



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the Kelsey Boltz Mining Collection

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QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

To: Joe Walton
Kelsey L. Boltz
Frank Cannaday

June 10, 1971

From: Paige Francis

Re: Cochran Withdrawal

Further examination of the BLM records with reference to the Claims of Kennecott Copper staked in 1967 in the area revealed that they had gone through the BLM and that the lands had been opened at their petition. The claims are therefore valid as assessment work has been filed on them for 1969-1970. The claims, the T W's, cover all of the area opened.

See attached: Copy of BLM Serial Register Page
Map showing area referred to by Serial Register and NDI's area of interest.

Paige

Legal Reference	File Code	Serial Number
Petition for Revocation Restoration to ME	23.2 75-16	A 700

(7/24/67)

Name and Mailing Address
 Bear Creek Mining Company
 Arizona District, a subsidiary of Kennecott Copper Corporation
~~2601 North First Avenue~~ 1714 West Grant Rd.
 Tucson, Arizona ~~85719~~ 85705

Description of Land
T. 3 S., R. 12 E.
 Sec. 33: S $\frac{1}{2}$
 Sections 34 ~~and 35~~ N $\frac{1}{2}$, W $\frac{1}{2}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$;
 section 35, NW $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$.
T. 4 S., R. 12 E.
~~Sec. 3: N $\frac{1}{2}$~~
 Sec. 4: ~~N $\frac{1}{2}$~~ Lots 1, 2, 3, 4;
 Sec. 5: ~~N $\frac{1}{2}$~~ Lot 1, W $\frac{1}{2}$ Lot 3, E $\frac{1}{2}$ lot 4;
~~Sec. 6: All~~

1234.32 acres.

DATE OF ACTION	ACTION TAKEN
Feb. 14, 1967	Petition to open lands to mineral location, entry and patent, in withdrawals for the Middle Gila River Project (AR 017239), power site classification (CL 438), and the San Carlos Indian Irrigation Project (PLO 141).
Feb. 16, 1967	Applicant withdraws N $\frac{1}{2}$, Sec. 3, T. 4 S., R. 12 E. from application.
MAR 10 1967	RECEIVED Bur. Rec.
May 8, 1967	Petition Amended.
June 27, 1967	Order opening land to Mineral Location, Entry and Patent, transmitted to Federal Register for publication.
July 10, 1967	Order Opening Lands to Mineral Location, Entry, and Patent was published in Federal Register July 4, 1967 as Doc. 67-7567., on page 9719, Vol. 32, No. 128.
July 24, 1967	Received notice of change of address.
AUG 15 1968	FRC DENVER Acc. # 64-A-236 Gr. # 49 Box # 373780 373780

over



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 section 35, NW $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$.
T. 4 S., R. 12 E.
~~Sec. 3 - N $\frac{1}{2}$ - - -~~
 Sec. 4: ~~N $\frac{1}{2}$~~ Lots 1, 2, 3, 4;
 Sec. 5: ~~Lot 1~~ Lot 1, W $\frac{1}{2}$ Lot 3, E $\frac{1}{2}$ lot 4;
~~Sec. 6 - All~~

1234.32 acres.

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over

Legal Reference Restoration to ME	File Code 23.2 75-16	Serial Number A 700
Name and Mailing Address Bear Creek Mining Company Arizona District, a subsidiary of Kennecott Copper Corporation -2601 North First Avenue 1714 West Grant Rd. Tucson, Arizona 85719 85705		
Description of Land <u>T. 3 S., R. 12 E.</u> Sec. 33: S $\frac{1}{2}$ Sections 34 and 35. N $\frac{1}{2}$, W $\frac{1}{2}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$; section 35, NW $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$. <u>T. 4 S., R. 12 E.</u> Sec. 3: N$\frac{1}{2}$ Sec. 4: N$\frac{1}{2}$ Lots 1, 2, 3, 4; Sec. 5: N$\frac{1}{2}$ Lot 1, W $\frac{1}{2}$ Lot 3, E $\frac{1}{2}$ lot 4; Sec. 6: All 1234.32 acres.		
DATE OF ACTION	ACTION TAKEN	
Feb. 14, 1967 Feb. 16, 1967 MAR 30 1967 May 8, 1967 June 27, 1967 July 10, 1967 July 24, 1967 AUG 15 1968	Petition to open lands to mineral location, entry and patent, in withdrawals for the Middle Gila River Project (AR 017239), power site classification (CL 438), and the San Carlos Indian Irrigation Project (PLO 141). Applicant withdraws N $\frac{1}{2}$, Sec. 3, T. 4 S., R. 12 E., from application. RECEIVED: <i>Surv. Recl.</i> Petition Amended. Order opening land to Mineral Location, Entry and Patent, transmitted to Federal Register for publication. Order Opening Lands to Mineral Location, Entry, and Patent was published in Federal Register July 4, 1967 as Doc. 67-7567, on page 9719, Vol. 32, No. 128. Received notice of change of address. FRC DENVER Acc. # <i>64-A-236</i> Gr. # <i>49</i> Box # <i>373780</i> 373780	

(7/24/67)

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section 35, NW $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$.
T. 4 S., R. 12 E.
~~Sec. 3: N $\frac{1}{2}$~~
Sec. 4: ~~N $\frac{1}{2}$~~ Lots 1, 2, 3, 4;
Sec. 5: ~~Lot 1~~ Lot 1, W $\frac{1}{2}$ Lot 3, E $\frac{1}{2}$ lot 4;
~~Sec. 6: All~~

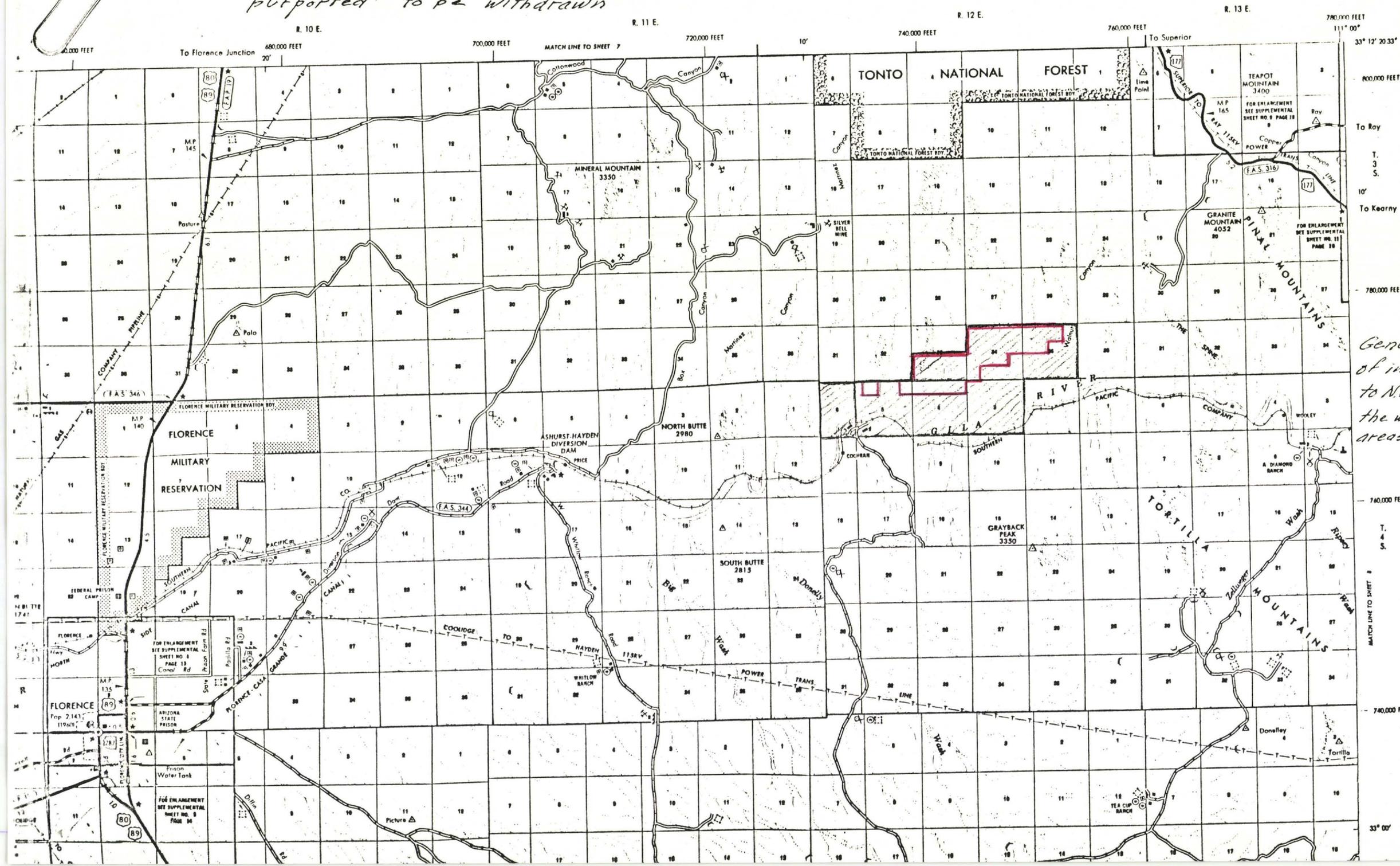
1234.32 acres.

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July 24, 1967	Received notice of change of address.
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over

This map is confidential and indicates NDI area of interest in areas purported to be withdrawn

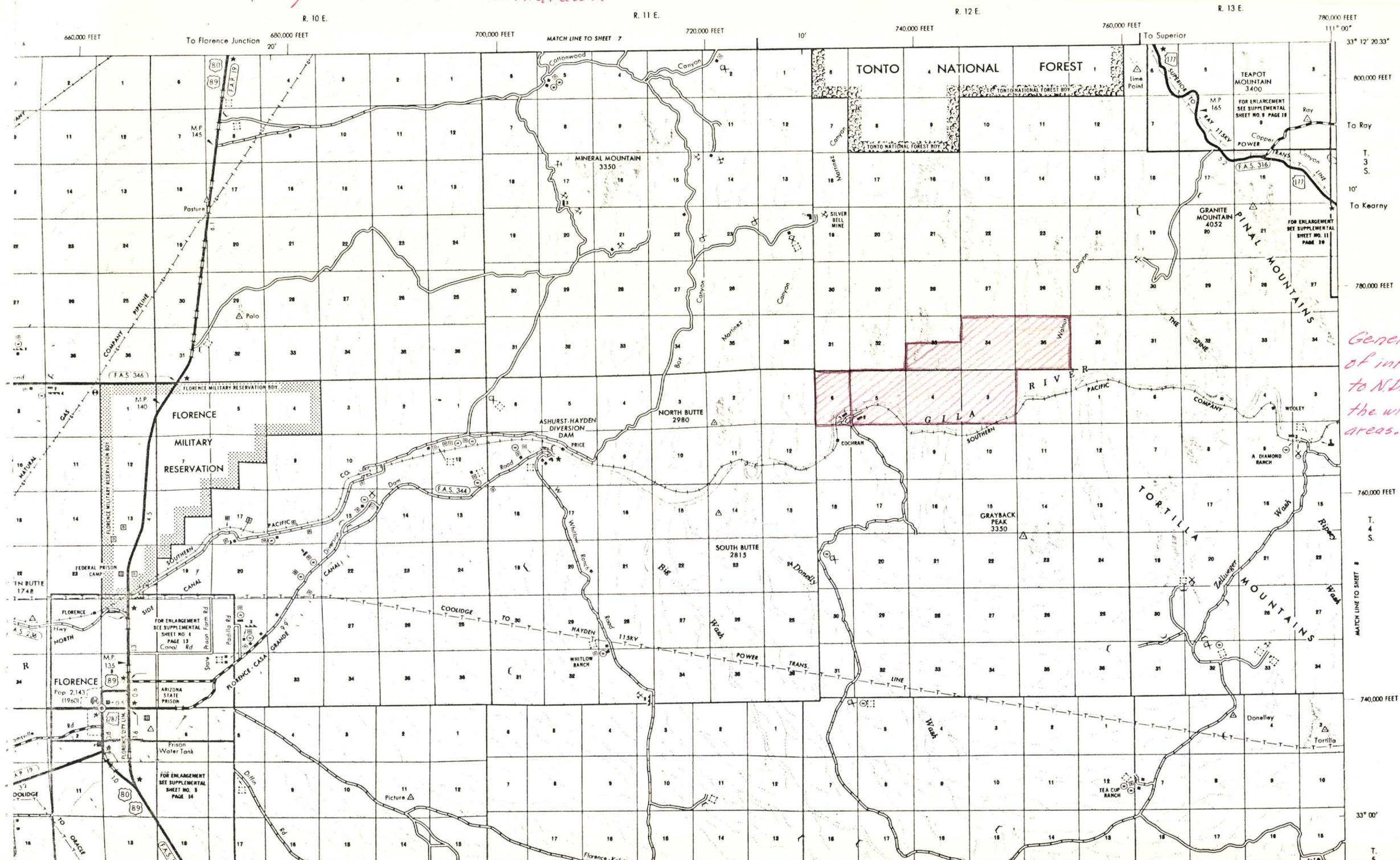
MAP 'X'



General Area of interest to N.D.I. in the withdrawn areas.

This map is confidential and indicates NDI area of interest in areas purported to be withdrawn

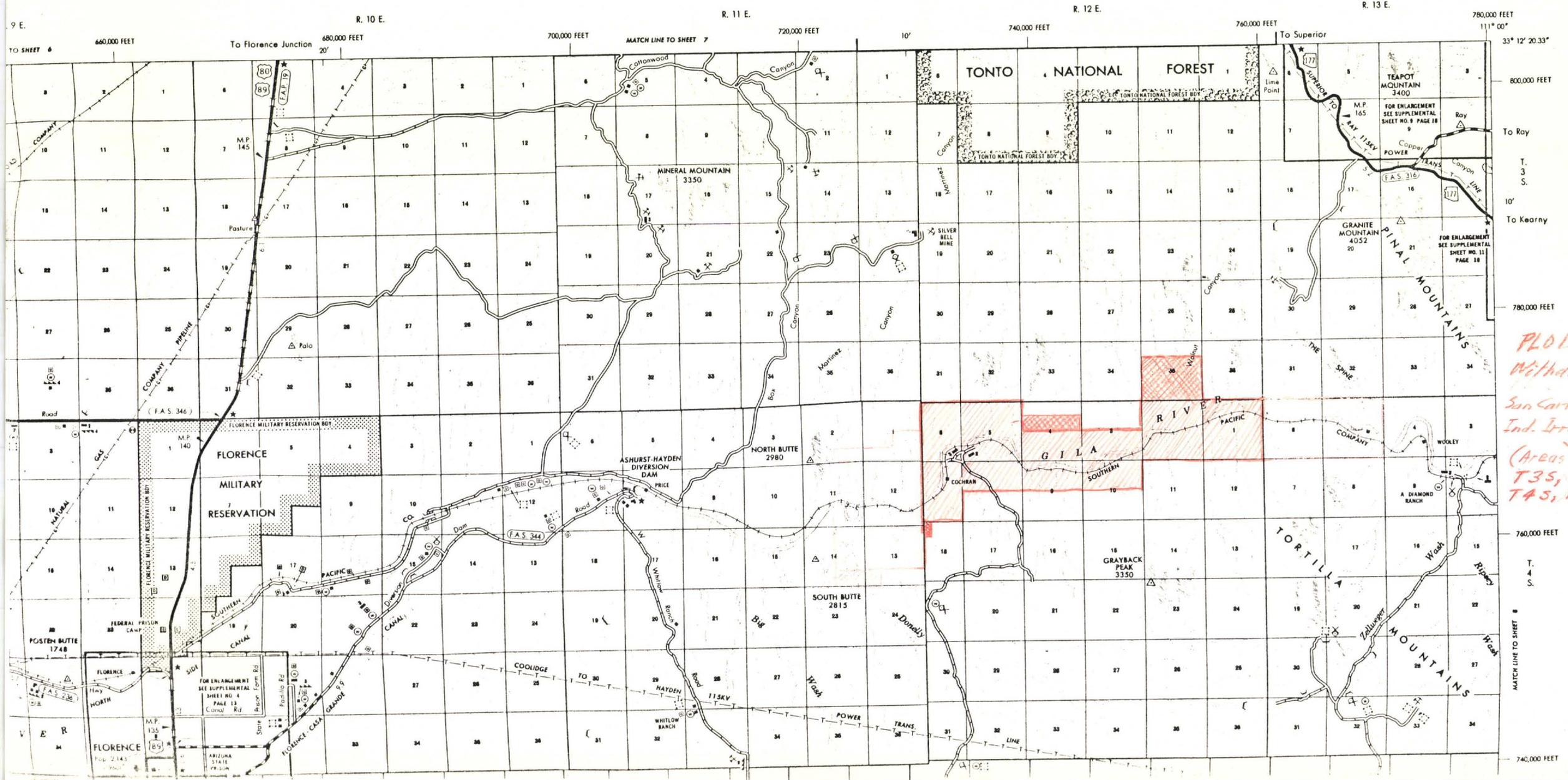
MAP 'X'



General Area of interest to NDI in the withdrawn areas.

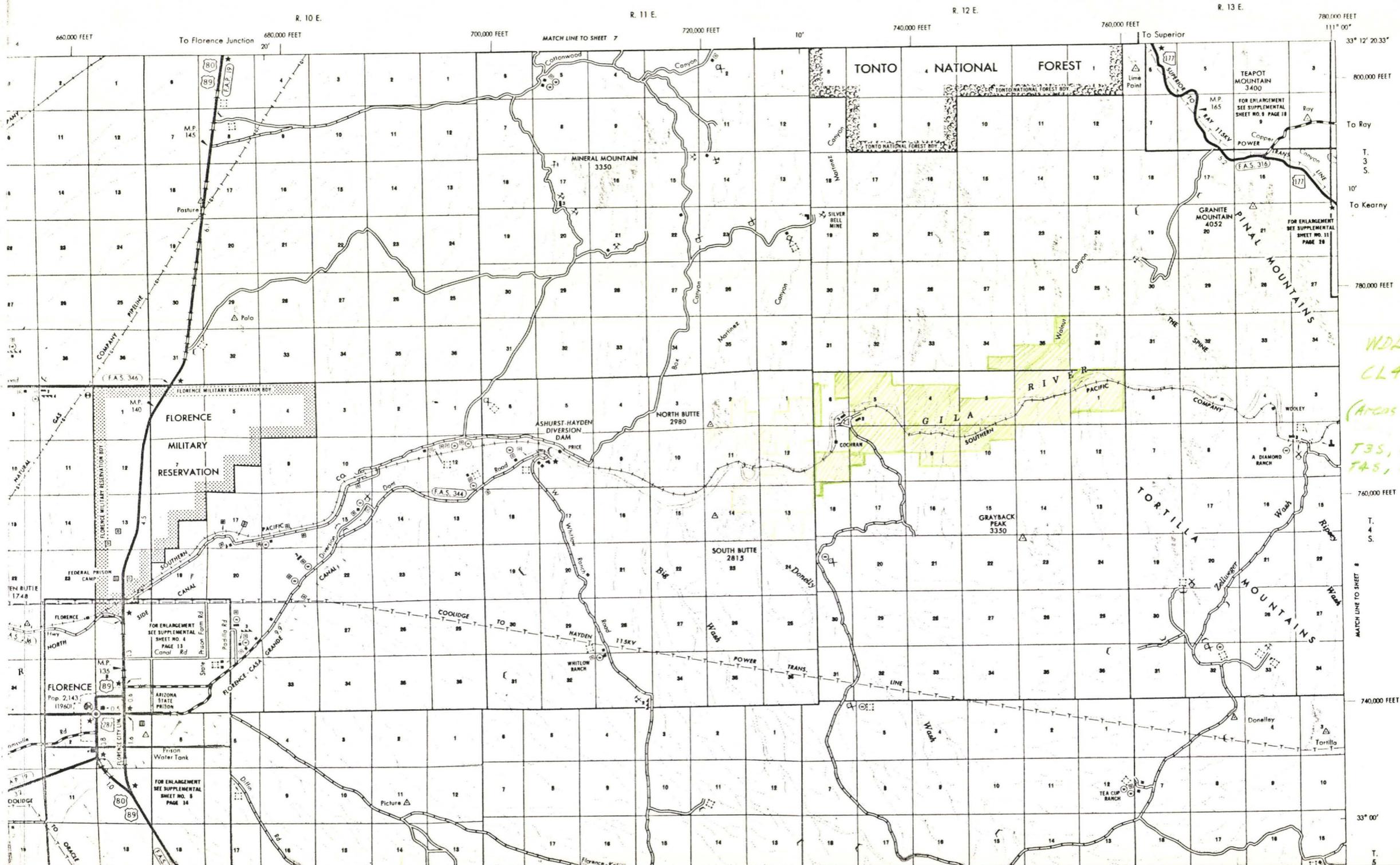
1944079 "K" PLO 141 June 24, 1943 → [Cross-hatched box]
Irrigation 56368-28 (?), 56524-30, ALW; Request for withdrawal 12/19/30 → [Diagonal hatched box]

Map 'A'



PLO 141 and
Withdrawal request
San Carlos
Ind. Irrig. Proj.
(Areas in
T. 3 S, R. 12 E
T. 4 S, R. 12 E)

Map 'B'

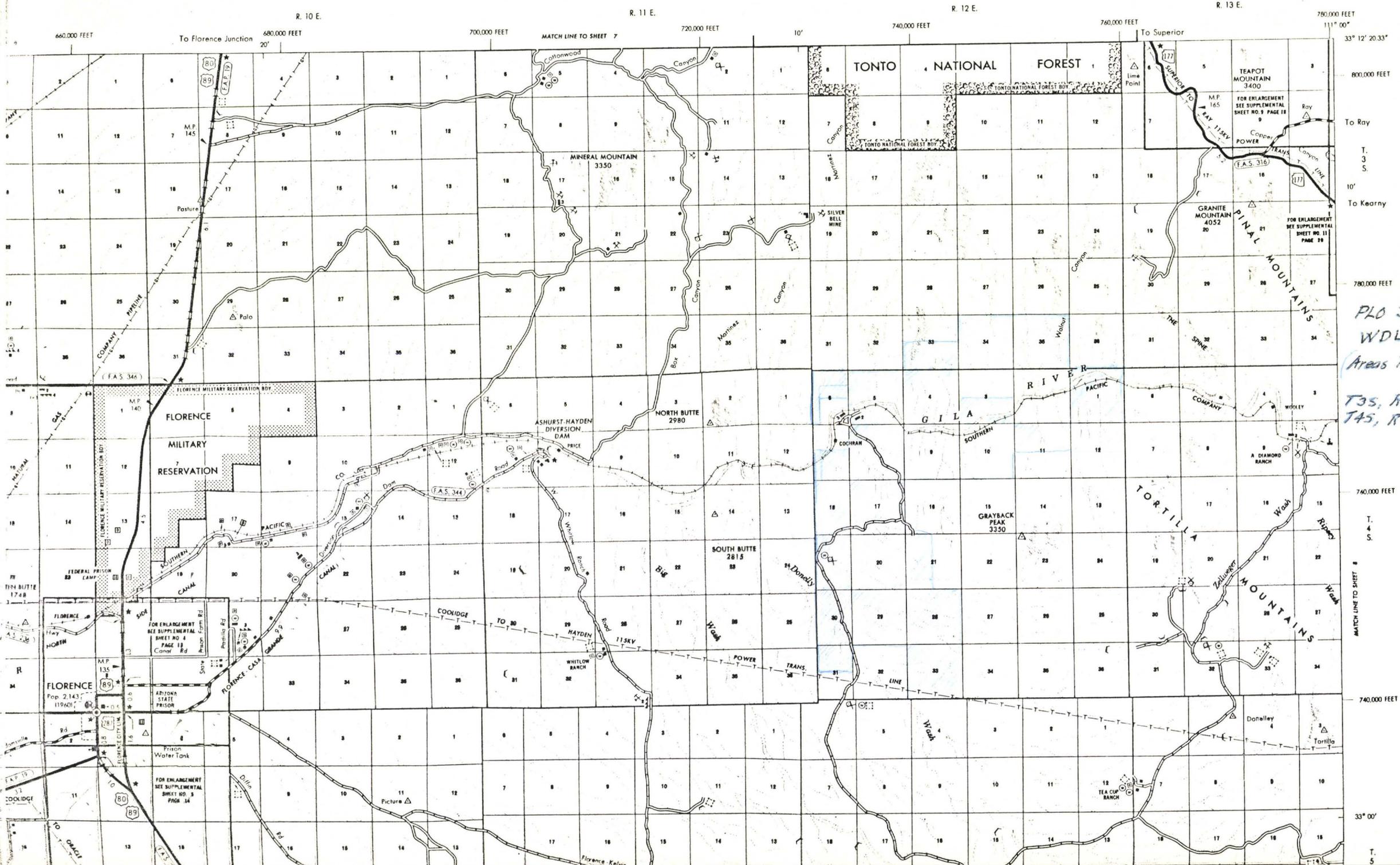


WDL
 CL438
 (Areas in
 T3S, R1E
 T4S, R1E)

MATCH LINE TO SHEET 8

MATCH LINE TO SHEET 9

Map 'C'



PL0 3835
 WDL
 Areas in
 T35, R12E
 T45, R12E

BLM Arizona Phoenix 2.25.71

Pat
S Aelpson
f

Nice man

Plats with index notes are only realistic method of status check they provide all # needed

Status as to in process are in ~~index~~ ^{serial} numerical files by date i.e. serial number assigned as received - no index by type

Why restored - petition by individual, group, ~~etc.~~ ^{company} etc. or not needed by BLM etc (rarely)

~~Attorney~~

Where notice of Restore - Plats & also Federal Register & BLM has file.

All orders pertaining to Arizona BLM matters

can check Fed Register for past openings ~~previously~~

Other in Process - check in serial file only way -

MT Plats are updated as to index sheet with serial on all orders pertaining to lands of T&R

How initiate - petition see particular file case history on Tippeary & also rules booklet

BLM Office Phoenix 2-25-71

In addition to Trippary Resources copies
of which were made. ^{P Francis}

Rocky Mtn Geochem Corp petition
opening lands to Min Entry

A5846

T45 R11E
Sec 15 W²
withdrawn

HH

Wheeler Black Diamond

T235 R11E

9-28-70

mineral contest forest service

A5933

Many contests in T4-55 R 19-20E?
Why

A4576

12-17-70

march 1970 petition

Order Opening Public Lands to Mineral Locations
Entry & Patent

T45 R11E Sec 17 E² 320 acs

Rocky Mtn Geochem Corp

PO Box 2217

Dalt Lake City Utah

James J Johnson

Petition for Rebutation to Min Entry

Minny location

T 7 N R 4 W

Sec 34 NE 4 SW 4

5-7-70

Partial Termination of Classification

T 16 S R 10 E

Sec 1 W SE 4

425.76 ac

State selection

April 21, 1970

Revocation of Withdrawal

T 10 N R 21 E

Sec 14: N²NE⁴SE⁴, SE⁴NE⁴SE⁴

30 ac

Transf out of Federal ownership

1-15-70

F. Cannaday

REPLY
Phoenix

JOE F. WALTON
PRESIDENT

August 25, 1970

R. Lauren Moran, Esq.
Lohf & Barnhill
1201 First National Bank Building
Denver, Colorado 80202

Dear Bob:

This is a hurried note as I am pressed for time to depart my office for a return August 31st.

I was not satisfied with the land report received on the withdrawal properties and sent Mrs. Francis to the Pinal County Court House in Florence for further examination.

Mrs. Francis reports that the Pinal County Recorder has failed to index the mining district in the heart of the area of interest and more particularly has recorded Location Notices in the critical portion of Section 4 under adjoining mining districts.

We find that a Texas corporation through an agent holds claims and the agent holds additional claims in the locale of our greatest interest. We plan to meet with the agent in the near future. Rumor has it that he started an operation and was warned off the property by some agency of the federal government. Our man in the field found evidence of both mining and recovery activities and their abandonment, but no monumenting. The misfiled records show location of 60 odd claims by the agent for himself and his principal in 1955 and the filing of annual assessment work through 1969.

Hold up on withdrawal search pending further advise. I feel sure that we will be able to negotiate with the claimants, but that we should 'take their temperature' before going forward.

Very truly yours,

NUCLEAR DYNAMICS, INC.

Joe F. Walton
Joe F. Walton, President

JFW/cs

F. CANNADAY

LOHF & BARNHILL

ATTORNEYS AT LAW

1201 FIRST NATIONAL BANK BUILDING
DENVER, COLORADO 80202
303 623-5224

ERNEST W. LOHF
KENNETH E. BARNHILL, JR.
R. LAUREN MORAN

ROBERT SHAIMAN

July 24, 1970

Mr. Joe F. Walton, President
Nuclear Dynamics, Inc.
Post Office Box 20766
Phoenix, Arizona 85036

Dear Joe:

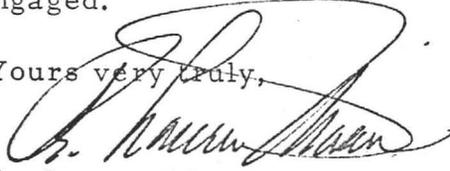
I am sure that you and the others in your organization have been following the proceedings of the Public Land Law Review Commission rather closely and know that the Commission has submitted its report. Possibly you were present at the discussion in Albuquerque and heard the comments made by persons working with and as a part of the Commission.

It seems to be reasonably certain that legislation will be proposed to Congress in its coming session with respect to mining claims, that such legislation will evoke a considerable amount of controversy and that, eventually, new legislation reasonably substantial in nature will be enacted.

While predictions on this subject are, at best, speculative, I anticipate the standing of mining properties will be materially affected and that rights presently available under mining law and rights which can be acquired under mineral patent will be very substantially diluted. I further expect that some provision will be made which will require claims presently existing to be qualified under or brought within the scope of the effect of any such legislation. Under these circumstances, it seems to me most advisable that any organization review in some detail the status of all mining claims held by it, place such claims in as good condition as is possible and implement that condition by documentary evidence and that, if any claims are sufficiently meritorious to justify patent proceedings, such proceedings be initiated at the earliest possible date, to the end that rights may be obtained under existing law.

This is in the nature of a gratuitous and unsolicited opinion and recommendation. I hope that you will understand that, in thus expressing it to you, I do so only because of my long acquaintance with Bob Ford and my interest in projects in which he is actively engaged.

Yours very truly,


R. Lauren Moran

RLM:ld

cc: Mr. Robert B. Ford

cc: Paige, K. Boltz

F. CANNADAY

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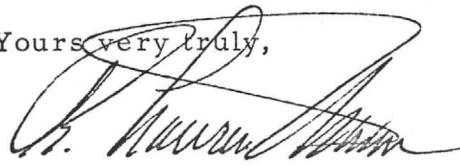
Dear Joe:

Receipt is acknowledged of your letter of July 20, 1970, together with the attached enclosures. I appreciate the kind comments of Bob Ford and Kelsey Boltz; they, particularly Bob, have often mentioned you in the most favorable terms, and I look forward to the opportunity to develop further acquaintance with you.

With reference to the concerned material, I shall make preliminary review of it and attempt to make some determination of the problems involved. When that has been done, I will be in touch with you by telephone.

Thank you very much for forwarding this material and for the expression of confidence implicit in your action. I look forward to working with you people and sincerely hope that you will not regret the choice made.

Yours very truly,



R. Lauren Moran

RLM:ld

cc: Paige, K. Boltz

*to be filed along
with the projects
with the grants
that you are handling*

LOHF & BARNHILL
ATTORNEYS AT LAW

1201 FIRST NATIONAL BANK BUILDING
DENVER, COLORADO 80202
303 623-5224

ERNEST W. LOHF
KENNETH E. BARNHILL, JR.
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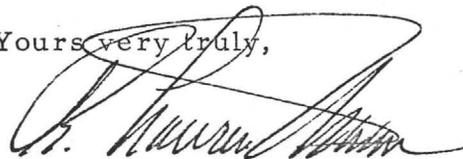
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cc: Paige, K. Boltz

FEDERAL REGISTER

Washington, Thursday, June 24, 1943.

Vol. 8 No. 124

Pages 8686 - 87

General Land Office.
(Public Land Order 141)

1944079

Arizona

Withdrawal of Public Lands for use in
connection with San Carlos Indian
Irrigation Project

By virtue of the authority vested in the
President and pursuant to Executive Or-
der No 9337 of April 24, 1943: It is or-
dered, as follows:

Subject to valid existing rights, the
following described public lands are
hereby withdrawn from all form of ap-
propriation under the public land laws,
including the mining and mineral-lea-
sing laws, and reserved under the jurisdic-
tion of the Secretary of the Interior for
use in connection with the San Carlos
Indian Irrigation Project:

Gila and Salt River Meridian

T. 4 S, R. 11 E.

Sec. 13, SW $\frac{1}{4}$ SW $\frac{1}{4}$;

Sec. 14, S $\frac{1}{2}$ SE $\frac{1}{4}$.

T. 8 S, P. 12 E.

Sec. 25, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$.

T. 4 S, R. 12 E.

Sec. 4, S $\frac{1}{2}$ N $\frac{1}{2}$;

Sec. 18, lot 1

T. 4 S, R. 13 E.

Sec. 1, SW $\frac{1}{4}$ SW $\frac{1}{4}$;

Sec. 3, S $\frac{1}{2}$ S $\frac{1}{2}$;

Sec. 4, lots 1, 2, 3, 4, S $\frac{1}{2}$ N $\frac{1}{2}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$.

NE $\frac{1}{4}$ SE $\frac{1}{4}$; S $\frac{1}{2}$ S $\frac{1}{2}$;

Sec. 9, lots 1, 2, N $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$;

Sec. 12, lot 2, NW $\frac{1}{4}$ NW $\frac{1}{4}$.

The areas described aggregated 913.57 acres

The Commissioner of the General Land Office shall continue to administer the lands for grazing purposes under section 15 of the Taylor Grazing Act (48 Stat. 1269).

This order shall take precedence over, but shall not rescind or revoke, the withdrawal for classification and other purposes made by Executive Order No. 6910 of November 26, 1934, as amended, so far as such order affects the above-described lands.

Art Fortas

Acting Secretary of the Interior.

June 16, 1943.

(F.R. Doc. 43-10020: Filed June 23, 1943:
9:24 am.)

(Note: Lands described herein are designated by orange double cross-hatch on Map 'A')

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Gila River, Arizona
POWER SITE CLASSIFICATION NO. 438

Pursuant to authority vested in me by the act of March 3, 1879 (20 Stat. 394; 43 U.S.C. 31), and by Departmental Order No. 2333 of June 10, 1947 (43 C.F.R. 4.623; 12 F. R. 4025), the following described land is hereby classified as power sites insofar as title thereto remains in the United States and subject to valid existing rights; and this classification shall have full force and effect under the provisions of sec. 24 of the act of June 10, 1920, as amended by sec. 211 of the act of August 26, 1935 (16 U.S.C. 818):

(Land descriptions partially omitted as
outside of NDI area of interest)

T. 3 S., R. 12 E.,
sec. 34, S $\frac{1}{2}$ SE $\frac{1}{4}$;
sec. 35, E $\frac{1}{2}$ NE $\frac{1}{4}$ and S $\frac{1}{2}$;
sec. 36, S $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, and E $\frac{1}{2}$ SE $\frac{1}{4}$.

T. 4 S., R. 12 E.,
sec. 1, lots 1, 2, 3, 4, S $\frac{1}{2}$ N $\frac{1}{2}$, and N $\frac{1}{2}$ S $\frac{1}{2}$;
sec. 2;
sec. 3, S $\frac{1}{2}$;
sec. 4, S $\frac{1}{2}$ N $\frac{1}{2}$ and S $\frac{1}{2}$;
sec. 5, lots 2, 3, 4, S $\frac{1}{2}$ N $\frac{1}{2}$, and S $\frac{1}{2}$;
sec. 6, lots 1, 4, 5, 6, and SE $\frac{1}{4}$ NE $\frac{1}{4}$;
sec. 7, lots 3, 4, and SE $\frac{1}{4}$;
sec. 8, N $\frac{1}{2}$, and NW $\frac{1}{4}$ SW $\frac{1}{4}$;
sec. 9, N $\frac{1}{2}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, and N $\frac{1}{2}$ SE $\frac{1}{4}$;
sec. 10, N $\frac{1}{2}$ NE $\frac{1}{4}$ and NW $\frac{1}{4}$;
sec. 18, lot 1.

The area described is estimated to aggregate 24,608
acres, 19,409 acres of which are surveyed.

/S/ Thomas B. Nolan
Director

Date: November 16, 1956

Copy to: BLM, Wash., D. C.
BLM, Phoenix, Arizona

(Note: Lands described herein are designated
in green outline on Map 'B')

Irrigation
56368-28
56524-30
ALW

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF INDIAN AFFAIRS
WASHINGTON

Received Stamped (D of I Jan.24,1931)

Dec. 17, 1930

The Honorable

The Secretary of the Interior.
(Through the Commissioner of the General Land Office).

Sir:

In order to protect the interests of the Indians and the United States in connection with the San Carlos Reservoir and San Carlos Projects in Arizona, it is requested that the following described public lands in the State of Arizona be withdrawn from settlement, entry, sale, or other dispositions, and set apart for use in connection with the San Carlos Indian Irrigation Project, such withdrawal being subject to any existing prior rights, in accordance with the provisions of the Act of Congress of June 25, 1910 (Se Stat. L., 847), as amended by the Act of August 24, 1912 (37 Stat. L. 497):

Gila and Salt River Meridian, Arizona.

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Subdivision</u>
4 South	11 East	11	Lots 1,2,3,8 & 9 & SE/4 & NE/4
" "	" "	12	All
" "	" "	13	N/2 & N/2 & S/2
" "	" "	14	NE/4 & N/2 & SE/4
" "	" "	1	S/2 SW/4 and SE/4
" "	" "	2	S/2 SE/4
4 South	12 East	1	All
" "	" "	2	All
" "	" "	3	S/2
" "	" "	4	S/2
" "	" "	5	All
" "	" "	6	All
" "	" "	7	All
" "	" "	8	N/2
" "	" "	9	N/2
" "	" "	10	N/2
" "	13 "	5	All
" "	" "	6	All

Gila and Salt River Meridian,
Arizona (continued)

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Subdivision</u>
5 South	15 East	12	SE/4
" "	" "	13	S/2 ← might be E/2
" "	" "	24	NE/4
4 South	16 East	28	All
5 South	" "	T	All

If these recommendations meet with Department approval the necessary steps will then be taken to present the matter to the President for appropriate action pursuant to the statutes mentioned.

Respectfully,
S/S _____
Commissioner.

General Land Office,
Washington, D. C.

There are no reservations or withdrawals affecting the land above described and there are no reasons appearing in the records of the General Land Office why these lands should not be withdrawn as requested.

S/S _____
Assistant Commissioner.

Department of the Interior
Office of the Secretary

Jan. 24, 1931

Approved subject to the prior entries set out in the attached memorandum from the General Land Office.

First Assistant Secretary

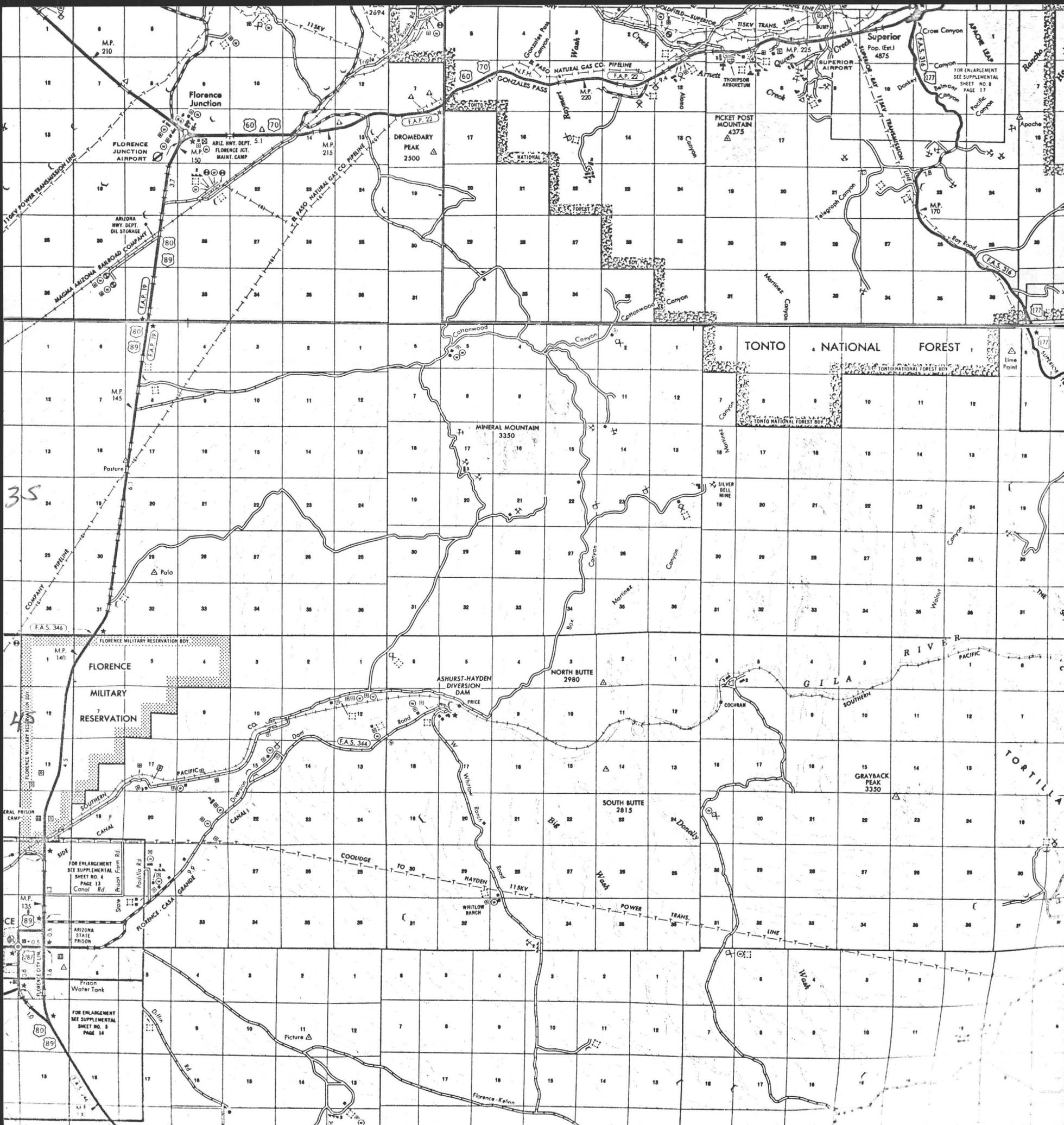
March 24, 1931

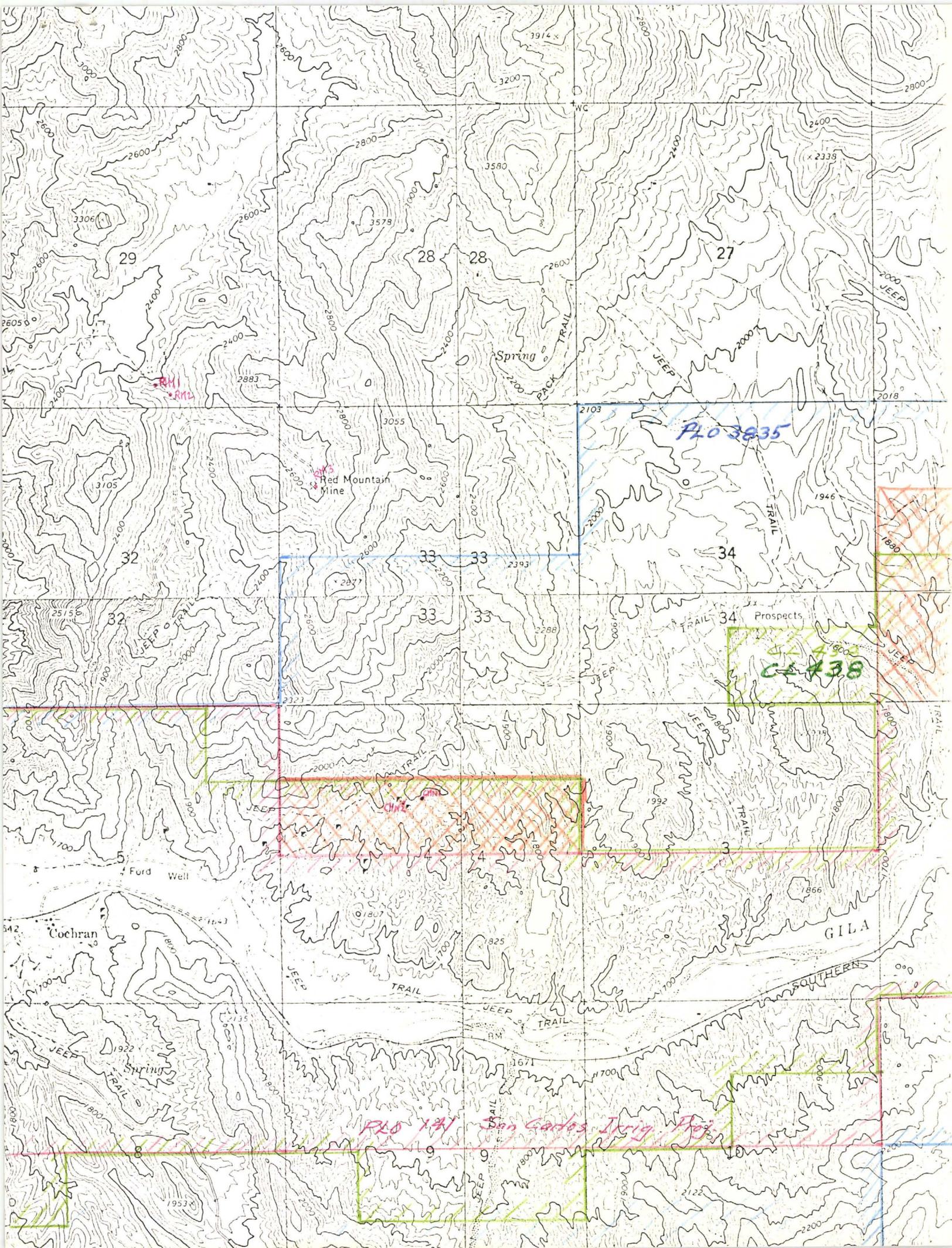
12-5-30-mes

The commissioner of the General Land Office will note that the lands involved are hereby temporarily withdrawn on this date from all forms of appropriation, subject to any prior valid rights or claims.

S/S _____
First Assistant Secretary.

(NOTE: Lands described herein are designated in Orange Outline on map "A")





29

28

27

RM1
RM2

Red Mountain Mine

PLO 3835

32

33

34

C-438

Furd Well

Cochran

GILA

SOUTHERN

PLO 181

San Carlos Irrig. Proj.

9

10

SKYLINE LABS, INC.

SPECIALISTS IN GEOCHEMICAL EXPLORATION

12090 WEST 50TH PLACE, WHEAT RIDGE, COLORADO 80033 TEL.: (303) 424-7718

REPORT OF ANALYSIS

Job No. 42033

July 6, 1970

Nuclear Dynamics, Inc.
P. O. Box 20766
Phoenix, Arizona 85034

Attention: Mr. Francis X. Cannaday

11 Rock chip samples

Item	Sample No.	Ag (ppm)	Cu (ppm)	Mo (ppm)
1.	CHN 1	<.2	50	2
2.	CHN 2	4.4	1750	2
3.	MM 1	<.2	100	2
4.	2	<.2	10	2
5.	3	<.2	10	2
6.	4	<.2	30	2
7.	5	<.2	5	4
8.	MM 6	<.2	5	2
9.	RM 1	<.2	10	2
10.	2	<.2	35	2
11.	RM 3	1.0	850	8

for Edwin V. Post
Charles E. Thompson
Chief Chemist



~~Get all their location notices.~~

If assessment work was
done for TW, Plugs,
F get copies
of notices

Go over all
Assessment
for 90
& Drilling Book

Aug 1 1970 to May 1?, 1971

Bring Cochran area data,
up to date. (any new locations
Buckeyes 1-30. See Acton Dec 16 '70.)

see copies
1. Find out if (B. C. or K.) ^{was done}
assessment work for '70
on T.W. Plugs and Sues.
if so copy for map making
and/or J. L. Bates.

2. Find out if (A. Krenn) ^{was done}
assessment work for '70 on
Pioneers, and Big Loes.

✓ see copies
3. Find out if (Gibbs or others) ^{was done}
assessment work for
Red Mountains.

(over)
~~4. Find out where the
Bear Creek claim are. (over)~~

Cochran

Cannaday

MEMORANDUM

Re: Land Withdrawal Matter

Ms. Dale

4/7/71 - Called Roy Elson with regard to top B.L.M. personnel to contact concerning opening of public lands to mineral location, entry and patent.

Bureau of Reclamation

4/8/71 - 8:00 p.m. Elson called to state that first contact should be made through Clifford Pugh, #261-3106. Pugh is entirely familiar with the withdrawal obtained by Hamilton E. McGrey III for Tipperary Resources Corporation and has been advised of my close relationship with ex-Senator Carl Hayden. Pugh has indicated that he will cooperate fully and favorably as to any requested withdrawal which does not actively interfere with planned power, irrigation or other Federal or Indian development.

Not able to contact Pugh Friday morning, the 9th a.m., or this date, 4/12/71, and will call at approximately 2:30 p.m.

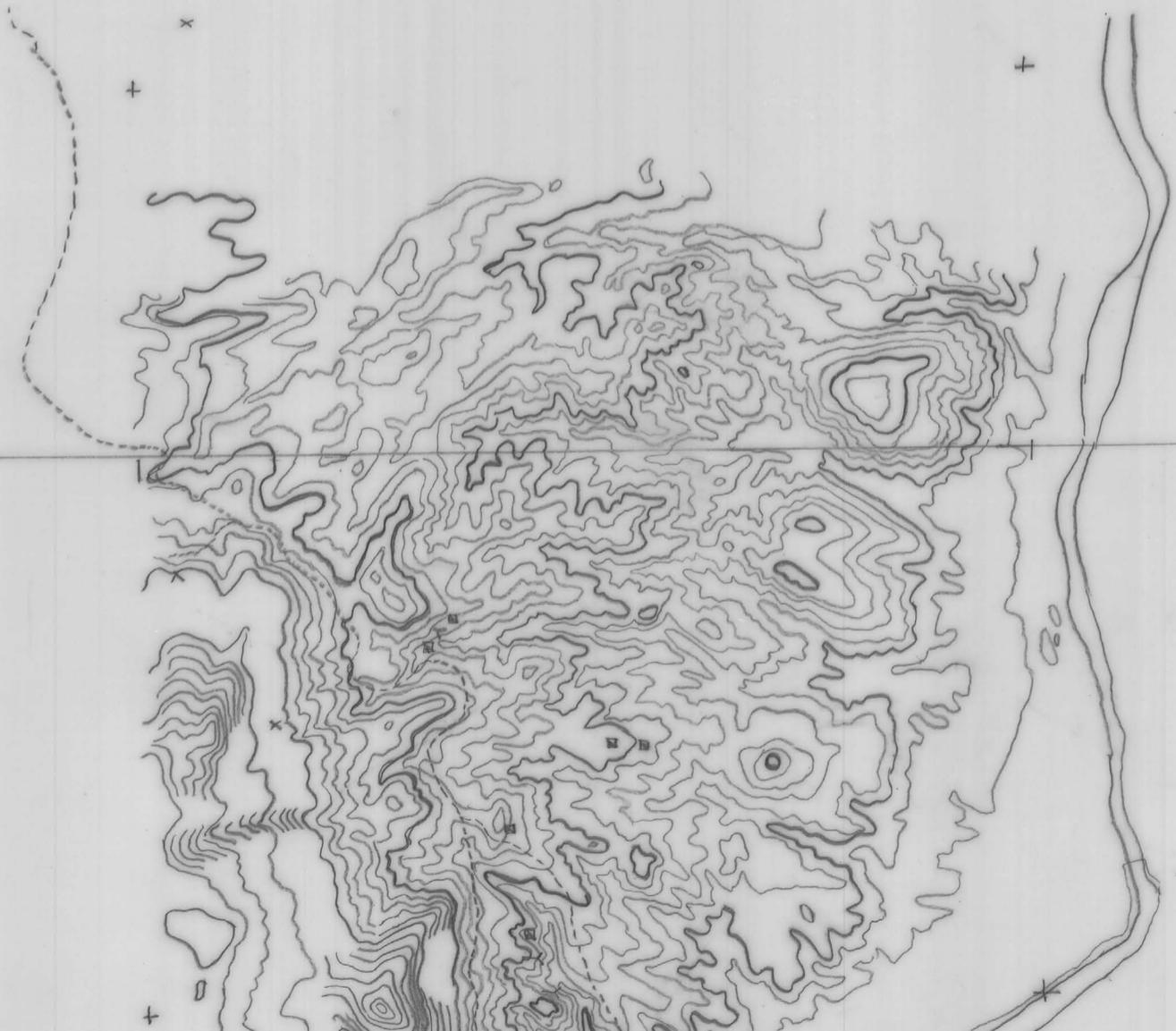
Need a map of the area showing township and range and with the area of interest outlined. Suggest that this area of interest include full sections though our interest may be fractional.

4/12/71 - Talked with Mr. Pugh 3:30 p.m. this date. He is most cordial. I gave him the general area of our interest and he will have his landman prepare a file and will be ready to discuss this on appointment any day next week. I am to make an appointment by telephone Friday or Monday.

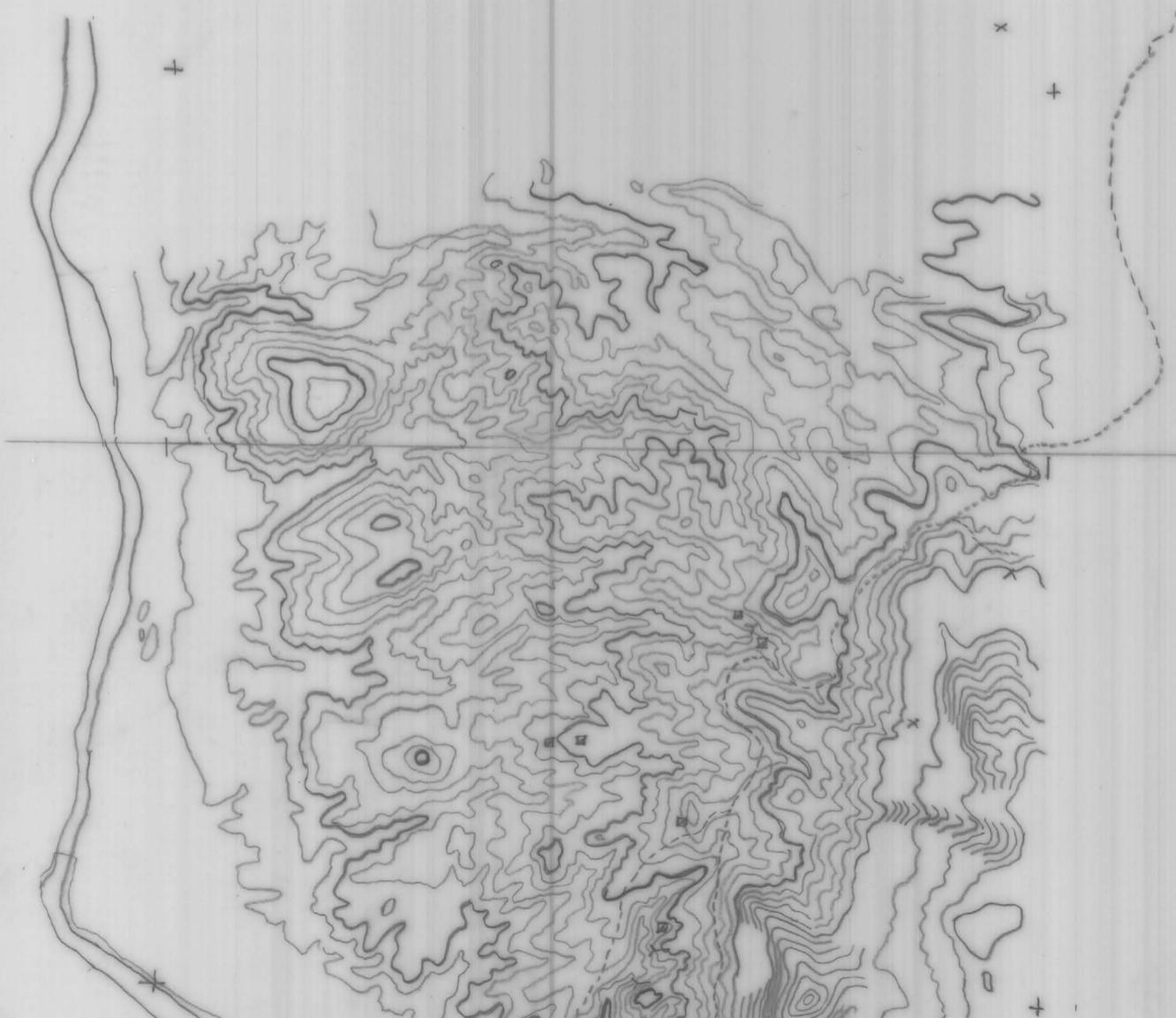
JFW

Y X

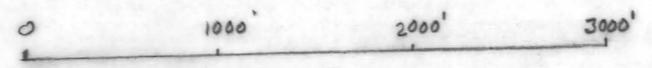
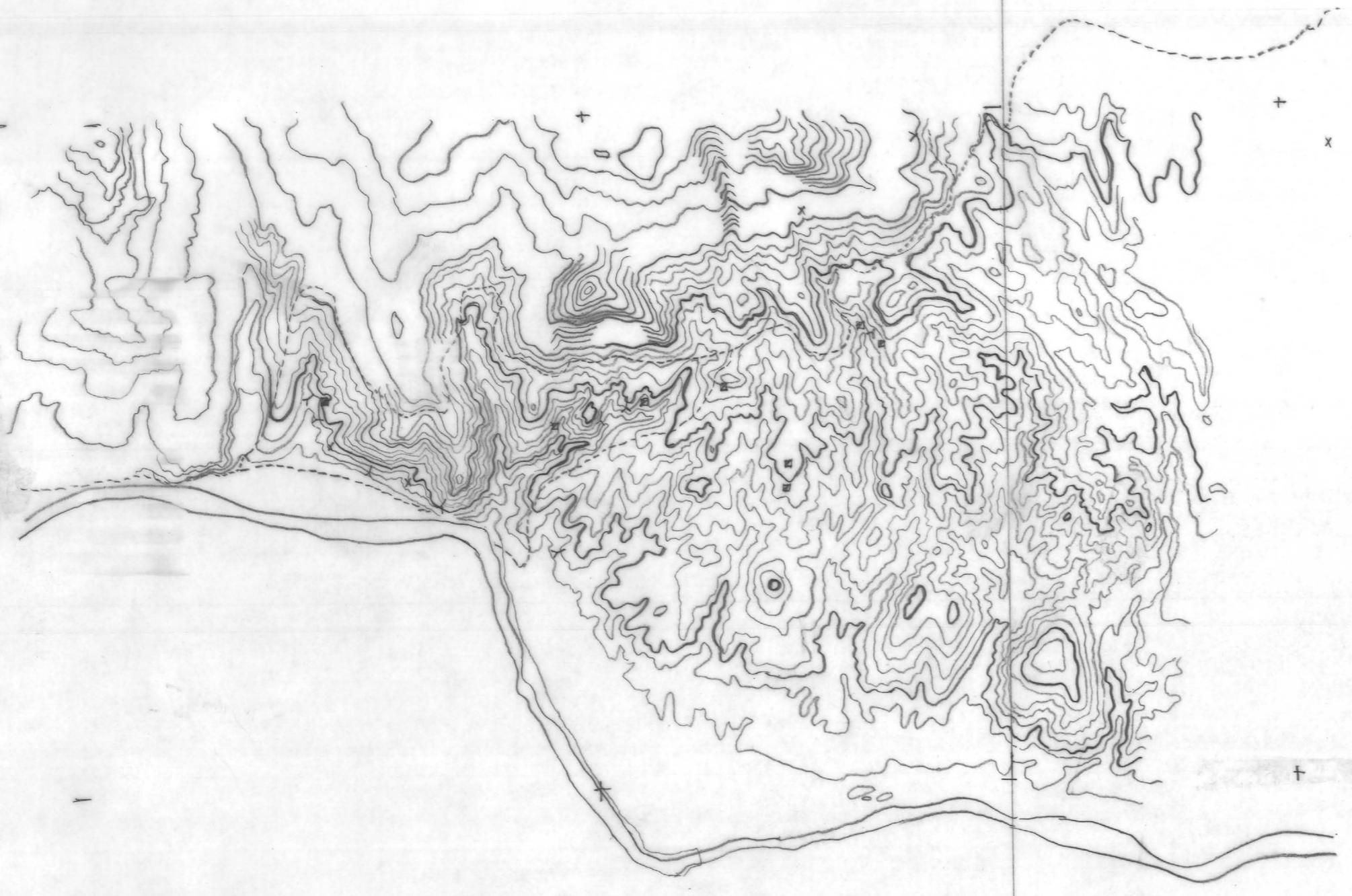
X X



0 1000 5000 2000



x x
x x



Y X
X
X

file: Cochran

Boltz

MEMORANDUM

Mrs. Bole

Re: Land Withdrawal Matter

4/7/71 - Called Roy Elson with regard to top B.L.M. personnel to contact concerning opening of public lands to mineral location, entry and patent.

Bureau of Reclamation

4/8/71 - 8:00 p.m. Elson called to state that first contact should be made through Clifford Pugh, #261-3106. Pugh is entirely familiar with the withdrawal obtained by Hamilton E. McGrey III for Tipperary Resources Corporation and has been advised of my close relationship with ex-Senator Carl Hayden. Pugh has indicated that he will cooperate fully and favorably as to any requested withdrawal which does not actively interfere with planned power, irrigation or other Federal or Indian development.

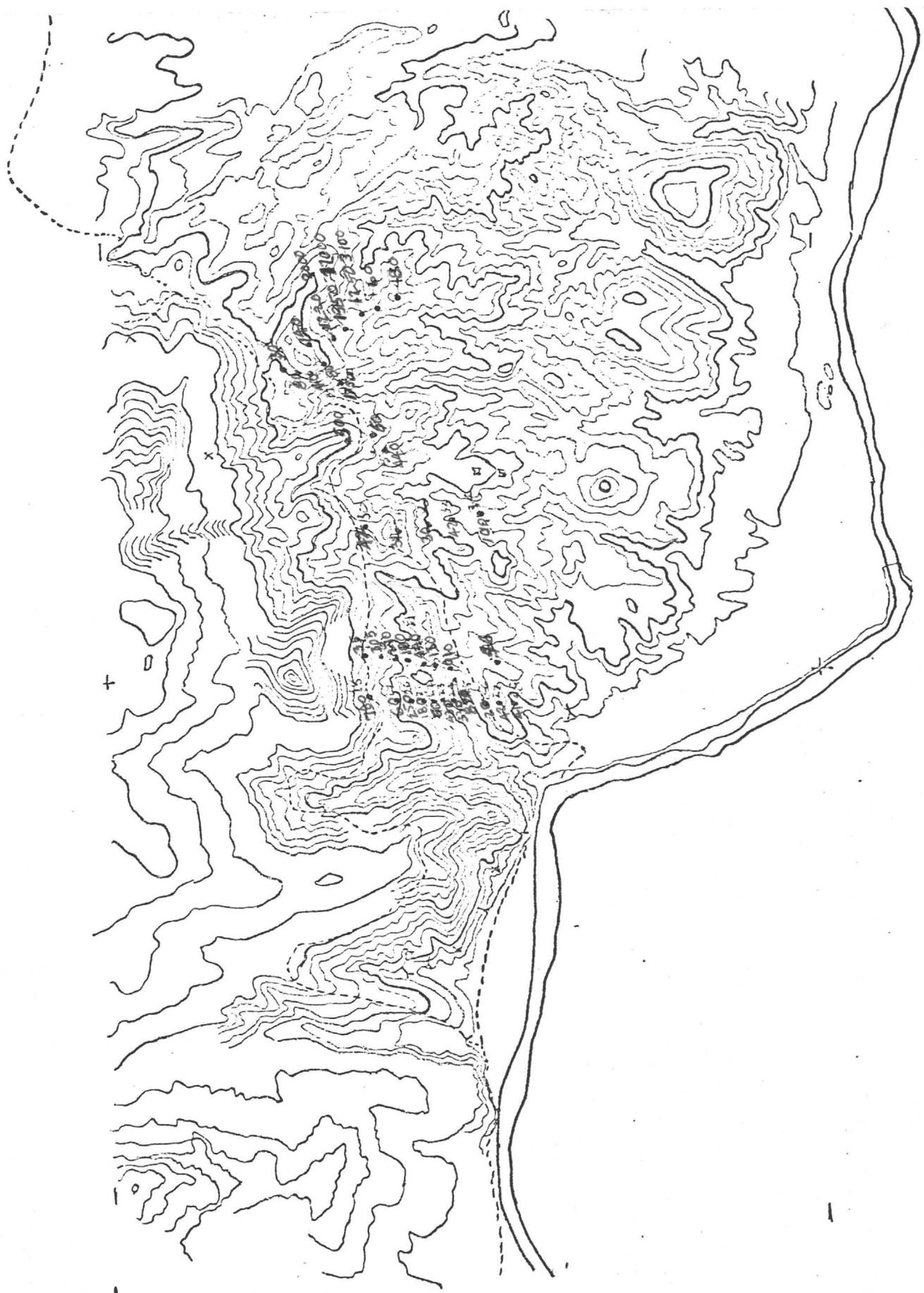
Not able to contact Pugh Friday morning, the 9th a.m., or this date, 4/12/71, and will call at approximately 2:30 p.m.

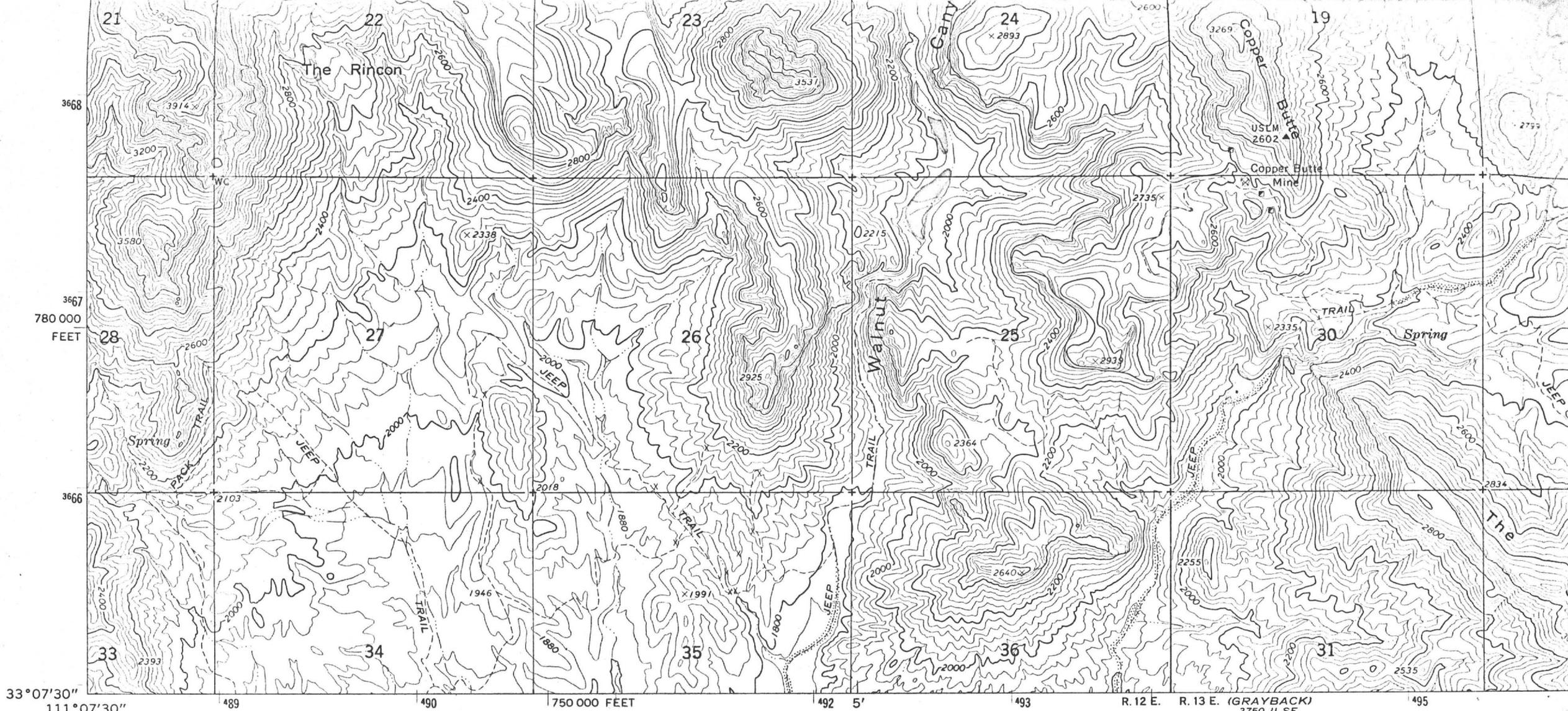
Need a map of the area showing township and range and with the area of interest outlined. Suggest that this area of interest include full sections though our interest may be fractional.

4/12/71 - Talked with Mr. Pugh 3:30 p.m. this date. He is most cordial. I gave him the general area of our interest and he will have his landman prepare a file and will be ready to discuss this on appointment any day next week. I am to make an appointment by telephone Friday or Monday.

gfw







NORTH BUTTE
3750 II SW

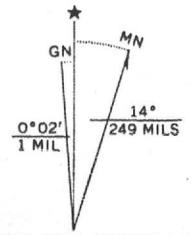
Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

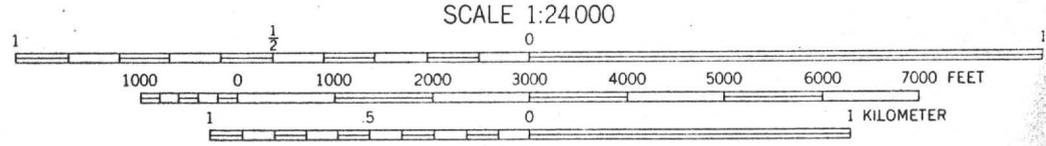
Topography by photogrammetric methods from aerial photographs taken 1962. Field checked 1964

Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Fine red dashed lines indicate selected fence lines



UTM GRID AND 1964 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, U. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

T. 3 S
T. 4 S

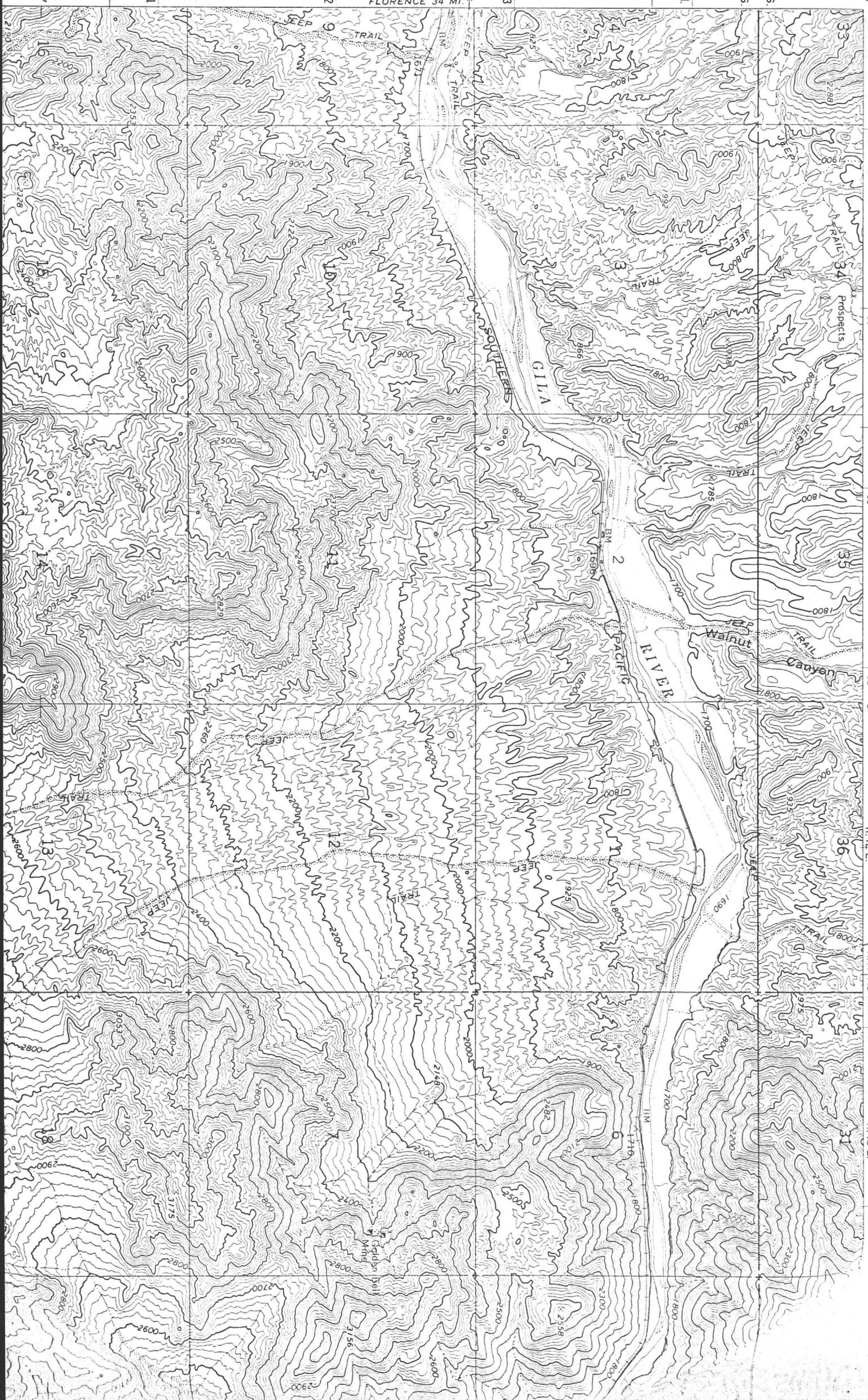
3664000m N

FLORENCE 34 MI. ↑

3662

3663

5'





Cochran



CHN 1 schist oxidized - CuCO_3 Cochran
CHN 2 ~~schist~~ Altered argillized ~~schist~~ silicified Cochran

RM 1 Red Mt. North of Cochran 2 m. sch.
RM 2 Red Mt. " " " "
RM 3 Red Mt. " " " Mn mine

MM 1 } Mammoth
MM 2 } Claims
MM 3 } Vein zone south side of sec. 25

MM 4 } (Yavapai schist
MM 5 } { Oxidized, altered rhyolitic flow } { NE cor
MM 6 } { Fresh, unaltered rhyolitic flow } { Sec 1
South of Mammoth Claims T7N R5W

Sent for Ag, Cu, Mo.

Item	Sample No.	Ag (ppm)	Cu (ppm)		Mo (ppm)	
26.	CHN-36	<.2	85	90 80	12	7
27.	37	<.2	60	75 43	8	8
28.	38	<.2	60	45 80	2	5
29.	39	<.2	130	115 140	2	2
30.	40	.2	2000	2000 1220	2	3
31.	41	<.2	3100	3100 1250	2	2
32.	42	<.2	55	55 60	2	3
33.	43	<.2	60	40 80	2	2
34.	44	<.2	12,000	12000 1350	2	1
35.	45	<.2	350	255 440	<2	2
36.	46	<.2	70	85 55	2	2
37.	CHN-47	<.2	450	405 500	2	2
38.	SB-2 Mesq.-165	*		175	24	
39.	166	*		230	30	
40.	172	*		135	8	
41.	173	*		185	24	
42.	174	*		205	24	
43.	176	*		215	12	
44.	178	*		180	16	
45.	185	*		175	8	
46.	187	*		120	12	
47.	189	*		125	6	
48.	193	*		180	30	
49.	SB-2 Mesq.-196	*		175	8	

*Analysis not requested

Charles E. Thompson
 Charles E. Thompson
 Chief Chemist

Copy to: Nuclear Dynamics, Inc.
 Prescott, Arizona

SKYLINE LABS, INC.

SPECIALISTS IN GEOCHEMICAL EXPLORATION

12090 WEST 50TH PLACE, WHEAT RIDGE, COLORADO 80033 TEL.: (303) 424-7718

REPORT OF ANALYSIS

Job No. 42034
July 17, 1970

Nuclear Dynamics, Inc.
P. O. Box 20766
Phoenix, Arizona 85036

37 Pulp and 12 Plant Ash Samples

Item	Sample No.	Ag (ppm)	Cu (ppm)	Mo (ppm)	
1.	CHN-11	<.2	¹²²⁰ 610	310 910	12 19
2.	12	<.2	115	95 130	2 4
3.	13	<.2	290	140 440	2 3
4.	14	<.2	155	130 180	6 8
5.	15	<.2	280	290 270	4 5
6.	16	<.2	305	305 305	8 8
7.	17	<.2	100	165 35	6 6
8.	18	<.2	790	800 780	8 5
9.	19	<.2	60	60 59	4 3
10.	20	<.2	155	60 250	2 3
11.	21	<.2	205	230 180	2 4
12.	22	<.2	120	185 59	8 6
13.	23	<.2	425	425 430	2 1
14.	24	<.2	280	225 330	4 4
15.	25	<.2	75	70 82	2 2
16.	26	<.2	15	10 20	6 5
17.	27	<.2	50	60 42	6 5
18.	28	<.2	35	25 41	6 5
19.	29	<.2	85	125 46	4 3
20.	30	<.2	110	175 42	12 10
21.	31	<.2	25	25 31	2 6
22.	32	<.2	20	10 30	2 N
23.	33	<.2	70	100 42	2 2
24.	34	<.2	90	85 100	2 1
25.	CHN-35	<.2	45	60 33	2 3

ARIZONA-PINAL CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

3750
(TEAPO)

R. 11 E. 10' 485 R. 12 E. 486 487 740 000 FEET 488 111°07'30" 33°07'30"



T. 3 S.
T. 4 S.

3664
770 000
FEET
*Conglomeration?
locally*

3663

3662

3661

3660

3659

5'

Cochran

July 2
Taken July 1st

Chr 11 Schist

12 Schist

13 Sch

14 Sch

15 Soil

16 Soil

17 Soil

18 Soil

19 Soil

20 Soil

21 Schist

22 Sch

23 Sch.

24 Sch.

25 Grn. PE

26 Grn. PE

27 Soil

28 Grn.

Cochran

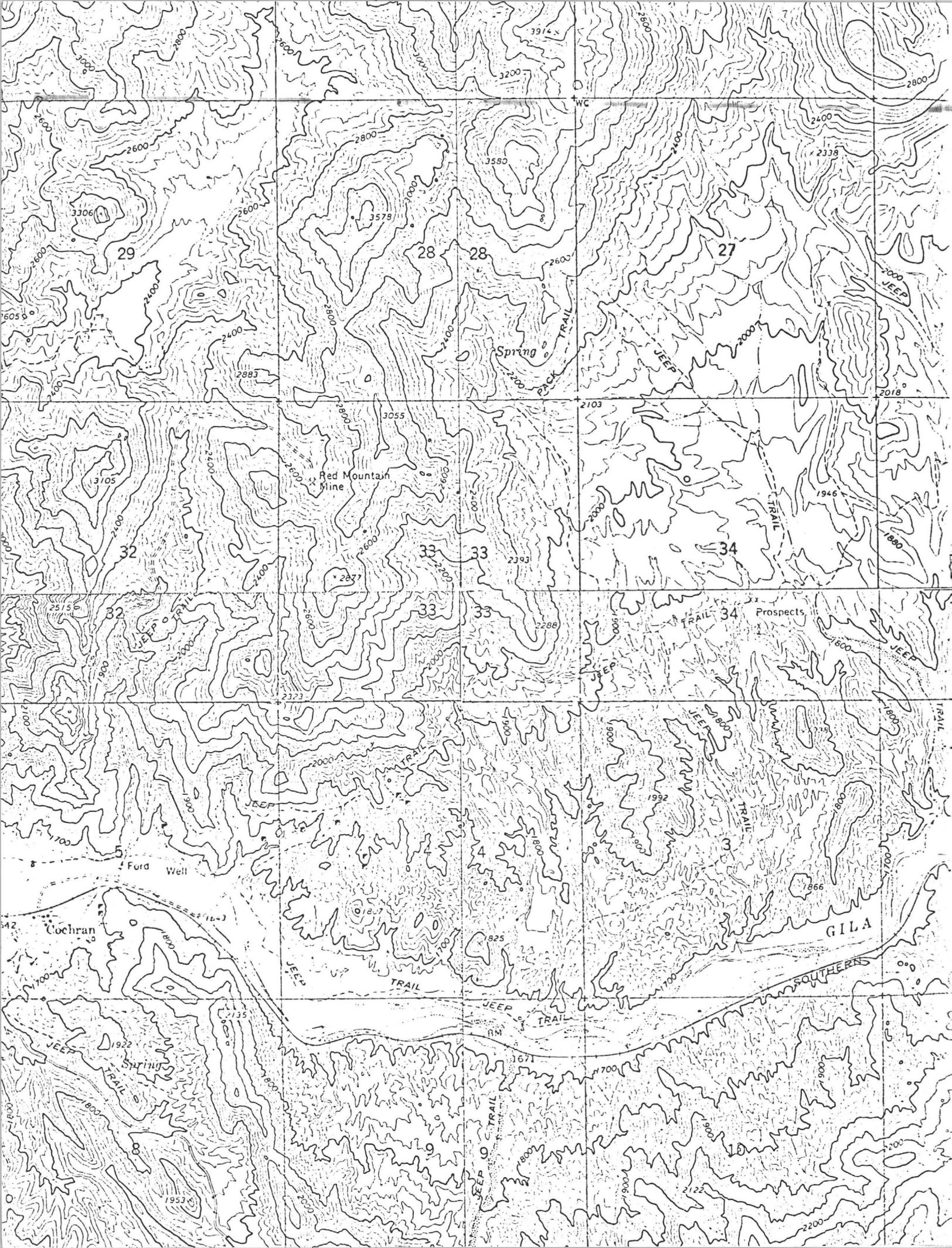
- 29 Soil
- 30 Soil
- 31 Schist
- 32 Schist
- 33 Soil
- 34 Diabase? Breccia zone
- 35 Schist
- 36 Schist
- 37 Schist
- 38 Schist
- 39 Schist above ~~pit~~ north wall of pit (
- 40 schist ~~to~~ south wall of pit
- 41 Schist - Granite?
- 42 Granite - schist?
- 43 Granite - gneiss?
- 44 schist; surface of rock cleaned of loose material for future mining.
- 45 Granite - schist?
- 46 Granite schist
- 47 Schist

O. L. Hill

FLORENCE

868-5723

1802 Willow St.



SKYLINE LABS, INC.

SPECIALISTS IN GEOCHEMICAL EXPLORATION

12090 WEST 50TH PLACE, WHEAT RIDGE, COLORADO 80033 TEL.: (303) 424-7718

REPORT OF ANALYSIS

Job No. 42033

July 6, 1970

Nuclear Dynamics, Inc.
P. O. Box 20766
Phoenix, Arizona 85034

Attention: Mr. Francis X. Cannaday

11 Rock chip samples

Item	Sample No.	Ag (ppm)	Cu (ppm)	Mo (ppm)
1.	CHN 1	<.2	50	2
2.	CHN 2	4.4	1750	2
3.	MM 1	<.2	100	2
4.	2	<.2	10	2
5.	3	<.2	10	2
6.	4	<.2	30	2
7.	5	<.2	5	4
8.	MM 6	<.2	5	2
9.	RM 1	<.2	10	2
10.	2	<.2	35	2
11.	RM 3	1.0	850	8

Charles E. Thompson
Chief Chemist

June 18th 1970

967.4 Gorge at pavement

978.0 Sunset Mine

979.05 Box Canyon

980.7 Fork left to Silver Bell-Martinez mine

982.8 ~~For~~ Take trail to right (bottom of wash)

~~990~~

990.0 Road washed out ~~at~~ 1 mile from Gila

990.9 Road fork to Red Mt. manganese mine.

991.3 " do ~~to~~ up wash to N (at Ft. of Needle)

993.2 Back to 991.3

994.7 Take Fork to left (Gila)

995.1 Capped DDH.

SKYLINE LABS, INC.

SPECIALISTS IN GEOCHEMICAL EXPLORATION

12090 WEST 50TH PLACE, WHEAT RIDGE, COLORADO 80033 TEL.: (303) 424-7718

REPORT OF ANALYSIS

Job No. 42034
July 17, 1970

Nuclear Dynamics, Inc.
P. O. Box 20766
Phoenix, Arizona 85036

37 Pulp and 12 Plant Ash Samples

Item	Sample No.	Ag (ppm)	Cu (ppm)	Mo (ppm)
1.	CHN-11	<.2	310	12
2.	12	<.2	95	2
3.	13	<.2	140	2
4.	14	<.2	130	6
5.	15	<.2	290	4
6.	16	<.2	305	8
7.	17	<.2	165	6
8.	18	<.2	800	8
9.	19	<.2	60	4
10.	20	<.2	60	2
11.	21	<.2	230	2
12.	22	<.2	185	8
13.	23	<.2	425	2
14.	24	<.2	225	4
15.	25	<.2	70	2
16.	26	<.2	10	6
17.	27	<.2	60	6
18.	28	<.2	25	6
19.	29	<.2	125	4
20.	30	<.2	175	12
21.	31	<.2	25	2
22.	32	<.2	10	2
23.	33	<.2	100	2
24.	34	<.2	85	2
25.	CHN-35	<.2	60	2

Job NO. 42034
 July 17, 1970
 Page 2

Item	Sample No.	Ag (ppm)	Cu (ppm)	Mo (ppm)
26.	CHN-36	<.2	90	12
27.	37	<.2	75	8
28.	38	<.2	45	2
29.	39	<.2	115	2
30.	40	.2	2000	2
31.	41	<.2	3100	2
32.	42	<.2	55	2
33.	43	<.2	40	2
34.	44	<.2	12000	2
35.	45	<.2	255	<2
36.	46	<.2	85	2
37.	CHN-47	<.2	405	2
38.	SB-2 Mesq.-165	*	175	24
39.	166	*	230	30
40.	172	*	135	8
41.	173	*	185	24
42.	174	*	205	24
43.	176	*	215	12
44.	178	*	180	16
45.	185	*	175	8
46.	187	*	120	12
47.	189	*	125	6
48.	193	*	180	30
49.	SB-2 Mesq.-196	*	175	8

*Analysis not requested

Charles E. Thompson
 Chief Chemist

Copy to: Nuclear Dynamics, Inc.
 Prescott, Arizona

SKYLINE LABS, INC.

SPECIALISTS IN GEOCHEMICAL EXPLORATION

12090 WEST 50TH PLACE, WHEAT RIDGE, COLORADO 80033 TEL.: (303) 424-7718

REPORT OF ANALYSIS

Job No. 42034
July 17, 1970

Nuclear Dynamics, Inc.
P. O. Box 20766
Phoenix, Arizona 85036

37 Pulp Samples

Item	Sample No.	Au (ppm)	Item	Sample No.	Au (ppm)
1.	CM- 2	<.02	21.	CM-24	<.02
2.	3	<.02	22.	25	<.02
3.	4	<.02	23.	26	<.02
4.	5	<.02	24.	27	<.02
5.	6	<.02	25.	28	<.02
6.	7	<.02	26.	29	<.02
7.	8	<.02	27.	30	<.02
8.	9	<.02	28.	31	<.02
9.	11	<.02	29.	32	<.02
10.	12	<.02	30.	33	<.02
11.	13	<.02	31.	34	<.02
12.	14	<.02	32.	35	<.02
13.	15	<.02	33.	36	<.02
14.	16	<.02	34.	37	<.02
15.	17	<.02	35.	38	<.02
16.	18	<.02	36.	40	.06
17.	19	<.02	37.	CM-41	3.6
18.	21	<.02			
19.	22	<.02			
20.	CM-23	<.02			

Charles E. Thompson
Chief Chemist

Copy to: Nuclear Dynamics, Inc.
Prescott, Arizona

SKYLINE LABS, INC.

SPECIALISTS IN GEOCHEMICAL EXPLORATION

12090 WEST 50TH PLACE, WHEAT RIDGE, COLORADO 80033 TEL.: (303) 424-7718

INVOICE

No. 3521
Job No. 42034
July 17, 1970

Terms: Net 30 days

Sold To: Nuclear Dynamics
P. O. Box 20766
Phoenix, Arizona 85036

Analysis of 74 Pulp and 12 Plant Ash Samples

37 Gold (.02 ppm) @ \$2.00	\$ 74.00
37 Silver @ \$1.50	\$ 55.50
49 Copper @ \$1.00	\$ 49.00
49 Molybdenum @ \$1.00	\$ 49.00
	<hr/> <hr/>
Total	\$227.50

DUPLICATE



Approx. high water mark

Assessment Florence 5-19-71

606 p 2106 Joseph Abren
Pioneer 1-38-2

609 445 ~~Harry J. Hager~~
Pioneer another group

608- p628 Texas Metallic Mines Inc
Cochran
Pioneer # Amend thru #26 Amend
#27-2 Amend thru #38-2 Amend etal

? get copies of all ?

None 1969- Big Joe ~~#~~ #1 to 11
Exten #1 to 12

Nor Drilling

1970
~~not~~
filed
612 576
612
482

Thompson ^{sold} interest to Alexander ^{not} involved
Big Joe's Dr
Pro

449, 495

560, 559

see contracts Option to Still & Still 1966
picked up March 1967 480-25
494-459

Aug 18,
1970

Big Joe & Pioneer Group Assessment to 1955

577-144

Big Joe 1-11
ex 1-12

file 8-15-69

546-396

8-28-68

516-733

8-29-67

460-176

8-26-66

(see 4-58 45 12E)

577-145

Pioneer - 1-26 animal

8-15-69

27-2-33-2

34-2 38-2

dual Assessment also own files

545-894

8-20-68

515-532

8-28-67

449 474

by Joseph & Karen

5-11-66

418-582

5-27-65

392-534

8-10-64

267 72 '60

181-133 8-24-59

360-61

8-19-63

240 349 8-21-59

156-144 6-23-56

322-349

4-25-62

234 121 6-4-59

294-451

600-61

203 561 5-7-58

Big Joe

SEP 22 1970 8:30am
 406596 SOPHIE M. SMITH, Pinal County Recorder, by Carolyn Jones Deputy
 Docket 608 PAGE 628
 Records of Pinal County, Arizona
 WITN... my hand and official seal here, a 4 year storehold.

AFFIDAVIT OF LABOR PERFORMED AND IMPROVEMENTS MADE



STATE OF COLORADO)
 County of DENVER) SS

THOMAS H. MURPHY, 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 No. 2 Crestview Drive, Route 5, Golden, Colorado 80401, and is personally acquainted with the mining claims known as "The Pioneer #1 Amended through #26 Amended and Pioneer #27-2 Amended through Pioneer #33-2 Amended, and Pioneer Claims #34-2 through Pioneer #38-2," being 38 claims in all, Mining claims situated in Cochran Mining District, County of Pinal, State of Arizona, the location notices of which are recorded in the office of the County Recorder of said County, in Books #139 and #143, Docket #139, pages 566-581, 583-590, 537, 538 and 541, and Docket #143, Pages 290-300, Records of Mines; that between the 1st day of September, 1969, and the 28th day of August, 1970, at least (\$ 3,800.00) Three Thousand Eight Hundred DOLLARS worth of work and improvements were done and performed upon said claims not including the location work of said claims. Such work and improvements were made by and at the expense of TEXAS METALLIC MINES, INC., Waco, Texas, owners of said claims, for the purpose of complying with the laws of the United States pertaining to assessment of annual work, and said work was done under the direction of Continental Reports, Inc., whose address is 290 Fillmore St., Denver, Colorado, for said corporation.

T.H. Murphy, E.L. Felter, M.P. Goudy, P. Wagner & M. Martinez.
 were the men employed by said owners and who labored upon said claims, did said work and improvements, the same being as follows, to wit:
Geogogical assessments, guarding and preserving said claims from intrusion and interference.

TEXAS METALLIC MINES, INC.
 By Thomas H. Murphy
 Thomas H. Murphy, President
 Continental Reports, Inc.
 for Texas Metallic Mines, Inc.

I do hereby certify that the within instrument was filed and recorded at request of *Alvin Laine* on **AUG 21 1970** at **8:00 A.M.** Docket

Page *30730* Docket **606** PAGE **406** Records of Pinal County, Arizona. **606** PAGE **406** WITNESS my hand and official seal the day and year first above written. SOPHIE M. SMITH, County Recorder, By *Jan Friedman*, Deputy.

Please record & return to the Clerk of the Court

Affidavit of Labor Performed and Improvements Made



STATE OF ARIZONA, } ss.
County of.....

JOSEPH AKREN 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 in **CHATTOGA** County, State of **ARIZONA**, and is personally acquainted with the mining claim known as **PIONEER 1-38-2**

mining claim, situate in **PINAL**

Mining District, County of **PINAL**, State of Arizona, the location notice of which

is recorded in the office of the County Recorder of said County, in Book **9, 18, 31, 137, 143** of Records of **ETAL** Mines, at page **283, 104, 105, 42, 43, 44, 45, 46, 47, 555, 554, 556, 557, 558, 556-557-267 293**; that between the **1** day of **SEPT**, A. D. 19 **67**,

and the **1** day of **SEPT** A. D. 19 **70**, at least **4000**

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 **JOSEPH AKREN ETAL**

owner of said claim for the purpose of complying with the laws of the United States pertaining to assessment of annual work, and **TOM AKREN,**

JERRY AKREN, IGNA AKREN & ETAL

EWCHEN 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: **RIVER CROSSING, ROAD WORK, CLEANING TUNNELS & GEN. DEL.**

Joseph Akren
Notary Public

Subscribed and sworn to before me this **21** day of **August**, A. D. 19 **70**

(My commission expires **12/28/72**)

I do hereby certify that the within instrument was filed and recorded at request of Atty. Lyerly, Pa. 30730 on AUG 27 1969 at 8:00 P.M., Docket

Page _____ Records of Pinal County, Arizona. DOCKET 577 PAGE 462

WITNESS my hand and official seal the day and year first above written
SOPHIE M. SMITH, County Recorder,
By Cecily Jones, Deputy.

DOCKET 577 PAGE 462

Statement of Labor Performed and Improvements Made
of JOSEPH AKREN. Above the following statement is true!

I am personally acquainted with the mining claims known as PIONEER - NOS. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-(27-2)(28-2)(29-2)(30-2)(31-2)(32-2)(33-2)(34-2)(35-2). All the above claims are recorded in the office of the County Recorder of Pinal County in Florence, Arizona.

Records on Docket 139 pages 566-569-537-570-571-572-587-588-590-567-568-569-573-574-575-576-577-586-585-584-583-578-580-581. Docket 143 page 291-292-293-290-297-298-299. All the assessment work for the years 1968-1969 has been completed for the above claims.

Work done by Texas Mat. Mines, O.L. HILL, & JOSEPH AKREN & ET AL. Work consisted mostly of clearing ore blocks.



W. H. Smith Jr N.P.

Joseph Akren

Please record & return to: JOSEPH AKREN
RT. 2
LYERLY, G.A.

1969

Affidavit of Labor Performed and Improvements Made

TEXAS

STATE OF ~~ARIZONA~~

County of Mc Lennan } ss.

John I. Bates 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 Waco in Mc Lennan County, State of ~~Arizona~~ ^{Texas} and is personally acquainted with the mining claim~~s~~ known as "The Pioneer"- #1 Amended through "Pioneer" #26 Amended and Pioneer #27-2 Amended - through Pioneer #33-2 Amended, and Pioneer Claims #34-2 through Pioneer 38-2, being 38 Claims in all.

mining claim~~s~~ situate in Cochran Mining District, County of Final State of Arizona, the location notice~~s~~ of which is recorded in the office of the County Recorder of said County, in Books #139 and #143 of Records of Mines, at pages Dkt #139 - 566-581, 583-590 - 537, 538, 541 & Dkt #143 - Pages 200-300; that between the 15th day of October A. D. 1968, and the 15th day of August A. D. 1969, at least \$40,000.00

--- Forty Thousand --- dollars worth of work and improvements were done and performed upon said claim~~s~~ not including the location work of said claim~~s~~. Such work and improvements were made by and at the expense of TEXAS METALLIC MINES, INC., 701 Washington Ave., Waco, Texas 76701

owner~~s~~ of said claim~~s~~ for the purpose of complying with the laws of the United States pertaining to assessment of annual work, and said work was done under the direction of O.I. Hill, Pox 517, Florence, Arizona, for said Corporation

were the men employed by said owner~~s~~ and who labored upon said claim~~s~~ did said work and improvements, the same being as follows, to-wit: Bridge Building and repairs, Drilling, Geological, Road Building, Blasting, Benching, and building and operating a leaching plant, which has to date, produced in excess of 30,000 lbs. of copper concentrate -

TEXAS METALLIC MINES, INC.,
701 Washington Ave.,
Waco, Texas 76701

By John I. Bates
John I. Bates, Secy.-Treas.

Subscribed and sworn to before me this 15 day of August A. D. 1969.

(My commission expires July 1, 1970) James T. Mefferson Notary Public

STATE OF ARIZONA
COUNTY OF Final } ss.

I hereby certify that the within instrument was filed and recorded at request of Texas Metallic Mines Inc

Witness my hand and official seal the day and year aforesaid

SOPHIE M. SMITH
County Recorder.

By Evelyn Jones
Deputy Recorder

on AUG 22 1969 at 8:00 A.M. Docket # DUCKET 577 PAGE 145

Indexed	Photostat	Blotted
	Compared	

1969

Affidavit of Labor Performed and Improvements Made

STATE OF ~~ARIZONA~~ TEXAS }
County of Mc Lennan } ss.

John I. Bates 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 Waco in Mc Lennan County, State of ~~Arizona~~ ^{Texas}, and is personally acquainted with the mining claim~~s~~ known as Big Joe - #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11 and Big Joe Extension #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12 there being 23 Claims in all. These claims join to the Northeast and East of the Pioneer 38 Claims in the same mining district. mining claim~~s~~ situate in Cochran Mining District, County of Pinal State of Arizona, the location notice of which is recorded in the office of the County Recorder of said County, in Book 452 of Records of Mines, at page 78-100 that between the 15th day of October, A. D., 1968, and the 15th day of August, A. D., 1969 at least \$2,300.00 ~~Twenty Three Hundred~~ dollars worth of work and improvements were done and performed upon said claim~~s~~ not including the location work of said claim~~s~~. Such work and improvements were made by and at the expense of TEXAS METALLIC MINES, INC., 701 Washington Ave., Waco, Texas 76701 owner~~s~~ of said claim~~s~~ for the purpose of complying with the laws of the United States pertaining to assessment of annual work, and said work was done under the direction of C. L. Hill, Box 517, Florence, Arizona, for said Corporation

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

Road work to property, drilling and assaying in preparation for whatever type of mining is determined on.

TEXAS METALLIC MINES, INC.,
701 Washington Ave.,
Waco, Texas 76701

By John I. Bates
John I. Bates, Secy-Treas.

Subscribed and sworn to before me this 15th day of August, A. D. 1969.

(My commission expires July 11, 1970) James T. Moore Notary Public.

STATE OF ARIZONA }
COUNTY OF Pinal } ss. 388429

I hereby certify that the within instrument was filed and recorded at request of Texas Metallic Mines, Inc.
701 Washington Ave, Waco, Texas 76701

on AUG 22 1969

8:00 A. M. Doc. Ref. DUCTET 577 PAGE 144 Fee \$5.00

Page

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

SOPHIE M. SMITH
County Recorder.

BY Evelyn Jones
Deputy Recorder.

Indexed	Photostat Compared	Blotted

Affidavit of Labor Performed and Improvements Made

TEXAS
 STATE OF ~~ARIZONA~~ }
 County of McLennan } ss.

Joe Thompson 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 Waco in McLennan County, State of ~~Arizona~~ Texas and is personally acquainted with the mining claims known as Big Joe #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11 and Big Joe Extension #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12 mining claims situate in Cochran Mining District, County of Pinal, State of Arizona, the location notice of which is recorded in the office of the County Recorder of said County, in Book 452 of Records of Mines, at page 78-100; that between the 24th day of March, A. D. 1966, and the 24th day of June, A. D. 1966, at least (\$2300.00)

Twenty Three Hundred - - - - - dollars worth of work and improvements were done and performed upon said claims not including the location work of said claims. Such work and improvements were made by and at the expense of The Texas Metallic Mines, Inc. of Waco, Texas owner of said claims for the purpose of complying with the laws of the United States pertaining to assessment of annual work, and

G. D. Zufelt
R. B. French

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

Exploration work such as deepening shafts and drilling.

Joe Thompson
 Subscribed and sworn to before me this 26th day of August, A. D. 1966.
Norma Ashby
 (My commission expires June 1, 1967.) Notary Public.

LOCATION NOTICE

LCDE MINING CLAIM

This mining claim, the name of which is the Big Joe No. 1

mining claim, was located by the undersigned Joe Thompson

on the 24th day of March 19 66

This claim is 1500 feet long and 600 feet wide, and the point of discovery is 750 feet from the West end and 750 feet from the East end of this claim.

The general course of this claim is from West to East

This claim is situated and located in the Cochran

Mining District, in Pinal County, State of Arizona, about 2 miles

in a Northeasterly direction from Cochran

Joining the Pioneer Mining Claim on the West and located in Range 12 East, Township 4 South, section 4

Dated and posted on the ground the day and year first above written.

STATE OF ARIZONA }
County of Pinal } ss.

I hereby certify that the within instrument was filed and recorded at request of Joe Thompson

JUN 15 1966
In Docket 452 PAGE 78

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

SOPHIE M. SMITH,

County Recorder

By Carolyn Jones Deputy Recorder

322706

Joe Thompson

507 Jefferson Ave,
Waco, Texas

LOCATION NOTICE

LODE MINING CLAIM

This mining claim, the name of which is the Big Joe Ext. No. 12

mining claim, was located by the undersigned Joe Thompson

on the 7th day of April 1966

This claim is 1500 feet long and 600 feet wide, and the point of discovery is 100 feet from the North end and 1400 feet from the South end of this claim.

The general course of this claim is from North to South

This claim is situated and located in the Cochran

Mining District, in Pinal County, State of Arizona, about 3 miles

in a Southeasterly direction from Cochran

This Claim joins Claim No. 11 on the East Side, in Range 12 East Township 4 South Section 9.

Dated and posted on the ground the day and year first above written.

STATE OF ARIZONA } ss.
County of Pinal

I hereby certify that the within instrument was filed and recorded at the request of Joe Thompson

JUN 15 1966 9:00 a.m.
in Document 452 PAGE 100

on this day and year first above written.
Witness my hand and official seal

SOPHE M. SMITH
County Recorder

Lorely Jones
Deputy Recorder
322728

Joe Thompson

STATE OF ARIZONA, County of PINAL, ss. *Joseph T. Thompson*
 321027
 5079 Jefferson Ave. MAY 13 1966 at 8:00 P.M. Docket
 Page _____
 WITNESS my hand and official seal of the date and year first above written.
 Waco, Texas 6708
 SOPHIE M. SMITH, County Recorder
 By *Carol L. Lister*, Deputy.

DKT 449 PAGE 495

OPTION TO PURCHASE

THIS INSTRUMENT, made this 20th day of March, 1966, by and between JOSEPH AKREN, CAROLYN E. STEVENS, THOMAS AKREN AND JERRY M. AKREN, parties of the first part, and JOSEPH THOMPSON of Waco, Texas, party of the second part.

WITNESSETH:

That the parties of the first part, for and in consideration of the sum of TEN and 00/100 (\$10.00) DOLLARS to them in hand paid, the receipt and sufficiency whereof is hereby acknowledged, and of the rents and royalties herein reserved, and the covenants and agreements on the part of the party of the second part to be kept and performed, do hereby give and grant unto the party of the second part the right, privilege and option to purchase free and clear of all encumbrances the following described mining claims situate in the Ward or Pioneer Mining District, Pinal County, Arizona, to-wit:

Thirty-eight (38) unpatented lode mining claims of approximately twenty (20) acres each more or less named the Pioneer Group and recorded in the office of the County Recorder of Pinal County at Florence, Arizona.

PIONEER CLAIMS NOS. 1 THROUGH 38-2

<u>Name</u>	<u>Book of Mines</u>	<u>Page No.</u>
Pioneer #1	9	233
" #2	15	104
" #3	15	105
" #4	18	42
" #5	18	43
" #6	18	44
" #7	18	45
" #8	18	46
" #9	18	47
" #10	31	553
" #11	31	554
" #12	31	555
" #13	31	556
" #14	31	557
" #15	43	369
" #16	43	370
" #17	43	371
" #18	49	365
" #19	49	366
" #20	49	367

<u>Name</u>	<u>Book of Mines</u>	<u>Page No.</u>
Pioneer #21	49	368
" #22	49	370
" #23	49	371
" #24	49	372
" #25	49	373
" #26		
" 27-2)	91	181
" Extension 27)	106	259
" 28-2)	91	183
" Extension 28)	106	260
" 29-2)	91	184
" Extension 29)	106	261
" 30-2)	91	185
" Extension 30)	106	262
" 31-2)	91	186
" Extension 31)	106	263
" 32-2)	91	187
" Extension 32)	106	264
" 33-2)		
" Extension 33)		
" 34-2)		
" Extension 34)		
" 35-2)		
" Extension 35)		
" 36-2)		
" Extension 36)		
" 37-2)		
" Extension 37)		
" 38-2)		
" Extension 38)		

together with all right, title and interest of parties of the first part in and to all veins, lodes, and mineral deposits, together with all dips, spurs and angles thereof in or upon said premises and all extralateral rights appertaining thereto, which premises are hereby referred to as the "optioned premises", for the price and upon the terms and conditions hereinafter set forth.

1. The option hereby granted shall subsist and run so long as the lease of the optioned premises hereinafter granted shall remain in effect, and may be exercised by party of the second part at any time prior to the termination of said lease.

2. The purchase price for said premises is the sum of TWO HUNDRED FIFTY THOUSAND and 00/100 (\$250,000.00) DOLLARS. Any and all sums paid by party of the second part to parties of the first part under the lease herein granted shall apply

upon and reduce said purchase price.

3. Upon payment in full of said purchase price parties of the first part shall convey the optioned premises to party of the second part, its successors or assigns, free and clear from any and all liens and encumbrances except such as may have been caused or permitted to attach by party of the second part.

4. Parties of the first part have leased and by these premises do hereby let and lease unto the said party of the second part all of the right, title and interest of parties of the first part in and to the optioned premises; and party of the second part does hereby rent and hire the same on the terms and conditions hereinafter set forth.

TO HAVE AND TO HOLD the said optioned premises unto the party of the second part for the full term of fifteen (15) years from the date hereof unless sooner terminated as hereinafter provided.

5. The hiring and taking of the optioned premises by the party of the second part is for the purpose and with the exclusive right, privilege and license of entering thereon, and prospecting and exploring for, discovering, and developing, taking, beneficiating, and removing therefrom ores, metals or minerals of all kinds, including the right of constructing and maintaining on said premises machinery, equipment, structures and improvements which may be necessary or appropriate in connection with the exploration, development, or operation of said mining properties, and the beneficiation and removal of ores, metals and minerals therefrom.

6. As rent and/or royalty, the party of the second part hereby agrees to pay to the parties of the first part 10% of the gross sales of all minerals, metals and other ore mined and sold from said optioned premises. Said royalty shall be payable on or before the fifteenth day of each month with respect

to minerals, metals and other ore sold during the preceding month.

7. It is hereby mutually agreed between the parties hereto that on or before the end of one hundred eighty (180) days from March 15, 1966 actual construction of a plant or mining operations shall begin by party of the second part and party of the second part to become obligated to pay parties of the first part as follows:

(a) The sum of \$5,000.00 on or before May 15, 1966.

(b) With respect to production for the one year period starting with the month of November 1, 1966, party of the second part agrees to pay parties of the first part a minimum royalty of \$250.00 per month.

(c) With respect to production for the one-year period starting with the month of November 1, 1967, and then thereafter, party of the second part agrees to pay parties of the first part a minimum royalty of \$500.00 per month.

Any sums paid under the provisions of this paragraph which are in excess of earned royalties computed under the provisions of paragraph 6 hereof shall apply on and reduce royalties thereafter payable under said Section 6, but not below the minimum amounts specified in this paragraph.

8. It is agreed and understood that by November 1, 1981, the remainder of the TWO HUNDRED FIFTY THOUSAND AND 00 /100 (\$250,000.00) DOLLARS, if any, shall be due and payable unless mutually agreed otherwise.

9. As a perpetual royalty, the party of the second part hereby agrees to pay to the parties of the first part the sum of 1 1/2% (one and one-half percent) of gross sales of all minerals, metals and other ore mined and sold from said premises. This perpetual royalty shall be payable on or before the 15th day of each month, with respect to minerals, metals and other ore sold during the preceding month, commencing the first month after the payment of the purchase price of \$250,000.00.

10. It is agreed that party of the second part may surrender this lease at any time by notice thereof given to parties of the first part in writing. Upon delivery of such notice and upon surrender of possession by party of the second part all rights and obligations of the parties hereto which have not then accrued shall cease and terminate.

11. All work, either on surface or underground, shall be done in a careful and minerlike manner in conformity with the laws and regulations of the State of Arizona.

12. Party of the second part will permit parties of the first part or their duly authorized agents or representatives to enter upon the property and workings at all reasonable times for the purpose of inspection but at the sole risk of parties of the first part.

13. During the term hereof party of the second part shall pay or satisfy all taxes or assessments which may be levied upon or become a lien against the optioned premises at least fifteen (15) days before each such tax or assessment would become due. Party of the second part shall also pay all sales taxes, or other taxes imposed during the term hereof on ores,

minerals, concentrates or production from the optioned premises and all taxes which may be imposed upon party of the second part as an employer of labor in connection with the optioned premises.

14. Party of the second part shall keep the optioned premises free and clear of all liens of mechanics, laborers, miners, material men or others furnishing work, labor or materials for or in connection with its operations hereunder, and shall keep and save harmless parties of the first part from any and all claims for labor performed or materials used or furnished to be used on the optioned premises or in connection with the operations hereunder.

15. Party of the second part agrees to comply with the Workmen's Compensation laws of the State of Arizona with respect to all employees engaged in its operations on the optioned premises.

16. Party of the second part shall do and perform within the time required by law the annual labor or assessment work on or for the benefit of the unpatented mining claims included in the optioned premises as may be necessary to comply with the laws of the United States and the laws of the State of Arizona, and to record the necessary affidavits within the required statutory period provided, however, that if this Indenture is terminated, forfeited or cancelled in any year between July 1 at noon and the following January 1 at noon, party of the second part shall be relieved of this obligation for that year, and provided further that if this Indenture shall terminate under the provisions of section 7 hereof, party of the second part shall be relieved from this obligation. If annual assessment work is authorized by law to be exempted in any year, party of the second part may at its option file on behalf of parties of the first part such notice of claim for exemption as may be required by law in lieu of performing assessment work as to any part of the optioned premises.

17. If the party of the second part shall default in the payment to the parties of the first part of any moneys accruing hereunder as and when due, or in the performance of any other obligation hereunder, and such default shall continue for a period of sixty (60) days after written notice thereof given to party of the second part by parties of the first part specifying with particularity the nature of such default, then the parties of the first part shall be entitled at his option forthwith to terminate this lease and option, and upon such termination all rights and obligations hereunder which have not already accrued at the date of such termination shall cease and determine. It is expressly agreed, however, that any default claimed against party of the second part with respect to the payment of money may be cured by the deposit in a reputable bank or trust company of the amount in controversy. Notice of such deposit shall be given to the parties of the first part, and such deposit shall remain in escrow with said bank or trust company until agreement between the parties or decision by a court of arbitrators as the parties may elect.

18. Party of the second part must not on or after termination of this agreement in any manner, remove from the optioned premises any machinery, equipment, structures and improvements, of every kind, character and nature, built, placed or installed by it thereon, which are permanent and affixed to the realty.

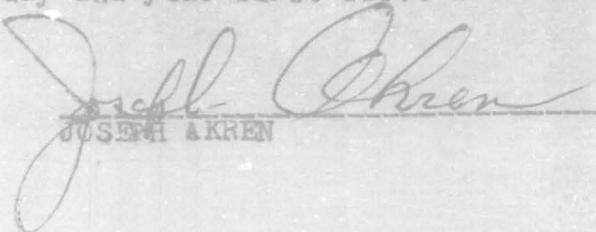
19. This agreement shall inure to the benefit of and be binding upon the heirs and assigns of the parties of the first part, and upon the successors and assigns of the party of the second part.

20. Any notice required or permitted to be given hereunder shall be given in writing and deposited in the United States mail, registered, postage prepaid, addressed to JOHN J. MURPHY, attorney for parties of the first part, Suite 206,

Luhrs Tower, 45 West Jefferson, Phoenix, Arizona, and to party of the Second Part at _____
Waco, Texas. Said addresses for receiving notices may be changed by any party by notice given in accordance with this paragraph.

IN WITNESS WHEREOF, Parties of the first part have hereunto set their hand and seal, and party of the second part has caused this Indenture to be executed by its _____ and attested by its _____, they being thereunto duly authorized, the day and year first above written.

PARTIES OF THE FIRST PART:

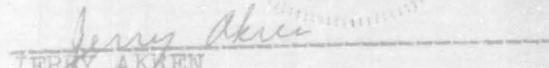


JOSEPH AKREN

CAROLYN E. STEVENS

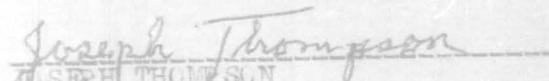


THOMAS AKREN



JERRY AKREN

PARTY OF THE SECOND PART:



JOSEPH THOMPSON

Step 1
Mig. 166 (G.S.) Ack Individual (Rev. 1-1-66)

STATE OF CALIFORNIA
COUNTY OF San Diego
On May 5, 1966 before me,
the undersigned, a Notary Public in and for said County and State,
personally appeared Jerry Akren

_____ known to me
to be the person _____ whose name is subscribed to the within
instrument and acknowledged that _____ executed the same.

Signature Kathleen G. Phillips

KATHLEEN G. PHILLIPS

Name (Typed or Printed)
Notary Public in and for said County and State
KATHLEEN G. PHILLIPS
My Commission Expires May 23, 1969

FOR NOTARY SEAL OR STAMP



STATE OF ARIZONA
COUNTY OF MARICOPA

On May 5th, 1966, before me, the undersigned, a Notary Public
in and for said County and State, personally appeared Joseph Akren
to be the person whose name is subscribed to the within instrument, and
acknowledged to me that he executed the same.

WITNESS my hand and official seal.

Lawrence L. Hills
Notary Public in and for said County
and State.

My commission expires July 13, 1968

TO 447 C
(Individual)

STATE OF CALIFORNIA
COUNTY OF Los Angeles

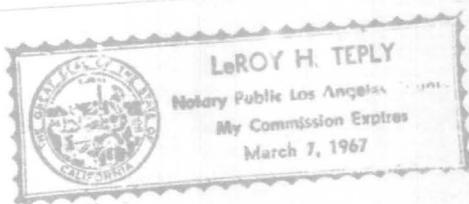
On May 8th 1966 before me, the undersigned, a Notary Public in and for said
State, personally appeared THOMAS AKREN

_____ known to me
to be the person _____ whose name _____ subscribed
to the within instrument and acknowledged that _____
executed the same.

WITNESS my hand and official seal.

Signature LeRoy H. Teply

LeRoy H. Teply
Name (Typed or Printed)



(This area for official notarial seal)

STATE OF TEXAS
COUNTY OF MCLENNAN

On May 11, 1966, before me, the undersigned, a Notary Public in and
for said County and State, personally appeared Joseph Thompson, to be
the person whose name is subscribed to the within instrument and
acknowledged to me that he executed the same.

WITNESS my hand and official seal.

Norma Ashby
Notary Public in and for said County
and State

My commission expires
June 1, 1967