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

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

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

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.

December 5, 1972

Mr. John Roscoe
Continental Materials Corporation
P.O. Box 662
Oracle, Arizona 85623

GEOEX Job #762

Dear Mr. Roscoe:

This is a letter report covering the induced polarization survey requested by you October 26, 1972. Two lines of I.P. data were obtained in the period from October 31 to November 3, 1972. The lines shown to our crew chief are located mainly in Section 15, T11S, R16E, and were flagged by Continental Materials Personnel prior to the survey.

The dual frequency induced polarization technique was employed, obtaining data from seven-electrode dipole-dipole electrode arrays, utilizing electrical power at frequencies of 3.0 hz and 0.3 hz and a dipole length of 300 feet. The resulting data is presented on sectional data sheets, one for each line, showing the apparent resistivity, percent frequency effect (PFE), and metallic conduction factor (MCF) contoured in the conventional psuedo-sectional form. The self potential (SP) data is presented in profile form on the same sheet. The Induced Polarization Location and Interpretation Plan, at a scale of 4" = 1 mile, indicates the approximate position on the ground of these lines relative to Section 15. These two sectional data sheets, the plan map, and this letter combined, constitute the final report.

The GEOEX crew chief was Phil Matthews, assisted by Joe Martin, Chris Upham, and Dan Schneider. Paul Head, geophysicist, was in overall charge of this job and is responsible for this report. GEOEX Mark 7 Multifrequency I.P. equipment was used to obtain all data.

Line 1 consists of two 7 electrode spreads and was laid out following the general course of the wash. Its overall length is 6,900 feet which results in 5,400 feet of effective data coverage. The desired westerly end point of Line 1 as marked by Continental, corresponds to our line station 31W, its desired easterly end was near 12E. Line 2 consists of one 7 electrode spread crossing Line 1 as indicated on the plan map; station 2.0 E on Line 1 being coincident with 9.5 NE on Line 2. The overall length of Line 2 is 4,500 feet resulting in 2,850 feet of effective data coverage.

The resistivity data on Line 1 indicates possible rock type changes at stations 27W and 0.0. A possible interface at 12E is questioned due to insufficient data to the east and may actually be a part of the same data pattern indicating the interface at station 0.0. The interface shown on Line 2 at 6W may correlate with the 27W interface on Line 1 implying a possible WNW strike.

Weak to very weak polarization effects were detected on Line 1 beginning at station 6W and continuing west to at least station 39W. It is likely that there are two discrete anomalous centers, one at 24W and the other at 10.5W. Polarizing material, less than 300 feet deep, seems to cause the westerly anomaly, the other may be caused by something more than 300 feet deep. The very weak indications between anomalies may be due to the effects of overlapping anomalous data or to a lesser amount of polarizing material being present between these two anomalies.

The very weak anomaly shown beginning at 12E on Line 1 and continuing east beyond the data is shown, although the PFE values are somewhat weaker than the other anomalies. However, the MCF values are comparable and this is possibly a significant anomaly. On Line 2 beginning at 15NE and continuing NE, similar polarization effects are noted which likely correlate to these noted on Line 1.

At station 6SW a very weak anomaly might relate to Line 1 at 10.5W though the divergence between lines makes this a very tentative interpretation.

No self potential effects are noted which can be interpreted as due to any geologic cause.

Because we are not familiar with the detailed geology of this area we can recommend very little additional work other than the obvious tracing and detailing of the anomalies detected by this survey. Line 1 should be extended west another 2,400 feet and a 1,000 foot dipole, five electrode spread should be centered at or near 12W. Lateral coverage north and south of Line 1 should also be considered, using 1,000 foot dipole lengths. This work should be done only if the present I.P. work tends to support existing geological data.

No test drilling can be recommended based solely on the results of this survey. However, if there are supporting and encouraging geologic data present, these weak to very weak induced polarization anomalies should be used to help guide any preliminary drilling.

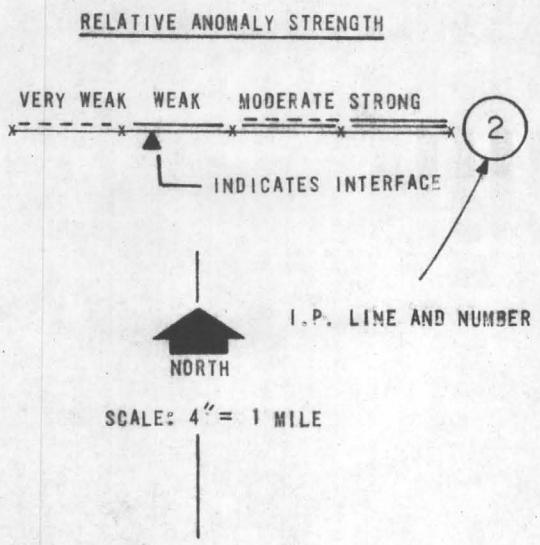
Respectfully submitted,

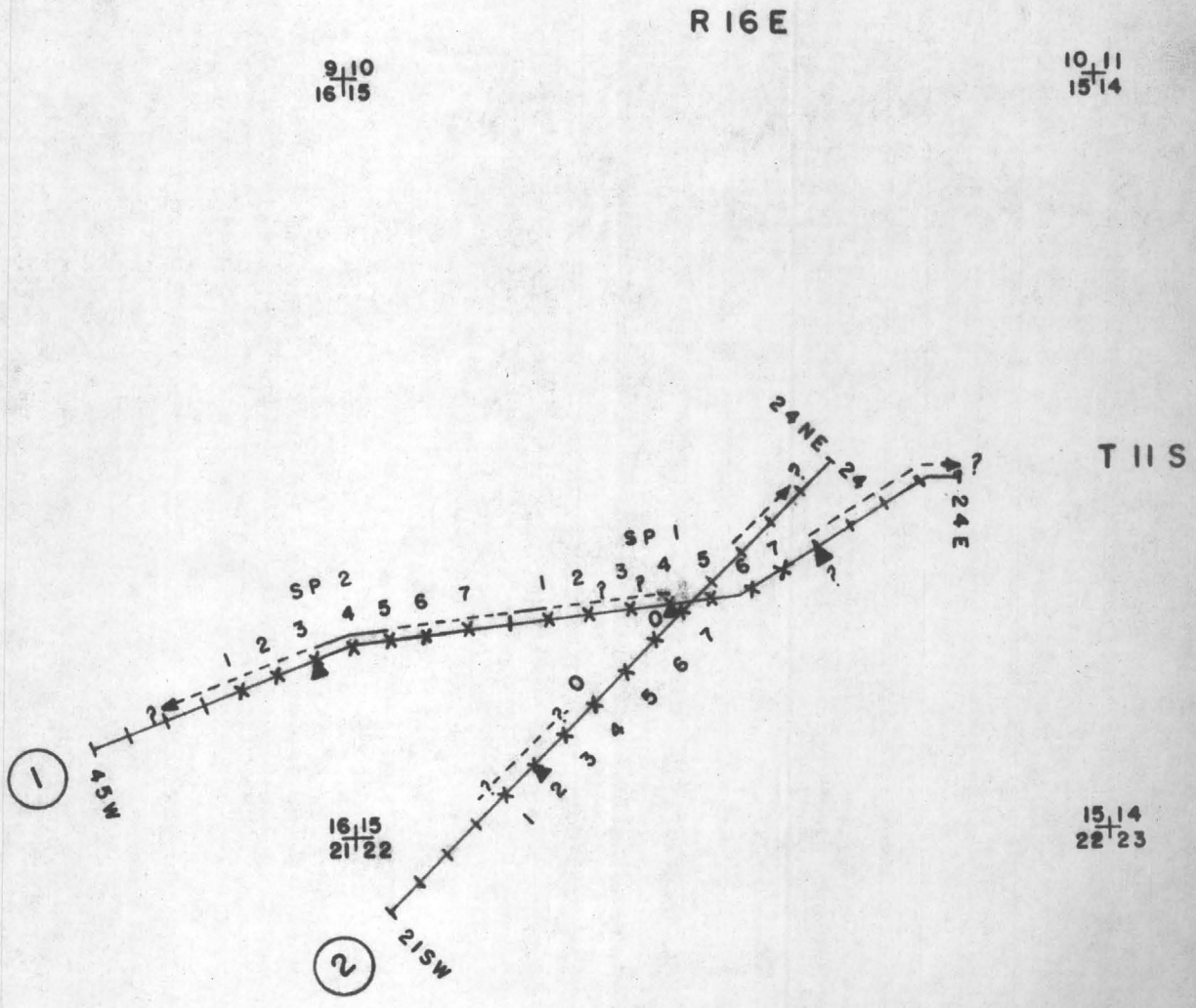
Heinrichs GEOEXploration Co.

Paul A. Head
Geophysicist

PAH:oek

INDUCED POLARIZATION LOCATION
AND INTERPRETATION PLAN
of
A PORTION OF BELLOTA RANCH QUADRANGLE
PIMA COUNTY, ARIZONA
for
CONTINENTAL MATERIALS CORPORATION
by
HEINRICHS GEOEXPLORATION COMPANY
Job number 762-72, NOVEMBER 1972

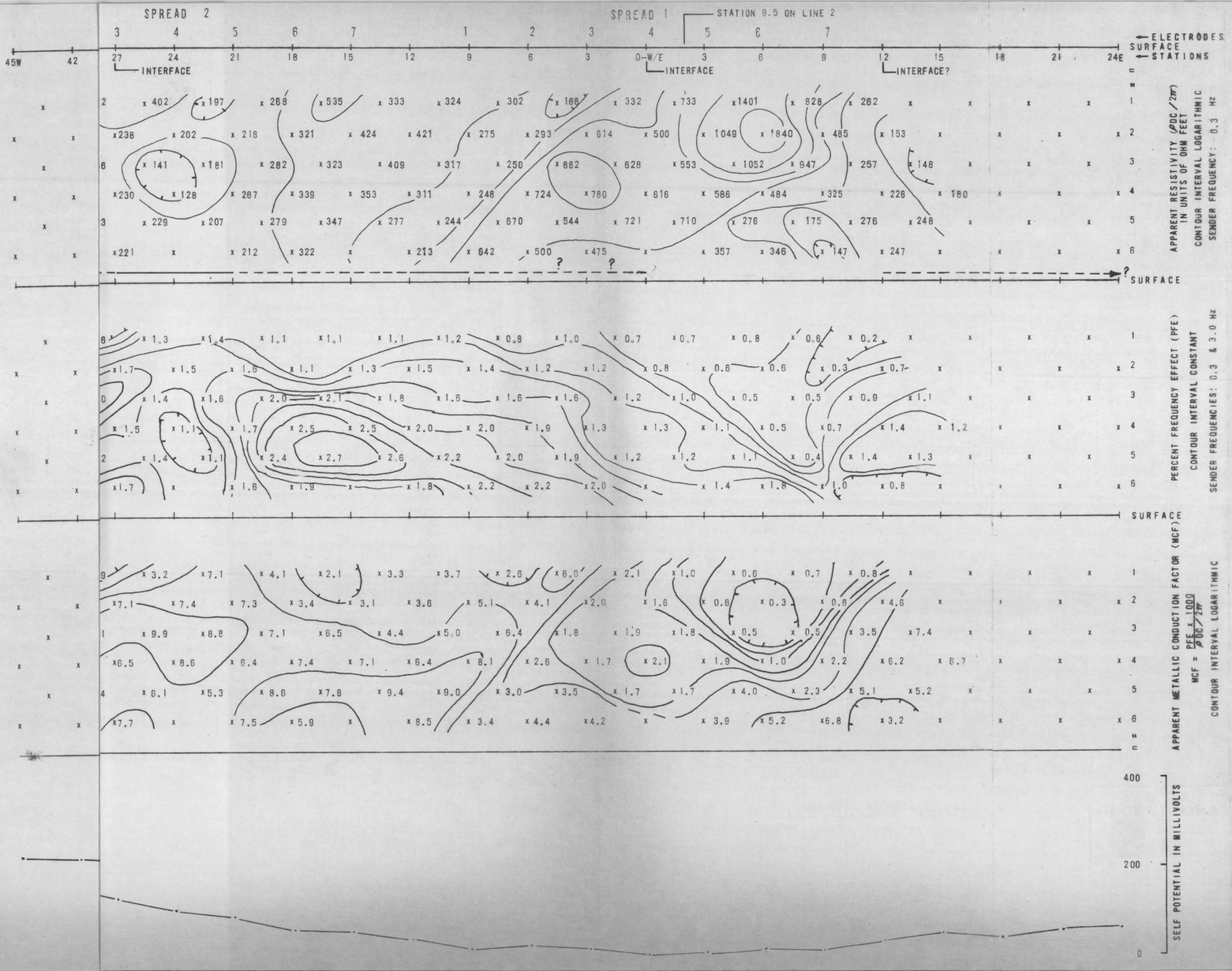




762-72

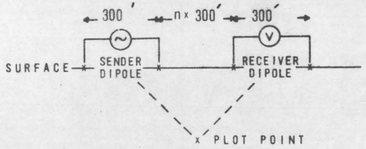
LINE NO.
1
SPREAD(S)
1 & 2

INDUCED POLARIZATION TRAVERSE SECTIONAL DATA SHEET for CONTINENTAL MATERIALS



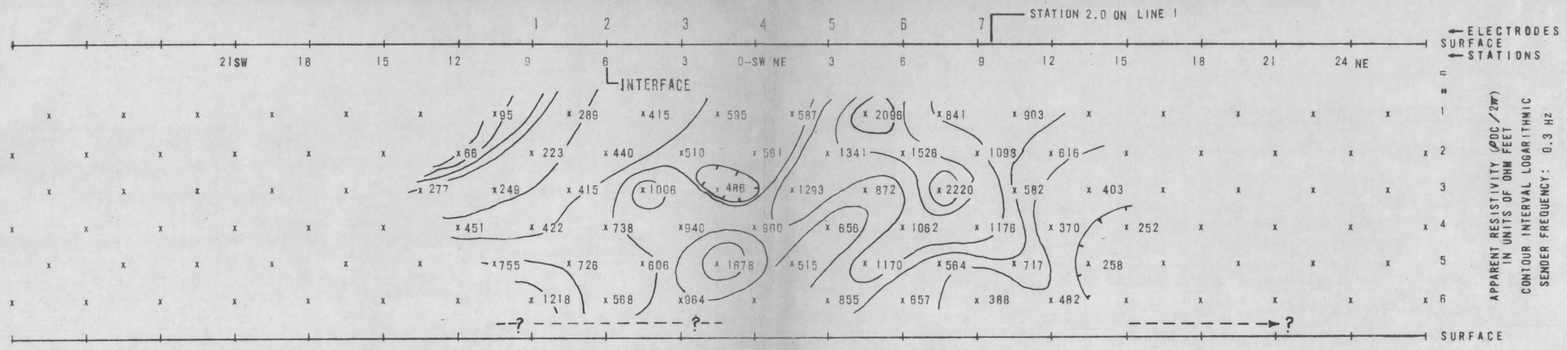
RELATIVE ANOMALY STRENGTH

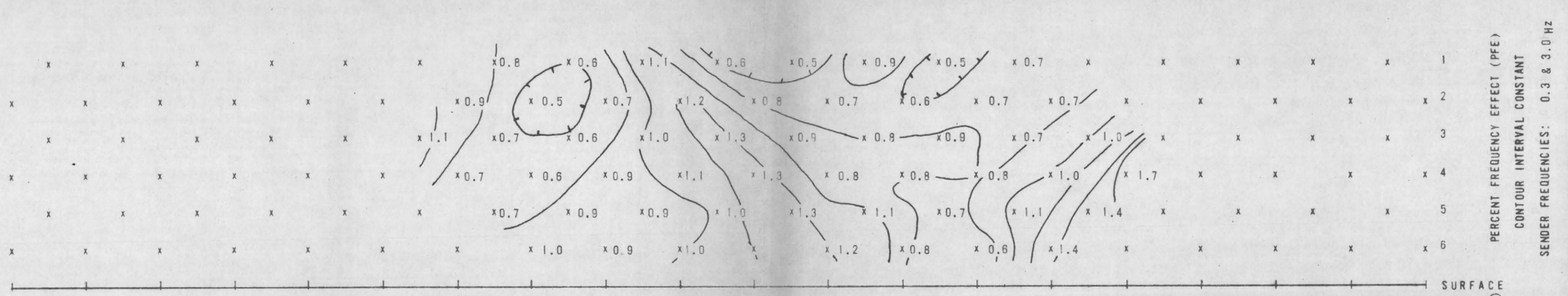
DIPOLE DIPOLE ELECTRODE ARRAY

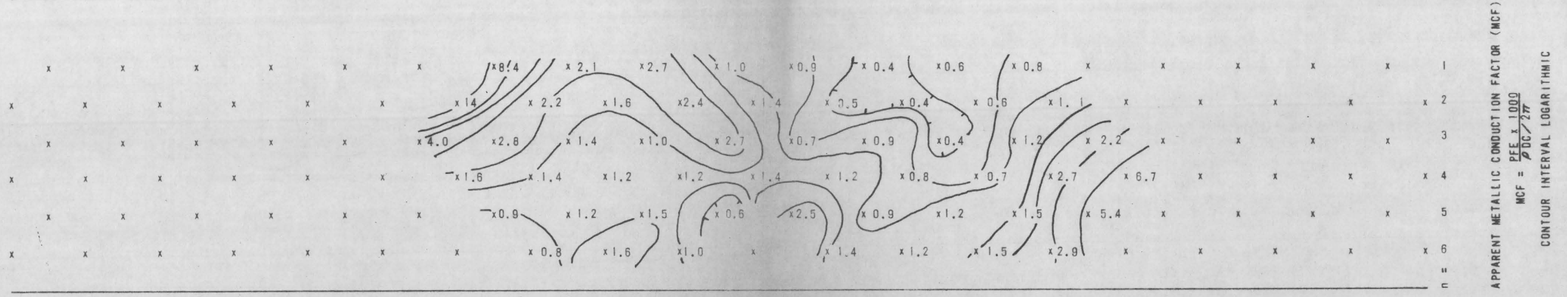


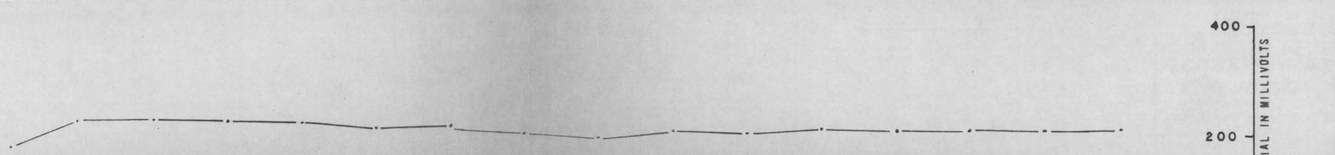
AREA
MT LEMMON
LOOKING
N
DATE
NOV 1972

HEINRICHS
GEOEXPLORATION COMPANY
GEOPHYSICAL ENGINEERS
AUSTRALIA
(SYDNEY)
39 Hume Street
Crows Nest, NSW
Phone: 439-1793
U.S.A.
Post Office Box 5964
Tucson, Arizona 85703
Phone: (602) 623-0578
Cable: GEOEX, Tucson









762-72

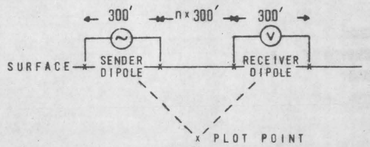
LINE NO. 2

SPREAD(S) 1

INDUCED POLARIZATION TRAVERSE SECTIONAL DATA SHEET for CONTINENTAL MATERIALS

RELATIVE ANOMALY STRENGTH

DIPOLE DIPOLE ELECTRODE ARRAY



AREA
MT LEMMON
LOOKING
N 45° W
DATE
NOV 1972

HEINRICHS
GEOEXPLORATION COMPANY
GEOPHYSICAL ENGINEERS
AUSTRALIA
(SYDNEY)
39 Hume Street
Crows Nest, NSW
Phone: 439-1793
U.S.A.
Post Office Box 5964
Tucson, Arizona 85703
Phone: (602) 623-0578
Cable: GEOEX, Tucson

HEINRICHS GEOEXPLORATION COMPANY

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

December 5, 1972

Mr. John Roscoe
Continental Materials Corporation
P.O. Box 662
Oracle, Arizona 85623

GEOEX Job #762

Dear Mr. Roscoe:

This is a letter report covering the induced polarization survey requested by you October 26, 1972. Two lines of I.P. data were obtained in the period from October 31 to November 3, 1972. The lines shown to our crew chief are located mainly in Section 15, T11S, R16E, and were flagged by Continental Materials Personnel prior to the survey.

The dual frequency induced polarization technique was employed, obtaining data from seven-electrode dipole-dipole electrode arrays, utilizing electrical power at frequencies of 3.0 hz and 0.3 hz and a dipole length of 300 feet. The resulting data is presented on sectional data sheets, one for each line, showing the apparent resistivity, percent frequency effect (PFE), and metallic conduction factor (MCF) contoured in the conventional psuedo-sectional form. The self potential (SP) data is presented in profile form on the same sheet. The Induced Polarization Location and Interpretation Plan, at a scale of 4" = 1 mile, indicates the approximate position on the ground of these lines relative to Section 15. These two sectional data sheets, the plan map, and this letter combined, constitute the final report.

At station 6SW a very weak anomaly might relate to Line 1 at 10.5W though the divergence between lines makes this a very tentative interpretation.

No self potential effects are noted which can be interpreted as due to any geologic cause.

Because we are not familiar with the detailed geology of this area we can recommend very little additional work other than the obvious tracing and detailing of the anomalies detected by this survey. Line 1 should be extended west another 2,400 feet and a 1,000 foot dipole, five electrode spread should be centered at or near 12W. Lateral coverage north and south of Line 1 should also be considered, using 1,000 foot dipole lengths. This work should be done only if the present I.P. work tends to support existing geological data.

No test drilling can be recommended based solely on the results of this survey. However, if there are supporting and encouraging geologic data present, these weak to very weak induced polarization anomalies should be used to help guide any preliminary drilling.

Respectfully submitted,

Heinrichs GEOEXploration Co.

Paul A Head

Paul A. Head
Geophysicist

PAH:oek

The GEOEX crew chief was Phil Matthews, assisted by Joe Martin, Chris Upham, and Dan Schneider. Paul Head, geophysicist, was in overall charge of this job and is responsible for this report. GEOEX Mark 7 Multifrequency I.P. equipment was used to obtain all data.

Line 1 consists of two 7 electrode spreads and was laid out following the general course of the wash. Its overall length is 6,900 feet which results in 5,400 feet of effective data coverage. The desired westerly end point of Line 1 as marked by Continental, corresponds to our line station 31W, its desired easterly end was near 12E. Line 2 consists of one 7 electrode spread crossing Line 1 as indicated on the plan map; station 2.0 E on Line 1 being coincident with 9.5 NE on Line 2. The overall length of Line 2 is 4,500 feet resulting in 2,850 feet of effective data coverage.

The resistivity data on Line 1 indicates possible rock type changes at stations 27W and 0.0. A possible interface at 12E is questioned due to insufficient data to the east and may actually be a part of the same data pattern indicating the interface at station 0.0. The interface shown on Line 2 at 6W may correlate with the 27W interface on Line 1 implying a possible WNW strike.

Weak to very weak polarization effects were detected on Line 1 beginning at station 6W and continuing west to at least station 39W. It is likely that there are two discrete anomalous centers, one at 24W and the other at 10.5W. Polarizing material, less than 300 feet deep, seems to cause the westerly anomaly, the other may be caused by something more than 300 feet deep. The very weak indications between anomalies may be due to the effects of overlapping anomalous data or to a lesser amount of polarizing material being present between these two anomalies.

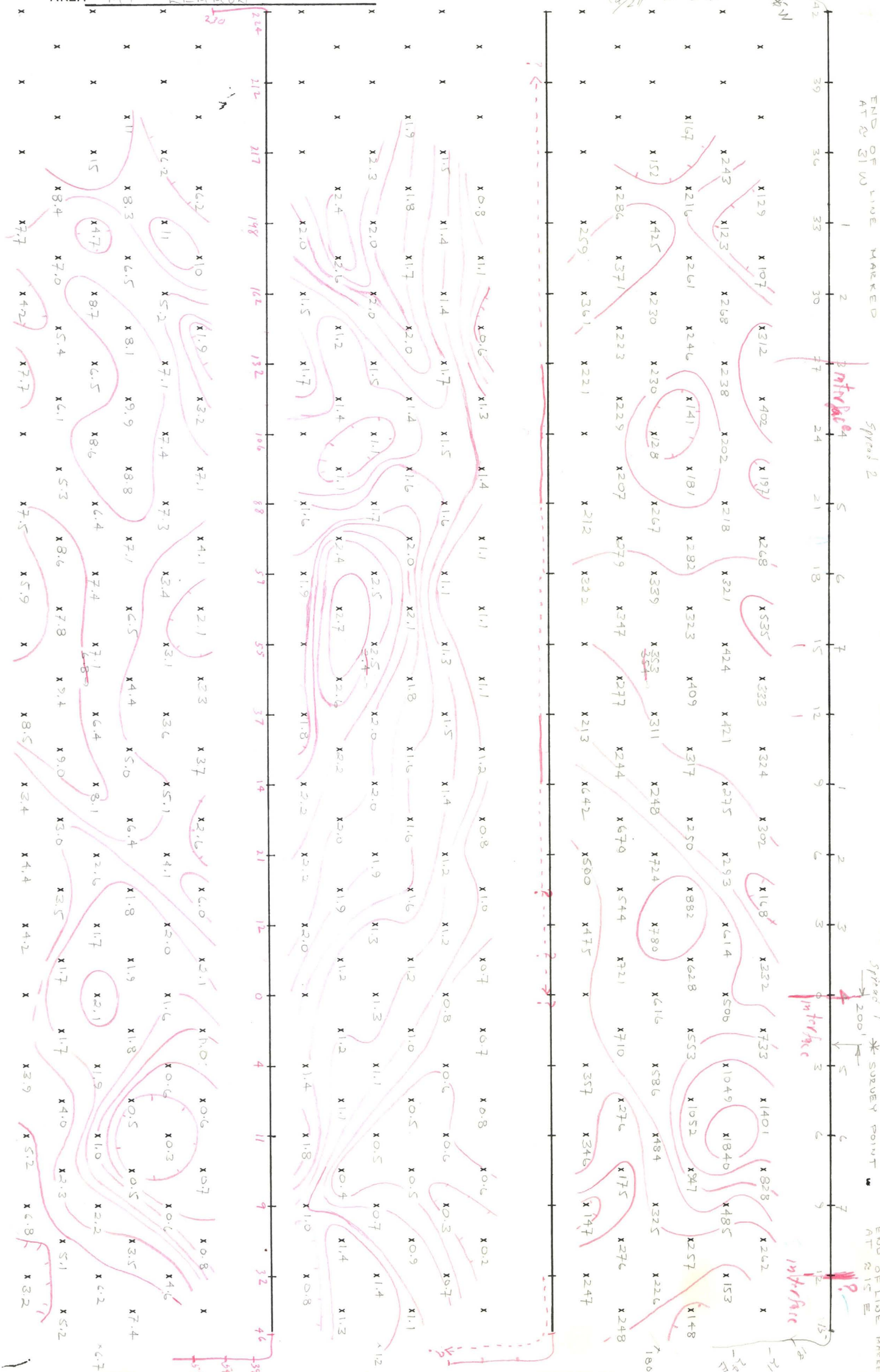
The very weak anomaly shown beginning at 12E on Line 1 and continuing east beyond the data is shown, although the PFE values are somewhat weaker than the other anomalies. However, the MCF values are comparable and this is possibly a significant anomaly. On Line 2 beginning at 15NE and continuing NE, similar polarization effects are noted which likely correlate to these noted on Line 1.

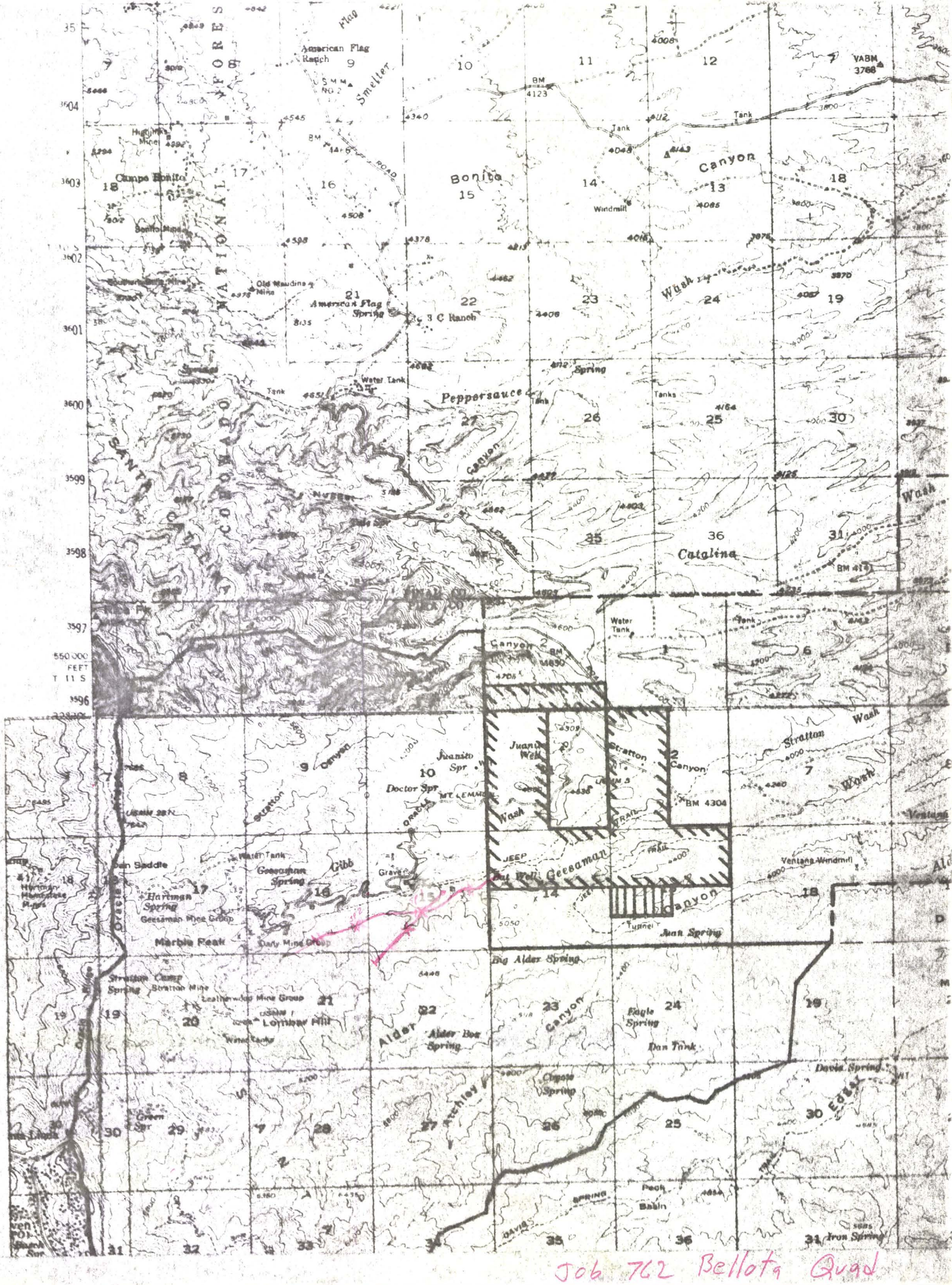
JOB# 762 LINE# 1 SP 1 & 2 a = 300' LOOKING ~~Eastwly~~ ~~Northerly~~ Northerly

CLIENT CONTINENTAL MATERIALS CORPORATION DATE 11-4-72 FREQUENCIES 3.0 & 0.3 Hz

AREA MT LEMMON

Q/2π at 3 hr





Job 762 Bellota Quad

END OF LINE AT 6 SW

Interface

50' → ← * SURVEY MARKER

END OF LINE MARKED AT 12 NE

1 2 3 4 5 6 7

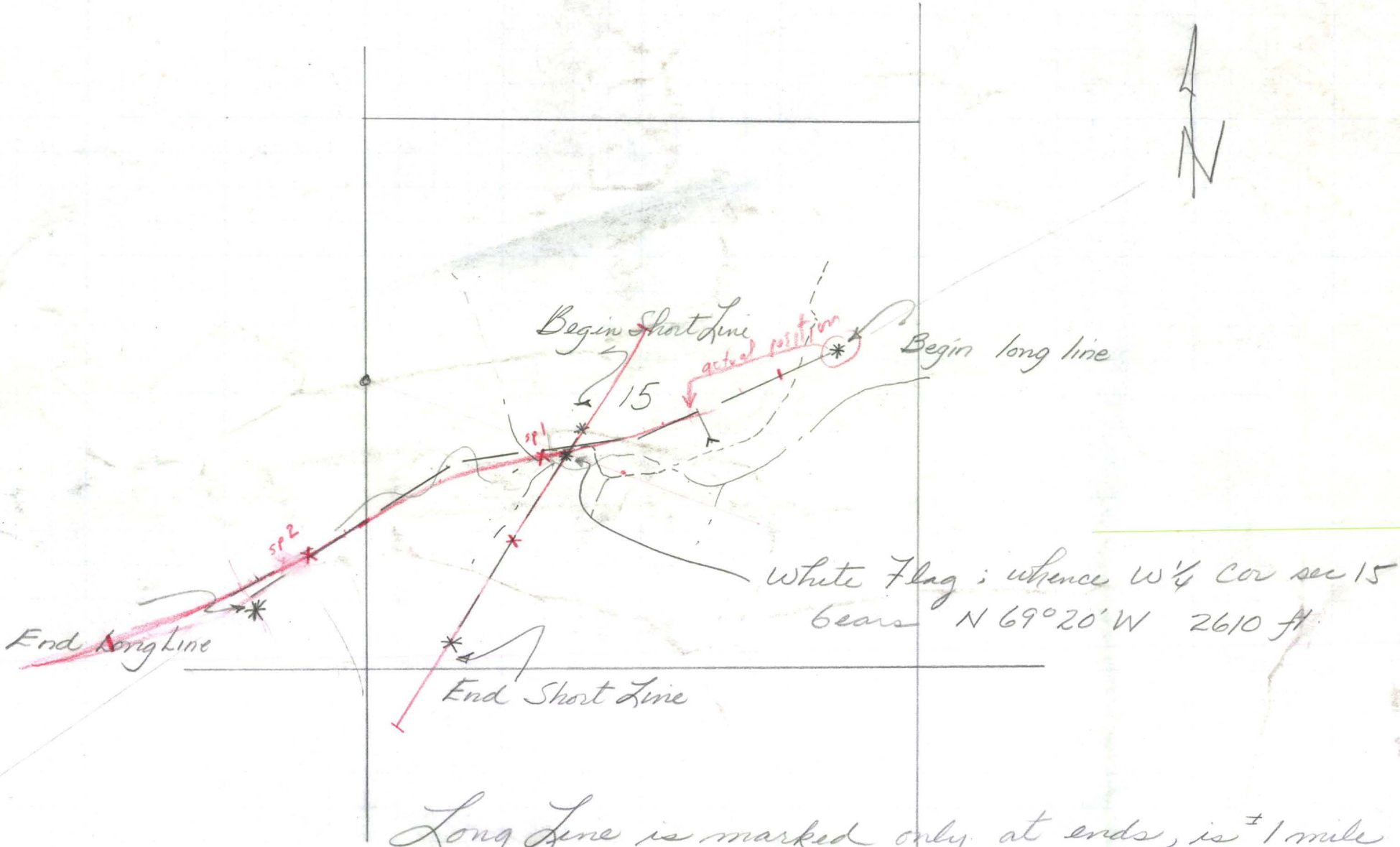
21 SW 18 15 12 9 6 3 0 3 6 9 12 15 18 21 24 NE

JOB# 762 LINE# 2 SP 1 DATE 11-4-72 a = 300 LOOKING N 45 W

CLIENT CONTINENTAL MATERIALS CORPORATION

AREA MT LEMMON

FREQUENCIES 30 & 0.3 Hz



Long Line is marked only at ends, is ± 1 mile long; follows general course of main wash; cut corners where convenient. West end is upon granodiorite (weathered).

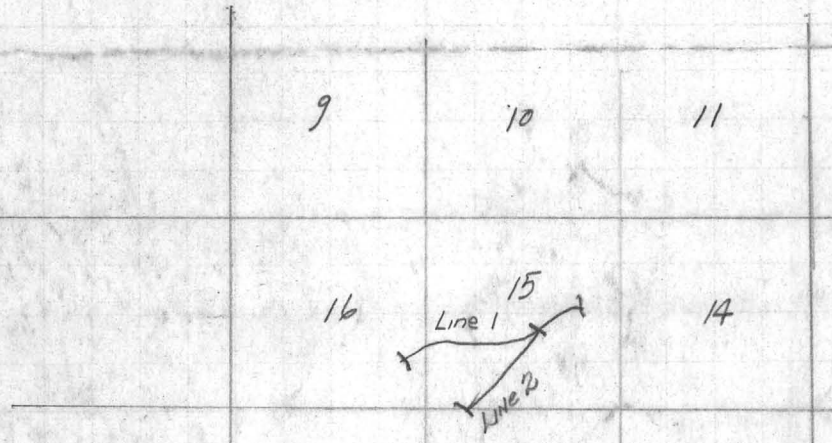
No Scale

Short Line is well marked. Southwest end is upon granodiorite also.

CONTINENTAL MATERIALS CORP

BELLOTA RANCH QUAD

T. 11 S., R. 16 E., PIMA COUNTY.

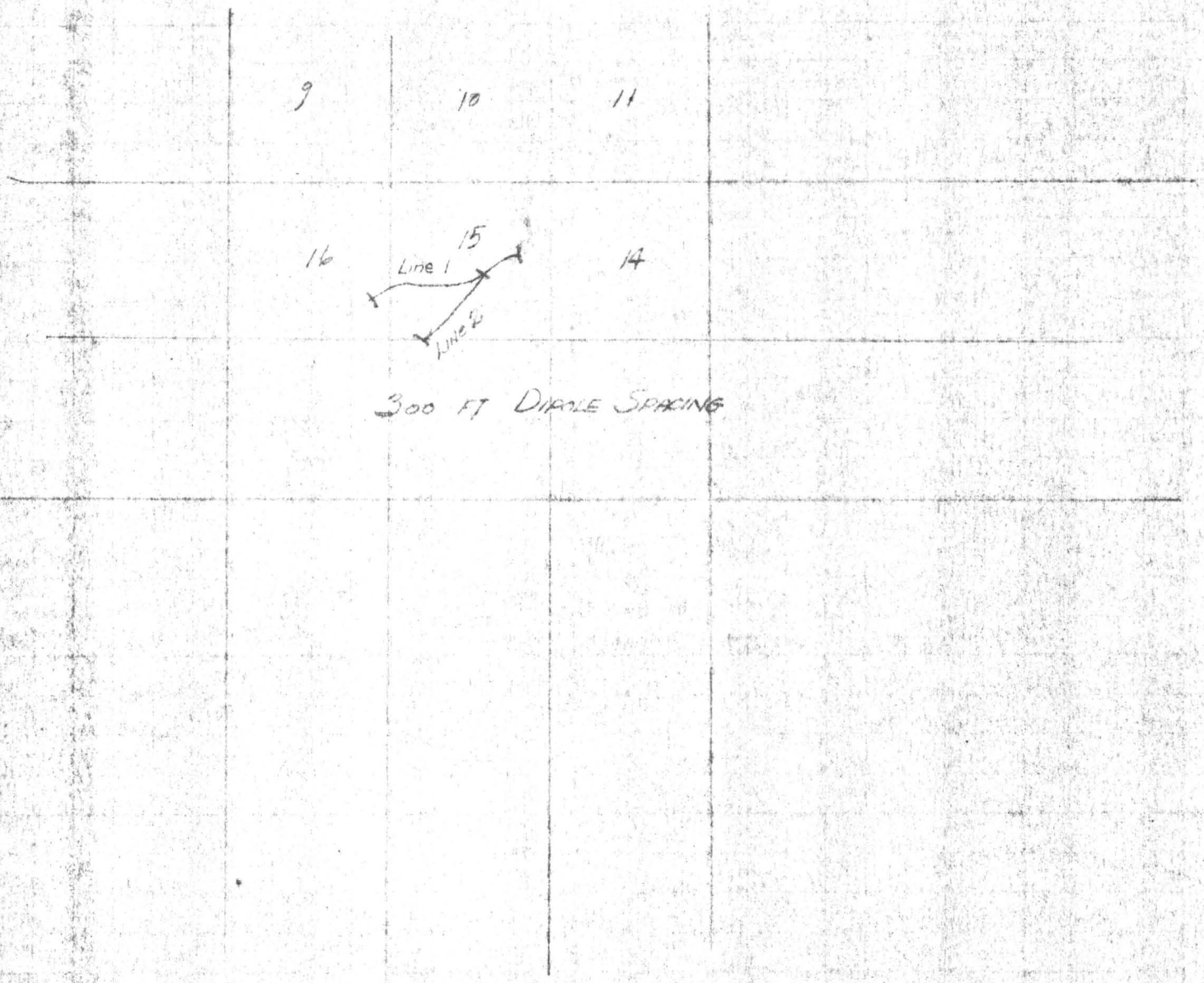


300 FT DIPOLE SPACING

CONTINENTAL MATERIALS CORP

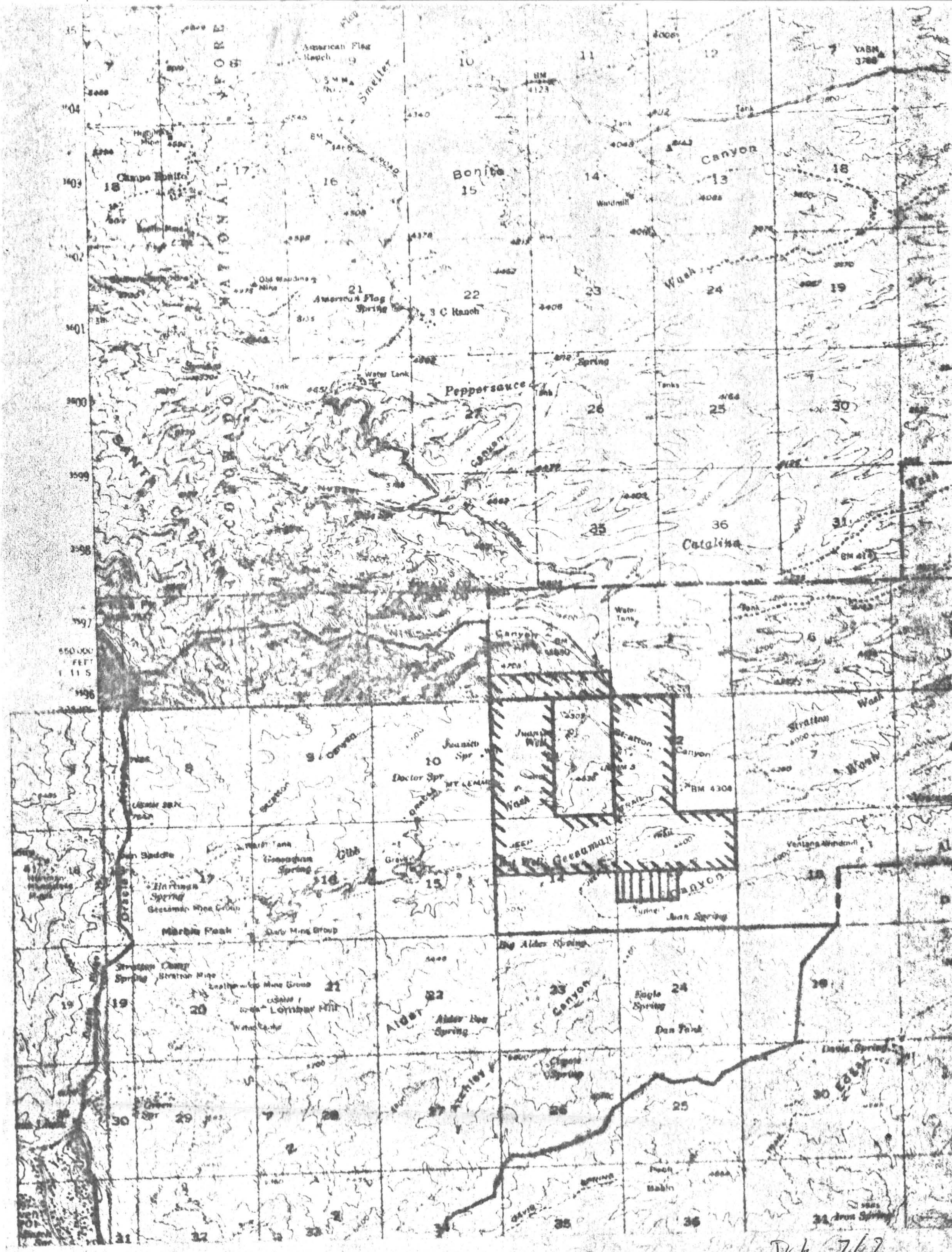
BELLOTA RANCH QUAD

T. 11 S., R. 16 E., PIMA COUNTY



300 FT DIPOLE SPACING

Job 762


American Flag Ranch
Smelter
Bonito
Canyon
Wash
Campo Bonito
American Flag Spring
3 C Ranch
Old Hubbard Mine
Pepper sauce
Canyon
Spring
Water Tank
Tank
Tanks
Windmill
Catalina
SANTA CATALINA
CORONADO
NATIONAL
Water Tank
Canyon
Stratton
Wash
Canyon
Juanita Spr
Doctor Spr
MT LEMMON
BM 4308
Ventana Windmill
Geesaman
Geesaman Spring
Gibb
Marble Peak
Big Alder Spring
Stratton Camp Spring
Stratton Mine
Lombar Hill
Alder
Alder Box Spring
Canyon
Eagle Spring
Dan Tank
Davis Spring
Cipote Spring
Peck Basin
Davis
Aron Spring
Juan Spring
Tunnel

Jub 762

I.P. RECEIVER NOTES

PAGE 7

HEINRICHS GEOEXPLORATION CO. PROJECT Mt. Lemon 762

LINE 1 BEARING W HALF W SP. 1 DATE 10-31

SEND	6-7	5-6	6-7	4-5	5-6	6-7	3-4	4-5	5-6	6-7
RECEIVE	3E-0	0-3W	→	3W-6W	→		6W-9W	→		
MULT.	100	100	10	10	10	10	10	10	10	1.
PFE	0.8	0.7	0.6	0.7	0.8	1.0	1.0	1.2	1.2	1.3
ρa AC	1401	733	1049	332	500	553	168	614	628	616
MCF	0.6	0.95	0.6	2.1	1.6	1.8	6.0	2.0	1.9	2.1
PFE Avg.										
AC	2810	1470	526	666	251	111	337	308	126	61.8
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.		+12.4	→	+9.2	→		-6.7	→		
AC NOISE	.9	.9	3.6	.9	3.6	9	.9	3.6	9	18
POT RES.		25 K		6 K			4 K			

I.P. RECEIVER NOTES

PAGE 7

HEINRICHS GEOEXPLORATION CO. PROJECT Mt. Lemon 762

LINE 1 BEARING W HALF W SP. 1 DATE 8-31

SEND	6-7	5-6	6-7	4-5	5-6	6-7	3-4	4-5	5-6	6-7
RECEIVE	2-0	0-3W	→	3W-6W	→	→	6W-9W	→	→	→
MULT.	100	100	10	10	10	10	10	10	10	1
PFE	0.8	0.7	0.6	0.7	0.8	1.0	1.0	1.2	1.2	1.3
ρ	1901	733	1049	332	500	553	168	614	628	616
MCE	0.6	0.75	0.6	2.1	1.6	1.3	5.9	2.0	1.9	2.1
PFE Avg.										
AC	2510	1470	526	666	251	111	337	308	126	61.8
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.		+12.4	→	+9.2	→	→	-6.7	→	→	→
AC NOISE	9			9	3.6	9	9	3.6	9	18
POT RES.		35K		6K			4K			

I.P. RECEIVER NOTES

HEINRICHS GEOEXPLORATION CO. PROJECT MT LEMON 762

LINE 1 BEARING W HALF W SP. 1 DATE 10-31

SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	9W-12W	→				12W-15W	→			
MULT.	10	10	10	1	1	10	10	1	1	1
PFE	D8	1.2	1.6	1.3	1.9	1.2	1.4	1.6	1.9	1.9
Pa	302	293	882	780	721	324	275	250	724	544
MCE	2.6	4.1	1.8	1.7	1.7	3.7	5.1	6.4	2.6	3.5
PFE Avg.										
AC	606	147	177	78.2	41.3	649	138	50.1	~~72.2~~	31.2
DRIFT	—	—	—	—	—	—	—	—	72.6 —	
S.P. +	22.6	→				+28.1	→			
AC NOISE										
POT RES.	.9	3.6	9	18	31.5	.9	3.6	9	18	31.5

I.P. RECEIVER NOTES

PAGE 2

HEINRICHS GEOEXPLORATION CO.

PROJECT MT Lemon 762

LINE 1 BEARING NS

HALF NS SP. 1 DATE 6-31

SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	96-124	→	→	→	→	126-154	→	→	→	→
MULT.	10	10	10	1	1	10	10	1	1	1
PFE	D8	1.2	1.6	1.3	1.2	1.2	1.4	1.6	1.9	1.9
Pa	302	293	882	780	721	324	275	250	724	544
MCE	2.6	4.1	1.8	1.7	1.7	3.7	5.1	6.4	2.6	3.5
PFE Avg.										
AC	606	147	177	28.2	41.3	649	138	50.1	~~22.2~~	31.2
DRIFT	—	—	—	—	—	—	—	—	22.6	
S.P. +	22.6	→	→	→	→	28.1	→	→	→	→
AC NOISE										
POT RES.	9		2	18	31.5	2	3.6	9	18	31.5

I.P. RECEIVER NOTES

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon 762

LINE 1 BEARING W HALF W SP. 1 DATE 10-31

SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	12W-15W	15W-18W	→	→	→	→	18W-21W	→	→	→
MULT.	1	10	1	1	1	1	1	1	1	1
PFE	2.0	1.5	1.6	2.0	2.0	2.2	1.8	2.0	2.2	2.2
ρa	475	421	317	248	670	500	409	311	244	642
MCF	4.2	3.6	5.0	8.1	3.0	4.4	4.4	6.4	9.0	3.4
PFE Avg.										
AC	17.0	211	63.6	24.9	38.4	17.9	82.1	31.2	14.0	23.0
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.	~~+4.4~~	+ 4.4	→	→	→	→	+ 28.9	→	→	→
A-C NOISE	50.4	3.6	9	18	31.5	50.4	9	18	31.5	50.4
POT RES.	4 K									

I.P. RECEIVER NOTES

PAGE 3

HEINRICHS GEOEXPLORATION CO. PROJECT MT Lemmon 762

LINE 1 BEARING W HALF W SP. 1 DATE 10-31

SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	1500-1500	1500-1500	→	→	→	→	1500-2500	→	→	→
MULT.	1	10	1	1	1	1	1	1	1	1
PFE	2.0	1.5	1.6	2.0	2.0	2.2	1.8	2.0	2.2	2.0
ρa	475	421	317	298	670	500	409	311	244	642
MCF	4.2	3.6	5.0	8.1	23.0	4.4	4.4	6.4	9.0	3.4
PFE Avg.										
AC	17.0	211	63.6	24.9	38.4	17.9	82.1	31.2	14.0	23.0
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.	+44	+44.4	→	→	→	→	+28.9	→	→	→
AC NOISE	30.9	3.6	2	13	31.5	30.4	9	13	31.5	30.4
POT RES.	4 K									

I.P. RECEIVER NOTES

HEINRICHS GEOEXPLORATION CO. PROJECT MT Lemmon 762

LINE 1 BEARING W HALF W SP. 1 DATE 10-31

SEND	1-2	2-3	3-4			COK				
RECEIVE	2W-3W	→	→			2-3				
MULT.	1	1	.1			1.0				
PFE	2.4	~~1.9~~ 2.6	1.8			0.0				
ρa	354	277	213							
MCF	6.8	9.4	8.5							
PFE Avg.										
AC	35.5	15.9	7.63			100.3				
DRIFT	—	—	—			—				
S.P.	+18.0	→	→							
A-C NOISE										
POT RES.	18	31.5	50.4							

I.P. RECEIVER NOTES

PAGE 4

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon 72

LINE 1 BEARING W HALF W SP. W DATE 10/31

SEND	1-2	2-3	3-4			C&K				
RECEIVE	same as	→				2-3				
MULT.	1	1	.1			.1.0				
PFE	2.4	~~5.9~~ 2.6	1.8			0.0				
ρ_a	354	277	213							
MCF	6.8	9.4	8.5							
PFE Avg.										
AC	35.5	15.9	7.63			100.3				
DRIFT	—	—	—			—				
S.P.	+18.0	→								
AC NOISE										
POT RES.	16	15	30.9							

I.P. RECEIVER NOTES

PAGE 5

HEINRICHS GEOEXPLORATION CO.

PROJECT Mt. Lemmon 76'

LINE 1 BEARING E

HALF E SP. 1 DATE 10-30

SEND	SP	SP	SP	6-6	4-5	3-4	2-3	1-2	6-7	5-6
RECEIVE	0-3E	3-6E	6-9E	9-12E				→	12-15E	
MULT.				100	10	10	1	1	10	10
PFE				0.6	0.6	0.5	1.1	1.2	0.2	0.3
ρa				828	1840	1052	586	710	2622	485
MCF				0.7	0.33	0.5	1.9	1.7	0.8	0.6
PFE Avg.										
AC				1666	923	211	58.8	40.7	526	243
DRIFT				—	—	—	—	—	—	—
S.P.	+4.4	+6.7	-2.4	+23.2	→	→	→	→	+14.3	→
A-C NOISE									9	3.6
POT RES.				9	3.6	9	18	31.5	3 K	

I.P. RECEIVER NOTES

PAGE 5

HEINRICHS GEOEXPLORATION CO. PROJECT [illegible]

LINE 11 BEARING E HALF E SP. 1 DATE 10-30

SEND	SP	SP	SP	6-6	4-5	3-4	2-3	1-2	6-7	5-6
RECEIVE	0-3E	3-6E	6-9E	9-12E				→	12-15E	
MULT.				100	10	10	1	1	10	10
PFE				0.6	0.6	0.5	1.1	1.2	0.2	0.3
ρa				828	1840	1052	586	710	2622	485
MCE				0.7	0.33	0.5	1.9	1.7	0.8	0.6
PFE Avg.										
AC				166.6	92.3	211	58.8	40.7	526	243
DRIFT				—	—	—	—	—	—	—
S.P.	+4.4	+6.7	-2.4	+23.2				→	+14.3	→
AC NOISE									3	2.0
POT RES.				.7	3.6	7	18	21.5	3 K	

I.P. RECEIVER NOTES

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon 762

LINE 1 BEARING E HALF E SP. 1 DATE 11-1

SEND	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4	2-3	6-7
RECEIVE	12-15E	→	→	→	15-18E	→	→	→	→	18-21E
MULT.	10	1	1	1	1	1	1	0.1	1	1
PFE	0.5	0.5	1.1	1.4	0.7	0.9	0.7	0.4	1.8	1.1
ρ_a	947	484	276	357	153	257	325	175	346	148
MCF	0.53	1.0	4.0	3.9	4.6	3.5	2.2	2.3	5.2	7.4
PFE Avg.										
AC	190	48.5	15.8	12.8	76.9	51.5	32.6	10.01	12.4	29.6
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.	→	→	→	→	-7.3	→	→	→	→	+25.3
AC NOISE	9	18	31.5	50.4	3.6	9	18	31.5	50.4	9
POT RES.					4K					

I.P. RECEIVER NOTES

PAGE

HEINRICHS GEOEXPLORATION CO.

PROJECT Mt Lemmon 762

LINE 1 BEARING E

HALF E SP. 1 DATE 1-1

SEND	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4	2-3	6-7
RECEIVE	12-15 E	→	→	→	15-18 E	→	→	→	→	18-21 E
MULT.	10	1	1	1	1/2	1	1	0.1	1	1
PFE	0.5	0.5	1.1	1.4	0.7	0.9	0.7	0.4	1.8	1.1
ρa	947	484	276	357	153	257	325	175	346	148
MCF	0.53	1.0	4.0	3.9	4.6	3.5	2.2	2.3	5.2	7.4
PFE Avg.										
AC	190	48.5	15.8	12.0	76.9	51.5	32.6	10.01	12.4	29.6
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.	→	→	→	→	-7.3	→	→	→	→	+25.3
AC NOISE	8	18	31.5	50.4	3.6	2	18	31.5	50.4	8
POT RES.					4K					

I.P. RECEIVER NOTES

HEINRICHS GEOEXPLORATION CO. **PROJECT** Mt Lemmon 762

LINE 1 BEARING E **HALF** E **SP.** 1 **DATE** 11-1

SEND	5-6	4-5	3-4	6-7	5-6	4-5				
RECEIVE	18-21E	→	→	21-24E	→	→				
MULT.	1	1	0.1	1.0	1	0.1				
PFE	1.4	1.4	1.0	1.2	1.3	0.8				
ρ_a	226	276	147	180	248	247				
MCF	6.2	5.1	6.8	6.7	5.2	3.2				
PFE Avg.										
AC	22.7	15.8	5.26	18.1	14.2	8.83				
DRIFT	—	—	—	—	—	—				
S.P.	→	→	→	+4.6	→	→				
AC NOISE	18	31.5	50.4	18	31.5	50.4				
POT RES.				4K						

I.P. RECEIVER NOTES

PAGE 7

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon 762

LINE 1 BEARING E HALF E SP. 2 DATE 11-1

SEND	5-6	4-5	3-4	6-7	5-6	4-5				
RECEIVE	18-21E	→	→	21-24E	→	→				
MULT.	1	1	0.1	1.0	1	0.1				
PFE	1.4	1.4	1.0	1.2	1.3	0.8				
Pa	226	276	147	180	298	247				
MCF	6.2	5.1	6.8	6.7	5.2	3.2				
PFE Avg.										
AC	22.7	15.8	5.26	18.1	14.2	8.83				
DRIFT	—	—	—	—	—	—				
S.P.	→	→	→	+4.6	→	→				
AC NOISE	18	21.5	0.4	18	21.5	60.4				
POT RES.				4 K						

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon 762

LINE 1 HALF W SP. 1 DATE 10/31

PAGE 1

SEND	6-7	5-6	6-7	4-5	5-6	6-7	3-4	4-5	5-6	6-7
RECEIVE	3E-0	0-3W	→	3-6W	→	→	6-9W	→	→	→
RANGE	180X10	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180
VOLTAGE	220	175	220	160	175	220	370	175	175	220
CURRENT	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	9-12W	→	→	→	→	12-15W	→	→	→	→
RANGE	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180
VOLTAGE	375	360	170	170	220	315	370	360	170	175
CURRENT	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800

FREQUENCIES _____ _____

SENDER NO.

OPERATOR

RECEIVER NO.

OPERATOR

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon 7C2

LINE 1 HALF W SP. 1 DATE 10/31

PAGE 1

SEND	6-7	5-6	6-7	4-5	5-6	6-7	3-4	4-5	5-6	6-7
RECEIVE	3E-0	0-3W	→	3-6W	→	→	6-9W	→	→	→
RANGE	180X10	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180
VOLTAGE	220	175	220	160	175	220	370	175	175	220
CURRENT	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	9-12W	→	→	→	→	12-15W	→	→	→	→
RANGE	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180
VOLTAGE	375	360	170	170	220	315	370	360	170	175
CURRENT	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800

FREQUENCIES _____ _____

SENDER NO.

OPERATOR

RECEIVER NO.

OPERATOR

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon 7/2

LINE 1 HALF W SP. 1 DATE 10/31

PAGE 2

SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	→	15-18W	→	→	→	→	18-21	→	→	→
RANGE	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180
VOLTAGE	220	315	375	310	170	175	315	370	365	170
CURRENT	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
SEND	1-2	2-3	3-4			CAL				
RECEIVE	21-24	→	→			2-3				
RANGE	10X180	10X180	10X180			10X100				
VOLTAGE	315	370	360			430				
CURRENT	1800	1800	1800			1000				

FREQUENCIES _____ _____

SENDER NO.

OPERATOR

RECEIVER NO.

OPERATOR

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon 7/2

LINE 1 HALF W SP. 1 DATE 10/31

PAGE 2

SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	→	15-18 W	→	→	→	→	18-21	→	→	→
RANGE	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180
VOLTAGE	220	315	375	310	170	175	315	370	365	170
CURRENT	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
SEND	1-2	2-3	3-4			CAL				
RECEIVE	21-24	→	→			2-3				
RANGE	10X180	10X180	10X180			10X100				
VOLTAGE	315	370	360			430				
CURRENT	1800	1800	1800			1000				

FREQUENCIES _____ _____

SENDER NO.

OPERATOR

RECEIVER NO.

OPERATOR

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon 762

LINE 1 HALF E SP. 1 DATE 11/1/72

SEND	5-6	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4	2-3
RECEIVE	9-12 E	→	→	→	→	12-15 E	→	→	→	→
RANGE	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180
VOLTAGE	180	170	370	380	315	225	180	170	370	375
CURRENT	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
SEND	1-2	6-7	5-6	4-5	3-4	2-3	6-7	5-6	4-5	3-4
RECEIVE	12-15 E	15-18 E	→	→	→	→	18-21 E	→	→	→
RANGE	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180
VOLTAGE	315	220	180	170	370	375	225	170	170	315
CURRENT	1800	10X180	1800	1800	1800	1800	1800	1800	1800	1800

FREQUENCIES 3.0 0.3

SENDER NO.

OPERATOR DAN S

RECEIVER NO.

OPERATOR Joe Martin

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon 762'

LINE ____ HALF E SP. 1 DATE 11/1/72

PAGE 3

SEND	5-6	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4	2-3
RECEIVE	9-12E	→	→	→	→	12-15E	→	→	→	→
RANGE	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180
VOLTAGE	180	170	370	380	315	225	180	170	370	375
CURRENT	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
SEND	1-2	6-7	5-6	4-5	3-4	2-3	6-7	5-6	4-5	3-4
RECEIVE	12-15E	15-18E	→	→	→	→	18-21E	→	→	→
RANGE	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180	10X180
VOLTAGE	315	220	180	170	370	375	225	170	170	315
CURRENT	1800	10X180	1800	1800	1800	1800	1800	1800	1800	1800

FREQUENCIES 3.0 0.3

SENDER NO.

OPERATOR DAN S

RECEIVER NO.

OPERATOR Joe Martin

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon 762

LINE 1 HALF E SP. 1 DATE 11/1/72

PAGE 4

SEND	6-7	5-6	4-5							
RECEIVE	21-24	→	→							
RANGE	10X180	10X180	10X180							
VOLTAGE	225	175	170							
CURRENT	1800	1800	1800							
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES 3.0 0.3

SENDER NO.

OPERATOR DWS

RECEIVER NO.

OPERATOR Joe Martin

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon 7-62

LINE 1 HALF E SP. 1 DATE 11/1/72

PAGE 4

SEND	6-7	5-6	4-5							
RECEIVE	21-24	→	→							
RANGE	10X180	10X180	10X180							
VOLTAGE	225	175	170							
CURRENT	1800	1800	1800							
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES 3.0 0.3

SENDER NO.

OPERATOR DWS

RECEIVER NO.

OPERATOR Joe Martin

COMMENTS:

I.P. RECEIVER NOTES cp @ 24W

PAGE 1

HEINRICHS GEOEXPLORATION CO.

PROJECT Mt Lemmon

LINE 1 BEARING E HALF E SP. 2 DATE 11-2

SEND	4-5	3-4	2-3	6-7	5-6	4-5	3-4	2-3	1-2	~~7-5~~ 6
RECEIVE	6-9 W	→	→	9-12W	→	→	→	→	→	12-15W
MULT.	1	1	0.1	10	10	1	1	1	0.1	10
PFE	2.4	2.6	1.8	1.0	1.2	2.0	2.4	2.3	1.5	1.0
ρ_a	353	347	322	333	424	323	339	279	212	535
	7.1	7.8	5.9	3.3	3.1	6.5	7.4	8.6	7.5	2.1
PFE Avg.										
AC	25.5	14.3	8.31	481	153	46.6	24.5	11.5	5.47	773
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.										
AC NOISE										
POT RES.	18	31.5	50.4	9.1	3.6	9	18	31.5	50.4	.9

I.P. RECEIVER NOTES cp @ 24W

PAGE 1

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE 1 BEARING E HALF E SP. 2 DATE 1-2

SEND	4-5	3-4	2-3	6-7	5-6	4-5	3-4	2-3	1-2	~~[illegible]~~
RECEIVE	6-9W	→	→	9-12W	→	→	→	→	→	12-15W
MULT.	1	1	0.1	10	10	1	1	1	0.1	10
PFE	2.4	142.6	1.8	1.0	1.2	2.0	2.4	2.3	1.5	1.0
	353	347	322	333	424	323	[illegible]	279	212	535
	7.1	7.8	5.9	5.3	3.1	6.5	7.4	8.6	7.5	2.1
PFE Avg.										
AC	25.5	14.3	8.31	481	153	46.6	24.5	11.5	5.47	773
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.										
AC NOISE										
ROT RES.	[illegible]	[illegible]	[illegible]	[illegible]	3.6	9	18	31.5	50.4	.9

I.P. RECEIVER NOTES

HEINRICHS GEOEXPLORATION CO. PROJECT MT LEMMON

LINE 1 BEARING ~~W~~ E HALF E SP. 2 DATE 11-2

SEND	~~5-6~~ 4-5	~~4-5~~ 3-4	~~3-4~~ 2-3	1-2	4-5	3-4	2-3	1-2	3-4	2-3
RECEIVE	12-15W	→	→	→	15-18W	→	→	→	18-21W	→
MULT.	10	1	1	0.1	1.0	1.0	1.0	0.1	10	1.0
PFE	1.0	1.9	1.6	1.0	1.0	1.5	1.5	1.0	1.3	1.4
Pa	321	282	267	207	268	218	181	128	197	202
MCF	3.4	7.1	6.4	5.3	4.1	7.3	8.8	8.6	7.1	7.4
PFE Avg.										
AC	116	40.8	19.3	8.54	387	78.9	26.2	9.24	284	73.1
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.										
AC NOISE										
POT RES.	3.6	9	18	31.5	.9	3.6	9	18	.9	3.6

I.P. RECEIVER NOTES

PAGE 2

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE 1 BEARING E HALF E SP. 2 DATE 11-2

SEND	~~1-5~~	~~2-4~~	~~3-2-3~~	1-2	4-5	3-4	2-3	1-2	3-4	2-3
RECEIVE	12-15W			→	15-18W			→	18-21W	
MULT.	10	1	1	0.1	10	1.0	1.0	0.1	10	1.0
PFE	1.0	1.9	1.6	1.0	1.0	1.5	1.5	1.0	1.3	1.4
ρa	321	282	267	207	268	218	181	128	197	202
MCF	3.4	7.1	6.4	5.3	4.1	7.3	8.8	8.6	7.1	7.4
PFE Avg.										
AC	116	40.8	19.3	8.54	387	78.9	26.2	9.24	284	73.1
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.										
AC NOISE										
POT RES.	3.6	9	18	31.5	.9	3.6	9	18	.9	3.6

yellow flagging at ≈ Sta. 31 W.

I.P. RECEIVER NOTES

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE 1 BEARING E HALF E SP. 2 DATE 11-2

SEND	1-2	2-3	1-2	1-2	SP	SP	SP	2-3		
RECEIVE	18-21W	21-24W	→	24-27	24-27W	27-30W	30-33W	CAL		
MULT.	1.0	10	1	10	1			10		
PFE	1.3	1.2	1.6	0.5				-0.1		
ρa	141	402	238	312						
MCF	9.9	3.2	7.1	1.9						
PFE Avg.										
AC	20.4	580	86.0	450				130		
DRIFT	—	—	—					—		
S.P.					+26.2	+3.5	+5.9			
AC NOISE										
POT RES.	9	.9	3.6	.9						

yellow flagging at ~ sta. 31W.

I.P. RECEIVER NOTES

PAGE 3

HEINRICHS GEOEXPLORATION CO.

PROJECT Mt Lemmon

LINE 1 BEARING E HALF E SP. 2 DATE 11-2

SEND	1-2	2-3	1-2	1-2	SP	SP	SP	2-3		
RECEIVE	18-21W	21-24W	→	24-27	24-27W	27-30W	30-33W	CAL		
MULT.	1.0	10	1	10	1			10		
PFE	1.3	1.2	1.6	0.5				-0.1		
ρa	141	402	238	312						
MOF	9.9	3.2	7.1	1.9						
PFE Avg.										
AC	20.4	580	86.0	450				130		
DRIFT	—	—	—					—		
S.P.					+26.2	+3.5	+5.9	1		
AC NOISE										
POT RES.	9	.9	3.6	.9						

I.P. RECEIVER NOTES

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE 1 BEARING W HALF W SP. 2 DATE 11-2

SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	33-36					36-39				
MULT.	10	10	1	1	0.1	10	1	1	1	0.1
PFE	1.0	1.3	1.9	1.4	1.3	0.7	1.3	1.6	1.9	1.1
Pa	107	268	246	230	229	129	123	261	230	223
MCF	10	5.2	8.1	6.5	6.1	6.2	11	6.5	8.7	5.4
PFE Avg.										
AC	154	96.7	35.5	16.6	9.44	187	44.4	37.7	16.6	9.22
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.	+19.0					-5.1				
AC NOISE										
POT RES.	.9	3.6	9	18	31.5	.9	3.6	9	18	31.5

I.P. RECEIVER NOTES

PAGE 4

HEINRICHS GEOEXPLORATION CO.

PROJECT Mt Lemmon

LINE 1 BEARING W HALF W SP. 2 DATE 11-2

SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	33-36				→	36-39				
MULT.	1.0	1	1	1	0.1	1.0	1	1	1	0.1
PFE	1.0	1.3	1.9	1.4	1.3	0.7	1.3	1.6	1.9	1.1
Pa	107	268	246	230	229	129	123	261	230	223
MCF	10	5.2	8.1	6.5	6.1	6.2	11	6.5	8.7	5.4
PFE Avg.										
AC	154	96.7	35.5	16.6	9.44	187	44.4	37.7	16.6	9.22
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.	+19.0					-5.1				
AC NOISE										
ROT RES.	.9	3.6	9	18	31.5	.9	3.6	9	18	31.5

I.P. RECEIVER NOTES

PAGE 5

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE 1 BEARING W HALF W SP. 2 DATE 11-2

SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	36-39	39-42	→	→	→	→	42-45	→	→	→
MULT.	0.1	1.0	1.0	1.0	1.0	0.1	1.0	1.0	1.0	0.1
PFE	1.6	1.4	1.7	1.9	2.5	1.4	1.8	2.2	2.3	1.9
Pa	221	243	216	425	371	361	167	152	286	259
MCF!	7.7	6.2	8.3	4.7	7.0	4.2	11	15	8.4	7.7
PFE Avg.										
AC	5.69	87.7	31.2	30.7	15.3	9.31	24.1	11.0	11.8	6.68
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.		+ 12.4					+ 6.2			
AC NOISE										
POT RES.	50.4	3.6	9	18	31.5	50.4	9	18	31.5	50.4

I.P. RECEIVER NOTES

PAGE 5

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE 1 BEARING W HALF W SP. 2 DATE 11-2

SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	36-39	39-42	→	→	→	→	42-45	→	→	→
MULT.	0.1	1.0	1.0	1.0	1.0	0.1	1.0	1.0	1.0	0.1
PFE	1.6	1.4	1.7	1.9	2.5	1.4	1.8	2.2	2.3	1.9
ρa	221	243	216	425	371	361	167	152	286	259
MCF	7.7	6.2	8.3	4.7	7.0	4.2	11	15	8.4	1.7
PFE Avg.										
AC	5.69	87.7	31.2	30.7	15.3	9.31	24.1	11.0	11.8	6.68
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.	[illegible]	+ 12.4					+ 6.2			
AC NOISE										
POT RES.	50.4	3.6	9	18	31.5	50.4	9	18	31.5	50.4

CP 24 W

PAGE 1

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon

LINE 12 HALF E SP. 2 DATE 11/2/22

SEND	4-5	3-4	2-3	6-7	5-6	4-5	3-4	2-3	1-2	
RECEIVE	6-9 W	→	→	9-12 W	→	→	→	→	→	~~12-15~~
RANGE	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	
VOLTAGE	200	155	155	315	305	200	155	160	225	
CURRENT	1300	1300	1300	1300	1300	1300	1300	1300	1300	
SEND	5-6	4-5	3-4	2-3	1-2	4-5	3-4	2-3	1-2	3-4
RECEIVE	12-15 W	→	→	→	→	15-18	→	→	→	18-21
RANGE	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130
VOLTAGE	305	200	155	160	225	200	155	160	225	155
CURRENT	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300

FREQUENCIES 3.0 0.3

SENDER NO.

OPERATOR DWS

RECEIVER NO.

OPERATOR Joe Martin

COMMENTS:

CP 24 W

PAGE 1

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon

LINE 12 HALF E SP. 2 DATE 11/21/72

SEND	4-5	3-4	2-3	6-7	5-6	4-5	3-4	2-3	12	
RECEIVE	6-9 W	→	→	9-12 W	→	→	→	→	→	12-FE
RANGE	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	
VOLTAGE	200	155	155	315	305	200	155	160	225	
CURRENT	1300	1300	1300	1300	1300	1300	1300	1300	1300	
SEND	5-6	4-5	3-4	2-3	1-2	4-5	3-4	2-3	1-2	3-4
RECEIVE	12-15 W	→	→	→	→	15-18	→	→	→	18-21
RANGE	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130
VOLTAGE	305	200	155	160	225	200	155	160	225	155
CURRENT	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300

FREQUENCIES 3.0 0.3

SENDER NO.

OPERATOR DWS

RECEIVER NO.

OPERATOR Joe Martin

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon

LINE 1 HALF E SP. 2 DATE 11/2/77

SEND	2-3	1-2	2-3	1-2	1-2					
RECEIVE	18-21	→	21-24	→	24-27					
RANGE	10X130	10X130	10X130	10X130	10X130					
VOLTAGE	160	225	160	225	225					
CURRENT	1300	1300	1300	1300	1300					
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES _____ _____

SENDER NO.

OPERATOR

RECEIVER NO.

OPERATOR

COMMENTS:

PAGE 2

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon

LINE 1 HALF E SP. 2 DATE 11/2/72

SEND	2-3	1-2	2-3	1-2	1-0					
RECEIVE	18-21	→	21-24	→	24-27					
RANGE	10X130	10X130	10X130	10X130	10X130					
VOLTAGE	160	225	160	225	225					
CURRENT	1300	1300	1300	1300	1300					
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES _____ _____

SENDER NO.

OPERATOR

RECEIVER NO.

OPERATOR

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon

LINE 1 HALF W SP. 2 DATE 11/2/72

SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	33-36	→	→	→	→	36-39	→	→	→	→
RANGE	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130
VOLTAGE	160	155	200	305	310	225	160	155	200	300
CURRENT	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	→	39-42	→	→	→	→	42-42	→	→	→
RANGE	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130
VOLTAGE	310	125	155	155	200	300	225	155	155	200
CURRENT	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300

FREQUENCIES _____ _____

SENDER NO.

OPERATOR

RECEIVER NO.

OPERATOR

COMMENTS:
CAL
2-3
10X130
160
1300

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemon

LINE 1 HALF W SP. 2 DATE 11/2/70

SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	33-36	→	→	→	→	36-39	→	→	→	→
RANGE	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130
VOLTAGE	160	155	200	205	310	225	160	155	200	300
CURRENT	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	→	39-42	→	→	→	→	42-45	→	→	→
RANGE	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130	10X130
VOLTAGE	310	125	155	155	200	300	225	155	155	200
CURRENT	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300

FREQUENCIES _____ _____

SENDER NO.

OPERATOR

RECEIVER NO.

OPERATOR

COMMENTS:
CAL
2-3
10X130
160
1300

I.P. RECEIVER NOTES

S45°W

762

PAGE 1

HEINRICHS GEOEXPLORATION CO. **PROJECT** Mt Lemmon

LINE 2 BEARING SW **HALF** SW **SP.** 1 **DATE** 11-3

SEND	6-7	5-6	6-7	4-5	5-6	6-7	3-4	4-5	5-6	6-7
RECEIVE	3NE 0	0-3SW	→	3-6SW	→	→	6-9SW	→	→	→
MULT.	100	10	10	10	10	10	10	10	1.0	1.0
PFE	0.8	0.4	0.6	0.5	0.7	0.8	1.0	1.1	1.2	1.2
I	1500	→	→	→	→	→	→	→	→	→
Pa	2096	~~227~~ 587	1341	595	561	1293	415	510	486	960
MCF	0.4	~~0.7~~	~~0.4~~	~~0.3~~	~~0.3~~	~~0.2~~				
		0.9	0.5	1.0	1.4	0.7	2.7	2.4	2.7	1.4
PFE Avg.										
AC	3470	972	555	985	232	214	687	211	80.4	79.5
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.		+2.5	→	+17.5	→	→	-1.0	→	→	→
AC NOISE										
POT RES.	.9	~~3~~ .9	3.6	.9	3.6	9	.9	3.6	9	18

S 45° W

I.P. RECEIVER NOTES

762

PAGE 1

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE 2 BEARING 5 W HALF 5W SP. 1 DATE 11-3

SEND	6-7	5-6	6-7	4-5	5-6	6-7	3-4	4-5	5-6	6-7
RECEIVE	3N60	4-35W	→	3-65W	→	→	6-95W	→	→	→
MULT.	100	10	10	10	10	10	10	10	1.0	1.0
PFE	0.8	0.4	0.6	0.5	0.7	0.8	1.0	1.1	1.2	1.2
I	1500	→	→	→	→	→	→	→	→	→
Pa	2096	~~587~~	1341	595	561	1293	415	510	486	960
		587								
-MCI	0.4	~~0.7~~	~~0.4~~	~~0.8~~	~~1.2~~	~~0.4~~				
		0.5	0.5	1.0	1.4	0.7	2.7	2.4	2.7	1.4
PFE Avg.										
AC	3470	772	555	985	232	214	687	211	80.4	72.5
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.		+2.5	→	+17.5	→	→	-1.0	→	→	→
AC NOISE										
POT RES.	.9	2.9	3.6	.9	3.6	9	.9	3.6	9	18

I.P. RECEIVER NOTES

End of line at #2 electrode

HEINRICHS GEOEXPLORATION CO.

PROJECT MT Lemmon 762

PAGE 2

LINE V BEARING SW

HALF SW SP. 1 DATE 11-3

SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	9-1256	→	→	→	→	12-1554	→	→	→	→
MULT.	~~1.5~~ 10	1.0	10	1.0	1.0	10	10	1.0	1.0	1.0
PFE	0.5	~~0.4~~ 0.6	0.9	1.0	0.9	0.7	0.4	0.5	0.8	0.8
I	2000	1500	1000	→	→	2000	→	1000	→	→
Pa	289	440	1006	940	1678	95	223	415	738	606
MCF	2.1	1.6	1.0	1.2	0.6	8.4	2.2	1.4	1.2	1.5
PFE Avg.										
AC	~~137~~	~~237~~ 182	111	51.9	52.9	209	123	45.8	40.7	19.1
DRIFT	—637		—	—	—	—	—	—	—	—
S.P.	+3.8	→	→	→	→	+1.9	→	→	→	→
AC NOISE										
POT RES.	.9	3.6	9	18	31.5	.9	3.6	9	18	31.5

I.P. RECEIVER NOTES

PAGE 2

End of line 5 at #2 electrode

762

HEINRICHS GEOEXPLORATION CO. PROJECT MT LEMMON

LINE 1 BEARING SW HALF SW SP. 1 DATE 11-3

SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	9-1256	→	→	→	→	12-1554	→	→	→	→
MULT.	10	10	10	1.0	1.0	10	10	1.0	1.0	1.0
PFE	0.5	0.6	0.9	1.0	0.9	0.7	0.4	0.5	0.8	0.8
I	2000	1500	1000	→	→	2000	→	1000	→	→
Ra	289	440	1000	940	1678	95	223	415	738	606
MCF	2.1	1.6	1.0	1.2	0.6	8.4	2.2	1.4	1.2	1.5
PFE Avg.										
AC	12	182	111	51.9	52.9	209	123	45.8	10.7	19.1
DRIFT	-637		—	—	—	—	—	—	—	—
S.P.	+3.9	→	→	→	→	+1.9	→	→	→	→
AC NOISE										
POT RES.	.9	3.6	9	18	3.5	.9	3.6	9	18	31.5

I.P. RECEIVER NOTES

762

PAGE 3

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE V BEARING S W HALF SW SP. 1 DATE 11-3

SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	12-15SW	15-18SW	→	→	→	→	18-21SW	→	→	→
MULT.	1.0	~~1.0~~ 1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
PFE	0.9	0.8	0.6	0.5	0.8	0.8	1.0	0.6	0.6	0.9
I	1000	2000	1000	→	→	→	→	2000	1000	→
ρ_a	964	66	249	422	726	568	277	451	755	1218
MCF	1.0	14	2.8	1.4	1.2	1.6	4.0	1.6	0.9	0.8
PFE Avg.										
AC	19.0	~~[illegible]~~ 36.4	27.5	23.3	22.9	11.2	30.6	49.8	23.8	24.0
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.	8	+6.0	→	→	→	→	-21.5	→	→	→
AC NOISE										
POT RES.	50.4	3.6	9	18	31.5	50.4	9	18	31.5	50.4

I.P. RECEIVER NOTES

762

PAGE 3

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE X BEARING SW HALF SW SP. 1 DATE 1-3

SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	12-15SW	15-18SW	→	→	→	→	18-21SW	→	→	→
MULT.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
PFE	0.9	0.8	0.6	0.5	0.8	0.8	1.0	0.6	0.6	0.9
I	1000	2000	1000	→	→	→	→	2000	1000	→
R	964	66	249	422	726	568	277	451	755	1218
MCF	1.0	14	2.8	1.4	1.2	1.6	4.0	1.6	0.9	0.8
PFE Avg.										
AC	19.0	364	27.5	23.3	22.9	11.2	30.6	49.8	23.8	24.0
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.	#	+6.0	→	→	→	→	-21.5	→	→	→
AC NOISE										
POT RES.	50.4	3.6	9	18	31.5	50.4	9	18	31.5	50.4

I.P. RECEIVER NOTES

762

PAGE 4

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE V BEARING SW HALF SW SP. 1 DATE

SEND	1-2	2-3	3-4		CAL					
RECEIVE	21-24 SW →				2-3					
MULT.					10					
PFE					-0.1					
PFE Avg.										
AC					149					
DRIFT										
S.P.										
AC NOISE										
POT RES.										

I.P. RECEIVER NOTES

762

PAGE 4

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE 2 BEARING SW HALF SW SP. 1 DATE

SEND	1-2	2-3	3-4		CAL					
RECEIVE	21-24 SW →				2-3					
MULT.					40					
PFE					-0.1					
PFE Avg.										
AC					149					
DRIFT										
S.P.										
AC NOISE										
POT-RES.										

I.P. RECEIVER NOTES

PAGE 5

HEINRICHS GEOEXPLORATION CO. PROJECT 7/2 Mt Lemmon

LINE V BEARING NE HALF ____ SP. 1 DATE 21-3

SEND	C-D	~~W~~ S P	S D	~~9-15~~ 5-6	4-5	3-4	2-3	1-2	6-7	5-6
RECEIVE	0-3NE	3-6NE	6-9NE	9-12NE	→	→	→	→	12-15NE	→
MULT.				10	10	1.0	1.0	1.0	10	10
PFE				0.4	0.5	0.7	0.7	1.2	0.6	0.6
I				1000	→	→	2000	→	1000	→
R				841	1526	872	656	515	903	1098
MUF				0.6	0.4	0.9	1.2	2.5	0.8	0.6
PFE Avg.										
AC				928	421	96.2	72.4	32.5	997	303
DRIFT				–	–	–	–	–	–	–
S.P.	+9.0	-2.5	+10.5	-5.6	→	→	→	→	-1.7	→
AC NOISE										
POT RES.				.9	3.6	9	18	31.5	.9	3.6

I.P. RECEIVER NOTES

PAGE 5

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE 7 BEARING NE HALF ____ SP. 1 DATE 11-3

SEND	6-P	5-P	5 P	7-8-6	4-5	3-4	2-3	1-2	6-7	5-6
RECEIVE	0-3NE	3-6NE	6-9NE	9-12NE	→	→	→	→	12-18NE →	
MULT.				1.0	1.0	1.0	1.0	1.0	1.0	1.0
PFE				0.4	0.5	0.7	0.7	1.2	0.6	0.6
				84.1	156	87.2	156	51.5	70.3	101.5
MUF				0.6	0.4	0.9	1.2	2.5	0.8	0.6
PFE Avg.										
AC				92.8	42.1	96.2	72.4	32.5	99.7	30.3
DRIFT				-	-	-	-	-	-	-
S.P.	+9.0	-2.5	+10.5	-5.6	→	→	→	→	-1.7	
AC NOISE										
POT RES.										

I.P. RECEIVER NOTES

STA 12 NE AT END OF LINE

PAGE 6

HEINRICHS GEOEXPLORATION CO.

PROJECT MT LEMMON 762

LINE 2 BEARING NE HALF NE SP. 1 DATE 2-3

SEND	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4	2-3	6-7
RECEIVE	12-15 NE				15-18 NE					18-21 NE
MULT.	10	1.0	1.0	1.0	10 ~~1.0~~	1.0	1.0	1.0	1.0	1.0
PFE	0.8	0.7	1.0	1.1	0.6	0.6	0.7	0.6	0.7	0.9
I	1000		2000		1000				2000	1000
Ra	2220	1062	1170	855	616	582	1176	564	657	4032
MCF	0.4	0.8	0.9	1.4	1.1	1.2	0.7	1.2	1.2	2.2
PFE Avg.										
AC	245	58.6	73.8	33.7	~~30.0~~ 110	64.2	64.9	17.8	15.9	44.5.0
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.					+1.4					+5.7
AC NOISE										
POT RES.	9	18	31.5	50.4	3.6	9	18	31.5	50.4	9

I.P. RECEIVER NOTES

STA 12 NE AT END OF LINE

PAGE 6

HEINRICHS GEOEXPLORATION CO. PROJECT MT LEMMON 762

LINE 12 BEARING NE HALF NE SP. 1 DATE 1-3

SEND	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4	2-3	6-7
RECEIVE	12-15 NE	→	→	→	15-18 NE	→	→	→	→	18-21 NE
MULT.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
PFE	0.8	0.7	1.0	1.1	0.6	0.6	0.7	0.6	0.7	0.9
I	1000	→	2000	→	1000	→	→	→	2000	1000
R	2220	1062	1170	855	686	582	1176	564	657	4032
MCF	0.4	0.8	0.9	1.4	1.1	1.2	0.7	1.2	1.2	2.2
PFE Avg.										
AC	245	58.6	73.8	33.7	180	64.2	84.9	17.8	25.9	44.5.0
DRIFT	—	—	—	—	—	—	—	—	—	—
S.P.	→	→	→	→	-1.4	→	→	→	→	+5.7
AC NOISE										
POT RES.	9	18	31.5	50.4	2.6	9	18	31.5	50.4	9

I.P. RECEIVER NOTES

762

PAGE 7

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE V BEARING NE HALF NE SP. 1 DATE 11-3

SEND	5-6	4-5	3-4	6-7	5-6	4-5				
RECEIVE	18-21NE	→	→	21-24NE	→	→				
MULT.	1.0	1.0	0.1	1.0	0.1	0.1				
PFE	0.9	1.0	0.5	1.6	1.3	1.3				
I	1000	→	→	1000	→	→				
ρa	370	717	388	252	258	482				
MCF	2.7	1.5	1.5	6.7	5.4	2.9				
PFE Avg.										
AC	20.4	22.6	7.65	13.9	8.15	9.49				
DRIFT	—	—	—	—	—	—				
S.P.	→	→	→	+4.8	→	→				
AC NOISE	18	31.5	50.4	18	31.5	50.4				
POT RES.										

I.P. RECEIVER NOTES

762

PAGE 7

HEINRICHS GEOEXPLORATION CO. PROJECT Mt Lemmon

LINE V BEARING NE HALF NE SP. 1 DATE 62

SEND	5-6	4-5	3-4	6-7	5-6	4-5				
RECEIVE	18-21 NE	→	→	21-24 NE	→	→				
MULT.	1.0	1.0	0.1	1.0	0.1	0.1				
PFE	0.9	1.0	0.5	1.6	1.3	1.3				
I	1000	→	→	1000	→	→				
ρ_a	370	717	388	252	258	482				
MCF	2.7	1.5	1.5	6.7	5.4	2.9				
PFE Avg.										
AC	20.4	12.6	7.65	13.9	9.15	9.49				
DRIFT	—	—	—	—	—	—				
S.P.	→	→	→	+4.8	→	→				
AC NOISE	18	31.5	<0.4	18	31.5	<0.4				
POT RES.										

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemmon 762

PAGE 1

LINE 2 HALF SW SP. 1 DATE 11/3

SEND	6-7	5-6	6-7	4-5	5-6	6-7	3-4	4-5	5-6	6-7
RECEIVE	Line 0	0-3 SW →		3-6 SW →			6-9 SW →			
RANGE	10X150	10X150	10X150	10X150	10X150	10X150	10X150	10X150	10X150	10X150
VOLTAGE	340	260	340	500	260	340	500	500	260	340
CURRENT	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	9-12	SW * →				12-15 SW →				
RANGE	10X200	10X150	10X100	10X100	10X100	10X200	10X200	10X100	10X100	10X100
VOLTAGE	300	500	320	180	220	340	300	340	320	180
CURRENT	2.0	1.5	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0

FREQUENCIES 3 .3

SENDER NO. 9662-5 MK5-7

OPERATOR Upham

RECEIVER NO. 25705R

OPERATOR Martin

COMMENTS:

Cal

*10X100

~~2-3~~

340 ~~10X150 - 120V - 1.5 A~~

1.0

3-4

10X150

500

1.5A

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemmon

LINE 2 HALF SW SP. 1 DATE 11/3

PAGE 1

SEND	6-7	5-6	6-7	4-5	5-6	6-7	3-4	4-5	5-6	6-7
RECEIVE	L.C.O	0-3SW →		3-6 SW →			6-9 SW →			
RANGE	10X150	10X150	10X150	10X150	10X150	10X150	10X150	10X150	10X150	10X150
VOLTAGE	340	260	340	500	260	340	500	500	260	340
CURRENT	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	9-12	SW *			→	12-15	SW			
RANGE	10X200	10X150	10X100	10X100	10X100	10X200	10X200	10X100	10X100	10X100
VOLTAGE	200	500	320	180	220	340	300	340	320	180
CURRENT	2.0	1.5	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0

FREQUENCIES 2 3

SENDER NO. 9662-5 MK5-1

OPERATOR Upham

RECEIVER NO. 25705 R

OPERATOR Martin

COMMENTS: Cal

*10X100

340

1.0

~~2-3~~

~~*X150 = 1200 ~~ 1.5 A~~

3-4

10X150

500

1.5 A

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt. Lemmon

LINE 2 HALF SW SP. 1 DATE 11/3

PAGE 2

SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	12-15 SW	15-18	SW →				18-21	SW →		
RANGE	10X100	10X200	10X100	10X100	10X100	10X100	10X100	10X200	10X100	10X100
VOLTAGE	220	340 *	150	340	320	180	160	300	340	320
CURRENT	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0
SEND	1-2	2-3	3-4							
RECEIVE	21-24	SW →								
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES 3 .3

SENDER NO. 96625

OPERATOR Upham

RECEIVER NO. 25705R

OPERATOR Martin

COMMENTS:

* 10X100
180
1.0

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt. Lemmon

LINE 2 HALF SW SP. 1 DATE 1/3

PAGE 2

SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	12-15 SW	15-18	SW →			→	18-21	SW		→
RANGE	10X100	10X200	10X100	10X100	10X100	10X100	10X100	10X200	10X100	10X100
VOLTAGE	220	340*	150	340	320	180	160	300	340	320
CURRENT	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0
SEND	1-2	2-3	3-4							
RECEIVE	21-24	SW →								
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES 3 .3

SENDER NO. 96625

OPERATOR Upham

RECEIVER NO. 25705K

OPERATOR Martin

COMMENTS:

* 10X100
180
1.0

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt lemmon
LINE 2 HALF NE SP. 1 DATE 11/3

SEND	5-6	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4	2-3
RECEIVE	9-12NE	→				12-15	NE	→		
RANGE	10X100	10X100	10X100	10X200	10X200	10X100	10X100	10X100	10X100	10X200
VOLTAGE	180	320	340	300	340	220	180	320	340	300
CURRENT	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0
SEND	1-2	6-7	5-6	4-5	3-4	2-3	6-7	5-6	4-5	3-4
RECEIVE	→	15-18NE	→			→	18-21NE	→		
RANGE	10X200	10X100	10X100	10X100	10X100	10X100	10X100	10X100	10X100	10X100
VOLTAGE	340	220	180	320	340	300	210	180	310	340
CURRENT	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0

FREQUENCIES 3.3
SENDER NO. 9662 S
OPERATOR Upham
RECEIVER NO. 25705R
OPERATOR Martin

COMMENTS:

PAGE 1

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt Lemmon

LINE 2 HALF NE SP. 1 DATE 11/3

SEND	5-6	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4	2-3
RECEIVE	9-12 NE	→				12-15 NE	→			
RANGE	10X100	10X100	10X100	10X200	10X200	10X100	10X100	10X100	10X100	10X200
VOLTAGE	180	320	340	300	340	220	180	320	340	300
CURRENT	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	2.0
SEND	1-2	6-7	5-6	4-5	3-4	2-3	6-7	5-6	4-5	3-4
RECEIVE	→	15-18 NE	→				18-21 NE	→		
RANGE	10X200	10X100	10X100	10X100	10X100	10X100	10X100	10X100	10X100	10X100
VOLTAGE	340	220	180	320	340	300	210	180	310	340
CURRENT	2.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0

FREQUENCIES 3 3

SENDER NO. 9662-5

OPERATOR Upham

RECEIVER NO. 25705R

OPERATOR Martin

COMMENTS:

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt. Lemmon

LINE 2 HALF NE SP. 1 DATE 11/3

PAGE 2

SEND	6-7	56	4-5							
RECEIVE	21-24	NE	—							
RANGE	10X100	10X100	10X100							
VOLTAGE	200	160	310							
CURRENT	1.0	1.0	1.0							
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES 3 .3

SENDER NO. 96625

OPERATOR Upham

RECEIVER NO. 25705R

OPERATOR Martin

COMMENTS:

PAGE 2

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Mt. Lemmon

LINE 2 HALF NE SP. 1 DATE 11/3

SEND	6-7	56	4-5							
RECEIVE	2 1 2	NE	—							
RANGE	10X100	10X100	10X100							
VOLTAGE	200	160	310							
CURRENT	1.0	1.0	1.0							
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES 3 3

SENDER NO. 96625

OPERATOR Upham

RECEIVER NO. 25705R

OPERATOR Martin

COMMENTS: