



## **CONTACT INFORMATION**

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Phoenix, AZ 85007  
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<http://www.azgs.az.gov>  
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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 01/15/2003

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: CLARK GROUP

ALTERNATE NAMES:

BLACK BEAUTY

PIMA COUNTY MILS NUMBER: 364

LOCATION: TOWNSHIP 17 S RANGE 10 E SECTION 36 QUARTER SW  
LATITUDE: N 31DEG 54MIN 22SEC LONGITUDE: W 111DEG 16MIN 44SEC  
TOPO MAP NAME: PALO ALTO RANCH - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

SILVER

BIBLIOGRAPHY:

FULL, ROY P., INDIAN CLAIMS COMM DOCKET 345,  
V. I, P. 149, 1970  
ADMMR CLARK GROUP FILE  
ADMMR SUNSHINE GROUP FILE

SUNSHINE GROUP

PIMA COUNTY

MG WR 2/27/81: Visited the Clark Mine, Papago Mining District, Pima County. The property is inactive.

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*Do Not Copy*  
CLARK GROUP (Also known as Black Beauty)

PIMA COUNTY

T17S, R10E, sec26&36

GI/WR 1/29/79 - Marvin Combs for info. on OME loans, gave him the telephone number and address of the OME officer in Denver. He had some high-grade lead silver that he had recovered from the Aguinaldo (Black Beauty) mine Pima Co. S26, T17S, R10E. 4/19/79 a.p.

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CLARK GROUP

PIMA COUNTY

Phone call - Mr. Wm. Hardwick about 36 tons of lead from Clark Mine in S36, T17S, R10E.  
GWI WR 1-4-69

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State Land Department confirms lease to Marvin Combs, 918 W. Santa Maria, Tucson, Arizona  
85706. GW 4-1971

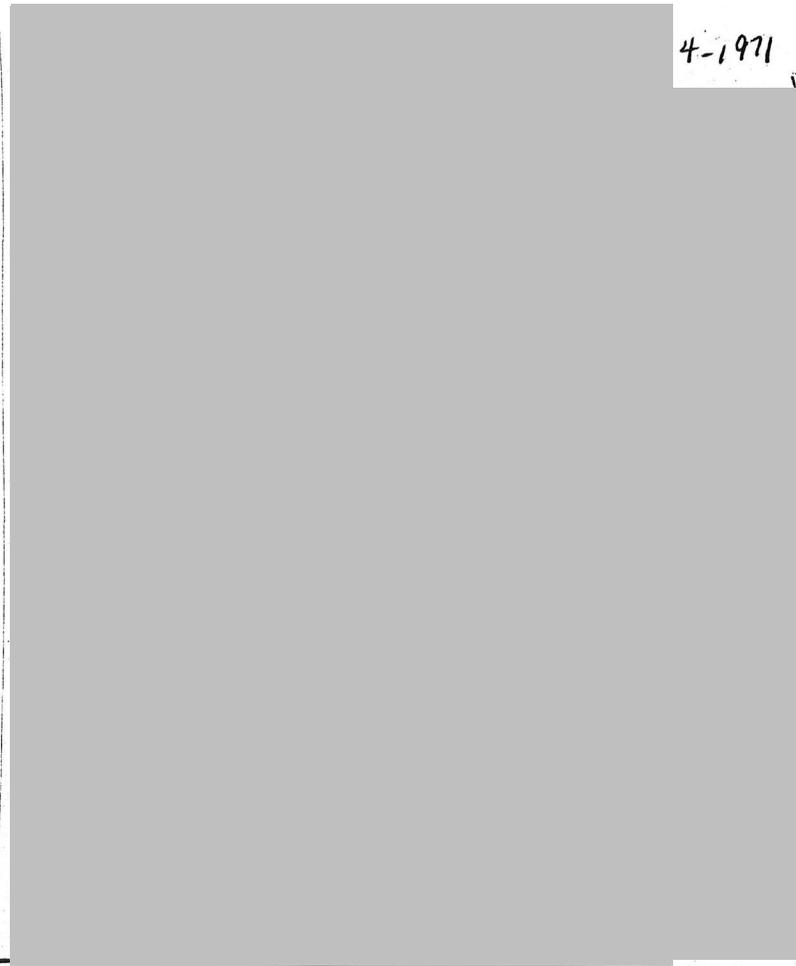
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Went to Emperor Mines, Ltd. property on west side of Sierrita Mountains, Pima County. The prospects are partially in Sec. 36, T17S, R10E. Here a great deal of dozing has been done, mainly for drill sites. A number, perhaps 10 or 12, sites were noted over a N-S distance of approximately  $1\frac{1}{2}$  miles along an upturned bed of slightly metamorphosed limestone. The sites were well marked by stakes on which were written the hole number and the proposed depth; but no holes were drilled. The only place where any production could have been made was the south one of 6 old short adits where the portal had been blasted to about 10' x 10' x 12' high. Here most of the mineralization noted was MnO<sub>2</sub> with a few small streaks of galena; perhaps 10-20 tons could have resulted from this work. The farthest south dozing was at an old vertical shaft (about 25' deep) in limestone where the mineral showing was light-colored limonite. All the work appeared to have been done several months ago (weeds were growing at some of the drill sites). A small diesel A-C loader and 105 cfm G-D portable compressor were about 100 ft. from the gate to Highway 286. No one was on the property nor was there any evidence found of a campsite. GW WR 4-2-71

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4-1971

USGS Bull. 725  
Ariz. Mining Journal, 12/15/22, p. 9

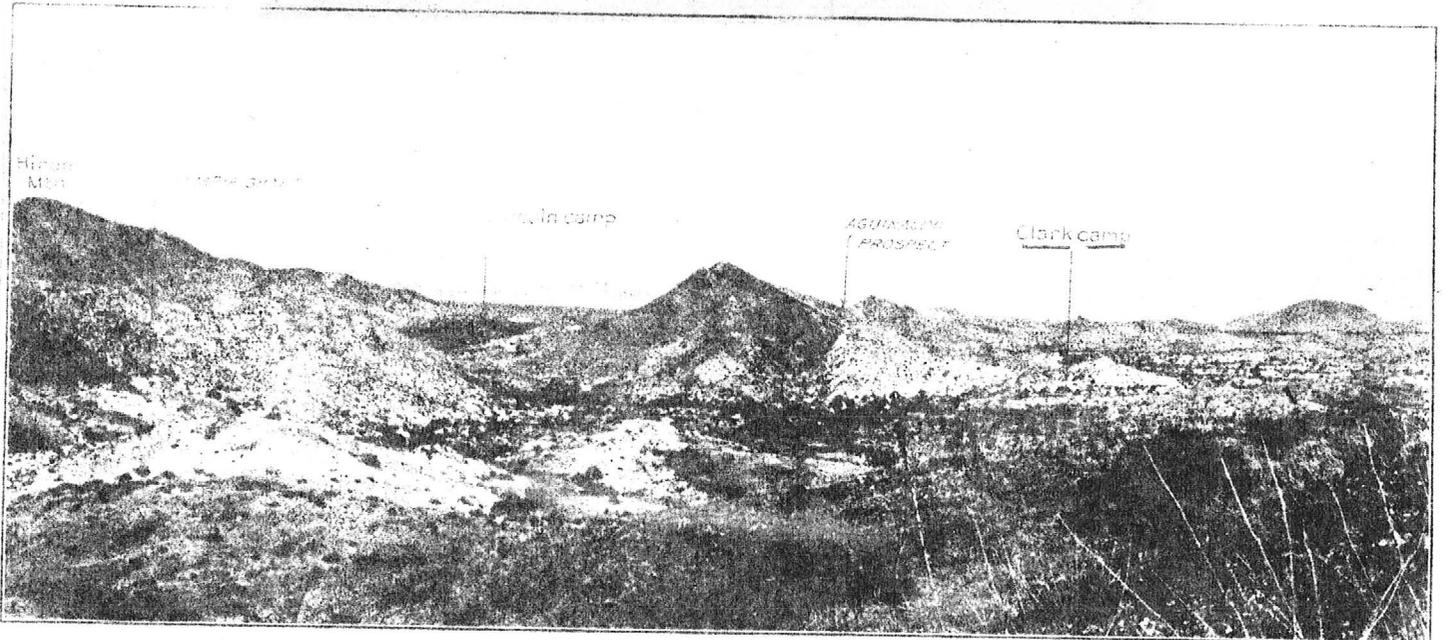


The Clark group of 10 claims lies north of the Olympia, partly on the same limestone ridge. Most of the work on this group, however, has been done to the east of the ridge and close to the granite. Here a little isolated hill (Pl. XVIII) composed mainly of limestone contains bunches of vein quartz and more or less thoroughly silicified limestone. No regular or persistent vein was recognized, but a few tons of partly oxidized silver ore has been shipped from scattered shallow pits and trenches. Supergene enrichment has probably been active here, and the appearance of the surface is not indicative of the presence of large or deep ore bodies. The Clark No. 2 and Clark No. 3 claims lie west of the Clark No. 1, on the same limestone ridge as the Olympia. They show a few small, irregular streaks of copper-stained, oxidized silver ore in silicified limestone, but the metallization has apparently been feeble, and the prospects for finding an ore body of considerable size can not be considered encouraging.

USGS Bull. 725

USGS Bull. 725

PLATE XVIII



GENERAL VIEW TO THE NORTHWEST IN THE FOOTHILL BELT OF THE SIERRITA MOUNTAINS, PAPAGO DISTRICT, ARIZ.

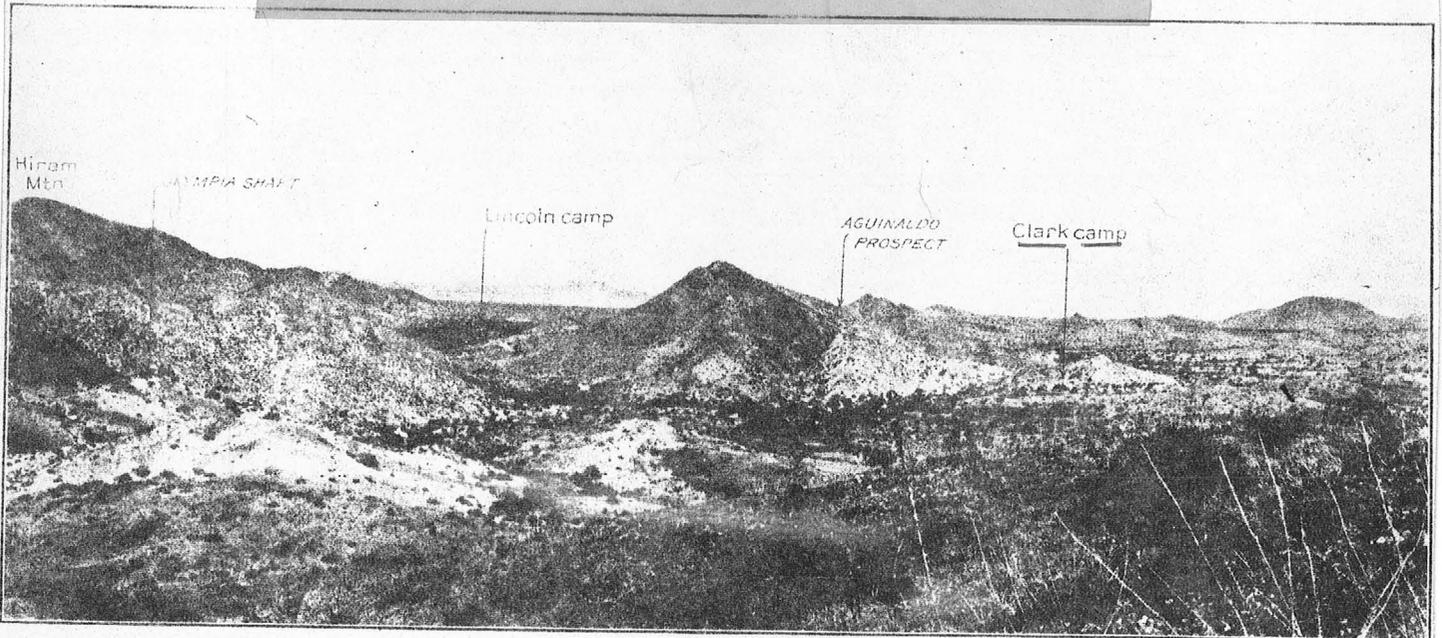
The slope in the foreground is on granite and descends to a little valley beyond which is the limestone containing the Olympia and Aguinaldo prospects. Through a gap in this ridge may be seen Lincoln camp, and beyond it, to the left, is the schist mass of Hiram Mountain.

USGS Bull. 725  
Ariz. Mining Journal, 12/15/22, p.  
9

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USGS Bull. 725

BULLETIN 725 PLATE XVIII



GENERAL VIEW TO THE NORTHWEST IN THE FOOTHILL BELT OF THE SIERRITA MOUNTAINS, PAPAGO DISTRICT, ARIZ.

The slope in the foreground is on granite and descends to a little valley beyond which is the limestone containing the Olympia and Aguinaldo prospects. Through a gap in this ridge may be seen Lincoln camp, and beyond it, to the left, is the schist mass of Hiram Mountain.

ASSAYS & SCHEMATIC GEOLOGIC SECTION  
 DRILL HOLES 4, 5, 6, 9 & 9

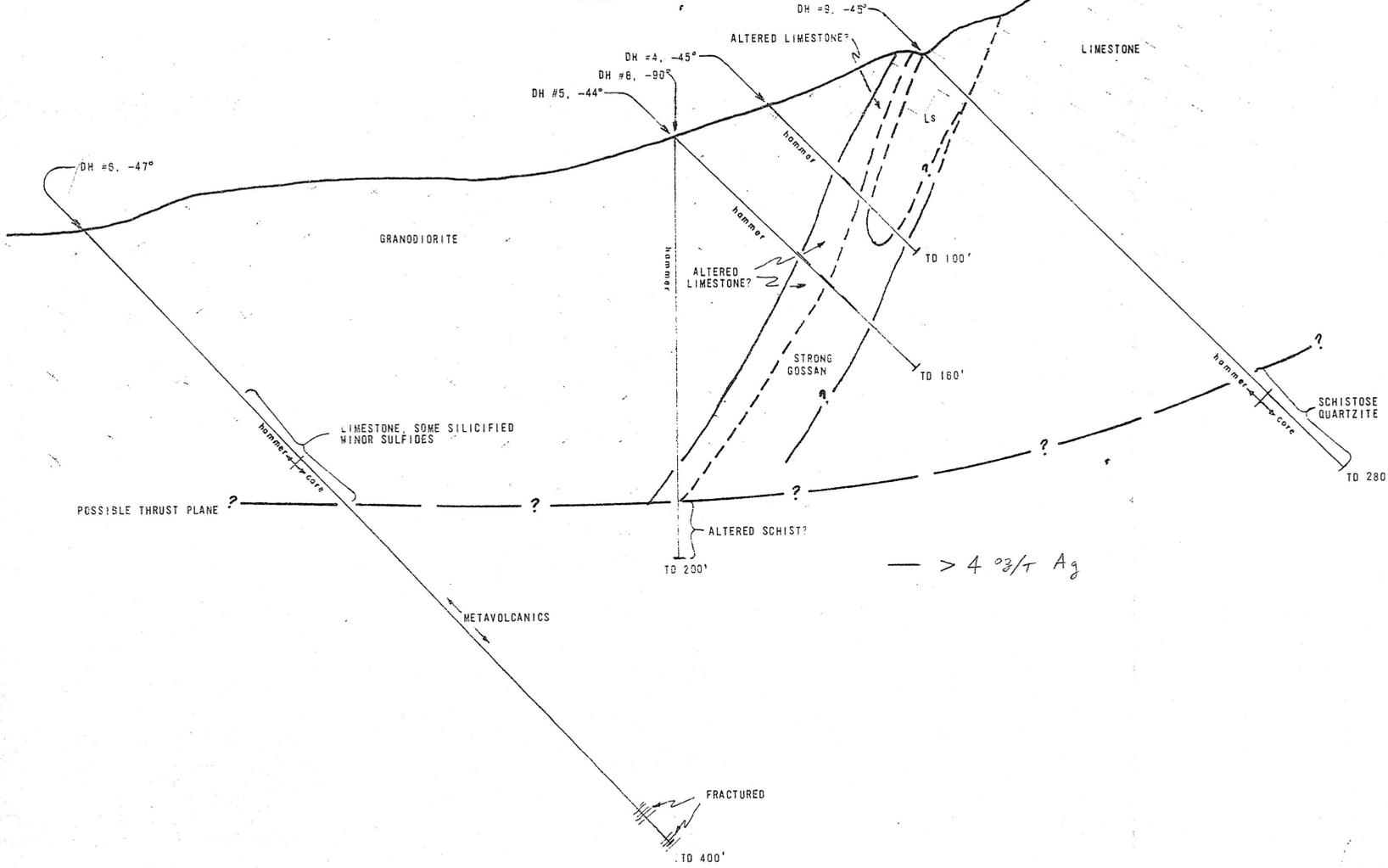
of.  
 AGUINALDO AREA  
 PIMA COUNTY, ARIZONA

for  
 DREYFUS-NOKOTA-BRIDGER-BRUCE

by  
 HEINRICHS GEOEXPLORATION COMPANY  
 P. O. BOX 5964, TUCSON, AZ 85703  
 Job number 902-74 September 1974

LOOKING SOUTHEASTERLY

SCALE: 1" = 50'



Ag Assays  
 in oz/ton

DH #4

40' - 45'	2.45
45' - 50'	1.60
50' - 55'	4.85
55' - 60'	1.85
60' - 65'	2.70
65' - 70'	1.35
70' - 75'	0.45
75' - 80'	1.10
80' - 100'	0.60

DH #5

70' - 80'	0.60
80' - 85'	11.45
85' - 90'	6.20
90' - 95'	0.75
95' - 100'	17.00
100' - 105'	4.25
105' - 110'	1.15
110' - 115'	6.10
115' - 120'	8.40
120' - 125'	2.65
125' - 130'	2.30
130' - 135'	1.30
135' - 160'	0.15

DH #6

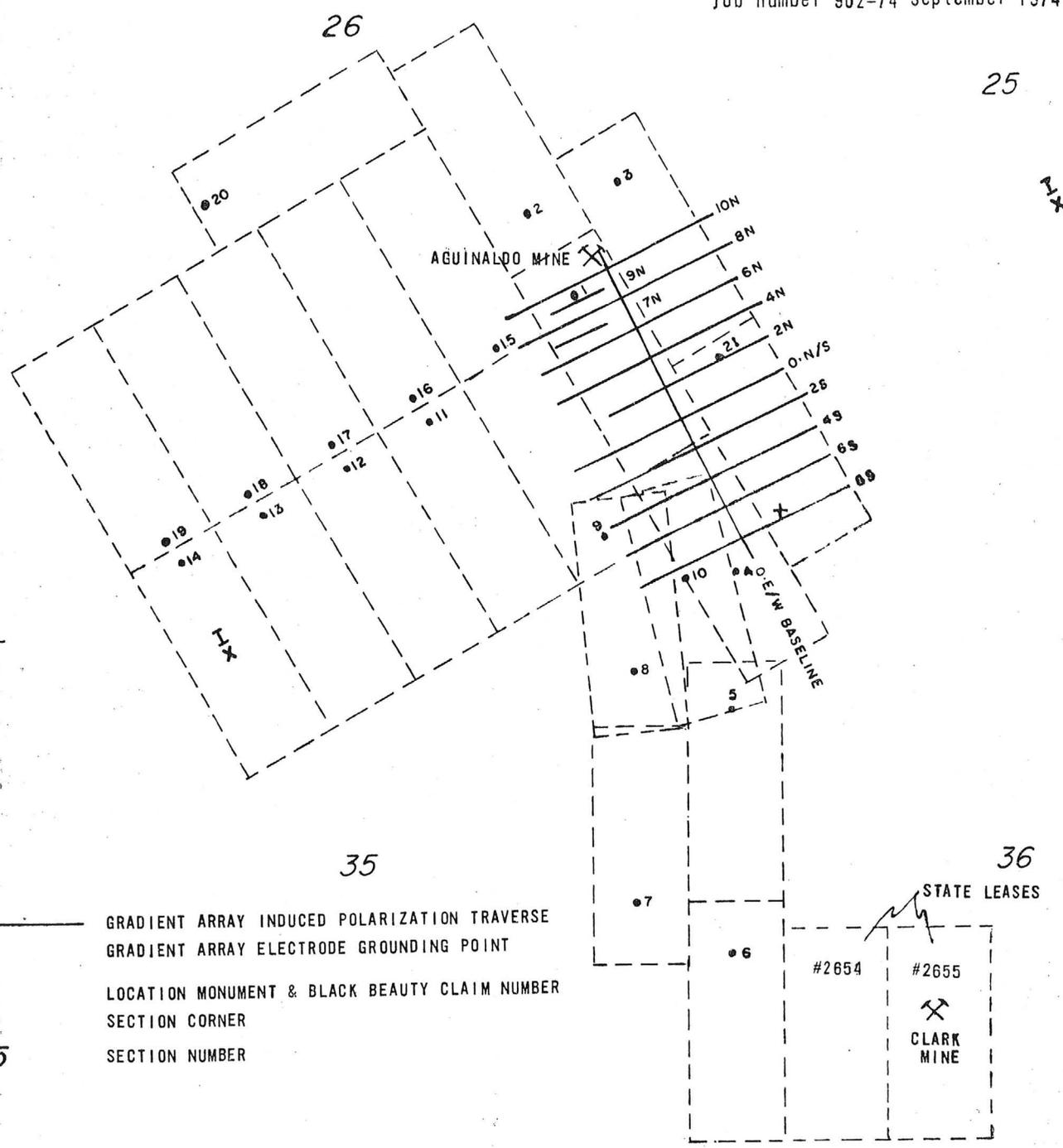
90' - 100'	0.05
100' - 110'	0.10
110' - 120'	0.15
120' - 130'	0.10
130' - 140'	0.05
140' - 147'	0.10

DH #9

150' - 155'	0.25
155' - 160'	1.80
160' - 165'	0.55
165' - 170'	0.30
170' - 180'	0.15
180' - 190'	0.10
190' - 200'	0.10

NOTE: All above intervals  
 also assayed for Au and  
 were 0.015 oz/ton or less.

LOCATION PLAN  
 OF  
 BLACK BEAUTY CLAIM GROUP  
 AND  
 GEOPHYSICAL SURVEY  
 IN  
 AGUINALDO AREA, PIMA COUNTY, ARIZONA  
 FOR  
 NOKOTA-BRIDGER-BRUCE  
 BY  
 HEINRICHS GEOEXPLORATION COMPANY  
 Job number 902-74 September 1974



I — GRADIENT ARRAY INDUCED POLARIZATION TRAVERSE  
 X — GRADIENT ARRAY ELECTRODE GROUNDING POINT  
 •12 — LOCATION MONUMENT & BLACK BEAUTY CLAIM NUMBER  
 + — SECTION CORNER  
 25 — SECTION NUMBER



T 17 S, R 10 E

AS S & SCHEMATIC GEOLOGIC SECTION  
 DRILL HOLES 2, 2A, & 7

of  
 AGUINALDO AREA, PIMA COUNTY, ARIZONA  
 for

DREYFUS-NOROKA-BRIDGER-BRUCE  
 by

HEINRICH'S GEOEXPLORATION COMPANY  
 P. O. Box 5964, Tucson, Az 85703  
 Job number 902-74 September 1974

Ag Assays in  
 oz/ton

DH #2

45' -49'	4.60
49' -54'	35.50
54' -61'	3.65
61' -70'	1.15

DH #2A

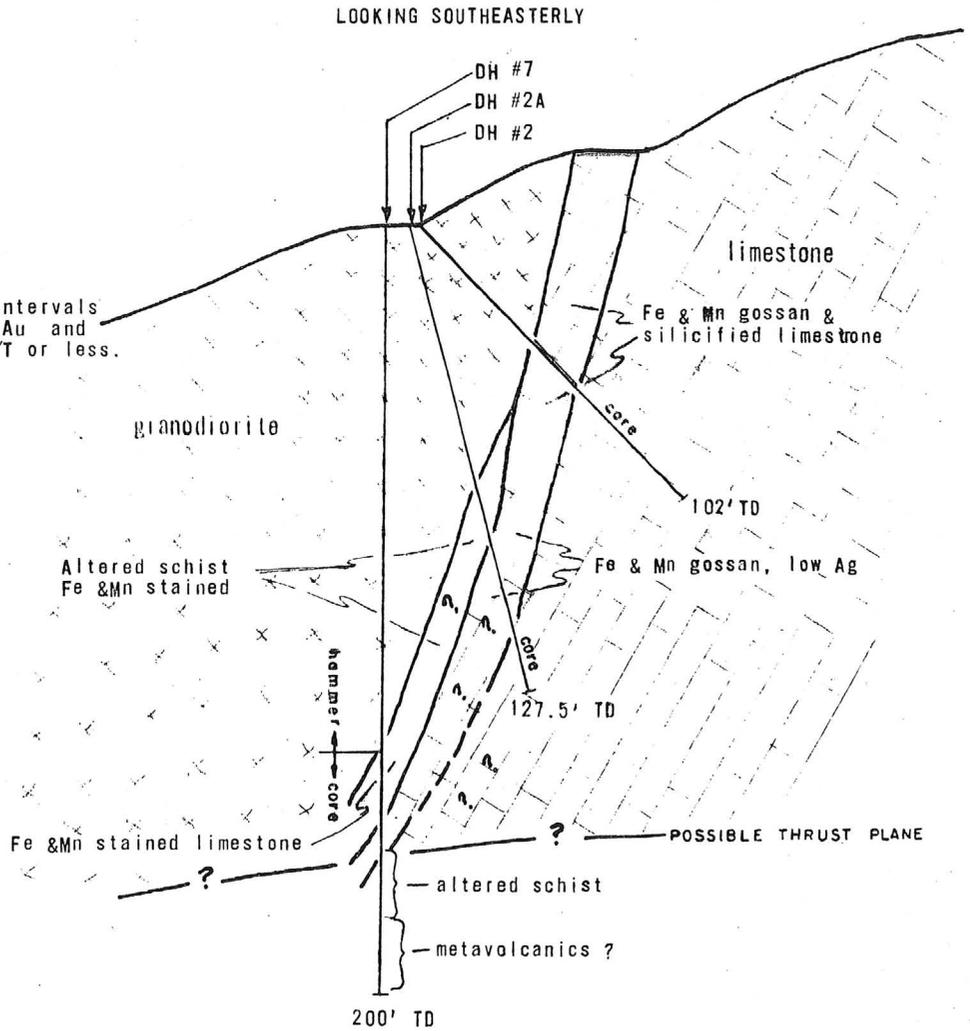
62' -67'	0.45
67' -72'	0.15
72' -77'	0.10
77' -82'	0.15
82' -86.5'	0.30
86.5' -93.5'	2.20
93.5' -103'	0.75
103' -108'	1.35
108' -112.5'	1.00
112.5' -120'	0.65
120' -127.5'	0.25

DH #7

139' -147'	0.85
147' -155'	0.30
155' -159'	0.35
167' -174'	0.30
174' -180'	0.15

NOTE: All above intervals  
 also assayed for Au and  
 all were 0.02 oz/T or less.

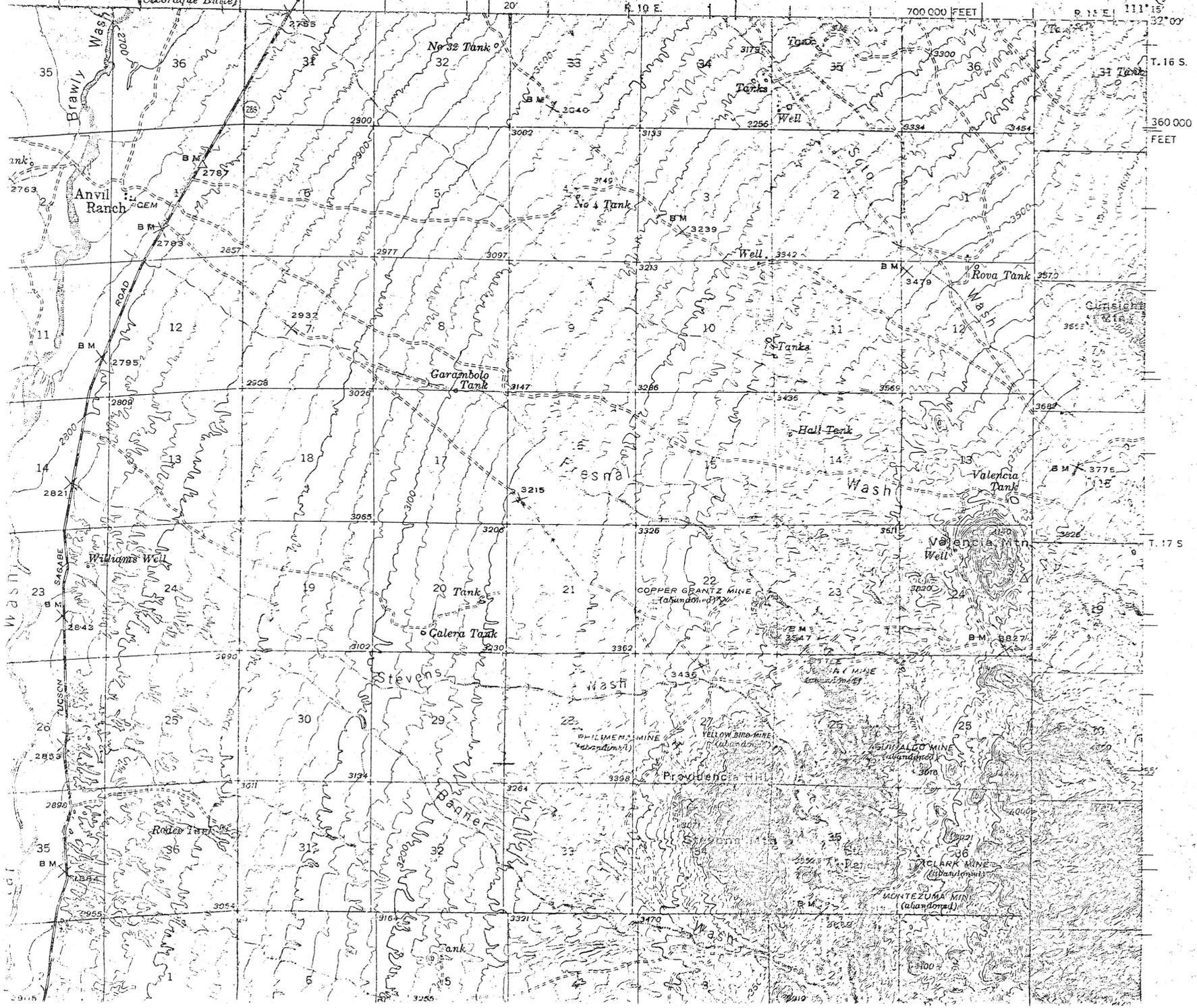
— > 4 oz/T Ag



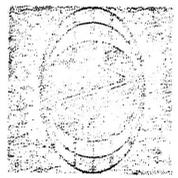
SCALE: 1" = 50'

ARIZONA  
(PIMA COUNTY)  
PALO ALTO RANCH QUADRANGLE  
15-MINUTE SERIES

TUCSON 30 MI.  
ROBLES RANCH (JUNC. ARIZ. 86) 6 MI.



P. O. BOX 5964. TUCSON, ARIZONA 85703. 806 WEST GRANT ROAD. PHONE: (602) 623-0578



HEINRICHS EXPLORATION COMPANY

ARIZONA DEPARTMENT OF MINES & REOURCES

Mineral Building, Fairgrounds

Phoenix, Arizona

- 1. Information from: Mine Visit  
Address: \_\_\_\_\_
- 2. Mine: Clark Group (file) 3. No. of Claims - Patented ?  
(Black Beauty same) Unpatented \_\_\_\_\_
- 4. Location: Palo Alto Ranch Quadrangle 15" - Stevens Mts 7 1/2"
- 5. Sec 26 Tp 17S Range 10E 6. Mining District Papago
- 7. Owner: \_\_\_\_\_
- 8. Address: \_\_\_\_\_
- 9. Operating Co.: Emperor Mines Ltd.
- 10. Address: \_\_\_\_\_
- 11. President: \_\_\_\_\_ 12. Gen. Mgr.: Einar C. Erickson Consultant.  
Exploration Drilling Inc  
CLINE ST. LAS VEGAS 89107
- 13. Principal Metals: \_\_\_\_\_ 14. No. Employed: 0 at time of visit
- 15. Mill, Type & Capacity: \_\_\_\_\_
- 16. Present Operations: (a) Down  (b) Assessment work  (c) Exploration   
(d) Production  (e) Rate \_\_\_\_\_ tpd.
- 17. New Work Planned: \_\_\_\_\_
- 18. Misc. Notes: Called Black Beauty controlled by Emperor Mines  
LTD. <sup>Hump mine</sup> ~~area~~ Mine area reported Bedded zone  
3500' long  
reported to have shipped ~~60T~~ 60T Hi Grade to ASARCO

Date: 5-20-71

[Signature]  
(Signature)

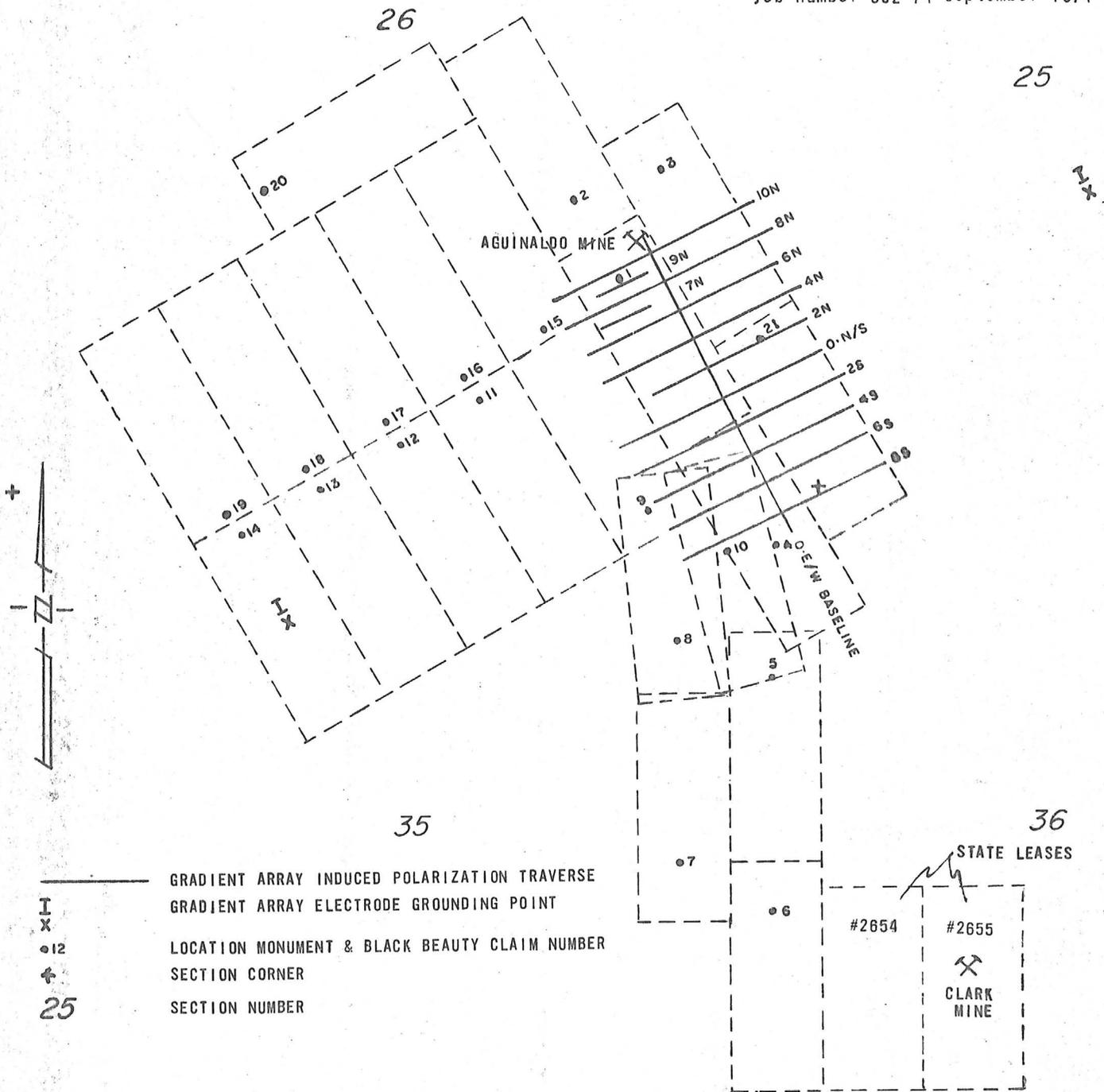
(Field Engineer)

HEINRICH  
**GEOEX**



GEOPHYSICAL ENGINEERS  
TUCSON, ARIZONA  
P. O. BOX 5671  
PHONE (602) 623-0578  
CABLE GEOEX TUCSON

+  
 LOCATION PLAN  
 OF  
 BLACK BEAUTY CLAIM GROUP  
 AND  
 GEOPHYSICAL SURVEY  
 IN  
 AGUINALDO AREA, PIMA COUNTY, ARIZONA  
 FOR  
 NOKOTA-BRIDGER-BRUCE  
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 Job number 902-74 September 1974



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 X — GRADIENT ARRAY ELECTRODE GROUNDING POINT  
 ●12 — LOCATION MONUMENT & BLACK BEAUTY CLAIM NUMBER  
 † — SECTION CORNER  
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+ T 17 S, R 10 E +

ASSAYS & SCHEMATIC GEOLOGIC SECTION  
 DRILL HOLES 2, 2A, & 7

of

AGUINALDO AREA, PIMA COUNTY, ARIZONA

for

DREYFUS-NOKOTA-BRIDGER-BRUCE

by

HEINRICH'S GEOEXPLORATION COMPANY

P. O. Box 5964, Tucson, Az 85703

Job number 902-74 September 1974

Ag Assays in  
 oz/ton

DH #2

45' - 49'	4.60
49' - 54'	35.50
54' - 61'	3.65
61' - 70'	1.15

DH #2A

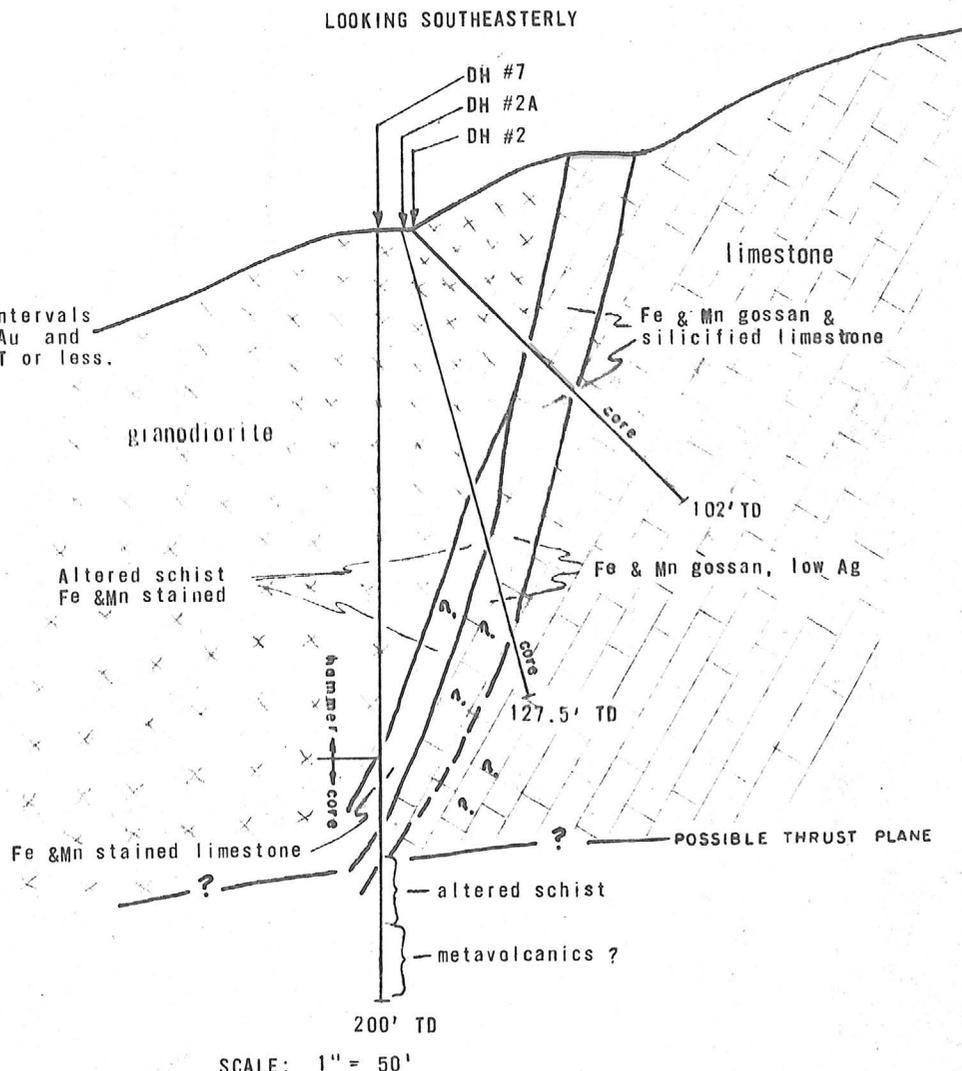
62' - 67'	0.45
67' - 72'	0.15
72' - 77'	0.10
77' - 82'	0.15
82' - 86.5'	0.30
86.5' - 93.5'	2.20
93.5' - 103'	0.75
103' - 108'	1.35
108' - 112.5'	1.00
112.5' - 120'	0.65
120' - 127.5'	0.25

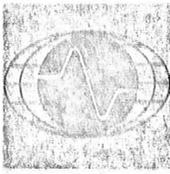
DH #7

139' - 147'	0.85
147' - 155'	0.30
155' - 159'	0.35
167' - 174'	0.30
174' - 180'	0.15

NOTE: All above intervals also assayed for Au and all were 0.02 oz/T or less.

— > 4 oz/T Ag





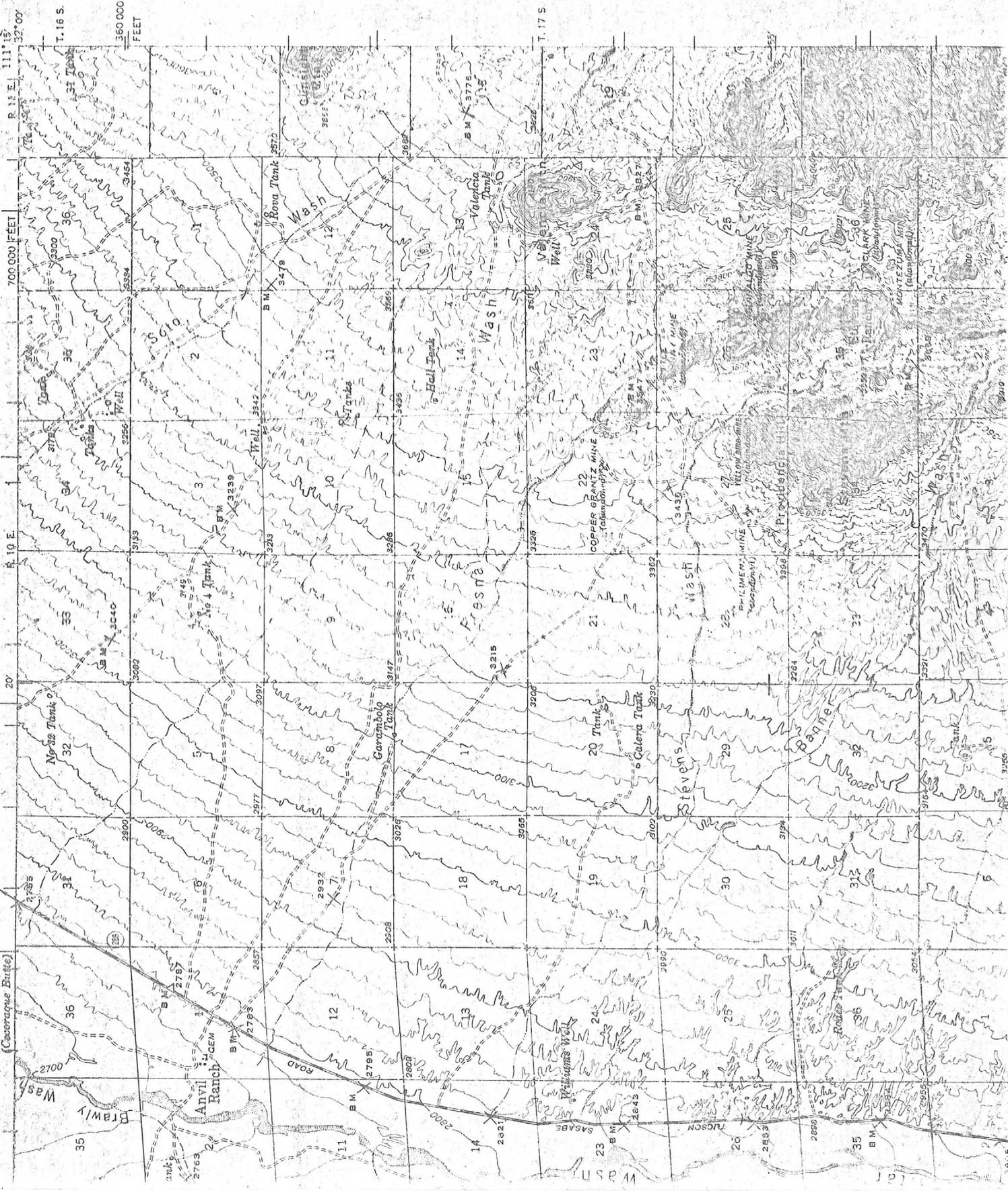
# HEINRICH'S GEOEXPLORATION COMPANY

P. O. BOX 5964. TUCSON, ARIZONA 85703. 806 WEST GRANT ROAD. PHONE: (602) 623-0578

ARIZONA  
(PIMA COUNTY)

## PALO ALTO RANCH QUADRANGLE 15-MINUTE SERIES

TUCSON 30 MI.  
ROBLES RANCH (JUNC. ARIZ. 86) 6 MI.



ASSAYS & SCHEMATIC GEOLOGIC SECTION  
 DRILL HOLES 4, 5, 6, 8 & 9

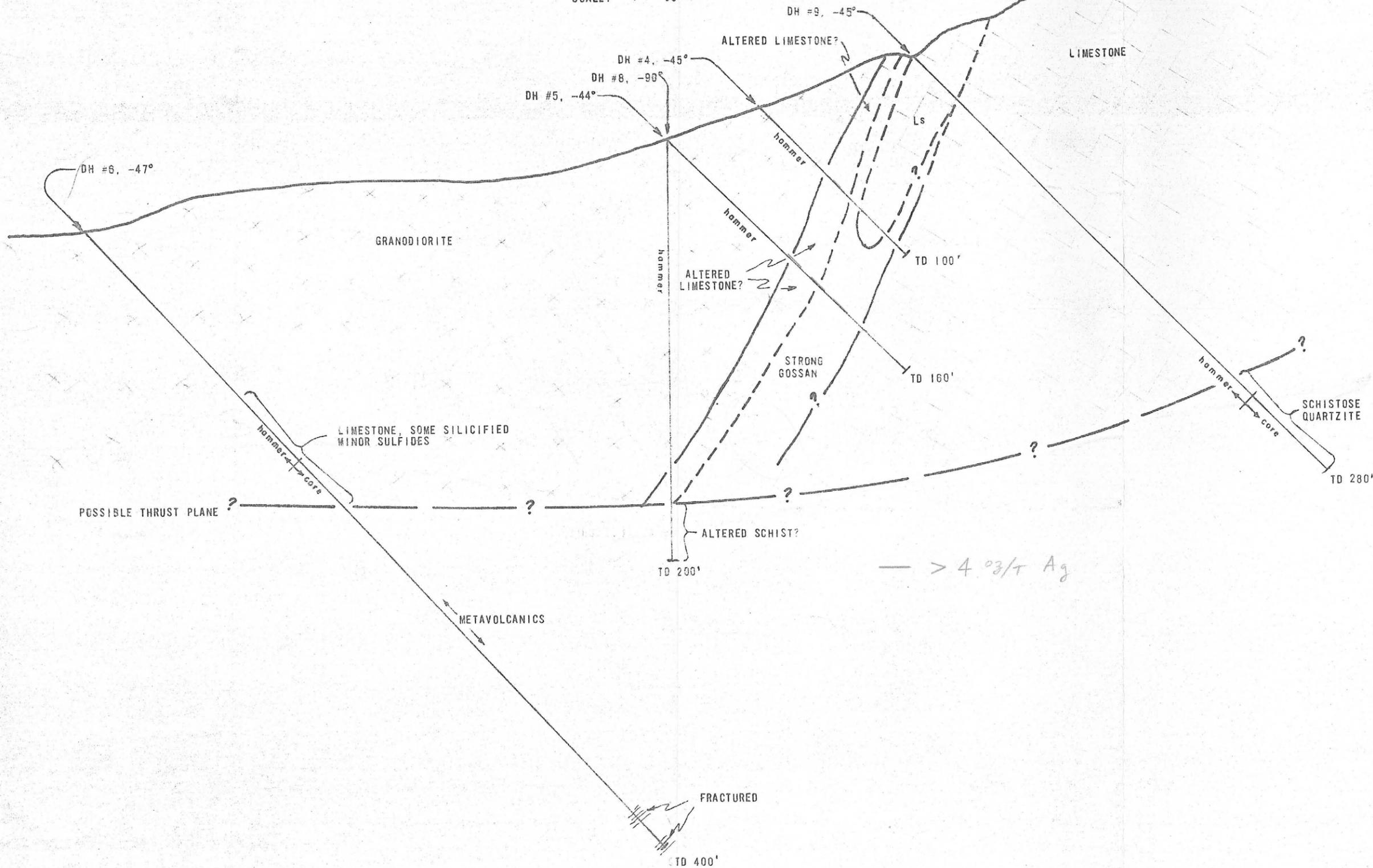
of  
 AGUINALDO AREA  
 PIMA COUNTY, ARIZONA

for  
 DREYFUS-NOKOTA-BRIDGER-BRUCE

by  
 HEINRICHS GEODEXPLORATION COMPANY  
 P. O. BOX 5964, TUCSON, AZ 85703  
 Job number 902-74 September 1974

LOOKING SOUTHEASTERLY

SCALE: 1" = 50'



Ag Assays  
 in oz/ton

DH #4		
45'	- 45'	2.45
45'	- 50'	1.60
50'	- 55'	4.85
55'	- 60'	1.85
60'	- 70'	2.70
70'	- 75'	1.35
75'	- 80'	0.45
80'	- 90'	1.10
90'	- 100'	0.60

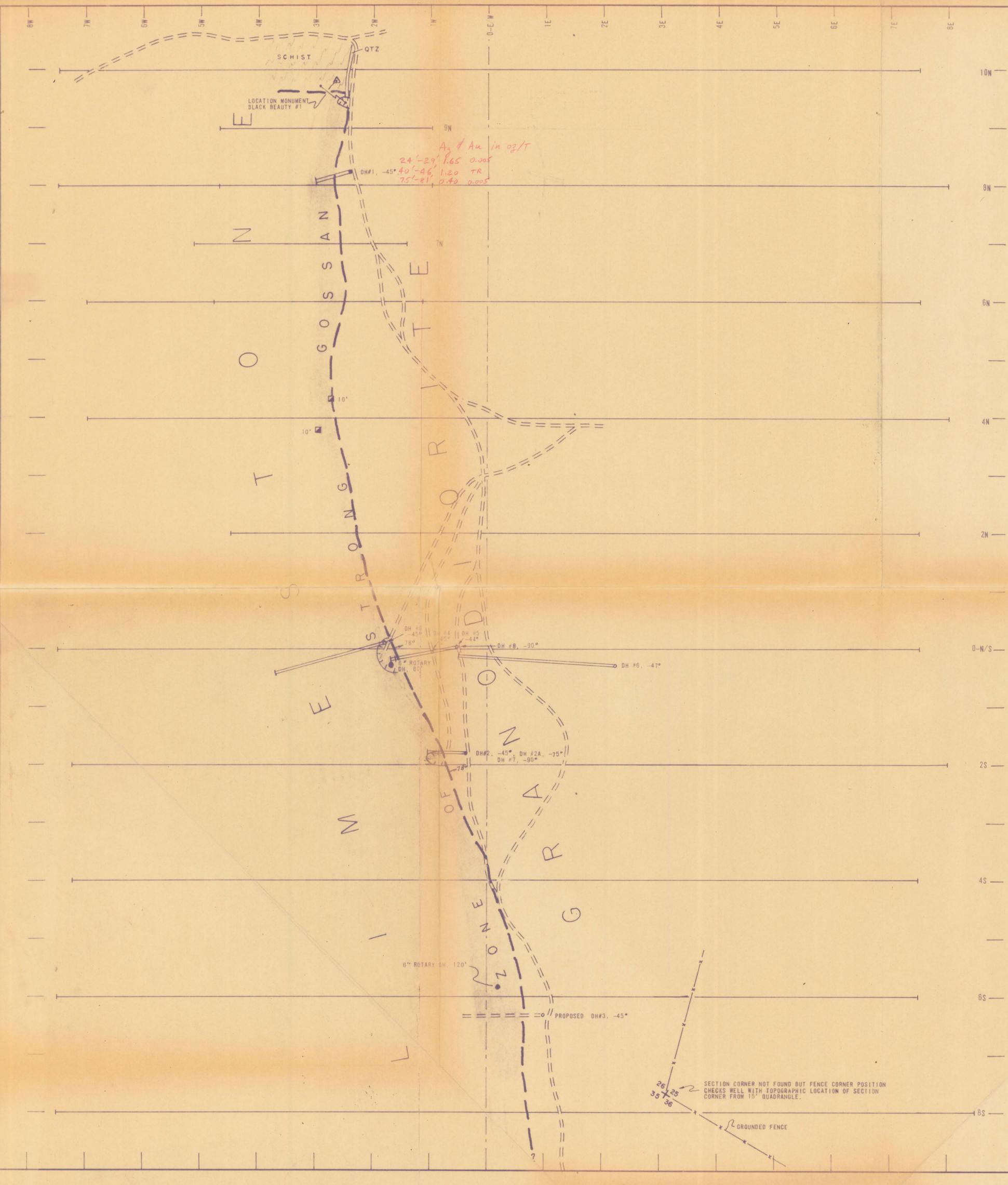
DH #8		
70'	- 80'	0.60
80'	- 85'	11.45
85'	- 90'	6.20
90'	- 95'	0.75
95'	- 100'	17.00
100'	- 105'	4.25
105'	- 110'	1.15
110'	- 115'	6.10
115'	- 120'	8.40
120'	- 125'	2.65
125'	- 130'	2.30
130'	- 135'	1.30
135'	- 160'	0.15

DH #5		
90'	- 100'	0.05
100'	- 110'	0.10
110'	- 120'	0.15
120'	- 130'	0.10
130'	- 140'	0.05
140'	- 147'	0.10

DH #9		
150'	- 155'	0.25
155'	- 160'	1.80
160'	- 165'	0.55
165'	- 170'	0.30
170'	- 180'	0.15
180'	- 190'	0.10
190'	- 200'	0.10

NOTE: All above intervals  
 also assayed for Au and all  
 were 0.015 oz/ton or less.

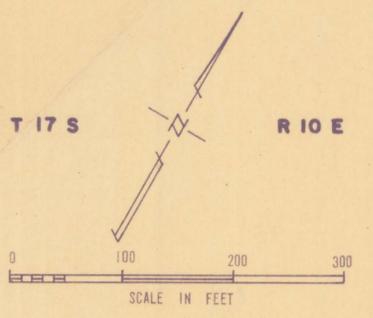
GEOLOGY SKETCH PLAN  
of  
AGUINALDO AREA  
PIMA COUNTY, ARIZONA  
for  
NOKOTA-BRIDGER-BRUCE  
by  
HEINRICHS GEDEXPLORATION COMPANY  
Job number 902-74 September 1974  
REVISED: NOVEMBER 1974  
MAY 1975



*A<sub>2</sub> & Au in oz/T*  
24'-29' 1.65 0.005  
40'-46' 1.20 TR  
75'-81' 0.40 0.005

—○— Cut  
== Road  
—+— Induced Polarization Traverse  
Sending dipole grounded at  
30W and 30E on Line 0-N/S.

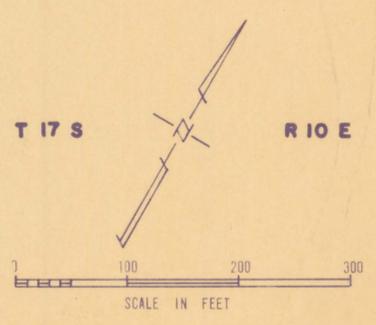
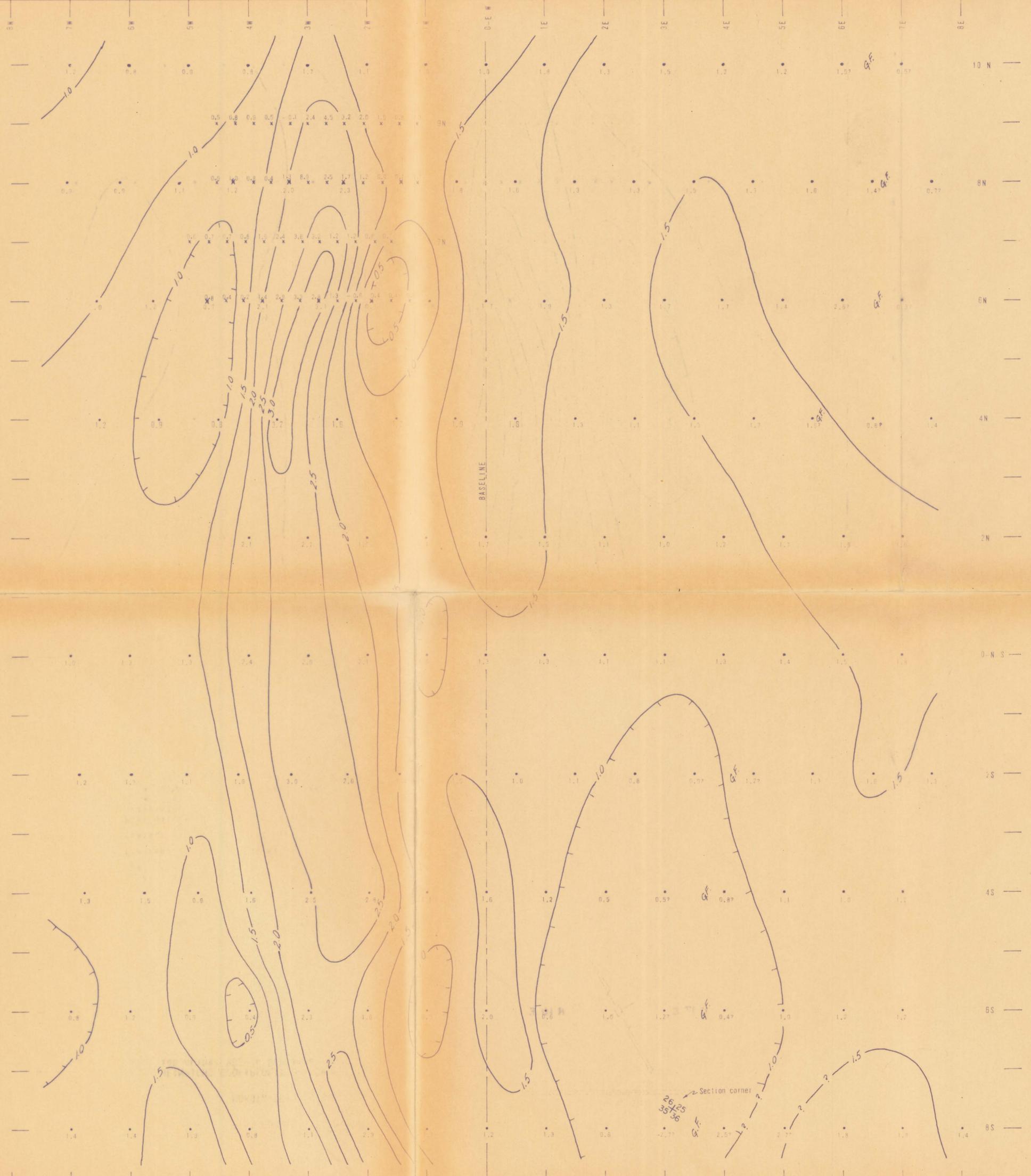
- DH #1: CORE TO 94 FT T.D.
- DH #2: CORE TO 102 FT T.D.
- DH #2A: CORE TO 127.5 FT T.D.
- DH #3: NOT DRILLED, PROPOSED TO 200 FT
- DH #4: HAMMER TO 100 FT T.D.
- DH #5: HAMMER TO 160 FT T.D.
- DH #6: HAMMER TO 147 FT, CORE 147 FT TO 400 FT T.D.
- DH #7: HAMMER TO 139 FT, CORE 139 FT TO 200 FT T.D.
- DH #8: HAMMER TO 200 FT T.D.
- DH #9: HAMMER TO 230 FT, CORE 230 FT TO 280 FT T.D.



SECTION CORNER NOT FOUND BUT FENCE CORNER POSITION CHECKS WELL WITH TOPOGRAPHIC LOCATION OF SECTION CORNER FROM 15' QUADRANGLE.  
GROUNDING FENCE

PERCENT FREQUENCY EFFECT CONTOURS  
 INDUCED POLARIZATION SURVEY  
 of  
 AGUINALDO AREA  
 PIMA COUNTY, ARIZONA  
 for  
 NOKOTA-BRIDGER-BRUCE  
 by  
 HEINRICHS GEOEXPLORATION COMPANY  
 Job number 902-74 September 1974

Sending Dipole grounded at 30W  
 and 30E on Line 0-N S.  
 Frequencies: 0.3 & 3.0 Hz  
 Contour interval: 0.5 PFE  
 Plot points (at receiving dipole  
 midpoint).  
 • 100' dipoles.  
 x 33 1/3' dipoles (not contoured).  
 GF Indicates grounded fence.



APPARENT RESISTIVITY CONTOURS  
INDUCED POLARIZATION SURVEY

of  
AGUINALDO AREA  
PIMA COUNTY, ARIZONA  
for  
NOKOTA-BRIDGER-BRUCE  
by

HEINRICH'S GEEXPLORATION COMPANY  
Job number 902-74 September 1974

Sending Dipole grounded at 30W  
and 30E on Line 0-N S.  
Frequencies: 0.3 & 3.0 Hz  
Contour interval logarithmic  
Plot points (at receiving dipole  
midpoint):  
• 100' dipoles.  
\* 33 1/3' dipoles (not contoured)

