SAS	44444444	1111000000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
ย 4.0 5.7	44444444 44444444 100044 100044	20000000000000000000000000000000000000	44444444444444444444444444444444444444	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 6 8 7 9 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ROCK COUK	ար ար ար ար ար ար ար ար	νωσνηνηνονο	พพพพพพพพ๗๑๑	00 00 00 00 00 00 un un un	00000000000000000000000000000000000000
COORD	12525 17625 17625 17825	20000000000000000000000000000000000000	1464 148450 1484	24200 24300 24500 24850 4480 3425 17225 17225 17225 17575	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
DINATE	######################################	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	30000000000000000000000000000000000000	333725 333775 333875 21450 24450 24450 244125 26500 264125	2225 2225 24225 24225 2425 2425 2425 24
AG >	0000000000	-000000000 -0000000000		0000000000	0000000000
CU (PPM)	740 % C 00000	0000000rour -0000r-040r	20000000000000000000000000000000000000	. ww . ww 402.0222010000	00-11-008-11-00 00-11-008-11-00 01-10-08-11-00
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	44WUW0WVV 9WW004FF49V	84 N Q Q Q N Q U V - Q Q Q N Q Q A N Q Q V 4 8 Q V N Q Q N Q	C 0 W 0 4 W 0 4 V 0 C W C 0 0 C V 0 W 0 C C C W W 0 0 W 0 4 4	00000000000000000000000000000000000000	4 W W W W W W W W W W W W W W W W W W W
ZN (PPM)	00880000000000000000000000000000000000	2002 2004 2004 2004 2008 2008 2008 2006 2006 2006 2006 2006	7.000 7.000 7.000 7.000 7.000 7.000 7.000 800 8	4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2409.7 2400.7 2400.7 2400.2 2400.8 2400.8 2400.8
A A A	444444444	44444444	444444444	44444444	444444444
90 m %O	609876422-	00000000000000000000000000000000000000	80087654807 0087654807	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000000000000000000000000000000000
000K		<i>N~N~~~</i> N~N~	~~~~~~~~NN	000000	
C00801	22222222222222222222222222222222222222	20000000000000000000000000000000000000	200 8 8 8 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	200 200 200 200 200 200 200 200 200 200	44575 44255 1925 1825 1825 1825 1825 1825 2635 2635
INATE	20020 20020 20020 20020 20020 20072 20072 20072 20072	00000000000000000000000000000000000000	22 22 22 22 22 22 22 22 22 22 22 22 22	22 28 28 28 28 28 28 28 28 28 28 28 28 2	2885 2885 2885 2247 2777 2777 2770 2770 2770 2775 2775 2727 2727
(C) (S) (E) (E) (E) (E) (E) (E) (E) (E) (E) (E	000000000 48488000-	0-0000000	000000000	000000000	000000000
CO (PPM)	-0 -8 -800 -0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00-24-00-00 00-00-00-00-00 00-00-00-00-00 00-00-		4444404444 7444440444444444444444444444	W & 4 W W W W W W W 4 W W V W W C C C V V V V V V V V V V V V
PB (PPM)	WW4WWW0000 W4FWF4W0000 W4W04FFWLF	0004 10 10 10 10 10 10 10 10 10 10 10 10 10	74474997744 7477497779	7,4,4,4,6,4	200. 677. 877. 877. 887. 888. 888. 888. 888
(Mad)	0.01 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000000000000000000000000000000000	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	00000000000000000000000000000000000000	4 W 0 7 9 W 9 W 8 W 8 W 8 W 8 W 8 W 8 W 8 W 8 W

	ZN (PPR)	87.4 81.7 117.2	m 0 4		W-6	3 V M	· · ·	96.0	Ю 5-	20	77.0	- ×	äю	0.01		8	666	o in	8	σ, α	C	lac	264.1		
	PB (PPE)	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.40	. מישי	P. 41	· +- v	4 1	50.3	. 0	4.6	58.7	νó	رم مر د د	50.6	กท	·	ဝတ်	10	- 4	ر. ۱۷ س	40	, n c	56.9	٠	
	(Mad)	76.6 51.5 50.9	4.7	\$ \$ \$	٠ <u>٠</u>	\$ 40 L	N ®	63.5 14.4 52.4	46	NO.	88.0	⊷ ∞	on.	79.5	v .	M	٠ ا	. w	410	\$	ω ν	V 1	55.3	:	
9)	(PPM)	0000						000			00			00									000	**.	
	NATE Y	28650 28550 29100 29100	889	815 802 740	727	7.007	747	27150 27425 26425	19025	26800	26675	26275	26825	26300	640	612	615	622	50	35	. 0. 4		28800		
	COORDI	6729 8673 8500 8625	400	IN OLD	5175	8 8 0 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9200	9050 9125 9575	16675	52	6475	25	52	7600	200	1 AV C	1 ~ 02 1 ~ 02		○ ←	IN C	0 8	82	10625		
	ROCK	∞	ผผก	1 (0) (1) (1)	N N 1	ท เก	~ ←	′0 0 ←	ınα	~ ∼	ผพ	N M	ผผ	NN	← ¢	N 63 6	N ← (v ←	W W	د د	· «- «-	N N	יטטי		
	SAMPLE NO.	የ የ የ የ የ የ የ የ የ የ የ የ የ የ የ የ የ የ የ	NWE	N 10 40	999	9 49 49	99	568 569 570	V- P-	~ ~	575	~ ~	~∞	₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩ ₩	ဘလေးစ	0 ∞0 ∢	\$ \$\pi \$	00	00	σο	0	.00	200		
	ZN (PPM)	92.2 106.6 168.1 63.5	⋄ ∞ •	200	100	. w -	40	102.7 72.4 49.9	M	40	89.7 122.8	- 6	υ·-	96.8 81.2	000	٠,٠	2 4 6		92.3 57.5	M 10	0.00		110.7		
	PB (PPM)	50.2 72.3 70.7 70.7	M 60 60	4-4		9 0	7 L	51.4 62.9 48.4	νo	٠. د	51.5	5.4	4.4	67.5	6000	i in i			4 8	ດ່ວ	OM	√ «	52.5	•	
	(PPM)	58.5 57.5 49.1	нωн	w o m	10.10		~ N	57 72.5 36.8	00 00	8.4	91.3	N -	ω o	520	,	; 0	× 00 ×	÷.	43.2	4 -	9.50	V -	80	•	
	AG (PPM)	0000						000			0.0			000					00				00		
	INATE	27300 27275 27650 27675	780 705 735	740 655 640	662	600 610	612	26825 26600 26175	635	662 562	25950	550 542	562 570	25450	575	- 61	200 200 200 200	944	29425	927 902	885	915	830		
	COORD	3025 2950 3325 3850	800	200	OWN	0 00 IV	8 2	3175 3000 3300	202	20 20 30 40	1350	57	242	2575	200	4	O 101 0	ຸດວ	8975 9950	٠ و ۲	57	35	5025 5925		
	COOR	en en en en	e e e	ผพพ	N N F	- 4	← ~	ะทพ	ω 	ſU ←	c − −	 (⁄0	ผณ	(1 (1) (- ~ ^	1 (7)	ਜਾਵਜ਼ਾਵ		~ ∪	← ←	£ \$		- N		
	SAMPLE NO.	501 502 503 504 704	000	00-	*** <= =			518 519 520	OL OL	NO	52.5 52.5 6	CO CO	NN	€ Ω Ω Ω Ε Ω Ω Ω	ባየነሰ	1010	4 (4 (ነ ላ	55 \$4 \$4 \$2 \$4 \$2 \$4	* *	~ ~	3 3	4 W		

	(MAA)	64.1 64.1 55.4	7 2 4	N-4 M	9000,0	62.3 48.9 64.6 67.0	787087474 4840878474 4888888874	0,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88 89 97 97 97 97 97 97 97 97 97 97 97 97 97
	P8 (₽₽₹)	42.6	7007	000	~1.5 → → 68	2444 2044 2044 2044	00000000000000000000000000000000000000	00000000000000000000000000000000000000	7 4 10 10 4 10 10 4 10 10 10 10 10 10 10 10 10 10 10 10 10
	(PPP)	45.8	W C O	1 4 1 1		2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	8,008,8,000,00 8,00,00,00,00 8,00,00,00,00	20000000000000000000000000000000000000	2.00 2.7 4 4 4 8 E E E E E E E E E E E E E E E E
į	(/) (PPM)	0000				00000 1010N	00000000000000000000000000000000000000		000000000
	INAŢ	26875 26750 27500	765	735	28824	25850 25750 25775 25775 25650 25750	255500 255500 255500 255500 25550 2550 25550 25550 25550 25550 25550 25550 25550 25550 25550 25550 25500 255	28775 29775 29775 29775 29775 29775 29776 29776 29776 29776 29776	28 4 4 2 2 2 3 4 4 2 2 3 4 4 2 3 4 4 2 3 4 4 2 3 4 4 3 4 3
	C00 X	15550	650 662 707	717 772 775	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	16350 16325 16925 16875 17400	77. 77. 78. 78. 78. 78. 78. 78.	2000 2000 2000 2000 2000 2000 2000 200	20000 210000 210000 210000 23300 23300 24310 26000 26000 26000 26000 26000 26000 26000 26000 26000 26000 26000 26000 26000
	ROCK CODE	W 40 W H	n o o n	n n in	000000	w w w w w	W W W W W W W W W W	<i>ww</i> w w w w w w w	တက ကု ထဲ ထဲ ထဲ ထဲ ထဲ ထဲ
	SAMPLE NO.	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	ւտտտ	N W W	00000	666 666 666 866 866 866 866	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$. 0000000000000000000000000000000000000
	(Wede)	51.2		ONN	เสพพพ		7 0 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7.204 7.204	80000000000000000000000000000000000000
	98 (PPM)	0.00 0.00 0.00 0.00	w - 0	0 0 0	58 57 59 41 59 59	ทหางหา	444 N O N O N N N N N N N N N N N N N N	7.27.20.20.27.20.20.27.20.27.20.27.20.27.20.27.20.27.20.27.20.27.20.27.20.20.20.20.27.20.20.20.20.20.20.20.20.20.20.20.20.20.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	CO (PPM)	7 8 7 C	80 70 70	000	50.6 50.6 71.7 71.5	4 1. 1. 10 0	400 040004000 00000000000	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	4 4 4 6 8 4 4 4 4 4 4 6 6 4 4 6 8 4 4 8 4 4 8 4 6 8 4 6 8 4 6 8 6 6 8 6 6 8 6 8
	A P P M	0000	0000		00000		000000000	0-00000000	0000000000
	INATE	28350 28100 28000	862	888 887 127 127 127 127 127 127 127 127 127 12	27550 27450 27475 26925 26925	5827	26350 26025 26025 26025 29875 29676 29675 29525 29525	29575 29425 29425 29850 29850 29175 28975 28975 28975	28700 28175 28175 28175 28175 28025 28025 28100 26725
	0 0 8	10075 11600 31675 57675	220 260 420	407 452 457	10230 10200 10400 10825	40 40 40 40 40 40 40 40 40 40 40 40 40 4	12575 14000 14000 16500 16500 17250 17250 17250	64114444444444444444444444444444444444	1788200000000000000000000000000000000000
	7000 000 000	เลนเกร	10000	мию	ผผพพพ	ଊ <i>୲</i> ୵ଊ୵୲ଊ	∞ w w w o o o w w o	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	W 10 W W W W W W W W W
	SAMPLE NO.	6000 1000 1000 1000	000	00~	~~~~	2000 2000 2000 2000	\$	66666666666666666666666666666666666666	00000000000000000000000000000000000000

26.5 29.1 64.2 64.2 64.2 64.2 64.2 64.2 64.3	66.9 7.7 66.9 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7	56.58 58.74	51.4 55.4 58.4 58.4 58.4 57.4 57.4 57.6 57.6 57.6 57.6 57.6 58.0 57.2 57.6 58.0 57.5 57.6 58.0 57.6 58.0 57.6 58.0 57.6 58.0 57.6 58.7 57.6 58.7 57.6 58.7 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57	66.6 63.9 63.9 71.7 71.7 71.2 71.2 71.2 71.2 71.2 71.2
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.147.947.0		~ N M O N = = O M V
4 t MN - 8 t N 8 6	anting an exin			2 0 0 m 0 m m m m m
	40000000000000000000000000000000000000	5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 W 8 L W W 4 L W W 8 W W 4 L W W W W 4 L W W W 4 L W W W 6 L W W W W W W W W W W W W W W
000000000				0-00000000
21050 213050 21300 21330 21330 21350 21350 21350 21350 21350 21350 21350 21350	25775 26775 26775 26775 2775 2775 2775 2	22 23 25 25 25 25 25 25 25 25 25 25 25 25 25	2235 2235 2235 2245 2245 2245 2245 2245	225250 225250 225250 225250 22550 22550 22550 22550 22550 22550
00000000000000000000000000000000000000	7000 2000 8200 8200 5025 7550 7875	8 6 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	8625 9425 9425 9425 9425 9425 9425 9425 94	88888888888888888888888888888888888888
rrannnar4r	アアラアーミミミショ	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°	~-~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	77777777 98999997 108489999	77777777777777777777777777777777777777	7 7 7 8 8 8 7 7 7 7 8 8 8 7 7 7 8 8 8 7 7 8 8 8 7 8 8 8 9 9 9 9	7 4 4 6 6 7 7 7 8 6 6 6 9 6 9 6 9 9 9 9 9 9 9 9 9 9 9 9
2 8 8 8 9 9 9 7 7 8 9 9 9 9 9 9 9 9 9 9 9	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00	7474874686 14464904188 14476761884	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
74480VV 44V 76464WW 6W 0	00000000000000000000000000000000000000	44460 44460 44460 6626 6626 6626 6626 66	40000000440 400-4-440-	0 0 4 0 4 4 4 6 6 0 0 0 0 4 6 6 6 6 6 6
C C C C C C C C C C C C C C C C C C C	00484040WW	70 50 40 40 40 40 40 40 40 40 40 40 40 40 40	000 000040 000 4040404 00444000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
-000040000	0000000000 -0-040000	000000000	000000000	000000000
22222222222222222222222222222222222222	255000 255000 255000 255000 255000 255000 255000 25500 25500 25500 25500 25500 25500 25500	2244 2255 2244 2244 2244 2244 2244 2244	1000111000 000110000 000110000 000110000 000110000 000110000 000000	80 80 80 80 80 80 80 80 80 80 80 80 80 8
224420 224450 224450 224450 224450 24450 24450	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	00000 000000	2222 22225 226525 20050 20050 22775 225 225 225 225 225	15900 1500 1500 1600 1600 1600 1600 1600 16
∞ 00 00 00 00 00 00 00 00 00 00 00 00 00	សសសសសសសសស	∞ w ∞ ∞ ω ← α α α α α	ณพพท พ ซ ซ ซ พ ท ท	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
77777777777777777777777777777777777777	//////////////////////////////////////	74444444444444444444444444444444444444	744444444 4444444444444444444444444444	77777777777777777777777777777777777777
	0.2 53 52 5 67 50 0.0 18.2 46.7 39.5 752 752 7 7 800 2105 0.2 53 605 27 52 5 0.0 18.2 46.7 30.4 752 752 7 1325 2137 0.3 8 23 600 27 12 5 0.0 36.6 56.1 88.5 754 2 3825 2137 0.4 5 21 475 267 5 0.1 3.2 54.4 90.8 755 2 4500 2137 0.5 5 22 600 267 20 1.2 50.9 75.8 97.0 756 2 4650 2150 0.7 5 5 22 600 267 25 0.1 19.8 53.6 77.4 757 2 4650 2150 0.8 23 650 267 25 0.1 10.2 43.1 99.6 759 4 2625 732 10.2 43.1 99.6 759 750 758 7 2625 732 10.2 43.1 99.6 759 750 758 7 2625 732 10.3 8 24775 26300 0.1 11.5 50.8 66.2 760 7	702 8 23675 27525 0.0 18.2 45.7 59.5 752 2 1275 2137 7 180 21105 703 8 23605 27725 0.0 18.2 45.7 59.8 755 2 1275 2137 7 180 21105 704 5 21400 26700 0.0 18.2 56.4 50.8 754 2 3825 2137 7 180 2137	707 5 25125 27430 0.1 16.0 46.7 90.8 755 2 2705 2715 2715 2715 2715 2715 2715 2715 271	705 8 23675 27525 0.0 16.2 46.7 90.9 7.7 755 2 21075 2107 700 8 23600 27725 0.0 16.2 46.7 90.8 75.4 90.8 75.5 2 21075 27070 8 23600 27725 0.0 1.2 46.7 90.8 75.4 90.8 75.5 2 12075 21075 2 210

			1 - 1		
(Mdd)	84222246 848622246 86486246 8648646	00074804989 88078974988	9495 9497 9497 9497 9497 9497 9497 9497	04000000000000000000000000000000000000	### ### ##############################
PB (PPM)	8 W W W W W W W W W W W W W W W W W W W	8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0,4000,404,0044,0040,000,4000,4000,400	00000400040 0000000040 0000000040	0 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
(Mee)	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	02 02 44 98 80 77 76 94	0000-00-00 0000-00-00	-04440000 -044000000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
(9) (M89)	00000000	00000000	000000-000	000000000 	000000000 W4W00W00
IN ATE	241125 24750 24625 24625 23820 23820 24350 24350	23000 23000 22875 22850 22850 22000 21800 21825 21825 21825	20025 20052 20052 20052 20052 2005 2005	24875 24775 24875 24875 24475 24875 24875 24875 24875 24875 24875 24875 24875	23600 24225 23625 23625 22800 22800 22825 22325 22325
COORD	13223 17823 17823 17823 17873 17873 17873 17873 17873	156673 156673 156673 15600 16000 16000	222223 22223 22223 2223 2223 2323 2323	00000000000000000000000000000000000000	22 22 23 25 25 25 25 25 25 25 25 25 25 25 25 25
RO CO C E E E	мимимими	๚ พ พ พ พ พ ๛ พ พ พ	יט יע	<i>w w w</i> w w w w w w	
SAMPLE NO.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88888888888888888888888888888888888888	00 00 00 00 00 00 00 00 00 00 00 00 00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
(NGG)	7.7.2 2.8.2 2.8.2 2.8.2 2.8.3 2.8.3 2.8.3 2.8.3 5.8.3	67.4 6410.6 6433.9 82.4 180.1 76.1	21.00.00 7.00.00 7.00.00 8.44.7.00 8.44.7.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	440004900 6400040000 6400040000 6400000 640000 64000
(₹ 884 ¥44)	2000 2000 2000 2000 2000 2000 2000 200	7477 7777 7964 7767 707 863 707 863 707 863 863 863 863 863 863 863 863 863 863	7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9	44 8 8 8 8 4 4 4 4 8 8 8 8 8 8 8 8 8 8	7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
(M99)	22 23 25 25 25 25 25 25 25 25 25 25 25 25 25	4007 0 N c 4007 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WUWWW-WUW- V & Q 4 V + 4 + 8 V O O & W 4 Q A 4 V &	4 U - 4 U - C W 4 W 6 W W 6 W 6 W 6 W 6 W 6 W 6 W 6 W	- W W W 4 4 N N W W W C - O - N O O O O O O O O O O O O O O O O
AG (PPN)	0000000000	00000000000000000000000000000000000000	0000000000 %-8000000	00000-0-00	0000000000
INATE	221850 221875 221875 221875 221875 221875 221875 221875 221875 221875 221875	22222222222222222222222222222222222222	20022 20022	20000000000000000000000000000000000000	222700 222250 222250 27225 27225 27325 27175 20025
000 X	2000 2000 2000 2000 2000 2000 2000 200	882008 44625 46625	8178 10550 10550 10550 14600 12605 12605 12605 12605	4444 4444 4444 4444 4444 4444 4444 4444 4444	14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
20 00 70 70 70	NNN55555	~~~~NN=~~~	~ ~ ~ ~ m co m m m m	M W & ← ← ← ← & W W	M M OO M M M O O M M
SAMPLE NOLE	88888888888888888888888888888888888888	00000000000000000000000000000000000000	**************************************	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	88888888888888888888888888888888888888

.

	(PPM)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	,	50.		525	\$ 3	56.7	55.9	79.5	44.4	7. 27		۲.	89.0	٠, ۱	<u>.</u>		•	68.1	١٠.	00	'n	4.0	iн	ď	'N 0	m	. u	100	νiο	34.7
	64 84 84 84	86.8 4.0.4 7.12	• • •		نہ کہ ت	<u>-</u> ' o		\$ ~	00 0	i	52.3		S	in c	67.8	9	. 6		3	59.9		 • α	'n	 N C			4 8	-	- r		ή 	24 25 25 25 25 25 25 25 25 25 25 25 25 25
<u> </u>	CU (PPM)	2	å , , o	٠.,		4,0			Me	, W	- N			ç,	72.3	4,	, o,		<u>.</u>	26.2	ς.	Ġ.		•		•						8.6 8.7
9	(PPM)	000 000								• . •	00	1			0.0	9. 3		•		00				5. 6		5 B			• 1			00
	INATE	19650 19950 19025	897	1000	940	917	857	Λ (N	830	810	18250	817	837	862	16150	457	920	922	540	19425	907	895	967	930	286	877	67	845	865	80.0	822	18125
	COORD	6825	4 なりに	000	4 W V	9.5	3 6	ላ ላ	20	50	9650	72	9	9 9	4450	5,5	222	9	. S	17925	8	217	292	347	410	012	200	042	7.5	12	. 5	11475
	2000 A200 円 円	נפו פו פו	אינו ט	- 1	חומו מ	א מו	163	O 103	יו פו	o 10	4 4	4		4 0	N -4	1 7	n 10	101	74	юю	'n	-3 K	, j rs	4 4	a t	ю	44	-3	M K	. 4	\$ ~ \$	44
	SAMPLE NO.	0 0 0 0 2 2 2 2 2 4 5 2 2 2	ស្រុម	\ U \ U	U AU AD	A A	٠.	OO	10 A	9.40	696 646	. 1∼		1 1	975	N- 1	~ r~	~	- 0	981	50	€0 €	(O)	∞ ≪	∞c	<u>٥</u> ٠	0.0	0	ው ው	. 0. (~ 0~	1000
																						t.		٠.								:
	(PPM)	6.9.9	1 00 L	 		∞	ά.	. 0	~ 0	. 0	50.3			4	102.6	и No.		3	Ġ	74.0		۲. u	Ġ	r. N	111	17h	∞. ←	·	n c	· · ·	40	79.3
	(Mad)	444 444.6 6.7.6	,		000	·	,	, v	€.0	, 6	14 55 10 50 10 50		6	'n.	73.5	o, c	'n	ல்	'n	50-8		کہ کہ		۲,	: :	s.	Mα	~	ς, ο	800	56	49.6 50.6
	₩ 204 000	9 % 6 8 0 2 6	100	, . u					• 1		28.6	, ,	16.2	ď.	4.6	٠. د	10	Κ,	m.	7. K.	'n			~•	::		20.00	-	m N	8 7 7 7	. 4.	53.2
	AG (PPM)	0-00									00				00					00							.00					4 .
	INATE	22325 22150 22200	. 4. 5. . 4. 5. . 5. 5.	240	275	132	55	165	040	022	$O \vee I$	825	662	700	17850	765	807	805	0 70	18375	835	670 700	685	567	582	612	NH	525	552	602	505	502 980
	C00R0 X	20675 20625 20975	- 22 2	197	447	17.0	25.5	2 K	230	22.0	400 205	37	72	82 5	2620	200	3 5	25	· ·	4025	80	900	95	υ γ	4.5	M .	2650	40	2 2	05	. V	00
	ROCK CODE	(V (V (V)	ጉጥ ሆ	νινα) 00 00	10 69	900	× •	τυ .4	o vo	യസ	יא י	7	4 6	น	M N	ว เก	m i	ก	lul kul	M	N V	'n	ካኮ	'n	~	ાં લ	2	ຮ່າກ	4 6	u w	m ca
	SAMPLE NO.	901 902 903	000	00	- 0 0	911	· •		· ·		919 920	r N	W	NO	4 17 0 4 17 17	NO	v v	OL I	ላ}	931	10	20 IA	160	M W) M	à	941	-3	させ	٠,٠	1 ~ 1	949

			•		
(MY CANA)	9WWW4VWW	6 9 4 8 8 9 8 8 9 8 8 8 9 8 9 8 9 8 9 8 9	27.00 27.70 27.70 27.70 27.80	46464444 64666464 6466464	20 20 20 20 20 20 20 20 20 20 20 20 20 2
\$ & & & & & & & & & & & & & & & & & & &	40000000000	4	0 0 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0440484444 84468080400 9448044400	wwwww.48wo
CU (PPR)	47.01-7.000.00 07.01-7.000.00 07.01-7.000.00	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	W.orwo-onog orwoono404	40000000 0004000000000000000000000000	00 00 00 00 00 00 00 00 00 00 00 00 00
(11) (PPM)	000000000	000000000	000000000	000000000 000000000	000000000
INATE	166800 166800 166800 16775 16775 176705 17705 17800	15550 15550 15550 15550 15550 15550 15550 15550 15550	19875 19875 19800 19800 28275 18775 18625 18625	18875 20675 20575 18825 16825 1625 1625 16575	241112 2422 2422 2422 2422 2422 2422 24
C008D	100000 10000	15625 15750 16275 16235 17290 17175 2000 21750	22200 22200 22200 224025 224025 224025 224025 224025 224025 224025 224025 224025 224025	235475 223525 223525 23550 20050 19975 20175 20175	211750 211750 211750 211750 233925 233925 233925 232925
800 000 対 可 000 月		ЭЭФЭЭМИМИИ	N000000000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	o o o o m m m m m m
SAMPLE NO.	000000000 000000000 000000000 00000000	10066 10066 10066 10066 10068 10068 10068 10068	00000000000000000000000000000000000000	00000000000000000000000000000000000000	00000000000000000000000000000000000000
ZNS PPH>	89 8 7 8 9 9 7 8 4 8 8 4 8 9 6 7 7 8 8 8 8 9 4 8 8 8 8 8 9 9 9 9 8 8	8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	00 00 00 00 00 00 00 00 00 00 00 00 00	04WF44WWW0 6-44FF00F04 044F048040	7 8 8 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
(E00)	08844844448 088460040018 0987600000000000000000000000000000000000	04444444444444444444444444444444444444	44 W 4 4 M C M W W	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	W4WW4WW4W 8CW80CW80CO 9W9ACWW&W-
669 899	20 % 20 %	ับลุพบุลบุลพะล อุพัพพุพธยะพล	0000 0000 00000 00000 0000 0000 0000 0	4	ννν-04ννυν -400-4844-
AG (PPM)	M000000000	000000000	000000000	000000000 000000000	000000000
INAȚE	2888 2882 2882 2882 2882 2882 2882 288	174 176 176 176 176 176 176 176 176 176 176	2000 2000 2000 2000 2000 2000 2000 200	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	28 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
COORDI	13375 13625 13625 113625 11300 11525 13205	13475 10450 10450 10450 10875 111275 11128	14325 11100 111200 11325 13175 13380 14625 12850	16825 16425 16425 16425 15700 15725 16825 17425	17675 18425 18425 19175 19250 19150 15975 16350 16350
80 00 70 XII	_	4004444444	444404444	3000044450000	กกลุกจุก
SAMPLE NO.	1000 1000 1000 1000 1000 1000 1000 100	1001 1001 1001 1001 1001 1001 1001 100	00000000000000000000000000000000000000	10032 10032 10033 10035 10035 10030 10030	10042 10042 10046 10046 10048 10049

		•		·	
ZN (PPA)	74747 747647 747	20000000000000000000000000000000000000	0 8 4 0 0 0 4 4 6 8 4 6 8 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6 9 9 9 9	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	647879247 697044247 69704447328
PBG (PPM)	8845484484 840497488 840497488	00 00 00 00 00 00 00 00 00 00 00 00 00	44440000000 40444000000000000000000000	00000000000000000000000000000000000000	400484008 400484007 400484007 400484000
CU (PPM)	2004 2004 2004 2004 2004 2004 2004 2004	7 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	9 95	444-0009944	0 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
(12) (PPH)	-000000000	000000000		0000000000	00000000000000000000000000000000000000
INATE	2012 27575 27575 27525 2875 2875 2875 10750 10550 10550 175 175	44555 4455 4455 4455 4455 4455 4455 44	11550 10725 80725 9400 9100 11125 10600 10625	10175 10225 10225 14200 14200 14450 14450 14450	11222222222222222222222222222222222222
COORDI	13000 140000 140000 140000 140	13575 13575 13575 14650 13125 13150 12125 12125	13700 11225 1225 16000 16625 11725 11725 11350	13350 13550 14627 17360 17360 16800 16925 18875 18875	18055 19075 19175 16227 176225 176225 17600 17800 17800 17800
ROCK CODE	\$ 10 4 10 10 10 10 10 10 10	W44444W4WF	いいなケケケジシンケ		これなななない
SAMPLE NO.	######################################	21111111111111111111111111111111111111	14111111111111111111111111111111111111	2222222222 222222222222222222222222222	11111111111111111111111111111111111111
ZNZ (PPM)	00000000000000000000000000000000000000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	U0040006W	000 V V 80 0 L 4 80 80 0 4 L 80 4 80 0 W 0 0 0 C 0 W W 0
() () () () () () () () () ()	V 2 W W 4 W 2 W W W W W 4 W 4 W 4 W 4 W 4	0.040044800 84040801-80 0080-80400	0.04.04.44.44.44.44.44.44.44.44.44.44.44	01.040.000.000.000.000.000.000.000.000.0	<i>wwwwwwowy</i> <i>r</i> 4049 <i>r</i> 48 <i>w</i> 4 989 <i>www</i> 009 <i>y</i> 9
30 84 84 84 84	4408/680088 4408/68/68	604848444 604869644 478696487	<pre>04 - 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</pre>	24-24-24-24-24-24-24-24-24-24-24-24-24-2	444 W W W W W W W W W W W W W W W W W W
AG (PPM)	000000000	000-00000	000000000	0000000000	00000000
INATE Y	114688888888888888888888888888888888888	110600 10600 10600 10600 10600	10125 10125 10275 10275 10675 10350 27675 297650	28500 28550 29250 10250 13600 13600 1375 1275 12555 12555	24 24 24 24 24 24 24 24 24 24 24 24 24 2
C000RD	28 28 28 28 28 28 28 28 28 28 28 28 28 2	700 950 850 850 850 7600 3350 3475	3325 3450 4455 4455 4755 4775 5625 5625	5725 6375 6375 74520 14550 11800 11500 6800	24 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
2000 000 000 000 000	\$ 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	พพพพพพง 4พพพ	444₩4₩₩₩₩₩	4rwww-4	4444404004
	- NW4W0V@00	-NW4W4K@00.	- 000400000	CO07000000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

ZN (PPM)	28 88 88 94 64 64 64 64 64 64 64 64 64 64 64 64 64	26 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	48888844 888848484848 7008884 88888848484848 7008880 88888888888	N - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
ed (Hdd)	0.000044400 9.00004400 7.470001-47	0000 - 000000000	440004 4400004400 0-0004	W VERRING WAY
(Mdd)	00-00-00-00-00-00-00-00-00-00-00-00-00-	8000000000000000000000000000000000000	4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
(13) (APP.)	900909999			
JNATE	& W W & W W & W P C	7.857 7.857	8717 8718 778 778 778 7718 687 687 687 687 687 680 680 680 680 680 680 680 680 680 680	040867-007-
CO0801	3800 3825 4200 4475 4400 375 275 1425 1025	3500 4404045	2777 7777 77775 8650 8750 8750 8750 8750 8775 88775 88775 88775	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
E ROCK CODE	4440088888	พพจจจจนทพพท เทพพพ	เงเกเงงหนา พ.พ.พ.พ.พ.พ.พ	, v v v v v v v v v v v v v v v v v v v
SAMPLE NO.	2521 2521 2521 2522 2522 2522 2522 2522		122 122 122 122 122 122 123 123 123 124 125 125 125 125 125 125 125 125 125 125	90000000000000000000000000000000000000
zā	2120 2120 2120 2120 2130 2130 2130 2130	25 84 84 84 84 84 84 84 84 84 84 84 84 84	64476 666764886 6476886 666764886 666764886 666764886	0 0000000000
(Mdd)	22.00 20.00	DAMP SUPSANDER	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 44440404000 4 445644000000 4 55866840000
CU (PPM)	# 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		אַעְבְּבְרַבְּ בְּעְבְּעָהְעָסִאְלָאִרְ סְּעֵּבְרְנְעַסְּ מְּעִילִּבְרְנְעָמֵּ	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
AG CMG CMG	0000000000			
INATE	122550 122550 122550 122550 122550 17255 17255	44444444444444444444444444444444444444	2000 2000 2000 2000 2000 2000 2000 200	0 84884444-08
000 X	166425 166425 16250 188150 198600 199450 19750	80000434646 04400 800004486086 07400 80000470047 07400	00000000000000000000000000000000000000	4 440000cccon 0 0000000ccoo
8000 8000 8000	មា មា មា មា មា មា មា មា		44 መለመጥ ከመመመመመመ	n nn444mm44
S AMP NO.	12002 12002 12002 12005 12005 12005 1000 1000	12		2577777 P

	ZN (PPM)	2000 2000 2000 2000 2000 2000 2000 200	444444444 66664646646	2007740588000 8800040588000 8000405800 800000 800000 800000 800000 800000 800000 800000	56.8 34.8 54.0 56.0 58.7 58.7 58.7 58.7 58.7 58.7 58.7 58.7
	PB (PPM)	7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	- ON 8 9 9 N N 8 +	W.4. W.	0.10 84.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6
	(PPR)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	242 422 222 422 422 422 422 422 422 422	448N+N4998
(4)	(PPH)	040-00000		000000000000000000000000000000000000000	000000000
	INATE	15250 134625 134625 15325 2000 2000 4950 37650 5125		4175 4200 3950 3875 4200 4200 4200 3550 3550 3550 3550 3550 3550 3550 3	2450 2450 625 625 625 625 625 625 625 625 625 625
	C00RD	24175 24875 24875 24875 24875 26075 18225 18100 18200	18700 18650 2625 3050 18800 17400 12450 2375 23600 225	50 750 1555 1805 1875 1825 1880 1880 1880 1880 1880 1880 1880 188	1300 2373 1650 1650 2250 32550 3267 3267 3263 3263 3263 3263
	CODE	 	W W W W W W K K W W W	WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	*******
	SAMPLE NO.	11 11 11 11 11 11 11 11 11 11 11 11 11	######################################	1372 1372 1374 1375 1376 1387 1388 1388 1388 1388 1388 1388 1388	1395 1395 1395 1395 1396 1399 100
	(Ndd)	50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	99 00 00 00 00 00 00 00 00 00 00 00 00 0	00 00 00 00 00 00 00 00 00 00 00 00 00	7.107 7.007 7.007 7.007 7.00 7.00 7.00 7
	PB (PPM)	4 6 7 4 6 7 4 6 7 4 6 7 4 6 7 4 6 7 4 6 7 4 6 7 4 6 7 4 6 7 4 6 7 6 7	102. 27.7. 27.5. 2	08300000 44 440448484 4404484 440448 440444 440444 440444 440444 440444 4404444 44044 44044 44044 44044 44044 44044 44044 44044 44044 44044 44044 44044 44044 44044 44044 440444 44044 440444 44044 44044 440444 44044 44044 44044 44044 440444 44044 44044 44044 44044 440444	288.1 7.00 7.00 7.00 7.00 7.10 7.10 7.10 7.
	(PPM)	44000000000000000000000000000000000000	46.0 c. 0 c	# # # # # # # # # # # # # # # # # # #	# W # W # W # W # W # W # W # W # W # W
	(PPM)	0000000000			
٠	INAȚE Ŷ	9475 9225 11500 8725 7875 9375 6575 6475 6575	6000 6075 8775 84775 55500 5275 6325 10225 9500	9550 9475 8775 89025 89125 8475 8475 7475 7475 7475 7475 7475 747	6325 5300 5300 5300 5300 6100 9450 9450 9450 9450 9700 9700
	COORDINAT	12820 12820 12820 12820 12820 13235 10275 10175	10775 11575 11575 12000 12100 12450 14000 18250	17500 17500 16500 16500 16500 16500 16500 17507 1772 18550 18855 18855 18855 18855 18855 18855 18855 18855 18855 18855 18855 18855	17900 16900 16900 76600 28600 24600 24675 24600 24675
	ROCK	, , , , ,	<u>, </u>		W 1- W 4 W 4 W W W W W
	SAMPLE NO.	1301 1302 1303 1303 1306 1307 1308 1309 1310	1312 1314 1314 1318 1318 1319	698765401 098765024	######################################

j

·		•			
Z S N S P S P S P S P S P S P S P S P S P	wwr.oodoonon	V-00000000	7 8 8 9 4 7 4 7 8 8 9 4 7 8 9 9 4 7 8 9 9 7 1 1 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	8 4 7 7 6 6 8 8 9 9 8 8 9 7 7 8 8 9 9 9 9 9 9 9 9 9
€ Se	400000000-	040000000	7874 7874 7886 7886 7886 7886 7886 7886	400 480 480 480 400 400 400 400 400 400	80000440000 800000000000000000000000000
CCU PPR	ひょりひとめのせんめ	N J J O M O F F M J	84400000000000000000000000000000000000	00488448884444444444444444444444444444	6 4 W C C W C W C C C C C C C C C C C C C
(15 (PPM)				0000000000	000000000
[NAŢE	00000000000000000000000000000000000000	3/04/04/04/04 04/04/04/04/04/04	525 2850 2850 2850 2850 2825 2825 6255 6250	00000000000000000000000000000000000000	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
COORDI	14525 14525 14625 14625 14625 14625 14625 14625 14625 14625 16625	~ W @ @ W Ø Ø W W Ø	17250 17350 17375 17875 17850 17850 12850 12850 12850 12850	19000 20150 13150 13600 22725 21650 22750 22750 22750 23575	23675 23155 21125 21125 21360 21800 21475 21100
80 00 00 80 80	M444444W	NNW44444NN	4444400400	ນທ4ໝູນພູພູກຸດ	ស ល ល ល ល ល ល ល ល ល
SAMPLE NO.	744444444	400000000	74747474747474747474747474747474747474	74747474747474747474747474747474747474	444444444 9999999999999999999999999999
(Ndd)		800458888888888888888888888888888888888	2001 2001 2001 2001 2001 2001 2001 2001	7.8 2.0 2.0 6.1 6.1 6.1 7.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	8 6 8 4 8 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6
9.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8	08000000000000000000000000000000000000	01000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	28888342 2888834 2005 2005 2005 2005 2005 2005 2005 200	47 m 4 4 7 4 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
(PPA)	40000000000	2	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	# T	74
A		000000000		0000000000	
INATE	644 6444 6495 6495 6495 6495 6495 6495 6	2950 8925 2750 2750 2720 8250 7200 7200 7500	2925 100 375 42275 4125 3425 3375 3325 3300	3050 3350 3350 3000 2000 2750 1700 1700	1900 1625 1625 1625 4600 4300 4225 3520 3550
020000 X	200	9	71777777777777777777777777777777777777	112 W W W W W W W W W W W W W W W W W W	10000000000000000000000000000000000000
2000 CODE PDDDE	てて云るとしてのとし	の ひと ト ケ ケ ト ト ト	~~~~~~~~~ <u>~</u>		464441010101010
SAMPLE NO.	74444 74444 74444 74444 7400 7400 7400	24444444444444444444444444444444444444	24444444444444444444444444444444444444	14444444444444444444444444444444444444	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

ZN (PPM)								e de la companya de l	
PB (PPM)									
(M. M. M									
(16) (PPM)			1.	٠	-	* .	:		
COORDINAȚE X									
				•					
SAMPLE ROCK NO. CODE				÷					÷
· (Mdd)	114.0 186.0 106.1 77.0								
(Mdd)	53.9 53.9 75.5 75.5								e Postantia
(Md d.)	22.7 22.7 22.7 22.3 32.3							·	
86 899 899	00000							•	
COORDINATE X	3230 3230 32300 32475 32475				٠				
	21300 21425 22825 23100 23750			•					
LE ROCK	- U M 4 M								
S AMPL	1502 1502 1503 1504 1505	-		•					
	•					<u>,</u> –	16		

Apx. 2 Microscopic Observation of Rock Thin Sections

********	· for the same									4 b x										11011							•			-	Т								
	San	nple	Coord	inate	Rock	R	Tavenza		Phe	noc	rysi	\$ 0	r	Fra	g m e	nts.	····			·	G	rand	lmas	s	or	N	1atr	ìх		!		Alte	ratio	n	11M	nero	als		Remarks
	N	10.	Υ	X	Nome	c	Texture	Qz	PI	<-f	ві	Hb S	Ap	01	Ag	Ну	Fe	CIZ	r	Qz P	ı K-	f Bi	нь	Ap (01 C	px Fe	GI	Pu	СІ	С	Μd	Qz	Cal	ch l	Ер	Se	Ba	Ру	K GIII O I K S
	Α -	- 85	7,875	14,625	Granodiorite	Gd	Equigranular	0	0	o	©	•	•				0		•								<u> </u>							•					
2	Α -	-100	250	5,375	Adamellite	Adm	Equigranular	0	0	0	<!--</td--><td>•</td><td>•</td><td></td><td></td><td></td><td>٥</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td>۰</td><td></td><td></td><td></td>	•	•				٥																	0		۰			
3	MR -	- 20	2 1,075	1,000	Granodiorite	Gd	Equigranular	0	0	0	0		•																					•					
4	Α -	- 3	30,350	7,500	Granophyre	Gph	Micrographic		0		0									o	0	٥		•		٥								0	1	٥			
5	w -	- 10	28,550	4,400	Shale	Kshi														0						0			0	•									
6	му-	- 7	27,375	3,025	Sandstone	Kshi														· @							0						0			٥			a . L. data (matt): Assessed
7	w -	- 11	29,150	4,700	Shale	Kshi														0											0								Andesitic lapilli common
8	Α -	- 28	29675	4,475	Basalt	Kbsı	Hyalopilitic													· 0					•	9 0	0					0		0					
9	Α -	- 19	2 9,175	5,625	Dacite	Kdcı	Cryptocrystalline		0																		0					0		<u> </u>		0			
10	w -	- 51	20,275	8.725	Dacite	Kdcı	Cryptocrystalline	۰	٥																		0					0		0					
11	MR -	- 30	29,175	5,825	Dolerite	Kbsi	Subophitie													0							۰							0				٥	
12	DES	5-3	1 9,650	7,675	Fine tuff	Koh																	0		0 (0							0		0			
13	A -	- 26	30,150	3,600	Dacite	Kdcz	Cryptocrystlline	۰	۰										L								0						٥	0					
14	w -	- 52	20,325	8550	Dacite	Kdc2	Cryptocrystlline	0												_							0		ļ			0		0					
15	A -	72	23,850	8,425	Andesite	Tadı	Pilotaxitic		0						0	٥	•			0						0	0	<u> </u>				. 0		0					·
16	w -	- 87	38,250	3,450	Andesitic Iapilli tuff	Toda														9					0	0					·	0		0		0			Andesitic Iapiili common
17	Α -				Accidental muddy tuff	Tdcı								T						0						0	0			٥	٥		0 (9					Dacitic Iapilli common
18	н -				Dacitic vitric tuff	Tdcı	Vitroclastic													0 0		0	-			ه ا	0						0 .						
19	A -				Basalt	Tbsı	Intergranular							0	0					0	0				0	9 0	0												Alkali basalt
20	Α ~	- 53	1 8,950	8,050	Sandstone	Tssı														0 0								<u> </u>											Andesitic(?) lapilli abudant
21	Α ~	- 70	8,075	1,375	Conglomerate	Tssı														0 9]	Andesite , dacite , and tuff
22	HA -	- 39	2,750	16,250	Andesite	Ada	Intergranular													0	0					9 0							0	0	0			0	Hornblend - epidote - chlorife v
23	w	- 109	16,225	1 4,500	Andesitic Iapilli tuff	Tad2														0 0						•	0		0			0		0	0	0			Alkali andesite
24	0 ~		1 9,650	8,375	Py disseminated ore																.				_		ļ					©							
25	0 -	- 4	1 9,650	8,1 25	Py disseminated siliceous ore																											0		_		0			
26	0 -	- 5	29,325		Kuroko ore																								<u> </u>			0					0		
27	0 -	- 6	2 9,3 25	5,050	Silliceous ore																					_			<u> </u>			0					0		
28	0 -	-12	20,250	8,625	massive py ore					\prod																	1		ļ			0							
29	w -	- 33	26,125	3,500	Sphalerite ore																							1				0	©				0		
30	L	- 3 i	1 4.3 7 5	15,475	Andesite	Adı	Intergranular												\perp	@) @					9 0	•	<u> </u>					0	0	0	0	0	•	
1 1		. 1	29,400		Dacite	Kdcz	Crypto crystalline	0																			0					<u> </u>		•		0	0	0	
32	w	- 48	2 4,000	1 6,800	Andesitic welded tuff	Tad4			0											0						٥	0	0	0			0							
			34,750		Andesitic welded tuff	Tad4			0			9			0?					0				0		0	0					<u> </u>				•	•		

: Abundant

○ : Common

ø: Minor ●: Rare

			Арх	. 2		. [Mic	ro	cop	oic	0	bse	rvc	at i e	o n	01		Roc	: k	Th	in	S	ect	ion	s									••••	
Texture		Phe	noc	rys	ts	or		Fra	g m e	nts		y	·-		1	Gı	and	m a	ss	1	or	N	latr	ìх				Alt	erat	ion	Mi	ner	als		B. amanda
rexture	Qz	PΙ	K-f	Bi	НЬ	Sp	Ар	Oi	Ag	Ну	Fe	СТ	Zr	Qz	PΙ	K-f	Bi	Нь	Ар	01	Срх	Fe	GI	Pu	СI	С	Md	Qz	Ca	Ch	Еp	Se	Ba	Ру	Remarks
Equigranular	0	0	0	0	0	•	•				۰		٠												,					0					
Equigranular	0	0	0	0		•	•				٥																			0		0			
Equigranular	0	0	0	0	0	•	•																						ļ ,	۰				<u> </u>	
Micrographic		0		٥										©	۰	0	0		•			0		<u> </u>						۰		•		L	
							ļ	ļ		ļ				0	ļ		<u> </u>		ļ	ļ	<u> </u>	0	ļ.	ļ	٥	•								ļ	
			_							ļ				0	0				<u> </u>				0	<u> </u>					0			٥			Andesitic tapilli common
							-	ļ <u>.</u>						0							ļ				ļ		0						ļ. 		Andestric rapini common
Hyalopilitic			_					<u> </u>		<u> </u>				٥	0	Ĺ				ļ	0	0	-		<u> </u>		_	٥.		0			ļ	ļ	
Cryptocrystalline		0					ļ	ļ	ļ		ļ							ļ	ļ		<u> </u>	ļ	0	<u> </u>	ļ		<u> </u>	٥		٥		0	ļ	ļ	
Cryptocrystalline	•	٥				ļ	ļ	<u> </u>	ļ	ļ					<u>_</u>			ļ. 	ļ	ļ	ļ		0	 	ļ	ļ		0,	ļ	0					
Subophitic						ļ		<u> </u>	ļ						0		ļ <u>.</u>	<u> </u>			_	ļ	0	<u> </u>	ļ	ļ	ļ		ļ	•				0	
			_				-	<u> </u>								<u> </u>	ļ	٥		0	0		0		<u> </u>		<u> </u>			0		٥		-	
Cryptocrystiline	0	0				ļ	ļ	ļ.	ļ	ļ								ļ		<u> </u>	ļ	ļ	0			ļ			۰	•				ļ	
Cryptocrystiline	0					ļ	ļ		.												<u> </u>		0					0		0				ļ	
Pilotaxitic		0	_			<u> </u>	ļ	ļ	0	0	۰				0				<u> </u>		<u> </u>	0		ļ		<u> </u>	ļ	0	<u> </u>	0			-		
															0	<u> </u>				•	<u> </u>	0		<u> </u>		ļ		٥		٥		0			Andesitic lapilli common
							ļ	-	ļ						0		<u> </u>		ļ		<u> </u>	0			ļ	0	0		0	0			-		Dacitic lapilli common
Vitroclastic							-	ļ	-	<u> </u>				0	•	<u> </u>	0	ļ	<u> </u>		<u> </u>	Ģ	0	ļ. —	 	ļ			0	ļ		<u>.</u>			
Intergranular							-	0	0	ļ			-		0	0			ļ	0	0	٥	0	ļ						ļ. 				<u> </u>	Alkali basalt
			_				<u> </u>		ļ					0	0						-	<u>.</u>	ļ.,		ļ		<u> </u>			· .			<u> </u>		Andesitic(?) Iapilli abudant
							:	<u> </u>	ļ					٠.	0			<u> </u>		-	 		·			-		-					_		Andesite , dacite , and tuff are included.
Intergranular						<u> </u>		<u> </u>	 	ļ					0	0					O				-		· 		0	0	0			0	Hornblend—epidote—chlorite vein bearing.
									 	ļ				٥	•		ļ				<u> </u>		0	_	0	<u> </u>	<u> </u>	٥		0	0	٥	 		Alkall andesite
							ļ	<u> </u>	 												ļ		ļ <u> </u>			ļ		0							
							ļ	<u> </u>		ļ						<u> </u>			ļ	ļ	 				ļ		<u> </u>	0				0		ļ	
			_				ļ	-	<u> </u>									<u> </u>		<u> </u>	 	ļ	ļ		-	ļ		0					<u></u>		
			_			<u> </u>		ļ	 						 	<u> </u>		<u> </u>			<u> </u>							0	<u>-</u>				.@		
							ļ		ļ					·- ··· <u>-</u> ···			<u> </u>	 			 	ļ	 	-	-			0					ļ		·
-				-		<u> </u>		}	1				•			<u> </u>	<u> </u>	<u> </u>		}		-		<u> </u> -		<u> </u>		0	0				0		
Intergranular							 	<u> </u>	<u> </u>						©	0	ļ		ļ		©	0		-	 				0	0	.0	· o	0	°	
rypto crystalline	٥						ļ	_		<u> </u>							-	<u>.</u>	ļ			_	0		ļ			©		0		0	•	0	
		© .					-	ļ	-	<u> </u>					(O)				 			0	0	0	0	ļ		Ø						-	
		0			0?	<u> </u>	<u> </u>	<u> </u>	0?						0	l			0		<u> </u>	٥	0		<u></u>			0				•	•	<u> </u>	

Abbreviation

Qz : Quartz

PI : Plagioclase

K-f: K-feldspar

Bi : Biotite

Hb : Hornblend

Sp : Sphene

Ap : Apatite

Zr : Zircon

Ca : Calcite

Py : Pyrite

Cpx : Clinopyroxene

OI : Olivine

Ag : Augite

Hy : Hyperthene

Ch : Chlorite

Ep : Epidote

Se : Sericite

Fe : Iron mineral

GI : Glass

Pu : Pumice

CI : Clay

C : Carbon matter

Md : Mud

Ba ! Barite

R.C : Rock code

mmon

APX. 3 Microphotographs of Rock Thin Sections

Abbreviation

Qz : Quartz

Pl : Plagioclase

K-f . K-feldspar

Bi : Biotite

Hb: Hornblende

Ol : Olivine

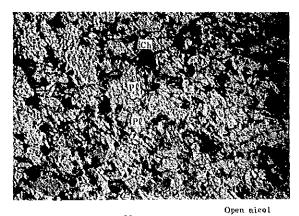
Ag : Augite

Ch : Chlorite

Se : Sericite

Fe : Iron mineral

Ba: Barite

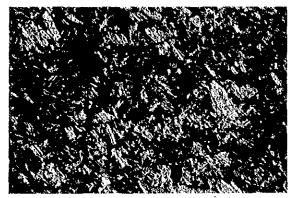


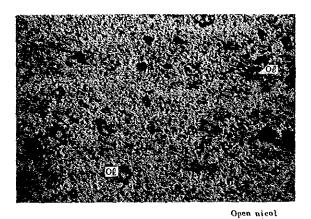
__1 mm__,

<u>1 mm</u>

Sample No. : ${\rm H\,A} = 39$ Location : El Reparo

Rock Name : Aphyric tracky andesite

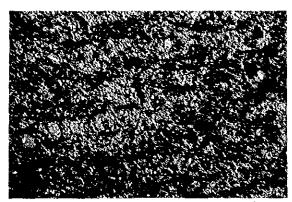




Sample No. ; A - 86

Location : La Cañada

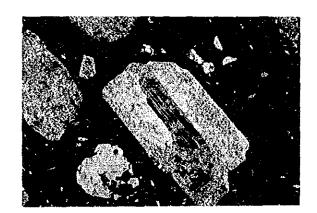
Rock Name : Augite bearing olivine alkali basalt

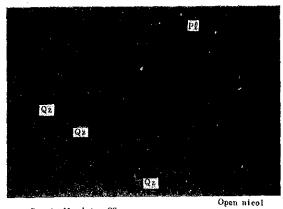




Sample No. : A-72

Location : Tepeguaje Rock Name : Hypersthene bearing augite andesite



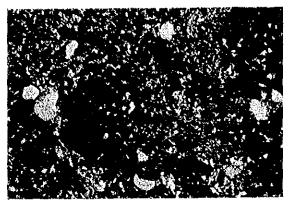


<u>l</u> 5028_____

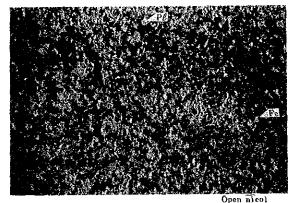
1 ##

1 mm

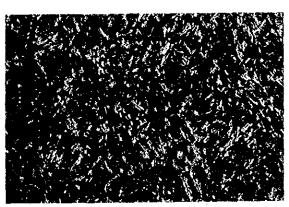
Sample No. : A - 26
Location : E1 Rubí
Rock Name : Dacite



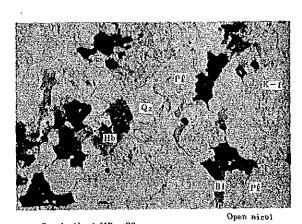
Crossed nicols



Sample No.: W-51
Location: La America
Rock Name: Dacite

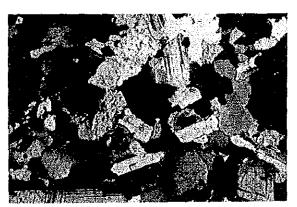


Crossed nicols

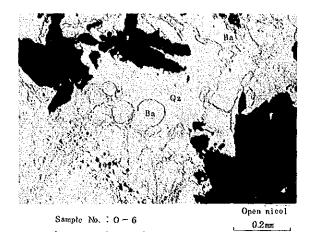


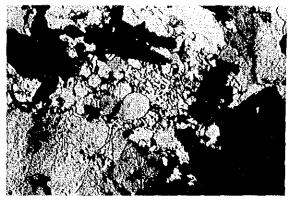
Sample No.: MR - 20
Location: Desmorado

Rock Name : Hornblende-biotite granodiorite

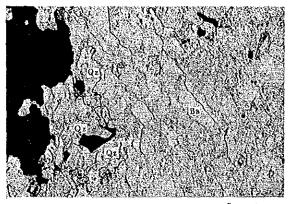


Crossed nicols





Crossed nicols

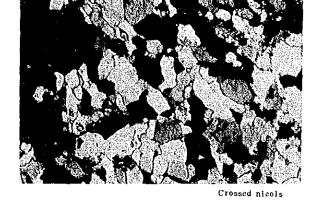


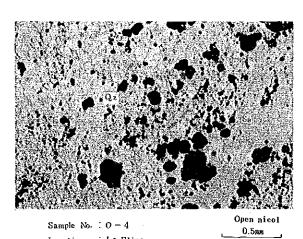
Sample No. : 0-5Location : El Rubí

Remarks : Barite > Quartz

Location : El Rubí Remarks : Barite > Quartz

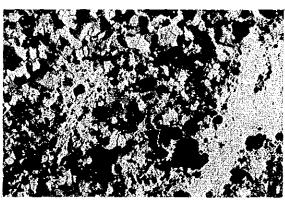
Open nicol _____0.2 mm___





Location ; La Eliza

Remarks : Quartz > Scricite



Crossed nicols

APX.4 Chemical Composition of Volcanic Rocks (1)

			Coord	Ingle	, 		Γ	, ,			i———	1	ŗ			·	<u> </u>
As.	Sample	R.C	Y	X	SIQ	Ti O2	Al ₂ O ₃	Fe ₂ O ₃	FeO	Mn O	MgO	CaO	Na ₂ O	K ₂ O	P2 O5	ro1	BaO
1	M-1	F	29.275	5,650	85,95	0.07	6.66	0.8 1	0.25	0.00	0.1 7	0.1 6	4.85	0.5 2	0.01	0.71	0.05
2	M - 2	В	29.250	5,825	7296	0.08	1 2.0 3	0.40	0.49	0.01	1.6 7	0.29	3.31	6.5 1	0.01	1.60	028
. 3	M-3	В	29,350	6,025	80.68	0.08	9.53	0.3 9	0.36	0.01	0.42	0.56	4.16	2.70	0.01	1.14	800
4	M-4	В	29,225	6,225	73,76	043	14.05	0.96	049	0.03	0.64	0.57	8.16	0.45	0.10	0.92	0.01
5	M-5	В	29275	6400	7704	0.11	11.73	1.22	0.25	0.01	0.10	0.22	3.1 2	5.36	0.0 2	1.01	0.18
6	M-6	В	29,450	6,775	8242	0.08	887	0.24	0.25	0.01	0.34	030	5,5 8	0.52	0.01	0.78	0.01
7.	M - 7	F	29,150	4,900	7927	0.11	11.75	150	0.25	000	0.66	0.08	0.38	2.5.8	0.0 1	3.94	0.07
8	M - 8	F	29,425	4,9 2 5	81.72	0.0 6	8.89	0.30	0.19	0.00	0.04	0.11	2.73	5.00	0.0 1	1.10	0.16
9	M-10	В	30.125	7,7 7 5	7655	0.28	10.33	0.7 9	202	0.02	3.01	0.50	3.73	0.8 2	0.05	220	0.0 2
10	M-11	В	30.175	7,875	8327	0.13	1014	034	0.25	000	0.10	0.12	5,93	0.15	0.01	0.47	0.00
11	M-12	F	29,475	4,775	9152	0.16	3.3 3	1.24	043	0.03	0.38	0.39	0.42	0.85	0.01	1.51	0.04
12	M-13	В	29,700	4,450	87.16	0.06	6.4 2	0.57	0.43	0.00	0.18	0.1.0	0.65	4.12	0.01	0.79	0.14
13	M-14	В	29,800	4,025	81.40	0.0 6	1 0.0 4	0.61	0.36	0.01	0.25	0.16	219	3.85	0.01	1.54	0.12
14	M-15	В	29,900	3,850	8034	0.0 7	9.7 2	0.51	043	0.01	0.05	0.18	1.42	6.09	0.01	0.98	0.27
15	M-16	В	30,025	3,625	8290	0.0 5	9.1 3	029	0.36	0.01	0.03	8 0.0	1.39	5.67	0.02	0.66	0.17
16	M-17	В	30,150	3,4 0 0	80.84	0.07	9.80	0.71	0.36	0.00	0.1.5	0.0.7	0.85	5.88	0.02	1.60	0.19
17	M-18	В	30,175	3,150	75.52	0.07	1 2.6 6	1.93	0.3 0	001	1.30	0.09	0.38	227	0.01	5.1 5	0.10
18	M-19	В	30275	2,925	8 0.0 5	0.07	10.68	113	0.43	0.02	0.66	1.81	246	0.52	0.01	2.47	0.03
19	M-20	В	29,775	2,800	86.31	0.11	7.58	0.87	0.3 6	001	0.06	0.37	2.5 4	0.27	0.01	162	001
20	M-21	В	29,500	2875	7 4.7 3	0.1 4	1 2.5 2	1.26	0.30	0.01	0.05	8 0.0	1.81	8.4 2	0.02	0.85	0.21
21	M-22	В	29,375	3,375	77.67	0.14	1 0.9 8	193	0.49	001	07.0	014	2.62	5.61	0.02	0.74	0.1.3
22	M-23	B	29300	3,725	7827	0.14	1051	1.93	0.85	0.02	0.27	0.22	273	5.15	0.02	0.54	0.09
23	T-1	D.	33,625	14,850	7925	0.14	1 0.78	1.66	0.19	0.04	0.04	8 0.0	0.89	4.67	0.0 1	2.66	0.16
24	T-2	D	33,550	14,650	8100	0.14	9.58	1.77	0.19	0.04	0.02	0.0 7	1.19	5.00	0.0 1	1.4 5	0.18
25	T - 3	D	33275	14550	7883	013	1 00 8	1.6 4	019	0.03	0.02	0.14	3.1 2	4.1 5	0.01	1.07	0.1.6
26	T-4	р	33,100	14,275	74.79	0.15	1294	2.04	006	0.04	0.04	0.14	4.04	4.21	0.01	124	0.14
27	T-5	Ŋ	33850	14,700	79,90	012	994	1.73	0.13	0.04	80.0	0.13	1.81	3.97	00 Z	215	0.15
28	T ~.6	D.	33,925	14.375	73.55	0.39	1 2.5 1	297	0.19	0.03	0.03	0.12	2.0 4	6.85	0.04	1.46	0.14
29.	T - 7	D	34,100	14,650	7 2 7 6	023	1327	1.97	0.25	0.03	0.20	0.12	2.73	6.7 6	0.03	1.46	0.16
30	T - 8	D	34,275	14,550	7334	0.29	12.84	1.04	006	0.01	0.05	0.07	186	7.5 2	0.04	1.92	012
31	T - 9	c	33,475	12,300	8150	0.23	9.74	0.04	0.27	0.00	010	0.01	0.07	6.63	0.02	1.50	0.08
32	T-10	С	33425	12,725	8207	0.1 2	1255	0.26	0.19	0.02	0.93	0.03	0.11	2.1 6	0.02	212	0.05
33	T11	е	33,600	12600	8 4.4 1	0.11	736	0.86	019	0.00	0.02	0.00	004	5.5 8	0.01	1.29	0.07
34	T-12	С	3 3,1 5 0	12,300	78.35	0.12	11.09	0.87	0.13	0.00	0.04	0.01	0.47	5.5 2	0.02	274	0.17
35	T-13	С	33400	11,750	75.72	0.12	13.29	0.64	0.13	0.00	0.04	002	0.75	4.78	0.02	3.58	0.14
36	T-14	С	34,825	11.725	73.52	0.31	1 2,5 7	1,66	0.3 6	0.02	0.4 6	0.52	3.90	4.32	0.07	1.38	0.12
37	T-15	c	35,000	11,925	7418	0.19	12.92	1.56	0.49	0.01	043	0.38	2.79	4.81	0.03	1.91	0.13
38	T-16	С	35,075	11,700	73.41	0.21	1225	1.34	137	0.26	0.78	1.70	3.22	3.92	0.05	135	0.13
39	T -17	С	35,550	11,650	73,84	0.12	10.66	352	0.25	0.01	0.02	0.01	0.25	919	007	1.70	0.15
40	F - 1	A	20,250	7,950	76.18	0.10	1132	0.86	0.6 1	0.04	0.39	0.00	0.36	9.78	0.01	0.96	0.10
41	F-2	. A .	21000	8,300	7677	0.15	11.50	1.77	1.1 7	0.03	0.5 5	0.06	258	4.6 6	0.05	1.57	0.10
.42	F - 3	A	20,375	8,750	7842	013	1069	0.71	128	0.03	0.55	008	3.22	281	0.02	1.67	0.08
43	F-4	A	20.000	8800	8021	0.11	9,96	0.53	1.34	0.04	082	0.0 5	1.58	435	0.02	0.7.4	018
44	F-5	A	1 9,9 25	9,100	7297	0.1 4	13.36	1.10	0.30	0.02	0.27	0.01	0.25	9,38	0.03	2.14	0.19
45	F - 6	A	19,625	8,350	74.62	0.1 3	1284	183	049	0.01	087	003	1,97	3.55	0.01	290	0.20
46	F - 8	A	20,575	9,625	7891	0.16	10.63	1.09	0.49	0.0 1	0.25	002	0.1.1	6.7 5	0.03	146	0.13
47	F — 9	A	20.925	9,775	83.02	0.32	791	2.14	128	0.03	0.96	0.04	0.54	0.68	0.09	2.54	0.06
48	F-10	A	21,225	9,750	9081	0.12	3.9 1	2.02	0.36	001	0.38	0.01	0.07	0.96	0.05	1.73	0.03
49	W-50	D	23,125	16,425	7 8.6 3	0.0 5	1124	0.44	0.25	0.0 1	8 0.0	004	1.47	6.32	0.01	1.1.4	0.06
50	DE- 1	E	19,650	7,675	79.97	0,07	7.91	0.24	1.59	0.08	176	2.02	294	0.37	0.01	2.62	0.02
51	DE-6	E	19,650	7,700	7847	01.0	9.69	0.49	2.08	0.04	2,3 4	0.22	1.25	225	0.01	2.62	005
		- 22	nging Wal			٠. د											

A: Hanging Wall Dacite (Kdc₂) (La America-Descubridora Area)

B: Hanging Wall Dacite (Kdc₂) (El Rubi Area)

C: I-Stage Dacite (Tdc₁)

D: M-Stage Dacite and Others

E: Ore Horizon Pyroclastics (Koh)

F: Foot Wall Dacite (Kdc₁)

APX.4 Chemical Composition of Volcanic Rocks (2)

					. :		-						•	537				22
Má.	Sample	R, C	Coord	inate X	8101	TiO,	A02 O3	Fe ₁ O ₃	FeO	MnO	MgO	CaO	Na ₁ O	К1 О	P ₁ O ₅	LOI	BaO]
52	DE -12	E	19650	7.775	71.42	0.0 7	1166	004	2.26	013	088	8.21	0.82	117	0.02	388	0.21	ľ
53	DE -18	E	19,650	7,825	79.22	0.1 2	7.73	1.16	2.0 8	0.04	3.80	0.12	0.61	3.02	0.02	250	0.06	1
54	DE -24	Е	1 9,6 7 5	7,900	7968	8 00	1 0.9 7	1.34	1.17	0.03	2.37	0.11	0.50	1.94	0.01	1.50	0.04	
5 5	DE -30	E	19675	7.975	78.67	0.08	1 0.4 0	1.89	1.10	0.04	0.95	0.11	3.7 6	1.91	0.0 1	0.7 1	0.04	
58	AM 7	E	20250	8.575	7888	0.11	563	0.03	1.54	0.04	0.37	003	0.86	9.07	0.02	3.66	0.21	J
57	AM -11	E	20,325	8,7.00	7927	0.1 1	3.6 3	0.43	1.89	0.05	0.62	4.15	1.50	0.96	0.04	7.08	0.15	1
58	F -11	A	2 1.4 25	9,5 0 0	6856	0.58	1 4.8 9	0.99	2.88	0.08	1.66	0.53	6.7 0	0.9 5	0.22	1.6 4	0.04	1
59	F -12	A	20.250	9,125	76.21	0.15	10.13	0.36	2.64	0.04	3.04	1.10	140	1.50	0.0 3	2.76	0.07	
60	F -13	A	20325	9.4 2 5	7866	0.12	1120	0.50	0.63	0.02	0.41	028	3D 4	3.1 5	0.0 1	1,53	0.09]
61	F14	Α_	20,550	9.275	7 8.0 6	0.18	1 1.4 1	0.59	0.37	0.01	0.23	0.01	0.97	7.03	0.02	1,71	018	1
62	F -15	A	20,750	10,325	78.13	0.13	11.95	0.5 9	0.50	0.03	0.54	033	2.88	3,62	. 00.4	1.71	018	1
63	F -16	A	2 2.1 25	10,050	6881	0.33	1 4.7 3	1.24	1.88	0.14	1.10	1.29	5.0 7	3.27	0.0 9	220	0.11]
64	FF -17	Α_	19,775	8,550	8045	010	84 6	2.75	0.5 7	0.01	0.34	0.01	0.62	0.61	0.02	4.40	0.95]
65	DF18	A	1 9.8 5 0	7,650	7 4.3 3	014	1 3.5 1	1.02	1.51	0.02	1.39	0.11	3.39	2.60	0.01	226	0.21]
66	F -19	Α	20,600	8,9,75	81.60	0.16	10.51	0.23	0.31	0.01	0.13	0.04	0.97	4.77	0.0 1	1.99	0.21	1
67	F -20	A	20.700	8,825	7 1 4 4	0.19	1660	0.81	0.8 1	0.02	0.74	0.01	0.5 2	5.5 2	0.01	2.89	0.06	Ī
68	F -21	A	20,075	8,250	7661	028	1238	067	1.00	0.02	0.96	0.08	3.90	1.59	00.4	2.09	0.04	1
69	F -22	A	19.775	8,750	73.28	0.34	11.92	1.63	1.70	0.07	1.25	122	242	2.7 5	0.06	2.60	0.09	1
70	F -23	Λ	20,525	9,025	6746	0.16	1844	1.26	0.13	0.01	0.1 1	0.1.1	7.17	0.4 3	0.0 1	421	0.01	1
71	л −36	С	3 4,0 5 0	16,450	7 2 3 3	0.15	15.32	0.90	0.3 7	0.02	0.47	0.13	1.7 5	4.6 3	0.02	4.08	0.14	1.
.72	A -37	C	33800	16,125	7939	0.12	9.6 9	1.23	0.26	0.01	0.20	021	1.48	5.64	0.0 2	1.5 7	0.13	1
73	A -41	С	32150	15,425	6 9,8 7	0.61	1 4.9 5	3.17	0.37	0.02	1.15	0.31	3.3 1	217	015	3,95	0.04	1
74	A -44	С	27,200	1 6,97 5	75.54	0.23	1 1.5 3	1.32	0.26	0.05	0.13	026	300	639	0.05	0.96	0.13	1
75	MR -34	В	29.050	3,925	77.08	0.28	9.1 2	026	3.51	0.04	4.70	0.7 5	1.0 5	0.75	0.0 5	2.9 3	0.04	1
76	A -48	D	28975	17,575	7655	0.26	1 20 8	1.33	0.31	0.01	010	0.14	4.0 5	344	0.04	1.66	0.1.1	1
77	A -17	D	28,675	6,150	9763	0.0,6	1.4 5	0.17	0.31	0.00	0.08	0.02	0.08	0.20	0.01	0.41	0.01	1
78	W -44	С	3 2,7 00	12,000	79.14	9.08	1 1.58	0.24	0.26	0.00	0.41	010	2.88	338	0.02	1.48	0.17	1
79	A49	Е	1 9.7 5 0	7,9 2 5	7339	010	11.38	127	1.31	0.03	087	141	6.00	023	0.0 2	2.76	110	t
80	DL - 5	С	17,425	22,500	7858	0.11	1 1.22	0.5 7	0.50	0.04	0.15	042	3.82	3.67	0.02	0.60	0.15	1
81	A -52	Е	19,100	8000	8046	011	1030	1.33	0.26	0.01	0.18	0.04	4.05	1.50	0.0 1	1.36	0.09	t
82	DL-3	c	19,025	22,675	8 5.9 0	032	5.84	1.37	0.31	0.08	0.55	013	0.62	3.5 3	0.04	1.08	0.12	1
83	W -45	C	32125	12,150	8077	023	1088	1.17	0.31	0.01	027	023	4.37	1.5 3	0,04	1.09	0.07	1
84	W -61	A	19825	9,475	8645	0.20	5.3 6	1.56	138	0.04	1.75	0.18	0.51	0.64	0.03	219	0.30	1
85	DL-1	С	1 9,7 0 0	22,950	7858	012.	11.00	0.90	0.19	0.03	0.16	0.21	320	434	0.01	0.93	019	1
86	L -856	D	23,850	18,000	74.03	0.52	12.83	190	0.31	0.02	0.14	0.30	4.0 5	5.0 3	0.10	1.38	0.13	1
87	W -64	A	20,900	10,125	76.14	0.17	1217	224	1.00	0.03	0.76	0.03	0.47	359	0.02	3.14	0.06	1
88	MLJ-4	c	19,750	24,025	77.76	0.60	8.31	216	0.37	0.0 1	0.14	0.14	1,05	6.48	0.20	2.06	0.09	1
89	A51	E	19275			0.05	5.1 6	0.54	0.37	0.02	047	0.32	012	1.50	0.01	1.76	015	1
90	W -26	В	30.700	3,275	80.06	0.1 2	9.78	021	126	0.02	0.87	01 9	1.29	6.4 5	0.02	0.64	0.08	1
91	w -27	В	30575	3,700	7627	010	1186	0.50	1.4.4	0.02	048	050	3.7 4	3.88	001	0.81	0.21	l
92	W -28	В	30,500	3,925	7723	006	1132	0.66	0.57	0.02	037	0.09	2.88	5.23	0.0 1	0.70	0.13	1
93	W -25	В	30,700	3,050	8048	0.08	1083	0.60	0.50	0.02	0.50	1.02	429	142	0.01	0.83	0.07	ĺ
94	W -51	F	20,275	8.725	82.01	0.1 0	8.8.5	1.3 2	0.87	0.03	054	0.1 1	281	1.7 9	0.02	1.27	0.07	1
9.5	W -52	Α	20325	8,550	8296	0.07	7.77	1.32	0.63	0.01	0.31	003	0.66	457	0.02	124	0.13	1
96	W -53		20,100	8,575	9411	0.08	2.27	1.84	0.31	0.00	0.14	0.03	0.23	0.52	0.01	0.97	0.02	ľ
97	W54	A	20,225	8,450	7 5.8 1	0.11	1287	0.9 3	044	0.01	0.25	0.02	0.70	5.99	0.01	296	0.14	1
98	W -56	E	19,575	7,950	81.23	0.1 1	1002	051	0.37	0.01	0.15	0.02	359	2.11	0.0 2	1.09	0.12	1
99	W -58	E	20.075	8,800	85.55	0.11	781	0.53	0.63	0.02	0.33	0.6 6	1.72	1.82	0.0 1	1.12	0.09	1
100	W -59	E	19,950	8,225	7358	0.11	1 12 2	25 4	188	0.02	1.01	0.28	249	4.7 4	0.03	1.3 6	0.09	ŀ
101	W -60	Α	20,000	9,150	78.54	0.1 1	10.69	0.46	0.26	0.00	0.07	0.20	0.70	7.06	0.03	1.3 2	0.03	1
J		F		<u> </u>		0.08		5.76	0.50	0.01	0.80	0.01	0.62	1.65	0.0 1	4.52		١.
102	F -24		29,250	5,100	80.20	8 0.0	5.7 8	0.70	0.00	7.0.7	0.00	0.01	0.04	1.00	0.0 1	1,04	018	J

APX. 5 Microscopic Observation of Ore Polished Sections (1)

	Kemarks	Sphalerite-chalcopyrite -galena ore	Pyrite ore with sphalerite and galena	(e?)	Pyrite ore	Sphalerite-chalcopyrite -Galena ore	Pyrite-Barite ore	Pyrite-sphalerite-galena ore with chalcopyrite	Pyrite ore with sphalerite	Laminated Pyrite-sphalerite ore	Pyrite-sphalerite ore	Pyrite-sphalerite ore	Sphalerite-galena- tetrahedrite-pyrite ore	with chalcopyrite Pyrite-sphalerite-	chalcopyrite ore Pyrite-sphalerite ore	Pyrite-sphalerite ore	Pyrite-sphalerite ore
	Se	S (Eri o	EL O	о О	- CO [D.	. д. О	<u>μ</u>	н 0	μ.	1 14		щ	ОЩ		
Sa	Сħ																
Gangues	QZ		с.O	0	0	0	0					0					
Ga			_					:			_						
	Ва					0	0										
	ΡI											¢●					
	St Ma							· 							<u> </u>		
l w	_															C	
ral	Arp		·				. 1			• ,							
minerals	Tet Arp									•	•		0				•
Ore 1			•	•	ļ ₋									•	•		
0	Py .	0	0	0	0	•	0	©	0	7.7 ©	0	0	0	0	0	· (O)	0
	СD	0	0	•		0		0	•	•		•	0	•	•		•
	СD	0	. •			0		0		•	•	•	•	0	•	•	•
	Sph	0	0	•		0		0	0	0	0	0	0	0	0	0	0
nate	X	5,050	5,050	8,375	8,125	5,050	5,050	5,450	7,700	8,700	8,675	8,625	8,575	8,625	8,300	8,750	8,625
Coordinate	Ÿ	29,325	29,325	19,650	19,650	29,325	29,325	20,000	19,925	20,275	20,250	20,250	20,200	20,250	20,050	19,750	20,250
Sample	No.	0-1	0-2	0-3	0-4	0-5	9-0	2-0	8-0	0-10	0-11	0-12	0-13	0-14	0-15	0-16	0-17
Mineralized	Zone	El Rubi	11	ŧ.	La Eliza	El Rubi	u	# ·	Monte Cristo	La America	**	11	u	=	Hueso	Atalaya	La America
		,	2	æ	4	5	9	7	8	.6	10	11	12	13	14	15	16

APX. 5 Microscopic Observation of Ore Polished Sections (2)

Gangues Remarks	Ba Ca Oz Ch Se	Pyrite ore	Pyrite-sphalerite ore	O Pyrite disseminated andesite	<pre> O O Pyrite-sphalerite disseminated andesite </pre>	○ ○ ○ Sphalerite-chalcopyrite-
	Sph Cp Gn Py Bo Tet Arp St Ma Id Ba		• ©	0	••	• 0 0
Coordinate	S X X	28,775 5,625	,700 8,025	14,375 15,475	29,400 3,775 0	W-33 ¹⁾ 26,125 3,500 ©
Sample (No.	0-19 28	0-20 19		M-9 29	W-33 ¹⁾ 26
Mineralized	Zone	Fl Rubi (Ocotitlan)	Descubridora 0-20 19,700 8,025 ©	19 Monte Grande L-3	20 El Rubi-W	21 Plomosas
		17	18	19	20	21

Abbreviation

Sph: Sphalerite Cp: Chalcopyrite Gn: Galena Py: Pyrite Arp: Arsenopyrite St: Stannite Ma: Marcasite Id: Idaite Qz: Quartz Chlorite Se: Sericite

Tet: Tetrahedrite

Bo: Bornite Ba: Barite

1) Xenothermal type vein ore, because of co-existing of sphalerite star in chalcopyrite and primary marcasitepyrite paragenesis

APX. 6 Microphotographs of Ore Polished Sections

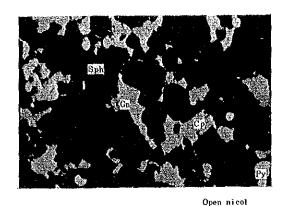
Abbreviation

Sph : Sphalerite
Cp : Chalcopyrite

Gn : GalenaPy : PyriteBo : Bornite

Tet : Tetrahedrite

Ba : Barite



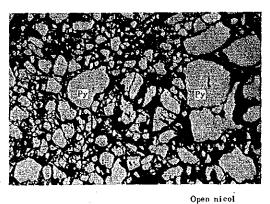
Sample No. : O - 1 Location : El Rubí

Cl Rubí

Remarks : Sphalorite-chalcopyrite-galena ore

Equigranular-like sphalerite rich massive sulphide ore. The chalcopyrite disease

has not been observed.

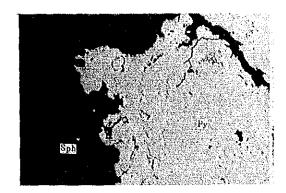


Sample No. : 0 = 3

Location : El Rubí Remarks : Pyrite ore

: A clastic mixture of pyrite fragments.

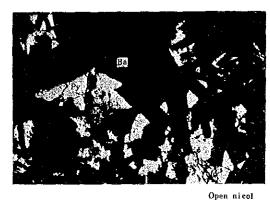
2 nm,



| Open nicol | Sample No. : O = 2 | 1 mm | | Location | : Et Rubí

Remarks : Pyrite ore with sphalerite and galena

Intergrowth of pyrite and sphalerite.

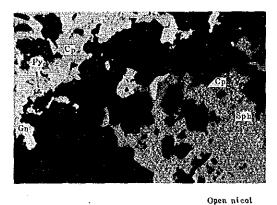


Sample No.: O-6
Location : El Rubí

Remarks : Pyrite-barite ore

Intimate intergrowth of pyrite and barite.

_2 mm,



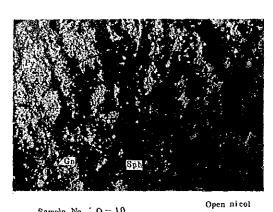
Sample No. : O - 7
Location : El Rubí

Remarks : Pyrite-sphalerite-galena ore with

chal copyrite

Chalcopyrite emulsion in sphalerite.

1 100



Sample No.: O-10

Location : La America

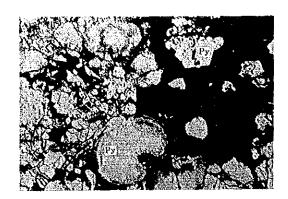
Open nico

2 mm

Remarks : Laminated pyrite -- sphalerite ore

Mineral banding by colloform pyrites

and sphalerites.



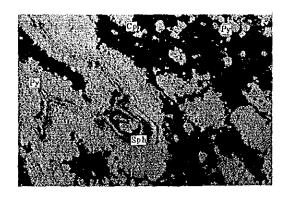
Sample No.: 0-11

Open nicol

Location : La America

Remarks : Pyrite - Sphalerite ore

Colloform and enhedral cubic pyrites.



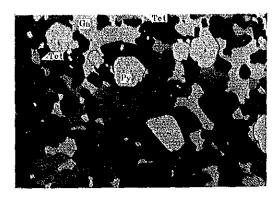
Sample No. : 0-12

Open nicol

Location : La America

Remarks : Pyrite-sphalerite ore

Colloform intergrowth of pyrite and sphalerite,



Sample No.: 0-13

Open nicol

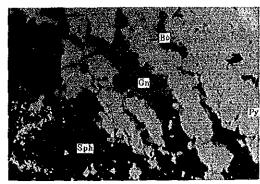
Location : La America

Remarks : Sphalarite - galena - tetrahedrite -

pyrite ore with chalcopyrite

A typical massive sulphide ore composed of sphalerite, galens, tetrahedrite,

pyrite and chalcopyrite.



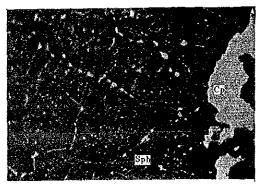
Sample No.: 0 - 20

Open nicol

Location : Descubridora

Remarks : Pyrite - sphalerite ore

Photomicrograph shows paragenesis of pyrite, sphalerite, galena and bornite.



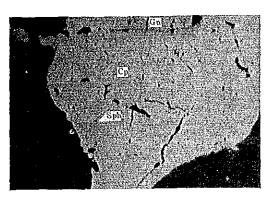
Sample No.: M = 9

Open nicol

Location : El Rubi-W

Remarks : Sphalerite-chalcopyrite ore

Chalcopyrite emulsion in sphalerite.



Sample No.: W-33

Open nicol

Location : Plomosas

Remarks : Sphalerite - chalcopyrite - galena ore

Sphalerite star in chalcopyrite.

Apx. 7 Chemical Analysis of Ore Samples

	Mineralized Zone		Coord	inate		Ana	lytical Ros	ulta		Pamarka							
	Alinera tized Zone	Sample Aá	Y	х	Au(9/t)	Ag (9/t)	Cu(%)	Рь(%)	Zn (16)	Romarks							
1	El Rubi	0- 1	5,050	29,325	0.3	134	1,78	4.70	29.57	Massive kuroko							
_ 2	El Rubi	. 2	5,050	29,325	2.4	574	0.17	0.30	0.5 9	Siliceous ore							
3	Trinidad	# 3	8,375	19,650	0.7	87	0.12	0.39	- 1.1 1	Py dissemination in acidic fine tuff							
4	La Eliza	, 4	8152	19,650	02	. 6	0,05	90.0	026	Py disseminated siliceous ore							
5	El Rubi	* 5	5,050	29325	02	106	1.58	3.5 5	21.35	Massive kuroko							
6	El Rubi	, 6	5,050	29325	0.2	25	0.07	0.09	0.2 6	Siliceous ore							
7	Virgeneita de Fatima	* 7	5,450	20.000	0.1	272	1.6 5	9.83	5.94	Sph-Gn-Cp vein in andesite							
8	Monte Cristo	- 8	7,700	19,925	0.4	102	0.1 7	0.38	0.8 5	Py dissemination in shale							
9	Descubridora	, 9	8,025	19.700	0.1	71	0.07	020	0.6 5	Fine Py dissemination in addicified breccia							
10	La America	* 10	8,700	20275	0.7	1,014	0.3 2	3.95	23.89	Massive, compact fine Py-Sph ore							
11	La America	* 11	8,737	20,293	0.3	188	0.14	0.86	2.0 2	Massive, fine Py ore							
12	La America	.12	8,715	20.286	0.7	244	0.20	147	1 0.7 7	Massive, fine Py ore							
13	La America	13	8,672	20,256	128	3,799	1.20	24.39	34.08	Massive, compact Sph-Gn ore							
14	La America	. 14	3,6 2 5	20250	2.1	230	0.1 7	0.58	2.64	Py-Sph dissemination in silicified rock							
15	Hueso	15	8,300	20,050	0.8	276	0.3 6	0.73	2.0 6	Crushed Py ore							
16	Atalayita	16	8,750	19,750	0.8	256	0.18	1.69	5.88	Fine Py-Sph diasemination in silicified shale							
17	La America	. 17	8,6 2 5	20.250	0.4	297	0.17	1.26	11.10	Fine Py ore							
18	Concha	# 18	8825	20700	86.7	7,482	0.07	3.5 5	0.20	Loose Gn(?) mix ore wide 20cm							
19	El Rubi	, 19	5,625	28,775	0.6	122	0.18	0.38	2.42	Py met in rock							
20	Descubridora	20	8,025	19700	0.3	90	0.1 6	0.44	3.3 7	Fine Py-Sph dissemination in acidic fine tuff							
21	Larenzo	21	1 2,3 0 0	15,125	2.6	189	0.06	0.0 2	0.04	Qz veinlet in neidle lapilli tuff							
22	Descubridora	22	7,750	19,575	1.2	322	0.16	0.20	026	Fine Py ore							
23	Ls America	FF-17	8550	19,775	0.8	374	0.22	0.80	2.5 4	Py-Sph veln in hanging wall decite							
24	Monte Grande	G- 24	1 3,5 5 0	14,250	Tr	1	0.01	0.01	0.02	Py dissemination in andesite							
25	Monte Grande	# 37	12,125	15375	Tr	2	0.0 2	0.01	0.04	Py dissemination in andesite							
26	Monte Grande	L 1	15,350	14,750	0.1	2	0.03	Tr	Tr	Py dissemination in andesite intrusive							
27	Monte Grande	3	15475	14,375	Tr	1	0.02	Tr	0.03	Py dissemination in andesite intrusive							
28	El Rubi	м 9	3,775	29,400	0.2	19	0.09	0.05	0,3 3	Py-Sph dissemination in hanging wall dacite							
29	La Provídencia	MR-42	17,075	9,350	4.0	18	0.01	0.23	0.01	Qz vein							
30	La Providencia	× 43	17,150	9425	0.1	4,	0.02	0.07	0.0 1	Qz vein							
31	Cerro Cuesta de Heron	* 47	18,675	11,100	Tī	1	0.01	0.01	0.0 2	Limonite mixed Qz vein							
32	Cerro Caplineillo	MLJ-3	23,975	19,750	T,r	4	0.03	0.01	0.01	Py dissemination in silicense rock							
33	Piomosas	W - 33	3,5 0 0	26,125	0.2	28	0.1 5	0.1 5	31.90	Coarse Sph and calcite ore							

APX.8 Analytical Results of X-ray Powder Diffra tometry(1)

		13 : Quertz Index(Q1)		Q1 # 1 × 1 00	ĭ	Im : the strongest	x-ray intensity of	a mineral		Ig : the strongest	x-rsy intensity of	pure quartz			-																			
Sulfides	Py Sph Gn														11																			
Carbonates	Cs Dol															5	8																	
Clay Minerals	Ch Se	2			8	H			z,	1	2				e2	2	3 1	3 2	3 2	9	1 T.	1 1		1 1.	2 1	1 4	2	2	1	2	m,	3 1	2	. 2
Silicate Minerals	Pl Ab Kt	5		4 8	80	4	3 .8	20 7	20	4 4		13	10 . 5	17	3			4	3	3	22	10	10	12 8	5 4	10		9	4		23	4	12 5	æ
Silica Mineral	Q z	46	95	46	23	31	46	30	28	52	7.2	45	43	43	18	56	34	38	21	49	35	37	33	34	37	31	63	44	44	72	15	44	39	39
nate	×	7,925	6,150	3,600	4,925	16450	16,125	17,575	7,925	8,025	7,825	8,000	8,750	8,550	8,575	8.625	8,700	7,675	7,750	7,825	7,850	7,975	7,950	8.300	8,800	9,1 00	8,350	9,625	9,775	9,750	9,500	9,125	9,425	9,275
Coordinate	Y	30,075	28,675	30.150	28,625	34,050	33,800	2 8,9 75	19,750	19,625	19,275	19,100	32,100	3 22 7 5	20,200	20275	20,325	19,650	19,650	19,650	19,650	19,675	20,250	21,000	20,000	19,925	19,625	20,575	20,925	21.225	21,425	20,250	20,325	20,550
×	U	Kd ca	"		J.	Tde1	#	u	Кой	"	u u	H	Gph		Кор	"	8	,,	. "	"	*	t,	Kdes	,	"	"	"	*	*	"	*	11	"	"
70.00	0 TO 1 TO 1	Dacite	Silicitied	Dacite	#	Daeite	"	, , , ,	Dacitic. Line	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	п	B	Granophyra	"	Dacitic lapilli tuff	Dacitic	"	Dacitic fine tuff	"	#	#	# .	Dacite	#		"	H.	II	u	JJ	N.	#	#	,,
Sample	A.	A - 1	A -17	A -26	A -32	A - 36	A -37	A -48	A-49	A -50	A -51	A -52	A -64	v -65	A.M. 5	AM-8	AM-11	DE-1	DE-10	DE-18	DE-20	DE-30	F - 1	F - 2	F - 4	요 - 요	F - 6	80 - -	ф 1	F -10	F -11	F-12	F -13	F -14
		m	~	ო	7	S	9	2	∞	6	10	13	12	7.3	14	1.5	16	17	28	19	20	77	63	23	27	25	26	27	28	63	30	31	32	33

Ca : Calcite, Dol : Dolomite, Py : Pyrite, Sph : Sphalerite, Gn : Galena, R.C : Rock Code Abbreviations Qz: Quartz, Pl: Plagioclase, Ab: Albite, Kf: K-foldspar, Ch: Chlorite, Sc: Sericite

APX. 8 Analytical Results of X-ray Powder Diffractometry (2)

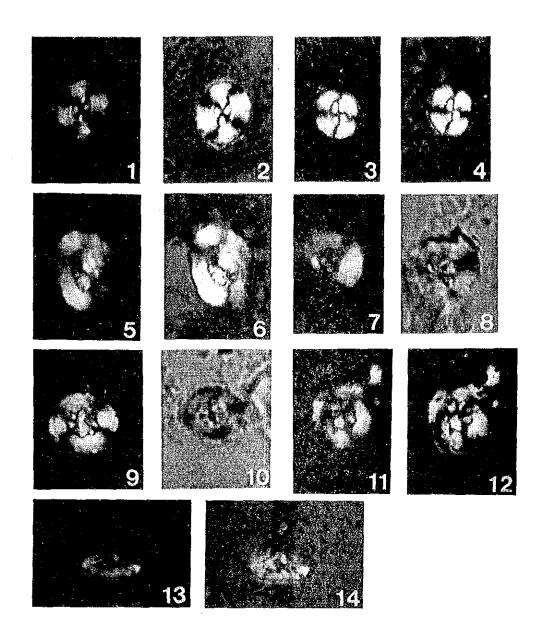
N 740 D	8.	Coordinate	nate	Silles Mineral.	licate	Clay Mineral	Carbonates	Sulfides
O		¥	х	z.Or	Pl Ab K2	Ch Se	Ca Dol	Py Sph Ga
Kdcz		20,750	10,325	35	10	1		
•		22,125	10,050	21	30	3 2		
18: 1		19,775	8,550	34	4	2		
*		20,700	8.825	41		9		
#		20,02	8,250	32	39	1 2		
**		19,775	8,750	39	9	2 2		
*		20,525	9,0.25	VO.	34	4		
Kdeı	1	29.250	5,100	48		2		10
Tads	-	15375	12125	16	13	1		
A d 2	\Box	14,375	15,475	1	13	3 5		
Tade		23,850	18,000	23	16 8			
K do 1	1	29275	5,650	52	22	-		
Kdes	1	29,350	6,025	43	13			
-		29.450	6,775	9,9	24			
Kde 1	-	29,150	4,900	19		1 4		
8		29,425	4,925	41	7 01	-		
Хđ	Kdca	30,125	7.775	0.9	1.5	8		
		29,700	4,450	19	4			
	8	29900	3,850	48	8 2			
L	,	30275	2,925	18	9			
	*	29,500	2,875	35	4 10		-	
_		29,300	3,725	34	10 .7			
H	Tdeı	19,750	23,975	18	٦	7		
		19,750	24,025	26	12			
꽃	Kdea	29,050	3925	44	3	4		
Ĺ	81	19.650	8,125	20		*		9
Kdc2		20,700	8,825	30		က		
Tdes	80	33,625	14,850	44	2 .7			
Ľ.	"	33,275	14,550	33	13 8			
	,	33,850	14,700	41	4 4			
	В	33,925	14,375	33	6 8			
		34,275	14,550		12 9			
ũ	Tacı	33,425	12,725	9.4		. 3	-	

Abbreviations Qr. Quartz, Pl. Plagloclase, Ab. Albite, Kf. K-feldepar, Ch. Chlorite, So. Sericite Ca. Calcite, Dol. Dolomite, Py. Pyrite, Sph. Sphalorite, Gr. Galona, R.C. Rock Code

APX. 8 Analytical Results of X-ray Powder Diffractometry (3)

				بسنم		·	т—	_		٠			· · · · ·				τ								T
Sulfides	Py Sph Gn										2	30													
Carbonates	Cs Dol				8 2				က		5	20													
Clay Minerals	Ch Se	2	3.		2	1 1	1		6	5 3	2 4	5				H	ĭ	-	8				1 5.	11	9
Silicate Minerals	Pl Ab Kf	4 8	14 7	82	3		14	6 6	18	6			15 6	22	12		6	9		6 4	4 4	12 6	6		4
Silica Mineral	Qz	49	26	29	8	23	40	35		11	29	16	44	51	44	74	43	51	58	20	12	54	82	37	43
nate	×	11,750	11,700	11,650	1,550	2,425	3,050	3,925	2,500	3,500	3,500	3,500	12,000	12,150	8,725	8,575	8,450	8,800	9,475	3,000	3,450	19,550	14,925	15,500	٥
Coordinate	Y	33/400	35,075	35,550	26,325	29,525	30,700	30,500	25,100	26,125	26.125	26,125	32,700	32,125	20,275	20,100	20.225	20,075	19,825	37,000	33,975	10,700	15,450	15,425	10.700
æ.	υ	Tde1	"	"		Tadı	Kdc2	"	Tadı				Tde1	"	Kder	Kdes	"	Koh	Kdes	Tad	"	#	Tad2	Ad	ŭ
Rock Name	2000	Dacite	"	#	Calcargous green schist		Dacite	,,	Altered Andesite	Altered basic tuff		Sph+gangue	Dacite	"	"	#	"	Dacitic		Andosite	"	, ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	"	W-128 Altered Dacite dike
Sample	W.	T-13	T-16	T-17	W-5	W-23	W-25	W-28	W-29	W-31	W-32	. w-33	W-44	W-45	W-51	W-53	W-54	W-58	W-61	W~94	96-W	W-105	W-110	W-111	W-128
¥		6.7	6.8	69	70	17	7.2	23	4	7.5	16	7.7	50	4	80	81	82	83	84	85	86	87	80	89	9.6

Abbreviations Q2:Quartz, Pl:Plagioclase, Ab:Albite, Kf:K-feldspar, Ch:Chlorite, Se:Soricite Co:Ca:Caleite, Dol:Dolomite, Py:Pyrite, Sph:Sphalerite, Gn:Galena, R.C:Rock Code



Explanation of Plate

Transmitted light micrographs of the Upper Cretaceous nannoplankton from Talpa de Allende, Mexico. Sample number, G-13. Magnification are the same for all figures and the scale bar in figure indicates 10 microns (X3400).

Photos. 1 - 4. Watznaueria barnesae (Black) Perch-Nielsen

Photos. 5 and 6. Cretarhabdus erenulatus (Bramlette and Martini) Thierstein

Photos. 7 and 8. Arkhangelskiella ef. parca Stradner

Photos. 9 - 12. Cretarhabdus erenulatus (Bramlette and Martini) Thierstin

Photos. 13 and 14. Zygodiscus elegans Gartner

10. Measured Data Lists

Tx Bipole No. 1

	Current	I (A).	0.6	14.0	1.7.0	1 7.0	1 7.0	1.7.0	1 7.0	1 7.0	1 7.0	1 7.0			Current	· I (A)	8.0	14.0	1 7.0	1 7.0	1 7.0	1 7.0	1 7.0	1 7.0	1.7.0	1 7.0
	Corrected e Difference	PD-C(deg)	28.2	31.0	3 4.4	41.7	3.7.6	21.3	2 0.8	32.4	53.3	82.7		Tx Bipole No. 1	cted	PD-C(deg)	37.7	3 5.6	38.7	4 0.1	4 0.9	32.5	285	4 3.0	34.3	3 0.9
	Correct Phase Dif	PD-C(rad)	0.4.9	0.5 4	0.60	0.7 3	0.66	0.37	0.3 6	0.57	0.93	1.44		11/8 T	Corrected Phase Difference	PD-C(rad)	0.66	0.62	0.67	0.7.0	0.71	0.57	0.50	0.75	0.60	0.54
, .	Phase Difference	PD(rad)	-2.649	-2.601	3.742	3.869	3.798	3514	3.504	3.707	-2211	-1.699		Date 1984/ 1	Phase Difference	PD(rad)	0.659	0.621	0,958	0.700	0.714	0.566	0.497	0.750	0,599	0.539
	Apparent Resistivity	ρa(Ω-m)	335	416	516	909	412	607	1262	2311	3621	4956			Apparent Resistivity	pa(Q-m)	134	163	201	229	225	231	341	470	536	578
	Magnetic Field	(<i>t</i>) H	0.3137 E-3	0.7285 E-3	0.1420 E-2	0.2913 E-2	0.1857 E-2	0.1046 E-1	0.2309 E-1	.0.2286 E-1	0.1927 E-1	0.1643 E-1			Magnetic Field	H (7)	0.2303 E-3	0.9170 E±0	0.2352 E-2	0.4092 E-2	0.6307 E-2	0.6673 E-2	0.1688 E-1	0.1917 E-1	0.1835 E-1	0.1704 E-1
	Electric Field	E (mV/km)	0.3817 五土0	0.1064 E+1	0.1631 E+1	0.2567 E+1	0.4188 E+1	0.4608 E+1	0.1038 E+2	0.9829 E+1	0.7336 E+1	0.5171 E+1		Station No. 2	Electric Field	E(mV/km)	0.3775 医土0	0.1179 E+1	0.2261 E+1	0.2927 E+1	0.3080 E+1	0.2157 E+1	0.4807 E+1	0.5097 E+1	0.4285 E+1	0.3260 E+1
	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	1.6	8	ŧ.	٠.	Stat	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4
		No.	14	13	12	11	10	6	8	7	9	3.		:		No.	14	13	12	11	10	6	8	2	9	2

*** Measured Data List ***

	Current	I (A)	9.0	1.4.0	1 7.0	1 7.0	1 7.0	1 7.0	1.7.0	1 7.0	1 7.0	1.7.0		Current	(A) I	0.6	14.0	1 7.0	17.0	1 7.0	17.0	1 7.0	17.0	17.0	1 7.0
Tx Bipole No. 1	ted ference	PD-C(deg)	34.6	32.6	2 6.8	24.2	14.6	2 2.7	43.9	-71.3	7 4.9	-7.1.0	Tx Bipole No. 1	cted	PD-C(deg)	29.0	3.2.9	31.9	31.5	3 0.3	17.6	17.0	24.3	3 3.8	42.4
	Corrected Phase Difference	PD-C(rad)	0.6.0	0.57	0.47	0.42	0.26	0.40	0.7 7	- 1.24	1.31	- 1.2 4		Corrected Phase Difference	PD-C(rad)	0.51	0.57	0.56	0.55	0.53	0.31	0.30	0.42	0.59	0.74
Date 1984/ 11/8	Phase Difference	PD(rad)	0.604	0.570	0.468	9029	0.2 5 6	0.396	0.766	1.898	1.308	1.902	Date 1984/ 11/	Phase Difference	PD(rad)	9.050	0.574	0.557	0.549	6.811	0.308	0.296	0.424	0.589	0.7.4.0
	Apparent Resistivity	(U-U) ed	100	96	110	140	163	311	726	1429	2568	4986		Apparent Resistivity	ρa(Ω-m)	177	213	266	336	326	487	961	1615	2129	2095
	Magnetic Field	H (7)	0.3 0 9 2 E-3	0.1545 E-2	0.4593 E-2	0.8998 E-2	0.1618 E-1	0.1795 E-1	0.4125 8-1	0.4317 E-1	0.3958 E-1	0.3542 E-1		Magnetic Field	H (7)	0.1054 E-3	0.3.28.5 E-3	0.7.239 E-3	0.1589 E-2	0.3963 E-2	0.5652 E-2	0.1443 E-1	0.1580 B-1	0.1476 E-1	0.1399 E-1
Station No. 3	Electric Field	E (mV/km)	0.3158 E±0	0.1210 E+1	0.2814 E+1	0.4 1 9 9 E+1	0.6974 E+1	0.8934 E+1	0.2129 E+2	0.2129 E+2	0.1712 E+2	0.1234 E+2	Station No. 4	Electric Field	E(mV/km)	0.1392 正土0	0.3429 E±0	0.5978 E±0	0.1042 E+1	0.181: E+1	0.2231 E+1	0.5656 医十1	0.5681 E+1	0.4306 E+1	0.2864 E+1
Stat	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4	Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4
		No	14	13	12.	11	10	6	8	7	9	Ċ			No.	14	13	12	11	10	თ	∞	7	9	2

Station No. 5

Date 1984/12/15

Tx Bipole No. 2

f (Hz) E (MV/km) H (f) pa(Ω-m) PD(rad) PD(rad) <th< th=""><th></th><th>Frequency</th><th>Electric Field</th><th>Magnetic Field</th><th>Apparent Resistivity</th><th>Phase Difference</th><th>Corrected Phase Difference</th><th>Corrected e Difference</th><th>Current</th></th<>		Frequency	Electric Field	Magnetic Field	Apparent Resistivity	Phase Difference	Corrected Phase Difference	Corrected e Difference	Current
2048 0.2559 E+2 0.8840 E-2 1947 -0.209 -0.21 -12D 1024 0.9042 E±0 0.1056 E-2 755 0.438 0.44 25.1 512 0.3800 E+1 0.2657 E+2 529 6.696 0.41 25.6 256 0.4491 E+1 0.4430 E-2 556 6404 0.12 6.9 128 0.2076 E+2 0.1298 E-1 1849 6.282 -0.00 -0.1 64 0.2574 E+2 0.1484 E-1 4039 0.138 0.14 7.9 16 0.4962 E+2 0.3089 E-1 6319 0.261 0.266. 14.9 8 0.4216 E+2 0.2074 E-1 11780 0.342 0.34 19.3 4 0.3628 E+2 0.2204 E-1 15284 0.231 0.23 13.2	No.	f (Hz)	E(mV/km)	H (7)	ρa (Ω-m)	PD(rad)	PD-C(rad)	<u> </u>	I (A)
1024 0.9042 B±0 0.1056 E-2 755 0.438 0.44 251 512 0.3800 E+1 0.2657 E-2 529 6696 0.41 256 256 0.4491 E+1 0.4430 E-2 556 6404 0.12 6.9 128 0.2076 E+2 0.1298 E-1 1849 6.282 -0.00 -0.1 64 0.2574 E+2 0.1484 E-1 4039 0.138 0.14 7.9 32 0.5261 E+2 0.3089 E-1 6319 0.261 0.266 14.9 16 0.4962 E+2 0.2971 E-1 8975 0.338 0.34 19.3 8 0.4216 E+2 0.2606 E-1 1.780 0.342 0.34 19.3 4 0.3628 E+2 0.2204 E-1 1.5284 0.231 0.231 0.231	14	2048		0.8840 E-2	1947	- 0.209	-0.2.1	-120	5.5
512 0.3800 E+1 0.2657 E-2 529 6.696 0.41 236 256 0.4491 E+1 0.4430 E-2 556 6.404 0.12 6.9 128 0.2076 E+2 0.1298 E-1 1849 6.282 -0.00 -0.1 6.9 64 0.2074 E+2 0.1484 E-1 4039 0.138 0.14 7.9 32 0.5261 E+2 0.3089 E-1 6319 0.261 0.26 14.9 19.3 16 0.4962 E+2 0.2971 E-1 11780 0.342 0.34 19.6 8 0.4216 E+2 0.2606 E-1 11780 0.342 0.34 19.6 4 0.3628 E+2 0.2204 E-1 15284 0.231 0.23 13.2	13	1024	0.9042 E±0	0.1056 E-2	755	0.438	0.4.4	25.1	10.0
04491 B+1 0.4430 E-2 556 6404 0.12 6.9 02076 B+2 0.1298 B-1 1849 6.282 -0.00 - 0.1 02574 B+2 0.1484 B-1 4039 0.138 0.14 7.9 05261 B+2 0.3089 B-1 6319 0.261 0.26 14.9 04962 B+2 0.2971 B-1 11780 0.342 0.34 19.6 0.4216 B+2 0.2606 B-1 15284 0.231 0.23 13.2	12	512	0.3800 E+1	0.2657 E-2	625	9699	0.41	23.6	13.0
128 0.2076 E+2 0.1298 E-1 1849 6.282 -0.00 -0.1 64 0.2574 E+2 0.1484 E-1 4039 0.138 0.14 79 32 0.5261 E+2 0.3089 E-1 6319 0.261 0.26 · 149 16 0.4962 E+2 0.2971 E-1 8975 0.338 0.34 193 8 0.4216 E+2 0.2606 E-1 11780 0.342 0.34 196 4 0.3628 E+2 0.2204 E-1 15284 0.231 0.23 13.2		256		0.4430 E-2	925	6404	0.12	6.9	13.0
64 0.2574 E+2 0.1484 E-1 4039 0.138 0.14 7.9 32 0.5261 E+2 0.3089 E-1 6319 0.261 0.26 / 149 149 16 0.4962 E+2 0.2971 E-1 8975 0.338 0.34 19.3 8 0.4216 E+2 0.2606 E-1 11780 0.342 0.34 19.6 4 0.3628 E+2 0.2204 E-1 15284 0.231 0.23 13.2	_	128	!	0.1298 E-1	1849	6.282	- 0.00	- 0.1	1 3.0
32 0.5261 E+2 0.3089 E-1 6319 0.261 0.26 149 16 0.4962 E+2 0.2971 E-1 8975 0.338 0.34 19.3 8 0.4216 E+2 0.2606 E-1 11780 0.342 0.34 19.6 4 0.3628 E+2 0.2204 E-1 15284 0.231 0.23 13.2		6.4		0.1484 E-1	4039	0.138	0.14	6.7	13.0
16 0.4962 E+2 0.2971 E-1 8975 0.338 0.34 193 8 0.4216 E+2 0.2606 E-1 11780 0.342 0.34 196 4 0.3628 E+2 0.2204 E-1 15284 0.231 0.23 13.2		32.		0.3089 E-1	6319	0.261	0.26	1 4.9	1 3.0
8 0.4216 E+2 0.2606 E-1 11780 0.342 0.34 19.6 4 0.3628 E+2 0.2204 E-1 15284 0.231 0.23 13.2	~~	16	70	0.2971 E-1	8975	0.338	0.34	1 9.3	1 3.0
4 0.3628 E+2 0.2204 E-1 15284 0.231 0.23 13.2		8	0.4216 E+2	0.2606 E-1	11780	0.342	0.34	19.6	1 3.0
		4		1	15284	0.231	0.23	13.2	13.0

Station No. 6

Tx Bipole No. 2 Date 1984/ 12/15

			T	_	~	_	т-	7	T	т-	7
Current	I (A)	5.5	1 0.0	1 3.0	1 3.0	13.0	13.0	13.0	13.0	1 3.0	13.0
cted	PD-C(deg)	16.5	2 5.3	27.6	1 2.0	2.3	8.3	13.7	15.6	13.5	12.3
Corrected Phase Difference	PD-C(rad)	0.29	0.44	0.48	0.21	0.04	0.14	0.24	0.2.7	0.2 4	0.21
Phase Difference	PD(rad)	0.288	0.442	0.482	0.210	0.040	0.145	0.239	6.556	6.519	6.498
Apparent Resistivity	(m-Ω) e ø	3199	1848	2068	1764	5269	11165	17971	26290	38390	62763
Magnetic Field	H (r)	0.5879 E-2	0.4258 E-3	0.7227 E-3	0.1143 E-2	0.3063 B-2	0.3770 E-2	0.8056 3-2	0.7811 E-2	0.6267 E-2	0.4815 E-2
Blectric Field	E(mV/km)	0.1250 E+3	0.3491 E+1	0.6751 E+1	0.8757 E+1	0.3279 E+2	0.3816 E+2	0.7499 E+2	0.6533 E+2	0.4877 E+2	0.3721 E+2
Frequency	f (Hz)	2048	1024	512	256	128	64	32	1.6	82	. 7
	No.	14	13	12	11	10	o	ω	2	9	2

	Current	(v) I	8.0	1.4.0	1 7.0	1 7.0	1 7.0	0.7.1	1.7.0	1 7.0	1 7.0	17.0	•		Current	(A) I	8.0	1.4.0	1 7.0	1 7.0	1.7.0	1 7.0	1 7.0	1 7.0	1 7.0	1.7.0
Tx Bipole No. 1	cted	PD-C(deg)	338	3 6.8	3 6.2	3.5.8	3.8.9	2 9.9	2 5.3	3 4.3	1 6.6	6.4		x bipote No.	cted	PD-C(deg)	4 8.0	4 0.9	3 6.3	3 6.7	3 2.7	23.8	21.8	18.3	5.6	0.1
	Corrected Phase Difference	PD-C(rad)	0.59	0.64	0.63	0.62	0.68	0.52	0.44	0.6.0	0.29	0.1.1			Corrected Phase Difference	PD-C(rad)	0.84	0.71	0.63	0.64	0.57	0.42	0.38	0.32	0.17	0.00
Date 1984/ 11/8	Phase Difference	PD(rad)	0.590	0.642	0.632	0.6 2 4	0.678	0.522	0.442	0.598	0.289	0.112		Date 1984/11/9	Phase Difference	PD(rad)	0.838	0.715	0.634	0.641	0.570	0.415	0.381	0.319	0.165	0.002
	Apparent Resistivity	ρa (Ω-m)	100	105	117	147	146	162	236	311	425	690			Apparent Resistivity	ρa(Ω-m)	288	322	407	503	479	662	986	1325	2034	4187
	Magnetic Field	月 (7)	0.7139 E-4	0.2219 E-3	0.4746 E-3	0.1016 E-2	0.2305 E-2	0.3249 E-2	0.9175 E-2	0.1107 E-1	0.1110 E-1	0.1122 E-1			Magnetic Field	н (r)	0.9645 E-4		0.5631 18-3	0.1184 E-2			0.1030 E-1	0.1195 E-1	0.1183 E-1	0.1140 E-1
Station No. 7	Electric Field	E (mV/km)	0.7259 E-1	0.1624 E±0	0.2587 E±0	0.4408 E±0	0.7044 E±0	0.7399 E±0	0.1781 B+1	0.1745 E+1	0.1448 E+1	0.1318 E+1		Station No. 8	Electric Field	E(mv/km)	0.1649 E±0		i. 1	0.9502 5土0	. 1		2	6	1 1	0.3296 E+1
Stat	Frequency	f (Hz)	2048	1024	512	256	128	64	32	16	8	4	ţ	Stat 1	Frequency	f (Hz)	2048	1024	512	256	128	64	32	16	8	*
į		No	7.4	13	12	11	10	6	တ	7	9	5				No.	1.4	13	12	11	10	6	8	2	9	5

Tx Bipole No. 1

Date 1984/ 11/9

Current	1 (A)	8.0	14.0	1.7.0	1 7.0	17.0	1 7.0	1 7.0	17.0	17.0	17.0	r-i	71110		1 (A)	8.0	1 40	170	1 7.0	170	07.1	170	170	17.0	1.70
ference	PD-C(deg)	398	4 0.6	4 1.1	420	4 0.8	3 0.7	275	3.00	334	32.6	Tx Bipole No. 1	Corrected	ference	PD-C(deg)	3.3.8	318	3 6.9	3 9.9	3 8.9	2.9.5	25.9	30.0	37.3	403
Corrected Phase Difference	PD-C(rad)	0.7.0	0.71	0.72	0.73	0.71	0.54	0.48	0.52	0.58	0.57		Corre	Phase Difference	PD-C(rad)	0.59	0.56	0.64	0.70	0.68	0.52	0.45	0.52	0.65	0.7.0
Phase Difference	PD(rad)	-2446	-2.432	3.858	3.875	3.853	3.677	3.622	3.665	-2.559	-2.572	Date 1984/ 11/9	Phase	Difference	PD(rad)	0.589	0.5.5.5	0.6 4 4	0.696	0.679	0.515	0.452	0.523	0.6 5 1	0.704
Apparent Resistivity	pa (D-m)	482	5.2.2	605	630	563	620	940	1305	1540	1609		Apparent	Resistivity	ρa(Ω-m)	1635	2788	3273	3425	3119	3549	5730	8420	9879	9795
Magnetic Field	H (7)	0.1028 E-3	0.2854 E-3	05791 E-3	0.1215 E-2	0.2766 E-2	0.3898 E-2	0.1038 E-1	0.1211 E-1	0.1195 E-1	0.1169 E-1		Magnetic Rield		н (r)	0.1068 E-3	0.2672 B-3	0.5580 B-3	0.1173 E-2	0.2746 E-2	0.3818 E-2	0.9970 E-2	0.1170 E-1	01172 E-1	0,1127 E-1
Electric Field	E (mV/km)	0.2229 - 5±0	0.4667 B±0	0.7209 E±0	0.1091 8+1	0.1660 E+1	0.1735 E+1	0.4025 E+1	0.3915 E+1	0.2967 E+1	0.2096 E+1	Station No. 10	Electric Field		×	0.4369 E±0	0.1009 四十1	0.1614 13+1	0.2450 B+1	0.3879 E+1	0.4.069 五十1	0.9547 E+1	0.9606 E+1	0.7370 E+1	0.4985 E+1
Frequency	f (H2)	2048	1024	512	256	128	64	32	16	8	4	Stati	Frequency		f (Hz)	2048	1024	512	256	128	64	3.2	16	8	7
	٥.	4	(3)	2	1	0	6	8	~	9	2			1	٥	4	3	2	1	0	6	8	2	9	5

Date 1984/ 11/9

Station No. 11

Ţ	1			1		7		Πİ	1					Г						<u> </u>	Γ		[Ī	
	Current	I (A)	8.0	1 4.0	1 7.0	17.0	1 7.0	1 7.0	1 7.0	1 7.0	1.7.0	1.7.0	н	Current	I (A)	8.0	1.40	1 7.0	1.7.0	1.7.0	1 7.0	1 7.0	17.0	1 7.0	1 7.0
	Corrected e Difference	PD-C(deg)	25.7	2.7.2	31.8	3 7.3	3 3.0	2.3.7	2 1.3	2.4.5	3 0.0	29.8	Tx Bipole No. 1	Corrected	PD-C(deg)	2 6.9	3.3.8	37.2	3 8.3	34.3	24.5	2 0.9	24.8	31.8	3 5.1
	Corre Phase Di	PD-C(rad)	0.45	0.48	0.56	0.65	0.58	0.41	0.37	0.43	0.52	0.52	11/9	Corrected Phase Difference	PD-C(rad)	047	0.59	0.6 5	0.67	0.60	0.4.3	0.37	0.43	0.56	0.61
	Phase Difference	PD(rad)	-2.693	-2.666	3.697	3.792	3.718	3.555	3.513	3.568	-2.618	-2.621	Date 1984/ 1	Phase Difference	PD(rad)	0.470	0.589	0.649	0.669	0.599	0.427	0.365	0.433	0.555	0.613
	Apparent Resistivity	ρa (Ω-m)	2335	3451	4343	4762	4560	5943	9711	14958	19124	21338		Apparent Resistivity	ρa(Ω-m)	219	253	293	305	291	383	664	1047	1360	1484
	Magnetic Field	H (7)	0.9857 E-4	0.2847 E-3	0.5944 E-3	0.1262 E-2	0.3066 E-2	0.4241 E-2	0.1081 E-1	0.1244 E-1	0.1239 E-1	0.1200 E-1		Magnetic Field	H (r)	0.8852 E-4	0.2728 E-3	0.5743 E-3	0.1222 E-2	0.2975 E-2	0.4025 E-2	0.1023 E-1	0.1189 E-1	0.1180 E-1	0.1142 E-1
	Electric Field	E(mV/km)	0.4742 5±0	0.1196 E+1	0.1982 B+1	0.3117 E+1	0.5236 B+1	0.5849 B+1	0.1347 E+2	0.1361 E+2	0.1083 E+2	0.7838 E+1	Station No. 12	Electric Field	E(mv/km)	0.1367 E土0	0.3105 E±0	0.4969 恵士0	0.7645 15土0	0.1283 E+1	0.1409 E+1	0.3333 E+1	0.3441 E+1	0.2753 E+1	0.1968 E+1
	Frequency	f (Hz)	2048	1024	512	256	128	64	32	16	8	4	Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4
		No.	14	13	12	11	10	တ	∞	7	φ.	5			No.	14	13	12	11	10	ტ	8	2	9	5

17.0 1 7.0 17.0 140 1.7.0 1.7.0 17.0 1.7.0 8 Current ₹ Tx Bipole No. PD-C(deg) 27.5 2 9.9 313 3 2.3 3.23 28.3 26.0 2 2.9 14.0 4.6 Corrected Phase Difference PD-C(rad) 0.48 0.56 0.4.9 0.4.5 0.40 0.08 0.5 2 0.5.5 0.56 0.24 Date 1984/ 11/9 0.479 0.546 0.564 0.399 0.244 0.080 Difference 0.563 0.493 0.521 0.454 PD (rad) Phase Resistivity 135 175 300 227 38 910 1748 311 521 651 pa (Q-m) Apparent 0.2183 E-3 0.4585 E-3 0.8588 E-4 0.9958 E-2 0.2206 E-2 0.3109 E-2 0.8908 E-2 0.1098 E-1 0.1071 E-1 Magnetic Field 0.1096 E-1 (7) H Electric Field 0.2068 B±0 0.3 484 E±0 0.6174 E±0 0.9992 B±0 0.8938 E-1 0.2507 E+1 01089 E+1 0.2582 E+1 0.2092 E+1 0.2002 E+1 E (mV/km) Station No. 13 f (Hz) 512 2048 1024 256 128 32 16 64 œ 4 Frequency

13

12

100

ŝ

14

13.0 170 1.7.0 1 7.0 17.0 8.0 150 1.7.0 1.7.0 1 7.0 Current 3 PD-C(deg) 38.3 383 38.9 374 29.5 2 6.8 18.8 8.4 3 8.1 3 2.5 Phase Difference Corrected PD-C(rad) 0.68 0.65 0.66 0.67 0.67 0.52 0.15 0.57 0.47 0.33 0.668 0.6.78 0.668 0.653 0.146 Difference 0.664 0.5150.468 0.328 0.567 PD(rad) Phase Apparent Resistivity 104 127 127 140 184 223 7.1 9.7 284 457 Pa (O-m) 0.2137 E-3 Magnetic Field 0.9400 E-3 0.4326 E-3 0.1052 E-2 0.2342 E-2 0.3292 E-2 0.9330 E-2 1.0835 E-1 0.1155 E-1 0.1172 E-1 (Y) Electric Field 0.1527 至土0 0.4261 B±0 0.2232 E±0 0.6677 8土0 0.6968 医土0 0.1120 E+1 0.7965 B-1 0.1602 E+1 0.1448 E+1 0.1231 E+1 E(mV/km) f (Hz) 512 128 2048 1024 256 16 64 32 œ Frequency 13 No. ₽. 1.2 7 10 თ တ **~** 9

į

Tx Bipole No. 1

Date 1984/ 11/10

Station No. 14

ίΩ

ဖ

œ

*** Measured Data List ***

Date 1984/ 11/10

Current	I (A)	8.0	1 3.0	1 5.0	1 7.0	1 7.0	1 7.0	17.0	1 7.0	17.0	1 7.0	0.1	Current	(A) I (A)	8.0	13.0	1 5.0	1 7.0	17.0	17.0	17.0	17.0	1 7.0	
Corrected Phase Difference	PD-C(deg)	4 6.3	485	489	4.7.4	52.7	4 4.8	33.9	38.5	5 1.9	6 7.8	Tx Bipole No. 1	Corrected Phase Difference	PD-C(deg)	2.85	27.7	27.5	29.5	33.7	2 5.9	21.0	19.7	1 3.9	
Cori Phase D	PD-C(rad)	0.81	0.8 5	0.8 5	0.83	0.92	0.78	0.5 9	29.0	0.91	1.18	11/10	Cor Phase D	PD-C(rad)	0.50	0.48	0.48	0.52	65.0	0.45	0.37	0.34	0.24	
Phase Difference	PD(rad)	-5.476	0.847	0.854	0.828	0.920	0.783	0.591	6.9 5 6	0.905	1.184	Date 1984	Phase Difference	PD(rad)	0.4.97	0.484	0.481	0.515	0.587	0.452	0.366	6.627	6.526	
Apparent Resistivity	ρa (Ω-m)	118	116	113	104	98	65	88	135	158	145		Apparent Resistivity	pa(Q-m)	1315	2284	2738	3587	3843	4480	7125	10242	14918	
Magnetic Field	н (т)	0.8686 E-4	0.2304 E-3	0.4565 B-3	0.1065 E-2	0.2405 E-2	0.3417 E-2	09394 E-2	0.1093 E-1	0.1069 E-1	0.1129 E-1		Magnetic Field	H (r)	0.8090 E-4	0.1901 E-3	0.3987 E-3	0.9390 E-3	0.2089 E-2	0.2926 E-2	0.8334 E-2	0.9912 E-2	0.9208 E-2	
Electric Field	E (mV/km)	0.9576 E-1	0.1778 忠王0	0.2448 B±0	0.3886 15±0	0-5619 正土0	0.4925 E±0	0.1117 E+1	0.11.37 8+1	0.8497 E土0	0.5455 13年0	Station No. 16	Electric Field	E(mV/km)	0.2879 忠士0	0.6490 医土0	0.1055 B+1	0.2011 B+1	0.3275 E+1	0,3504 B+1	0.8899 E+1	0.8973 E+1	0.7099 E+1	
Frequency	f (Hz)	2048	1024	512	256	128	64	32	16	8	4	Stat	Frequency	f (H2)	2048	1024	512	256	128	64	3.2	16	80	
}	No.	14	13	12	11	1.0	6	8	<u>ئ</u>	9	5			No.	14	13	12	1.1	10	6	8	7	9	1

Station No. 17

No. 13 13

11

တ တြ

Date 1984/ 11/10

Tx Bipole No. I

***********			-				المستندن		+	-	· prome
Current	I (A)	8:0	1 3.0	1 7.0	17.0	1 7.0	1 7.0	1 7.0	17.0	1 7.0	1 7.0
ference	PD-C(deg)	4 5.9	5 5.1	592	5 6.3	55.6	4.7.7	39.1	56.0	87.3	-60.3
Corrected Phase Difference	PD-C(rad)	0.80	960	1.03	860	760	0.83	0.68	86.0	1.52	- 1.05
Phase Difference	PD(rad)	0.800	- 5.3 2 2	1.003	0.983	0.970	0.833	0.683	0.978	1.524	2.089
Apparent Resistivity	pa (D-m)	35	3.0	26	1.9	18	12	2.1	40	7.5	138
Magnetic Field	(1) H	0.9379 E-4	0.2141 E-3	0.4664 E-3	0.1143 E-2	0.2516 E-2	0.3719 E-2	0.1034 E-1	0.1197 E-1	0.1173 E-1	0.1164 E-1
Electric Field	E (mV/km)	05481 E-1	0.8431 E-1	0.1196 E+1	0.1813 E±0	0.2724 E±0	0.2318 B±0	0.5952 B±0	0.6816 E±0	0.6446 五土0	0.6104 B±0
Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4
- 7			-7	- 7	. 7		. 7			1	. 7

Station No. 18

Date 1984/ 11/10 Tx F

Tx Bipole No. 1

4/14/		Γ			-	1	Τ	1			
Current	(A) I	8.0	1 3.0	15.0	17.0	17.0	17.0	1 7.0	1 7.0	17.0	17.0
Corrected e Difference	PD-C(rad) PD-C(deg)	22.9	31.3	3 4.9	3 6.8	41.3	29.7	2 2.7	16.4	27.9	24.8
Corrected Phase Difference	PD-C(rad)	0.4.0	0.5.5	0.61	0.64	0.72	0.52	0.40	0.29	0.49	0.43
Phase Difference	PD(rad)	0.399	0.546	0.6.1.0	0.643	0.721	0.51.9	0.395	6.569	0.486	0.432
Apparent Resistivity	$\rho a (\Omega - m)$	2461	3005	3572	3719	3916	7641	0209	9522	12000	13.166
Magnetic Field	н (r)	0.7351 E-3	0.2008 E-3	0.3978 E-3	0.9912 E-3	0.2208 E-2	0.6582 E-4	0.9123 E-2	0.1075 E-1	0.1040 E-1	0.1031 E-1
Electric Field	E(mV/km)	0.3 5 7 1 正土0	0.7873 B±0	0.1201 E+1	0.2162 E+1	0.3490 E+1	0.1029 E+0	0.8992 E+1	0.9379 E+1	0.7203 18+1	0.5292 11+1
Frequency	f (Hz).	20.4.8	1024	512	256	128	64	3.2	16	8	4
	No.	4	13	12	1.1	10	6	00	7	တ	ις,

9

Date 1984/ 11/11

Station No. 19

130 14.0 17.0 1.7.0 1 7.0 1.7.0 1.7.0 1.7.0 1 7.0 130 1 7.0 1.7.0 8,0 1 5.0 17.0 1 7.0 17.0 1.7.0 1 7.0 8.0 Current I (A) Current I (A) Tx Bipole No. 1 PD-C(deg) PD-C(deg) 3 2.5 2 0.9 1.4.9 332 3 6.1 3 5.4 3 9.9 3 4.0 23.4 3 1.3 3 4.1 3 5.3 3 5.3 3 7.0 28.5 1 68 1.2.3 24.1 19.7 4.2 Corrected Phase Difference Phase Difference Corrected PD-C(rad) PD-C(rad) 0.58 0.57 0.63 0.620.70 0.59 0.42 0.55 0.60 0.62 0.62 0.64 0.50 0.34 0.29 0.21 0.07 0.4 1 0.26 037 Date 1984/ 11/1-1 Phase Difference 0.568 6.913 0.409 0.3 6 5 0.595 0.579 0.617 0.696 0.594 0.421 Difference 0.616 0.616 0.645 0.498 0.215 0.073 0.2610.547 0.343 0.294 PD(rad) PD(rad) Phase Apparent Resistivity Apparent Resistivity 116 175 179 220 235 575 1726 229 368 893 1913 7108 1206 2309 2711 2742 3607 5332 9790 2481 (m-C) 80 pa (Q-m) E-2 E-3 0.8634 E-2 0.7326 E-4 0.8262 E-3 0.2655 E-2 0.9279 E-2 0.3305 E-3 0.8579 E-3 0.2756 E-2 0.9806 E-2 0.9554 E-2 Magnetic Field 0.3495 E-3 0.1820 E-2 0.7726 E-2 0.1759 E-3 01918 E-2 0.8059 E-2 0.9672 E-2 Magnetic Field 07033 E-4 (子) 用 0.7856 (Z) H 0.1704 H 十 E+1 Electric Field 0.5459 五土0 08034 B±0 0.1598 E+1 0.2471 E±0 0.2456 E+1 0.6123 E+1 0.6405 E+1 0.5157 E+1 Electric Field 0.1616 B±0 0.2369 五土0 0.4389 E±0 0.6970 E±0 0.7287 E±0 0.1632 E+1 0.1 405 E+1 0.1991 E+1 0.1875 E+1 0.7828 B-1 E (mV/km) E(mV/km) 0.4 2 2 8 0.2541 Station No. 20 (Hz) f (Hz) 20.48 256 128 32 2048 512 256 128 32 9.1 œ 1024 512 64 91 1024 4 64 Frequency Frequency ŝ Š. 14 ;; ;-1 9 13 12 C œ . ₽ 10 œ 9 വ 14 __

Current	g) I (A)	8.0	13.0	1 5.0	1 7.0	17.0	1 7.0	17.0	17.0	1 7.0	1 7.0		No. 1	Current	(A) I (A)	8.0	1 3.0	1 5.0	1 7.0	1 7.0	1 7.0	1 7.0	1 7.0	1 7.0	
rrected Difference	PD-C(deg)	4 0.1	26.1	29.4	31.8	35.7	292	18.2	12.3	5.4	-123		Tx Bipole No. 1	Corrected Phase Difference	PD-C(deg)	28.6	3 4.4	3 9.3	4 1.0	3.9.9	2 6.6	18.1	2 1.5	2.7.8	
Corrected Phase Differe	PD-C(rad)	0.70	0.46	0.51	950	0.62	0.51	0.3 2	0.21	0.09	- 0.22	-	11/11	Co Phase D	PD-C(rad)	0.50	0.60	0.69	0.72	0.70	0.46	0.32	0.38	0.48	
Phase Difference	PD(rad)	0.700	0.456	6.796	0.555	0.622	0.510	0.317	0.215	0.094	-0.215		Date 1984/	Phase Difference	PD(rad)	0.499	- 5.682	0.685	0.716	1690	0.465	0.316	0.375	0.485	
Apparent Resistivity	ρa (Ω-m)	224	425	628	844	921	813	1198	1979	3570	7676			Apparent Resistivity	ρa(Ω-m)	176	197	243	27.0	259	249	468	815	1099	
Magnetic Field	H (r)	0.5295 E-4	0.1468 E-3	0.2885 E-3	0.6995 E-3	0.1602 E-2	0.2408 E-2	0.7184 B-2	08588 E-2	0.8 186 E-2	0.7561 E-2			Magnetic Field	н (7)	0.7688 E-4	0.1974 E-3	0.3649 E-3	0.8702 E-3	0.1975 E-2	0.3007 E-2	0.8723 E-2	0.1012 E-1	0.9431 E-2	
Electric Field	E (mV/km)	0.8689 E-1	0.6492 E±0	0.3650 E±0	0.7271 E±0	0.1230 E+1	0.1228 E+1	03146 E+1	03417 E+1	03093 8+1	0.2963 E+1	÷.	Station No. 22	Electric Field	E(mV/km)	0.1033 15土0	0.1981 E±0	0.2877 五土0	0.5329 B±0	0.8361 E±0	0.8409 E±0	0.2385 E+1	0.2584 E+1	0.1978 E+1	
Frequency	f (Hz)	2048	1024	512	256	128	64	32	16	8	. 4		Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	80	
	No.	14	13	12	11	10	6	_∞	7	9	2	:			No.	14	13	12	11.	10	6	8	2	9	

*** Measured Data List ***

Date 1984/ 11/11

Current	deg) I (A)	32.9 8.0	37.2 1 3.0	38.0 15.0	36.1 17.0	36.7 17.0	21.6 17.0	14.3 17.0	5.2 1.7.0	5.4 17.0	10.5 17.0	Bipole No. 1	Current	deg) I (A)	26.3 8.0	28.1 130	31.4 15.0	31.0 17.0	32.8 17.0	19.9	1 6.3 1 7.0	19.5 17.0	23.6 17.0	
Corrected Phase Difference	PD-C(rad) PD-C(deg)	0.57 3.	0.65 3'	0.66	0.63	0.64 3(0.38 2.1	0.25	0.2.7	0.27	0.1.8	Ϋ́	Corrected Phase Difference	PD-C(rad) PD-C(deg	0.46	0.49	0.55	0.54 3	0.57	0.35	0.28	0.34	0.41 2	
Phase Difference	PD(rad)	0.575	0.650	0.663	0.630	0.640	0.3 7 6	0.250	6.548	3411	3.326	Date 1984/ 11/11	Phase Difference	PD(rad)	0.460	- 5.793	0.547	0.5 4 1	0.573	0.347	0.284	0.341	0.411	0 0 0
Apparent Resistivity	ρa (Ω-m)	445	549	661	705	751	776	1512	2668	3907	6242		Apparent Resistivity	(m-D)ed	83	0.6	111	137	144	179	335	558	763	000
Magnetic Field	н (r)	0.6819 E-4	0.1719 E-3	0.3461 E-3	0.8626 E-3	0.1958 B-2	0.3151 E-2	0.9046 E-2	0.1034 E-1	0.9771 E-2	0.8922 E-2		Magnetic Field	H (r)	0.8049 E-4	0.2671 E-3	0.4887 E-3	0.1135 E-2	0.2505 E-2	0.3793 E-2	0.1069 E-1	0.1194 E-1	0.1105 E-1	
Electric Field	E (mV/km)	0.1342 正土0	0.2970 医土0	0.4504 B±0	0.8357 医土0	0.1329 E+1	0.1570 E+1	0.4449 E+1	0.4776 E+1	0.3863 E+1	0.3 1 5 2 E+1	Station No.24	Electric Field	E(mV/km)	0.6321 E-1	0.1814 E±0	0.2609 医土0	0.4770 E±0	0.7604 E±0	0.9049 五士0	0.2473 E+1	0.2523 E+1	0.1931 E+1	1 L C C C C C C C C C C C C C C C C C C
Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	æ	4	Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	80	
	Ño.	14	13	12	1.1	10	6	∞	2	9	3			No.	14	13.	12	1.1	10	6	8	7	မ	

-	Frequency	Electric Field	Magnetic Field	Apparent Resistivity	Phase Difference	Corr Phase Di	Corrected Phase Difference	Current
No.	f (Hz)	(mV	H (7)	pa (D-m)	PD(rad)	PD-C(rad)	PD-C(deg)	(A) I
4	2048	0.1608 E±0	0.8408 E-4	367	0.682	0.68	39.1	8.0
3	1024	0.3310 6土0	0.2178 E-3	157	0.724	0.72	41.5	13.0
73	512	0.4939 压土0	0.4356 E-3	503	0.673	0.67	38.6	15.0
	256	0.8972 底土0	0.1051 E-2	569	0.655	0.66	3 7.5	17.0
0	128	0.1517 B+1	0.2439 E-2	605	0.670	0.67	38.4	1 7.0
6	64	0.1800 11+1	0.3682 B-2	747	0.527	0.53	3 0.2	17.0
8	32	0.5161 B+1	0.1 0 0 7 E-1	1640	0.602	0.60	3 4.5	17.0
7	1.6	0.5893 1.+1	0.1132 E-1	3385	0.988	66.0	56.6	17.0
9	8	0.5759 E+1	0.1025 E-1	7893	1.546	1.55	88.6	1 7.0
_	4	0.5764 五十1	0.9075 E-2	20169	2.096	-1.05	- 59.9	1 7.0
		Par a						
	Stat	Station No. 26			Date 1984/	11/12	Tx Bipole No. I	н
	Frequency	Electric Field	Magnetic Field	Apparent Resistivity	Phase	Corrected Phase Difference	Corrected	Current
<u>L</u> .	f (Hz)	E(mV/km)	() H	ρa(Ω-m)	PD(rad)	PD-C(rad)	PD-C(deg)	(A)
	2048	0.1602 E±0	1.0115 E-4	2048	6080	0.81	463	8.0
	1024	0.3546 B±0	0.2911 E-3	1024	-5.513	0.7.7	44.1	1.3.0
-	51.2	0.5347 B±0	0.5.771 E-3	512	0.749	0.75	4.29	15.0
_	256	0.9209 E±0	0.1418 E-2	256	0.734	0.73	42.1	17.0
	128	0.1467 E+I	0.3449 E-2	128	0.791	0.79	4 53	17.0
	64	0.1491 B+1	0.4959 E-2	64	0.507	0.51	2 9.1	1 7.0
	3.2	0.3782 E+1	0.1268 E-1	3.2	0.412	0.41	2.3.6	1 7.0
-	16	0.3973 E+1	0.1424 E-1	16	0.583	0.58	334	1 7.0
9	8	0.3060 E+1	0.1342 E-1	8	0.908	0.9.1	520	1 7.0
ı,	4	1+4 VOOC	5 000					

	_	-		_		VOID WAY	_	-	_	-	-	-				*	-	_,,	_	~~~	*****		_	~~~	
	Current	(A) I	8.0	1 3.0	1 5.0	1 7.0	1 7.0	1 7.0	1 7.0	1 7.0	1 70	1 7.0	-	Current	I (A)	8.0	1 3.0	1.5.0	1 7.0	1 7.0	17.0	1 7.0	17.0	1 7.0	1.7.0
Tx Bipole No. 1	cted ference	PD-C(deg)	3 6.5	40.3	3 5.5	38.0	17.8	1.8.9	1.6.0	1.0.0	1.8	-4.0	Tx Bipole No. 1	cted	PD-C(deg)	29.6	35.4	3 5.6	3 2.2	29.4	17.5	16.0	2 3.9	364	4 9.7
	Corrected Phase Difference	PD-C(rad)	0.64	0.7.0	0.62	0.66	0.3 1	0.33	0.28	0.17	0.03	0.07		Corrected Phase Difference	PD-C(rad)	0.52	0.62	0.62	0.56	0.5 1	0.31	0.28	0.42	0.64	0.87
Date 1984/ 11/12	Phase Difference	PD(rad)	0.637	0.703	0.620	0.663	6.593	0.330	0.279	0.175	0.031	690.0-	Date 1984/ 11/12	Phase Difference	PD(rad)	0.516	0.618	0.621	0.562	0.513	0.303	0.280	1079	0.636	0.867
	Apparent Resistivity	ρa (Ω~m)	2375	3168	3405	4031	3476	5735	9095	13768	25673	58853		Apparent Besistivity	pa(Q-m)	2197	1790	1949	2284	2383	3595	7089	12440	16587	16044
	Magnetic Field	H (1)	0.8303 E-4	0.2295 E-3	0.5043 E-3	0.1266 E-2	0.3288 E-2	0.4729 E-2	0.1167 E-1	0.1316 E-1	0.1291 E-1	0.1234 E-1		Magnetic Field	н (r)	0.9319 E-4	0.2851 E-3	0.5967 E-3	0.1508 E-2	0.3771 E-2	0.5144 E-2	0.1281 E-1	0.1423 E-1	0.1370 E-1	0.1312 E-1
Station No. 27	Electric Field	E (mV/km)	0.4048 5左0	0.9176 E±0	0.1479 E+1	0.2804 E+1	0.4903 B+1	0.6226 B+1	0.1428 E+2	0.1382 E+2	0.1328 E+2	0.1338 E+2	Station No. 28	Electric Field	E(mV/km)	0.4119 13±0	0.8623 E±0	0.1319 E+1	0.2578 E+1	0.2578 E+1	0.5518 E+1	0.1364 B+2	0.1360 E+2	0.1116 E+2	0.7430 E+1
Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4	Statio	Frequency	f (Hz)	2048	1024	512	256	128	64	32	16	8	4
		No.	14	1.3	12	11	10	6	8	7	9	ເດ			No.	14	13	12	11	10	6	8	7	9	ß

Date 1984/ 11/12

Station No. 29

Tx Bipole No. 1

8 15.0 1 7.0 130 1.7.0 1.7.0 1.7.0 17.0 17.0 17.0 I (A) Current PD-C(deg) 30.9 39.5 39.1 23.2 202 28.2 39.4 35.6 238 27.7 Corrected Phase Difference PD-C(rad) 0.3.5 0.69 6 90 0.68 0.62 040 0.49 0.48 0.54 0.41 Difference 0.540 0.689 0.682 PD(rad) 0.689 0.621 0.404 0.352 0.698 0.493 0.483 Phase Apparent Resistivity 456 626 529 674 617 908 1402 2166 2858 3320 0a (D-m) E 13 0.5320 E-3 0.1353 E-2 0.4644 E-2 0.2642 E-3 0.3263 E-2 Magnetic Field 0.1194 E-1 0.1343 E-I 0.1285 E-1 0.1213 E-1 H (7) 0.9868 Electric Field 0.4429 E±0 0.2050 E+1 0.2126 医土0 0.6738 医土0 0.1232 四十1 0.3123 E+1 E (mV/km) 0.2358 B+1 0.5653 B+1 0.5591 E+1 0.4344 E+1 f (Hz) 2048 1024 512 256 128 64 3.2 91 ω Frequency ... 10 14 7 O ø ۲ø വ

1 3.0 15,0 17.0 1 7.0 17.0 1 7.0 1.7.0 1 7.0 1 7.0 8,0 Current (A) I PD-C(deg) 21.8 3.2.4 3 6.0 3 9.3 4 0.2 27.3 24.6 34.1 4 9.1 68.6 Phase Difference Corrected PD-C(rad) 0.38 0.69 0.70 0.48 0.57 0.63 0.43 0.60 0.86 1.20 Difference 0.565 0.702 0.429 0.628 0.596 PD(rad) 0.381 0.687 0.4770.857 1.197 Apparent Resistivity 883 1043 1288 1350 1127 1357 2472 3954 4803 4472 02(Q-m) 五一五 0.2216 E-3 0.2724 E-2 Magnetic Field 0.4429 E-3 0.1095 E-2 E-1 1 1 1 0.8029 E-4 0.1008 E-1 0.1176 E-1 0.1151 0.1044 0.3905 Electric Field 0.2386 Eat 0 0.5256 医生0 0.8309 E±0 0.1439 E+1 0.2355 E+1 五十二 0.2573 五十1 0.6343 E+1 0.6543 E+1 0.5049 E+1 E(mV/km) 0.3282 2048 1024 512 256 128 32 9 4 f (Hz) 64 œ Frequency 0 ₹ |-33 12 9 თ œ Ŋ

Tx Bipole No. 1

Date 1984/ 11/12

No. 31
Station

Date 1984/ 11/12 Tx Bipole No. 1

Frequency	Electric Field	Magnetic Field	Apparent Resistivity	Phase Difference	Corr Phase Di	Corrected e Difference	Current
f (Hz)	E (mV/km)	(<i>t</i>) H	ρa (Ω-m)	PD(rad)	PD-C(rad)	PD-C(deg)	(A) I
2048	0.1553 E+1	0.7862 E-4	374	0.494	0.49	283	8.0
1024	0.3478 E±0	0.2097 E-3	570	0.575	0.57	3 29	1 3.0
512	0.5514 E±0	0.4376 E-3	620	0.664	0.66	380	15.0
256	0.9789 E±0	0.1103 E-2	620	0.726	0.73	4 1.6	1 7.0
128	0.1205 E+1	0.2081 E-2	507	0.673	0.67	385	1 7.0
64	0.1815 E+1	0.3965 E-2	660	0.473	0.47	27.1	1 7.0
3.2	0.4270 E+1	0.1022 E-1	1090	0.433	0.43	248	1 7.0
16	0.4233 B+1	0.1189 E-1	1584	0.792	0.5 1	292	1 7.0
8	0.3254 E+1	0.1197 E-1	1841	0.621	0.62	356	1 7.0
4	0.2243 E+1	0.1207 E-1	1732	0.608	0.61	348	1 7.0
	f (Hz) 2048 1024 512 256 128 64 32 36		E (mV/km) 0.1553 E+1 0.3478 E±0 0.9789 E±0 0.9789 E±0 0.1205 E+1 E (mV/km) H (7) 1 0.1553 E+1 0.7862 E-4 1 0.3478 E±0 0.2097 E-3 2 0.9789 E±0 0.4376 E-2 3 0.9789 E±0 0.1103 E-2 4 0.1205 E+1 0.2081 E-2 5 0.4270 E+1 0.2081 E-2 6 0.4270 E+1 0.1022 E-1 7 0.4273 E+1 0.1022 E-1 8 0.3254 E+1 0.1189 E-1 9 0.3254 E+1 0.1207 E-1	E (mV/km) H (T) pa (D-m) 1 0.1553 E+1 0.7862 E-4 3.74 1 0.3478 E±0 0.2097 E-3 5.70 1 0.5514 E±0 0.4376 E-3 620 2 0.9789 E±0 0.1103 E-2 620 3 0.1205 E+1 0.2081 E-2 507 4 0.1815 E+1 0.3965 E-2 660 5 0.4270 E+1 0.1189 E-1 1584 6 0.3254 E+1 0.1197 E-1 1732	E (mV/km) H (T) pa(D-m) PD(rad) PD(rad	C E max (Ω-m) Difference Passe Difference	

Station No. 32

Date 1984/ 11/12 Tx Bipole No. 1

	Frequency	Electric Field	Magnetic Field	Apparent Resistivity	Phase Difference	Corrected Phase Difference	Corrected e Difference	Current
No.	f (Hz)	E(mV/lcm)	н (т)	ρa(Ω-m)	PD(rad)	PD-C(rad)	PD-C(deg)	(A) I
14	2048	0.1075 医土0	0.8141 E-4	173	0.681	0.68	3 9.0	8.0
13	1024	0.2105 5土0	0.2196 E-3	186	0.821	0.82	47.1	130
12	512	0.2856 E±0	0.4536 E-3	155	0.917	0.92	5.2.5	1.5.0
11	256	04517 E±0	0.1123 E-2	126	0.923	0.92	529	1 70
1.0	128	0.7109 E±0	0.2732 E-2	106	0.986	0.99	56.5	1 7.0
6	64	0.6807 E±0	0.3296 E-4	81	09 2:0	0.76	4 3.5	1.7.0
80	.32	0.1633 E+1	0.1024 E-1	159	0.670	0.67	384	170
7	1.6	0.1939 E+1	0.1194 E-1	330	1.019	1.02	58.4	1.7.0
9	8	0.1935 18+1	0.1186 E-1	670	1.581	-1.56	-89,4	170
5.	4	0.1938 18+1	0.1126 E-1	1483	2.130	- 1.01	-57.9	17.0

	Current	I (A)	8.0	1 3.0	15.0	1 7.0	1 7.0	1.7.0	1 7.0	1 7.0	1.7.0	1 7.0			Current	I (A)	8.0	13.0	13.0	13.0	1 3.0	1 3.0	
Tx Bipole No. 1	cted	PD-C(deg)	30.4	31.8	2 6.5	245	2.3.7	13.0	12.6	15.6	16.2	12.2	Try Ripole No. 1	. Or atodic wi	Corrected Difference	PD-C(deg)	3 43	3.32	3 32	3.19	3 2.3	1.9.7	
	Corrected Phase Difference	PD-C(rad)	0.53	0.5.5	0.46	0.43	0.41	0.23	0.22	0.27	0.28	0.2 1			Corrected Phase Difference	P.D-C(rad)	0.60	0.58	0.58	0.56	0.56	0.34	
Date 1984/ 11/ 13	Phase Difference	P.D (rad)	0.531	0.555	0.463	0.427	0.413	0.227	0.219	3.414	6.5 6 7	6497	Da+ 1004/	Date 1964/ 11/13	Phase Difference	PD(rad)	0.599	0.580	0.579	0.556	0.564	0.344	
	Apparent Resistivity	pa (n-m)	403	419	532	792	860	1448	2731	4484	6557	9315			Apparent Resistivity	ρa(Ω-m)	161	290	342	403	415	589	
	Magnetic Field	H (1)	0.8529 E-4	0.2496 E-3	0.5306 E-3	0.1284 E-2	0.3050 E-2	0.4626 E-2	0.1212 E-1	0.1328 E-1	1.1111 E-2	0.1105 E-1	\ \dagger		Magnetic Field	н (۲)	0.9144 E-4	0.2504 E-3	0.4459 E-3	0.9575 E-3	0.2251 E-2	0.3453 E-2	
Station No. 33	Electric Field	E (mV/km)	0.1780 E±0	0∓11 69 18:0	0.6189 5±0	0.1290 E+1	0.2263 11+1	0.3149 F+1	0.8012 E+1	0.7957 E+1	0.5693 五十1	0.4768 E+1	Station No. 34	* > . O	Electric Field	E(mv/km)	0.1338 5出0	0.3054 E±0	0.4176 E±0	0.6882 E±0	0.1160 B+1	0.1499 E+1	
Sta	Frequency	f (Hz)	2048	1024	512	256	128	64	32	16	8	4	Stat	345.07	Frequency	f (Hz)	2048	1024	512	256	128	64	

And the state of the state of

13.0

201

13.0

4 28 5 6.2

7.30

0.980

0.56 0.56 0.34 0.35 0.51 0.75 9.60

0.556 0.344 0.351 0.794 0.747

> 1130 589

0.9319 E-2 0.1022 E-1 0.9502 E-2 0.8877 E-2

0.3949 E+1 0.3897 E+1

128 64 3.2 16

10 o œ

No. 1.4 13 12 0.2813 E+1 0.1745 E+1

4 ∞

မှ

į

1816 2191 1933

3.0 130

5

Θ

13 11 110

6

∞ ~

No.

*** Measured Data List ***

Date 1984/ 11/13

		Andrew Co.			-		_	-							*	_	***		~	_	_			
Current	I (A)	8.0	13.0	1 3.0	13.0	13.0	1 3.0	1 3.0	13.0	1 3.0	1 3.0		Current	I (A)	8.0	1 3.0	1 3.0	130	13.0	1 3.0	1 3.0	1 3.0	1 3.0	1.3.0
Corrected e Difference	PD-C(deg)	35.7	4.8.7	4 9.1	45.6	38.7	2 2.1	2 2.4	32.1	4 8.4	7 0.5	Tx Bipole No.1	scted	PD-C(deg)	350	4 22	413	3 6.6	295	165	154	195	2 5.1	283
Corre Phase Dif	PD-C(rad)	0.62	0.85	0.86	0.80	0.68	0.39	0.39	0.56	0.85	1.23	11/13	Corrected Phase Difference	PD-C(rad)	0.61	0.7 4	0.72	0.64	0.52	0.29	0.27	0.34	0.44	0.49
rnase Difference	PD(rad)	0.623	- 5.433	0.856	0.796	0.675	0.385	0.391	0.560	0.8 4 5	1.231	Date 1984/ 1	Phase Difference	PD(rad)	0.6.1.1	0.7.36	0.7.2.0	0.638	0.515	0.288	0.268	6.623	0.438	0.495
Apparent Resistivity	ρa (Ω-m)	351	288	267	236	185	302	586	985	1281	1356		Apparent Resistivity	ρa(Ω-m)	1129	1205	1211	1359	1334	2190	4236	7064	9866	12094
Magnetic Field	H (7)	0.7743 E-4	0.2401 E-3	0.4238 E-3	0.9254 E-3	0.2322 E-2	0.3673 E-2	0.9360 E-2	1.0065 E-1	0.9147 E-2	0.7938 E-2		Magnetic Field	н (r)	0.8577 E-4	0.2542 E-3	0.4474 E-3	0.9519 E-3	0.2316 E-2	0.3573 E-2	0.9346 E-2	0.1007 E-1	0.8869 正-2	0.7686 E-2
Electric Field	E (mV/km)	0.1469 E±0	0.2716 110	0.3506 E±0	0.5148 E±0	0.8142 E±0	0.1142 E+1	0.2864 E+1	0.2826 E+1	0.2071 E+1	0.1305 E+1	Station No. 36	Blectric Field	E(mv/km)	0.3130 医主0	0.6419 医土0	0∓3 0.86.20	0.1268 E+1	0.2140 B+1	0.2991 E+1	T+E 9692.0	0.7573 E+1	0.5604 E+1	0.3780 E+1
Frequency	f (H2)	2048	1024	512	256	128	64	3.2	16	8	4	Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	. 32	16	8	Ť
ŀ	No.	14	13	12	11	10	6	_∞	7	9	5			No.	14	13	12	1.1	10	6	8	7	9	5

Tx Bipole No. 1

Date 1984/ 11/13

Station No. 37

	Frequency	Electric Field	Magnetic Field	Apparent Resistivity	Phase Difference	Corrected Phase Difference	Corrected e Difference	Current
	f (H2)	E (m//km)	H (1)	ρa(Ω-m)	PD(rad)	PD-C(rad)	PD-C(deg)	(A) I
4	2048	0.1091 E±0	0.8392 E-4	167	- 5.6 5 4	0.63	36.1	8.0
3	1024	0.2078 E±0	0.2524 E-3	132	0.8 5 3	0.8 5	4.8.9	13.0
63	512	0.2473 E±0	0.4650 E-3	110	0.803	0.8.0	46.0	13.0
ī	256	0.3742 E±0	0.1030 E-2	103	0.608	0.61	3 4.8	1 3.0
0	128	0.7666 E±0	0.2553 E-2	141	6.787	0.50	28.9	13.0
6	64	0.1143 E+1	0.3916 E-2	266	0.332	0.33	1 9.0	13.0
œ	32	0.3327 E+1	1.0070 E-1	682	0.554	0.55	31.7	13.0
7	16	0.3872 E+1	0.1107 E-1	1528	1.044	1.04	59.8	13.0
9	8	0.4.005 E+1	0.1036 E-1	3741	1.648	- 1.49	-85.6	1 3.0
2	4	0.4255 E+1	0.9285 E-1	10500	- 0.949	-0.95	-543	13.0

Corrected Phase Difference	d) PD-C(deg) I (A)	15.5 8.0	21.2 13.0	27.6 13.0	30.4	33.3 13.0	24.0 13.0	23.0 13.0	2 6.8 1 3.0	3 0.2 1 3.0	
Phase	PD-C(rad)	0.2.7	0.3 7	0.48	0.53	0.58	0.42	0.40	0.47	0.5 3	
Phase Difference	PD(rad)	0.270	0.370	6.765	0.530	0.582	0.419	0.401	0.467	0.528	
Apparent Resistivity	(m-W) e d	172	324	453	542	541	688	1143	16.00	1955	
Magnetic Field	H (r)	0.1269 E-3	0.2928 E-3	0.4721 E-3	0.9943 E-3	0.2211 E-2	0.3238 E-2	0.8538 E-2	0.9717 E-2	0.9554 E-2	
Electric Field	E(mV/km)	0.1672 E±0	0.3769 E±0	0.5081 E±0	0.8278 E±0	0.1309 E+1	0.3238 E+1	0.3614 E+1	0.3476 E+1	0.2671 E+1	
Frequency	f (Hz)	2048	1024	512	256	128	64.	3.2	16	8	
}	No.	14	13	12	11	10	6	8	Ł	9	

Tx Bipole No. 1

Date 1984/ 11/14

*** Measured Data List ***

Date 1984/ 11/14

Station No. 39

Š.

13

7

0 0 8

13.0 13.0 130 130 1 3.0 1 3.0 13.0 1 3.0 130 13.0 130 8.0 8.0 1 3.0 1 3.0 13.0 1 3.0 1 3.0 1 3.0 1 3.0 Current Current (F) (A) Tx Bipole No. 1 PD-C(deg) - 38.8 PD-C(deg) 63.2 5 63 6 2.6 56.4 6.7.8 -60.2 61.3 3 5.3 3 4.3 332 3 0.6 1.7.8 38.7 -86.7 15.9 1 4.8 39.7 16.7 8.8 Phase Difference Corrected PD-C(rad) PD-C (rad) 1.10 1.16 - 0.68 0.68 0.98 1.09 1.07 -1.05 - 1.5 1 0.69 0.58 0.28 0.62 0.60 0.53 0.29 0.26 0.15 0.31 Date 1984/ 11/14 Phase Difference Difference 1.159 1.629 1.103 0.692 0.616 6.882 0.579 6.8 1.8 0.310 0.278 0.258 0.153 0.983 1.093 1.0711.183 2.464 0.291 2.091 PD(rad) PD(rad) - 5.6 0 8 Pha se Apparent Resistivity Apparent Resistivity 1.9 3613 298 1212 13 13 238 225 245 443 785 2649 38 23 45 1091 241 1696 13 291 pa(Q-m) (m-W) & d Magnetic Field 0.2588 E-3 0.9872 E-2 0.9357 E-2 0.9912 E-2 0.2336 B-2 0.9378 E-2 0.1033 E-1 0.3504 E-2 Magnetic Field 0.9266 E-4 0.4504 E-3 0.1047 E-2 0.2471 E-2 0.9487 E-4 0.2818 E-3 0.4908 E-3 0.3657 E-2 0.9410 E-2 0.1045 E-1 1.0009 E-2 1.0241 E-1 (Y) H H (7) Electric Field あれる 0 出日 Electric Field 0.3027 正土0 0.3887 E±0 0.1301 E±0 日十四 E+1 E+ 1 0.2121 医土0 0.7772 E±0 E (m¼/km) 0.1377 E+1 0.3330 E+1 0.3253 E+1 0.2647 E+1 0.5740 E-1 08932 E-1 0.2243 E±0 0.1425 E+1 0.2062 E+1 1.0 054 E-1 Σ(πΛ/кm) 0.2202 0.6473 0.1067 0.2515 0.1476 Station No. 40 (H2) 3.6 256 f (Hz) 2048 512 256 128 2048 1024 512 128 64 32 16 1024 64 32 œ 00 Frequency Frequency

ė

w

No.

4

33

1 2 1

70

თ

ဖ

Station No. 41

Date 1984/ 11/14 Tx Bipole No. 1

		,		-	,			_			
Current	1 (A)	8.0	13.0	1 3.0	1.3.0	13.0	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0
cted	PD-C(deg)	47.9	5 4.4	5 5.0	50.4	4 9.2	3 5.7	3.3.8	52.1	83.5	- 66.0
Corrected Phase Difference	PD-C(rad)	0.84	0.95	96.0	0.88	0.86	0.62	0.59	1 6.0	1.46	-1.15
Phase Difference	PD(rad)	0.837	0.949	0.960	0.879	0.858	0.624	0.590	6060	1.457	1.990
Apparent Resistivity	ρa(Ω-m)	150	10.8	80	7.1	6.7	65	129	252	456	926
Magnetic Field	H (1)	0.7729 E-4	0.2118 E-3	0.3819 E-3	0.8003 E-3	0.1832 E-2	0.2766 E-2	0.7579 E-2	0.8725 E-2	0.822.1 E-2	0.7561 E-2
Electric Field	E (mV/km)	0.9573 E-1	0.1579 医土0	0.1728 E±0	0.2418 E±0	0.3797 E±0	0.3979 B±0	0.1088 E+1	0.1239 E+1	0.1.1.10 E+1	0.1044 E+1
Frequency	f (H2)	2048	1024	512	256	128	64	32	16	8	4
	No.	14	13	12	11	10	6	∞	7	9	22

Station No. 42

Date 1984/ 11/14 Tx Bipole No. 1

r requency	Electric Field	Magnetic Field	Apparent Resistivity	Phase Difference	Corrected Phase Difference	Corrected Difference	Current
(Hz)	E(mV/km)	(1) H	ρa(Ω-m)	PD(rad)	PD-C(rad)	PD-C(deg)	(A) T
2048	0.9858 E-1	0.7261 E-4	157	- 5.399	0.88	5 0.7	8.0
1024	0.1629 B±0	0.2055 E-3	114	0.921	0.92	5 2.8	13.0
512	0.1813 E±0	0.3464 E-3	106	0.927	0.93	53.1	13.0
256	0.2475 B+2	0.7395 E-3	18	0.862	0.86	4.9.4	13.0
128	0.4030 E±0	0.1659 E-2	26	0.860	0.86	4 9.3	13.0
64	0.3745 正土0	0.2395 E-2	76	0.569	0.57	3 2.6	1.3.0
3.2	0.1059 E+1	0.6909 E-2	147	0.406	0.41	23.2	1 3.0
16	0.1161 E+1	0.8020 E-2	262	6.826	0.5 4	31.1	1 3.0
8	0.8688 <u>E</u> ±0	0.7458 E-2	339	0.806	0.8.1	4 6.2	1 3.0
4	0.5411 E±0	0.6767 E-2	320	4.308	1.17	6.6.8	13.0

The state of the state of

Station No. 43

Date 1984/ 11/14

Tx Bipole No. 1

(Hz) E 2048 0.7 1024 0.13		31314 310 319 311	Resistivity	Difference	Phase Difference	e Difference	Current
	E (mV/km)	H (7)	ρa(Ω-m)	PD(rad)	PD-C(rad)	PD-C(deg)	I (A)
	0.7900 E-1	0.9620 E-4	99	-5.380	06.0	51.8	8:0
	0.1278 E±0	0.2450 E-3	53	1.002	1.00	57.4	1.3.0
	0.1397 E±0	0.4074 E-3	46	1.038	1.04	59.5	1 3.0
256 0.18	0.1876 E±0	0.8620 E-3	3.4	1.016	1.02	58.2	1 3.0
128 0.28	0.2802 E±0	0.2064 B-2	2.9	1.125	1.12	644	1 3.0
64 0.2	0.2445 E±0	0.2980 E-2	2.1	0.945	0.95	54.2	1 3.0
32 0.6	0.6432 E±0	0.7984 E-2	4.1	0.875	0.87	50.1	1 3.0
16 0.87	0.8759 B±0	0.9003 E-2	111	1.294	1.29	74.1	1 3.0
8 0.1(0.1022 E+1	0.8725 E-2	343	4.988	-1.30	-742	1 3.0
1 0.1	0.1172 E+1	0.8541 E-2	942	5.454	- 0.83	-47.5	1 3.0

Station No. 44

Tx Bipole No. 1 Date 1984/ 11/14

	Frequency	Electric Field	Magnetic Field	Apparent Resistivity	Phase Difference	Corrected Phase Difference	Corrected Difference	Current
No.	(H2)	E(mV/km)	(1) H	ρa(Ω-m)	PD(rad)	PD-C(rad)	PD-C(deg)	I (A)
14	2048	0.1584 E±0	0.8755 E-4	288	0.858	0.8 6	4 9.2	8.0
13	1024	0.2690 医土0	0.2327 E-3	261	1.040	1.04	59.6	13.0
1.2	512	0.2913 B±0	0.4061 E-3	201	-5.1.10	1.17	67.2	1 3.0
	256	0.3531 五土0	0.8891 E-3	123	1.230	1.23	7 0.5	13.0
10	128	0.5373 8±0	0.2079 B-2	104	1.328	1.33	76.1	13.0
6	64	0.4254 玉土0	0.3133 E-2	5.8	1.292	1.29	7.4.0	1 3.0
8	3.2	0.1075 E+1.	0.8126 E-2	109	1.408	0.3 6	2.0.7	1 3.0
7	16	0.1767 E+1	0.9419 E-2	440	1.523	1.52	87.2	13.0
9	8	0.2454 B+1	0.9172 E-2	1804	2.004	- 1.14	-65.2	1 3.0
5	4	0.3017 E+1	0.8563 E-2	6207	2.415	- 0.7 3	-41.7	1 3.0

Station No. 45

Date 1984/ 11/14 Tx Bipole No. 1

	Frequency	Electric Field	Magnetic Field	Apparent Resistivity	Phase Difference	Corrected Phase Difference	Corrected se Difference	Current
No.	f (H2)	E (mV/km)	н (т)	pa (D-m)	PD(rad)	PD-C(rad)	PD-C(deg)	(A) I
1.4	2048	0.1730 ₺±0	01461 E-3	138	0.278	0.28	15.9	8.0
1.3	1024	0.4283 正士0	0.3946 E-3	231	0.409	0.41	2 3.5	1 3.0
12	512	0.6276 E±0	0.7238 E-3	310	0.465	0.46	26.6	13.0
11	256	0.1085 E+1	0.1514 E-2	407	0.478	0.48	274	1 3.0
10	128	0.1884 五十1	0.3624 E-2	422	6.809	0.53	3 0.1	1 3.0
6	64	0.2210 E+1	0.5187 E-2	568	0.298	0.30	1.7.1	1 3.0
8	32	0.5560 E+1	0.1271 E-1	1196	0.265	0.27	152	1 3.0
2	16	0.5645 E+1	0.1343 E-1	2207	0.430	0.43	2 4.7	13.0
9	8	0.4253 E+1	0.1216 E-1	3058	0.686	0.69	393	1 3.0
ເດ	4	0.2748 E+1	0.1121 E-1	3000	0.972	7 6.0	5.5.7	1 3.0

Station No. 46

Date 1984/ 11/15 Tx Bipole No. 1

Current	I (A)	8.0	13.0	13.0	1 3.0	13.0	13.0	13.0	13.0	13.0	13.0
Cu	_					_		-			-
Corrected e Difference	PD-C(deg)	31.6	3 3.4	334	34.1	3 7.0	1.8.2	1 2.5	14.4	1.6.4	153
Corrected Phase Difference	PD-C(rad)	0.55	0.58	0.58	0.60	0.65	0.32	0.22	0.25	0.29	0.27
Phase Difference	PD(rad)	0.552	0.583	0.584	0.595	0.646	0.317	0.219	6.534	0.286	0.268
Apparent Resistivity	ρa(Ω-m)	59	6.1	19	7.2	7.1	86	181	328	495	678
Magnetic Field	H (7)	0.7521 E-4	0.1996 E-3	0.3320 E-3	0.6949 E-3	0.1574 E-2	0.2515 E-2	0.6922 E-2	0.7741 E-2	0.6692 E-2	0.5059 E-2
Electric Field	E(mv/km)	0.5723 E-1	0.1114 B±0	0.1378 E±0	0.2137 E±0	0.3354 E±0	0.4240 E±0	0.1178 E+1	0.1242 E+1	0.9411 E±0	0.6900 E±0
Frequency	f (H2)	2048	1024	512	256	128	64	3.2	16	8	4
ļ	No.	14	13	12	11	10	6	8	7	9	ις

4

Date 1984/ 11/15

Current	I (A)	8.0	1 3.0	1 3.0	1 3.0	13.0	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0	· H	Current	I (A)	8.0	13.0	1 3.0	13.0	1 3.0	1 3.0	1 3.0	13.0	1 3.0	13.0
Corrected e Difference	PD-C(deg)	23.4	3.0.8	3 5.1	3 5.3	3 1.9	18.8	2 1.0	3 4.8	5 9.3	- 1.6	Tx Bipole No. 1	seted	PD-C(deg)	2 5.0	8.99	-71.2	9.2 -	2 0.6	1 0.8	5.9.7	8 7.0	-72.5	-547
Corre Phase Dif	PD-C(rad)	0.41	0.54	0.61	0.62	0.56	0.33	0.3.7	0.6 1	1.04	- 0.03	11/15	Corrected Phase Difference	PD-C(rad)	0.44	1.1.7	- 1.24	-0.13	0.36	0.19	1.04	1.5 2	- 1.27	- 0.95
Phase Difference	PD(rad)	0.408	0.537	0.612	0.616	0.557	0.329	0367	6.891	1.035	1.542	Date 1984/ 1	Phase Difference	PD(rad)	0.437	-5.118	1.899	3.009	4.548	0.188	1.043	1.519	1.876	2.188
Apparent Resistivity	ρa (Ω-m)	143	179	215	222	209	340	706	1355	2448	4626		Apparent Resistivity	ρa(Ω-m)	7.7	24	2.2	1.2	0.1	2.1	180	1380	8213	4 09 2 3
Magnetic Field	H (r)	0.1821 E-3	0.2441 E-3	0.3925 E-3	0.8270 E-3	0.1838 E-2	0.2950 E-2	0.7862 E-2	0.8395 E-2	0.7361 E-2	0.5906 E-2		Magnetic Field	H (r)	0.7280 E-4	0.1631 E-3	0.2638 E-3	0.5647 6-3	0.1320 E-2	0.2273 E-2	0.6342 E-2	0.6966 E-2	0.5940 E-2	0.4534 E-2
Electric Field	E (mV/km)	0.1208 B±0	0.2335 E±0	0.2915 E±0	0.4272 医土0	0.6716 E±0	0.9727 E±0	0.2643 E+1	0.2763 E+1	0.222 E+1	0.1772 E+1	Station No. 48	Electric Field	E(mV/km)	0.6421 E-1	0.5690 E-1	0.6310 E-1	0.6838 E-1	0.1043 E±0	0.1869 E±0	0.1077 E+1	0.2315 E+1	0.3403 E+1	0.4111 E+1
Frequency	f (H2)	2048	1024	512	256	128	64	32	16	8	4	Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4
}	No.	14	13	12	11	10	6	8	7	9	S.			No.	14	1.3	12	11	10	6	8	7	9	ເດ

Date 1984/ 11/15 Tx Bipole No. 1

Ī			1	_	60				-	T	<u> </u>	Γ			1	1				T	T	١	1	Т-	Τ_
	Current	I (A)	8.0	1.3.0	13.0	1 3.0	13.0	13.0	1 3.0	1 3.0	1 3.0	13.0	r ⊷t	Current	(A) I	8.0	13.0	13.0	1 3.0	1 3.0	13.0	13.0	1 3.0	13.0	13.0
	cted	PD-C(deg)	34.1	3 7.0	4 1.5	41.7	42.7	23.8	19.5	25.0	35.6	44.4	Tx Bipole No. 1	Corrected Difference	PD-C(deg)	41.3	5 2.9	53,6	52.9	4.7.8	29.7	2 3.8	3 4.5	5.59	8 5.3
	Corrected Phase Difference	PD-C(rad)	0.60	0.65	0.72	0.73	0.74	0.42	0.34	0.44	0.62	7.2.0		Corrected Phase Difference	PD-C(rad)	0.72	0.92	0.93	0.92	0.83	0.52	0.42	0.60	76.0	1.49
	Phase Difference	PD(rad)	0.596	0.646	0.724	0.727	0.744	0.416	0.340	0.437	0.622	0.774	Date 1984/ 11/15	Phase Difference	PD(rad)	0.721	0.923	0.935	0.924	0.834	0.518	0416	0.885	0.975	1.488
	Apparent Resistivity	ρa (Ω-m)	8.6	136	124	127	123	129	251	423	567	552		Apparent Resistivity	ρa(Ω-m)	175	140	115	88	7.2	9.2	155	284	406	496
	Magnetic Field	H (7)	0.7615 E-4	0.1641 E-3	0.3021 E-3	0.6165 E-3	0.1423 E-2	0.2348 E-2	0.6731 E-2	0.7671 E-2	0.5736 E-2	0.6048 E-2		Magnetic Field	H (1)	0.5680 E-4	0.1469 E-3	0.2514 E-3	0.5481 E-3	0.1260 E-2	0.2059 E-2	0.6028 E-2	0.6830 E-2	0.6229 E-2	0.5379 E-2
	Electric Field	E (mV/km)	0.7538 E-1	0.1369 压土0	0.1696 玉土0	0.2493 E±0	0.3989 医土0	0.4774 E±0	0.1349 E+1	0.1412 E+1	1.0143 B±0	0.6356 医土0	Station No. 50	Electric Field	E(mV/km)	0.7552 E-1	0.1235 E±0	0.1362 15土0	0.1847 医土0	0.2705 B±0	0.3213 E±0	0.9498 医士0	0.1031 五十1	0.7940 E±0	0.5357 11年0
	Frequency	f (Hz)	2048	1024	512	256	128	64	32	16	8	4	Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4
		No.	14	13	12	11	10	6	®	2	9	5			Š	14	13	12	11	10	6	00		9	5

Date 1984/ 11/15

								4
	Frequency	Electric Field	Magnetic Field	Apparent Resistivity	Phase Difference	Corrected Phase Difference	ected fference	Current
No.	f (Hz)	E (mV/km)	(<i>1</i>) H	oa (n-m)	PD(rad)	PD-C(rad)	PD-C(deg)	I (A)
1.4	2048	0.7113 E-1	0.6436 E-4	108	- 5.5 1 1	0.77	44.3	8.0
1.3	1024	0.1459 E±0	0.1.555 E-3	172	0.546	0.55	31.3	1 3.0
12	512	0.1954 B±0	0.2717 B-3	203	0.569	0.57	32.6	13.0
11	256	0.3180 E±0	0.5244 E-3	288	0.609	0.61	34.9	13.0
10	128	0.5085 E±0	0.1298 E-2	235	0.746	0.75	4 2.8	13.0
6	64	0.6241 E±0	0.2413 E-2	265	0.427	0.43	2 4.4	1.3.0
8	3.2	0.1688 E+1	0.6123 E-2	475	-2.897	0.24	14.0	1.3.0
7	16	0.1731 B+1	0.6684 E-2	838	3.3 4 0	0.20	11.4	1.3.0
9	8	0.1347 E+1	0.5656 B-2	1422	3.3 2 2	0.18	1 0.3	1.3.0
5	4	0.9555 医土0	0.5062 E-2	2443	3.252	0.11	6.3	1 3.0
	Stat	Station No. 52			Date 1984/	11/15	Tx Bipole No. 1	€~4
	Frequency	Electric Field	Magnetic Field	Apparent Resistivity	Phase Difference	Corrected Phase Difference	Corrected Difference	Current
No.	(Hz)	E(mV/km)	H (7)	ρa(Ω-m)	PD(rad)	PD-C(rad)	PD-C(deg)	I (A)
1.4	2048	0.1656 E±0	0.5575 E-4	891	- 5.716	0.57	3.2.5	8.0
13	1024	0.3820 五七0	0.1586 E-3	1070	0.535	0.53	3.0.6	13.0
12	512	0.4995 五土0	0.2704 E-3	1551	0.559	0.56	3 2.0	1 3.0
1.1	256	0.8716 E±0	0.5618 E-3	1987	0.601	0.60	34.5	1 3.0
10	128	0.1338 E+1	0.1357 E-2	1569	0.7 4 5	0.74	4.2.7	13.0
6	64	0.1674 B+1	0.2265 E-2	1706	0.363	0.36	20.8	13.0
8	3.2	0.4576 E+1	0.6479 E-2	3118	0.2.0 7	0.21	11.8	1 3.0
7	16	0.4780 E+1	0.7061 E-2	5729	3.295	0.15	8.8	1 3.0
9	8	0.3907 E+1	0.6125 E-2	10179	3.244	0.10	5.9	13.0
5	4	0.3201 E+1	0.4971 E-2	20748	3.144	0.00	0.1	13.0

Tx Bipole No. 1

Date 1984/ 11/15

		,		_						,		۳			انسم	_		-						7
Current	I (A)	8.0	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0	1.3.0	1 3.0	1 3.0	T. Current	Current	I (A)	8.0	1 3.0	13.0	1.3.0	13.0	13.0	13.0	13.0	1 3.0	13.0
Corrected	PD-C(deg)	2 2.8	29.3	3.5.0	4 0.3	38.8	2 0.1	21.4	3 1.3	51.1	7.8.2	Tx Bipole No. 1	ference	PD-C(deg)	28.8	3 4.6	3.5.8	31.4	3 0.4	1.8.1	224	3.9.9	6.8.8	6.7.7 –
Corre Phase Dif	PD-C(rad)	0.4.0	0.51	0.61	0.70	0.68	0.35	0.37	0.55	0.89	1.36	Corr	Phase Difference	PD-C(rad)	0.50	09:0	0.63	0.55	0.53	0.32	680	0.70	120	- 1.36
Phase Difference	PD(rad)	0.399	0.511	6.833	0.704	6.961	0.350	0.373	0.546	0.891	1.364	Date 1984/ 11/16 Phase	Difference	PD(rad)	-5.780	0.604	0.626	0.549	0.530	0.31.5	0.391	6.980	1.200	1.782
Apparent Resistivity	ρa (Ω-m)	167	189	243	230	217	313	618	1080	1550	2030	Apparent	Resistivity	ρa(Ω-m)	217	245	270	297	321	532	1193	2325	4029	7401
Magnetic Field	н (т)	0.4614 E-4	0.1223 E-3	0.2136 E-3	0.4828 E-3	0.1150 E-2	0.2019 E-2	0.6135 E-2	0.6732 E-2	0.5930 B-2	0.4896 E-2	Magratic Bield		н (r)	0.1043 E-3	0.2889 E-3	0.5018 E-3	0.1072 E-2	0.2616 E-2	0.3949 E-2	1.0035 E-2	0.1081 E-1	0.9780 E-2	0.8699 E-2
Electric Field	E (mV/km)	0.5555 B-1	0.1203 E±0	0.1683 正土0	0.2614 E±0	0.4392 E±0	0.6389 E±0	0.1920 E+1	0.1979 E+1	0.1477 E+1	0.9717 E±0	Station No. 54	מופכונוכ מופוס	E(mV/km)	0.1556 E±0	0.3232 E±0	0.4152 B±0	0.6620 E±0	0.1185 E+1	0.1629 E+1	0.4383 E+1	0.4664 E+1	0.3926 E+1	0.3347 E+1
Frequency	f (Hz)	2048	1024	512	256	128	64.	3.2	16	8	4	Statio	r requency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4
	No.	14	1.3	12	11	0 τ	6	œ	7	9	Ś			No.	14	13	12.	11	10	6	œ	7	Ģ	2

*** Measured Data List ***

			, ,						*******		T			F		~~~							_	Γ.	
	Current	I (A)	8.0	1 3.0	13.0	13.0	1 3.0	1 3.0	13.0	1 3.0	1 3.0	1 3.0		Current	I (A)	8.0	1 3.0	1 3.0	1 3.0	1 3.0	13.0	13.0	1 3.0	1 3.0	1 3.0
Tx Bipole No. 1	cted	PD-C(deg)	39.1	4 0.9	4 0.0	36.1	3 1.1	16.7	14.6	20.1	28.8	3 4.7	Tx Bipole No. 1	Corrected Difference	PD-C(deg)	3 0.2	31.7	3 4.3	31.7	2 3.8	12.7	10.4	111	10.1	7.9
	Corrected Phase Difference	PD-C(rad)	0.68	0.71	0.70	0.63	0.54	0.29	0.25	0.3 5	0.50	0.61	11/16	Corrected Phase Difference	PD-C(rad)	0.53	0.55	0.6.0	0.5 5	0.42	0.22	0.18	0.19	0.18	0.14
Date 1984/ 11/16	Phase Difference	PD(rad)	- 5.601	0.714	0.699	0.630	0.543	0.292	0.255	6.634	0.503	0.606	Date 1984/ 1	Phase Difference	PD(rad)	-5.756	0.553	0.598	0.553	0.416	0.221	0.182	6.4.76	3.3.18	3.280
	Apparent Resistivity	ρa (Ω-m)	94	109	106	121	115	178	356	625	873	086		Apparent Resistivity	ρa(Ω-m)	24	35	40	46	48	85	162	283	458	751
	Magnetic Field	(<i>L</i>) H	0.1270 E-3	0.3664 E-3	0.6822 E-3	0.1523 E-2	0.3928 E-2	0.5716 E-2	0.1364 E-1	0.1456 E-1	0.1336 E-1	0.1214 E-1		Magnetic Field	H (r)	0.1828 E-3	0.4893 E-3	0.9030 E-3	0.1980 E-2	0.5167 E-2	0.7213 E-2	0.1691 E-1	0.1795 E-1	0.1664 E-1	0.1567 E-1
Station No. 55	Electric Field	E(mV/km)	0.1297 E±0	0.2746 E±0	0.3552 E±0	0.5992 E±0	0.103.7 E+1	0.1366 B+1	0.3258 E+1	0.3225 E+1	0.2497 E+1	0.1699 E+1	Station No.56	Electric Field	E(mV/km)	0.9182 E-1	0.2077 E±0	0.2873 E±0	0.4835 五土0	0.9037 E±0	0.1189 E+1	0.2725 E+1	0.2700 E+1	0.2252 E+1	0.1920 E+1
Stat	Frequency	f (Hz)	2048	1024	512	256	12.8	9.4	3.2	1.6	8	4	Stati	Frequency	f (Hz)	.2048	1024	512	256	128	64	3.2	16	8	**
		No.	1.4	13	12	1.1	10	6	∞	7	9	2			No.	14	13	12	1.1	10	6	8	7	9	5

Tx Bipole No. 1

Date 1984/ 11/16

1				_	_										·	T					T	Т-	i		
	Current	I (A)	8.0	13.0	1 3.0	13.0	1 3.0	13.0	1.3.0	13.0	1.3.0	13.0		Current	(A) I	8.0	130	1 3.0	130	1 3.0	130	1 30	130	1 3.0	1 3.0
	Corrected e Difference	PD-C(deg)	27.2	2 4.7	2 2.8	19.5	13.9	8.1	11.5	18.4	2.5.7	25.2	Tx Bipole No. 1	cted	PD-C(deg)	423	4 1.0	3 6.8	30.1	2 1.1	1.1.1	11.1	15.4	1 9.2	19.0
-	Corre Phase Dif	PD-C(rad)	0.47	0.43	0.40	0.34	0.24	0.14	0.20	0.32	0.45	0.44	11/16	Corrected Phase Difference	PD-C(rad)	0.74	0.71	0.64	0.53	0.37	0.19	0.19	0.27	0.34	0.33
	Phase Difference	PD(rad)	0.475	0.4.30	6.682	6.623	6.527	0.141	0.201	0.321	0.448	0440	Date 1984/ 1	Phase Difference	PD(rad)	- 5.545	0.7.1.5	0.642	0.525	0.368	0.194	0.194	6.553	0.336	3.473
	Apparent Resistivity	ρ a (Ω-m)	609	693	902	1408	1771	3720	7450	12501	17305	1.8.57.3		Apparent Resistivity	pa(Q-m)	370	384	392	475	549	1052	2102	3581	5320	6830
	Magnetic Field	н (т)	0.1176 E-3	0.3450 E-3	0.6176 E-3	0.1408 E-2	0.3729 E-2	0.5355 E-2	0.1302 E-I	0,1391 E-1	0.1273 E-1	0.1187 E-I		Magnetic Field	H (7)	0.1501 E-3	0.4106 E-3	0.6959 E-3	0.1486 E-2	0.3736 E-2	0.5441 E-2	0.1323 E-1	0.1424 E-1	0.1240 E-1	0.1136 E-1
	Electric Field	E (mV/km)	0.2934 B±0	0.6498 5年0	0.9385 E±0	0.1890 E+1	0.3970 E+1	0.5843 正十1	0.1422 E+2	0.1391 E+2	0.1059 E+2	0.7229 E+1	Station No. 58	Electric Field	E(mV/km)	0.2921 E±0	0.5751 E±0	0.6970 E±0	0.1159 E+1	0.2212 E+1	0.3157 E+1	0.7675 E+1	0.7509 E+1	0.5721 E+1	0.4200 E+1
	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	တ	4	Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4
	Ιτι	No	14	13	12	11	10	6	8	7	9	5			No.	14	13	12	11	10	6	8	7	9	ເດ

*** Measured Data List ***

	Current	(A) I	8.0	13.0	1 3.0	1.3.0	1 3.0	1.3.0	1 3.0	13.0	13.0	1 3.0		Current	I (A)	2.7	13.0	13.0	13.0	13.0	1.3.0	13.0	13.0	13.0	13.0
Tx Bipole No. 1	Corrected e Difference	PD-C(deg)	35.7	4 9.7	5 4.0	4 1.6	3.7.8	1 3.9	174	3 6.3	66.1	-25.9	Tx Bipole No.1	cted	PD-C(deg)	8.6	4 3.3	4 2.1	34.2	2 4.4	6.3	1 2.2	25.2	4 3.4	64.9
	Corre Phase Dif	PD-C(rad)	0.62	7 8.0	0.94	0.73	0.66	0.2 4	0.3.0	0.63	1.15	-0.45		Corrected Phase Difference	PD-C(rad)	0.1.7	0.76	0.73	0.60	0.43	0.11	0.2.1	0.44	0.76	1.13
Date 1984/ 11/16	Phase Difference	PD(rad)	0.623	0.867	-5.341	0.726	6.943	0.242	0.303	0.634	1.154	1.642	Date 1984/ 11/16	 Phase Difference	PD(rad)	1.741	0.756	0.734	0.596	6.708	0.110	0.213	0.4 4 0	0.758	1.133
	Apparent Resistivity	(m-1) ed	206	188	119	132	2.6	170	457	9.4.7	1563	2456		Apparent Resistivity	ρa(Ω-m)	1488	1482	1193	1650	1422	0562	7102	13191	18222	19340
	Magnetic Field	H (1)	0.1148 E-3	0:3610 E-3	0.7393 E-3	0.1780 E-2	0.4833 E-2	0.6886 E-2	0.1624 E-1	0.1718 E-1	0.1573 E-1	0.1482 E-1		Magnetic Field	н (r)	0.8075 B-4	0.3129 E-3	0.6291 E-3	0.1534 12-2	0.4290 E-2	0.5832 E-2	0.1377 E-1	0.1478 E-1	0.1354 E-1	0.1274 E-1
Station No.59	Electric Field	E(mV/km)	0.1757 E±0	0.3543 E±0	0.4080 E±0	0.7308 5土0	0.1164 E+1	0.1606 B+1	0.4393 E+1	0.4730 E+1	0.3934 E+1	0.3.285 B+1	Station No.60	Blectric Field	E(mv/km)	0.3407 医土0	0.8 5 2 0 E±0	0.1099 E+1	0.2229 E+1	0.4092 E+1	0.5666 B+1	0.1468 B+2	0.1519 E+2	0.1156 E+2	0.7922 E+1
Stat	Frequency	f (Hz)	2048	1024	512	256	128	64	32	16	88	4	Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4
		No.	14	13	12	11	10	6	8	7	9	2			No.	1.4	13	12	11	10	6	80	7	9	5

Tx Bipole No. 1 PD-C(deg) Corrected Phase Difference PD-C(rad) 0.3 5 0.25 0.17 0.19 0.22 0.34 0.37 0.17 0.17 0.41 Date 1984/ 11/16 Phase Difference 0.413 0.216 0.343 0.366 0.173 0.166 0.187 6.629 6.534 0.173 PD(rad) Resistivity 2869 5362 317 527 821 1571 1144 9281 15184 23233 0 a (O2-m) Apparent Magnetic Field 0.9827 E-3 0.2165 E-2 0.7242 E-2 0.2764 E-3 0.5147 E-3 0.5479 E-2 0.1631 E-1 0.1535 E-1 0.1690 E-1 0.1800 E-1 H (7) E+2 0.1271 E+2 0.1014 E+2 Electric Field 0.2724 E±0 0.8458 正土0 0.1565 E+2 0.1424 E+1 0.2621 E+1 0.6940 E+1 0.5494 E+1 E(mV/km) 0.1551 Station No. 61 (Hz) 256 2048 512 128 33 16 1024 64 œ Frequency

Š

14

12

0

σ

œ

რ ლ

7.5 13.0 13.0 13.0 13.0 1 3.0 13.0 13.0 13.0 13.0

23.7

19.6

19.8 21.0

9.9 9.5 10.7

144

Current (A)

13.0 13.0 1 3.0 13.0 I (A) 133 13.0 13.0 13.0 13.0 7.2 PD-C(deg) 15.6 2 0.9 24.2 1 0.9 10.2 151 13.2 6.2 1.6.1 11.7 Phase Difference Corrected PD-C(rad) 0.26 0.2.7 0.36 0.42 0.28 0.23 0.20 0.19 0.18 0.11 Difference 6.706 6.564 0.230 0.204 0.190 0.178 0.108 0.272 PD(rad) 0.264 0.364 Phase Apparent Resistivity 1746 5583 6449 9038 15679 26760 45300 74843 129620 3477 pa(Q-m) 0.4729 E-3 0.2079 E-2 0.7257 E-2 0.1524 E-1 0.1410 E-3 0.9206 E-3 0.5569 B-2 Magnetic Field 0.1680 E-1 0.1783 E-1 0.1664 E-1 H (7) 0.1626 E+2 0.2880 E+2 0.2458 E+2 0.1339 E+2 03476 E+2 0.3395 E+2 Electric Field 0.6132 E±0 0.1993 E+1 0.5975 E+1 0.3480 E+1 E(mV/km) (Hz) 2048 1024 256 128 512 32 16 ∞ 64 Frequency 13 Ŋo. 10 7.4 თ 9 7

1

...

Tx Bipole No. 1

Date 1984/ 11/17

Station No. 62

66

124

ဖ

*** Measured Data List ***

	Current	I (A)	7.5	1 3.0	1 3.0	1 3.0	130	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0			Current	I (A)	7.5	13.0	1 3.0	13.0	1 3.0	1 3.0	13.0	1 3.0	1 3.0	1.3.0
Tx Bipole No. 1	cted	PD-C(deg)	38.4	3 4.9	3 0.2	28.0	2 2.6	12.4	1 0.2	1 4.0	2 0.5	2 3.7		Tx Bipole No. 1	cted	PD-C(deg)	3.2.8	3 0.8	28.4	2 9.3	219	1 2.8	8.6	123	17.4	1.7.5
	Corrected Phase Difference	PD-C(rad)	0.67	0.61	0.53	0.4.9	0.39	0.22	0.18	0.24	0.36	0.41		11/17	Corrected Phase Difference	PD-C(rad)	0.57	0.54	0.49	0.51	0.38	0.22	0.17	0.21	0.30	0.30
Date 1984/ 11/17	Phase Difference	PD(rad)	0.670	0.609	0.527	0489	6.678	0.217	0.178	0.244	0.358	0.413		Date 1984/ 1	Phase Difference	PD(rad)	-5710	0.538	0.495	0.511	0.382	0.223	0.170	6.498	0.305	3.446
	Apparent Resistivity	(ω-Ω) εσ	230	268	325	426	513	861	1723	3162	4900	6215	· .		Apparent Resistivity	ρa(Ω-m)	477	620	815	1008	1119	1859	3630	6737	10721	14544
	Magnetic Field	н (т)	0.1578 E-3	0.5496 E-3	0.1066 E-2	0.2424 E-2	0.6199 E-2	0.8325 E-2	0.1857 E-1	0.1969 E-1	0.1781 E-1	0.1596 E-1			Magnetic Field	H (r)	0.1485 E-3	0.5067 E-3	1.0030 E-2	0.2304 E-2	0.5923 E-2	0.7673 E-2	0.1763 E-1	0.1855 E-1	0.1667 E-1	0.1660 E-1
Station No.63	Electric Field	E (mV/km)	0.2468 E±0	0.6432 E±0	0.9962 E±0	0.1790 E+1	0.3551 E+1	0.4229 E+1	0.9746 E+1	0.9907 E+1	0.7884 E+1	0.5626 E+1		Station No.64	Electric Field	E(mV/km)	0.3402 E±0	0.8948 E±0	0.1448 E+1	0.2617 E+1	0.5013 E+1	0.5785 E+1	0.1344 E+2	0.1362 E+2	0.1109 E+2	0.8159 E+1
Stat	Frequency	f (Hz)	2048	1024	512	256	128	64	32.	1.6	8	4		Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	. 32	16	8	4
		No.	14	13	12	11	10	တ		7	9	5				No.	14	13	12	11	10	6	8	7	9	5

Tx Bipole No. 1.

Date 1984/ 11/17

Station No. 65

}

13

12

13.0 130 130 13.0 13.0 130 1 3.0 13.0 13.0 Current \mathfrak{F} PD-C(deg) 29.2 3 2.2 34.9 1 2.2 14.6 183 17.9 33.4 24.1 15.1 Phase Difference Corrected PD-C(rad) 0.32 0.56 0.58 0.42 0.26 0.25 0.31 0.51 0.61 0.210.562 0.583 0.609 0.420 Difference 0.263 6.603 - 5773 0.214 6.537 0.313 PD(rad) Phase Apparent Resistivity 3358 2997 4131 4444 4627 7916 14930 26210 39500 54083 (m-10) rd Magnetic Field 0.1164 E-3 0.3817 E-3 0.1673 E-2 0.7201 E-3 E-1 0.4459 E-2 0.5276 B-2 0.1354 E-1 0.1465 E-1 0.1383 E-1 (L) H 0.1.2.76 Electric Field 0.3992 E+1 0.2.0.93 B+2 0.2121 E+2 01738 E+2 0.1327 E+2 0.6439 五土0 0.1582 E+1 0.7647 E+1 0.9245 E+1 0.2342 E+1 E (mV/km) f (Hz) 512 256 16 2048 1024 128 64 32 œ Frequency

13.0 Current 7.5 130 13.0 13.0 13.0 13.0 13.0 13.0 13.0 (A) I PD-C(deg) 25.6 25.2 27.6 3 3.9 2.2.2 16.3 1.4.1 14.4 1 1.8 1 4.3 Phase Difference Corrected PD-C(rad) 0.45 0.4.4 0.48 0.59 0.39 0.28 0.25 0.25 0.25 0.21 0.447 0.441 6.765 0.591 6.670 0.285 0.247 0.249 0.252 0.207 Difference PD(rad) Phase Apparent Resistivity 798 1440 1958 2014 2300 3853 6690 11056 16913 pa (Q-m) 26483 Magnetic Field 0.3881 E-3 0.1715 E-2 표~ 3 0.1290 E-3 0.7446 E-3 0.4527 E-2 0.5865 E-2 0.1346 E-1 0.3386 E-1 0.1284 E-1 ́н (У) 0.1355 Electric Field 0.3856 B±0 0.1053 E+1 0.2754 E+1 01393 E+2 0.1364 E+2 0.1137 E+2 日 十 1 0.6512 E+1 0.1667 E+1 0.5492 E+1 E(mv/km) 0.9342 256 16 **f** (Hz 2048 1024 512 128 64 32 Frequency ż (C) 2 1 10 Û 00 9

1

Tx Bipole No. 1

Date 1984/ 11/17

Station No. 66

4.5

က်ကြ

တ ထြ

Current	I (A)	7.5	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0	: :	Current	(A) I	7.5	14.0	13.0	13.0	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0	1 3.0
Corrected	PD-C(deg)	2 8.3	3.4.2	3 6.0	4 1.0	2 5.3	1.7.6	1.5.1	16.2	1.6.9	14.0	Tx Bipole No. 1	cted	PD-C(deg)	8.0	15.0	21.2	28.9	21.0	15.3	1 3.9	14.7	14.5	139
Corr Phase D	PD-C(rad)	0.49	0.60	0.63	0.72	0.44	0.31	0.26	0.28	0.29	0.24		Corrected Phase Difference	PD-C(rad)	0.14	0.26	0.37	0.50	0.37	0.27	0.2.4	0.26	0.25	0.24
Phase	PD(rad)	-5.789	0.596	0.629	0.715	0.442	0.306	0.263	6.566	6.5 7 8	6.528	Date 1984/ 11/17	Phase Difference	PD(rad)	0.1 4 0	0.262	6.653	0.504	6.649	0.268	0.242	0.257	0.253	0.243
Apparent Resistivity	ρa (Ω-m)	1335	1894	2403	2061	2149	3592	6533	10440	15344	21112		Apparent Resistivity	ρa(Ω-m)	444	794	1137	1435	1586	2657	4544	7548	11687	17752
Magnetic Field	H (7)	0.9811 E-4	0.3073 E-3	0.5875 E-3	0.1454 E-2	0.3899 E-2	0.5067 E-2	0.1179 E-1	0.1273 E+1	0.1233 E+1	0.1208 E+1		Magnetic Field	н (т)	0.1706 E-3	0.4816 E-3	0.8423 E-3	0.1685 E-2	0.4272 E-2	0.5520 E-2	0.1263 E-1	0.1381 E-1	0.1292 E-1	0.1219 E-1
Electric Field	E (mV/km)	0.3642 医土0	0.9596 B±0	0.1463 E+1	0.2363	0.4574 E+1	0.5433 E+1	0.1183 E+2	0.1175 E+1	1.0415 B+1	0.783.7 E+1	Station No. 68	Electric Field	E(mV/km)	0.3627 E±0	0.9737 £±0	0.1437 E+1	0.2284 E+1	0.4302 E+1	0.5332 E+1	0.1129 E+2	0.1073 E+2	0.8833 E+1	0.7253 8+1
Frequency	f (Hz)	2048	1024	512	256	128	6.4	32	16	8	4.	Static	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4
	No.	14	13	12	11	10	6	8	7	9	5			No.	14	13	12	11	10	6	8	2	9	2

*** Measured Data List ***

Date 1984/ 11/17

										سسم	*		-	·		-						_	-	_
Current	I (A)	7.5	1 3.0	13.0	1 3.0	1 3.0	1 3.0	13.0	1 3.0	13.0	1 3.0		Current	I (A)	7.0	13.0	1 3.0	13.0	1 3.0	13.0	13.0	13.0	13.0	1 3.0
Corrected e Difference	PD-C(deg)	27.8	41.3	57.0	68.1	8 6.9	9'82-	824	8.5	- 675	- 4 7.2	Tx Bipole No. 1	cted	PD-C(deg)	1.6.7	2 5.7	3 1.9	38.1	25.7	18.2	15.6	171	17.9	15.7
Corre	PD-C (rad)	0.49	0.7.2	6.6.0	1.19	1.5 2	- 1.3 7	1.44	1.56	-1.18	- 0.8 2		Corrected Phase Difference	PD-C(rad)	0.29	0.45	0.56	0.66	0.45	0.32	0.27	0.30	0.31	0.2.7
Phase Difference	PD(rad)	0.485	0.720	0.994	1.188	1.517	1.770	1.439	1,561	1.963	2.319	Date 1984/ 11/18	Phase Difference	PD(rad)	-5.991	0.448	0.557	0.665	0.448	0.317	0.273	6.582	6.596	3.416
Apparent Resistivity	pa (n-m)	96	133	135	96	80	2.9	2.7	140	769	2961		Apparent Resistivity	ρa(Ω-m)	605	798	1047	973	991	1623	2796	4479	6542	8885
Magnetic Field	H (1)	0.1329 E-3	0.3597 E-3	0.7029 E-3	0.1561 E-2	0.4009 E-2	0.5403 E-2	0.1342 E-1	0.1458 E-1	0.1327 E-1	0.1166 E-1		Magnetic Field	Н (1)	0.9837 E-4	0.3070 E-3	0.5543 E-3	0.1268 E-2	0.3298 E-2	0.4278 E-2	0.1001 E-1	0.1076 E-1	0.1071 E-1	0.1035 E-1
Electric Field	E (mV/km)	0.1288 E±0	0.3197 E±0	0.4113 E±0	0.5470 五土0	0.9318 E±0	0.5396 E±0	0.8994 E±0	0.1548 E+1	0.2.2.7.8 E+1	0.2838 E+1	Station No. 70	Electric Field	E(mV/km)	0.2446 E±0	0.6283 E±0	0.9075 B±0	0.1415 E+1	0.2627 E+1	0.3083 E+1	0.6697 E+1	0.6682 E+1	0.5481 E+1	0.4365 B+1
Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4	Stati	Frequency	f (Hz)	2048	1024	512	256	128	64	3.2	16	8	4
	No.	14	13	12	11	10	6	00	~	9	S.	•		Š.	14	3	2	-	10	6	8	7	9	22