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INDUCED POLARIZATION SURVEY GLOVE MINE PEDIMENT AREA SANTA CRUZ COUNTY, ARIZONA

FOR CF & I STEEL CORPORATION MARCH 1972

by

Heinrichs Geoexploration Company P.O. Box 5964, Tucson, Arizona 85703

Tel: 623-0578

GEOEX Job #690 CF & I P.O. #13956

HEINRICHS GEOEXPLORATION COMPANY

TABLE OF CONTENTS

Introduction	1
Conclusion, Recommendations and Interpretation	2
Induced Polarization Location and Interpretation Plan	
Sectional Data Sheets	

Line 1 Line 2 Line 3 Line 4

INTRODUCTION

At the request of Mr. James Brooks of CF & I Steel Corporation, Heinrichs GEOEXploration Company completed a reconnaissance induced polarization (I. P.) survey over portions of the pediment area northwest of the Glove Mine, Santa Cruz County, Arizona. This field work was done in the interim February 22 to March 6, 1972.

The coverage consists of four lines all oriented N35°E and centered roughly on the N55°W projection of the Glove Mine mineralization trend. The lines are separated one mile apart and run with 1000 foot dipoles which likely gave resolvable penetration in the zone from about 300 to 1200, or so, feet below surface. The total surface coverage amounts to 10.8 linesmiles of which 6.7 line miles are "subsurface" plotted data.

The dual frequency I. P. technique was used with sending frequencies of 0.1 and 1.0 hz. The collinear dipole-dipole array was the electrode configuration utilized with the "n" interval ranging from 1 through 6. A GEOEX Mark 4 I. P. system was employed to obtain the data.

The data are presented on "pseudo-sectional" data plot sheets, one for each line, with the I. P. and resistivity information in "sectional" form and the self potential (S. P.) in profile form. A plan overlay showing the line locations is also included.

GEOEX personnel involved were W. Freeman, Geophysicist-Crew Chief with overall supervision, report and interpretation by C. Ludwig, Senior Geophysicist.

CONCLUSIONS, RECOMMENDATIONS AND INTERPRETATION

No anomalous I. P. effects suggestive of significant sulfide concentrations were noted on the survey. Anomalism was encountered, particularly on Lines 2 and 3, but is obviously the effect of a well grounded metal water pipe line which runs through the area. Otherwise, the I. P. (and resistivity) values are within the typical background response range for the geologic materials involved, i.e., Tertiary and Quaternary volcanics and alluvial gravels, Cretaceous volcanics and sediments and Paleozoic limestones. The S. P. effects also show only minor background variations along the four lines.

Deep alluvium (or Tertiary volcanics) as implied by very low resistivity material, likely thicker than 1000 feet, is noted SW of 5SW on Line 1, SW of 10 SW on Line 2, SW of 45NE on Line 3 and probably on all of Line 4. Northeast of this very low resistivity material on Lines 1, 2 and 3, is intermediate resistivity material, outcropping or very shallow alluvial covered (less than 300 feet) likely Cretaceous volcanics and sediments.

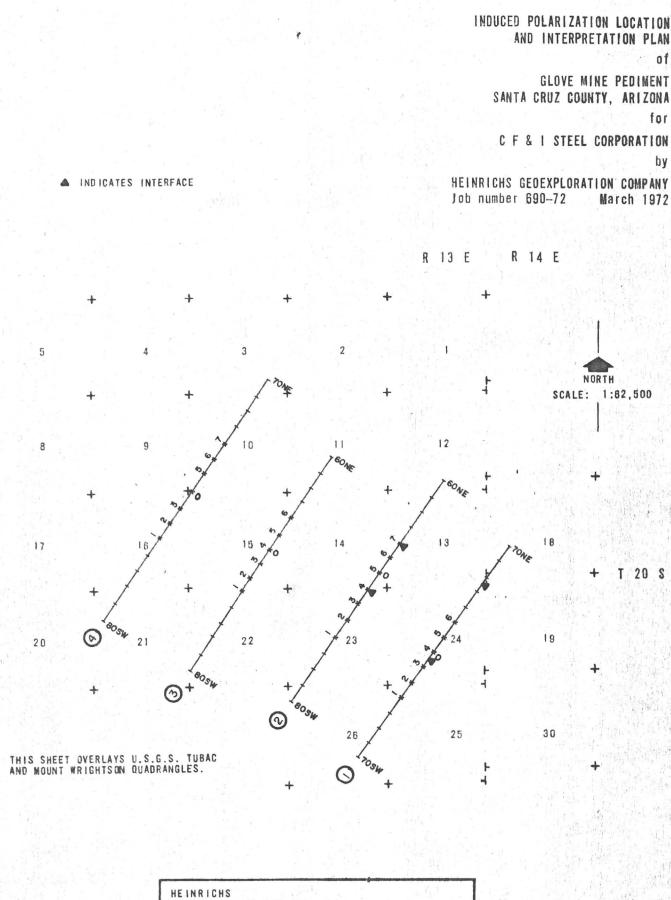
Line 1 shows high resistivity material NE of 45NE correlating very well with the exposed block of Paleozoic limestones in that area.

Based on the lack of encouraging I. P. results, no further electrical work appears justified at this time in the immediate vicinity of the existing coverage. However, the general Glove Mine area is considered to be a prime prospecting district with good potential for large scale economic sulfide mineralization and additional geophysical reconnaissance is certainly warranted elsewhere in the district.

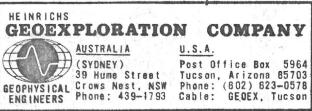
> Respectfully submitted, Heinrichs GEOEXploration Company

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Chris S. Ludwig Senior Geophysicist

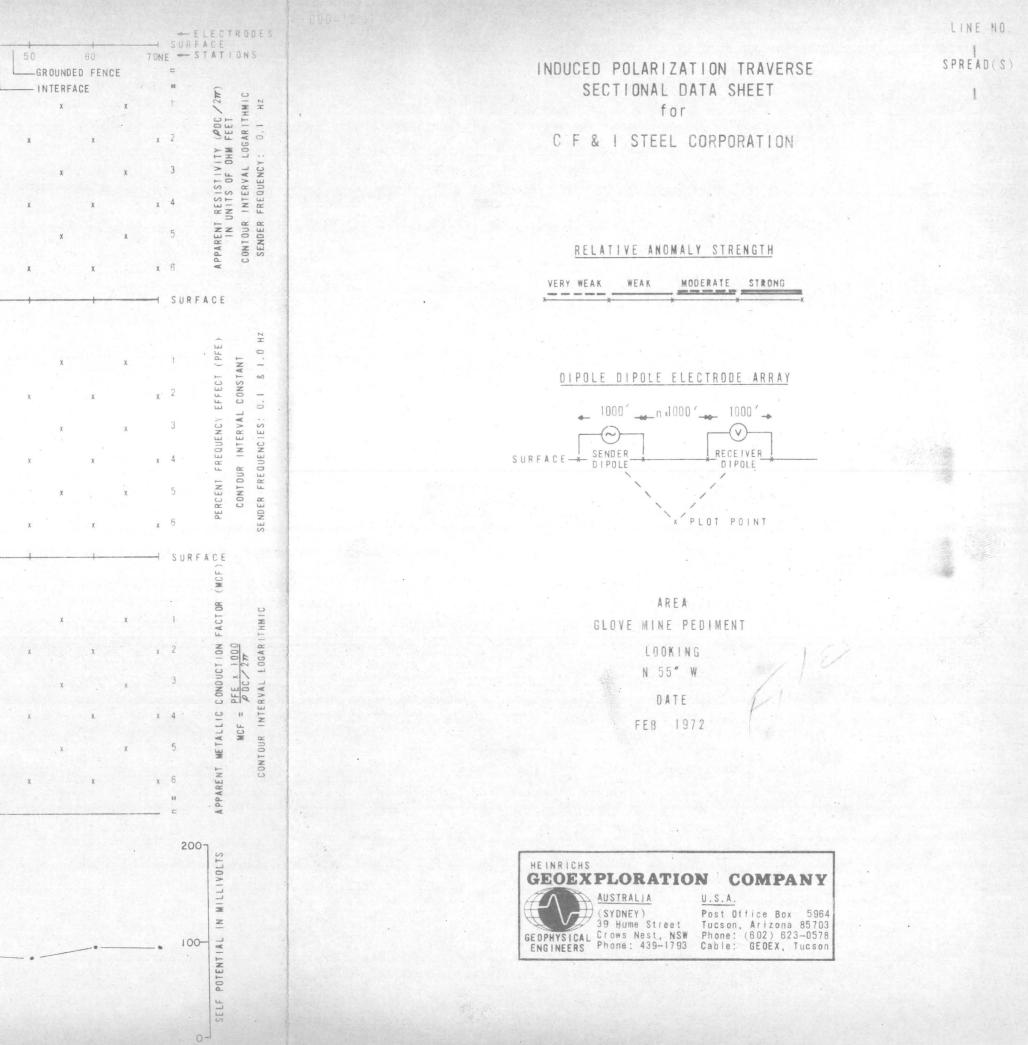


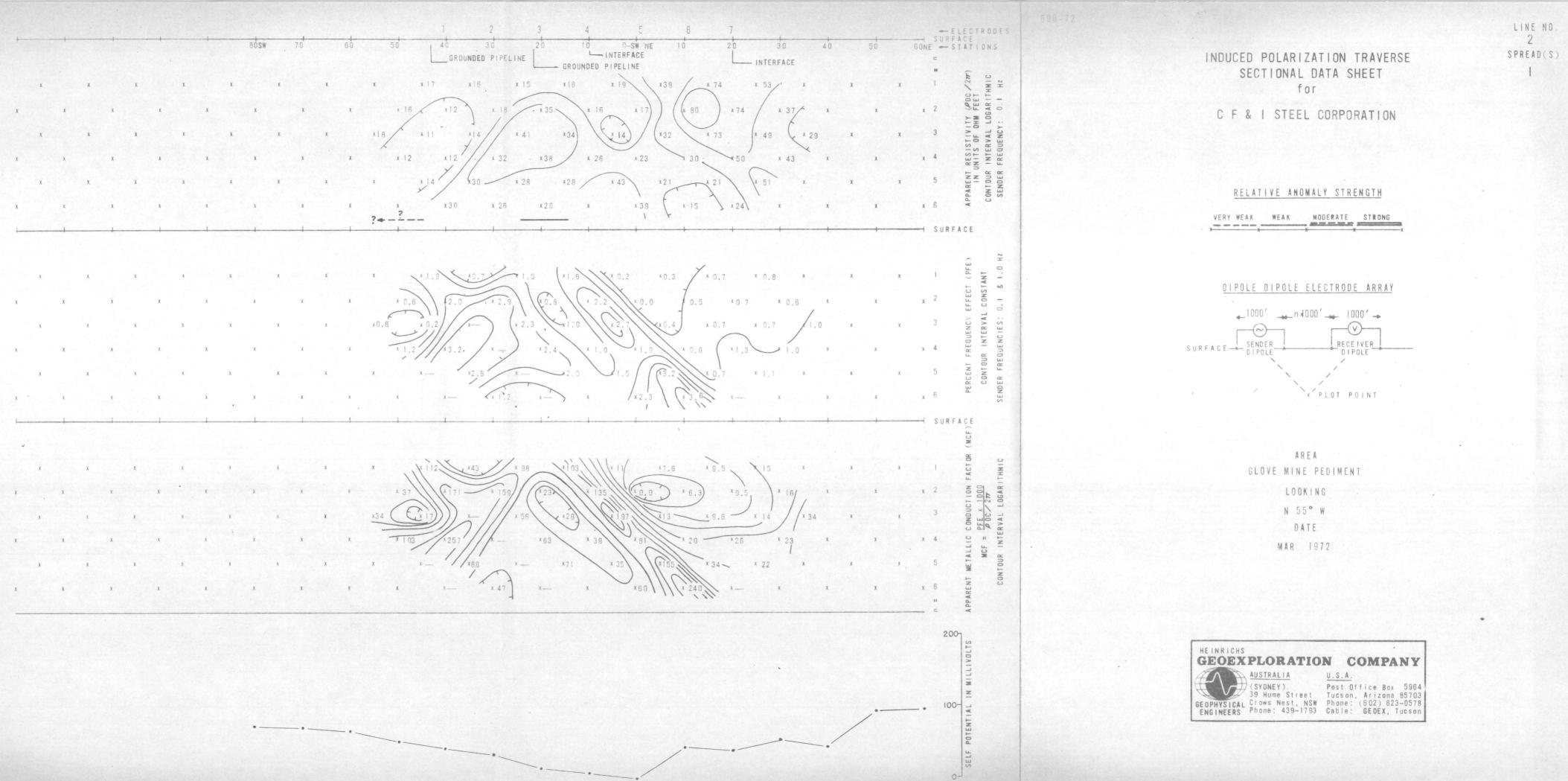
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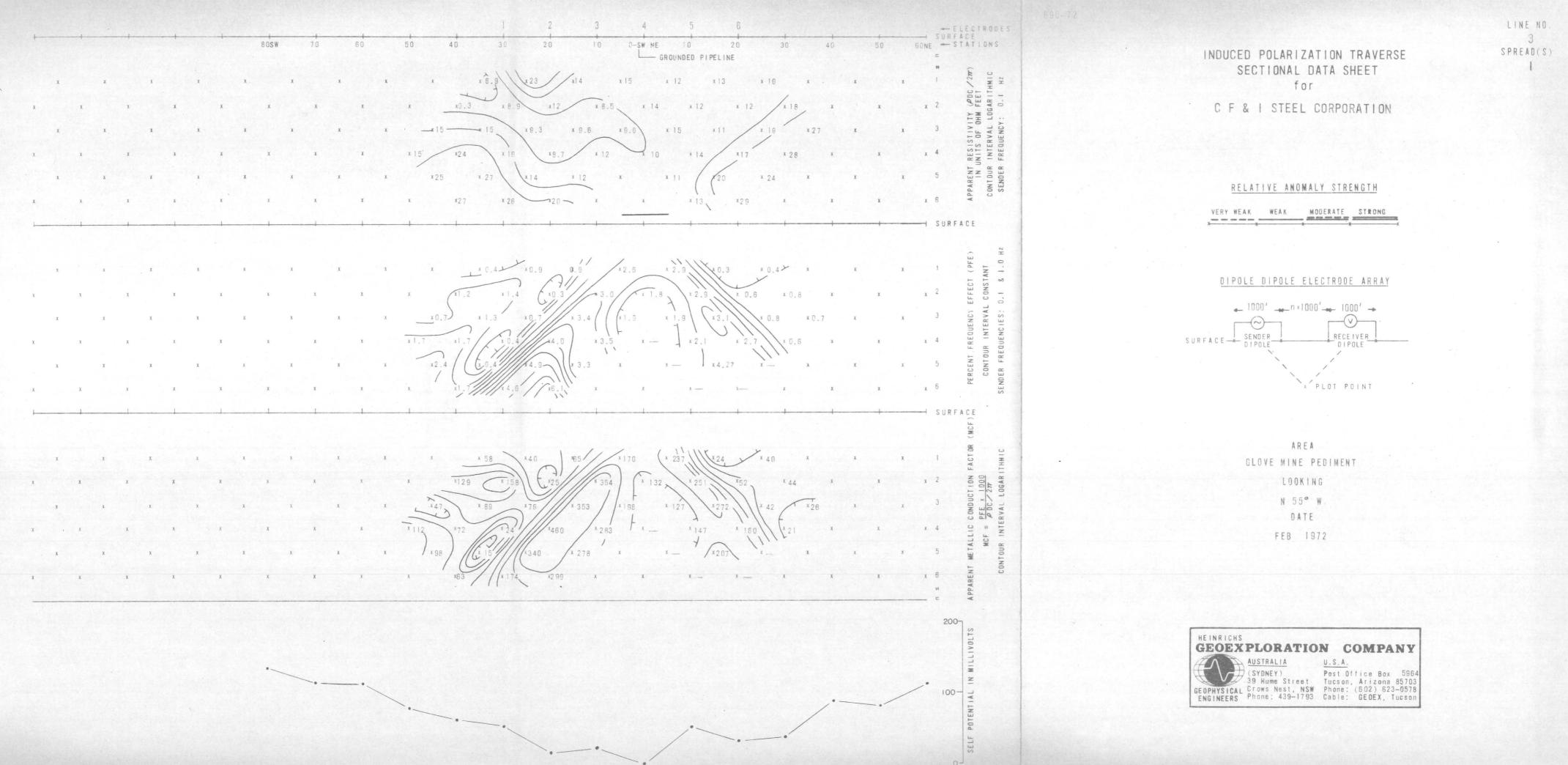


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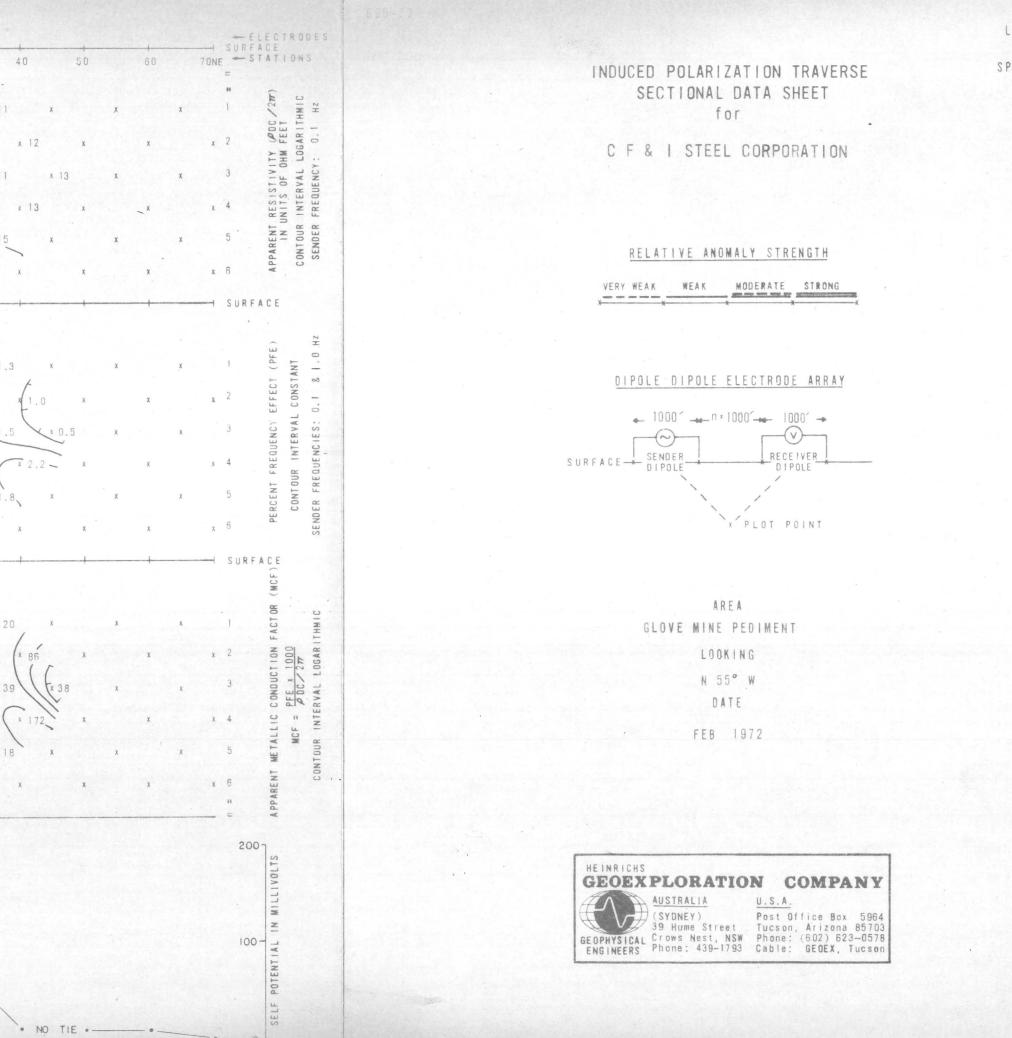
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80%	/	701×	(x/59	1	120	×2.2		14	\mathcal{I}	8	\sum		52x	$\left[\right]$	x/3		×//	×		0
*	811x	_	x/39		×120			X/.8	-	15		x /.3			5/x		x//		x //	all	
×	1	×/7	1/	28 ×		192	×		×2.2	1	×/.c			+ ×		×13		×12		0	-
	x	N	xz	1-	×	mul -		×	19	×0	0	×			×		X/X		×		
×		х	00	×			- ×		×	5	×			- ×		×	~	×		6	-
						2						2							~	U	
	×		×		^			×		×		^			~		4		-	<i>6</i> .	
×		×		×		56.	- ×		×		×			† *		×		×		03	-
	×		×		×			×		×		×			×		×		×		
X		×		x		-10	+ ×		×		×			+ ×		×		×		20-	-
	~		J		×	20		×		×		×			×		×		×	20	
	~		6					- 1							0.5				NAMES (- 1	
×		х		×			† *		×		×			- ×		×		×		-	
	х		×		×			×		×		×			×		×		×		
							1							A							

Job 699, LINE 4, Sprend 1, NE+SW12, 3/3/22 1000.

AN TO		= 5%		I.P. RE			C	6	0.0	PAGE /
	HEINI	RICHS GE INE <u>4</u>	OEXPLOR B	EARING /	0. PRO	JECT S	HALF _		DA	TE3-3-7
SEND	3-4	4-5	5-6	6-7	4-5	5-6	6-7	5-4	6-7	6-7
RECEIVE	1-2		and the second designed and th	>	2-3		an management of the	3-4	~~~>	4-5
MULT.	1.0	0,1	0.1	0.1	1.0	0.1	0,1	1.0	0.1	1.0
PFE	0.5	1.0	1.5	3.4	0.3	1.6	1,5	10.8	1.3	0,1
			-0-4	0=9		1997 - C				
3.0				1.12			1. 1	1.1.1	1	
1,0				8.2			и. Т			
0.3				10.5			A de al			
0.1				12.5		1.1.1				
Cur	6	5	4	4	5	4	4	4	4	9
H	1	2	3	4-	+ promotion	6	7	8	9	10
n	1	2	3	4	1	2	3	1	2	1
PFE Avg.										
AC	26.3	4.23	1.70	1.20	17.1	4.01	2.42	14.2	5.49	13.0
DRIFT			-		-		Junior	Margarette.	_	OCTIVITIES .
S.P.	4		Section 1990	1	ð .	1997				
AC NOISE			11						1.1	
POT RES.					1.1.1				1.	15 19

	HEIN	RICHS GE LINE 4	OEXPLOR		ECEIVER	1	GLAF	690	2	PAGE
SEND	CAR	S.P.	S.P.	S.P.	5-6	4-5	HALF A	Z-3	? DA	6-7
RECEIVE MULT. PFE	4-5	0-10N	10-200	20-301	130-402	0.1	0,1	0.1	.01	40-50 N 1.0 1.3
								-0.7	0-10-	
H. H.	2				4	12	13 3	4	15	4
PFE Avg.										
AC DRIFT S.P.	146.	-6.2	-15.2	-7.2	-63,9	4.33	34 4		492	14.0
AC NOISE POT RES.	(.0.1	9 K	1.5K	7K	5K		1. 20			1

	HEINR	LICHS GE	OEXPLOR		ECEIVER	NOTES	GLOVE		690	PAGE 3
	Specific L	.INE <u>4</u>	B	EARING_	N35°E		HALF_	<u> </u>	DA	TE3-6-7
SEND	5-6	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4	Z-3
RECEIVE	40-50 N	A		and the second se	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	50-60	N -			2
MULT.	Dil	0.1	0.1	1.01	.01	0,1	0.1	Ort	.01	.01
PFE	1.8	1.5	1.6	2.5	1.0	1.0	1.5	1:4	1.1	1.5
	A CONTRACTOR		0-2	0-1	0=10	0-1	0-3-	201.00	0-2	10-3
1	1	2	161 0	1	2	d	1500	-		- A
lun.	17	18.	19	20	21	22	23	24	25	26
M.	2	3	4	5	6	2	3	4	5	6
TE AVO							20			
AC	3.64	2.07	2.03	769	358	3.75	1.74	1.06	.275	171
DRIFT		2.01	2.00	-1.07			1.17	1.00		T
S.P.		California de		1987 - A. S.	1.559	1.1		1.1.1.1.1.1.1	a state of the	2.1
AC NOISE	10	1.000		mar in		12.9	Table	The second	and the	C. Data A
POT RES.	e Sec.	Carl Carlo	State of			8K			石水市	1. 1.

10.11.1

	HEINR	ICHS GE	OEXPLOR		CEIVER					PAGE 4
at the	L	INE	B	EARING_			HALF_	SP	DAT	Е
SEND	6-7	5-6	4.5	3-4	1				I	E.
RECEIVE	60-70N			-52	1.14 1.1					4.3
MULT.	0.1	0.1	.01	01						
PFE	0.5	2.2	1.8	2.2	S. S. S.	and the second	-			A PL
	-	0-1	0-6	0-4	2		++			
			1.1	- 3 - 3 10-12-12 - 11			+			1.36
Car	4	5	5	7			9			1
the	27	28	29	30	14.1	4.				
la	3	A	5	6		Sug 2			-	1
E.C.	1.14. 2	" Walt	to State	1 - Walder		le de la come				199
		Western A.	and the second	1	12.16.2.1		10000			
FE Avg.	1.24	1.00		0.0.1						1. 北京市
AC	1.72	1,02	.701	.996		the second	1.00.2			
DRIFT	-	Winepetalle	quinter	Right Statement		6 Garde	and the second sec			- Car
S.P.	1 1				5					1000
AC NOISE							-			
POT RES.	4-K					5 A.	1. 1. 5. 6.			20

					ECEIVER		\sim		1	PAGE	E
	HEINI	RICHS GE INE <u>4</u>	EOEXPLOR B	ATION C EARING	0. PRO 535° ω	JECT	HALF_		590 DA		72
SEND	CAL	S.P.	5.P.	S.P.	2.3	3-4	4.5	5-6	6-7	1.2	
RECEIVE	3-4	0-105	10-203	20.305	36-20	s —			>	40.50	2
MULT.	101		· · · · · · · · · · · · · · · · · · ·		1.0	1.0	0.1	0.1	0.01	1.0	P.C
PFE	0.0				0.6	0.7	1.2	1.3	2.8	0.3	
						, í					-
			*		1			-3-	0,737		_
	Charles and Charles							-t-	10.7		
								-01	13.1		_
							100	014	14.0		-
Cur	11				4	7	5	5	4	4	
II.	1.				31	32	33	34	35	36	-
PFE AVg.		PROVINCE AND ADDRESS	n former han only 100			6	3	4	S		1.17
AC	195.				33.3	10,9	2.31	1.33	0.8/3	18,1	
DRIFT	100.		+			10,2	6.01	1.02	0.012	10,1	-
S.P.		+25.1	- 4.0	-16.3	+16.0	~			1	+11.8	-
AC NOISE		1	7.0	.0.0	113.0					7/1.0	-
POT RES.		10 K	12 K	8K	5K				1	IOK	-

· MA M				I.P. RE	ECEIVER	NOTES	0			PAGE
	HEINF	INE 4	OEXPLOR B	ATION C EARING	0. PRO	JECT _	GLOUE HALF_	ر SP. <u>ح</u>	690 DA	TE3.6.7
SEND	2-3	3.4	4.5	5.6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	40.0		1	and the second se	2	50-60			and the second se	>
MULT.	0.1	0.1	0.01	0.01	0,01	0.1	Orl	0.1	0.01	0.01
PFE	0.8	1.3	1.5	2.6	4,8	0,7	1.2	1.6	2,3	2.9
¥.		an an Allan		_3	0.370				3	0.358
	1			-7	15.0	1	1	1	+	14.0
				0,3	18,0	Mar	11 1 V		<i>5</i> .3	17.8
10	111 1	i m	1.	0.1	18.5				Ø. /	18.4
Cur	4	7	5	5	4	4	4	7	5	5
tot-	37	38	39	40	41	42	43	44	45	46
M	2	3	4	5	6	2	3	A	5	6
PFE Avg. AC	F 111	2 84	0.998	D122	0 1121	1112	2.32	(C al	- (0 !	1
	5,46	5107	0.198	0.632	0,421	4.13	6.06	2.06	0.601	6,408
DRIFT S.P.	12.0		-			+5,5	-			<u> </u>
AC NOISE	1		1			10,0				
POT RES.	0 1				100 A	GK				

	HEINF	ICHS GE INE <u>4</u>	0 E X P L 0.1	I.P. RE			TLOVE HALF_	<u></u> SP.	690 DA	PAGE 7 TE3-6-7
SEND	1-2	2.3	3.4	8-5	1-2	2-3	3-4			
RECEIVE	60-70			-3	70-80		~>	-		
MULT. PFE	0.1	6,1	0.1 3.0	0.01 3.1	0.01	2,1	0.01 2.3			
				A Par						
lac.	4	4	7	5	4	4	7			
M.	47	48	49	50	4	52	53		1	
FE Avg.					Market Mark	a the state				
AC	1.56	1.08	1.07	0.344	0.848	0,646	0,734			1
DRIFT	1	-	-		N Street Street,	~	BRENCHLORING.			
S.P.	+ 7.0				+33.1		Section .			
AC NOISE			the second	1 1	12.18			and the second second		
POT RES.	4K	Section Sec	and the second	1. M. 1.	10K	and the second			1 Marshare	L

					DPC	JECT_	GLOUE		690	PAGE			
	HEINR		DEXPLORA		LINE	-4	HALF_	and the second se	A CONTRACTOR OF A CONTRACTOR OF A CONTRACTOR OF A	TE3/3/72			
SEND	3-4	4-5	5-6	6-7	4-5	5-6	6-7	56	6-7	6-7			
RECEIVE	1-2			~~~>	2-3		~ >	3-4	->	4-5			
RANGE	200 × 30	1666530	133.3×30	133.3×30	30 × 166,6	30×133.3	30×133.3	Contraction of the local division of the loc	States of the state of the stat				
VOLTAGE	470	460	420	500	460	430	500	430	500				
CURRENT	(0.0	5.0	4.0	4.0	5,0	4,0	4.0	4.0	4,0				
SEND	CAL	5-6	4.5	3-4	2.3	1-2	6-7	5-6	4-5	3-4			
RECEIVE	3-4	30-40N				>	40.50		1.124 1.127 - 127 - 128 1.127 - 127 - 128	->			
RANGE	10 X 200	30 × 133	30×166	30 × 200	1	30 × 100		in and in the second		30×200			
VOLTAGE	130	430	460	410	580	440	500	430	450	410			
CURRENT	2.0	4.0	5.0	6.0	4.0	3.0	4.0	4.0	5.0	6.0			
FREQUEN	CIES 1	0.1	1. T. J.	COMMEN	ITS: LO	ST TIM	ME ON	J ONF	AN-	VERY			
SENDER		644 5		HARD TO START (2 HRS)									
OPERATO	RW	FREEM											
RECEIVE		10011	R	ELE	C#A	0=5	74 0,0						
OPERATO	R	B. Delga	do	the state of the	4. 200			-	The second second				

							Gui	Å	690	PAGE		
	HEINR	ICHS GEO	DER NO	TION CO	. PRC	JECT_	HALF_	N_SP.		TE3-3-7		
SEND	2-3	1-2	6-7	5-6	4.5	3-4	2-3	6-7	5-6	4.5		
RECEIVE	40.5	-7	50-60				-7	60-70	-	-3		
RANGE	30×133	30×100	30×133	30×166	30×166	30×200	30 × 100	30×133	30 ×166	30×166		
VOLTAGE	580	440	500	520	420*	410*	550*	510	500	420		
CURRENT	4.0	3.0	4.0	5.0	5.0	6,0	4.0	4.0	5.0	5.0		
SEND	3.4			1.123	1.				N. A.			
RECEIVE	60-70	4)			and the second			Sec. Sec.	12.00	1		
RANGE	30×233		and the second sec			1.4			1.3	1200		
VOLTAGE	4.50					Service Start	Compared to the second	1. 1. 1.				
CURRENT	7.0	land and			1.5.1.1.1.1.1	14. 14		Par and Par	1 the	(FU)		
FREQUEN		0.1		COMME	NTS: OU	CR UGL T	Aft 1	WITH	REG	ULATO		
SENDER I	NO. 6	6445	and the second sec	- AGAIN - VOLTAGE PEES OUT - O.K LODSE PLUG								
OPERATO	r Pl	COMA	4							F209		
RECEIVE	R NO.	8691 k	2	-X - 1	Repeat	ON	5-6-12					
OPERATO	R (Delgad	0	F. Tangaran Managaran	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		S. Series	Contraction of the		1.1.1.4		

							ZINIE	#/ar		PAGE			
	HEINRI	RICHS GEO P. SEN	DEXPLORA	OTES	LINE	JECT	HALF	SW45°SP.		TE3/6/72			
SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4.	4-5	5-6			
RECEIVE	30-40.	5W			>	40-50	5W			>			
RANGE	133 3 ×30	2333×30	166.6×30	1166.16×30	133.3×30	133,3730	133.3×30	233,3 130	166.6×30	And and and a second descent			
VOLTAGE	560	4:60	430	505	520	580	560	460	430	505			
CURRENT	4.0	7.0	5.0	5.0	4.0	4.0	4.0	7.0	5.0	5,0			
SEND	6-7	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4.5			
RECEIVE	40-50	50-605	pu	e F	×60-705W								
RANGE	133.3×36	the second se	1	233,3 ×40	166630	1666430	133.3130	133.3×30	233 3430	166.6430			
VOLTAGE	520	580	560	460	430	505	580	560	460	430			
CURRENT	4.0	4.0	4.0	7.0	5.0	5.0	4.0	4.0	7.0	5.0			
FREQUEN	CIES	0.1		COMMEN	ITS: SE	EMS th	6 65 A	A Short	+ in				
SENDER I		44-5	1997 - 1997 1997 - 1997 1997 - 1997	input	olug +	-A PER	ILAtor	hox					
OPERATO	R Delgy	Ado		Nottage - DEGS out while SENDING.									
RECEIVE	Contract of the second division of the second	and building of the local day of the loc	1.18	VOITA	gE -	PEqS	ORT	UNITE	SENU	INY ,			
OPERATO	DR FREEM	MAN	-		<i>v</i>			A State of the State					

		NCHS GEO	DEXPLORA	TION CO. DTES	PRO	JECT	Jave HALFS	#/690 SWSP.) D,	РА GE 4 АТЕ <i>:[[6]72</i>
SEND	1-2	2-3	3-4							
RECEIVE	A10-80	W						1.4.2		1
RANGE	133:3430	133.3×30	233 3 ×30							
VOLTAGE	480	4.60	460						-	
CURRENT	4:0	4.0	7.0							
SEND										
RECEIVE										
RANGE										
VOLTAGE	ŧ								-	
CURRENT	1							1		
SENDER	FREQUENCIESO./ SENDER NO. 6644-5 OPERATOR DE 18Ado				rs :					
RECEIVE	h	691-R AN W.T	5		1		1			18. F

	Elec#4	= cente Sta 0	er	I.P. RI	ECEIVER	NOTES	- · · ·			PAGE
	HEINR	Cente Sta C IICHS GE INE 4	OEXPLOR B	ATION C	NBSE	JECT _	HALF_	N_SP.	<u>690</u> DA	TE3-2-7
SEND	J T	4-5	5-6	6-7	14.2	5-6	6-7	5-6	6-7	6-7
RECEIVE	1-5		and the second second second second	>	2-3	-	California and California	3.4	->	4-5
MULT.	1.0	0,1	0.1	0.1					and the state of the second	
PFE	0.2	1.1	1.5	3.3	A States	all a				
3			-	1 11	the first					
3				1.11						
0.3				10,0	-			-	-	
0.1			34	10.5	-			1 1 1 1	1	
(Qr /	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	and the second		10:3	1					
	1.55		- 10 A	1.10	1			10000	1	
		19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			1		1		1
PFE Avg.					- Andrewski					Sales and the
AC	26.1	4.23	1.70	1.21			1.1.1	1. 1. 1.		
DRIFT	-	-		-	d	Qir.		1.		1
S.P.				Land Contraction						
AC NOISE					Sec. Sec.					
POT RES.									1	

P T	OST O UCSON HONE	FFICE , ARI	BOX ZONA	LORATION CC 5964 (85703)					· ·									
	TONE	020-0	1910															
	OB 69			, SPREAD	1, NE + S	W 1/2,	3/3/72				1000	FEET=	DIPOLE	LENG	ТН			<u></u>
			_															
	CAL 2.	CUR 000		FE /		AC2 A	C FREQ	DC FREQ .10	PFE CAL 0.0000		0 CAL							
-					COMPUTED	DATA							f	IELD	DATA	4		
Ρ	POINT	N0.	N	RHO	PFE	MCF	CCPFE	CCMCF	CPFE	•		PFE	CUR	PT.	N	AC1	AC2	
				17 10	50	77 4	24	47 5	26	ж ж		50	6 0 0	4	4	06 700	0.00	
		1 2	1 2	13.49 10.46	.50 1.00	37.1 95.6		17.5 -29.2	.26 1.31	**		.50 1.00	6.00 5.00	1 2	1 2	26.300	0.00	
		3	3	13.21	1.50	113.6	and the second se	-48.4	2.14	**		1.50	4.00	3	3	1.700		
		4	4	18.99	3.40	179.0	. 97	51.0	2.43	**		3.40	4.00	4	4	1.200	0.00	
		5	1	10.50	.30	28.6		-7.0	. 37	**		.30	5.00	5	1	17.100		
		6	2	12.47	1.60	128.3		45.2	1.04	**		1.60	4.00	6	2	4.010		
		(3	18.80	1.50	79.8	.15	7.8	1.35			1.50	4.00	1	3	2.420	0.00	
		8	1	10.95	.80	73.0	. 45	40.9	.35	**		.80	4.00	8	1	14.200	0.00	
		9	2	17.02	1.30	76.4	•62	36.2	.68	**		1.30	4.00	9	2	5.490	0.00	
		10	1	° 9.96	.10	10.0	30	-30.3	. 40	**		.10	4.00	10	1	13.000	0.00	
		4.4	4	2 00	70	77 7	. 47	- 4.9 . 0	4.7	**		70	4.00	4.4	4	44 600	0 00	
		11 12	1 2	8.90 10.65	•30 •40	33.7 37.6		-18.8 -82.3	.47	**		•30 •40	5.00	12	1 2	11.600		
		13	3	17.78	1.30	73.1	16	-8.7	1.46	**		1.30	6.00	13	3	3.440	0.00	
		14 15	4 5	18.33 17.92	1.50 2.00		-1.04	-57.0	2.54	**		1.50	4.00		4		0.00	
		16 17	1 2	10.85	1.30	119.8		86.9	.36	**		1.30	4.00		1 2	14.000	0.00	
		18	3	12.86	1.50	116.6		-55.4	2.21	**		1.50	5.00		3		0.00	
		19	4	21.05	1.60	76.0	53	-25.3	2.13	**		1.60	6.00	19	4	2.030	0.00	
		20 21	5 6	21.11 20.66	2.50	118.4 48.4		-43.4 -202.8	3.42 5.19	**		2.50	4.00	20 21	5		0.00	
	•	20		14 50	4 00	00 0		10.1				1 00	1. 00	20	0	7 7 1 1 1	0 0 0	
		22 23	23	11.59 10.81	1.00		14	-12.1	1.14 2.76	**		1.00	4.00	22	23		0.00	
		24	4	13.16	1.40	106.4	-2.47	-187.4	3.87	**		1.40	5.00	24	4	1.060	0.00	
		25 26	5	20.49	1.70		-17.89	-3581.5	19.59 5.25	**		1.70	6.00	25 26	5		0.00	
		27	3	13.23	.50	37.8	-1.63	-123.5	2.13	**		.50	4.00	27	3	1.720	0.00	
		28	4	12.76	2.20	172.4	-1.82	-142.4	4.02	**		2.20	5.00	28	4	1.020	0.00	
		29 30	5	15.29 24.93	1.80		-3.31 -1.91	-216.3	5.11 4.11	**		1.80	5.00	29	5		0.00	

	and the second	and the second second second		a magalan ayal na marka ayal		Sand Sand Swell 1997 1997 States Street Street Street Street		Contraction of the second second second	The second s				Periodes (1996) - 7 alt C a so		Notice and search and space. Search and	
	31	1	25.64	.60			19.2	.11	**	.60			1	33.300	and and the second s	
	32	2	19.20	.70			6.2	.58	长舟	.70	7.00	32	2	10.900		
	33	3	14.31	1.20	83.8		-50.9	1.93	**	1.20			3	2.310		
	34	4	16.50	1.30	78.8		-97.6	2.91	**	1.30			4	1.330		
	35	5	22.39	2.80	125.1	37	-16.7	3.17	**	2.80	4.00	35	5	.813	0.00	
	36	1	13.89	.30	21.6	.05	3.3	. 25	**	.30	4.00	36	1	18.100	0.00	
	37	2	16.85	. 80			6.3	.69	**	.80	4.00	37	2	5.460		
	38	3	17.01	1.30	76.4		-14.2	1.54	**	1.30	7.00	38	3	3.840	0.00	
	39	4	12.40	1.50	120.9	-2.66	-214.7	4.16	**	1.50	5.00	39	4	.998		
	40	5	13.89	2.60		-3.15	-226.5	5.75	**	2.60	5.00		5	.632		
	41	6	18.91	4.80	253.8	99	-52.4	5.79	**	4.80	4.00	41	6	.421	0.00	
	42	2	12.73	.70	55.0	31	-24.2	1.01	半半	.70	4.00	42	2	4.130	0.00	
	43	3	17.97	1.20	66.8	and the second se	-13.1	1.44	**	1.20	4.00	43	3	2.320		
	44	4	18.31	1.60	87.4		-51.8	2.55	**	1.60		44	4	2.060		
	45	5	13.17	2.30	174.6		-291.1	6.14	**	2.30	5.00	45	5	.601		
	46	6	14.39	2.90		-5.18	-359.5	8.08	**	2.90	5.00		6	.408		
	1 -	7	40 41	4 70	41.0 0	- 60	- 56 0	2 70	举举	1.70	4.00	1. 7	7	1.560	0 00	
	47	3 4	12.14	1.70		68 -1.14	-56.2	2.38 2.84	**	1.70	4.00		3 4	1.080		
	48 49	5	16.87	3.00		-1.52	-90.3	4.52	**	3.00	7.00		5	1.070		
	50	6	12.16	3.10		-6.80	-558.9	9.90	**	3.10	5.00		6	.344		
		0											-			
		~							ar 20		,					
	51	4	13.19	1.60		-2.26	-171.2	3.86	**	1.60	4.00		4	.848		
	52	5	17.67	2.10		-2.17	-122.9	4.27	**	2.10	4.00		5	.646		
	53	6	18.39	2.30	129.1	-3.69	-200.8	5,99	**	2.30	7.00	23	Ø	.734	0.00	
											,					
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	•															
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e.																
						the second s	and the second se									

Job 620, LINE 3, Sprendl, SW2, 3/1/72 1000.

CANAN A	Gener VERY HAR	0 16 1	STARTLY		CEIVER		BLOVE		0 MM .	PAGE
	Call Call	INE 3	В	EARING	0. PRO. 535W		HALF_	S_SP.	DA	TE 3-1-7
SEND	2-3	3.4	4.5	5-6	1.2	2-3	3-4	4.5	5-6	1-2
RECEIVE	30-405	1.0	-	(Changerson and Changerson and Chang	40.50	-	Constant of the second		Chancelong -	50-6
MULT.	1.0	0.1	0,1	0,1	0,1	0,1	0.1	0.01	0.01	0,1
PFE	0.8	0.2	3,3	3.4	0.3	1.3	0.6	3,9	3.2	1.1
S.D.	and a second		1.09		a	all strong	A States		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 11 14
3#+		it induction in the Mana	1.97	6.1	1	Service Service	Sugal de	0.842	A LANCA TA	1
0.3		Real Mar	1.1	7.6	1.8	A start of the	1.	13.3	19	5. 1. Jul
	1977 A.V. B.		10.6	10.2	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		1. 1. 1. 1.	16.8		La como
01	The second se	6	12.3	10.4	1	and the second second	1	18.6	1	1
the	5	2	2	4	eg .	0	6	-	9	
1	1	2	2	4		2	2	4	100	2
PFE Avg.				and the second states of the	The Article Frank		C.	T		1
AC	36.5	5.80	2.13	1.17	8.99	3.58	1.80	0.956	0.643	3.00
DRIFT	<u> </u>		-	0	~		~	-	-	
the second se	+10.2		1)		+18.2		a de la companya de l La companya de la comp		1997 B.	+ 32 7
AC NOISE	See Shar	Elens to			and the second			100		
POT RES.	4/2	The said	1	1.2.2	3K	$\beta_{2eq}^{p_2} \in \{l, e\}$	「「「「	5. S. S. H	1. 1.87 Pa	5 K

F	Poor	RAda No SA	Conn!	I.P. RE		NOTES	VERY	NOIS	y!l Do	PAGE 3
HE VE	D L	INE 3	B	EARING	53520	the local division of	HALF_	<u>5</u> _SP.	DA	TE <u>3-/</u> -
SEND	2-3	3-4-	4-5	5-6	1-2	2-3	3.4	4.5	1-2	2-3
RECEIVE	50.60	-	1		60-70	-		>	70-80	
MULT.	0.1	0.1	0.01	0.01	0,1	0,1	0.1	0.1	0.01	0-1
PFE	1.2	0,3	4.8	6.0	0.6	1.6	0.3	4.5	1:6	2.3
		598°						0.886		
		·	10 C		and the second	1.1.1.1.	1.1.1.1.1.1.	16.7		
		1			100	1. 1. A		20.8		
		in de State de la composition				1.	1.1.1.1.19	22.5		
Com	5	6	7	6	4	5	6	-7	4	See
-Jack	11	12	13	14	15	16	17	18	19	20
1	3	4	5	6	3	4	5	6	9	5
PFE Avg. AC	0 7/	1/1	1 200	0 1 2 2	104	1.01	1.40	1.07	0.077	110
	2.36	1.6	0.898	0.673	1.94	1.91	1,49	1.05	0.973	1.12
DRIFT	1		-		111	-		-	1222	
S.P.	in the second	-	1		+1.6				+22.2	
AC NOISE POT RES.			1		4 K	1.			3K	

	HEINRI	CHS GEOEXPL		RECEIVER CO. PRO		GLOVE HALF_	\$\$F	5 <i>96</i>	PA G 44
SEND	3.4	CA	(p) = 1						
RECEIVE	70.80	3-4			Sec. 1				
MULT.	0.01	10			國家自己	10月1日1月10日			
PFE	1.6	F0.		-					
			1			+	+		
			1	+		+			
				-			1	+	
Can	6	2	1				1		
17	21			-			1		
h	6			-			-		
PFE Avg.									
AC	0,930	196.		-					
DRIFT	-	-	Contraction of the second seco						1
S.P.		1.0	Marco and American						
AC NOI,SE		0.1							
POT RES.			le la						

	HEINR	ICHS GE	DEXPLORA	TION CO.	PRO	JECT_	Glove			PAGE
	1. 1		DER NO		LINI	= 3	HALF_S	W_SP.		TE3/1/12
SEND	3-4	4-5	5-4	4-5	5-6	5-6	CAL	2-3	3-4	4-5
RECEIVE	1-2		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2-3	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	3-4	3-4	30-40	SW	>
RANGE	200×30	233,3×30	200×30	233.3×30	200×30	200130	200×10	166.6130	And the second se	233.3× 30
VOLTAGE	440	440	420	440	410	410	140	470	440	440
CURRENT	6.0	7.0	6.0	7.0	6.0	6.0	2.0	5.0	6.0	7.0
SEND	5-6	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5
RECEIVE	30-40	40-50	5W			>	50-60	SW -		>
RANGE	200×30	133.3x30	166.6×30	200×30	233,3×30	200×30	133.3×30	1	200×30	and the second se
VOLTAGE	410	430	470	440	440	410	430	470	440	440
CURRENT	6.0	4.0	5.0	6.0	7.0	6.0	4.0	5.0	6.0	7.0
FREQUEN		0.1		COMMEN	NTS:					
SENDER	and the second second	145								0.000
OPERATO		ado Bol	2							
RECEIVE		8691-K								
OPERATO	R FREE	MAN W	. . .						1913 1911 - 1913 - 1914 1911 - 1914 - 1914	

	HEINR	ICHS GEO	DEXPLORA	TION CO.	PRO	JECT_	HALF S			РАGE 2 ТЕ <u>3,1472</u>		
SEND	5-6	1-2	2-3	3-4	4 -5	1-2	2-3	3-4				
RECEIVE	50-60	60-70	5w		~ >	70-80	SW	~>				
RANGE	200×30	133.3 × 30	1666430	200 ×30	233.3×.30	133.3×30	166.6x30	200×30				
VOLTAGE	410	430	470	430	440	430	470	430				
CURRENT	6.0	4:0	5.0	10.0	7.0	4.0	5.0	6.0				
SEND									2			
RECEIVE												
RANGE			-	ļ						<u>P</u>		
VOLTAGE		1.1.1					-	States in				
CURRENT									200			
FREQUEN SENDER		0.1	-	COMMENTS :								
OPERATO		3400 3691+R	2					1		F		
OPERATO	DR FREE	EMANI	N.J.							_//		

G. Pipeline - (WATER) I.P. RECEIVER NOTES @ 100' South of electrose #4 HEINRICHS GEDEXPLORATION CO. PROJECT GLOVE 690 LINE_3 BEARING 53500 HALF 5 SP. 1 DA										PAGE /
SEND	3-4	4.5	5-6	4-5	5-6	5-6	ICAL	S.P.	S.P.	5.P.
RECEIVE	1-2			2-3	-7	3-4	3-4	The second se	10-20,	20-305
MULT.	1.0	0.1	0.1	1.0	0.1	11.0	10			
PFE	0.8	2,9	1.8	2.5	1.7	2.8	-0,1			
I	6	7	6	7	6	6	2		and the second	
n	1	2-	3	1 1	Im.	1.1.		6		
Ky .	3	12	30	3	12	3	1.	1	P. C. C. C.	
Chil	1.022	3.0	19	2.6	in the second		1.020	h 1	- e -	
PEE	0.9	8.5	9.6	6.6	1.8	2.9		ANAM		
MCF	IT	354	198	1712	122	237		110		
mur	63	32 7	1.18	170	1.26	- 23/		V	N.N	
PFE Avg.			A.L. A.C. C.L.	THE STREET		ALC: NO.	Carlo Carlo Santo	AT MERCE	Actes	Ten Perila
AC	27.0	4.70	1.85	34.0	6,56	23,3	196.		er Stranger	19-4 J
DRIFT	-	-	-		-	11-2-	-		1.1	
S.P.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1. 1. 1. 1. 1.	and the second				1. 200	+21.8	-6,2	+35.6
AC NOISE	2 N	. Salara	1. 1. 1. 1. 1.			and the second	1.12	The state		P. L. F.
POT RES.	and the	La the star	Sant's	and stand	Contractor 1	A State	6	9K	10 K	8K

	JCSON, AR HONE 623-		(85703)					-									
			SPREAD 1	SW 1/2	3/1/72				10/	00 FEET=	DIPOLE	LENG	TH				
CA	AL GROUP	NU. 1															
	CAL CUR					C FREQ	DC FREQ	PFE CAL									
	2.000		10 196.		*******	1.00	.10	1000	1.0204	+		FIELD					
	,			COMPUTED	DATA				ł			FIELU	UA 1 A			-	
20		N		255	HOE	CODEE	COMOE	0.055		PFE	CUR	DT.	М	AC1	AC2		
PU	DINT NO.	N	RHÔ	PFE	MCF	CCPFE	CCMCF	CPFE		PFE	UUK	P1.	IN	ACT	AUZ	*	
	1		22.55	• 90	39.9				**	•80	5.00		1	36.500			
	2		11.87 9.63	.30 3.40	25.3 353.0				**	.20 3.30	6.00			2.130			
	4		12.36	3.50	283.2				**	3.40	6.00		4	1.170			
	5	1	6.91	• 40	57.9	26	-37.4	.66	**	.30	4.00		1	8.990			
	б	2	8.89	1.40	157.5			1.61	**	1.30	5.00		2	3.580			
	7		9.25	.70		-2.66		3.36 6.45	**	.60 3.90	6.00		3	1.800			
	8 9	4 5	8.70 11.86	4.00 3.30		-3.68			**	3.20	6.00		5	. 643			
	10	2	9.29	1.20	129.1	32	-34.8	1.52	* *	1.10	4.00	10	2	3.000	0.00		
	11	3	14.64	1.30	88.8	57	-39.2	1.87	**	1.20	5.00	11	3	2.360	0.00		
	12		16.49	.40	24.3 339.8	-2.51			**	•30 4•80	6.00	12	4 5	1.610	0.00		
	13 14	5	14.42 20.40	4.90 6.10	299.0				**	6.00		14			0.00		
	15	3	14.95	.70	46.8	-1.12			**	.60		15	3	1.940			
	16	4	23.79	1.70		12			**	1.60	5.00		4	1.910			
	17	5	26.71 26.38	•40 4.60	15.0	-2.14			**	.30 4.50		17	5	1.490			
	10	U	20:00	7800	11.110								-				
8	19	4	15.15	1.70		-1.54			**	1.60		19			0.00		
	20		24.58	2.40		42			**	2.30		20		1.120	0.00		
	21	6	27.02	1.70	0203	-2002	-1700	3012		1.00	0.00	61	0		0000		
• 24																	
			۴														

Job 690, LINE 3, Sprend 1, NE 12, 2/29/72 1000.

	HEINR	ICHS GE	0 E X P L O.R	I.P. RE	CEIVER 0. PRO V35 E		GLOVE HALF_		.90 DA	PAGE TE <u>2-29-</u>
SEND RECEIVE MULT. PFE	3-4 1-2 1.0 0.7	4-5 0.1 3.1	5-6 -7 0.1 2,1	4.5 2-3 1.0 2.8	5-6 	5-6 3-4 1.0 2.8	(CAU) 3-4 10 (0:0)	S.P.	5. P. 10-20 N	
Con # N	4	422	533	4	52	561	2			
PFE AVG. AC DRIFT S.P. AC NOISE	18,4	3.94	1.56	235	5.50	19.4	193. 1.0 0.1	+ 51,4	-19,9	

A The		ezin		I.P. RE			C			PAGE
	HEINR L	INE 3	OEXPLOR B	EARING	PRO N 3 SE	JECT _		69 ~_SP.	DA	TE 2.29.
SEND	4-5	3-4	2-3	1-2	5-6	4.5	3-4	2-3	1-2	5-6
RECEIVE	20-302				30-40				->	40-50
MULT.	1.0	0.1	0.1	0.01	1.0	0.1	0.1	0.01	0.01	0.1
PFE	0.3	2,9	1.9	- 0.0	0.4	0.6	3,1	2.1	70.00.0	0.8
1.			a faith	700	1.0			March March	DOTSY	
	-	the second second		NOTSY	<u>6.1.155</u>	St. Carlo				1. 1. 1. 1.
Pris	A	4	3	2	1	2	4	2	2	1
- Carr	3	4	9	10	11	17	13	IA	10	16
m	1	2	3	4	1	2	3	4	5	2
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	10 °	(1		No in			1.1.1.1	S. Mark	- A.
DEE AVA		And State	e al	O A B. Ave		1.1216				
PFE Avg. AC	16,1	3.61	1.42	0.500	12.9	271	1.42	0.676	APPRox.	5.80
DRIFT	1011	2.01	1,46	0,500	1617	2.76	1:46	0.010	0.294	3.80
	+7,3		-	10 10 10 10 10 10 10 10 10 10 10 10 10 1	150,8	and the second s				-77
AC NOISE				1201 31	10010				2011 - 100 - 100 2011 - 100	1.1
POT RES.		100 100 100 100 100 100 100 100 100 100	1	and the second second	3K	and the second second	1997 - 19	1. 1. 1. 1. 1.	No. of the second	34

				I.P. RE			~			PAGE
	HEINF	INE 3	OEXPLOR B	ATION C	D. PRO	JECT _	HALF_	69 N_SP.	DA	TEZ-29-7
SEND	4-5	3-4	2-3	1-2	5-6	4.5	3-4	2-3	5-6	4.5
RECEIVE	40-50		an and the second s	-9	50-60	-		>	60-)0	
MULT.	0.1	0,1	6.01	0.01	0.1	0,1	0.01	0.01		
PFE	0.8	2.7	4.2	0.900	0.7	0.6	0,0	-8.0		
	1. 1.	16-4-0		NOTSY	5	1.	Vering	100	der an	
1.1.1.1		1. S. 1.				METSY	Morog	NOISY		
		4	2	2			1	1		
- Faan	3	4	3	5	5	3	4	24		
17	17	18	19	20	21	22	2.2	E m		41
17	3	4	5	la	3	4.	1	6		
	1									100
FE Avg.		a fine and the								
C	1.81		0,536	0,229	4.38	2,25	0.879	0.669		A State
DRIFT		-		-	1 1 10	Ribe-	-	-72.5	· · · · · · · · ·	11 Maria
.P.			N.		130.1					Y Shares
C NOISE					24	-		-		
OT RES.					3K		1	1		1

							1		Caref of b	
	HEINR				PRO	JECT_	HALFN	E CD	/ DA	PAGE 4
	<u> </u>	P. SEN	DER NO	JIE9			HALF	<u> </u>		and the second second second
SEND	3-4	4-5	5-6	4-5	5-6	5-6	CAL	4-5	3-4	2-3
RECEIVE	1-2		~~~~>	2-3	\rightarrow	3-4	3-4	20-30	NE-	~~>
RANGE	30×1333	30×133.3	30×166.6	133.3430	161.6×30	1666430	200410	30× 133 3	3011333	30×100
VOLTAGE	510	490	460	490	460	460	250	360	490	440
CURRENT	4.0	4.0	5.0	4.0	5.0	5.0	2.0	4.0	4.0	3.0
SEND	1-2	5-6	4-5	3-4	2-3	1-2	5-6	4-5	3-4	2-3
RECEIVE	20-30	30-40 N	É			~ >	40-50	NE		\rightarrow
RANGE	105430	133.3430	100430	1333/30	100×30	100430	1333130	100×30	133,3×30	100×30
VOLTAGE	440	360	260	480	440	440	360	260	480	430
CURRENT	3.0	4.0	3.0	4.0	3.0	3.0	4.0	3.0	4.0	3.0
FREQUEN	CIES	0.1		COMMEN	ITS :					
SENDER	NO. 66	445	\$							Sec. 19
OPERATO	R DE 181	Ado	•							
RECEIVE	R NO. 14	14105	- 0 D							
OPERATO	R FREE I	MAN B	ill,	· ·						

		ichs geo P. SEN		TION CO.	PRO		HOVE HALF_	VE_SP.	DA	РА GE 5 ТЕ2/ <u>89/12</u>
SEND	1-2	5-6	4-5	3-4	2-3	5-6	4-5	3-4		
RECEIVE	40-50	50-60	NE-		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	60-70	NE	>		
RANGE	100130	11de.6x30	166.6730	133.3430	133,3430		1.1			
VOLTAGE	430	460	440	460	590					
CURRENT	3.0	5.0	5.0	4.0	4.0	a second second second second				
SEND									1	
RECEIVE								1		
RANGE	1. 1. 1. ^{1.} 1.							1		
VOLTAGE										
CURRENT								1		
FREQUEN	and the same result of the same of	0.1		COMMEN	ITS :				id" v	
OPERATO	R DELC	ADO	-						1.	
RECEIVE	and the second se	692R-	DO							
OPERATO	OR FREE	MAN						1	Sec. San	1. 2a

THE PART OF STREET

B 690 LINE 3 SPREAD 1 NE 1/2 2/29/72 L GROUP NO, 1 CAL CUR PFE AC1 AC2 AC FREQ DC FREQ PFE CAL RHO CAL	
CAL CUR PEE ACT AC EREO DO EREO DE EREO DE EREO DAL	
CAL CUR PEE ACT ACE PEO DO EPEO DE EPEO DE CAL	
CAL CUR PFE AC1 AC2 AC FREQ DC FREQ PFE CAL RHO CAL 2.000 0.00 193.000 0.00 1.00 .10 0.0000 1.0363	
COMPUTED DATA	
器器 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
INT NO. N RHO PFE MCF CCPFE CCMCF CPFE PFE CUR PT. N ACI AC2	
1 1 14.40 .70 48.6 .46 31.8 .24 ** .70 4.00 1 1 18.400 0.00	
2 2 12.63 3.10 245.5 2.08 164.8 1.02 ** 3.10 4.00 2 2 3.940 0.00	
3 3 9,90 2,10 212,1 -,99 -99,6 3,09 ** 2,10 5,00 3 3 1,560 0,00	
4 1 18.78 2.80 149.1 2.63 140.2 .17 ** 2.80 4.00 4 1 23.500 0.00	
5 2 13.90 1.60 115.1 .70 50.6 .90 ** 1.60 5.00 5 2 5.500 0.00	
6 1 12.40 2.80 225.8 2.50 201.8 .30 ** 2.80 5.00 6 1 19.400 0.00	
7 1 12.55 .30 23.9 .01 .6 .29 ** .30 4.00 7 1 16.100 0.00	
8 2 11.55 2.90 251.1 1.75 151.8 1.15 ** 2.90 4.00 8 2 3.610 0.00	
9 3 14.99 1.90 126.7 .08 5.6 1.82 ** 1.90 3.00 9 3 1.420 0.00	
10 4 10.36 0.00 0.0 -5.20 -502.1 5.20 ** 0.00 3.00 10 4 .5n0 0.00	
11 1 10.07 .40 39.7 .00 .4 .40 ** .40 4.00 11 1 12.900 0.00	
12 2 11.51 .60 52.155 -47.9 1.15 ** .60 3.00 12 2 2.760 0.00	
13 3 11.38 3.10 272.4 .51 45.0 2.59 ** 3.10 4.00 13 3 1.420 0.00 14 4 14.30 2.10 146.8 -1.38 -96.7 3.48 ** 2.10 3.00 14 4 .675 0.00	
14 4 14.30 2.10 146.8 -1.38 -96.7 3.48 ** 2.10 3.00 14 4 .676 0.00 15 5 10.66 0.00 0.0 -7.94 -744.4 7.94 ** 0.00 3.00 15 5 .294 0.00	
16 2 18.18 .80 44.0 .17 9.6 .63 ** .80 4.00 16 2 5.800 0.00	
17 3 18.91 .80 42.354 -28.7 1.34 ** .80 3.00 17 3 1.810 0.00	
18 4 16.92 2.70 159.612 -6.9 2.82 ** 2.70 4.00 18 4 1.060 0.00	
19 5 20.26 4.20 207.3 .60 29.7 3.60 ** 4.20 3.00 19 5 .536 0.00	
20 6 13.00 0.00 0.0 =9.13 =702.6 9.13 ** 0.00 3.00 20 6 .224 0.00	
21 3 27.42 .70 25.5 -12 -4.4 .82 ** .70 5.00 21 3 4.300 0.00	
22 4 28.15 .60 21.3 86 30.6 1.46 ** .60 5.00 22 4 2.250 0.00 23 5 23.91 0.00 0.0 -2.92 -122.1 2.92 ** 0.00 4.00 23 5 .879 0.00	
24 6 29.12 0.00 0.0 =3.38 =116.2 3.38 ** 0.00 4.00 24 6 .669 0.00	

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Job & 90, Line 2, Sprend 1, NE+ SWE, 2/24/72 1000.

		0	0	Center :	= clec. #	5		0	0	PAGE
	HEINR	ECEIVER	OEXPLOR NOTES	ATION C	. PRO LINE	JECT G	LOVE HALF_	CONTRACTOR OF THE OWNER WITH THE OWNER OF THE OWNER OWNER OF THE OWNER OWNE	90 DA	/ TE <u>2-24-7</u> 2
SEND	3-4	4-5	5-6	6-7	4.5	5-6	6-7	5-6	6-7	6-7
RECEIVE	1-2				2-3	Sugarant Colored		3-4	~>	4.5
RANGE	1.0	0.1	0.1	0.1	1.0	0.1.	0.1	1.0	0.1	1.0
DC 1	1.5	0.8	1.0	1.0	1.6	2.2	2.7	6.Z	0,0	6,3
DC 2			-	-2 + 6 + 4,				0 10 20		
DC 3										
DC 4 Cerr	3	3	7	7	5	7			7	/
DC 5#		2	3	4	3	6		8	7	10
DC 6 M	/	- Com-	3	4	/	2	5		2	/
DC 7										
DC 8 DC AVG.						<u> </u>	<u> </u>			
DC AVG. AC 1	14.6	8.49	7.61	2.91	14.8	9.03	3.02	43.1	9.63	88.8
AC 2	-	-	-	_	-	-		-	-	
AC AVG.					1	Ì				
S.P.							10			
AC NOISE										
POT RES.										

	0	0	0	an an an an an Arran		()	0		PAGE
· EA					000	IFOT	CLAUE	69	0	2
	I.P.F	RECEIVER	NOTES	ATTUN CU	LINE	2	HALF_		the second s	TE ²⁻²⁵⁻¹²
SEND	CAL	S.P.	S.P.	5-6	4-5	3-4	2-3	1-2	6-7	5-6
RECEIVE	4.5	O-ION	10-20N	20-302		-		->	30-40	->
RANGE	10			10	1.0	0.1	0.1	0.1	10	1.0
DC 1	0.0			0.7	0,5	0.4	1,9	1,5	0,8	0.7
DC 2							+ +2 3	1102		
DC 3			In Arts which is a state of the							
DC 4 Cen	2			7	4	3	6	6	/	/
DC 5	11			11	12.	13	14	15	16	17
DC 6 M					2	3	4	and a	/	2
DC 7							1	ļ		
DC 8	1						+			
DC AVG.	101			11.0	007	210	202	0 77	110	111
AC 1	194.			166.	25.7	3.10	2.23	2.37	119.	41,4
AC 2	1.21			-	-					
AC AVG.	11.01	1427	11	111 6					-9,6	
S.P.		+43.7	-7,4	+14,6			+		- 2,6	
AC NOISE	11	OK	26	3K			+		25	
POT RES.		2K	3K	JOK			1		3K	

1										
'	\bigcirc	\bigcirc	0			C		\bigcirc	\bigcirc	PAGE
					DDO.	IECT (SLOVE		690	
A A		RECEIVER	NOTES	ATTON CO		2	HALE	NESP		TE2-25-)
	1.1.1	granted when the strend with the strend with	-							
SEND	4.5	3-4	2.3	1-2	6-7	5-6	4-5	3-4	2-3	6-7
RECEIVE	30-40	Margin and Street			-40-50	and the second division of	ANY PUBLIC PROPERTY AND INCOME.	No. of the second s	and the second second	50-60
RANGE	0.1	0.1	0.1	0.1	1.0	1.0	0.1	0.01	0,01	0.1
DC 1	0.7	0.6	3,2	2.3	0.6	0.7	1.3	0,7	3.6	1.0
DC 2	,				14. 14.					
DC 3 3			1.05							
DGen 1	4	4	5.96	6	7	7	4	4	6	7
D G#5 0.3	18	19	8.020	21	22	23	24	25	26	27
DC/16 0/1	3	A	8.85	6	Zan	3	A.	5	6	3
DC 7										
DC 8										
DC AVG.										
AC 1	9.41	1.93	1.11	1.31	20.8	10.9	3.17	0.766	0,501	6.60
AC 2	-	-	_	-	-	_		-	-	"Marianan
AC AVG.										
S.P.					148.7		/			+3.0
AC NOISE										
POT RES.					8 K					3K

	HEINF	ICHS GE		I.P. RE		GLOVE HALF_	NG SP	90	PAGE 7 TE 2-25
SEND	5-6	4.5	3-4			T	Ι		I
RECEIVE	50-60		Construmenter						-
MULT. PFE	1.0	0.1	-0,0	•					
Cur.	7	4	4		 				
H.	28	29	30						
PFE Avg.									
AC	4.81	1.86	0.560		 				
DRIFT	-	_	-		 				
S.P. AC NOISE						1			
POT RES.	the second s					+			

					ECEIVER					PAGE 5
	HEIN	RICHS GE LINE 2	OEXPLOR B	EARING	0. PRO 535°ω	JECT _	HALF_	SW SP.	690 DA	TE ^{2-28*}
SEND	14	S.P.	S.P.	S.R	S.P.	2-3	3-4	.4-5	5-6	6-7
RECEIVE		0-105	10-203	20-305	30-900	40.501	Name and Address of State of S	a tarihi da matani an angan matan	lawy-management in Armania	and an and a second
MULT.						1,0	0,1	0.1	0.1	0.1
PFE			de la como			0.7	2.9	2.3	2.4	2.0
			-	1	267	1.5.0	100	-		
Can	74		1	1	12.	6	4	4	7	7
the .			1999 - 1999 -	1.	Const.	31	32	33	34	35
n							2	3	A	5
FE Avg.						31.1	5.72	5,23	4.22	1.78
AC	4 ²)	2	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	4		-	-	1		-
DRIFT		1	1	1.0	1.77	14.2		1.		
S.P.		1027	-1-5,5	+19,0	+7,7	+10,0			<u>.</u>	
C NOISE		+9.2	FF	151	61	64				
POT RES.	2	3K	5K	18k	8K	5K		76 1		THE LOOK

	<u>Helion I (Billion</u> 1997 - Million 1997 - Stationard Stationard	<u>te in dianan</u> Ang		I.P. RE	CEIVER	NOTES	20 20 20 20 20 20 20 20 20 20 20 20 20 2			PAGE
	HEINE			ATLON C		IECT	GUDIE	a land a	690	6
A VI		INE 2	B	ATION C	535°W		HALF_	S_SP.	DA	TE 2-25
SEND	1-2	2.3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5
RECEIVE	50-60			1916 - 1916 1916 - 1916	Provide the sector of the sector of the	-7	60-70	-		
MULT.	1.0	0.1	0,1	0.1	01	0.01	0.1	0,1	0.01	0.01
PFE	1.9	-102.915	-690918	-20 Cha \$145	0.0	-010	0.6	0.2	3.2	2,6
1981	1.17.19	~2.0(1)	+1,80)	F-7-	-thursda	and the second second			Sec. 2.	4 million and the
	1 m	Very	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. 1. 1. 1. 1.	and the second			Ser and	Noisy	Nors
	12.00	Notsy		a strange	100	1. 1. 1. 1. S.	Sec. Part	1.2.2.2.4	Call They	Sec. 1
- Aller				1	Norsy	the April 1		r de la grege		
any	6	4	3	3	6	5	6	5	3	3
T.	36	31	38	59	40	41	42	43	44	45
111	1	6	3	4	5	6	al 6-3	5	4-	. 5
FE Avg.			A STREET		the set of the	Constant Street				and the second
C	32.2	3.71	1.33	1.53	1.57	0,568	7.77	1.85	0.586	6.798
DRIFT	- 21	811 7 11		-			-		-	
S.P.	+20,4-	7+10.9	+16			and the second	+ 3,4		an set an	ad a second
C NOISE	Carro C. M.	3 13	t 15	1		2.10. 37.5			States and	and the second
OT RES.	18K	8K	1. Carlos	1792 34			7K		1.	the second

AAR	1. Poor	COMM.	10		CEIVER NOT		1.9	PAGE
	HEINR	INE 2	OEXPLOR B	ATION C EARING	0. PROJEC <u>535</u> ω	HALF_	<u>S</u> SP/	
SEND	5-6	1-2	2-3	3.4	4-5			
RECEIVE	60-70	70-80			~	AF STATE		A Section
MULT.	0,01	0.1	0.01	0.01	0.01			
PFE	1.2	0.6	1.2	-2 + 30	0,0	State of the second		
	ri,		1.1	700	1	1.08		
1				Norsy	1. A.		1	
	0	1	1	Sec. 15	S. Margaria M.	and a set of the		1
an.	6	6	5	3	3		1	
#	46	47	48	49	50	10.5		
n	6	3	4	5	6			
					1975 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -			
FE Avg.				Full and the second				
AC	0,883	3.41	0,932	0,376	0.5/2		1	1
DRIFT		-	-	-	-	6		
S.P.		+1.7		17 - T. 2819		and a start		
AC NOISE		1. 1998			Sec. 19. 575		1	
POT RES.		3K	1.0	S		1		1 1 1 1 1 1 1

.5

1					学派。						
		HEINR			TION CO.	PRC	JECT	Love	6	Contraction of the second	PAGE /
		I. F	P. SEN	DER NO	DTES	LINI	- 2	HALF_	SP		TE ^{2-2×-12}
ľ	SEND	3-4	4-5	5-6	6-7	4-5	5-6	6-7	5-6	6-7	6-7
	RECEIVE	1-2			->	2-3		->	3-4	-7	X-5
	RANGE	30×100	30x100	30X2333	30x233 3	30×100	3012233	30×233.3	301233.3	30x2333	30x233.3
	VOLTAGE	480	420	300	390	420	300	390	300	390	390
	CURRENT	3.0	3.0	7.0	7.0	3,0	7.0	7.0	7.0	7.0	7.0
	SEND	CAL	5-6	4.5	3.4	2-3	1-2	6-7	5-6	4.5	3-4
	RECEIVE	4.5	20-30N				>	30-401			2
	RANGE	10×200	30 x233.3	30×133.3	30×100	30 ×200	30×200	30 × 233,3	30 x 2333	30×133.3	30×133.3
	VOLTAGE	280	310	580	480	460	430	390	310	5.80	640
	CURRENT	2.0	7.0	4.0	3.0	6.0	6.0	7.0	7.0	4.0	4.0
	FREQUEN	No. of Concession, Name of Street, or other	0.1		COMMEN	ITS:					
	SENDER	1		Delgado							
	OPERATO		9692-R	0-0							
	RECEIVE		FREEM	AN							1.3.1
1	OPERATO	R			nel i				and the second		the second of

	HEINR	ICHS GEO	EXPLORA	TION CO.	PRC		3 OVE	15 00	· (PAGE
SEND	1. 1	P. SEN	6-7	5-6	LIN1 4-5	3-4	HALF_A	6-7	5-6	TE <u>2/25/1</u> 4/-5
RECEIVE	30-40 N	$\varepsilon \longrightarrow$	40-501	VE			~~~>	50-601	VE-	~~>
RANGE	301200	30×200	3012333	30×233.3	30×1333	30 133.3	301200	30/2332	3012333	30×1333
VOLTAGE	460	430	390	310	570	640	460	390	310	570
CURRENT	(0.D.	6.0	7.0	7.0	4.0	4.0	6.0	7.0	7.0	4.0
SEND	3-4	2-3	3-4	4-5	5-6			1. 1. 19 19	and and Calculation	199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199 - 199
RECEIVE	30×60N	40-50-	Star-				and the second second		127.	
RANGE	30×133.3	301200								
VOLTAGE	640	460	and a second s	41. C. 2580						
CURRENT	4.0	tort					The second	12.10.83	1. S.	
FREQUEN SENDER OPERATO RECEIVE OPERATO	NO. 664 R DELC R NO. 19	45 3ADO 1692-R MAN U	DD J.J.	COMME	NTS:					

	HEINR		DEXPLORA		PRO	and the second	GlAVE. HALFS		90 DA	PAGE 3 7 2/28/7 T E2/25/7
SEND	2-3	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6
RECEIVE	40-50	5w			>	50-60	SW -			>
RANGE	20×200	30×133.3	301183.3	3012333	30×2333	301200	3041338	30 ×100	30/100	30 4200
VOLTAGE	460	620	540	310	390	420	300	460	400	370
CURRENT	6.0	4.0	40	7.0	7.0	6.0	4.0	3.0	3.0	6.0
SEND	6-7	1-2	2-3	3.4	4-5	5-6	1-2	2-3	3-9	4-5
RECEIVE	50-60	60-70 "	Sw -			\rightarrow	70-80 5	w		~>
RANGE	30×1662	30,200	307466.50	302100	304100	30/200	301200	30×1666	30400	30×100
VOLTAGE	390	420	380	460	900	370	420	380	460	400
CURRENT	50	6.0	5.0	30	3.0	6.0	6.0	5.0	3.0	3.0
FREQUEN SENDER I OPERATO RECEIVE OPERATO	R NO.	0.1 18A00 6445 9622-6	R D D W.J	COMMEN	ITS :					

PC	ST OFFICE JCSON, ARI IONE 623=0	BOX ZONA	LORATION C 5964 (85703)					4	1							
Jo	0B 690 LI	NE 2	SPREAD 1	NE + SW	1/1 2/24	/72	a baaaaaa aha ay ga kana kana amba		100	O FEET=	DIPOLE	LENG	тн			
CA	L GROUP NO	0• 1														
-	CAL CUR 2.000		PFE 0.00 194.	AC1 000		C FREQ 1.00	DC-FREQ .10	PFE CAL 0.0000	RHO CA 1.0309							
	g 680 aug aga 600 680 aug 600 ₆₆₀ ani 1	-10 102 410 Am ad	1 900 con 600 100 ttt 210 500 con con sta	COMPUTE	DATA	10m ann ann aige ann ann ann a	0 100 120 100 100 100 100 100 400 100 100					IELD	DATA			
0.0		2. 4								¥						
PC)INT NO.	Ν	RHO	PFE	MCF	CCPFE	CCMCF	CPFE,		PFE	CUR	PT.	Ν	AC1	AC2	
	1	1	15.28	1.50		100 Mill 200	83.6	. 22	**	1.50	3.00	1	1	14.600		
	3	3	33,96	1.00			15.5 11.3	.25	**	.80	3.00	2	2		0.00	
	4	4	25.97	1.00			-24.0		**		7.00		4		0.00	
	5	1	15,50	1.60			89.1		**	1.60	3.00	5	1	14.800	0.00	
	67	2	16.31	2.20			90.5	.72	**	2.20	7.00	6	2	9.030	0.00	
	/	3	13.70	2.70	197.0	.66	48.2	2.04	**	2.70	7.00	7	3	3.050	0.00	
	8	1 2	19.08	.20			1.9	.16	**	.20	7.00	8	1	43.100		
	7	6	I' OC	0.00	0.0	-,68	-40.2	.68	**	0.00	7.00	9	2	9.630	0.00	
	10	1	39,35	.30	7.6	.30	7.6	ō.öo	**	.30	7.00	10	ĩ	88,810	0.00	
	11	1	73.86	.70			9.5	0.00	**	.70	7.00	11	1	166.000	0.00	
	12	2 3	79.88	.50		· · · · · · · · · · · · · · · · · · ·	5.3	.08	**	.50	4.00		2	25.700	0.00	
	13	4	32,09 23,43	.40 1.90			-8.2	.66	44 44 44 44	1.90	3.00		3		0.00	
	15	5	43.40	1.50			3.4	1.35	**	1.50	6.00		5		0.00	
	16	1	53.00	.80			15.1	0.00	**	.80	7.00	16	1	119.000	0.00	
	17	23	73.68 73.27	.70			8.3	.09	4 4 4	.70	7.00	17	2	41.400		
	19	4	30.02	.60			-24.8	.21	**	.70	4.00	18 19	3		0.00	
	20	5	20.67	3.20	154.8	31	-15.0	3.51	* *	3.20	6.00	20	5		0.00	
	21	6	38.68	2.30	59.5	06	-1.5	2,36	**	2.30	6.00	21	6		0.00	
	22 23	2 3	36.98	•60 •70			9.8	• 24	**	.60	7.00	22	2	20.800		
	24	4	49.66	1.30			12.3	.38	华华	.70	7.00	23	3	10.900	0.00	
	25	5	20.87	.70	33.5	-2.77	-132.5	3.47	** **	.70	4.00	25	5	.766	0.00	
	26	6	14.98	3,60	240.3	-4.09	-273,2	7.69	静静	3.60	6.00	26	6	•5ñ1	0.00	
	27	3	29.45	1.00	34.0	.25	8.6	. 75	**	1.00	7.00	27	3	6.600	0.00	
	28	4	42.93	1.00	23.3	.16	3.8	.84	* *	1.00	7.00		4		0.00	
	29 30	5	50.89 24.25	1.10 0.00			-175.5	1.10	**	1.10	4.00	29	5		0.00	

0	31	1	16.14	.70	43.4	• 49	30.6	.21	**	• 70	6.00		1	31.100			0
0	32 33 34	2 3 4	18.20 41.37 38.19	2.90 2.30 2.40	159.3 55.6 62.9	2.28 1.83 1.42	125.0 44.2 37.2	.62 .47 .98	** **	2.90 2.30 2.40	4.00 4.00 7.00	33	2 3 4	5.720 5.230 4.220	0.00		0
0	35	5	28.08	2.00	71.2	-,38	-13 ,5	2.38	**	2.00	7.00		5	1.790			0
0	36 37 38	1 2 3	16.91 11.70	1.90	112.3	1.71	100.9 74.6	.19 1.13	**	1.90	6.00 4.00	37	1 2	32.200 3.710	0.00		0
0	39 40	4 5	13,71 31,55 28,32	0.00	0 • 0 0 • 0 0 • 0	-2.04 -1.26 -2.35	-148.7 -39.9 -83.1	2.04	**		3.00 3.00 6.00	39	345	1.330 1.530 1.570	0.00		0
0	41	6	19.68	0.00	0 • 0	-5.51	-280.3	5.51	**	0.00	5.00	41	6	• 568			0
	42 43 44	2 3 4	16.12 11.47 12.47	.60 .20 3.20	37.2 17.4 256.6	=.14 =2.36 =.94	-8.4 -206.1 -75.1	.74 2.56 4.14	** **	06. 20	6.00	43	2	7.770	0.00		
0	45 46	5	29.54	2.60	88.0 46.5	.37 -2.74	12.6	2.23	**	3.20 2.60 1.20	3.00 3.00 6.00	45	4 5 6	•586 •798 •883	0.00		0
•	47	3	17.68	.60	33.9	87	-49.0	1.47	**	.60	6.00	47	3	3.410	0.00		0
0	48 49 50	4 5 6	11.67 13.57 29.56	1.20 0.00	102.8	-5,92	-282.2 -436.3 -112.3	4.49 5.92 3.32	** ** **		5.00 3.00 3.00	48 49	4 5 6	• 932 • 376 • 512	0.00		
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		HEINR	RICHS GE	OEXPLOR	ATION C	o. PRC	JECT 🧕	LOVE	69		
			RECEIVER	NUTES		LIN	E	HALF_	SP.	DA	TE ²⁻²²⁻⁷²
	SEND	3-4	4.5	5.6	4-5	5-6	5-6	S.P.	S.P.		(CAL)
L	RECEIVE	1-2	Encourse management	7	2-3	\rightarrow	3-4	0-10N	10-20 N		3.4
L	RANGE	1.0	0,1	0.1	1.0	1.0	10				10
	DC 1	0.7	0,8	0.8	0.7	0.6	0.5				0.0
	DC 2										
	DC 3										
+	DC 4Cen	6	5.	4	6	4	4				21
+	DC 5 M	/	2	3	4	5	6				
	DC 6 M	1	2	3	1	2	/				
-	DC 7										
- 1-	DC 8										
	DC AVG.	010	710		100	1.41.5					
F	AC 1	21.9	7.68	3,33	45.3	14.7	68.7				194.
\vdash	AC 2				-	-	1-				-
┢	AC AVG.							1			1.2
	S.P.							-/7.7	-1.0		0.1
- R	AC NOISE						-				\smile
L	POT RES.						1. The second se	30 K	4K		

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		\bigcirc	\bigcirc					0	0	PAGE 2
	HEINR	ECEIVER	NOTES	ATION C	0. PRO		HALF_	690 <u>N</u> SP		TE ^{2.22.72}
SEND	4.5	3-4	2-3	1-2	5-6	4.5	3.4	2-3	1.2	5.6
RECEIVE	20-30N			\rightarrow	30-40	N -			->	40-50N
RANGE	10	1,0	6,1	0.1	1.0	1.0	0.1	0.1	0.1	1.0
DC 1	0.5	0,5	1.2	1.3	0.4	0.6	0.7	1.1	1.1	0.6
DC 2							/			
DC 3										
DC 4an	5	6	5	6	4	5	Sam	5	6	4
DC 5	2	8	9	10	11	12	13	14	15	16
DC 6 M	/	2	3	4	1	2	3	4	-	2
DC 7										
DC 8										
DC. AVG.	11.0	20 1	7 7 4	0.44	21.0					23.7
AC 1	11 5.	32.1	7.39	2,44	86.8	25.8	9.93	3,28	1.24	27.7
AC 2	<u> </u>						-	-		27.3=
AC AVG.	+ 5.9				1 1 7					28,1
S.P.					+1.2					-6.5
AC NOISE										
POT RES.	3K				4K		L			3K

	-		1-0 -							
	GE	€47A CA7A	45° O	DRIFT	IS V	ERY (\bigcirc	\bigcirc	PAGE
	HEINE	LCHS CE		ATLAN C	DDO	IECT (TIDHE	6	90	
	IPR	RECEIVER	NOTES	ATTUN			LAIE	AL CD	/ DA	TE 2. 22 7.
			NUILS					<u>~_</u> 5P.	DA	TE ^{2.22.72}
SEND	4-5	3.4	2-3	1-2	5-6	4-5	3-4	2-3	5-6	4-5
RECEIVE	40-50			~	50-60			->	60-70	N-2
RANGE	1.0	0.1	0.1	0.1	1.0	1.0	0.1	0.1	O.I	0.1
DC 1	1.0	1.2	1.3	0:0	1.0	11	1.2	1.3	1.4	1.5
DC 2								1	/	,
DC 3		1.2		DRIFT			1	1		
DC 4 Jere	5	5	5	156	4	- Andrew	5	5	4	3
DC 5	17	18	19,	70020	21	2.2	23	24	25	26
DC 6 //	3	DRIAF	5	BAD6	3	4	5	6	dif	5
DC 7		15		TB						
DC 8		Very !		Read				1		
DC AVG.	18.	BAO	and the second s					1		
AC 1	15.6	5.69	2.15	1.15	23.8	17.7	9,24	3.48	9,92	7.97
AC 2		and the second second	i.t.	Augustus -	-	-		-	~	_
AC AVG.	Ber	(m + 3 1								
S.P.	-	Destanab/	e/ -		+11.4				-0,1	
AC NOISE		DATA								
POT RES.					3K			-	20 K	

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		HEINR	ICHS GE	DEXPLOR	ATION C		OJECT	GLOVE		690		4
1	A M	I.P.R	ECEIVER	NOTES		LIN	IE	HALF	N	SP.		7. TE ^{2.27.7} 2
ł	SEND	3-4	2			T		T	T			
ł	RECEIVE	Name of Concession, name of Stationary of St										
ł	RANGE	0,1	-				1					
ľ	DC 1	1.3										
	DC 2											
	DC 3											
	DC 4 an	5										
	DC 5 1	27										
	DC 6 //	6					-					
ļ	DC 7						_					
ŀ	DC 8							_				
$\left \right $	DC AVG.	4.29										
ł	AC 1 AC 2	4.01	1									
ł	AC AVG.											
ł	S.P.						+					
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	HEINI	RICHS GE	OEXPLOR	ATION C	PRO	JECT G	LOVE	6	20	
	I.P.F	RECEIVER	NOTES		LINE		HALF			TE2-23-72
SEND	CAL	S.P.	S.P.	S.P.	2-3	3-4	4.5	5-6	1-2	2-3
RECEIVE	4-5	0-105	10-205	20-305	30 - 401	Contractory of Contra	a subscription of many section of	->>	40-505	
RANGE	10.		. K		1.0	0,1	0.1	0.1	1.0	0.1
DC 1	0.0				0.8	0.9	1.3	0.8	0.8	0.8
DC 2										
DC 3					,	- E				
DC 4 cm					6	6	5	4	6	6
DC 5 th					2.8	29	20	31	32	33
DC 6 m					1	2	3	4	1	2
DC 7					1.1					
DC 8										
DC AVG.							1			
AC 1	194.				20,1	5.84	3.37	1.69	19.9	5.41
AC 2	-				-		_	_	-	
AC AVG.	1									
S.P.		-26,9	-10,4	-7.8	+18.3				+ 8.7	
AC NOISE										
POT RES.		10 K	4 K	81	6 K				3 K	

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v		HEINR	RECEIVER	UEXPLOR	ATION C	. PRU		HALF	and the second se	90 / DA	TE2-23.72
ľ	SEND	3-4	4-5	5-6	1.2	2-3	3-4	4-5	5-6	1-2	2-3
ſ	RECEIVE	40.50	s	->	50-60					60-70	3
	RANGE	0.1	0.1	0.1	0-1	0,1	0.1	0.1	0.01	Orl	0.1
	DC 1	1.1	1:0	1.2	1.2	0,9	1.6	1.6	1.8	1.3	1.6
	DC 2									12.2	
	DC 3									1.1	
	DC 4 Cm	6	5	4	6	6	6	5	4	6	6
	DC 5	34	35	36	37	38	39	40	41	42	43
	DC 6 M	US .	4	5	2m	3	4	5	6	53	4
	DC 7										
	DC 8										
	DC AVG. AC 1	2.88	2.06	1.11	4.75	1.99	1.44	1.16	0.652	7 22	1,30
	AC 2		-	1.11	TITS	-	1.17	1.16	0.000	2133	1,00
	AC AVG.										
	S.P.				-9,4					+4.8	
	AC NOISE									· · · · ·	
	POT RES.				8K					6 K	

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		HEINE	RICHS GE		ATLAN C	DDO	IFCT	GLOVE	690	5			
-			RICHS GE RECEIVER	NOTES	ATTON C		UECI	HALES	42 00				
				NUILS				_ HALF _S	<u> </u>	DA	IE-		
	SEND	3-4	4-5	1-2	2.3	3-4							
	RECEIVE	60-70	5>	70-80 5	-			1		1			
	RANGE	0.1	0,01										
	DC 1	1.8	2.6							1			
	DC 2									1			
	DC 3												
[DC 4 Jan	6	5										
	DC 5	44	45										
	DC 6 M	5	6										
	DC 7												
	DC 8												
	DC AVG.												
	AC 1	1.17	0.997										
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	S.P.			-307									
	AC NOISE												
	POT RES.			312				1					
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1	HEINR		DER NO	TION CO.			<u>ر</u> SP	TE <u>2-22-72</u>		
SEND	3-4	4-5	5-6	4-5	5-6	5-6	CAI	4-5	3-4	2-3
RECEIVE	1-2		2	2-3	-7	3-4	3=4	20-30N	E	~~~~>
RANGE	30 x 200	307.166.6	30×133.3	304200	30 × 133.3	30×1333	10+200	30×1666	30×200	30×166.6
VOLTAGE	350	500	420	350	420	420	110	500	340	400
CURRENT	60	5,0	40	6.0	4.0	4.0	2.0	5.0	6.0	5.0
SEND	1-2	5-6	4-5	3-4	2-3	1-2	5-6	4-5	3-4	2-3
RECEIVE	20-30	30-401	VE	Constant and Color States of Color			40:-50 M	15		
RANGE	301200	30×183.3	30×166.6	308\$66.6	30×166.6	30×200	30×183.3	30×166.6	30+1666	304166.6
VOLTAGE	450	440	500	280	400	450	420	500	280	400
CURRENT	6.0	4.0	5.0	5,0	5.0	6.0	4.0	5.0	5.0	5.0
FREQUEN	CIES	0.1		COMMEN	ITS :					
SENDER	- I	544 5		5						
OPERATO	1- 101									
RECEIVE		9692 R	D-D							
OPERATO	R FR	EEMAN	6.5.							

				ATION CO. DTES	PRC	JECT_	O GA®UE HALF_J	UE SP.		PAGE 2 TE <u>2/22</u>	
SEND	1= 2	5-6	4-5	3-4	2-3	5-6	4-5	3-4			
RECEIVE	40-50	50-60	NE		>	(0-70 M	VE	~~>			
RANGE	304200	304.133,3	30×166.6	30×1666	30×166.6	30× 133 3	30×1666	3041666			
VOLTAGE	440	420	500	280	400	420	500	280			
CURRENT	6.0	4.0	5.0	5.0	5.0	4.0	5.0	5.0			
SEND											
RECEIVE											
RANGE											
VOLTAGE		2									
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RECEIVE		1692-R	0-0								
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project:	_G10V	6		Line		2p1	210	3	Date		12/12	
Send	CAL	2-3	3-4	4-5	5-6	1-2	2-3	3-4	45	5-6	トン	2-3
Receive	4-5	30-40	2SW		~~~>	40-50	sw-			>	50-60	Sw ->
Time	101200	304200	30 4200	30×166.6	30×1333	304200	30×200	30x200	30×1666	30×133.3	301200	30x200
Range	190	380	340	500	420	350	380	340	500	420	350	380
Current	2.0	6.0	6.0	5.0	4.0	6.0	6.0	6.0	5.0	4.0	6.0	6.0
Send	3-4	4-5	5-6	1-2	2-3	3-4	4-5	1-2	2-3	3-4		
Receive	50-60	$5\omega \rightarrow$	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	40-70	SW	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~>	70-80	SUD		10-805	w->
Time	304300	30×1666	30/133.3	301200	30x200	301200	307166.6	30×200	301200	30x20	30200	
Range	340	500	420	350	380	340	500	350	380	340	350	
Current	6.0	5.0	4.0	6.0	6.0	6.0	5.0	6.0	6.0	6.0	6.0	
						2.25						S - 10 - 16

JOB 690

P.O.# 13956

January 29, 1972

Mr. David Ellingwood Chief Geologist C. F. & I. Steel Corp. P. O. Box 316 Pueblo, Colo 81002

Re: Proposed I. P. Survey West of Glove Mine Santa Cruz County, Arizona

Dear Mr. Ellingwood:

1/

At the request of Mr. James Brooks on January 28, 1972, we herewith submit this proposal for an I. P. Survey west of the Glove Mine, Santa Cruz County, Arizona.

We understand that approximately five lines, each about three miles in length of dipole-dipole I. P. coverage on 1,000 foot dipole spacings are desired. This coverage would be on lines about one mile apart west of the Glove Mine to prospect along the mineralized trend as projected out onto the alluvial covered pediment.

A three man crew plus necessary equipment to obtain this I.P. coverage would be charged at \$250.00 per work day plus expenses. Expenses include \$15.00 per day plus \$0.15 per mile per vehicle and one four wheel drive vehicle should suffice. The crew can commute from Tucson so no living expenses will be involved. Other direct job related expenses will be billed at our invoice cost plus 15%.

Our normal work schedule is based on a five day week and an eight hour work day. Travel time up to one hour per day each way to and from the job site will not be charged. Overtime in excess of this schedule will be charged at \$37.50 per hour for the three man crew plus expenses as above.

Standby time due to inclement weather or client request will be charged at half the daily rate plus expenses as above.

Final data compilation, computation and drafting will be charged at \$10.00 per hour. Final interpretation and report will be charged at \$150.00 per day. Rough field plots and preliminary field interpretations will be available during the project as needed. C. F. & I. Steel Corp.

January 29, 1972

If the five lines are run, we estimate that about ten field days would be involved and the total project billing, including final report would be approximately \$3,500.00 to \$4,000.00. In any event, we would agree to confine our charges to \$4,000.00 unless you requested additional detail, coverage or effort.

GEOEX will save C. F. & I. harmless from all Workmen's Compensation liability, public liability and property damage liability incurred by GEOEX employees. All property permits, brushing and trespass liability and related costs which are incurred on behalf of C. F. & I. will be chargeable to C. F. & I. at GEOEX cost plus 15%. All special insurance premiums, permits, bonds, fees, duties, licenses, taxes, trespass permits and related special fees, if any, will be billed to C. F. & I. at GEOEX cost plus 15%.

Payments are due on presentation. Billings may be submitted weekly with final payment due on presentation of final report.

Evidence of currently valid certificates of public liability and property damage insurance and Arizona State Workman's Compensation insurance, your insurance department should have on file.

At this time we have a crew available immediately. Commonly, however, a week to ten days advance notice is required to schedule a properly staffed and equipped crew.

Your understanding and approval of the above may be indicated by signing as provided below on the attached copy of this letter and returning it to us or by submitting a purchase order.

> Sincerely yours, Heinrichs GEOEXploration Co.

no d. and wig

Chris S. Ludwig Senior Geophysicist

CSL:jh

Date:	
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Accepted by:

Title:_____

cc: Mr. James Brooks

JOB 690 CAL GRO			AD 1	NE + SW	1/2	2/22/	72				1	000 FEET:	DIPOLE	LENG	тн					
CAL C 2.0		PFE 0.00	194.	AC1 000	AC2 0.00		FREQ 1.00	DC FREG		FE CAL	RH0 1.03	CAL								
				COMPUTE	D DAT	A	• •00 aa aa da da da da da			9 aan am ang mg				TELD	DATA					
POINT N	0. N	RHO		PFE	1	MCF	CCPFE	CCMCF	C	PFE		PFE	CUR	PT.	N	AC1	ACS			
		2 19	.37 .15 .95	• 70 • 80 • 80	1	61.6 41.8 30.8	.37 .22 08	32. 11. -3.	.3	.33 .58 .88	** ** **	•70 •80 •80	6.00 5.00 4.00	2	1 2 3	21.900 7.680 3.330	0.00			
	4 1 5 2		•51 •74	.70		29.8 13.1	.58	24,		.12	** **	•70 •60	6.00		1 2	45.300				
	6]	. 53	.38	.50	1	9.4	.50	9,	• 4	0.00	**	,50	4.00	6	1	68,700	0.00			
	7 1 8 2 9 3 10 4	2 66	.49 .52 .26 .48	•50 •50 1.20 1.30		7.0 7.5 25.9 51.0	.50 .40 .80 .36	7 6 17 -14	0	0.00 .10 .40 1.66	** **	•50 •50 1.20 1.30	5.00 6.00 5.00 6.00	8	1 2 3 4	115.000 32.100 7.390 2.440	0.00			
	13 3 14 4	2 64 61 41	.38 .22 .85 .02 .62	•40 •60 •70 1•10 1•10		5.9 9.3 11.3 26.8 48.6	•40 •49 •43 •21 -2•03		6 9 1	0.00 .11 .27 .89 3.13	** ** **	•40 •60 •70 1•10 1•10	4.00 5.00 5.00 5.00 6.00	12 13 14	1 2 3 4 5	86.800 25.800 9.930 3.280 1.240	0.00			
	<u>1</u> 9 5	97 71 47	.18 .46 .24 .15 .20	.60 1.00 1.20 1.30 0.00		7.0 10.3 16.8 27.6 0.0	.53 .86 .78 .09 -2.87	6, 8, 10, -86,	8 9 8	.07 .14 .42 1.21 2.87	** ** ** ** **	.60 1.00 1.20 1.30 0.00	4.00 5.00 5.00 5.00 6.00	17 18 19	2 3 4 5 6	2.150	0.00			
	22 4	221	.86 .38 .44 .11	1.00 1.10 1.20 1.30		5.4 5.0 5.9 10.6	1.00 1.01 1.03 .78	45	4 6 1 4	0.00 .09 .17 .52	** ** **	1.00 1.10 1.20 1.30	4.00 5.00 5.00 5.00	22 23	3 4 5 6	23.800 17.700 9.240 3.480	0.00			
	25 4 26 5 27 6			1.40 1.50 1.30	1	9.0 8.6 8.6	1.26 1.30 .91	8. 7. 6.	.4	•14 •20 •39	** ** **	1.40 1.50 1.30	4.00 5.00 5.00	26	4 5 6	9.920 7.970 4.290				
	28 1 29 2 30 3 31 4	2 12 21	.44 .15 .12 .34	.80 .90 1,30 .80	1	76.6 74.1 61.6 30.4	.42 17 .14 79	40 -14 -30	2 6	.38 1.07 1.16 1.59	** ** **	.80 .90 1.30 .80	6.00 6.00 5.00 4.00	29 30	1 2 3 4	20.100 5.840 3.370 1.690				
	34 3 35 4	2 11 3 15 25	• 34 • 24 • 01 • 74 • 40	.80 .80 1.10 1.00 1.20		77.4 71.1 73.3 38.9 39.5	.42 39 71 64 95	40. -34. -47. -25. -31.	5 6 0	.38 1.19 1.81 1.64 2.15	** ** ** ** ** ** **	.80 .80 1.10 1.00 1.20	6.00 6.00 6.00 5.00 4.00	33 34 35	1 2 3 4 5	2.880	0.00 0.00 0.00 0.00 0.00			
	38 3 39 4	10 15 25	•91 •35 •08 •52 •74	1.20 .90 1.60 1.60 1.80		121.1 87.0 106.1 62.7 62.6	20 -2.02 -1.66 -1.09 -1.64	-20. -195. -110. -42. -57.	0 0 7	1.40 2.92 3.26 2.69 3.44	** ** ** **	1.20 .90 1.60 1.60 1.80	6.00 6.00 6.00 5.00 4.00	38 39 40	2 3 4 5 6	1•990 1•440 1•160	0.00 0.00 0.00 0.00 0.00			
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