CONTACT INFORMATION
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Phoenix, AZ, 85012
602-771-1601
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jek
3-11-42

J. J. Durek
Oakland, California

April 11, 1973

John E. Kinnison
Tucson, Arizona

File
Blue

SULLIVAN COPPER PROPERTIES,
SACATON MOUNTAINS,
PINAL COUNTY, ARIZONA

Enclosed is a copy of a letter which I wrote to Jim Sullivan, in an attempt to impress upon him that we are making a bonafide attempt to evaluate his property. As you know from our discussions, if we make a property move towards acquiring private and possibly some State or Federal ground southwest of his Federal claims in the Sacaton Mountains, I believe we will have to make a bonafide effort to try and deal with Sullivan for his claims in Section 21---even though he may not be willing to split out a single small portion such as that. However, I believe we must stand firm in a commitment not to tie up our property moves (if there are any) in the southwest Sacatone Mountains by giving him a percentage of peripheral land as is sometimes the case when adding to a group of Federal claims. I have in this recent letter, therefore, referred to an evaluation of the claims which he now holds without reference to any additional ground. I will continue to copy you in on any correspondence between Sullivan and this office.

/fn
Enclosure

jek
3-11-42

April 11, 1973

Mr. Jim Sullivan
P. O. Box 3241
Scottsdale, Arizona

Blind Subject: Sullivan Copper Properties, Sacaton Mountains, Pinal County, Arizona

Dear Jim:

Some weeks ago we met at your office in Scottsdale to discuss the mineral properties which you hold in the Sacaton Mountains in Pinal County, and jointly considered the possibility of an ultimate agreement with you to explore part or all of these properties. This letter will advise you that I and members of my staff have been on the ground at various times to further evaluate Kaiser's possible interest, and to appraise you of the current status of this study.

We have now had an opportunity to examine in the field most of the central and western part of the Gila Indian Reservation lease which you currently hold, and we have found that this area, of itself, will probably not be of foremost interest. However, our evaluation of your Federal mining claims and the eastern part of the Indian lease near the Phoenix highway is not yet complete. Most, but not all, of the Federal claims now have been reviewed in the field, whereas only a cursory inspection of the eastern part of the Indian lease has been made. Within the next few weeks attention will be given in the field to these remaining areas, and I will probably contact you to determine the results of the recent drilling program which you have undertaken near Interstate 10.

The ultimate outcome of our study of these properties is at this time uncertain. However, please be assured that you will be timely advised whenever our evaluation has reached a point which would permit a decision whether this company would wish to negotiate for some or all of the property, or will decline to take further action.

With thanks for your aid and cooperation, I remain,

Yours very truly,

John E. Kinnison
Regional Geologist

JEK/fn

bcc: J. J. Durek

Meeting at
Sullivan's house - Scottsdale Notes Feb 14

— HISTORY —

1960 - Lease on Indian Grant - lapsed

1961 - Woolsey staked - Sullivan and Twin Strip staked
(Outclaimed to Sullivan)

1963 - Joined and Union oil drilled

1965 sept all labor had elapsed

1966 Vernon Smith located 1966 - 200+ claims
lapsed in 68

1968 staked Red, White and Blue claims by Sullivan

1969 - Woolsey filed Aff labor for 1968. 216 claims $21,600
Smith, Woolsey's wife, Sullivan, Dees Trust
withdrew
Sullivan, bought all interest via quit claim of interest
obligation to Alice Smith 1/2% NSR up to $50,000

Using 1968 locations as the valid title.

Parnasse - Oct 1970 under option - pt Venture.
Option/upset price with right to buy back in

Terminated Aug 1972.

Van Scooter - Deferred payment - 5 claims Western Side

5 claims Eastern
Marsh/Hamilton - $22,000 over 8 years 2/3 of claims
Van Scoot ——— 1/3 of claims

1968 Title - 312 federal claims + 10 extra (Van S - Marsh)

Parane 240 Acres 120 new drill holes - SE 1/4 24
1000/Acre 120 NE 1/4 Sec 10 - Near RR

20,000 paid to date.

Feb 1, $15,000 to protect on default. - in escrow pending negotiation w/ financing on new capital
4 years - 2 @ 10,000 paid
2 " - 2 @ 15,000
6 " - Balance of 190,000 even divided - 31,000+/yr.

Indian Res - 13492 Acres Bid 1970.
effec March 1972

15,000 Bond
2000 Rec Bond.

Work Req. 25,000/year for 2 years (exp permit)
120 extension on first years expl work.

1st 6 month ~~period~~ period expended $14,182 approved
Next 1/4 - Dec 30 1972 6,373 Not yet app
20,555

July 23 deadline for balance.

Equip chgs, geochem, photography, IP, etc.

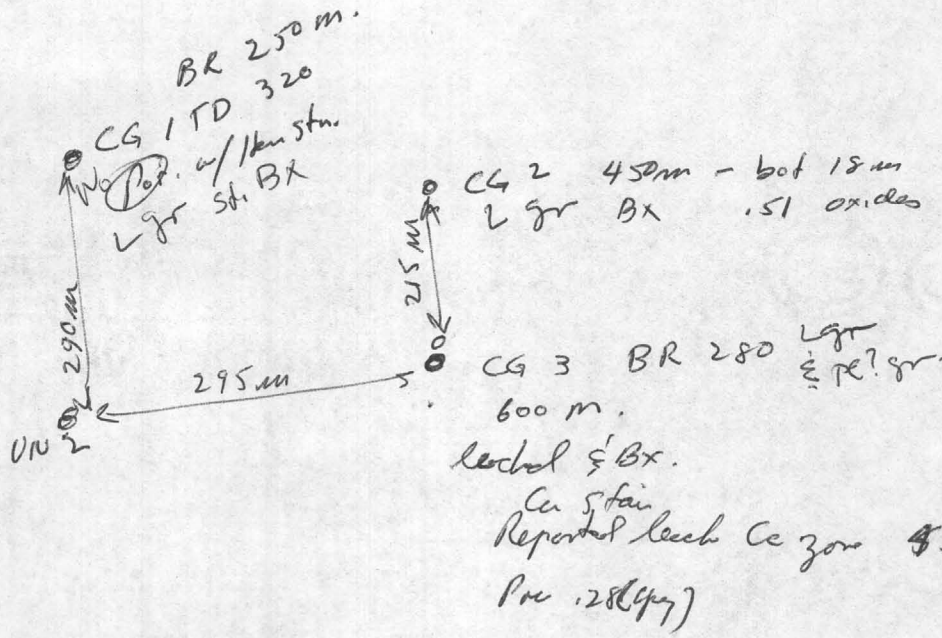
Has proposed 5 holes 250-500 in area
of Cu Ox and Heinrich IP.
See 7 & 8
2 in the st Copper by (E) of old Hwy
3 just w of Qtz Quarry

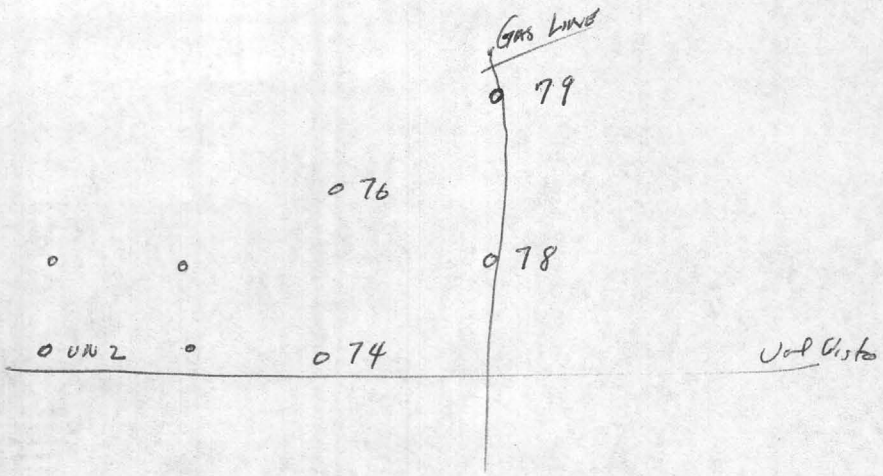
~~13000~~ ~~30~~
~~390000~~

Sliding Royalty $10/Acre Min adv Roy.
5% $<3 1/Acre Rental
10 $4-7

10 yr Lease

Develop 30 / 40 / 50 / 100
1 2 3 years 5 →


BR 250 m.
CG 1 TD 320
No Pot. w/ 1km stm.
L gr St. BX
CG 2 450m - bot 18 m
L gr BX .51 oxides
215 m
290 m
295 m
CG 3 BR 280 Lgr & Pe? gr.
600 m.
UN 2
leached & Bx.
Cu stain
Reported leach Cu zone 450-500 m.
Pre .28 (Cpy)


Gas Line
79
76
78
UN 2
74
Val Vista

Option – Buy in at later Date on ~~Bank~~ Dev of Cost. – Minority position

→ Set an upset price and with above right –

Fixed Obligations – Kaiser will assume –

Possibility of Segregating property.

Hedged on front and Annual payments

Scottsdale

~~Hayden~~ & McDowell —

E 2 Blocks Los Arcos Shopping.

N to Almeria Rd; E to 7454 E. Almeria

white House w/ Birch Shutters.

Jim Sullivan

Ph — 947-8075

J. J. Durek
Oakland, California

February 1, 1973

John E. Kinnison
Tucson, Arizona

File
Blue

SULLIVAN COPPER PROPERTY,
Sacaton Mountains,
Pinal County, Arizona

I contacted Jim Sullivan by telephone, after receipt of your memo on the subject property. The 120 acres alleged to have a measureable copper tonnage is adjacent to the old Union Oil Drill Hole Number 2, but according to Sullivan does not include that drill hole. Sullivan is unsure of his schedule, and I have arrangements to contact him February 5 to determine a specific date to examine data in his office in Scottsdale.

/fn

Call
Jim Sullivan

Feb 5. trip planned to set date and make schedule.

The area of 7 holes w/ Reserves is adjacent to old ON Oil holes — but does not include them? —

Sullivan still calls this a "prospect" — not producing yet is an overbody.

Some holes to 2000'. See 20

We will contact him on or after the 5 Feb to set date to meet in ~~PHX~~ Scottsdale and Review data in his office at which time I will be better able to comment.

J. E. K.
JAN 30 1973

Arizona Hypt

DN

INTER-OFFICE MEMORANDUM

TO T. F. O'Neill
AT 614 OB

DATE January 22, 1973

J. E. K.
JAN 29 1973

FROM Joseph J. Durek
AT 618 OB

COPIES TO John E. Kinnison
Tucson, Arizona

SUBJECT COPPER-ARIZONA
Copper Prospect Near
Casa Grande, Arizona

INTRODUCTION

In response to a telephone call received by Doug Wilkins on January 19, I spoke with Jim Sullivan (P.O. Box 3241, Scottsdale, Arizona 85257, phone 602/947-8075), the owner of a copper prospect north of Casa Grande, Arizona, and Mike Dibble (Phoenix, Arizona, phone 602/945-6023), a consulting mining engineer.

PROPERTY LOCATION AND STATUS

The property totals about 18,000 acres north of Asarco's new Sacaton open-pit. It includes 12 patented claims, 200 possessory claims, a 13,000-acre exploration lease on the Gila River Indian Reservation, and 5 claims plus two homestead tracts being purchased.

These lands are in secs. 1-18 and 21-24, T.5S, R.5E, GSRB & M. The Sacaton open-pit is in adjacent secs. 25-26. The property includes portions of the Sacaton Mtns. and the gravel-covered pediment.

COMPLETED WORK

A great deal of preliminary work has been done, but much of it has been wasteful. A geochemical survey, with 2,630 samples analyzed for 33 elements by emission spectroscopy, has indicated a 200 ppm copper and 10-50 ppm molybdenum anomaly "in two sections" and up to 500 ppm copper on the reservation.

Three I.P. surveys have been made by Geoterrex, Scintrex, and Heinrichs. It is alleged that two or three "fair" anomalies are indicated, only one of which has been drilled.

Both color and orthochromatic aerial photographs have been obtained, and topographic maps have been made. Geologic mapping has not been done, however.

A wagondrill and airtrack drill were used to drill 103 "short horizon" percussion holes to bedrock. This was probably done as claim assessment work, and no information was offered.

Nine deep holes were drilled through 650 feet of gravel to depths of about 1,000 feet. It is alleged that seven holes encountered mineralization containing 0.3-0.9 percent copper, with chalcopyrite and minor chalcocite associated with Laramide quartz monzonite sills. This drilling was confined to an area of 120 acres, and reserves inferred from erractic blocks are stated to be 36,000,000 tons containing 0.65-0.70 percent copper.

The owner stated that he is a licenced drilling contractor and implied that he did all of the drilling. However, it is possible that the deep drilling was that done by Union Oil in 1964.

PROPOSED TERMS

A standard lease-option agreement with property maintenance is being sought, but terms are indefinite. The owner is "very open" but expects to recover his expenditures through some payment schedule which might not include front money. A wish was expressed to negotiate the right to a small participating interest.

Property payments include $25,000 per year for the reservation lease, $1,000 per year for purchase of five patented claims, and $15,000 this year for purchase of two 120-acre tracts. Reservation lease payments of $18,000 have already been made, and the total remaining land payments during 1973 are therefore $23,000. Annual assessment expenditures for 200 unpatented claims must be at least $20,000, but this work can be localized and need not be distributed over the claim group.

CONCLUSION

John Kinnison was closely associated with Asarco's program in this area, and he is familiar with the property being offered. Former actions were promotional in character and included parking and erecting a drill which remained inactive for a year or more. Also, Sullivan was formerly associated with Bud Woolsey, who was for many years the leading opportunist and gadfly to the mining industry in the Southwest.

These are not promising circumstances, and they lead to expectations that a negotiated agreement would be exorbitant and that any program would be very speculative. The property has not been well handled, and insufficant effort has been made to reduce the holdings to only the most favorable areas although the 2-year exploration lease, which is for two-thirds of the property, apparently expires in July. Instead, the entire area is stated to be in a Tertiary mineralization belt and warrants thorough exploration.

PLANNED ACTION

Although there are several reasons for pessimism, it is possible that some of the completed work might be informative or revealing to

John Kinnison when added to his prior knowledge of the district. Therefore, plans are being made for him to examine the data obtained by Jim Sullivan. It is not expected that sufficient reason will be found to invite further interest, and the apparent promotional character of the holdings, a minimum expenditure of $43,000 and probable expectation of at least a $100,000 expenditure, and possible imminent loss of the reservation lease or payment of accelerating advance royalties are exorbitant burdens in any very speculative undertaking.

JJD:la

Attach.

COPPER - ARIZONA

SYNOPSIS OF PROSPECT

Name _____ Date 1-22-75

Commodity COPPER Letter ____ Phone EDW 1-19-75

Location North of Casa Grande, Pinal County, Arizona Other _____

In secs. 1-18, 21-24, T.5S., R.5E., adj. to Asarco's Sacaton property (secs. 25, 26).

Submitted by Mike DIBBLE, Consult. Min. Eng., Phoenix 602/945-6023

Jim SULLIVAN, owner, P.O. Box 3241, Scottsdale 85257

602/947-8075 (formerly in property acquis.; assoc. w/ Woolsey).

Property Status Patented 240 acres, fed. claims 4,000 acres, Gila R. Indian lease 13,000 acres ($25,000/yr). Buying 5 claims - $1,000/yr, and two 120-acre fee tracts - $15,000 due 1973 (sec. 24). Two-yr explor. lease expires 7/73.

History or Production _____

Previous Exploration Geochem (2,630 samples/E.S. 33 elements); color & B&W photos w/ topo.; 103 "short horizon" wagon & dispack; I.P. Geotherex, Scintrex, Heinrichs (3 fair anom.); nine deep holes, seven w/ 0.3-0.9% Cu, inferred 36 million tons @ 0.65-0.70% Cu in 120 acres (Union Oil '64?). Geochem 2 sec. + 200 ppm Cu, 10-50 ppm Mo.

Comments "Very open", recovers expend. in neg. schedule, neg. rt. to acquire small particip. interest w/ 1st refusal to KEM. Sullivan cited prior contacts w/ KCG & KI, Washington.

Action taken Instruct LEK, Tucson to examine data w/ field visit if warranted.

D. Durek

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

March 25, 1964

FILE MEMORANDUM

Sacaton Prospect
Union Oil Drilling

During 1963 the claims held by Woolsey, Sullivan and associates, were optioned to the Union Oil Company. Exploration on the ground was turned over to Heinrichs Geoexploration firm in Tucson. They ran magnetic and I.P. surveys and followed up by drilling. Bill Marlatt, of Heinrichs' staff, allowed me to see the core and discussed the drilling results. Just recently W. Heinrichs told me that Union had dropped the option.

In all, four holes were drilled. No. 1, located to the south in Sec 6 T6S, R5E, drilled only to 300 feet in valley conglomerate. Nos. 2, 3, and 4 were located north of Asarco land (att. map).

No. 2 encountered exotic (?) chrysocolla below 1000 feet; 3 and 4 were barren. Geologic logs are attached. Since the core will be returned to Sullivan, the highly colored copper zone in hole 2 will probably furnish him the means of promoting the property again.

ORIGINAL SIGNED BY
JOHN E. KINNISON

JOHN E. KINNISON

JEK/jk
cc: JHCourtright
JRWojcik
JEKinnison

No. 2 Rotary with occasional core runs to 826'. Cased and cored NXwl 826-1455' TD. B. R. at 650 (?). Tr. of green Cu at 726'. Core run @ 670' appears to be weathered bedrock; hematite-soaked breccia.

826-1455' Cored: Granite (pre-C?) bx soaked with hematite, and some quartz porphyry. Gr. wk alt mostly, but some sericite and live lim? diss. High-angle shears throughout. Strongest copper zone is qtz por. -- exotic chrys. along steep fractures, and flooding rock.

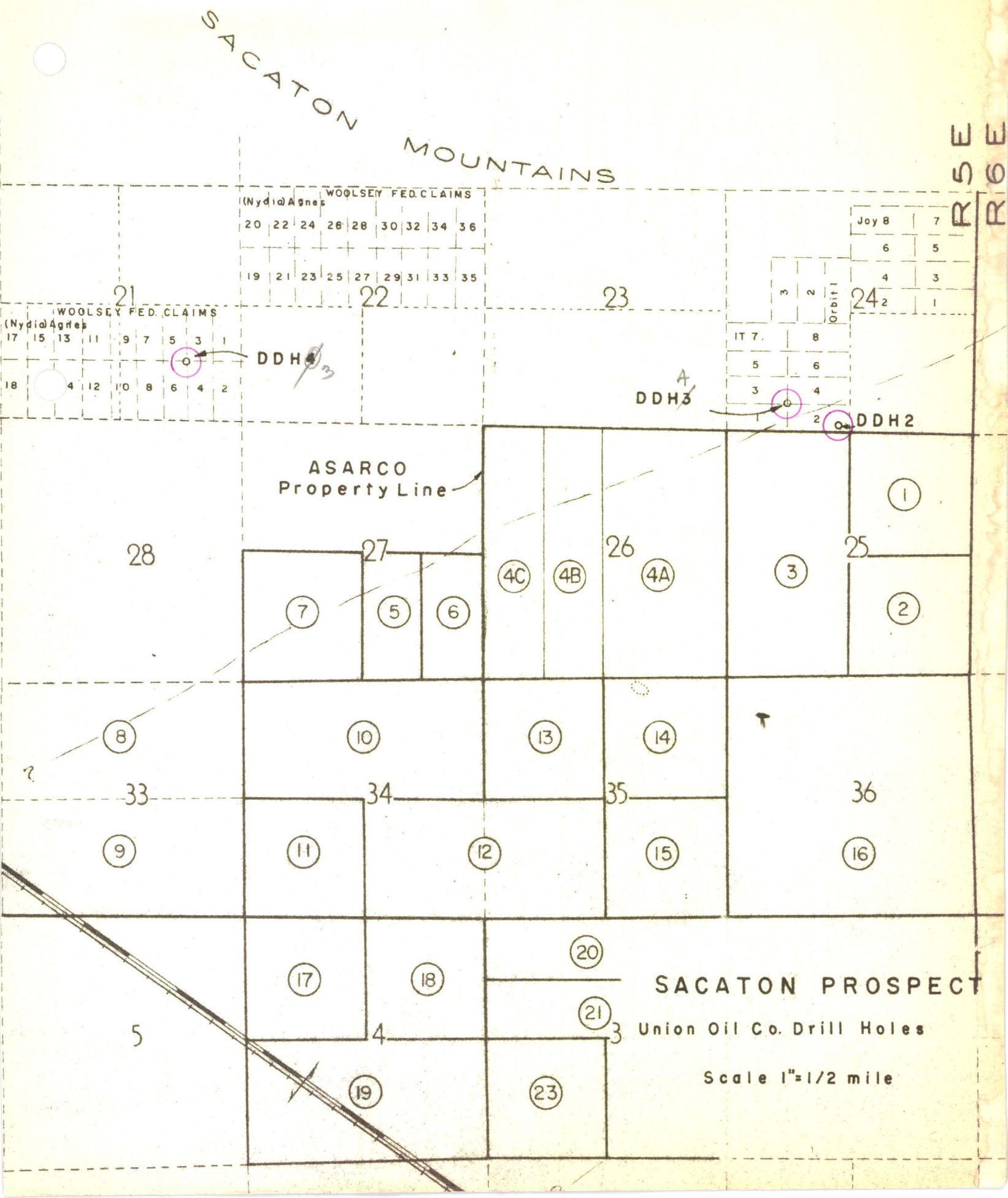
Hole probably is cutting through wide fault zone.

Assays: 1034-1076, 42' av. 1.34% Cu.

No. 3 B. R. at 215' - Rotary cuttings.
Cored NXwl 225-344 TD.
Bedrock is a mafic granotoid rock with considerable magnetite.
Probably diorite or granodiorite.
No alteration. Hole drilled on the edge of a magnetic high (as surveyed by Heinrichs).

No. 4 675' TD. Rotary with occasional cored intervals. Probably gas line conglomerate. Recovered Coolidge granite core pieces maximum of 3" long. Poor core recovery. The driller thought the last 50 or 100 feet was bedrock. If so, it is composed of unaltered Coolidge gr. -- samples not good and so the distinction of bedrock from them was not possible. The appearance of recovered core fragments and low recovery suggests the hole did not reach granite bedrock.

GILA RIVER INDIAN RESERVATION



Sweeton – Sullivan

~~6 weeks Free~~ +2000 on State ½ Sec
~~extension 4 Mo $5000~~
~~10,000 for 4 Mo + 25000 Work (12.5 on drilling)~~
~~10,000 for 4 Mo Next~~
~~10,000 for Next 4 Mo~~

~~2 Mill upset~~

J. E. K.
AUG 16 1972

6 Weeks free
4 Mo @ 5000 + $25,000 work
extensions. 4 Mo @ 5000 + $25,000 work

Option period:
4 Mo @ 10,000
+ 3 ext of 4 Mo @ 10,000

2 Mill upset

Sketch for [redacted]

CASA GRANDE QUADRANGLE

GILA RIVER INDIAN RESERVATION

SACATON MOUNTAINS

SACATON OREBODY APPROX

ASARCO HOLDINGS

I.P.-MAGNETIC ANOMALY

STATE

FEDERAL

Wash

AREAS INVOLVED IN PROPOSED OPTION

PROSPECTING PERMITS ON STATE LAND
MINING CLAIMS ON FEDERAL LAND

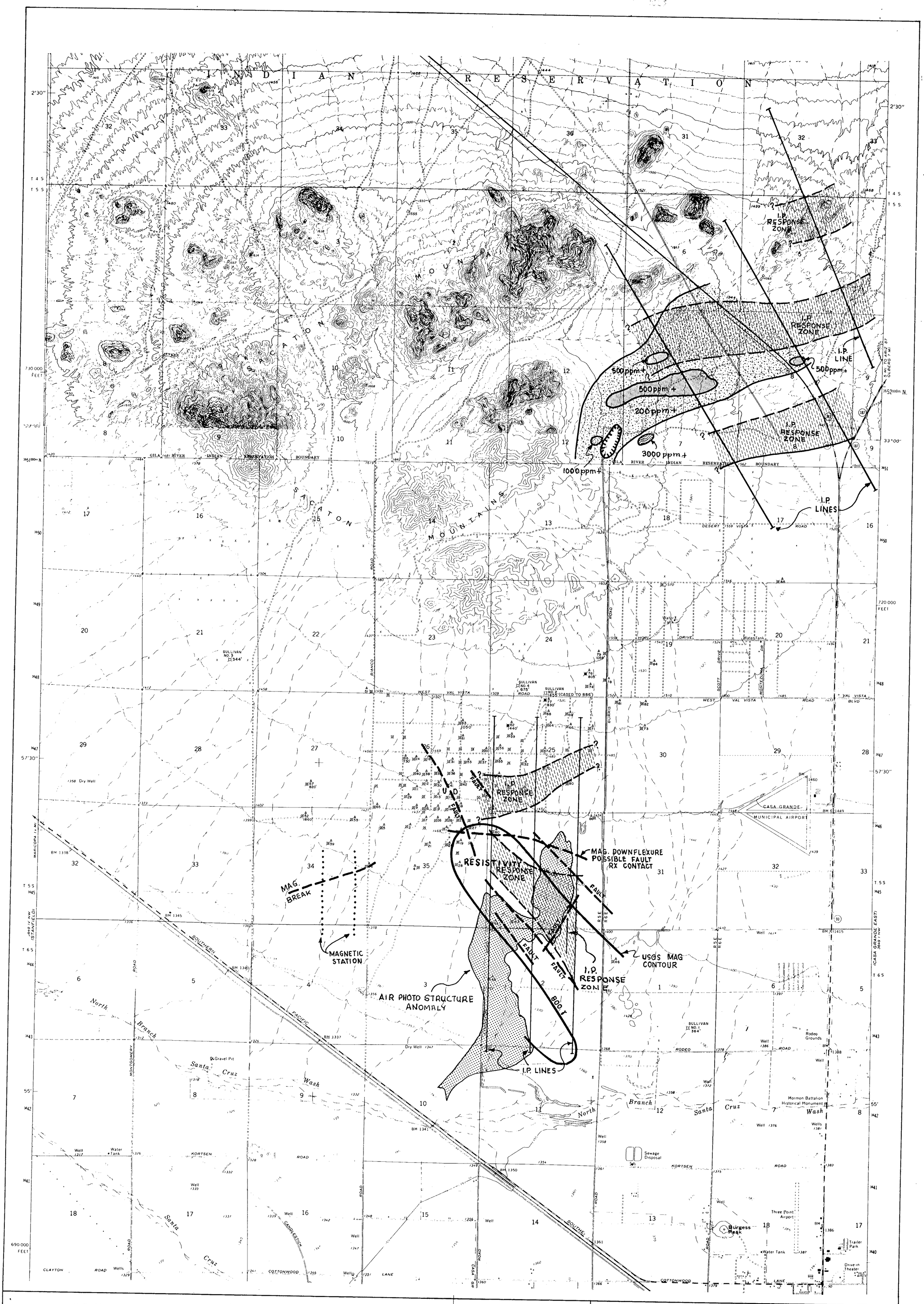
I.P. & MAGNETIC COVERAGE

SCALE: 1" = 1 mile

note: lands immediately adjacent to the above colored areas are private or mineral rights otherwise held — in both cases possibly negotiable

Casa Grande

HEINRICHS GEOEXPLORATION CO.
P. O. BOX 5964
TUCSON, ARIZONA 85703



INFORMATION

- ⊠ A 28 620' — DENOTES DRILL HOLE SITE
  A = A. S. & R.
  620' = TOTAL DEPTH
  28 = DRILL HOLE NUMBER
  ⊠ = DRILL HOLE LOCATION
  ■ = MINERALIZED DRILL HOLE
- ⌑ — DENOTES DRILL HOLE FOR SULLIVAN
- x — LOCATION PIT

MAGNETIC NORTH DECLINATION

0 1/4 1/2 1 MILE

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

SCALE: 1" = 1 MILE	CONTOUR INTERVAL: 10'	REVISIONS
	DATA BY:	7/1/72
DATE: NOV 5TH 1971	SHEET 2 OF 3	
DRAWN BY: RLM	DRAWING NO.: 100	FILE:

PROPERTY OF

JAMES SULLIVAN

LOCATIONS

FOR

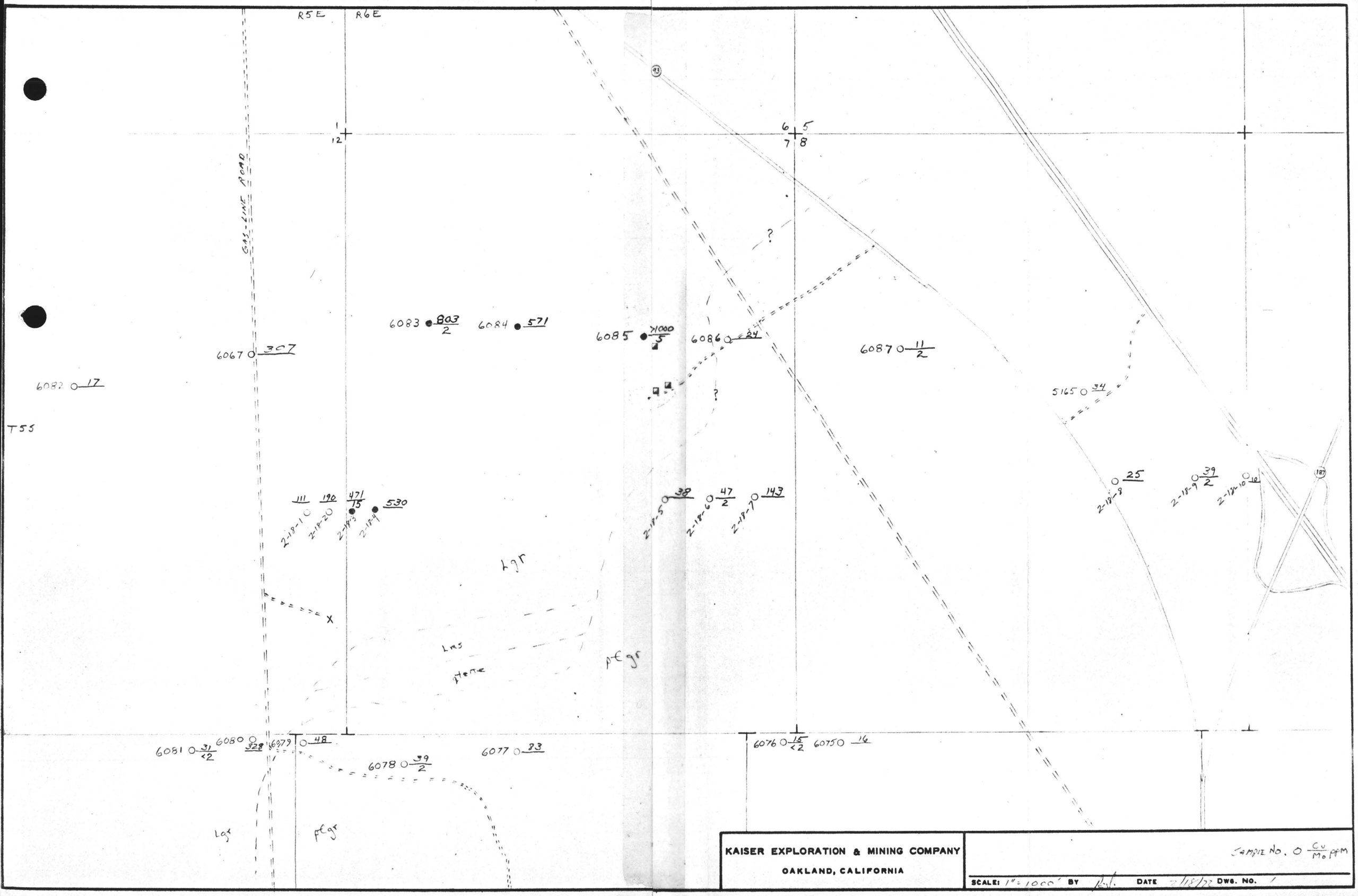
BASE MAP BY: J. SULLIVAN & CO.
P. O. BOX 3241
SCOTTSDALE, ARIZONA

INFORMATION: HEINRICHS GEOEXPLORATION CO.
P. O. BOX 5671
TUCSON, ARIZONA

SACATON PROJECT
CASA GRANDE
PINAL COUNTY, ARIZONA

J. E. K.

FEB 24 1973



KAISER EXPLORATION & MINING COMPANY

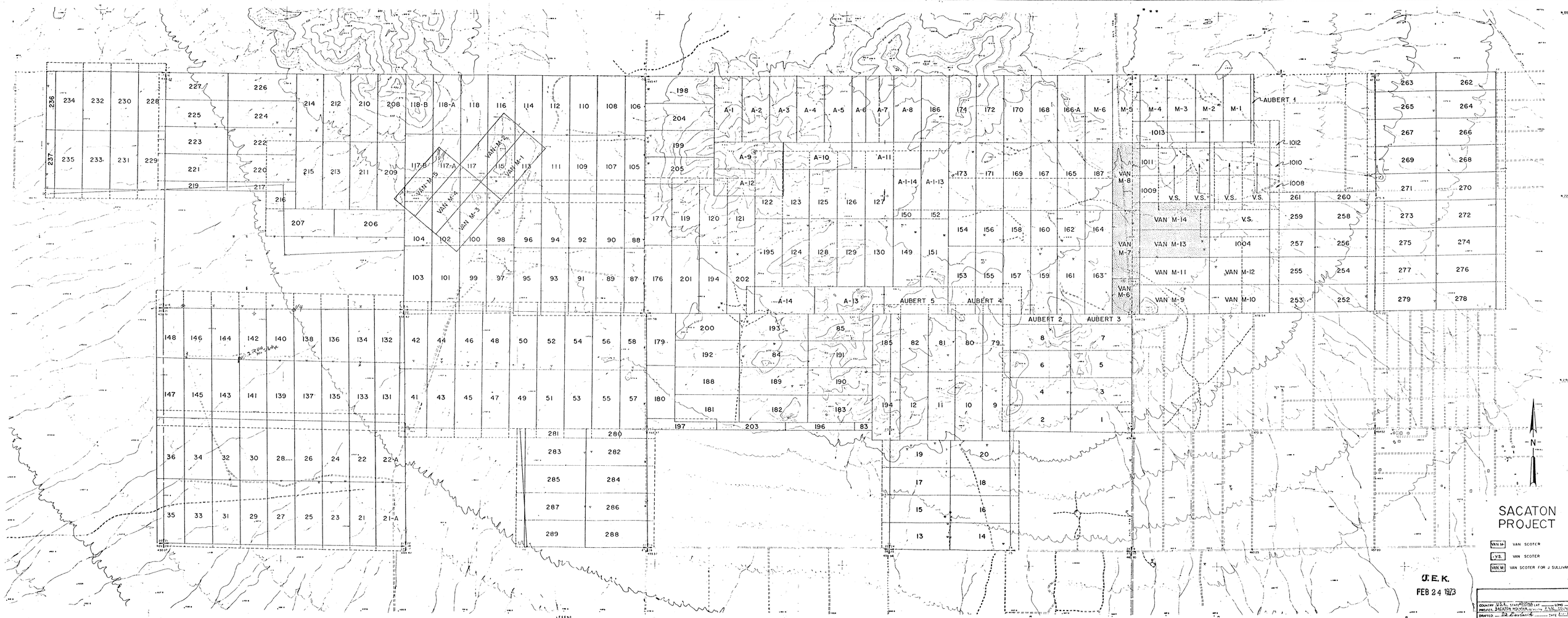
OAKLAND, CALIFORNIA

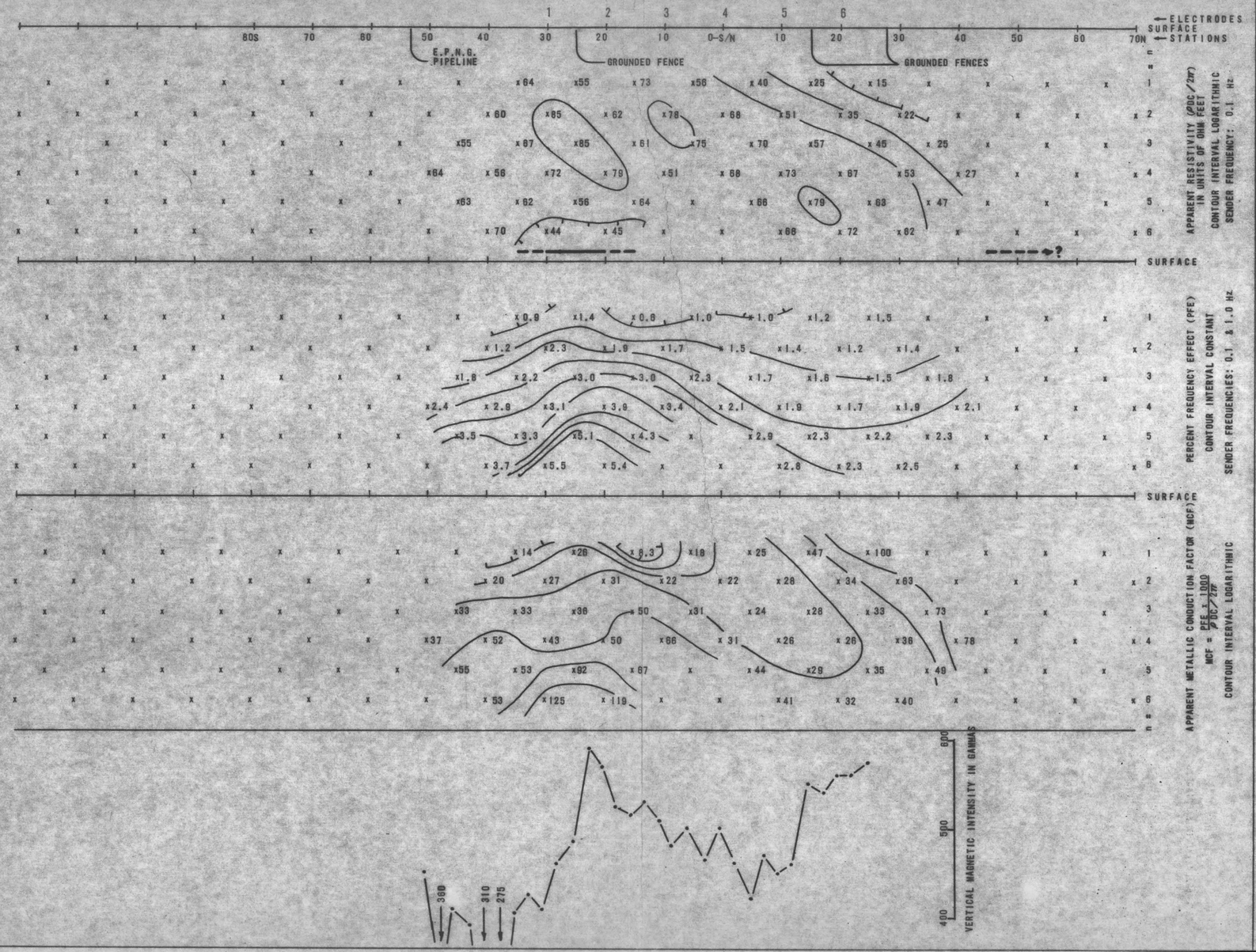
SAMPLE No. O Cu/Mo PPM

SCALE: 1" = 1000' BY [illegible] DATE 2/18/72 DWG. NO. 1

scanned
7/13/11

John Kinnison personal Copy





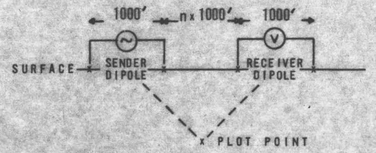
684-772

LINE NO.
1
SPREAD(S)
1

INDUCED POLARIZATION TRAVERSE SECTIONAL DATA SHEET for J. SULLIVAN & COMPANY, INC.

RELATIVE ANOMALY STRENGTH

DIPOLE DIPOLE ELECTRODE ARRAY



AREA
CASA GRANDE - SACATON
LOOKING
WEST
DATE
JAN 1972

HEINRICHS
GEOEXPLORATION COMPANY
GEOPHYSICAL ENGINEERS
AUSTRALIA
(SYDNEY)
39 Hume Street
Crows Nest, NSW
Phone: 439-1793
U.S.A.
Post Office Box 5984
Tucson, Arizona 85703
Phone: (602) 623-0576
Cable: GEOEX, Tucson

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7/13/11