter now have had two consecutive years of geophysical type assessment work and must this year have old conventional type labor.

Pending applicable work done between now and 1 September 1962, as of now, we would plan your doing $200 of old type work on Fortuna 9 & 6, dropping Fortuna 7 and Esperanza and picking up Fortuna 4, 5, 8, Josephine, Tinaja,and Addition in that approximate order of decreasing preference. At present, the maximum legitimate new expenditure we can swear to in an affidavit of labor is well under $700, so we would consider Fortuna 2 & 3 open. Of course these can be added if sufficient more work is done. In any case, you are reminded that geophysical assessment requires recording a "detailed report of the basic findings". The older law merely requires that the work be done and affidavit "may" be filed.

To guarantee holding the 8 new claims, final location work should be started by the first week in April 1962 or about three weeks hence. Depending on results, additional I. P. geophysics might tell if such effort is warranted or not. Otherwise this ground will again be open.

A copy of your map is enclosed.

Sincerely yours,

Walter E. Heinrichs, Jr.

WEH:jh
Enclosures

January 24, 1962

Mr. R. M. Adams
Fidelity Building
Duluth 2, Minnesota

Dear Mr. Adams,

Two copies of our report on Geophysical Investigations on the Fortuna Claim Group Project, Pima County, Arizona are herewith enclosed. Outlined in red on the plan map in the report are the new claims located January 9, 1962. Also shown is the Bodiddle Claim which overlaps the Addition. Our new area of interest is indicated on the plan map and our recommendations are stated in the report.

A machine copy of our letter from R. E. Cattany, Attorney-at-law is also attached.

In addition to our statement dated 11 January 1962 in the amount of $1413.57, the following additional expenses have been incurred to date:

Legal fees, R. E. Cattany----------	$45.00
2 quadrangle maps----------	1.20
	$46.20
Balance due 11 Jan. 1962--------	$1413.57
TOTAL DUE----------	$1457.77

Awaiting your early comments, I remain

Sincerely yours,

E. Grover Heinrichs

EGH:jh

Enclosures

January 16, 1962

Mr. Robert M. Adams
Fidelity Building
Duluth 2, Minnesota

Dear Mr. Adams,

Apparently our last letter and yours of 11 January crossed in the mail. Added answers are as follows:

F

Gila: The Jim claims as they exist would leave a gap if not resurveyed. ~~The Xmas~~ claims (formerly Gila 14, 15, 16, 17, 22 & 24) would not join in a contiguous fashion with the old Jim claim group. Simplest way might be to forget Jim claims, but either way probably would not be simple. See two attached prints of Gila group as revised December 1961 and six color photos of area involved.

F

Fortuna: See our last letter re: Addition Claim. This is not of too much concern really.

Iron Age California Iron: Near Twentynine Palms. Will send further information.

Hachita, New Mexico: Will send a rough memo.

Very truly yours,

Walter E. Heinrichs, Jr.

WEH:jh

Enclosure

January 11, 1962

Mr. R. M. Adams
Fidelity Building
Duluth 2, Minnesota

Re: Fortuna Area

Dear Mr. Adams,

In lieu of hearing from you in response to our letter of 29 December 1961, we hasten to bring you up to date as of now.

After thorough review of all previous results, data and opinions on hand, and preliminarily reconnoitering the whole area on the ground and from the air, the following is our collective opinion:

1. Possibly about 4 claims around Buena Vista Mine are the only claims immediately patentable.

2. Even though possibly patentable, the Buena Vista show alone looks economically submarginal and would be hard to sell as is.

3. The only other possibly significant clue in the immediate vicinity revealed to us at the present is the altered area westerly from Buena Vista Mine. The total direct evidence here is more vague and speculative than the Buena Vista, but the economic potential, if any, looks much better than at Buena Vista.

4. The situation in this later area warrants some risk capital expenditure and is the best such area in the immediate claim vicinity that we know of at present.

This is further confirmation of the ideas we advanced previously and further confirms ~~the~~ justifies the plans made in our last discussion when you were here. On this basis, and since we did not hear from you to the contrary, we went ahead with a minimum of I. P. geophysical recon over the area, part of which will revalidate some of your old claims assessment work. Some added encouragement was obtained from

these results. This, together with previous geophysical anomalism and reported results from the old drill hole in Fortuna No. 4, indicates a zone of sulfides in this area. Of course, the sulfides may be only pyrite. However, there may be sufficient justification for someone to eventually try and outline the sulfide zone by further geophysics and based on these results, to consider some drilling.

Eight new claims were located and these will suffice to temporarily protect this area for 90 days. Apropos our phone talk when you were in San Francisco, so far we have found only one possible claim with minor overlapping conflict on your claims to the south. This would involve part of your old Addition Claim.

Enclosed is our current statement to date. More detailed report, maps, etc. are in preparation and will follow. Meanwhile we would appreciate your comment.

No word yet from the courts on Mitchell vs. Mitchell, but we expect to hear at any time.

Sincerely yours,

HEINRICHS GEOEXPLORATION CO.

Walter E. Heinrichs, Jr.
President & General Manager

WEH:jh
Enclosures

COPY

No: 23057
Book: 1917 Page: 495
Date: 1962 APR.5 AM 11:53
Request of: Heinrichs Geoexpl. Co.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Fortuna No. 10 lode mining claim was located by Robert M. Adams Company on Jan. 9, 19 62. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East - West and is situated in the Silver Bell Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 1450 feet in a Westerly direction to the West center end monument or stake and 50 feet in a Easterly direction from the location 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 the 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.

The Fortuna No. 10 location monument lies 950 feet in a S 60°W from center line corner of G & SRB&M, T11S, R8E.

	Fortuna No. 11	Fortuna No. 6
	Fortuna No. 10	Addition

For Robert M. Adams Company
by Chris D. Ludwig, Agent
Locator

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

No: 23058
Book: 1917 Page: 496
Date: 1962 APR. 5 AM 11:53
Request of: Heinrichs Geoexpl. Co.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Fortuna No. 11 lode mining claim was located by Robert M. Adams Company on Jan. 9, 1962. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East - West and is situated in the Silver Bell Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 1450 feet in a Westerly direction to the West center end monument or stake and 50 feet in a Easterly direction from the location 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 the 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.

the Fortuna No. 11 location monument lies 950 feet in a N62° W direction from section corner ~~22/23~~ ~~27/26~~, G & SRB & M, T 11 S, R 8 E.

Fortuna No. 12	Fortuna No. 4
Fortuna No. 11	Fortuna No. 6
Fortuna No. 10	Addition

for Robert M. Adams Company
by Chris S. Ludwig, Agent
Locator

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

No: 23059
Book: 1917 Page: 497
Date: 1962 APR. 5 AM 11:53
Request of: Heinrichs Geoexpl. Co.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Fortuna No. 12 lode mining claim was located by Robert M. Adams Company on Jan. 9, 1962. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East - West and is situated in the Silver Bell Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 1450 feet in a Westerly direction to the West center end monument or stake and 50 feet in a Easterly direction from the location 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 the 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.

The Fortuna No. 12 location monument lies 1250 feet in a N37 W direction from section corner 22,23 / 27,26, G&SRB&M, T11S, R8E.

	Fortuna No. 13	Fortuna No. 5
	Fortuna No. 12	Fortuna No. 4
	Fortuna No. 11	Fortuna No. 8

for Robert M. Adams Company
by Chris [illegible], Agent
Locator

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

No: 23060
Book: 1917 Page: 498
Date: 1962 Apr. 5 AM 11:53
Request of: Heinrichs Geoexpl. Co.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Fortuna No. 12 lode mining claim was located by Robert M. Adams Company on Jan. 9, 1962. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East - West and is situated in the Silver Bell Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 1450 feet in a Westerly direction to the West center end monument or stake and 50 feet in a Easterly direction from the location 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 the 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.

The Fortuna No. 12 location monument lies 1750 feet in a N22°W direction from section corner 22/23 27/26, G&SRB&M, T11S, R8E.

	Fortuna No. 14	Fortuna No. 16
	Fortuna No. 13	Fortuna No. 5
	Fortuna No. 12	Fortuna No. 4

for Robert M. Adams Company
by Chris D. Ludwig, Agent
Locator

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

No. 23061
Book: 1917 Page: 499
Date: 1962 APR. 5 AM 11:53
Request of: Heinrichs Geoexpl. Co.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Fortuna No. 14 lode mining claim was located by Robert M. Adams Company on Jan. 9, 1962. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East - West and is situated in the Silver Bell Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 1450 feet in a Westerly direction to the West center end monument or stake and 50 feet in a Easterly direction from the location 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 the 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.

The Fortuna No. 14 location monument lies 2300 feet in a N 12° W direction from section corner ~~28/27~~ 29/26, G&SRB&M, T11S, R8E.

	Fortuna No. 15	Fortuna No. 17
	Fortuna No. 14	Fortuna No. 16
	Fortuna No. 13	Fortuna No. 5

for Robert M. Adams Company
by Chris L. Lindsey, Agent
Locator

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

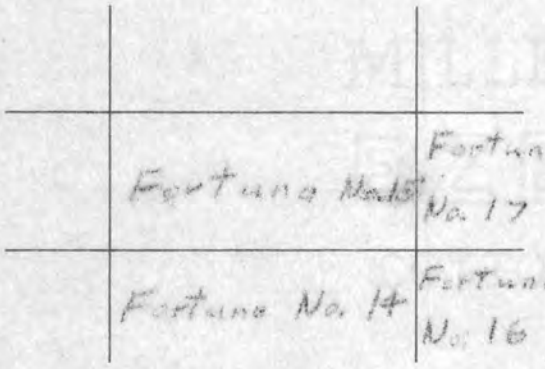
No. 23062
Book: 1917 Page: 500
Date: 1962 APR. 5 AM 11:54
Request of: Heinrichs Geoexpl. Co.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Fortuna No. 15 lode mining claim was located by Robert M. Adams Company on Jan. 9, 1962. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East - West and is situated in the Silver - Bell Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 1450 feet in a Westerly direction to the West center end monument or stake and 50 feet in a Easterly direction from the location 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 the 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.

The Fortuna No. 15 location monument lies 2800 feet in a N 8° W direction from section corner 22/23 27/26, G&SRB&M, T11S, R8E.

Fortuna No. 15	Fortuna No. 17
Fortuna No. 14	Fortuna No. 16



for Robert M. Adams Company
by Chris J. Ludwig, Agent
Locator

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

No. 23063
Book: 1917 Page: 501
Date: 1962 APR. 5 AM 11:54
Request of: Heinrichs Geoexpl. Co.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Fortuna No. 16 lode mining claim was located by Robert M. Adams Company on Jan. 9, 19 62. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East - West and is situated in the Silver Bell Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 1450 feet in a Easterly direction to the East center end monument or stake and 50 feet in a Westerly direction from the location 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 the 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.

the Fortuna No. 16 location monument lies 2250 feet in a N 11° W direction from section corner ~~[illegible]~~, G&SRB&M, T11S, R8E.

Fortuna No. 15	Fortuna No. 17	
Fortuna No. 14	Fortuna No. 16	
Fortuna No. 13	Fortuna No. 5	

for Robert M. Adams Company
by Chris L. Ludwig, Agent
Locator

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

No. 23064
Book: 1917 Page: 502
Date: 1962 APR. 5 AM 11:54
Request of: Heinrichs Geoexpl. Co.

Notice of Location
(LODE)

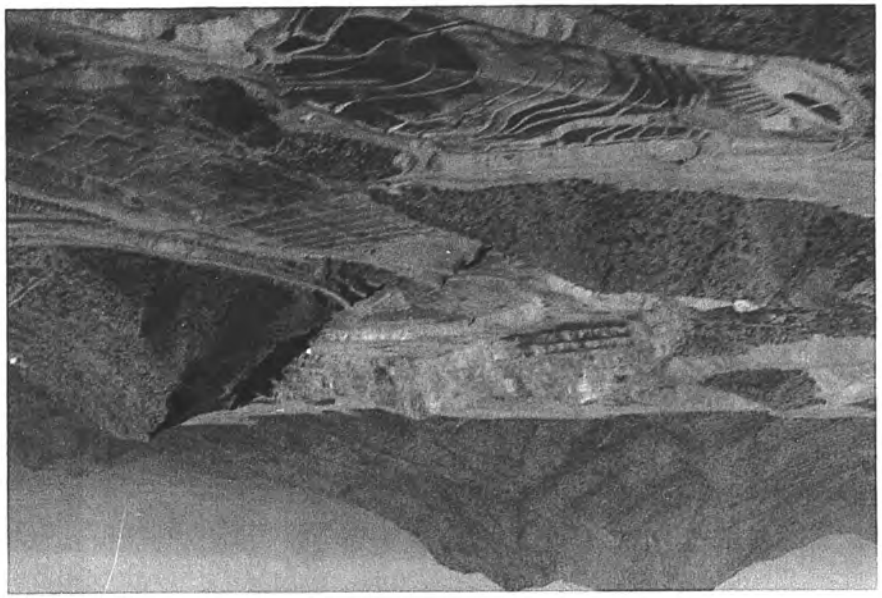
NOTICE IS HEREBY GIVEN that the Fortuna No. 17 lode mining claim was located by Robert M. Adams Company on Jan. 9, 1962. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East - West and is situated in the Silver Bell Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 1450 feet in a Easterly direction to the East center end monument or stake and 50 feet in a Westerly direction from the location 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 the claim, one on each side of and 300 feet from the center end monument or stakes, making the claim in the form of a parallelogram.

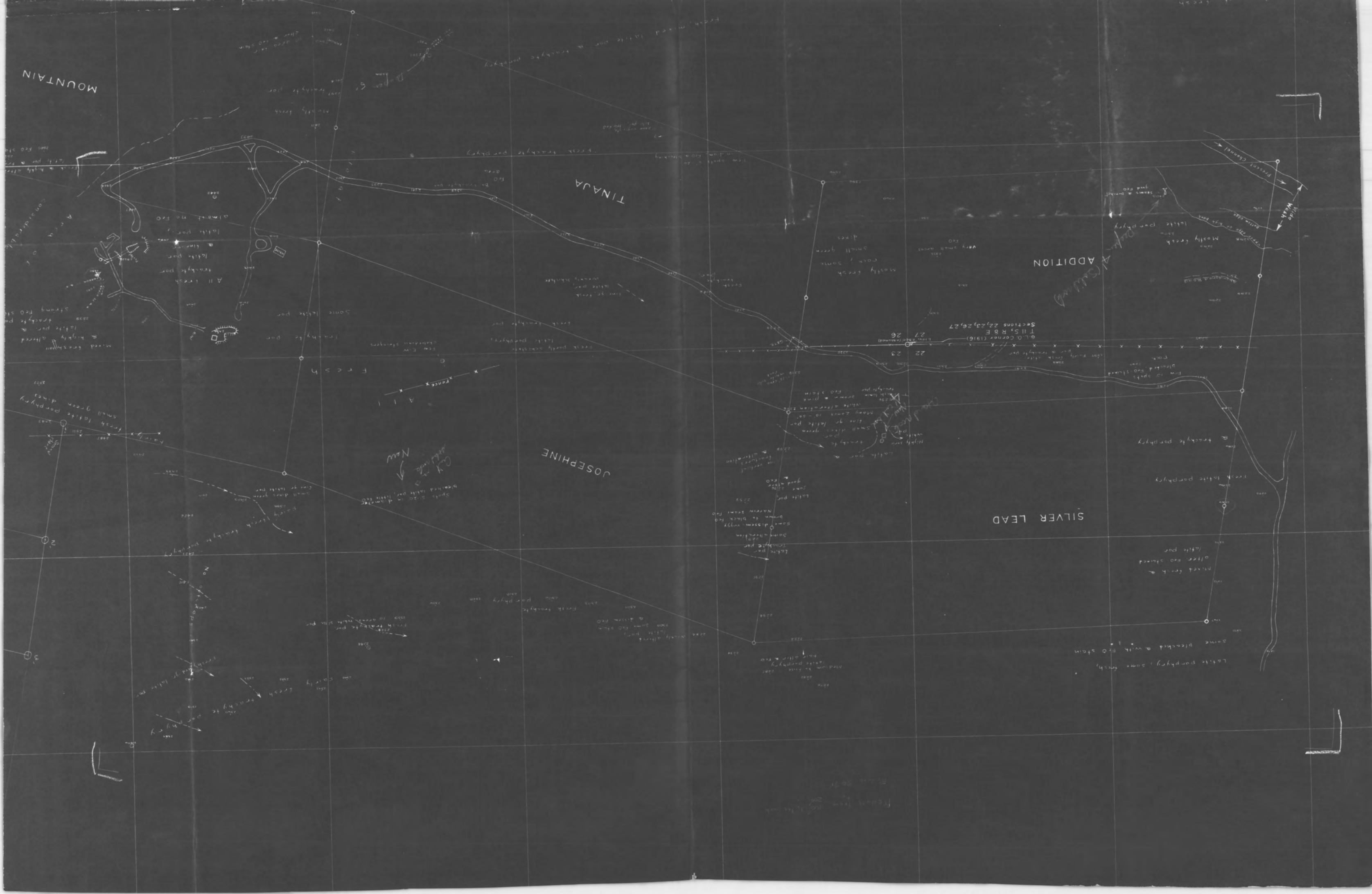
the Fortuna No. 17 location monument lies 2800 feet in a N 7° W direction from section corner 22/27 23/22, G&SRB&M, T11S, R8E.

Fortuna No. 15	Fortuna No. 17	
Fortuna No. 14	Fortuna No. 16	

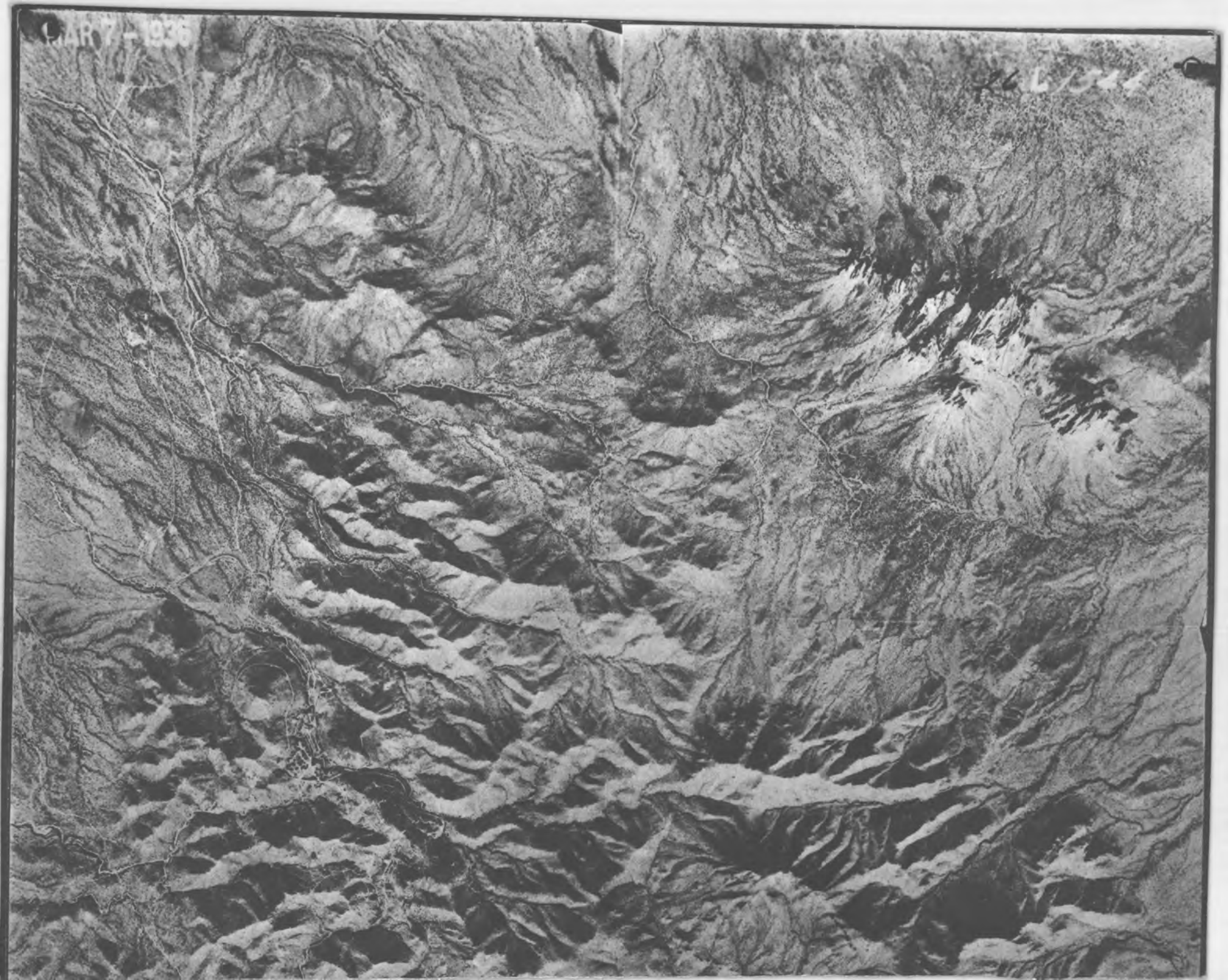
per Robert M. Adams Company
by Chas. L. Ludwig, Agent
Locator

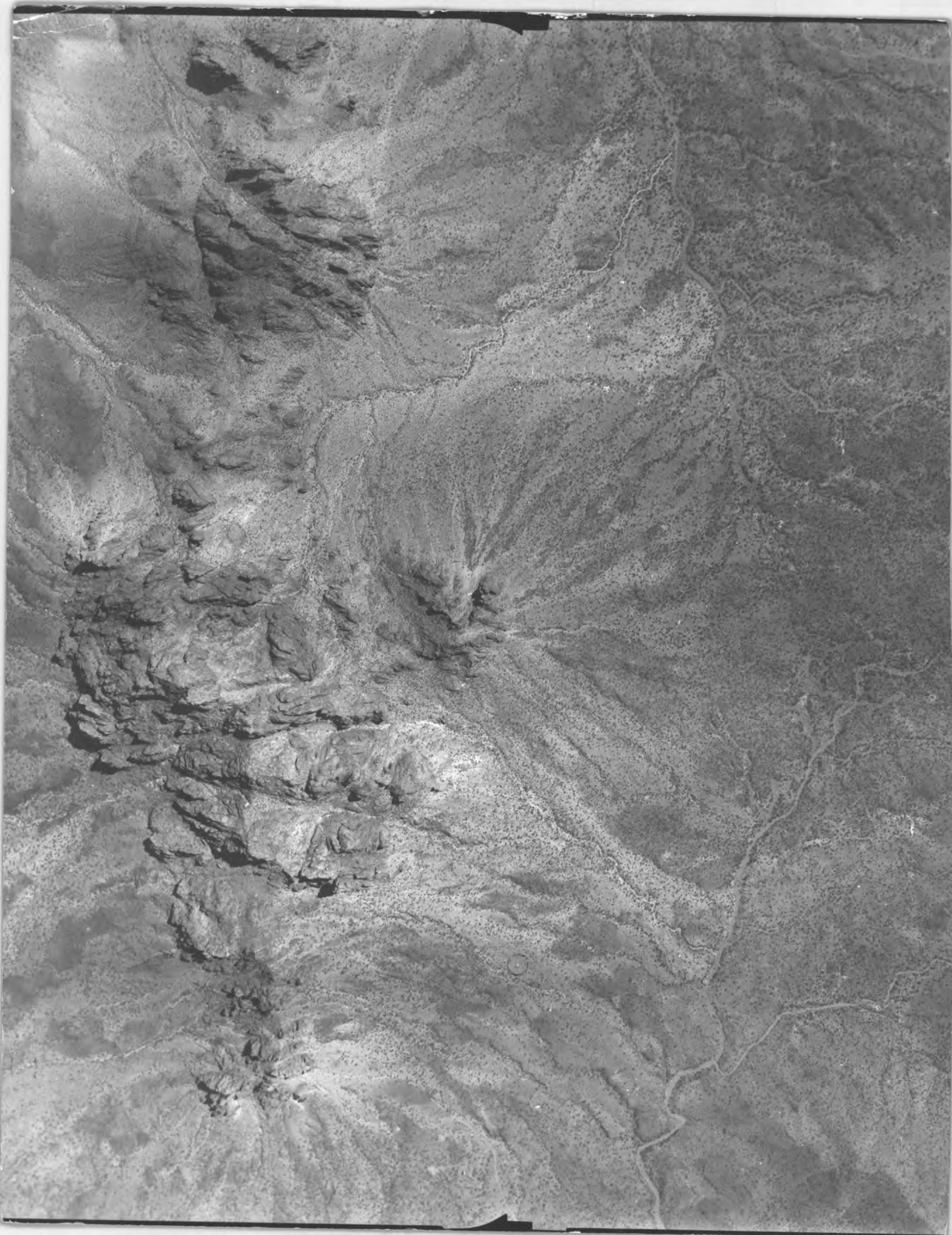
Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.




MOUNTAIN
TINAJA
ADDITION
JOSEPHINE
SILVER LEAD
Fresh
Fence
Wide Wash
Present Channel
G.L.O. Corner (1916)
T 11 S, R 8 E
Sections 22,23,26,27
22 23
27 26

L/544





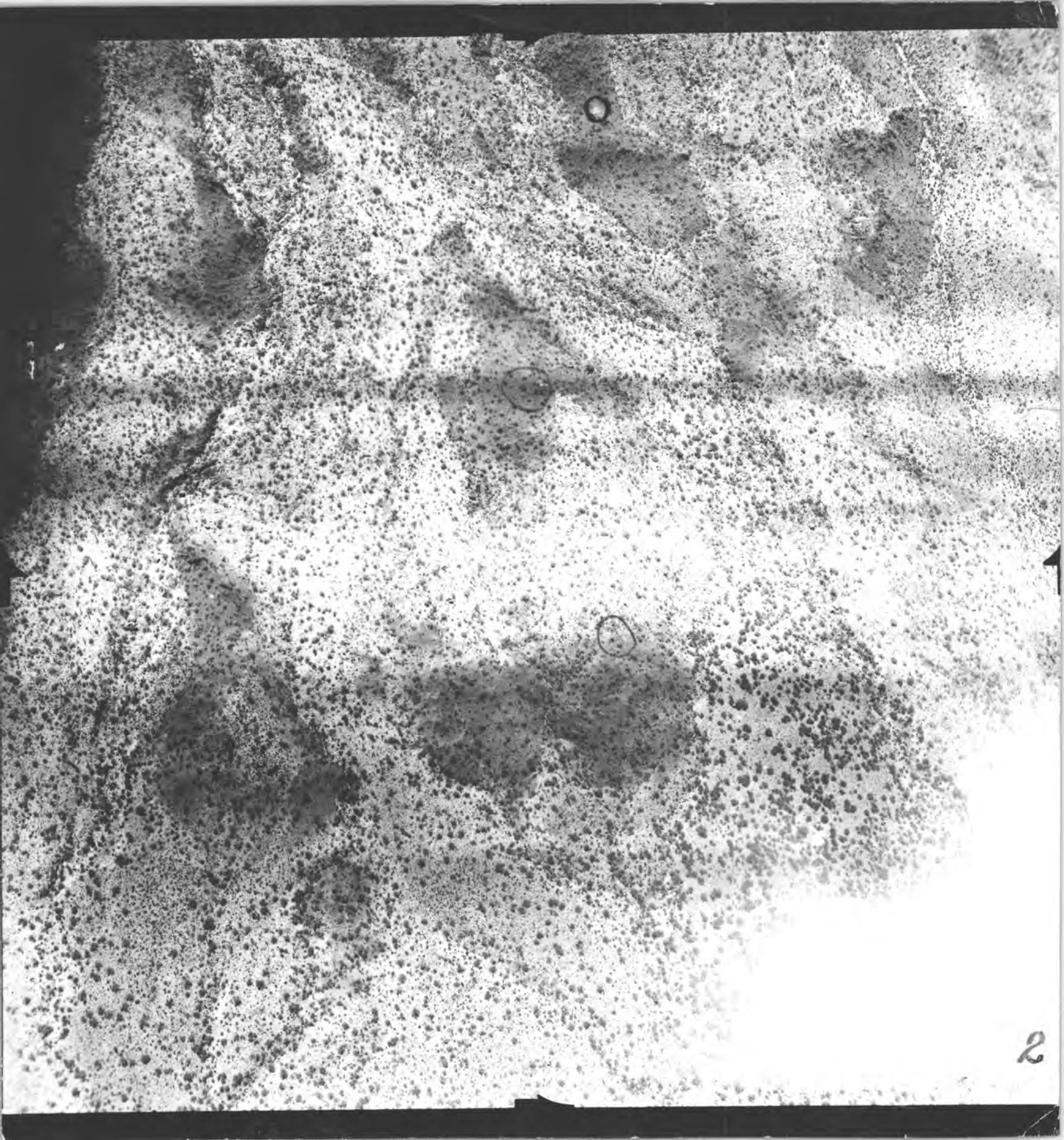
CONSOLIDATED
AERI[illegible] INC.
[illegible]
TUCSON, ARIZONA

4281

12 [illegible] 1956

522-2-2

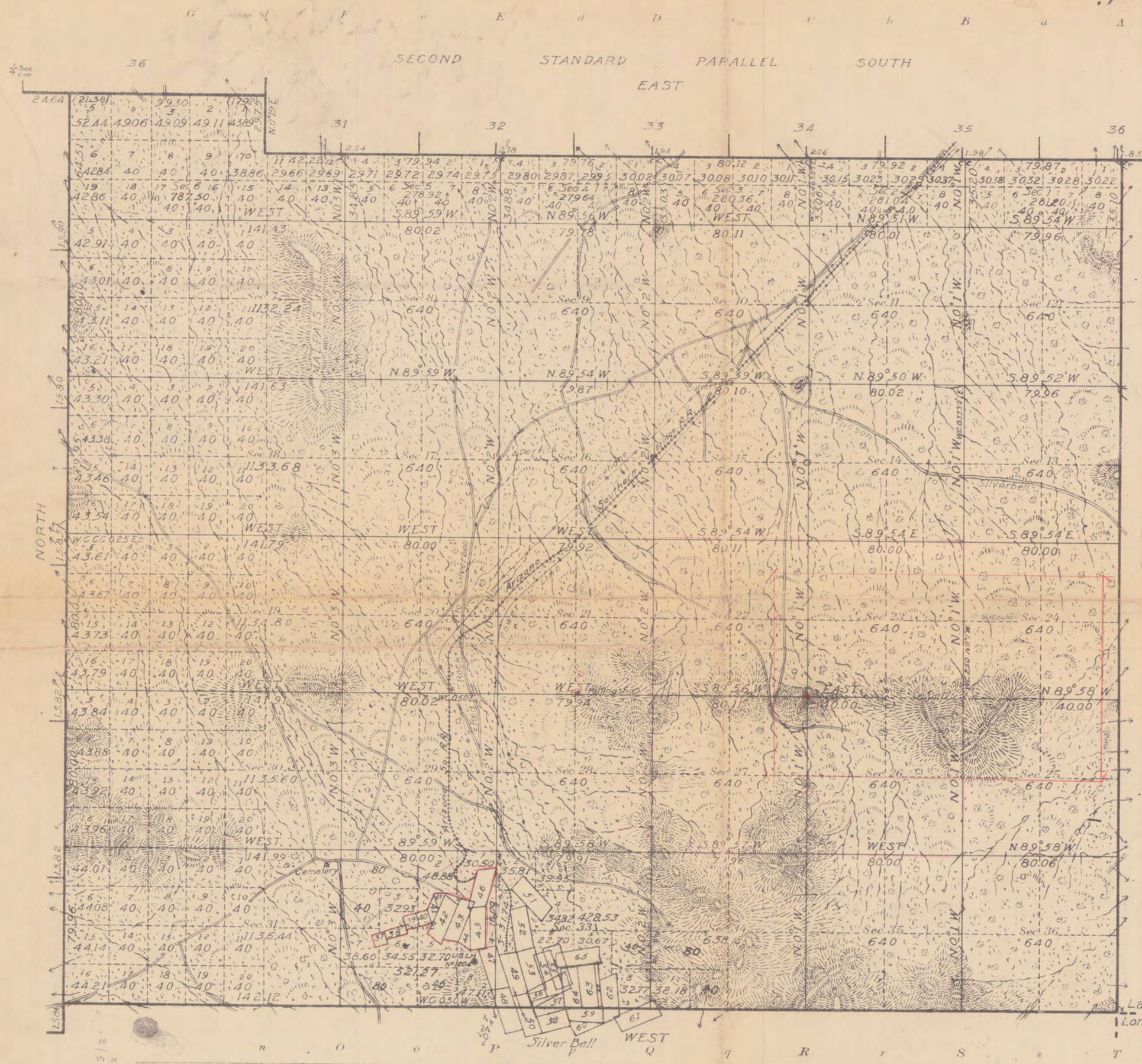
CONSOLIDATED
AERIAL SURVEYS INC
Photogrammetric Engineers
TUCSON — ARIZONA


2

Roughly 1 $a^2 = 1$ [illegible]

Survey accepted April 4, 1919 - G.L.O.

Township No. 11 South Range No. 8 East Gila & Salt River Meridian, Arizona



Name of Claim	Sur No.	Acres	Index
Metropolitan Mill Site	1205	4.99	37
Wear " "	"	4.63	38
Caledonia " "	"	5.00	39
Chicago " "	"	5.00	40
Scotch Jew " "	"	4.19	41
Scotch Jew Lode	"	18.71	42
Caledonia	"	17.21	43
Metropolitan	"	5.79	44
Wear	"	17.93	45
Bobby Burns	"	17.64	46
Uphill	1208	20.61	47
Peacock	"	8.63	48
Burtis	"	19.20	49
Daisy	"	5.20	50
Rex	2790	20.299	51
Northern Star	2794	20.562	52
Jesuit Mine	2795	17.45	53
Pope	1819	20.562	54
Prince of Wales	2433	2.96	55
Peerless	2436	4.73	56
Leslie	1990	7.68	57
Wilson	1208	(4.20)	58
Black Eagle	1929	2.17	59
Wedge	"	(6.68)	60
Red Ridge	1985	3.41	61
Billy	1929	13.50	62
John F.	"	20.58	63
Belle	1819	20.01	64
Ruby	2513	18.028	65
Strip	1987	3.155	66
Atlas Mill Site	1204	4.20	67

Areas in Acres	
Public Land	23529.40
Indian Reservation	
Indian Allotments	
Mineral Claims	332.02
Water Surface	
Total Area	23861.42

Surveys Designated	By Whom Surveyed	Group No.	Group Date	Amount of Surveys Mls. chs. lks	When Surveyed Begun	When Surveyed Completed
S. & W. Bdrs.	W. H. Thorn U.S.S. W. G. Shapcott U.S.S.	58	Oct. 8. 1916	Complete	Apr. 1 1916	Apr. 14 1916
Subdivisions	Thorn & Shapcott U.S.S.	"	" " "	"	" 12 "	" 21 "
East Bdry.	Wright & Elliott U.S.S.	30	May 28. 1913	"	Oct. 5. 1913	Oct. 13. 1913
2nd Std. Par. S. Resurv.	" " " "		" " "	S. of T. 10 S. R. 8 E.	" 13. "	" " "
" " " "	W. H. Thorn U.S.S. W. K. Kierulff U.S.T.	38	July 29. 1914	S of T. 10. S. R. 7 E.	Jan. 26. 1915	Jan. 26 1915

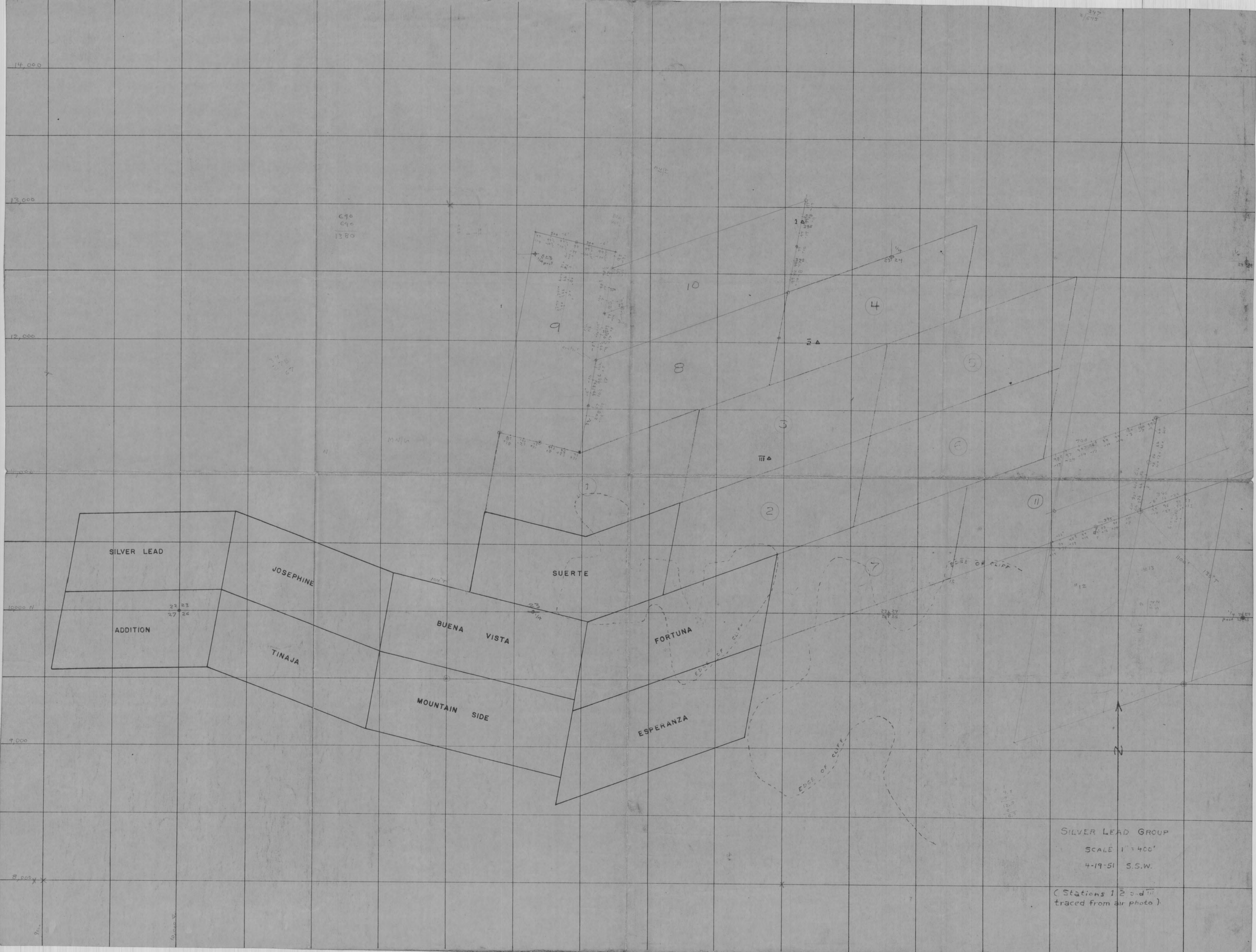
J.C.S.

The above map of Township No. 11 South Range No. 8 East of the Gila and Salt River Meridian Arizona is strictly conformable to the field notes of the survey thereof on file in this office, which have been examined and approved

U. S. Surveyor General's Office.

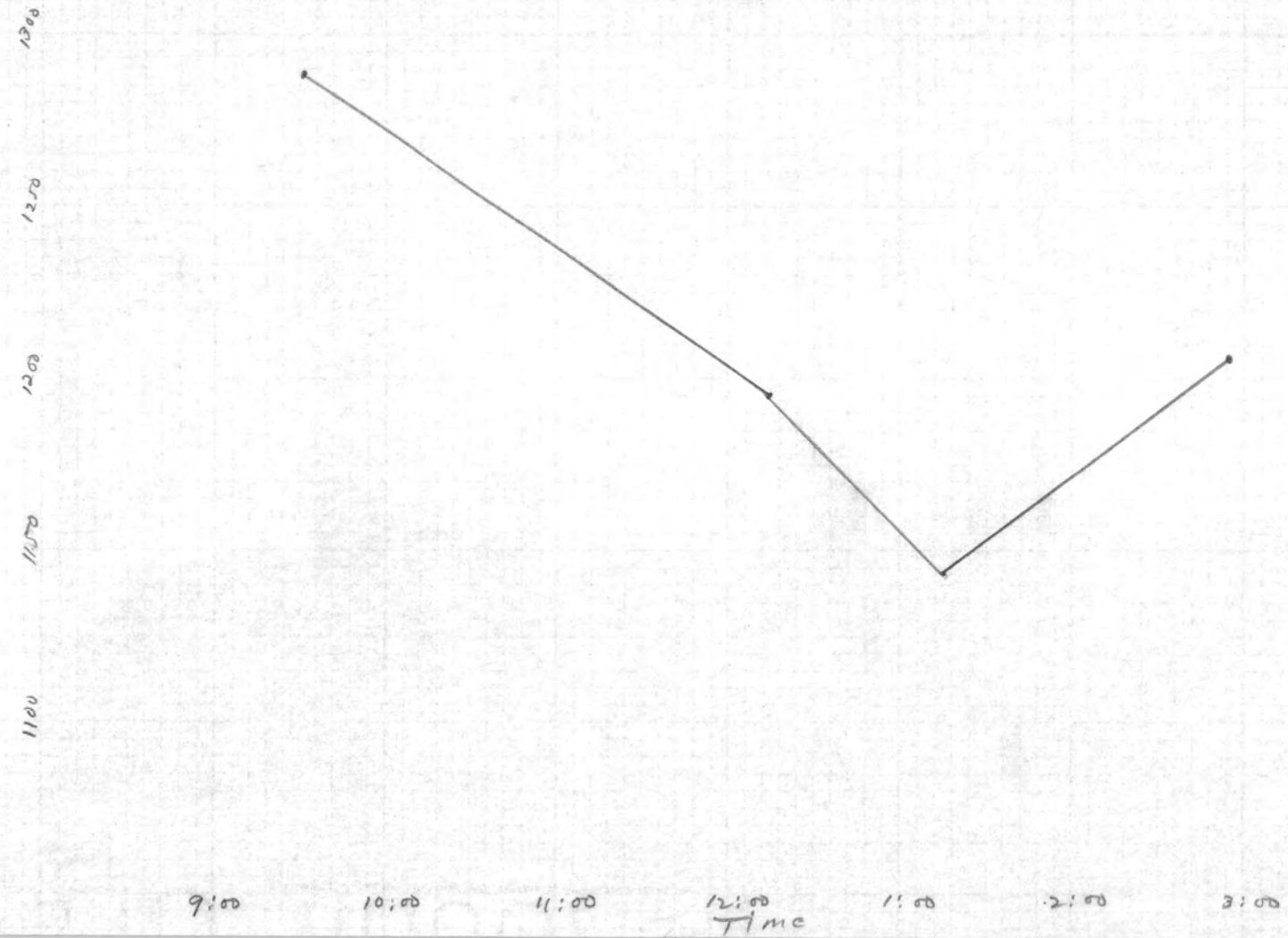
Phoenix, Arizona, May 25, 1918.

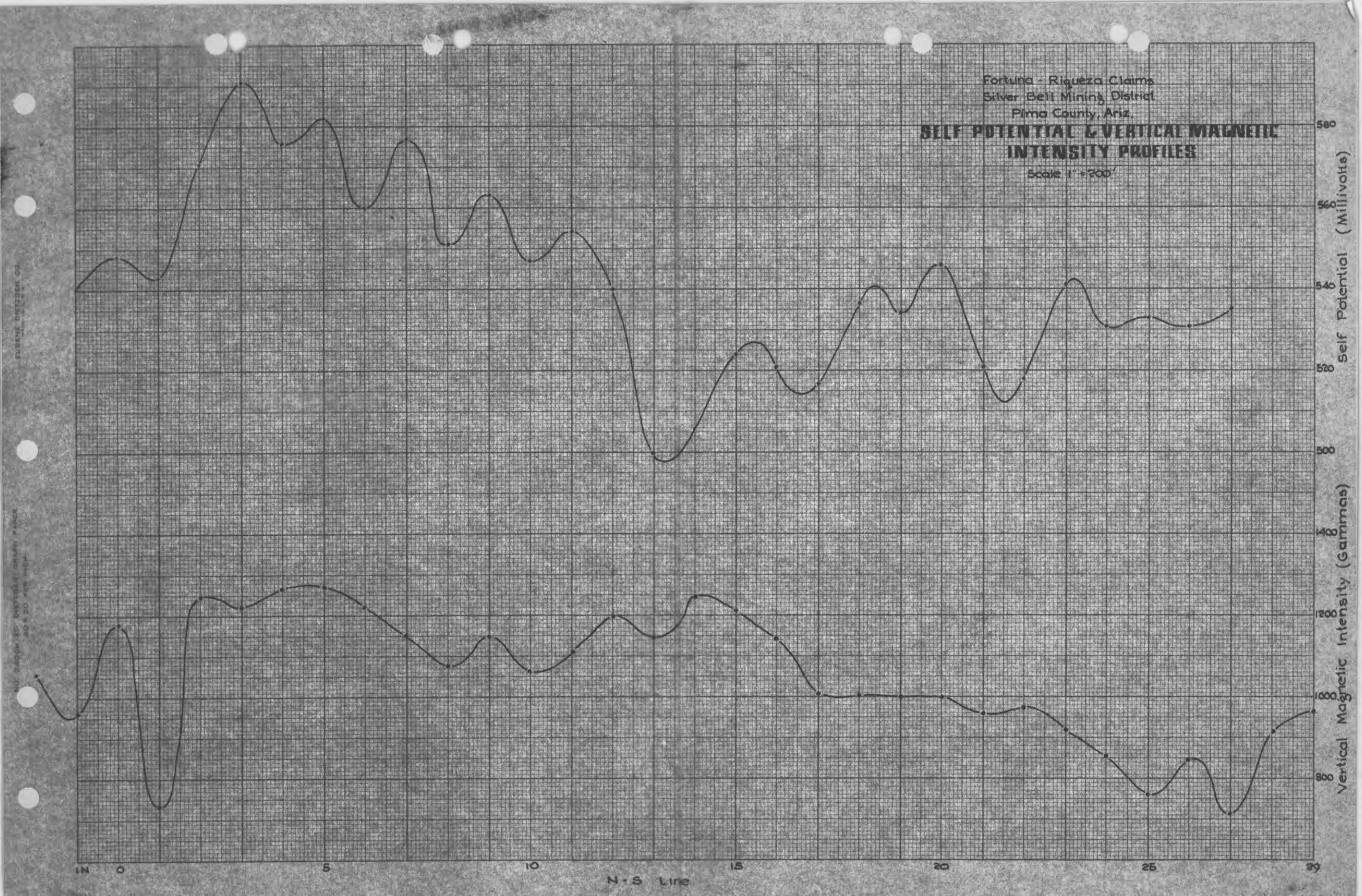
Frank P. Pratt
Surveyor General.

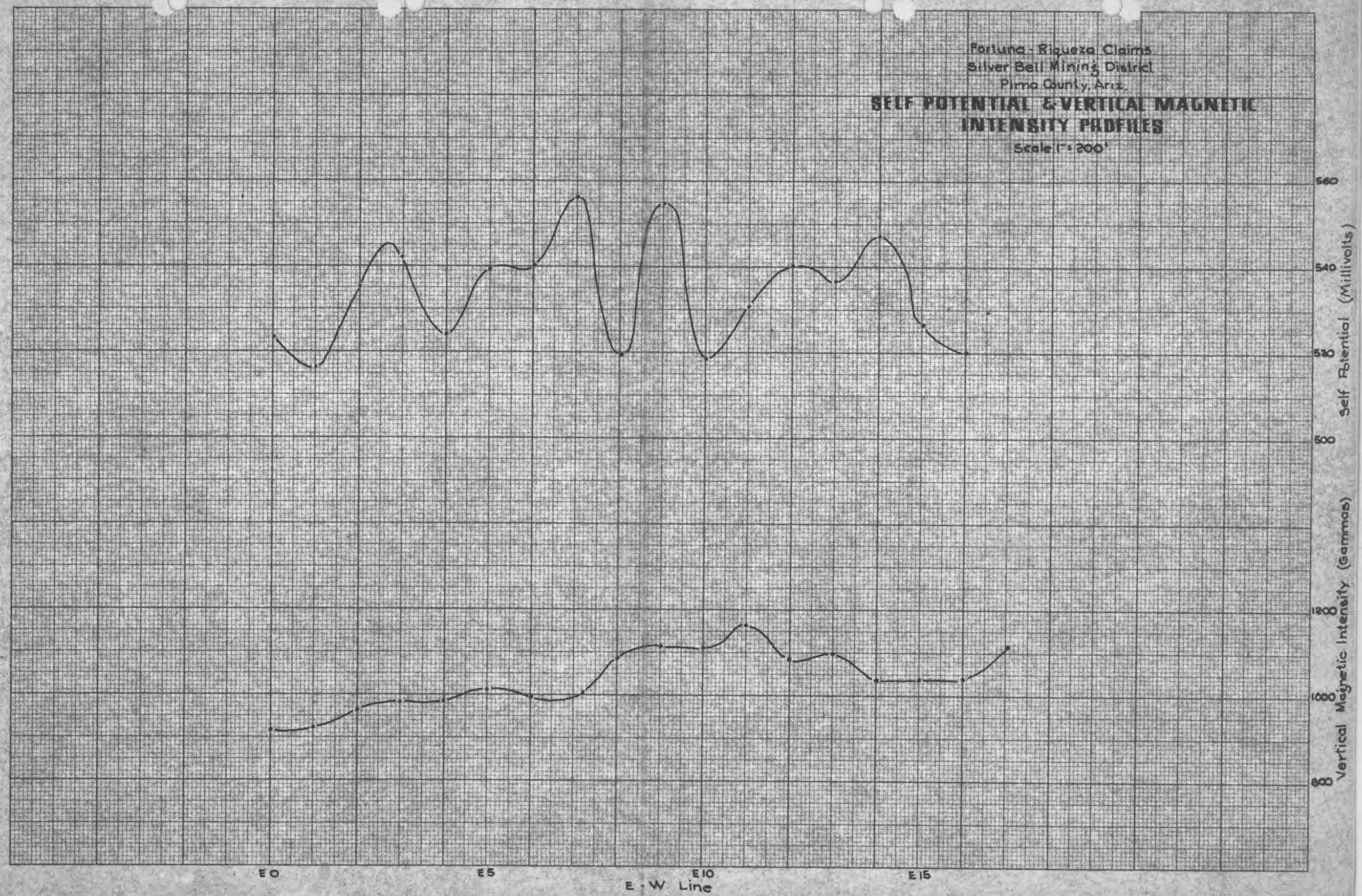

14,000
13,000
12,000
10000 N
9,000
8,000
SILVER LEAD
ADDITION
JOSEPHINE
TINAJA
BUENA VISTA
MOUNTAIN SIDE
SUERTE
FORTUNA
ESPERANZA
EDGE OF CLIFF
EDGE OF CLIFF
EDGE OF CLIFF
N
SILVER LEAD GROUP
SCALE 1" = 400'
4-19-51 S.S.W.
(Stations I II and III traced from air photo)

Diurnal Gr Drift Curve
Base station at E.E. CEN. Tinaja
Jalander # 5792

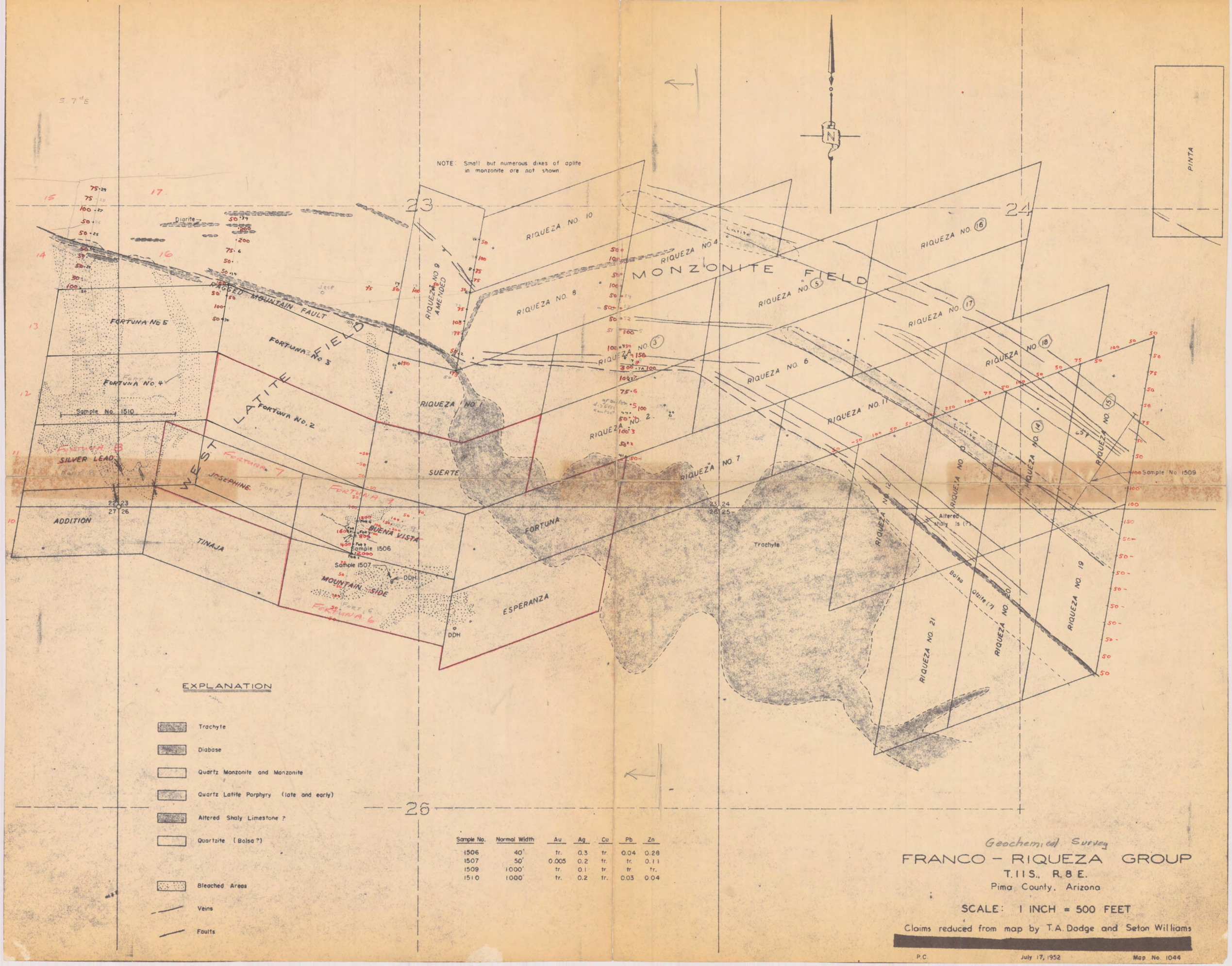
Adams-Fortuna
12-12-61




Fortuna - Riqueza Claims
Silver Bell Mining District
Pima County, Ariz.
SELF POTENTIAL & VERTICAL MAGNETIC INTENSITY PROFILES
Scale 1" = 200'
580
560
540
520
500
Self Potential (Millivolts)
1400
1200
1000
800
Vertical Magnetic Intensity (Gammas)
1N
0
5
10
15
20
25
29
N-S Line



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



Sample No.	Normal Width	Au	Ag	Cu	Pb	Zn
1506	40'	tr.	0.3	tr.	0.04	0.28
1507	50'	0.005	0.2	tr.	tr.	0.11
1509	1000'	tr.	0.1	tr.	tr.	tr.
1510	1000'	tr.	0.2	tr.	0.03	0.04

Geochemical Survey

FRANCO – RIQUEZA GROUP

T. 11 S., R. 8 E.

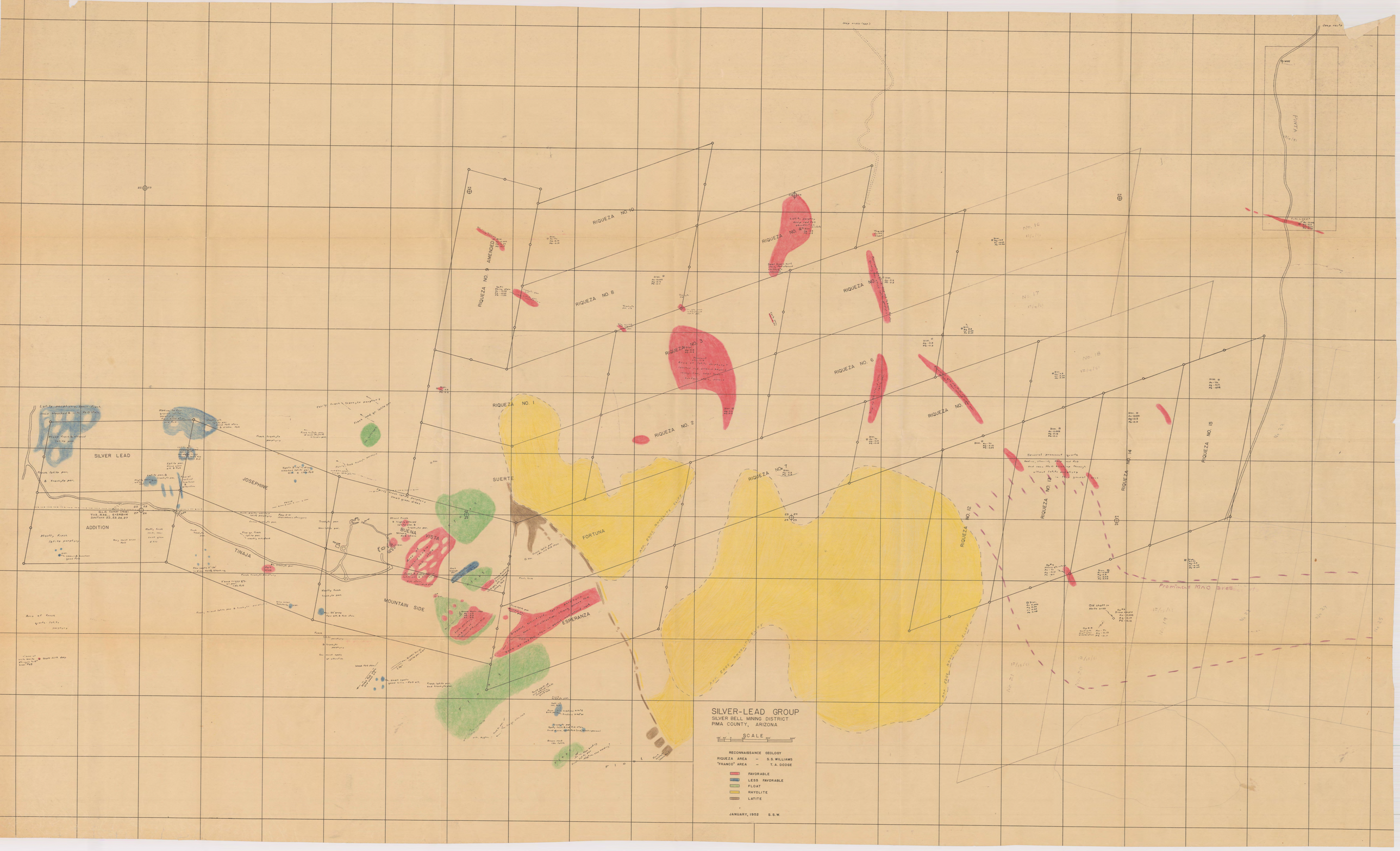
Pima County, Arizona

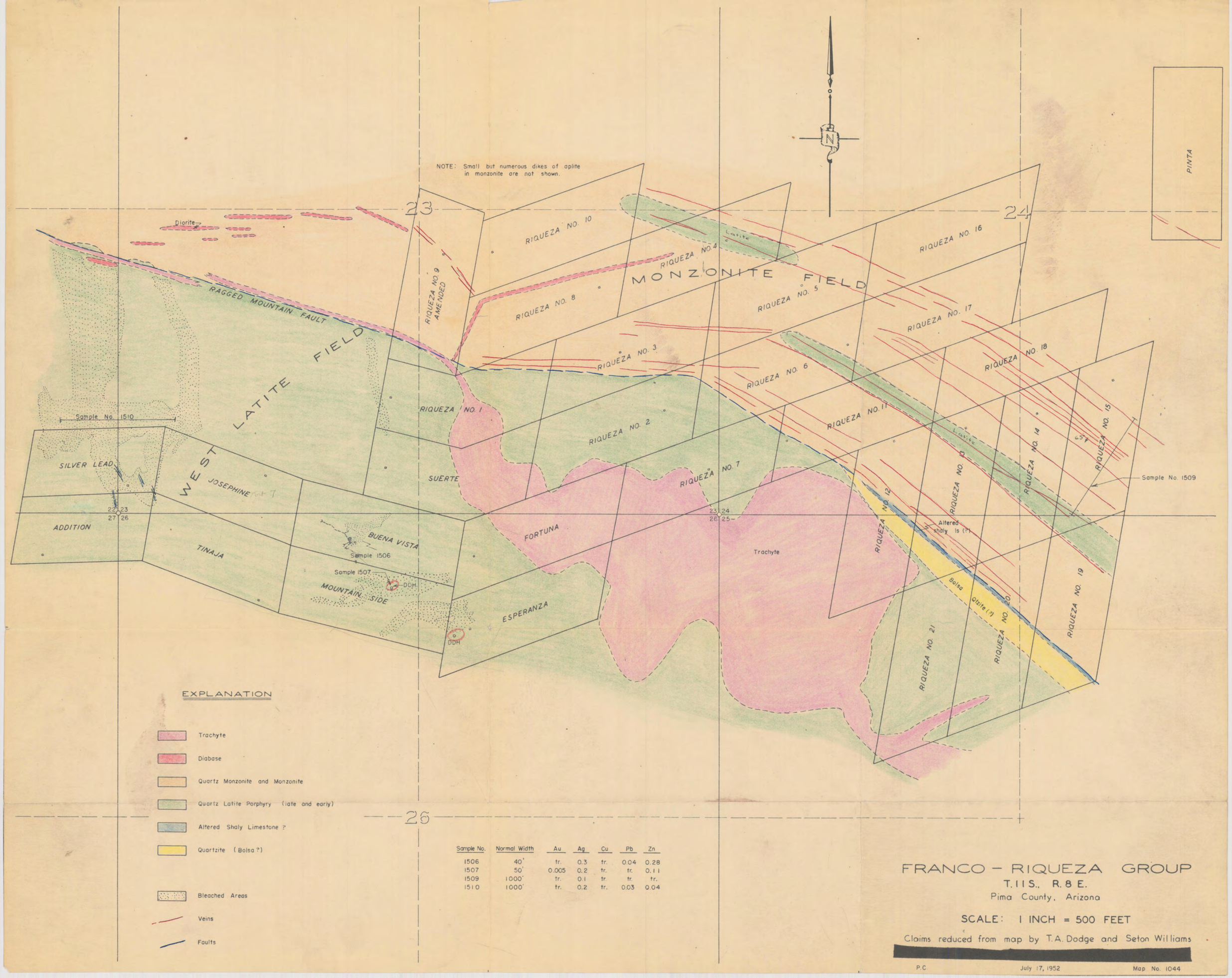
SCALE: 1 INCH = 500 FEET

Claims reduced from map by T.A. Dodge and Seton Williams

[redacted]

P.C. July 17, 1952 Map No. 1044


SILVER-LEAD GROUP
SILVER BELL MINING DISTRICT
PIMA COUNTY, ARIZONA
SCALE
RECONNAISSANCE GEOLOGY
RIQUEZA AREA – S.S. WILLIAMS
"FRANCO" AREA – T. A. DODGE
FAVORABLE
LESS FAVORABLE
FLOAT
RHYOLITE
LATITE
JANUARY, 1952 S.S.W.
RIQUEZA NO. 1
RIQUEZA NO. 2
RIQUEZA NO. 3
RIQUEZA NO. 4
RIQUEZA NO. 5
RIQUEZA NO. 6
RIQUEZA NO. 7
RIQUEZA NO. 8
RIQUEZA NO. 9 AMENDED
RIQUEZA NO. 10
RIQUEZA NO. 12
RIQUEZA NO. 13
RIQUEZA NO. 14
RIQUEZA NO. 15
SILVER LEAD
JOSEPHINE
ADDITION
TINAJA
BUENA VISTA
MOUNTAIN SIDE
SUERTE
FORTUNA
ESPERANZA
PINTA
Prominent MnO area



EXPLANATION

- Trachyte
- Diabase
- Quartz Monzonite and Monzonite
- Quartz Latite Porphyry (late and early)
- Altered Shaly Limestone ?
- Quartzite (Bolsa ?)
- Bleached Areas
- Veins
- Faults

Sample No.	Normal Width	Au	Ag	Cu	Pb	Zn
1506	40'	tr.	0.3	tr.	0.04	0.28
1507	50'	0.005	0.2	tr.	tr.	0.11
1509	1000'	tr.	0.1	tr.	tr.	tr.
1510	1000'	tr.	0.2	tr.	0.03	0.04

FRANCO – RIQUEZA GROUP

T. 11 S., R. 8 E.

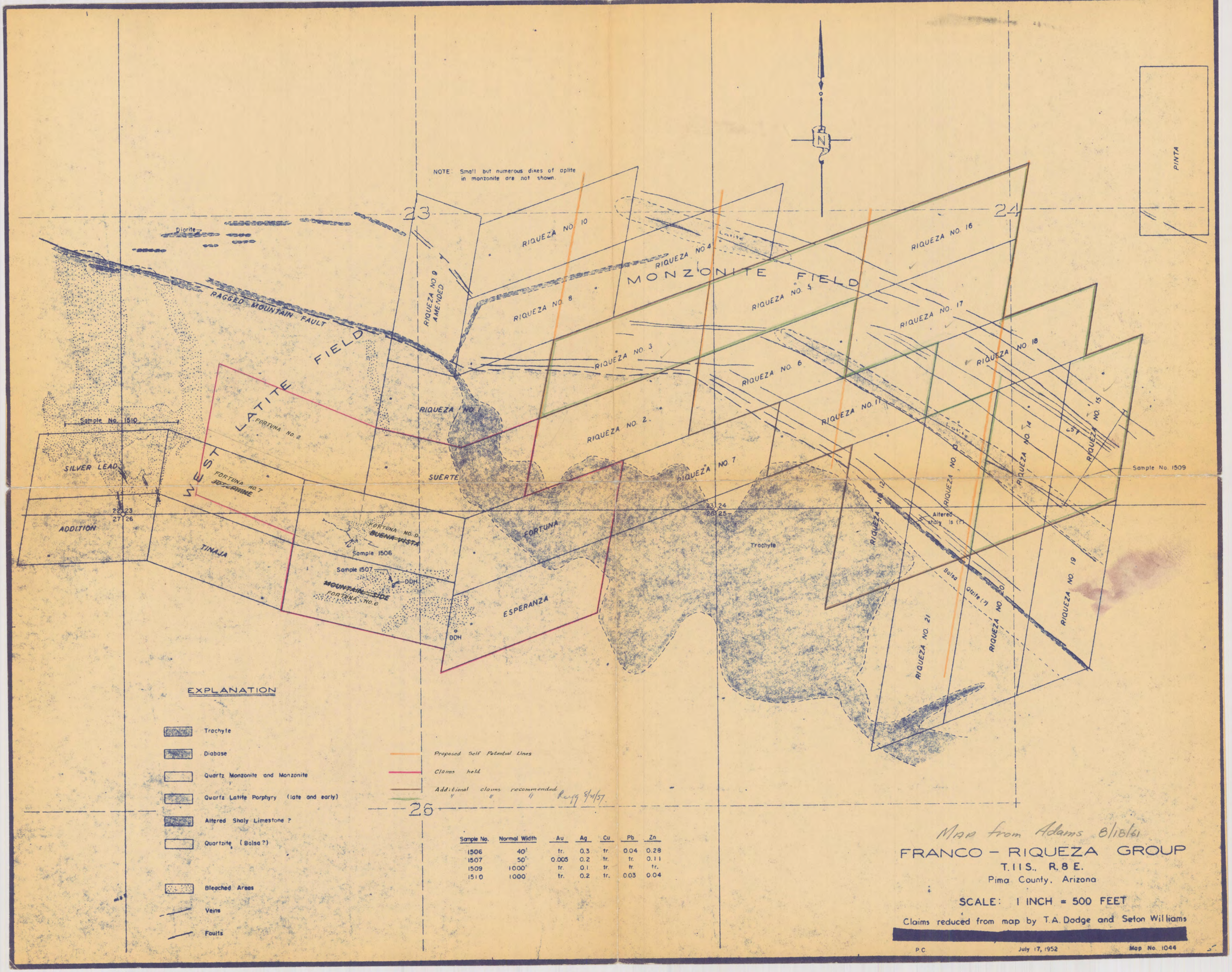
Pima County, Arizona

SCALE: 1 INCH = 500 FEET

Claims reduced from map by T.A. Dodge and Seton Williams

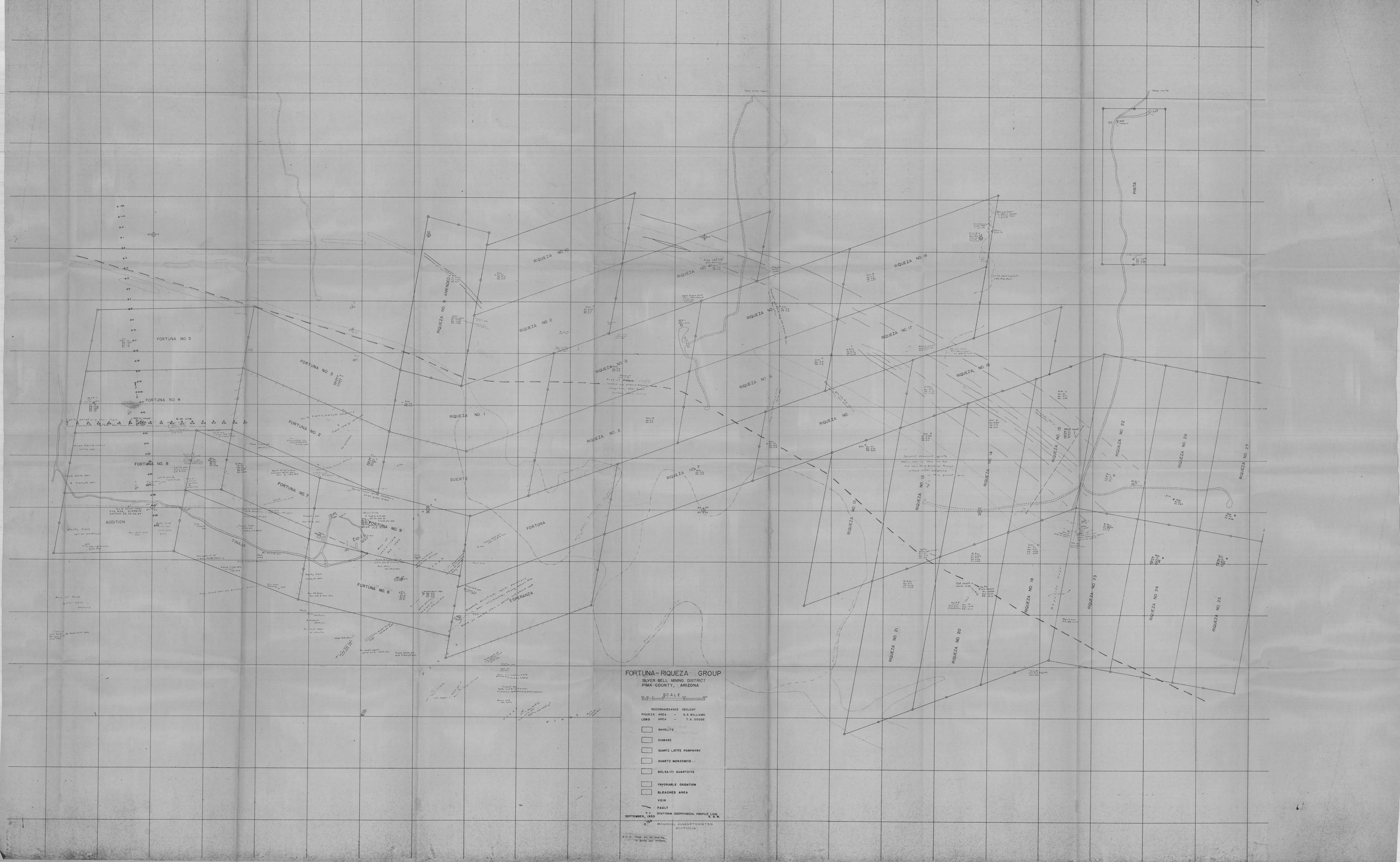
[redacted]

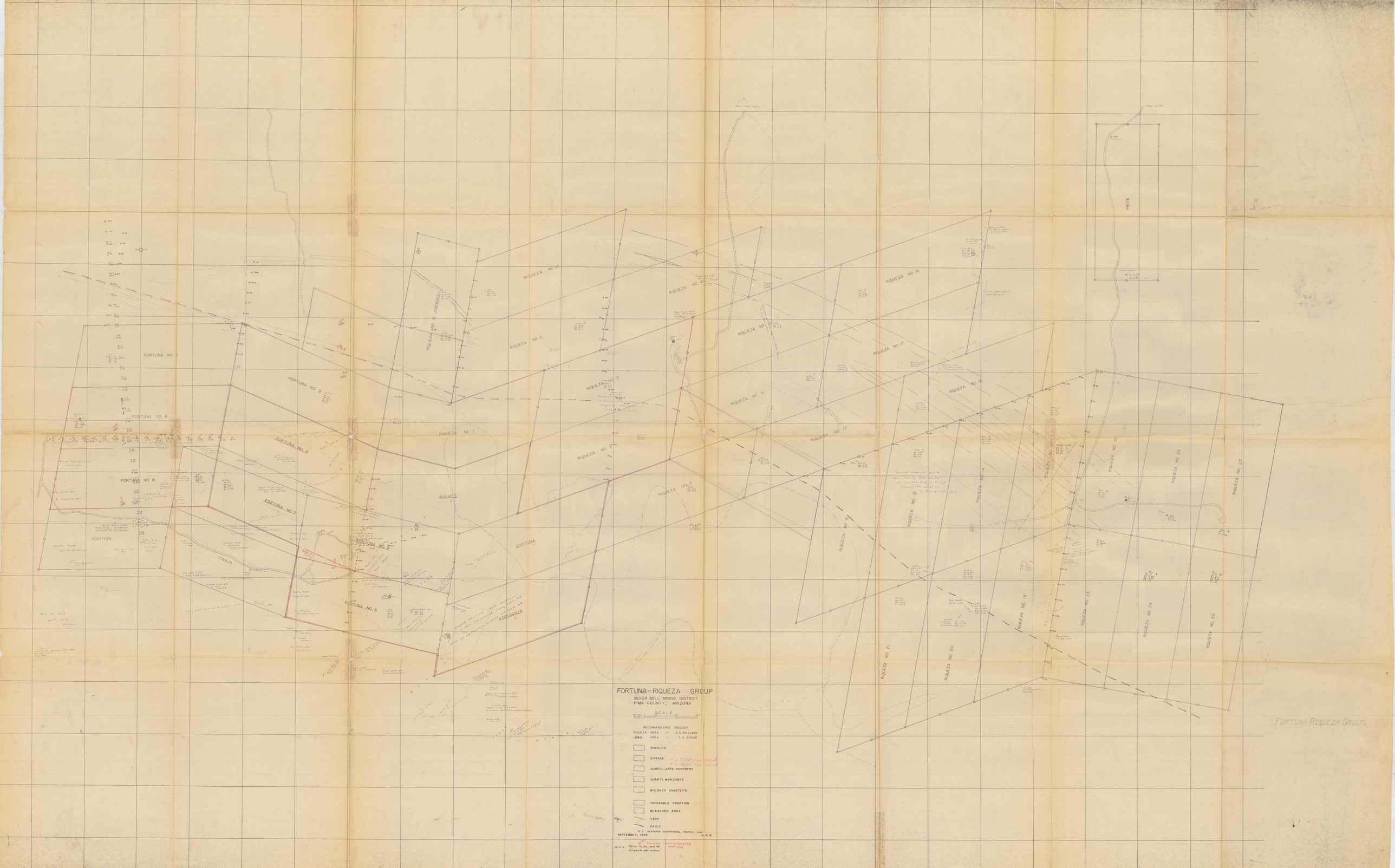
P.C. July 17, 1952 Map No. 1044



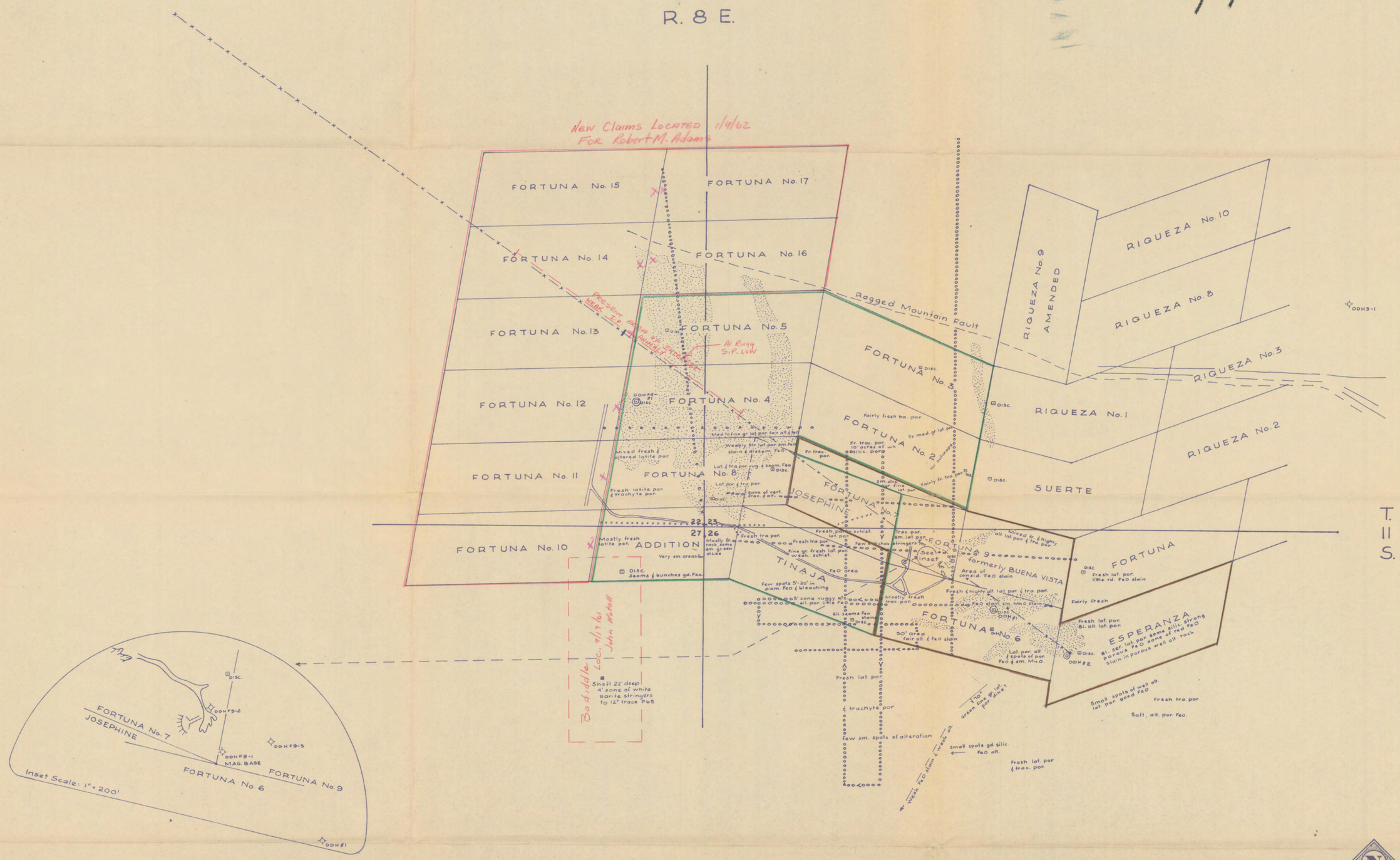
Sample No.	Normal Width	Au	Ag	Cu	Pb	Zn
1506	40'	tr.	0.3	tr.	0.04	0.28
1507	50'	0.005	0.2	tr.	tr.	0.11
1509	1000'	tr.	0.1	tr.	tr.	tr.
1510	1000'	tr.	0.2	tr.	0.03	0.04

Fortune Claims


FORTUNA-RIQUEZA GROUP
SILVER BELL MINING DISTRICT
PIMA COUNTY, ARIZONA
SCALE
RECONNAISSANCE GEOLOGY
RIQUEZA AREA – S.S. WILLIAMS
LOBO AREA – T.A. DODGE
RHYOLITE
DIABASE
QUARTZ LATITE PORPHYRY
QUARTZ MONZONITE
BOLSA (?) QUARTZITE
FAVORABLE OXIDATION
BLEACHED AREA
VEIN
FAULT
SEPTEMBER, 1953
STATIONS GEOPHYSICAL PROFILE LINE
RANDOM MAGNETOMETER STATIONS
FORTUNA NO. 5
FORTUNA NO. 4
FORTUNA NO. 8
FORTUNA NO. 3
FORTUNA NO. 2
FORTUNA NO. 7
FORTUNA NO. 9
FORTUNA NO. 6
ADDITION
TINAJA
SUERTE
FORTUNA
ESPERANZA
RIQUEZA NO. 1
RIQUEZA NO. 2
RIQUEZA NO. 3
RIQUEZA NO. 6
RIQUEZA NO. 7
RIQUEZA NO. 8
RIQUEZA NO. 9 AMENDED
RIQUEZA NO. 10
RIQUEZA NO. 13
RIQUEZA NO. 14
RIQUEZA NO. 15
RIQUEZA NO. 16
RIQUEZA NO. 17
RIQUEZA NO. 18
RIQUEZA NO. 19
RIQUEZA NO. 20
RIQUEZA NO. 21
RIQUEZA NO. 22
RIQUEZA NO. 23
RIQUEZA NO. 24
RIQUEZA NO. 25
RIQUEZA NO. 26
RIQUEZA NO. 27
PINTA


FORTUNA-RIQUEZA GROUP
SILVER BELL MINING DISTRICT
PIMA COUNTY, ARIZONA
SCALE
RECONNAISSANCE GEOLOGY
RIQUEZA AREA - S.S. WILLIAMS
LOBO AREA - T. A. DODGE
RHYOLITE
DIABASE
QUARTZ LATITE PORPHYRY
QUARTZ MONZONITE
BOLSA (?) QUARTZITE
FAVORABLE OXIDATION
BLEACHED AREA
VEIN
FAULT
SEPTEMBER, 1953
S. S. W.
RANDOM MAGNETOMETER STATIONS
FORTUNA NO. 1
FORTUNA NO. 2
FORTUNA NO. 3
FORTUNA NO. 4
FORTUNA NO. 5
FORTUNA NO. 6
FORTUNA NO. 7
FORTUNA NO. 8
FORTUNA NO. 9
FORTUNA NO. 10
RIQUEZA NO. 1
RIQUEZA NO. 2
RIQUEZA NO. 3
RIQUEZA NO. 4
RIQUEZA NO. 5
RIQUEZA NO. 6
RIQUEZA NO. 7
RIQUEZA NO. 8
RIQUEZA NO. 9 AMENDED
RIQUEZA NO. 10
RIQUEZA NO. 11
RIQUEZA NO. 12
RIQUEZA NO. 13
RIQUEZA NO. 14
RIQUEZA NO. 16
RIQUEZA NO. 17
RIQUEZA NO. 18
RIQUEZA NO. 19
RIQUEZA NO. 20
RIQUEZA NO. 21
RIQUEZA NO. 22
RIQUEZA NO. 23
RIQUEZA NO. 24
RIQUEZA NO. 25
RIQUEZA NO. 26
RIQUEZA NO. 27
PINTA
SUERTE
FORTUNA
ESPERANZA
TINAJA
ADDITION
FORTUNA-RIQUEZA GROUP

up to Date
3/8/62



EXPLANATION

- Bleached area (from S. Williams map of 1952)
- Fault (from S.W. map 1952)
- All geologic notes from S.W. map 1952 unless noted otherwise
- Fence lines
- Magnetometer lines
- I. P lines
- Road
- Section corner

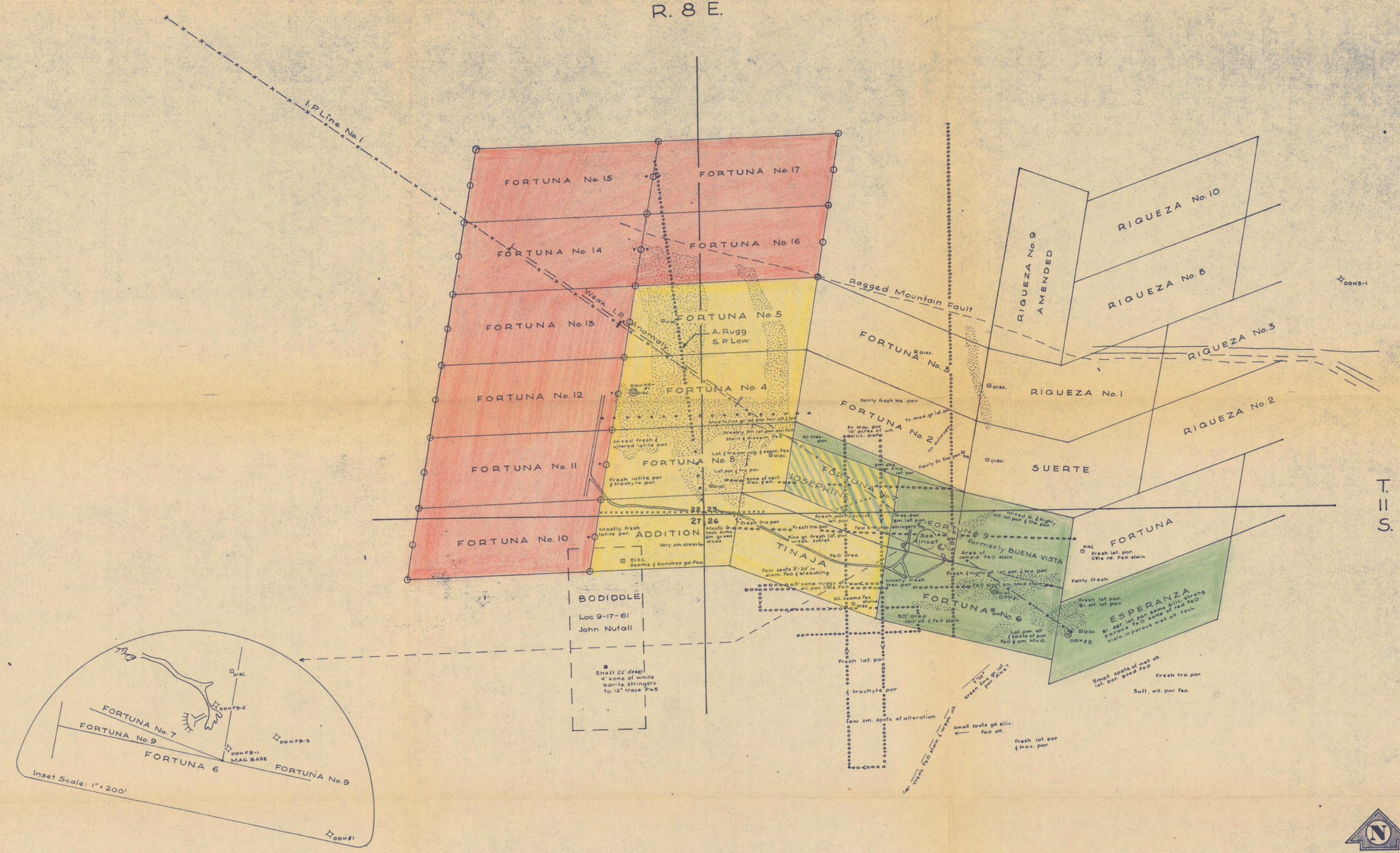
Note: East Half of I.P line No. 1 was also run on 50' station interval with a magnetometer.

O^{E}/w located at approx. 100' S 75° W from the W. end center of FORTUNA No. 5 at a rock cairn. Bearing approx. S 55° E & N 55° W from O^{E}/w.

HEINRICHS GEOEXPLORATION COMPANY
P.O. Box 5671 Tucson, Arizona

FORTUNA CLAIM GROUP
FOR
ROBERT M. ADAMS CO.

SCALE: 1" = 500'	CONTOUR INTERVAL:	REVISIONS
	DATA BY:	from S.W. Map July 1952
DATE: Jan. 1962	SHEET OF	
DRAWN BY: I.B.	DRAWING NO.: 1	FILE:



EXPLANATION

- Bleached area (from S. Williams map of 1952)
- Fault (from S.W. map 1952)
- All geologic notes from S.W. map 1952 unless noted otherwise
- Fence lines
- Magnetometer lines
- I. P lines
- Road
- Section corner
- New claims no assessment required for the year 1961-1962 (located 1-9-62)
- Claims to be held in the assessment year 1961-1962 by geophysics
- Assessment work done 2 preceding years by geophysics — 1961-1962 by rock removed in two cuts

Note: East Half of I.P. line No. 1 was also run on 50' station interval with a magnetometer.

O E/W located at approx. 100' S 75° W from the W. end center of FORTUNA No. 5 at a rock cairn. Bearing approx. S 55° E & N 55° W from O E/W.

HEINRICHS GEOEXPLORATION COMPANY
P.O. Box 5671 Tucson, Arizona

FORTUNA CLAIM GROUP
FOR
ROBERT M. ADAMS CO.

T11S - R18E
PIMA COUNTY, ARIZONA

SCALE: 1" = 500'	CONTOUR INTERVAL:	REVISIONS
	DATA BY:	from S.W. Map July 1952
DATE: Jan. 1962	SHEET OF	Sept. 1962
DRAWN BY: I.B.	DRAWING NO.: 1	FILE:

ORIGINAL COPR. 1910 BY J. C. PARKER

TR. MK. REG. U.S. PAT. OFF.

~~B.S. F.S. Hor & Vert Stadia~~
Stadia Cor. Dist.

FORTUNA CLAIM GROUP.

4-2-62

Tran. NUTTYcombe
Rod. Reeves
Back Marlatt

Transit - Stadia Survey

N 8½° E

LEFAX, PHILADELPHIA 7, PA., MADE IN U.S.A.

Total Dist.	Info.
135	
300	
895	
600	
1200	
176	
300	
356	
600	
600	
900	
900	
1200	
1200	
149	
394	

TR. MK. REG. U.S. PAT. OFF.
ORIGINAL COPR. 1910 J. C. PARKER
LEFAX, PHILADELPHIA 7, PA., MADE IN U.S.A.

ORIGINAL COPR. 1910 TO J. C. PARKER

TR. MK. REG. U.S. PAT. OFF.

Informal

637 Distance of ⊼

Electrode pit # 1

1547

125' south com corner NW 14 SW15

1500

200' Noth E of common corne 13 - 14

267N

232 S S

300

60' E of claim line

600

865

900

865

1165

1200

1200

300

> 232

460

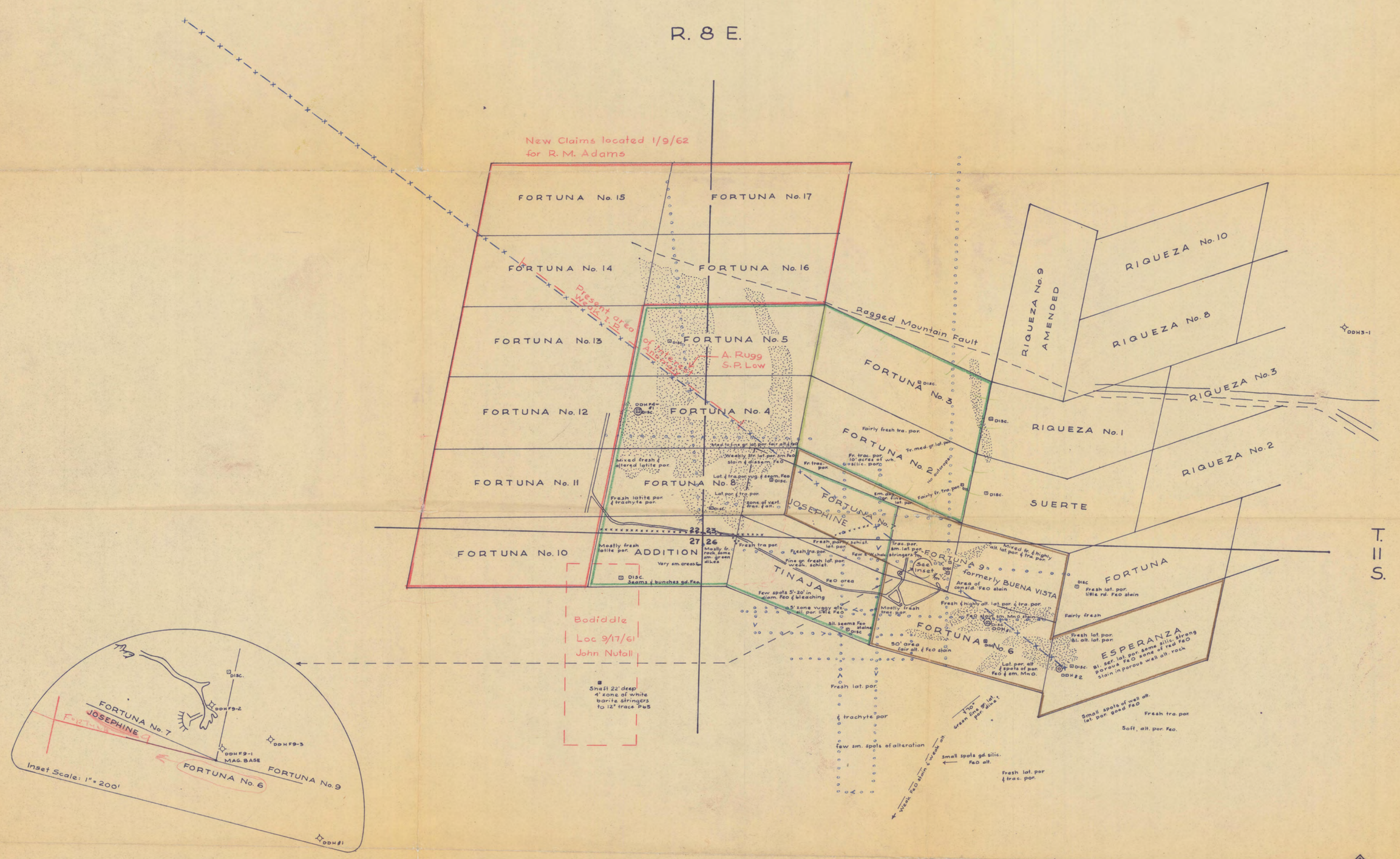
LEFAX, PHILADELPHIA 7, PA., MADE IN U.S.A.

ORIGINAL COPR. 1910 BY J. C. PARKER

TR. MK. REG. U.S. PAT. OFF.

Tot Dis	Π Dis	Length
600	460	
667	667	
900	667	
1200	667	
1305	1305	
1199	1305	
1500	1305	
1800	1305	
1965	1305	
2100	1305	
2281	2281	
2400	2281	

LEFAX, PHILADELPHIA 7, PA., MADE IN U.S.A.



EXPLANATION

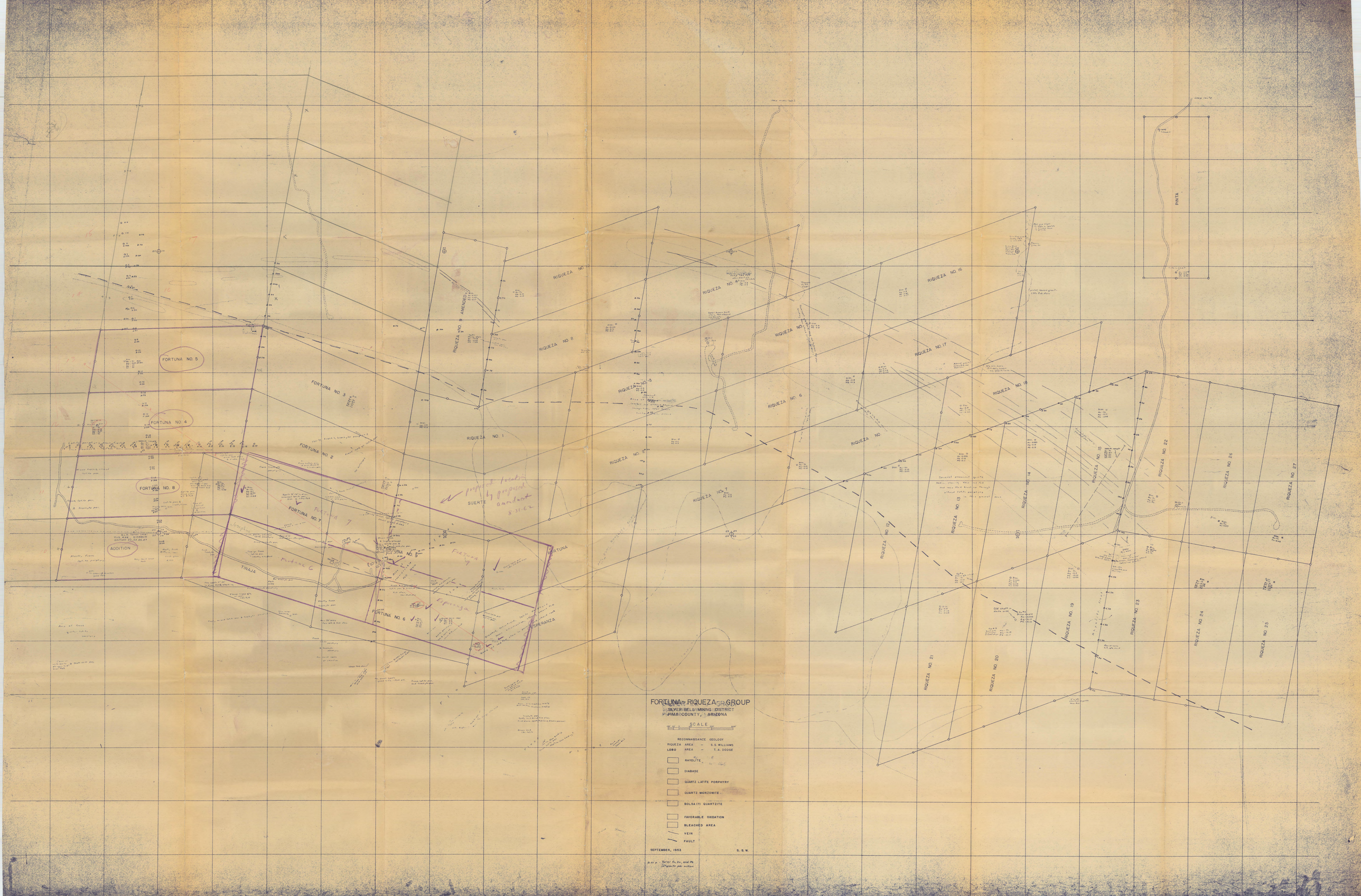
- Bleached area (from S. Williams map of 1952)
- Fault (from S.W. map 1952)
- All geologic notes from S.W. map 1952 unless noted otherwise
- Fence lines
- Magnetometer lines
- I. R lines
- Road
- Section corner
- New claims located 1/9/62 - 1st of assessment yr. 1962-1963, no assessment required for the year 1961-1962.
- Claims to be held in the assessment year 1961-1962 by geophysics.
- Assessment work done 2 previous years by geophysics.

HEINRICHS GEOEXPLORATION COMPANY
P.O. Box 5671 Tucson, Arizona

FORTUNA CLAIM GROUP
FOR
ROBERT M. ADAMS CO.

T11S - R8E
Pima County, Arizona

SCALE: 1" = 500'	CONTOUR INTERVAL:	REVISIONS
	DATA BY:	from S.W. Map July 1952
DATE: Jan. 1962	SHEET OF	
DRAWN BY: I.B.	DRAWING NO.: 1	FILE:


FORTUNA NO. 5
FORTUNA NO. 4
FORTUNA NO. 3
FORTUNA NO. 2
FORTUNA NO. 8
FORTUNA NO. 7
FORTUNA NO. 9
FORTUNA NO. 6
FORTUNA
ESPERANZA
TINAJA
SUERTE
ADDITION
RIQUEZA NO. 9 AMENDED
RIQUEZA NO. 12
RIQUEZA NO. 8
RIQUEZA NO. 1
RIQUEZA NO. 4
RIQUEZA NO. 3
RIQUEZA NO. 6
RIQUEZA NO. 7
RIQUEZA NO. 16
RIQUEZA NO. 17
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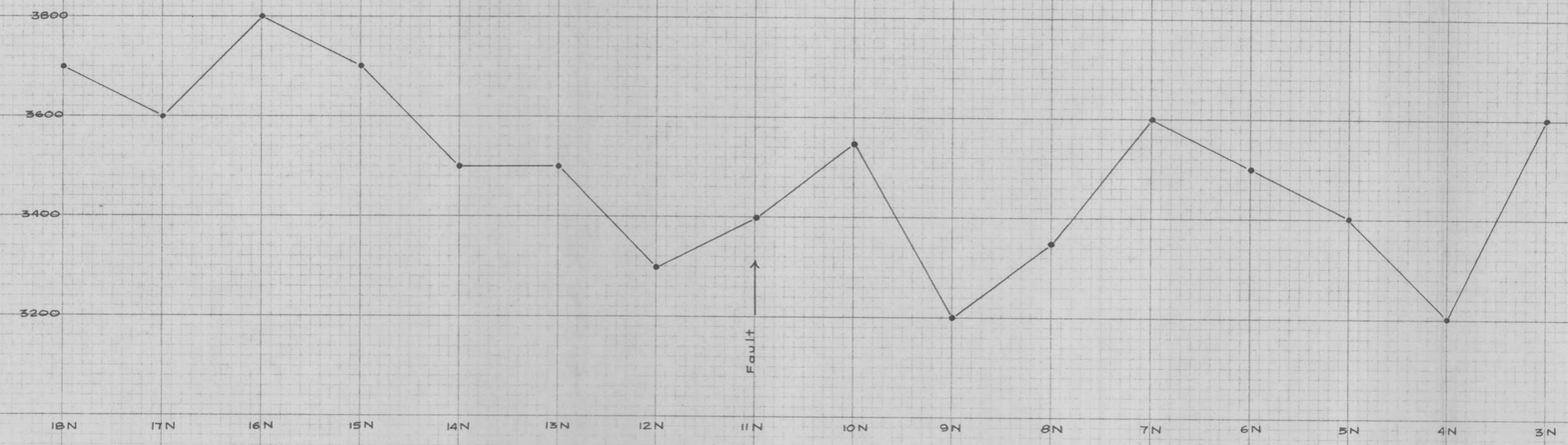
RIQUEZA NO. 20
RIQUEZA NO. 21
RIQUEZA NO. 22
RIQUEZA NO. 23
RIQUEZA NO. 24
RIQUEZA NO. 25
RIQUEZA NO. 26
RIQUEZA NO. 27
PINTA
FORTUNA - RIQUEZA GROUP
SILVER BELL MINING DISTRICT
PIMA COUNTY, ARIZONA
SCALE
RECONNAISSANCE GEOLOGY
RIQUEZA AREA — S.S. WILLIAMS
LOBO AREA — T. A. DODGE
RHYOLITE
DIABASE
QUARTZ LATITE PORPHYRY
QUARTZ MONZONITE
BOLSA (?) QUARTZITE
FAVORABLE OXIDATION
BLEACHED AREA
VEIN
FAULT
SEPTEMBER, 1953
S. S. W.

SILVER LEAD GROUP

SILVER BELL MINING DISTRICT
PIMA COUNTY, ARIZONA
1" = 100'

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



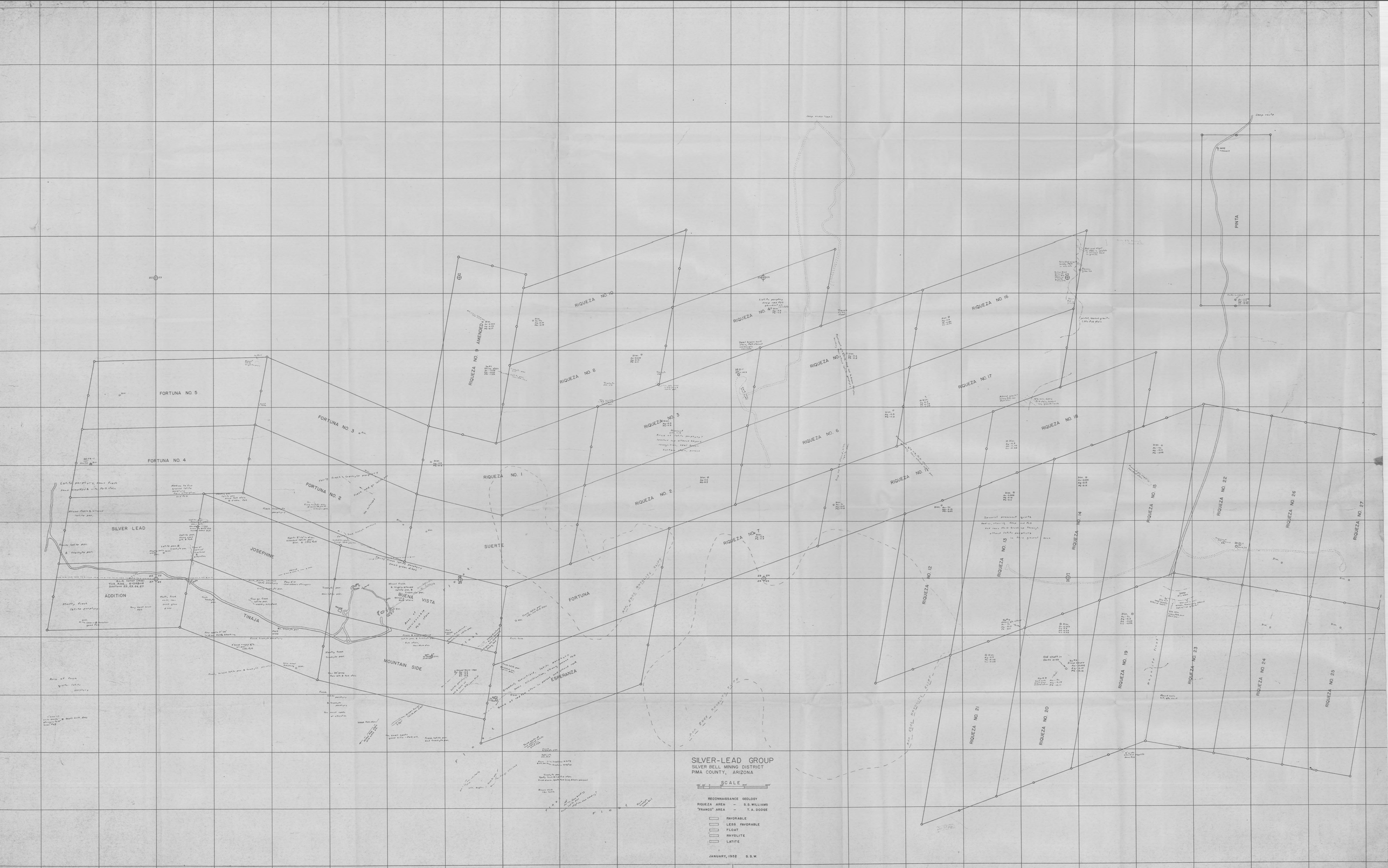
Horizontal Scale: 1" = 200'
Vertical Scale: 1" = 200γ

LINE O East - West
(Test)

FORTUNA CLAIM GROUP
Magnetic Survey
(Vertical Intensity)
A.E.M. Instrument
for
ROBERT M. ADAM COMPANY

by
Heinrichs Geoexploration Company
August 1961

K+E STANDARD ® CROSS SECTION 10×10 TO THE INCH
KEUFFEL & ESSER CO. MADE IN U.S.A.
K+E STANDARD ® CROSS SECTION 10×10 TO THE INCH


SILVER-LEAD GROUP
SILVER BELL MINING DISTRICT
PIMA COUNTY, ARIZONA
SCALE
RECONNAISSANCE GEOLOGY
RIQUEZA AREA – S.S. WILLIAMS
"FRANCO" AREA – T.A. DODGE
FAVORABLE
LESS FAVORABLE
FLOAT
RHYOLITE
LATITE
JANUARY, 1952 S.S.W.
FORTUNA NO. 5
FORTUNA NO. 4
FORTUNA NO. 3
FORTUNA NO. 2
SILVER LEAD
ADDITION
JOSEPHINE
TINAJA
BUENA VISTA
MOUNTAIN SIDE
SUERTE
FORTUNA
ESPERANZA
RIQUEZA NO. 1
RIQUEZA NO. 2
RIQUEZA NO. 3
RIQUEZA NO. 6
RIQUEZA NO. 7
RIQUEZA NO. 8
RIQUEZA NO. 9 AMENDED
RIQUEZA NO. 10
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RIQUEZA NO. 19
RIQUEZA NO. 20
RIQUEZA NO. 21
RIQUEZA NO. 22
RIQUEZA NO. 23
RIQUEZA NO. 24
RIQUEZA NO. 25
RIQUEZA NO. 26
RIQUEZA NO. 27
PINTA

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

September 13, 1962

SEP 1962
GEOEX

Mr. J. W. Marlatt
Heinrichs Geoexploration Company
P. O. Box 5671
Tucson, Arizona

Dear Mr. Marlatt:

FORTUNA

In a telephone conversation a short while ago and, also, in your letter of the 10th you ask for recording information of four claims--Fortuna 8, Josephine, Tinaja and Addition.

On Fortuna No. 8 we have the original Notice of Location. It was recorded October 3, 1953 in Book 645, Page 332; No. 45696. The notice has this statement: "This is a relocation of the abandoned SILVER LEAD mining claim, plus a portion of the abandoned JOSEPHINE mining claim."

We are not quite clear as to what you want on the other three claims; but from a 1950 lease and option contract (which we dropped) this recording data is taken:

Name of Claim	Book	Page
Josephine	RRR	581
Silver Lead	RRR	582
La Tinaja	72	108
Addition	72	335

Then on February 5, 1951 Amended Notice of Mining Location was recorded:

Name of Claim	No.	Book	Page
Josephine	4212	321	415
Silver Lead	4207	321	410
Tinaja	4210	321	413
Addition	4208	321	411

I haven't refreshed my memory on this matter but my recollection is that we abandoned these claims and then in 1953 Seton Williams located a bunch of Fortuna and Riqueza claims. Is the above information covering some of the original Franco locations what you want?

Very truly yours,

Robert M. Adams
w

law

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

March 13, 1962

MAR 1962
GEOEX

Mr. Walter E. Heinrichs, Jr.
Heinrichs Geoexploration Company
P. O. Box 5671
Tucson, Arizona

Dear Mr. Heinrichs:

Yours of the 9th regarding Fortuna and returning a marked map. I think I understand your suggestions, and doesn't it boil down to the following:

1962 assessment work. Through recent geophysics we will have covered Tinaja, Addition, Josephine, Fortuna 8, 4 and 5--six claims.

To do the assessment work for this year on Fortuna 6 and 9 will require $200 to be thrown away on something in the line of labor.

Should we desire to renew assessment work on Fortuna 2 and 3, that would require another $200. If we do not, then those two claims and the fraction North of the Josephine would be out of the picture.

As to location work on the eight new claims of Fortuna, 10-17, inclusive, I would think under all the circumstances it would be best to do this first instead of running that other I.P. line for $1000 before doing the location work. We can take our time to do that, but by doing the location work in time (the claims being located January 9) then we don't have to bother about assessment work in 1962.

I have a hunch that we might be able to do something with this picture based upon the evidence to date and, if so, further geophysics on the area along with drilling might be at somebody else's expense.

How much will the location work cost? What is the cheapest way to get the necessary excavation done? Could it be done more cheaply by a bulldozer (which might not expose anything of technical interest but at least would cover more area than eight useless hand-dug holes?)?

Very truly yours,

Robert M. Adams

RMA:law

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

FEB 1962
GEOEX

February 21, 1962

Mr. Walter E. Heinrichs, Jr.
Heinrichs Geoexploration Company
P. O. Box 5671
Tucson, Arizona

Dear Mr. Heinrichs: RE: FORTUNA

Without attempting herein to discuss this fully, I am returning one of your maps furnished in your recent (duplicate) report. Will you please check the claims falling into the different groups which are marked as follows:

New Claims - 8; colored red.

The Claims on which we have been maintaining assessment work - 4; colored brown.

Claims on which we have renewed assessment work, hence putting the same in good standing - 8; colored green.

I believe in our telephone conversation you mentioned Fortuna and not Esperanza, but on checking Affidavit of Labor Performed which you filed in September 1961 you will note Esperanza is included and not Fortuna. If you would check me on the way we have these colored, I would appreciate it.

Very truly yours,

RMA:law
Enclosure

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

January 16, 1962

JAN 1962
GEOEX

Mr. Walter E. Heinrichs, Jr.
Heinrichs Geoexploration Company
P. O. Box 5671
Tucson, Arizona

Dear Mr. Heinrichs:

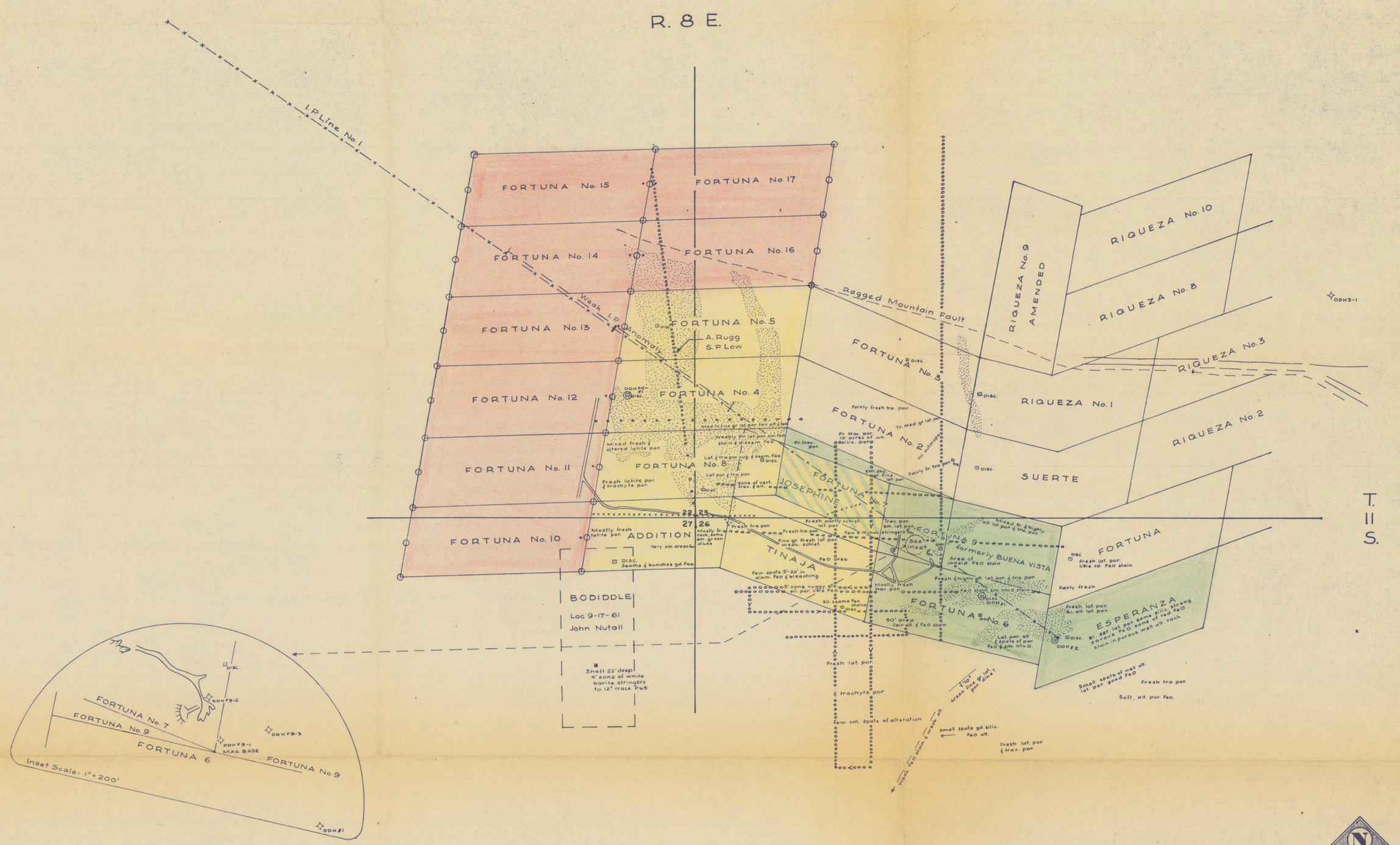
Your letter of January 11 to Mr. Adams re the Fortuna Area, with statement enclosed, has been received. Mr. Adams is out of the office for several days this week on account of the A.I.M.E.-Symposium and meetings incident thereto.

Very truly yours,

ROBERT M. ADAMS COMPANY

(Miss) By Laura A. Nelson

law



EXPLANATION

- Bleached area (from S. Williams map of 1952)
- Fault (from S.W. map 1952)
- All geologic notes from S.W. map 1952 unless noted otherwise
- Fence lines
- Magnetometer lines
- I. P lines
- Road
- Section corner
- New claims no assessment required for the year 1961-1962 (located 1-9-62)
- Claims to be held in the assessment year 1961-1962 by geophysics
- Assessment work done 2 preceding years by geophysics -- 1961-1962 by rock removed in two cuts

Note: East Half of I.P. line No. 1 was also run on 50' station interval with a magnetometer.

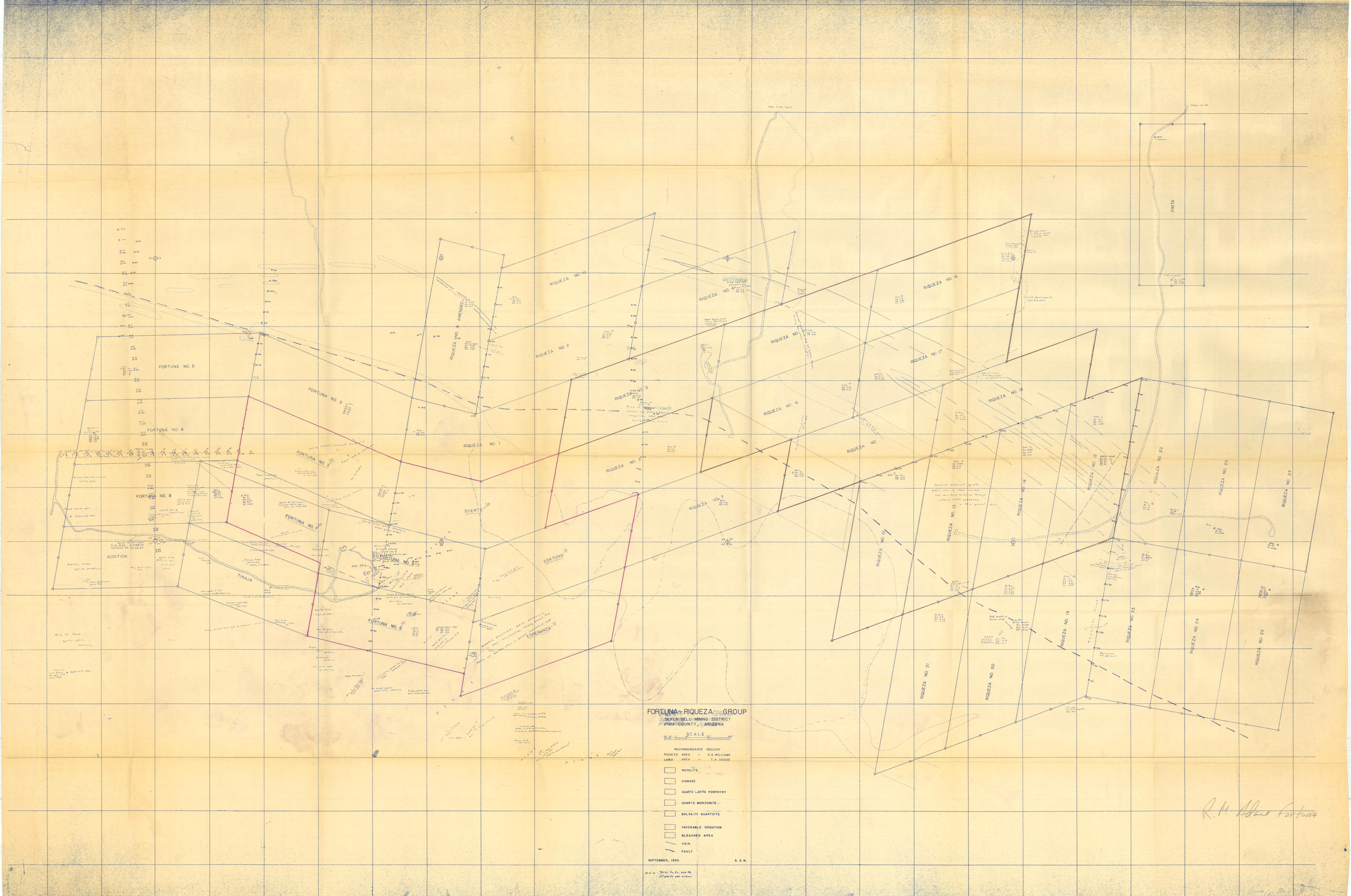
O^E/w located at approx. 100' S 75° W from the W. end center of FORTUNA No. 5 at a rock cairn. Bearing approx. S 55° E & N 55° W from O^E/w.

HEINRICHS GEOEXPLORATION COMPANY
P.O. Box 5671 Tucson, Arizona

FORTUNA CLAIM GROUP
FOR
ROBERT M. ADAMS CO.

T11S - R18E
PIMA COUNTY, ARIZONA

SCALE: 1" = 500'	CONTOUR INTERVAL:	REVISIONS
	DATA BY:	from S.W. Map July 1952
DATE: Jan. 1962	SHEET OF	Sept. 1962
DRAWN BY: I.B.	DRAWING NO.: 1	FILE:


FORTUNA NO. 5
FORTUNA NO. 4
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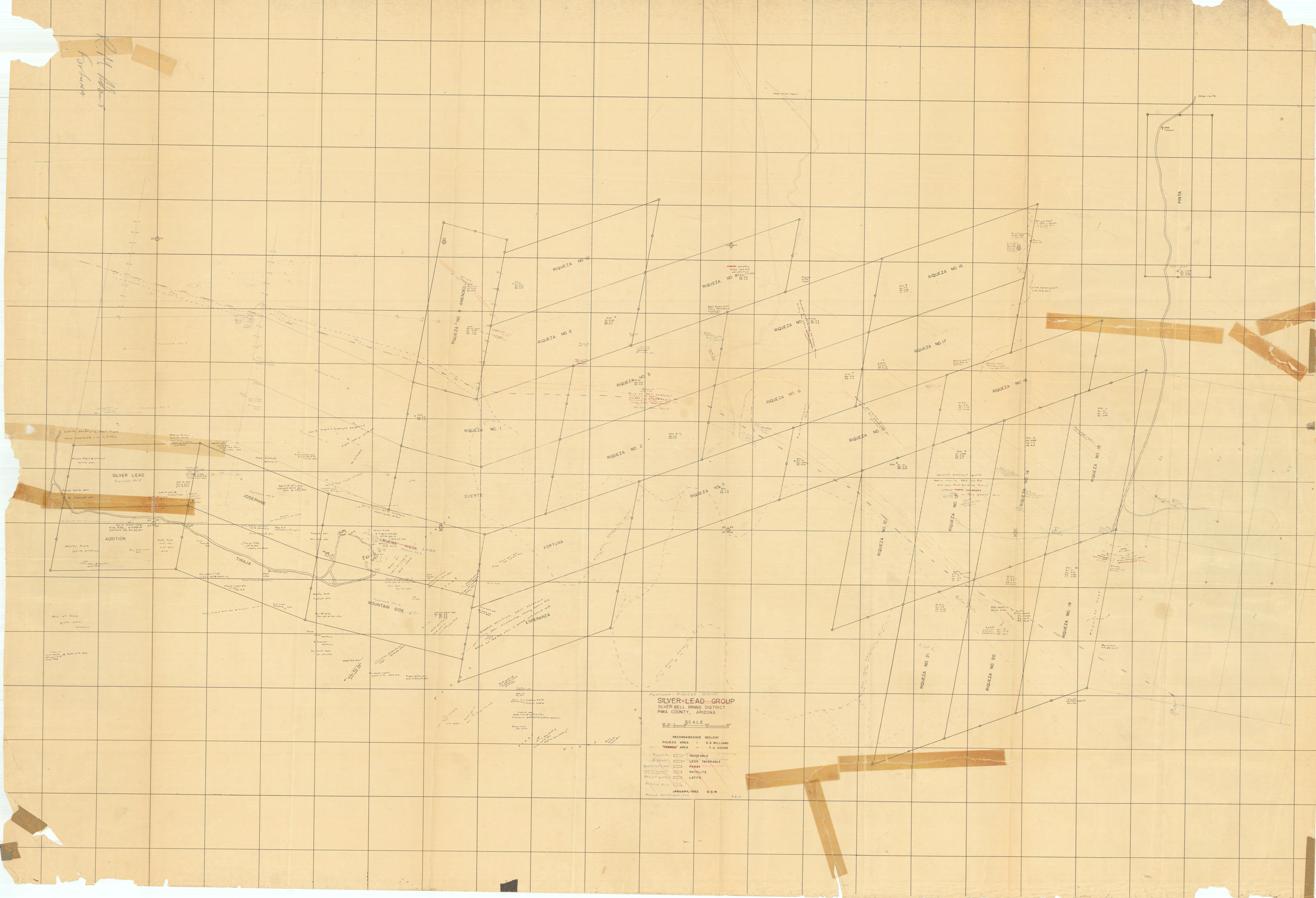
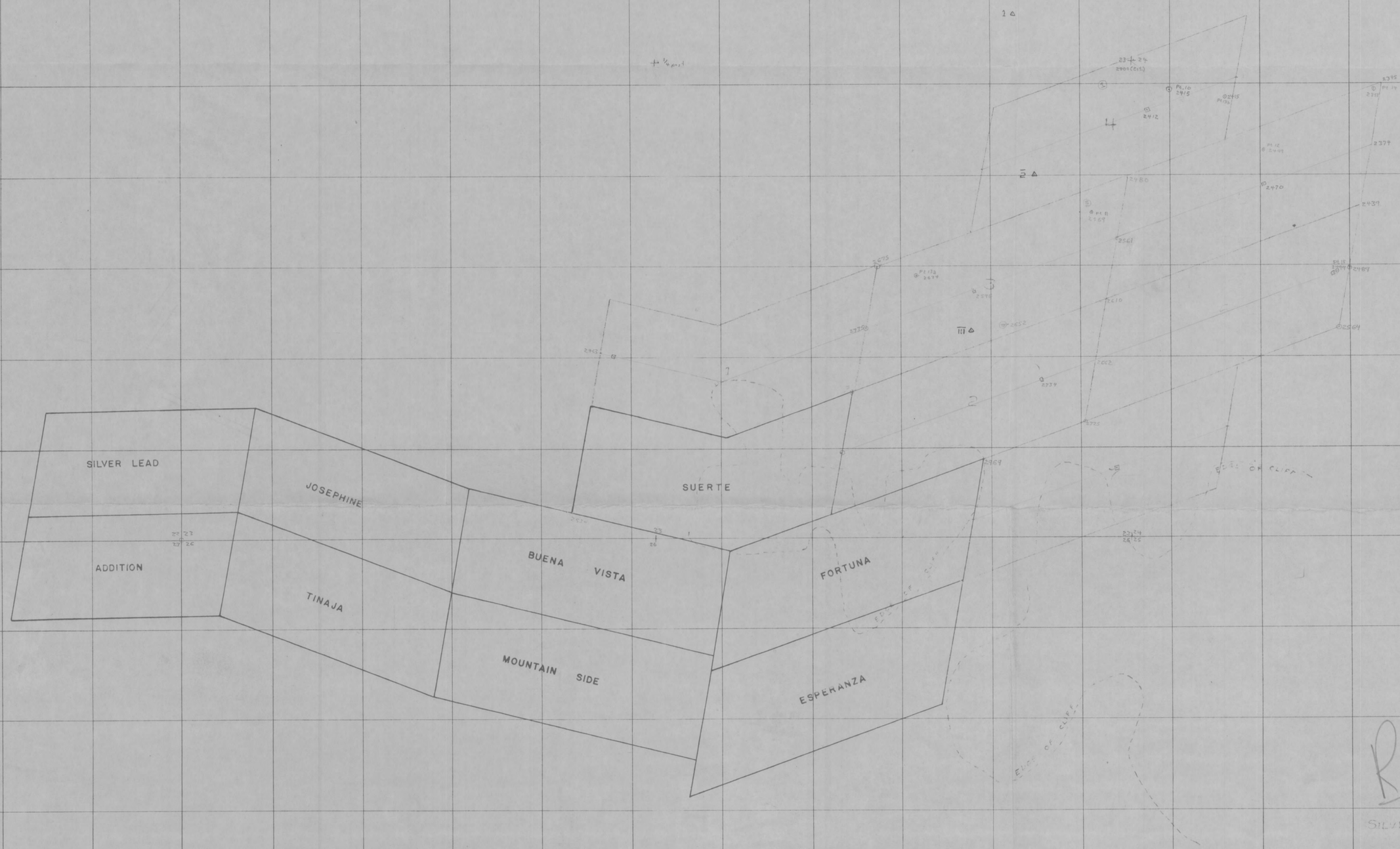
FORTUNA NO. 7
FORTUNA NO. 9
FORTUNA NO. 6
ADDITION
TINAJA
SUERTE
FORTUNA
ESPERANZA
RIQUEZA NO. 1
RIQUEZA NO. 2
RIQUEZA NO. 3
RIQUEZA NO. 4
RIQUEZA NO. 5
RIQUEZA NO. 6
RIQUEZA NO. 7
RIQUEZA NO. 8
RIQUEZA NO. 9 AMENDED
RIQUEZA NO. 10
RIQUEZA NO. 12
RIQUEZA NO. 13
RIQUEZA NO. 14
RIQUEZA NO. 15
RIQUEZA NO. 16
RIQUEZA NO. 17
RIQUEZA NO. 18
RIQUEZA NO. 19
RIQUEZA NO. 20
RIQUEZA NO. 21
RIQUEZA NO. 22
RIQUEZA NO. 23
RIQUEZA NO. 24
RIQUEZA NO. 25
RIQUEZA NO. 26
RIQUEZA NO. 27
PINTA
FORTUNA - RIQUEZA GROUP
SILVER BELL MINING DISTRICT
PIMA COUNTY, ARIZONA
SCALE
RECONNAISSANCE GEOLOGY
RIQUEZA AREA — S. S. WILLIAMS
LOBO AREA — T. A. DODGE
RHYOLITE
DIABASE
QUARTZ LATITE PORPHYRY
QUARTZ MONZONITE
BOLSA (?) QUARTZITE
FAVORABLE OXIDATION
BLEACHED AREA
VEIN
FAULT
SEPTEMBER, 1953
S. S. W.
R.M. Adams Fortuna


RIQUEZA NO. 9 AMENDED
RIQUEZA NO. 10
RIQUEZA NO. 8
RIQUEZA NO. 3
RIQUEZA NO. 1
RIQUEZA NO. 2
RIQUEZA NO. 4
RIQUEZA NO. 5
RIQUEZA NO. 6
RIQUEZA NO. 7
RIQUEZA NO. 16
RIQUEZA NO. 17
RIQUEZA NO. 18
RIQUEZA NO. 12
RIQUEZA NO. 13
RIQUEZA NO. 14
RIQUEZA NO. 15
RIQUEZA NO. 19
RIQUEZA NO. 20
RIQUEZA NO. 21
PINTA
SILVER LEAD
Fortuna No. 9
JOSEPHINE
ADDITION
TINAJA
BUENA VISTA
MOUNTAIN SIDE
SUERTE
FORTUNA
ESPERANZA
Jeep route
FORTUNA - RIQUEZA GROUP
SILVER-LEAD GROUP
SILVER-BELL MINING DISTRICT
PIMA COUNTY, ARIZONA
SCALE
RECONNAISSANCE GEOLOGY
RIQUEZA AREA – S.S. WILLIAMS
"PRANGO" AREA – T.A. DODGE
FAVORABLE
LESS FAVORABLE
FLOAT
RHYOLITE
LATITE
JANUARY, 1952 S.S.W.



R.M. Adams

SILVER LEAD GROUP

SCALE 1" = 400'

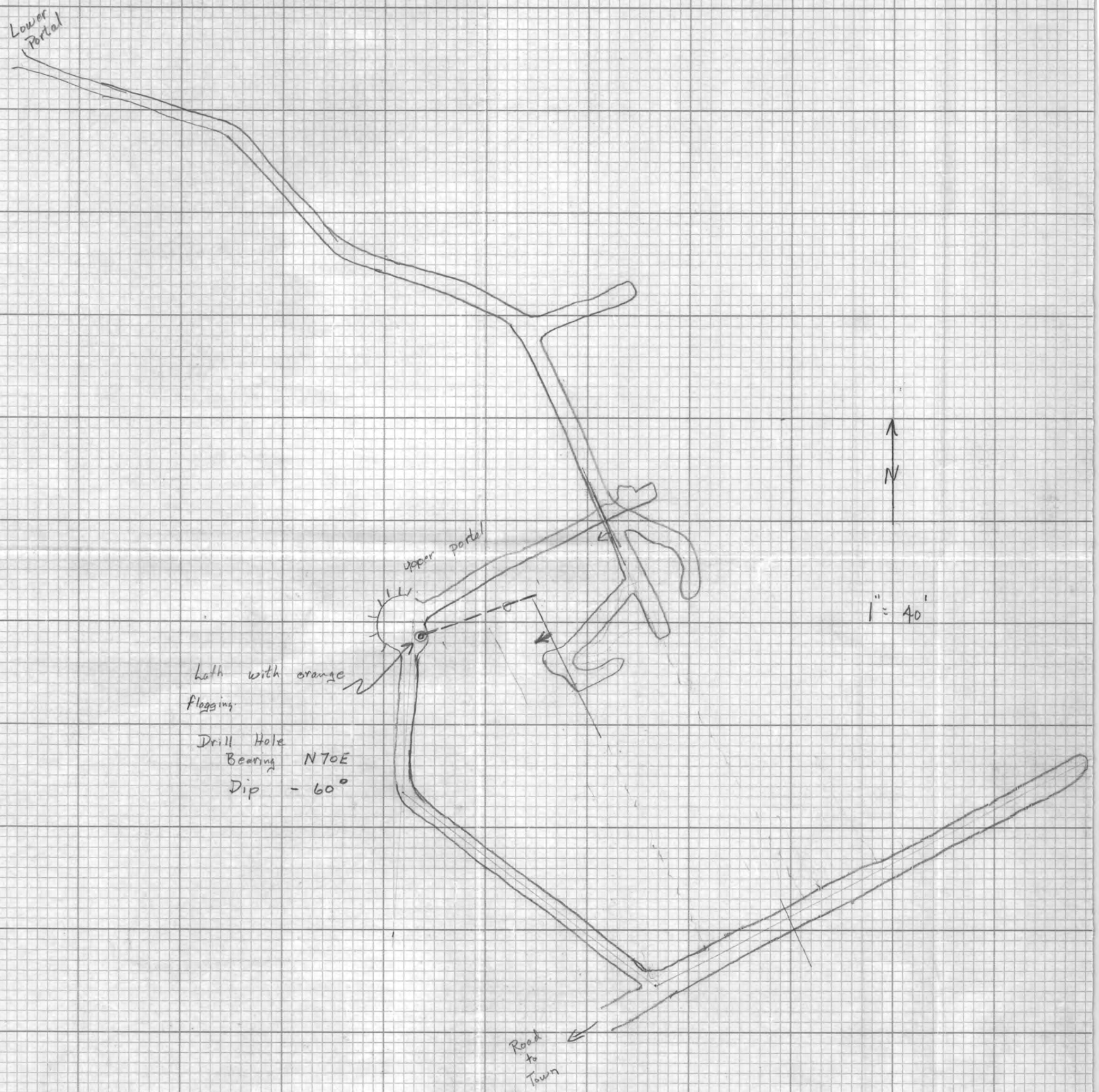
4-19-51 S.S.W.

(Stations 1, 2, and III traced from air photo)

Turned over to Dave Lowell 8/20/58

Dodge & Williams Report
7 drill hole logs with assay reports
1 map scale 1" = 200'
1 geology map scale 1" = 500'
1 geochemical map " "
1 area map
1 aerial photo 478/1 Consolidated Aerial Surveys

Lee Vought



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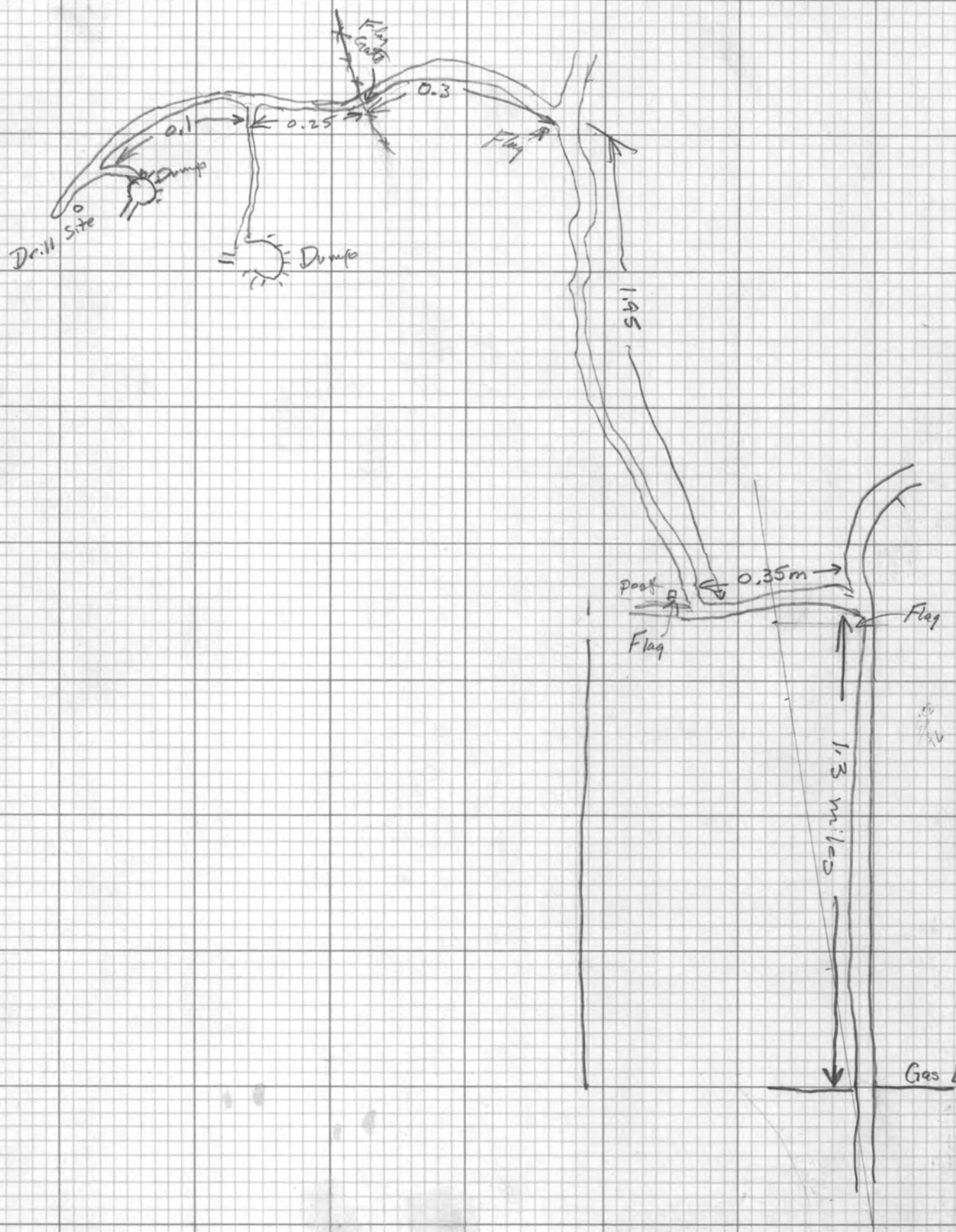
Flag
Gas
0.3
0.1
0.25
Flag
Dump
Drill Site
Dump
1.45
0.35m
Pool
Flag
Flag
1.3 miles
Gas Line

FORTUNA-RIQUEZA

D.D.H. ~~FR-2~~ F9-2 Vertical Drilled June & July, 1957 T.D. 200.5'.

Depth	Recovery	Assay	Remarks
0-8'	0		No Core.
8-51.5'	100%		Sericitized Latite porphyry ¼" orthoclase and kaolin crystals. Seams of grey kaolin. Biotite to chlorite. Ground mass green cast. Manganese & limonite along fractures. Black sulfide casts.
51.5'-83'	90%		Latite porphyry. ¼" crystals. Disseminated sulfide. Ground mass dark grey. Feldspars highly altered. Few large gobs of sulfides including galena, chalcopyrite, sphalerite & pyrite.
83-90	0		Old drift. No Core.
90-130	100%		Same as 51.5-83'.
130-200.5'	100%		Same. Mostly disseminated pyrite. No large sulfide gobs. Less orthoclase. Less alteration.

ASSAYS

Depth	Gold	Silver	Copper	Lead	Zinc
51.5-68	0.005	0.2	0.03%	0.5%	0.7%
68-83	0.01	0.8	0.12	1.3	0.8
90-110	0.005	0.2	0.02	0.3	0.2
110-130	0.005	0.3	0.04	0.3	0.5

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

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0813

DUPLICATE

Certificate No. 53253

Tucson, Arizona, Aug 24th, 1957

Sample Submitted by Mr. Allen M Rugg

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
			$				
	DDH FR 2						
154050	51½ 68	0.005	0.17	0 2/10	0.03	0 5/10	0 7/10
51	68 83	0.01	0.35	0 8/10	0.12	1 3/10	0 3/10
52	90 110	0.005	0.17	0 2/10	0.02	0 3/10	0 2/10
53	110 130	0.005	0.17	0 3/10	0.04	0 3/10	0 5/10

* Gold Figured $35.00 per oz. Troy

Charges $ 23.00

Very respectfully,

Ben P Jacobs

GEOLOGIC LOG D.D.H. F9-1
VERTICAL DIAMOND DRILL HOLE EAST OF INTERMEDIATE ADIT
FORTUNA-RIQUEZA AREA
DRILLED JUNE, 1956

DEPTH	CORE RECOVERY	REMARKS
0-4'	No Core Rx	
4-9'	10% Rx	Highly weathered and altered porphyritic rock.
9-15'	30% Rx	Grey altered Diorite or Qtz. Monzonite Porphyry containing about 2% sulfides, pyrite, chalcopyrite and sphalerite? Plagioclase Phenocrysts up to 5 mm long.
15-20'	40% Ax	Less altered Qtz Monzonite porphyry Grey. Contains 2% sulfides, pyrite, chalcopyrite.
20-38'	100% Ax	Same ½" qtz vein at 30'.
38-48'	100% Ax	Same
48-57'	100% Ax	Same. Decrease in sulfide content. Still some pyrite visible.
57-63'	100% Ax	Same. Very few scattered sulfide specks.
63-74'	90% Ax	Same. Increase in sulfide specks.
74-75'	100% Ax	Same. Seam parallel to hole with blebs of galena, chalcopyrite and garnet, 1 cm across.
75-85'	[illegible] Ax	Grey qtz. monzonite porphyry. Breccia zone. Scattered chalcopyrite blebs and pyrite. Red mineral in seams.
85-95'	100% Ax	Latite Porphyry. Few scattered unaltered plagioclase phenocrysts. Very fine grain ground mass. No visible sulfides. Flow structure at 85'.
95-105'	100% Ax	Same. Phenocrysts are more pink than white.
105-115'	90% Ax	Same.

Allen M. Bugg, Jr.

Assay	Cu.	Ag	Pb
35 - 40	.06 %	—	—
74 - 75	.36	0.1 oz	0.1%
75 - 82.5	.26	—	—

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

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0813

Tucson, Arizona, June 20th, 1956

Sample Submitted by Mr. A.M. Rugg

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	Per Cent Wet Assay	Per Cent Wet Assay
FR. 135' - 40'				0.06/100				
		Fortuna - Riqueza						

* Gold Figured $35.00 per oz. Troy

Charges $ 1.50

Very respectfully,

Ben P. Jacobs

30 So. Main St.
P. O. Box 1989

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0613

Certificate No. 52393

Tucson, Arizona, June 28th, 1956

Sample Submitted by Mr. A M Riggs

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
49470	FR-2 74-75'	—	$ —	0 1/10	0 36/100	0 1/10	74-75'
71	F 3 75-82½'	—	—	—	0 26/100	—	75-82½'

* 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. 52393

Tucson, Arizona, June 28th, 1956

Sample Submitted by Mr. A M Rigg

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~~
			$				
149470	FR-2	—	—	0 1/10	0 36/100	0 1/10	
71	F 3	—	—	—	0 26/100	—	

* Gold Figured $35.00 per oz. Troy

Charges $ 5-50

Very respectfully,

Ben Jacobs

FORTUNA - RIQUEZA PROPERTY -

DD Hole ~~No.~~ 1 MOUNTAIN SIDE ~~No.~~ 1 of Fortuna 6-1

Location: ~~N 10° E~~ location cut MOUNTAIN SIDE, ~~110 from Disc. Mon. RIQUEZA No. 22~~

Dip: vertical

Depth Interval	Core Recovery	Silver oz/ton	Copper per cent	Lead per cent	Remarks
0-35	10 %				Fragmental, bleached latite porphyry, buff brown
0-15		0.5	0.04	0.03	in color
15-25		0.2	0.04	0.03	some local FeO_x stain, a little black MnO_x? along
25-35		0.3	0.05	0.04	fracture surfaces
35-44	50 %				Jointing at roughly 90° to hole gives preponderance
35-45		0.5	0.04	0.03	of 1 inch core sections of medium gray latite porph.
~~45-55~~		~~0.3~~	~~0.03~~	~~0.03~~	Shines from very fine grained, disseminated sulfide,
					presumably pyrite, fairly abundant from 37 to 43
44-48	20 %				Fragmental core, similar to preceeding run, except
45-55		0.3	0.03	0.03	higher sulfide content in 44-48 interval
48-52	25 %				Increased fine grained sulfide. Local core fragments
					show considerable loss of rock texture.
52-62	60 %				Fine grained sulfide (much identified as pyrite) abundantly
55-65		0.5	0.03	0.04	disseminated in light gray latite porp., 4" dike?
					now sericitized dark gray, cut at 53'.
62-68	60 %				Little change in rock, except for solution cavities,
65-75		0.3	0.03	0.04	containing some black indigenous FeO_x stain where Fe and Cu?
					have been removed by supergene processes.
68-75	90 %				No change in appearance of rock, except
					for essential lack of evidence of oxidation
					(At bottom of hole - 3" core shows brecciated, mineralized
					porphyry, cemented by apparently barren silica

DD Hole Fortuna 4-1
Cored at base of Disc. shaft Fortuna No. 4

Int.	Core Recov.	Sludge Assay Cu	Ag	Remarks
0-5	12"			Fine grained, dull-grey, bleached latite porphyry. Single skins of chalcopyrite, so fine-grained that confirmation under 20x lens impossible.
0-10		Tr		Rock jointed, and joints carry red + black FeOx stain.
5-10	6"			Same as above
10-15	-4"			" "
10-20		Tr		
15-20	5"			" "
20-25	15"			Latite more "bleached", more silication and destruction of texture than preceding intervals
20-30		Tr		
25-30	16"			At 25' rock color turns reddish from FeOx, definite black pyrite crystals observed
30-35	2"			Fragments suggest preceding 5' run
30-40		Tr		
35-40	3"			Red FeOx stained fragments as above. Positive small pyrite grain noted.
40-45	8"			Rock color changes from red to dull gray.
40-50		Tr		Abundant f.g. pyrite disseminated thru gray rock.
45-50	5"			Altered to greenish gray latite, some f.g. pyrite
50-55	1" (in)			Fragments " " " , abundant " "
55-60	"	0.02	0.12	" " " " " " "
60-65	"			" " " " " " "
65-70	4"	0.01		" " " " " " "
70-75	1"			" " " " " " "
				Section " " " "
75-80	9"	Tr.		" " " " " " "

DD Fortuna #4-1

		Cu	Ag	
80-85	12"			Latite (bleached) to green gray, texture garbled, py abundant
85-87½	11"			" " " " " " " "
(85-90)		Tr	0.06	
87½-90	11"			Rock shows blue-gray cast, less pyritic impregnating except for pyrite veinlet filling joint crack
90-95	6"			Slightly greener than preceeding run, chips show cons. diss. pyrite plus pyrite filled joint crack
95-100	6"	Tr		Same as above
100-105	9"			" " " , slight diminution of f.g. pyrite
105-107½	9"			" " " ,
105-110		Tr		
107½-112½	4"			fragments , much pyrite Fsp phenocrysts stand out in green gm.
112½-116	8"			" " " " " " "
116-120	3"	Tr		" " " " " " "
120-125	4"			" " " " " " "
125-130	4"	Tr.		" " " sparse trace " " "
130-135	5"			
135-140	16"	Tr.	0.13	
140-145	10"			
145-150	7"	Tr.		

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

JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

Certificate No. 60 241 Tucson, Arizona, Mar. 31st, 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
	F4-1		$				
134972	0 - 10				Trace		
73	10 - 20				"		
74	20 - 30				"		
75	30 - 40				"		
76	40 - 50				"		
77	55 - 60	Trace		0.12	0.02	Trace	Trace
78	65 - 70				0.01		
79	75 - 80				Trace		

* Gold Figured $35.00 per oz. Troy

Charges $ 14.25

Very respectfully,

Ben P. Jacobs

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

JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

Phone 2-0813

Certificate No. 50 275 Tucson, Arizona, April 13th, 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
			$				
135123	F.4-1- 85-90	Traces		0.06	Traces	Traces	Traces
24	95-100				Traces		
25	105-110				Traces		
26	115-120				Traces		
27	125-130				Traces		
28	135-140	Traces		0.13	Trace	Trace	Trace
29	145-150				Traces		

* Gold Figured $35.00 per oz. Troy

Charges $ 17.25

Very respectfully,

Ben P. Jacobs

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

JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

DUPLICATE

Certificate No. 50 275

Tucson, Arizona, April 13th, 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
			$				
135123	F-41- 85-90	Traces		0.06	Traces	Traces	Traces
24	95-100				Trace		
25	105-110				Traces		
26	115-120				Traces		
27	125-130				Traces		
28	135-140	Traces		0.13	Trace	Trace	Trace
29	145-150				Traces		

* Gold Figured $35.00 per oz. Troy

Charges $ 17.25

Very respectfully,

Ben P Jacobs

DD Hole R3-1

Collared 3-15-53 completed 3-22-53

Int.	Core rec.	Sludge Assay Cu	Sludge Assay Ag	Remarks
0-5	4 ft.			Hole collared in area of seal brown stained qtz. monz. porphyry, intimately jointed, and carrying
(0-10)		Tr	0.17	veinlets of deep red stained carbonate.
5-10	3 in.			Black mon. Fragments, some coating red oxide-mud.
10-15	16 in.			Slightly less fragmental - no significant rock change
(10-20)		Tr.	Tr.	
15-20	8 in			" " "
20-25	12 in			" " "
(20-30)		Tr.	Tr	
25-30	3' 10"			No important change in core, less fragmental this run
30-35	18" in.			" " " " "
(30-40)		Tr	Tr.	" " " "
35-40	10 in			
40-45	6 in.			
(40-50)		Tr	Tr	
45-50	17 in			
50-55	10"			" " " core comprised of small chips
55-60	8"	Tr.	0.11	" " " veinlets ± 90° to hole cored this run.
60-65	23"			No change
65-70	2' 9"	Tr	Tr.	" "
70-75	1' 9"			" "
75-80	1' 9"	Tr.	Tr.	" "

DD R 3-1

		Cu	Ag	
80-85	2' 4"			oxidized qtz. monz. porp. as above
85-90	3' 4"	Tr	Tr	"
90-95	1' 9"			"
95-100	10"	Tr	Tr	"
100-105	15"			"
105-110	3'	Tr	0.05	"
110-115	2' 8"			"
120	1' 4"	Tr	Tr	"
120-125	1' 4"			"
125-130	1' 6"	Tr	Tr	"
130-135	2' 1"			"
135-140	1' 6"	Tr	Tr	"
140-143	1' 10"			"
143-148 (145-150)	1' 3"			"
148-152	2' 3"	Tr	0.07	"

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

JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

Certificate No. 50222 Tucson, Arizona, Mar 20th, 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
	3-1		$				
134902	0-10	Traces		0.12	Traces	Traces	Traces
903	10-20	—	—	—	"	—	—
904	20-30	—	—	—	"	—	—
905	30-40	—	—	—	"	—	—
906	40-50	—	—	—	"	—	—
907	55-60	Traces		0.11	"	Traces	Traces

* Gold Figured $35.00 per oz. Troy

Charges $ 16.00

Very respectfully,

Ben P. Jacobs

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

JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

Certificate No. 50225 Tucson, Arizona, Mar. 24th, 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
	3-1		$				
134918	65-70	—	—	—	Trace	—	—
19	75-80	—	—	—	"	—	—
20	85-90	—	—	—	"	—	—
21	95-100	—	—	—	"	—	—
22	105-110	Trace		0.05	"	Trace	Trace
23	115-120	—	—	—	"	—	—
24	125-130	—	—	—	"	—	—
25	135-140	—	—	—	"	—	—
26	145-150	Trace		0.07	"	Trace	Trace

* Gold Figured $35.00 per oz. Troy

Charges $ 19.75

Very respectfully,

Ben P. Jacobs

DD Hole 22-1

Int	Core recovery	Sludge % Cu	Remarks
	(9') (3-10	Tr	Hole collared in ~~[illegible]~~ sericitized quartz monzonite
	10-20	Tr	porphyry. Rock is thoroughly jointed, and
0-55		0.02	stained red-brown ~~[illegible]~~
20-30		Traces	~~[illegible]~~
30-40		Traces	~~[illegible]~~
40-50		Traces	~~[illegible]~~ Abundant, very small, red ~~stained~~ and black stained sulfide casts, Core mainly fragmental, longest 3".
55-60 (0.8')		Traces	Core darker, black Fe staining intense
60-97½ (8.0')			Rock shows no significant change from 0-55' interval
65-70		Traces	
75-80		Traces	
85-90		Tr½es	
97⅝-127½ (4')			Same as above
97⅝-102½		Traces	
107⅝-112½		Tr	
117⅝-122½		Tr	
127⅝-132½		Tr	
127½-137½ (2')		Tr	No change from above
132⅝-137½		0.03	
137½-152½ (8')			No significant change in mineralogy, rock is less friable than overlying drill cores.
137½-142½		0.03	
147½-152½		0.02	

FRANCO-RIQUEZA - Hole # 22-1
Collared 2-23-53 - Size XRT
Dip Vertical

Int	Core Rec.	% Cu	Remarks
	1'		Altered qtz. monz., considerable sericite + qtz., Heavy FeOx (brown)
3	6"		in joint? breaks. Some small oxide cavities show black FeOx coating
5	2"		Mostly as above, some kaolinite (shows very light green surf.)
10	10		Almost no core - + 4 small pebbles - no change in rock or alt.
	8"		Remnants of core same as above
15			
	18"		Same as above, core still shows abundant pink feldspar
20	20		
	6"		Fragmental core, No real change - more sericite?
25			
	6"		" " More velvt black FeOx on surfaces, more sericite?
30	30		
	4"		" " still have fresh looking pink feldspar.
35			
	4"		" " " " " " " "
40	40		
	5"		" " Same essentially as overlying rock to surface
45			
	12"		Mostly fragmental - one 2½" section, Rock appears more bleached than
50	50		above
	3"		Core fragments show seal brown FeOx, exhibit very small sulfide? casts.
55			
	12"		Rock shows more min. activity, much of texture gone, dark red FeOx abundant.
60	60		
	3"		Alt. qtz. monz, light green staining in kaolinite, black veinlets in core fragments
65			
	3"		Feldspars still pink but altered
70	70		
	6"		Fragments. Little or no black FeOx surfaces, more light green kaolinite.
75			
	12"		One 5" core shows cons. black FeOx stain, sulf. casts?,
80	80		
	18"		Rocky texture possibly less distinct, pink fp's bleached slightly
	82½		Check core for sulfides? shines!
	6"		Rock, texture less distinct.
	87		

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

JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

22-1

Certificate No. 50217 Tucson, Arizona, Mar. 18th, 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
	22-1		$				
134865	-3- 10	—	—	—	Trace	—	—
66	10- 20	—	—	—	"	—	—
67	20- 30	—	—	—	002	—	—
68	85- 90	—	—	—	Trace	—	—
69	97½-102½	—	—	—	"	—	—
70	107½-112½	—	—	—	"	—	—
71	117½-122½	—	—	—	"	—	—
72	127½-132½	—	—	—	"	—	—
73	132½-137½	—	—	—	003	—	—
74	137½-142½	—	—	—	002	—	—
75	147½-152½	Trace		0.12	002	Trace	Trace
76	Reguezia # 24	"		008	002	"	"
77	" 25	"		013	002	"	"
78	" 26	"		—	004	—	—
79	" 27	"		—	002	—	—

* Gold Figured $35.00 per oz. Troy

Charges $ 3400

Very respectfully,

Ben P. Jacobs

92-A
INTERDEPARTMENTAL CORRESPONDENCE

Sept 29 1953

SUBJECT

Core sections

DD 22-1

Megascopic: The rock looks like an altered (oxidized) qtz. monz. porphyry. About 40% of the rock is comprised of medium to coarse grained qtz. Other minerals have been altered and stained deep-to-light red. Ghosts of Feldspar? crystals observed, plus a little chlorite? in the intricate veinlets pattern

Microscopic — Altered rock shows at least one stage of post-formational silication. Large qtz. phenocrysts are chewed and veined by very fine grained later-generation quartz. Secondary quartz plus abundant sericite make up most of the altered rock, except for the chewed and veined original rock forming quartz. Relic crystals suggest original texture holocrystalline rather than porphyritic.

92-A
INTERDEPARTMENTAL CORRESPONDENCE

SEGURIDAD 4 PRIMERO

195

SUBJECT

DD 3-1:

Megascopic: Rock appears to be quartz monz. porphyry. Medium gr. SiO_2 phenocrysts more widely distributed than in DD 22-1, rock comprised of ± 25% qtz. phenocrysts. Oxidation appears to be deeper red and more uniform than for DD 22-1.

Microscopic: Alteration intense, leaving only original SiO_2 phenocrysts in identifiable condition. These grains apparently shattered and veined by hydrothermal solutions carrying what appears to be later-altered qtz. but what may well be siderite, partly broken down to give reddish color, and black interstitial areas. Opaque black grains after pyrite? or hematite noted. Sericite abundant but less so than in 22-1

92-A
INTERDEPARTMENTAL CORRESPONDENCE

SEGURIDAD 4 PRIMERO

_____ 195___

SUBJECT_____

DD-4

Megascopic: Very fine grained gray rock, appears porphyritic though phenocrysts do not have the lustre of qtz, and are estimated to be altered Feldspars.
Sulphide veins noted.

Microscopic: Alteration products, sericite plus later qtz? most abundant. Biotite sole original mineral left in reasonably identifiable state.

FORTUNA - RIQUEZA PROPERTY

DD Hole Es[illegible]anza No. 2

Location: S 72° W 135' from location cut, ESPERANZA

Dip: Vertical

Depth In ft	Core Rec. %	Silver oz/ton	Copper %	Lead %	Remarks
4-10	20 %				Leached latite porph., exhibiting dull maroon
4-15		0.5	0.03	0.04	surface stain. Rock pitted, weak, considerable
10-17	10 %				sericite
15-25		0.4	0.05	0.05	Fragmental leached latite porphyry
25-35		0.4	0.03	0.04	
17-58	10 % (-)				Leaching so thorough that core recovery comprised ~~Mostly core remnants consisted by [illegible]~~
35-45		0.3	0.04	0.03	mainly of mineral grains cemented by mud.
					One section (38-40) shows presumably misplaced
45-55		0.3	0.03	0.04	fragment carrying abundant very fine-grained
					disseminated sulfides. Sulfides also noted at 41½'
55-65		0.4	0.04	0.03	
58-62½	40 %				Fragmental core - leached, sulf. first noted by drillers in this interval.
62½-70½	10 %				Abundant f.g. sulf. - alteration partially masks latite texture.
65-75		0.4	0.05	0.04	
70½-75	25 %				Very f.g. sulf. abundant in leached, reddish latite porphyry

Hole ~~B~~ #2 (Esperanza)

38-40 1" remnant shows abundant (very fine grained) shiny of disseminated pyrite? under 20X lens

41½-50 ±4" recovered, mostly mud, single rock chip shows considerable diss. ccp? in very fine gr. on surface.

58-62½ Mostly oxidized latite occasional small grains of ccp

62½-70½ More apparent ccp in altered (greenstone) latite, still cons. oxide showing

70½-75 More leached, little apparent change in Cep content

ESPERANZA CLAIM

HOLE NO. "B"

Depth Hole
Begin Shift _____
End Shift _____

Date June 1952

Water used _____ gals.

Size Bit	Depth Casing	Depth Drilled	Sludge Amount	Sludge Color	Type of Rock	Core Rec.	REMARKS
XRT		0-25½		red-brown	altered igneous or gouge ?	20%	
"		25½ - 29½		"	"	0%	
"		29½ - 32½		"	"	0%	
"		32½ - 35		"	"	0%	
"		35 - 38		"	"	0%	
"		38 - 41½		"	"	1-2%	
"		41½ - 45		"	"	0%	
"		45 - 49		"	"	0%	
"		49 - 58		"	"	0%	
"		58 - 62½		"	"	35%	First sulphides noted.

Time spent other than drilling:

George W. Reynolds
Leland C. Vought

DRILLER

ESPERANZA CLAIM

HOLE NO. "B"

Depth Hole
Begin Shift _____
End Shift _____

Date June 1952

Water used _____ gals.

Size Bit	Depth Casing	Depth Drilled	Sludge Amount	Sludge Color	Type of Rock	Core Rec.	REMARKS
XRT		62½ - 67½		red-brown	igneous with sulphide & altered portions.	30%	
"		67½ - 70½		"	"	16%	
"		70½ - 75		"	"	30%	

Time spent other than drilling:

George W. Reynolds
Leland C. Vought

DRILLER

Esperanza Claim

HOLE NO. "B"

Depth Hole
Begin Shift _____
End Shift _____

Date June 1952

Water used _____ gals.

Size Bit	Depth Casing	Depth Drilled	Sludge Amount	Sludge Color	Type of Rock	Core Rec.	REMARKS
XRT		0 - 25½		red-brown	altered lg. gouge?	20%	
"		25½ - 29½		red-brown	"	0% none	
"		29½ - 32½		"	"	0%	
"		32½ - 35		"	"	0%	
"		35 - 38'		"	"	0%	
"		38' - 41½'		"	"	1-2%	
"		41½ - 45		"	"	0%	
"		45' - 49'		"	"	0%	
"		49' - 58'		"		0%	
"		58' - 62½'		"	"	35%	first sulphide

Time spent other than drilling:

_____
DRILLER

Esperanza Claim

HOLE NO. "B"

Depth Hole
Begin Shift _____
End Shift _____

Date June 1952

Water used _____ gals.

Size Bit	Depth Casing	Depth Drilled	Sludge Amount	Sludge Color	Type of Rock	Core Rec.	REMARKS
XRT		62½' - 67½		Red brown	Igneous with sulphides + alt.	30%	
"		67½' - 70½		"	"	16%	
"		70½' - 75+		"	"	30%	

Time spent other than drilling:

_____
DRILLER

30 So. Main St.
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JACOBS ASSAY OFFICE

Phone 2-0813

REGISTERED ASSAYERS

Certificate No. 50698 Tucson, Arizona, Dec 9th, 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
137512	Fortune # 6	Traces	$	0 1/10	Trace	Trace	Trace
18	" 7	Traces		0 1/10	0.02	Trace	0.03
19	" 8	Traces		0 1/10	Trace	Trace	0.03

* Gold Figured $35.00 per oz. Troy

Charges $ 16.50

Very respectfully,

Ben P. Jacobs