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## Santo Nido

1. Check on <sup>Chase Manhattan or Sheftall Dunn</sup> activity in area
2. ~~Check Grant~~ - (Check Tax records on Patent Claims)
- 3.



NEARBY GROUP OF CLAYED  
Santa Cruz Co., Arizona

GEOLOGIC STRUCTURES  
RELATED TO ALLEGATION

- area of interest after
- minor faults & joints

STATE OF NEVADA     )  
                              ) ss.  
COUNTY OF WASHOE    )

1972-73 AFFIDAVIT OF ANNUAL ASSESSMENT

Sanford A. Taylor, being first duly sworn, states and says:

1. That in making this Affidavit he is acting for and on behalf of UTAH INTERNATIONAL INC. (formerly known as Utah Construction & Mining Co.) the locator or lessee of the following unpatented mining claims.

2. That this Affidavit is made for the purpose of showing and making of record the performance of annual assessment or representative work as required by law between the 1st day of September, 1972 and through the 31st day of August, 1973 on the following claims located and situated in the Patagonia Mining District, Santa Cruz County, Arizona, and recorded in the records of Santa Cruz County as follows:

<u>Claim Name</u>	<u>Docket</u>	<u>Page</u>
Quercus One	100	394
Q-2 thru Q-8	100	395-401
Q-10 Relocation	102	651
Q-12 Relocation	102	653
Q-14 Relocation	102	655
Q-16 Relocation	102	657
Q-18 Relocation	102	659
Q-20 Relocation	102	661
Q-21 thru Q-34	100	414-427
Q-41 thru Q-74	100	428-461
Q-76 thru Q-105	100	462-491
Q-112 thru Q-121	100	492-501
Q-125	100	502
Q-126	100	503
Q-128	100	505
Q-130	100	507
Q-131	100	508
Q-132	100	509
Q-133	100	510
Q-134A	109	473
Q-135A	109	474
Q-136	100	513
Q-137	100	514
Q-138	100	515
Q-139	100	516
Q-140	100	517
Q-141	100	518
Q-142	100	519
Q-143	100	520
Q-144	100	521
Q-145	100	522
Q-146 thru Q-151	100	523-528
Q-152	100	529
Q-153	100	530
Q-154	100	531
Q-155	100	532
Q-156	100	533

-continued -



UTAH INTERNATIONAL INC.  
 Quercus One et al Claims - Santa Cruz County, Ariz.  
 1972-73 Assessment Affidavit  
 Page #2

<u>Claim Name</u>	<u>Docket</u>	<u>Page</u>
Q-157	100	534
Q-158	100	535
Q-159	100	536
Q-160	100	537
Q-161	100	538
Q-162	100	539
Q-163	100	540
Q-164	100	541
Q-165	100	542
Q-166 thru Q-181	100	543-588
Q-183 Relocation	102	662
Q-186 thru Q-192	100	675-681
Q-193 Relocation	102	663
Q-104 Relocation	102	664
Q-195	100	684
Q-196	101	595
Q-197	101	596
Q-198	101	597
Q-199	101	598
Q-200	101	599
Q-201	101	600
Q-202	101	601
Q-203	101	602
Q-204	101	603
Q-205	101	604
Q-206	101	605
Q-207	101	606
Q-208	101	607
Q-209	101	608
Q-210	101	609
Q-211	101	610
Q-212	101	611
Q-213	101	612
Q-214	101	613
Q-215	101	614
Q-9A	109	664
Q-11A	109	665
Q-13A	109	666
Q-15A	109	667
Q-17A	109	668
Q-19A	109	669
Q-127A	109	670
Q-129A	109	671
Key No. 1 thru Key No. 6	117	626-631
Key No. 7	118	676
Key No. 8	118	677
Key No. 9	117	632
Key No. 10	117	633
Key No. 11	117	634
Key No. 12	117	635
Key No. 13	117	636
Key No. 14	117	637

-continued-

UTAH INTERNATIONAL INC.  
 Quercus One, et al Claims - Santa Cruz County, Ariz.  
 1972-73 Assessment Affidavit  
 Page #3

<u>Claim Name</u>	<u>Docket</u>	<u>Page</u>
Key No. 15	118	678
Key No. 16	118	679
Key No. 17 thru Key No. 21	117	638-642
Key No. 22	118	680
Key No. 23	118	681
Key No. 24 thru Key No. 30	117	643-649
Key No. 31	118	682
Key No. 32	118	683
Key No. 33	118	684
Key No. 34	118	685
Key No. 35	117	650
Key No. 36	118	686
Key No. 37	118	687
Key No. 38	117	651
Key No. 39 thru Key No. 45	117	652-658

3. That the above are a group of contiguous claims under lease to or located by Utah International Inc. (formerly Utah Construction & Mining Co.) which have been consolidated into one group for the purpose of common development.

4. That the nature of the work performed is as follows, the same being a statement of a portion only of the entire work done and not intended as a complete account of all work:

1. Diamond core drilling by E. J. Longyear, 308 E. Pima, Phoenix, Arizona, between June 1 and October 20, 1973, amounting to in excess of \$23,210.00, and that the cost of all work was borne by Utah International Inc.

2. Road and drillsite construction plus road rehabilitation by Sierrita Mining & Ranching Co., Box 25-A, Sasabe Star Route, Tucson, Arizona, between June 1 and August 31, 1973, amounting to in excess of \$890.00, and that the cost of this work was borne by Utah International Inc.

5. That the above work, valued in excess of ONE HUNDRED DOLLARS (\$100) per claim, has been expended on the above claims and that this work develops or tends directly to develop the mineral resources and the exploration thereof and facilitates and leads to the extraction of minerals therefrom.

Dated and signed this 24 day of October, 1973.

Sanford A. Taylor.

Sanford A. Taylor, Agent for  
 UTAH INTERNATIONAL INC.

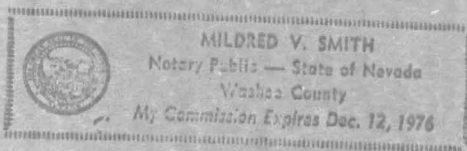


UTAH INTERNATIONAL INC.  
 Quercus One, et al Claims - Santa Cruz County, Ariz.  
 1972-73 Assessment Affidavit  
 Page #4

STATE OF NEVADA )  
 ) ss.  
 COUNTY OF WASHOE )

On this 24<sup>th</sup> day of October, 1973, before me, the undersigned Notary Public, personally appeared Sanford A. Taylor, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.



Mildred V. Smith  
 Notary Public

4198

STATE OF ARIZONA ) ss.  
 County of Santa Cruz )

No. \_\_\_\_\_

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

Utah International Inc. OCT 29 1973 at 9:11 A.M. DOCKET NO. 165 Page 278-81

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

G. ESPINOSA MORENO, County Recorder

By Laura C. Lontes  
 Deputy County Recorder

STATE OF NEVADA :  
 : ss.  
 COUNTY OF WASHOE :

1971-72 AFFIDAVIT OF ANNUAL ASSESSMENT WORK

Charles P. Knaebel, being first duly sworn, states and says:

1. That in making this Affidavit he is acting for and on behalf of UTAH INTERNATIONAL INC.; formerly known as Utah Construction & Mining Co., the locator or lessee of the following unpatented lode mining claims.

2. That this Affidavit is made for the purpose of showing and making of record the performance of annual assessment or representative work as required by law between the 1st day of September, 1971 through the 31st day of August, 1972 on the following claims located and situated in the Patagonia Mining District, Santa Cruz County, Arizona, and recorded in the records of Santa Cruz County as follows:

<u>Claim Name</u>	<u>Docket</u>	<u>Page</u>
Q-132	100	509
Q-133	100	510
Q-134A	109	473
Q-135A	109	474
Q-136	100	513
Q-137	100	514
Q-138	100	515
Q-139	100	516
Q-140	100	517
Q-141	100	518
Q-142	100	519
Q-143	100	520
Q-144	100	521
Q-145	100	522
Q-152	100	529
Q-153	100	530
Q-154	100	531
Q-155	100	532
Q-156	100	533
Q-157	100	534
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Q-159	100	536
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Q-162	100	539
Q-163	100	540
Q-164	100	541
Q-165	100	542
Q-196	101	595
Q-197	101	596
Q-198	101	597
Q-199	101	598
Q-200	101	599
Q-201	101	600
Q-202	101	601
Q-203	101	602
Q-204	101	603
Q-205	101	604
Q-206	101	605
Q-207	101	606



Utah International Inc.  
Q-132 et al claims - Santa Cruz County  
1971-72 Assessment Affidavit  
Page #2

<u>Claim Name</u>	<u>Docket</u>	<u>Page</u>
Q-208	101	607
Q-209	101	608
Q-210	101	609
Q-211	101	610
Q-212	101	611
Q-213	101	612
Q-214	101	613
Q-215	101	614

3. That the above claims are a group of contiguous claims which have been located by Utah International Inc. (formerly Utah Construction & Mining Co.) or are under lease to Utah International, Inc., which have been consolidated into one group for the purpose of common development.

4. That the nature of the work performed is as follows, the same being a statement of a portion of the entire work done and not intended as a complete account of all work:

Geologic mapping by J. W. Hoyt (graduate geologist, more than ten years experience in applied economic geology), Sept. 1971 through April, 1972, more than \$4,800.00 in direct costs for mapping as indicated on exhibit herewith.

5. That this work, valued in excess of ONE HUNDRED DOLLARS (\$100) per claim, has been expended on the above claims and that this work develops or tends directly to develop the mineral resources and the exploration thereof and facilitates and leads to the extraction of minerals therefrom.

Dated and signed this 11<sup>th</sup> day of July, 1972

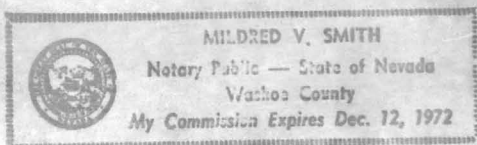
UTAH INTERNATIONAL INC.

By Charles P. Knaebel  
Charles P. Knaebel

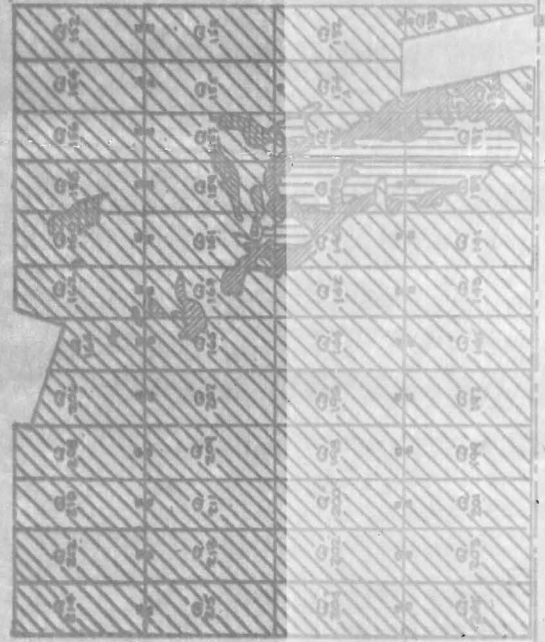
STATE OF NEVADA :  
COUNTY OF WASHOE : ss.

On this 11<sup>th</sup> day of July, 1972, before me, the undersigned Notary Public, personally appeared Charles P. Knaebel, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.



Mildred V. Smith  
Notary Public



LEGEND  
 LACSD  
 quartz monzonite porphyry  
 dioritic intrusives  
 gneiss/diorite  
 altered breccia

Geologic mapping by J.W. Hoyt, geologist,  
 between Sept 1, 1971, and May 1, 1972

ARIZONA, U.S.A.  
 SONORA, MEXICO

DTAA INTERNATIONAL, INC.  
 (formerly Utah Construction & Mining Co.)  
 PORTION OF QUERCUS CLAIM GROUP  
 GEOLGIC MAPPING  
 PITAGORAS MINING DISTRICT  
 SANTA CRUZ CO., ARIZONA  
 Scale 1:50,000  
 Date 8-1-72

18965

FEE NO.

STATE OF ARIZONA, County of Santa Cruz - SS.

on 14 day of July 1972 at 5:31 o'clock P. M. Docket No. 144 Page 545-550,  
 Records of Santa Cruz County, Arizona.

Utah International, Inc.

WITNESS my hand and official seal the day and year first above written.

G. ESPINOSA MORENO, COUNTY RECORDER

By Laura G. Fortier  
 Deputy



CHAPMAN-MOREHOUSE MINING CORP.  
GEOCHEMICAL SAMPLE MAP  
COPPER IN SOIL FROM "LOWER C"

SANTA CRUZ COUNTY COURTHOUSE

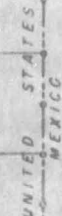
[illegible]

LEGEND

1. The first step is to identify the problem. In this case, the problem is that the company is not meeting its sales targets.

[illegible]

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 1953-1954: 1953-1954  
 1955-1956: 1955-1956  
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 2269-2270: 2269-2270  
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 2273-2274: 2273-2274  
 2275-2276: 2275-



4-10-00

54:19  
5.00 10.000000 19 0000 10002 page 32INTERNATIONAL  
COUNCIL ON AGING

SCALE	1:500	CONTOUR INTERVAL	0.5 FM	INCHES
DATE	10 APR 1964	DATE	178	DATE
PROJECT	CH 21A	PROJECT	CH 21A	PROJECT

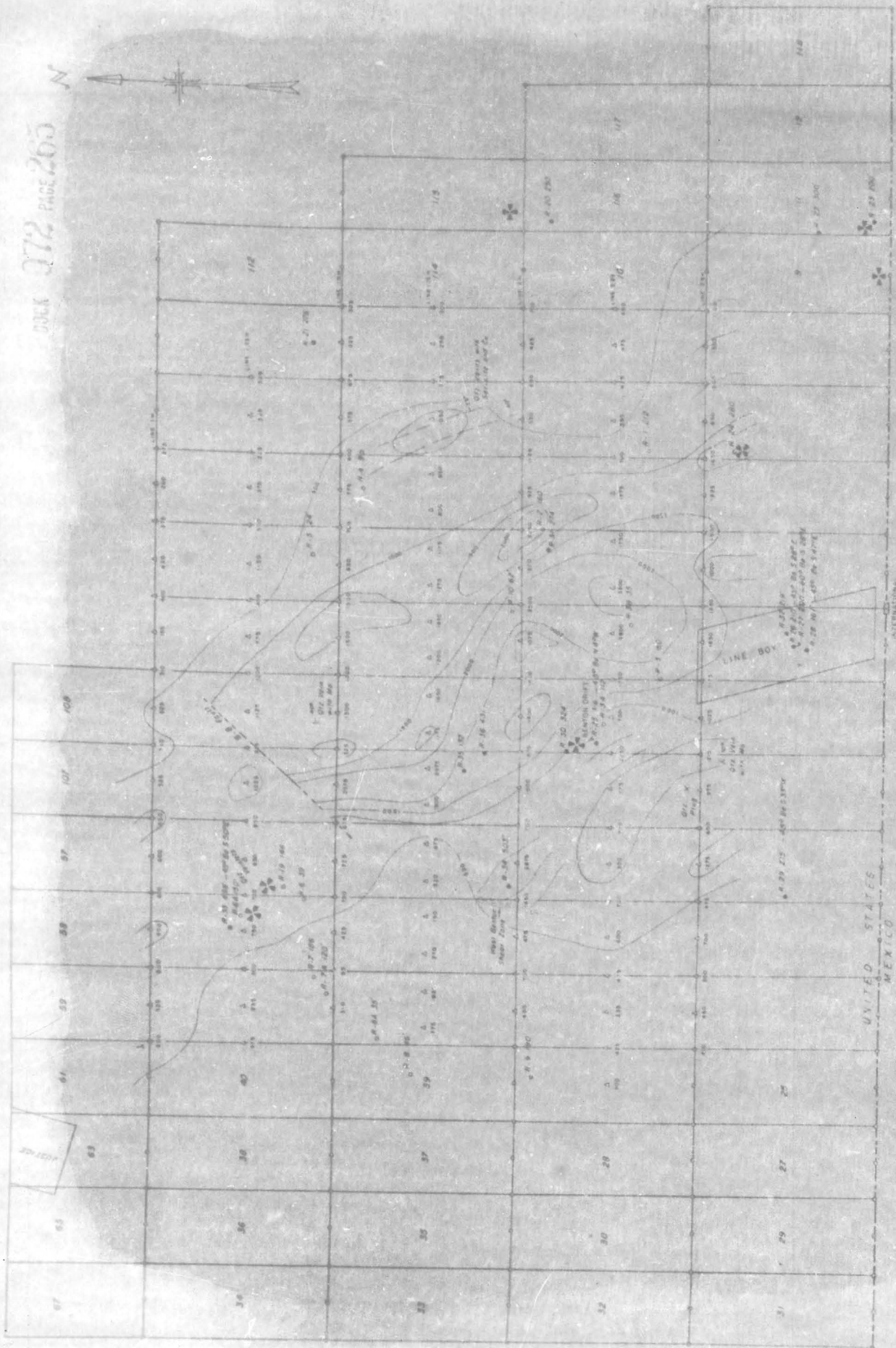


PLATE 6



PLATE 6

Scale 1:50,000



CHAPMAN-MOREHOUSE MINING CORP.  
GEOCHEMICAL SAMPLE MAP  
COPPER IN SOIL FROM "LOWER C"  
RUBARR AREA  
SANTA CRUZ COUNTY, ARIZONA

LEGEND  
1st Round Sampling - with Section of  
Line 801, 175 ft. and 2nd  
2nd Round - 3rd phase results  
Soil  
See Remarks for 175 ft. and 2nd  
175 ft. Round 500 ppm  
200 to 500 ppm  
500 to 1000 ppm  
1000 to 2000 ppm  
2000 to 5000 ppm  
5000 to 10000 ppm  
Over 10000 ppm

LEGEND  
175 ft. Round Sampling - with Section of  
Line 801, 175 ft. and 2nd  
2nd Round - 3rd phase results  
Soil  
See Remarks for 175 ft. and 2nd  
175 ft. Round 500 ppm  
200 to 500 ppm  
500 to 1000 ppm  
1000 to 2000 ppm  
2000 to 5000 ppm  
5000 to 10000 ppm  
Over 10000 ppm





That said claims are held by and are in the possession of Utah International Inc.; that between Jan 29, 1973 and Jan. 31, 1973, location work consisting of drilling 3 hole(s) totalling 30.3 feet (with each hole being at least ten feet deep) at a cost of more than \$ 300<sup>00</sup> was performed on the approx 265' N 20°W of SE cor the Key 54, 55, 56 claims by Desert Drilling Co using a 2 inch percussion-air type drill rig and collecting a representative sample of core or rock cuttings. Such drilling work was done at the expense of Utah International Inc.

Attached hereto and made a part hereof is a plat to scale upon which are shown the names and boundaries of the above described claims and the location of said drill hole or holes.

John W. Hayt



Subscribed and sworn to before me this 8th day of February, 19 73.

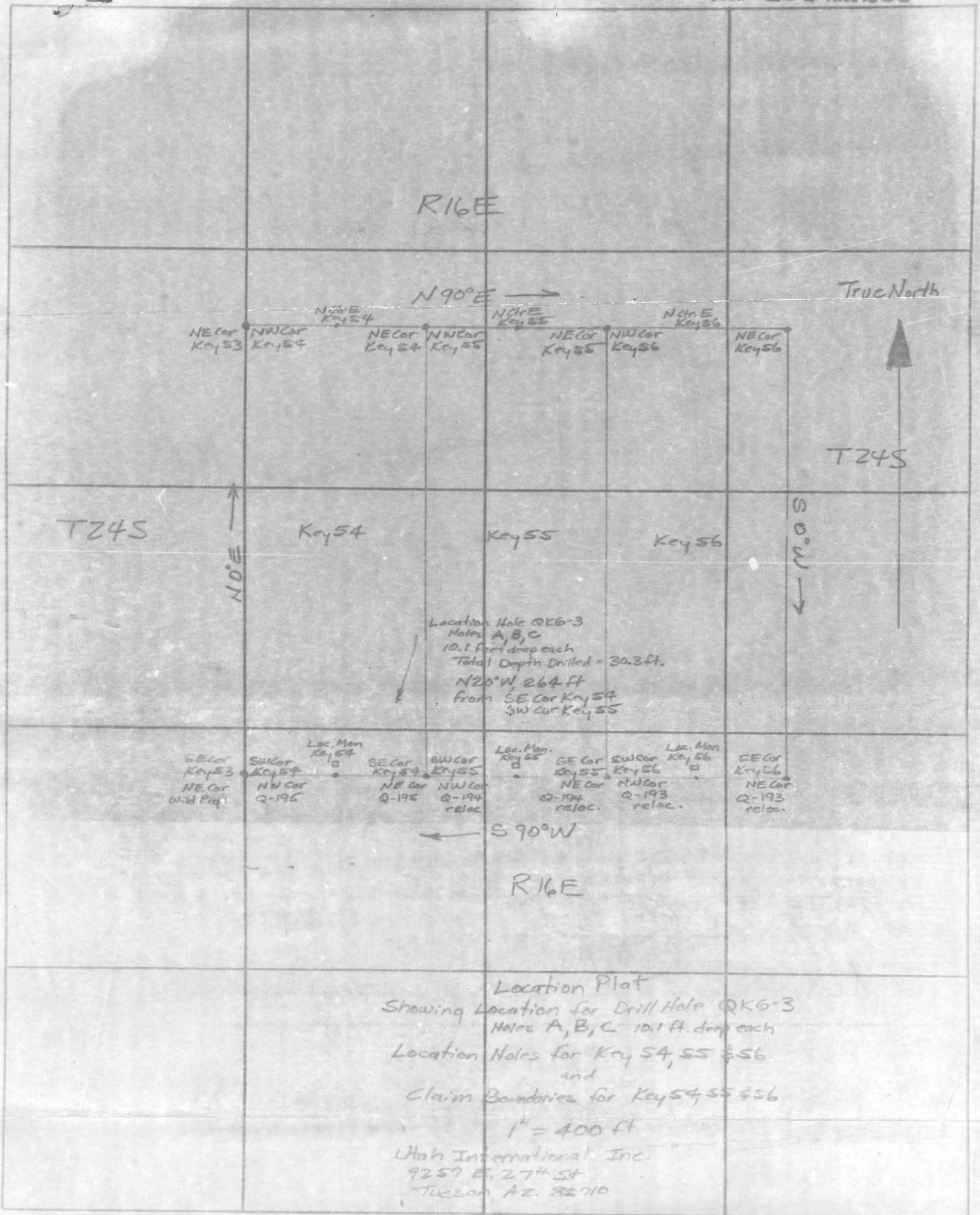
G. ESPINOSA MORENO  
COUNTY RECORDER

My Commission expires: \_\_\_\_\_

BY Laura L. Fontes  
DEPUTY RECORDER

Notary Public





FEE NO.

COUNTY RECORDS

SAN JUAN

Utah International, Inc.

STATE OF ARIZONA, County of Santa Cruz -- SS.

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

on FEB 8 1973

A. D., 197

at

11:38 o'clock

A. M. Docket No.

154

Page

253-255

Records of Santa Cruz County, Arizona.

WITNESS my hand and official seal the day and year first above written

G. ESPINOSA MORENO, COUNTY CLERK

7001 Luana Drive  
Tucson, Arizona  
April 3, 1966

Mr. George Morehouse  
121 No. 8th Street  
Grand Junction, Colorado

DOCK 072 PAGE 289

Dear George,

This letter will summarize the results of petrologic-petrographic studies carried out on the four samples given to me for study. In addition, I have summarized the results of petrographic work insofar as it is possible to interpret the significance of the petrology in terms of alteration, ore genesis and processes. *from the 13 samples & thin sections given me 3 weeks ago*

Seventeen samples were studied of which 4 were from outcrop, the remaining from BX core samples. Study was carried out with petrographic microscope and, in 2 cases, by whole-rock diffractometry studies to verify optically determined clay and secondary mineral compositions.

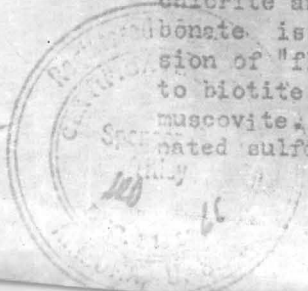
I should emphasize that the following interpretation is based, in part on the assumption that the holes from which the cores were derived were in the same area. This, incidentally is reasonable inasmuch as there are threads of similarity that go through most of the samples I examined, suggesting with only a few exceptions that the rocks are derived from the same parent body. I should also emphasize the fact that while examination of one or two of any of these rocks taken at random might give equivocal data for interpretation, the study of the entire suite provides interpretive data that gives me an unequivocal picture.

#### Drill Core Samples

Except for samples 33-137, 35-69, and perhaps 30-268 in part, all specimens are generally fine-grained phanerites to porphyritic phanerites of a composition somewhere in the range of quartz-monzonite to granodiorite, based solely on mineralogical composition.

The dominant plagioclase feldspar is Ab7-8.5 although in hand specimen much of it is surprisingly dark. All of the plagioclase occurs as phenocrysts rather than in any of the fine-grained groundmass. Orthoclase is present in three modes of occurrence, one of which is part of a fine-grained groundmass with quartz. Another is as fresh, rather large phenocrysts and the third is as overgrowths on and around plagioclase crystals. From the standpoint of relative feldspar content, none of the samples deviate from a proportion of 60%-40% of either feldspar and most show equal contents of each so far as I can determine petrographically.

All specimens show biotite, some of which appears to be fresh but most of it appears to be an alteration of hornblende. An insignificant amount is altered to very minor quantities of low-birefringent chlorite and carbonate, particularly so specimen 33-331. (Abundant carbonate is present in specimen 34-300, so much so as to give the impression of "flooding"). In all specimens there is alteration of hornblende to biotite and magnetite and in a few biotite is further altered(?) to muscovite. It is in these patches of hornblende-biotite that all disseminated sulfides are present.



The quartz-monzonites-granodiorites are "altered" and I consider them strongly so but not in a sense analogous to what is ordinarily considered "hydrothermal alteration." The consistent pattern is as follows: Virtually all plagioclase shows sericitic alteration ranging from slight to complete destruction of the feldspar as in sample 30-268. On the average for the 10 samples, I would judge that 10% of the total plagioclase surface is covered with or converted to sericite. Sericite occurs as a selvage around the crystals or disseminated patches on the surface.

The altered plagioclase crystals, in turn, are resorbed, decomposed in part, and surrounded by relatively fresh and usually unaltered potash feldspar. There is a suggestion of ghost plagioclase (twinning) in some of the potash feldspar. These consistent characteristics of the rocks indicate pronounced deuteric alteration. In other words, the alteration is a phenomenon of the rock genesis and, although of late stage, is not epigenetic but is related to the reactions of rock formation in the closed system represented by the rock samples studied. Although there are a few fractures in the specimens (none in most) there is no late-stage shattering or fracturing that provided access to the rock for late-stage, epigenetic hydrothermal fluids. The sulfide mineralization is mostly derived (in the specimens studied) from elements contained in the melt that crystallized from a small system of volatiles where they are now found. The alteration of these rocks and the mineralization in them is of "late magmatic" genesis rather than "hydrothermal."

The process as interpreted from the samples is as follows:

1. Relatively high-temperature formation of plagioclase and hornblende phenocrysts from a silicate melt.
2. With declining temperature, alteration of these phases by excess potash in the melt. This resulted in sericitization of plagioclase and biotitization of the hornblende with magnetite developing. The mineral assemblage indicates a rather high volatile content in the melt at the onset of this stage.
3. With changing composition of the melt by reaction or, most probably as indicated by fine-grained textures in the ground mass, with declining temperature, orthoclase and quartz crystallized in the groundmass and orthoclase reacted with the plagioclase to form rims around the resorbed plagioclase crystals.
4. Some event, either movement of the system or a lowering of the temperature through pressure drop and boiling produced the fine-grained quartz-orthoclase mixture of the groundmass and promoted some "replacement" of the biotite by sulfides. The presence of sulfides surrounded by magnetite (in two dimensions) suggest composition changes in the system. The association of sulfides, magnetite, hornblende and biotite suggest that these are simply isolated, disseminated centers of reaction, developed in a crystal mush through a process of moving unreacted materials away from the sites of feldspar crystallization.

Some note should be taken of three specimens not considered in the above discussion. Sample 33-137 is a fine-grained rock consisting of completely altered plagioclase phenocrysts, little quartz and with chalky texture. It may have been a quartz-latitude or latitude. Sample 35-69 is now a quartz-carbonate-chlorite rock that represents intense alteration of what may have been a basic rock such as diabase. Sample 30-268 is a





composite rock, intensely altered, that is brecciated and may represent either a fault zone or a zone of internal brecciation within the igneous mass. The latter alternative is suggested in view of the fact that some of the filling between the breccia fragments appears to be a biotite-hornblende-sulfide mixture. It is difficult to be more precise at this stage because drill-hole relationships may be a better clue than the petrology as to what it actually represents.

Outcrop Samples 1, 2, 3, and 4.

# 1, 2 & 3 Santo Nino Outcrop  
# 4 Benton Drift  
G.M.

Specimen 1 is a buff-tan fine-grained, equigranular rock probably Qtz-monzonite-Qtz-diorite in composition. It is moderately altered by kaolin and displays some limonite. The high clay content is probably surface derived or at least some consideration should be given this possibility in terms of other samples from depth if they are available.

Specimen 2 is a "limonite-yellow" to buff, weathered rock with much of the original texture is destroyed. The surface is featureless except for a few quartz crystals and a light mica. Under the microscope it appears to be an intensely altered mixture of orthoclase and plagioclase crystals. Some of the alteration may be the result of weathering. In textural characteristics, grain size, and possible composition it may be the same rock as Specimen 1 but their post-formational histories are quite different and specimen 2 is much more "altered" than specimen 1.

Specimen 3 consists of 2 rock types. One (a) is a highly weathered porous rock consisting now of plagioclase phenocrysts and abundant black-limonite-filled casts and partial casts from sulfides. Sulfides are still present in the rock. The sulfides are dominantly chalcopyrite in disseminated grains. The rock was too friable to permit preparation of a polished section. The other rock (b) is a coarse-grained pink feldspar rock in contact with (a) along a sharp boundary. Sulfides are present in (b) but in considerably smaller amounts than in (a). Clay alteration of (a) is pronounced, that of (b) is only slight. (b) may be either a dike or a zone of high potash minerals developed by differentiation within the igneous rocks. Field relations would be important in determining which.

Specimen 4 is a strongly silicified sulfide-bearing rock. Microscopic study reveals that it is dominantly quartz with lesser amounts of altered feldspars. The relict grain size and probable composition suggests that it may be a different alteration type of specimens 1, 2, and 3(a).

Surface effects have modified all of these rocks, particularly in developing clays and dissolving sulfides to create limonite-like minerals. Microscopic study suggest, however, that with the exception of that portion of sample 3 that is made up of coarse orthoclase, all rocks could have been the same rocks, differing only in original sulfide content and in subsequent histories at the surface. Diffractometry was used to determine clay compositions (kaolin-like) and to look for jarosite, some of which was identified in specimen 3(a). It is noteworthy that in spite of high probable copper contents, the type of capping developed is not typical of that found in the sericite-argillite-altered felsic rocks of most copper deposits in Arizona. I ascribe this characteristic to the lack of "hydrothermal" clays and the low pyrite content of the specimens examined.





Discussion and Summary

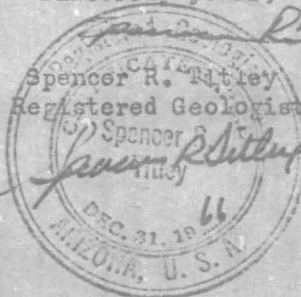
The type of relationships shown by these rocks and their mineralogy is typical of that of the late magmatic type of sulfide mineralization. The high extent of late feldspar development, the presence of black biotite derived from hornblende, the early sericitization of plagioclase, the presence of carbonate and the disseminated nature of the sulfide mineralization are typical of such deposits among which Ajo and the deep mineralization at Butte are typical.

The significance of recognition of this type of mineralization cannot be overemphasized. It does not develop typical capping, it does not develop the very common characteristics of "hydrothermal" alteration in clay and sericite, and it does not manifest the degree of fracturing or shattering so prevalent as localizing characteristics in other quartz-monzonite-copper associations. I mention these characteristics because they are important and many time may be overlooked in evaluation of potential copper concentrations. It is noteworthy also that these characteristics make mapping and evaluation difficult at times owing to the fact that control of mineralization is related to subtle internal changes in the composition of the host rock and to the process operative at the time of rock formation.

Thus, I believe that the alteration is significant. Whether or not it indicates massive mineralization cannot be determined from my study. However, based upon my study, which included study of the hand specimen and one thin section from each rock, I believe that it is encouraging enough to justify considerable further study. The important point is that while I have no basis for a statement relating to potential, I can in all honesty state that the alteration is significant and encouraging.

I trust that this letter gives you the information you desire and a fair presentation of my interpretations. If you have further questions or desire elaboration on any point, I shall be glad to do so.

Sincerely yours,



STATE OF ARIZONA ) SS.  
County of Santa Cruz )

10147

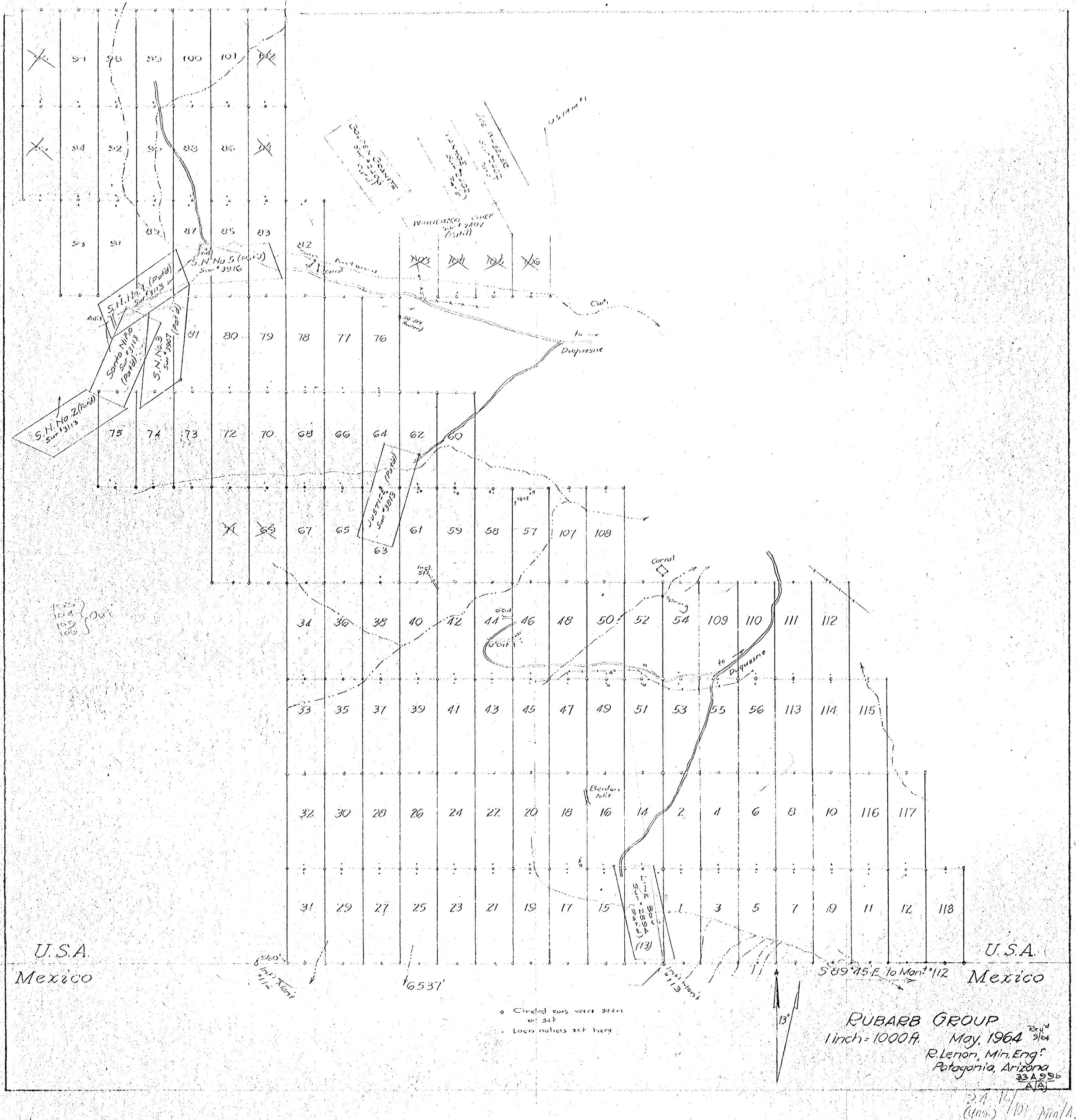
I hereby certify that the within instrument was filed and recorded at the request of

*Chapman Morehouse Mining Corp. Oct. 26, 1966* at *8:34 A.M.* DOCKET NO. *72* Page *262-272*

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

G. ESPINOSA MORENO, County Recorder

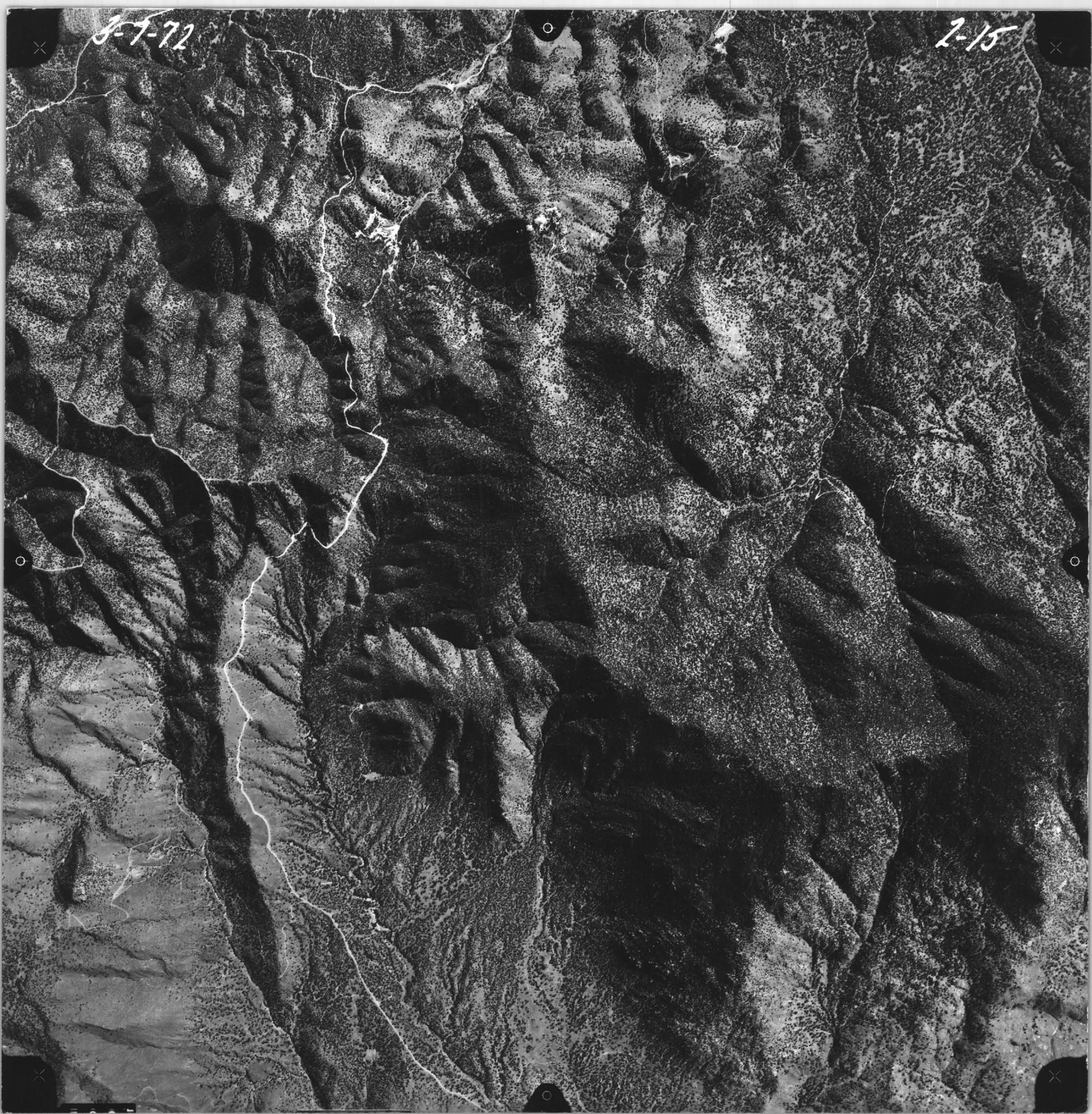
By *Mary Lou Luning*  
Deputy County Recorder





8-7-72

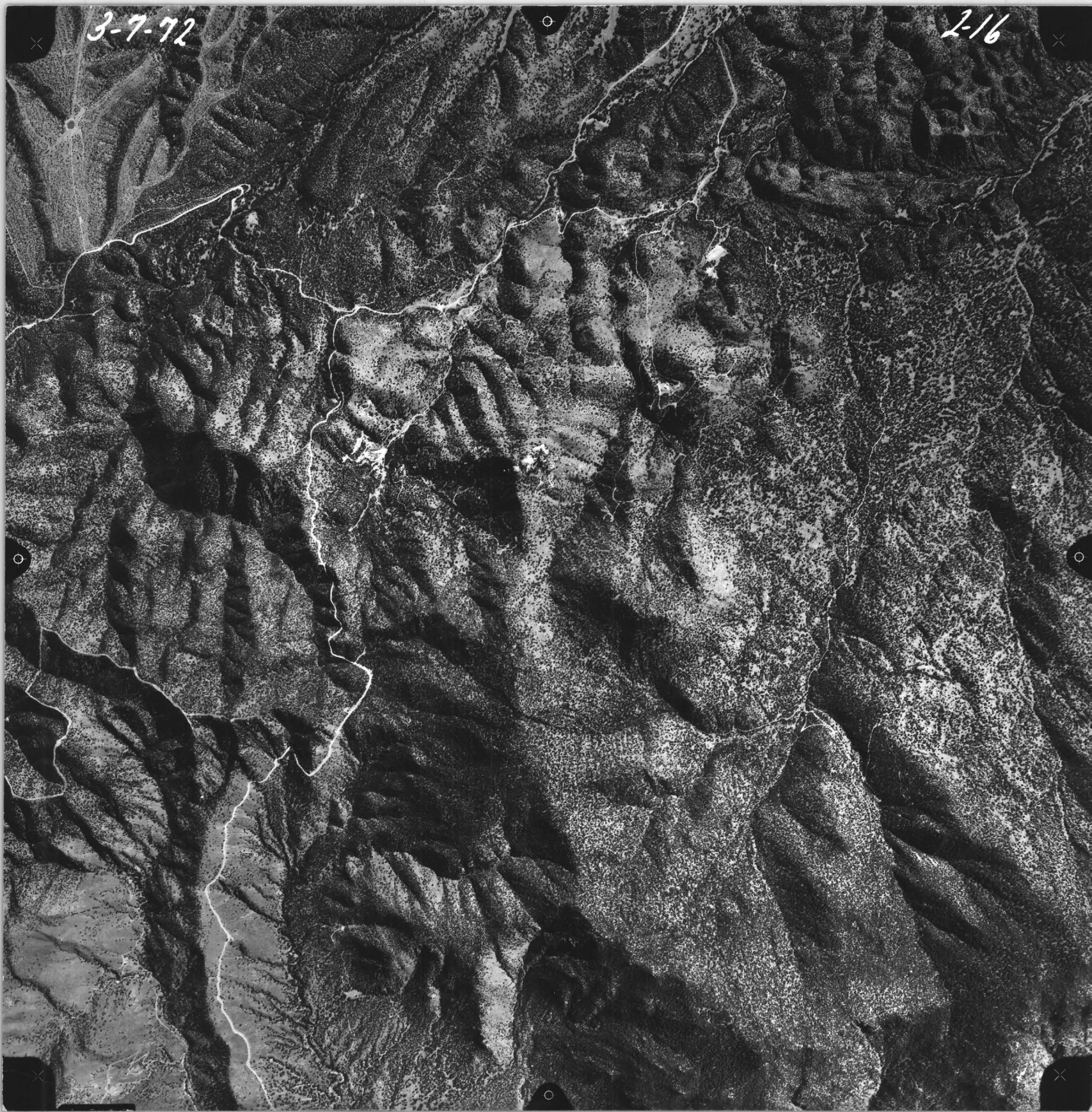
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3-7-72

2-16





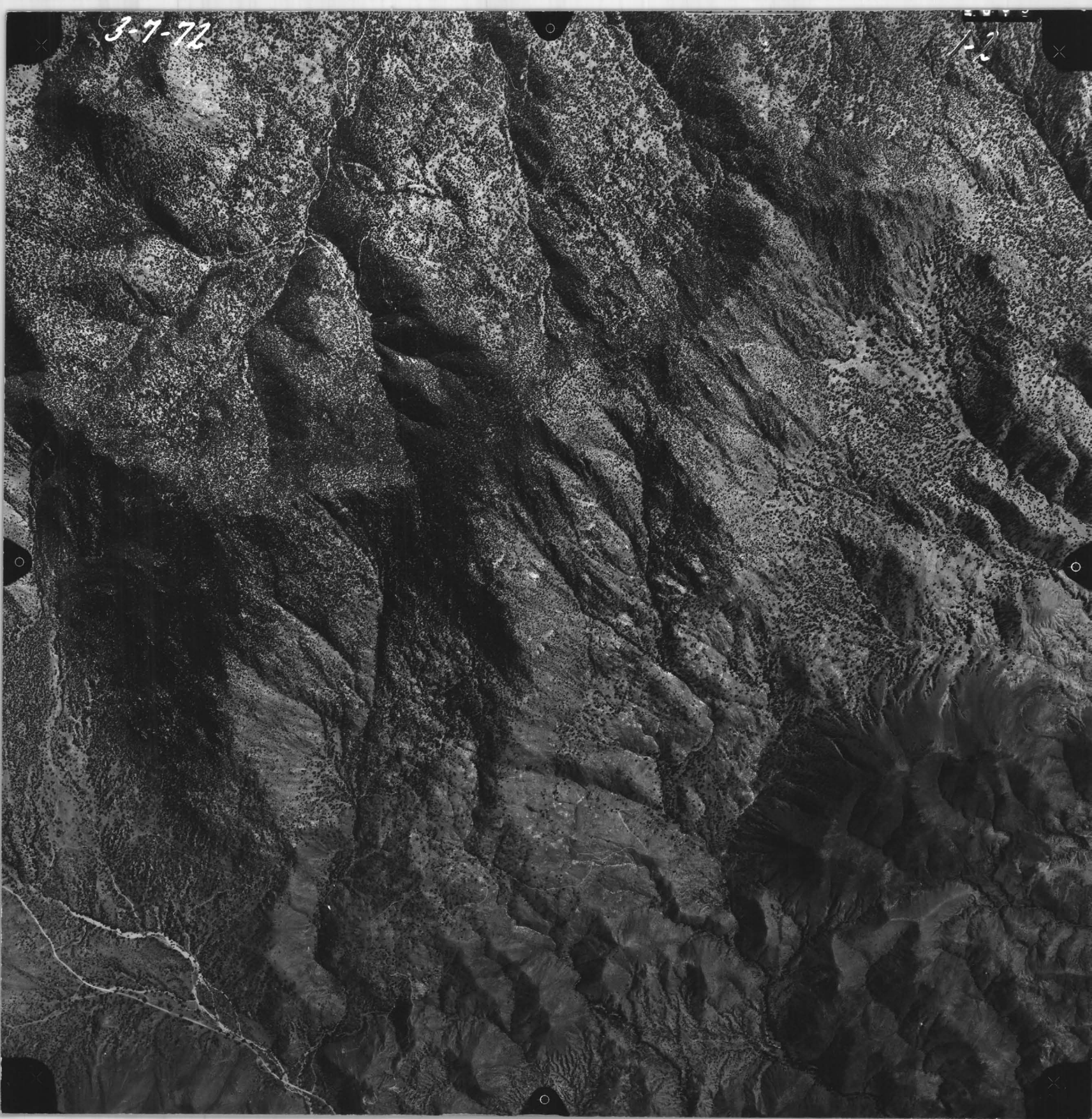
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3-7-72

1-2





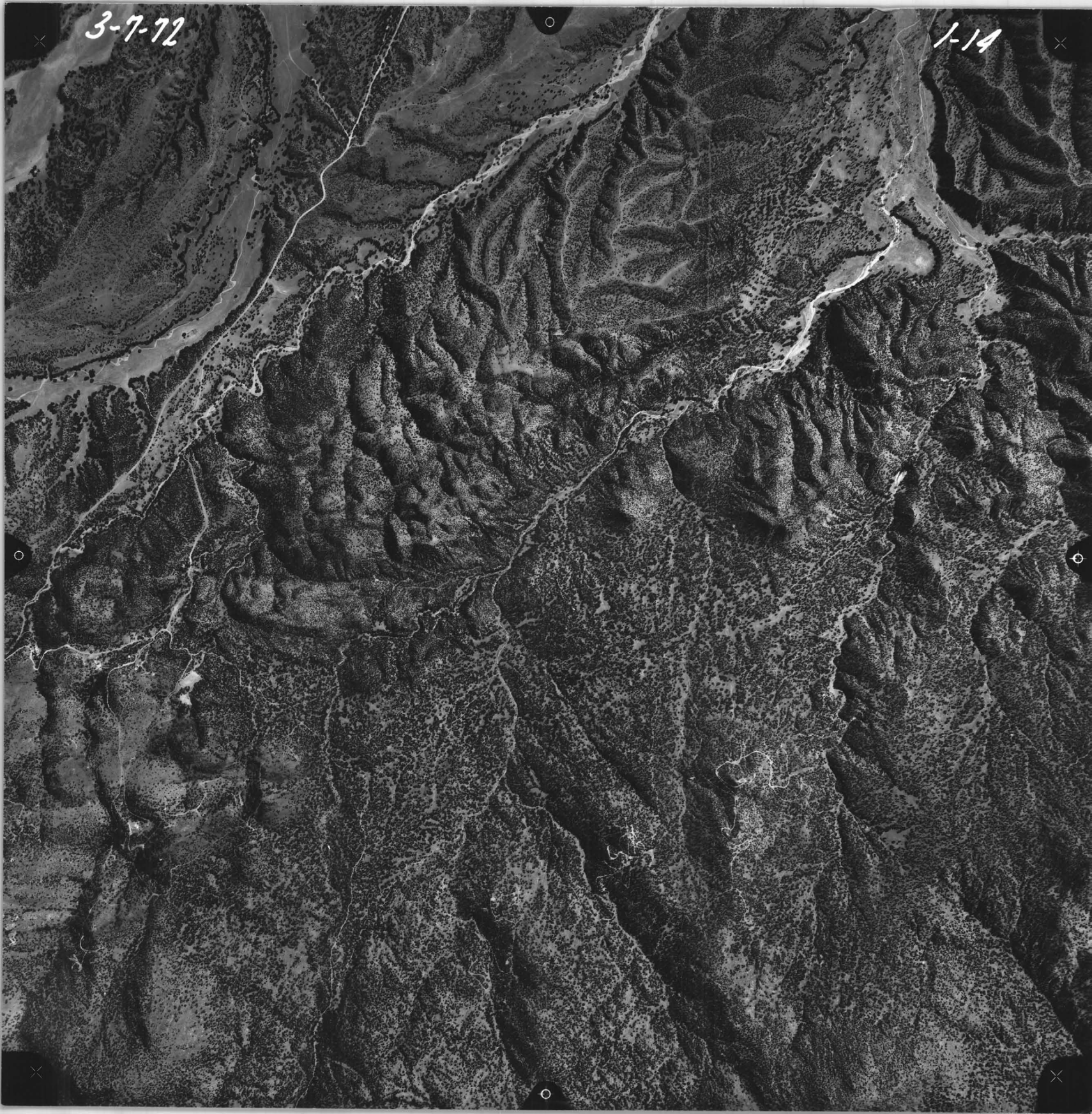
3-7-72

2-17



3-7-72

1-14







Santo Nino Area  
looking N. westerly from  
Benton abut hill

B/74 Santa Cruz Co.  
ARIZONA





AFFIDAVIT OF LABOR PERFORMED AND  
IMPROVEMENTS MADE

COLORADO  
STATE OF ~~ARIZONA~~ )  
COUNTY OF ~~SANTA CRUZ~~ ) ss.  
Mesa

DOCK 072 PAGE 262

George A. Morehouse, being duly sworn, states:

1. That he is a citizen of the United States, over 21 years of age, and resides at 2276 Broadway, Grand Junction, Colorado.
2. That he makes this affidavit for and on behalf of Chapman-Morehouse Mining Corporation.
3. That at least \$11,100.00 worth of work or improvements were performed or made on the following described group of contiguous, unpatented mining claims, to wit:

Name of Claims	Location Certificate Recorded Docket	Page
Rubarb No. 1	052	279
Rubarb No. 2	052	280
Rubarb No. 3	052	281
Rubarb No. 4	052	282
Rubarb No. 5	052	413
Rubarb No. 6	052	414
Rubarb No. 7	052	415
Rubarb No. 8	052	416
Rubarb No. 9	052	417
Rubarb No. 10	052	418
Rubarb No. 11	052	419
Rubarb No. 12	052	420
Rubarb No. 13	052	283
Rubarb No. 14	052	284
Rubarb No. 15	052	285
Rubarb No. 16	052	286
Rubarb No. 17	052	287
Rubarb No. 18	052	288
Rubarb No. 19	052	289
Rubarb No. 20	052	290
Rubarb No. 21	052	291
Rubarb No. 22	052	292
Rubarb No. 23	052	421
Rubarb No. 24	052	422
Rubarb No. 25	052	423
Rubarb No. 26	052	424
Rubarb No. 27	052	425
Rubarb No. 28	052	426
Rubarb No. 29	052	427
Rubarb No. 30	052	428
Rubarb No. 31	052	429
Rubarb No. 32	052	430
Rubarb No. 33	052	293

Name of Claims	Location Certificate Recorded	
	Docket	Page
Rubarb No. 34	052	294
Rubarb No. 35	052	295
Rubarb No. 36	052	296
Rubarb No. 37	052	297
Rubarb No. 38	052	298
Rubarb No. 39	052	299
Rubarb No. 40	052	300
Rubarb No. 41	052	301
Rubarb No. 42	052	302
Rubarb No. 43	052	303
Rubarb No. 44	052	304
Rubarb No. 45	052	305
Rubarb No. 46	052	306
Rubarb No. 47	052	307
Rubarb No. 48	052	308
Rubarb No. 49	052	309
Rubarb No. 50	052	310
Rubarb No. 51	052	311
Rubarb No. 52	052	312
Rubarb No. 53	052	313
Rubarb No. 54	052	314
Rubarb No. 55	052	315
Rubarb No. 56	052	316
Rubarb No. 57	052	431
Rubarb No. 58	052	432
Rubarb No. 59	052	433
Rubarb No. 60	052	434
Rubarb No. 61	052	435
Rubarb No. 62	052	436
Rubarb No. 63	052	437
Rubarb No. 64	052	438
Rubarb No. 65	052	439
Rubarb No. 66	052	440
Rubarb No. 67	052	441
Rubarb No. 68	052	442
Rubarb No. 70	052	444
Rubarb No. 72	052	446
Rubarb No. 73	052	447
Rubarb No. 74	052	448
Rubarb No. 75	052	449
Rubarb No. 76	052	450
Rubarb No. 77	052	451
Rubarb No. 78	052	452
Rubarb No. 79	052	453
Rubarb No. 80	052	454
Rubarb No. 81	052	455
Rubarb No. 82	052	456
Rubarb No. 83	052	457
Rubarb No. 85	052	459
Rubarb No. 86	052	460
Rubarb No. 87	052	461

Name of Claims	Location Certificate Recorded	
	Docket	Page
Rubarb No. 88	052	462
Rubarb No. 89	052	463
Rubarb No. 90	052	464
Rubarb No. 91	052	465
Rubarb No. 92	052	466
Rubarb No. 93	052	467
Rubarb No. 94	052	468
Rubarb No. 97	052	471
Rubarb No. 98	052	472
Rubarb No. 99	052	473
Rubarb No. 100	052	474
Rubarb No. 101	052	475
Rubarb No. 107	053	524
Rubarb No. 108	053	525
Rubarb No. 109	57	1
Rubarb No. 110	57	2
Rubarb No. 111	57	3
Rubarb No. 112	57	4
Rubarb No. 113	57	5
Rubarb No. 114	57	6
Rubarb No. 115	57	7
Rubarb No. 116	57	8
Rubarb No. 117	57	9
Rubarb No. 118	57	10

which claims are situated in Patagonia Mining District, County of Santa Cruz, State of Arizona.

4. That said work was performed between the 1st day of September, 1965, and the 31st day of August, 1966.
5. That such expenditure was made by, for or at the expense of C - MMC (owner), and that Mr. William Ambrose of Khun Construction was employed by the owner.
6. That the geochemical and geophysical work was performed by Dr. Spencer R. Tittley, Department of Geology, University of Arizona, Tucson, Arizona; Mr. Ray Ludden, Geologist, Douglas, Arizona; Mr. Hugh Steele, Geologist, San Manuel, Arizona; Rocky Mountain Geochemical Laboratory, Prescott, Arizona, Mr. George Morehouse, Geologist, Grand Junction, Colorado. Not less than \$9,800.00.
7. That the results of the geochemical and geological research are filed with this affidavit and consist of 8 pages.

George E. Morehouse  
George E. Morehouse

The foregoing instrument was subscribed and sworn before me by \_\_\_\_\_

George E. Morehouse on this 21st day of October

1966.

My commission expires July 25, 1970

Mildred R. [Signature]  
Notary Public