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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Station location map and audio-magnetotelluric
data log for the area around Coso Hot Springs,
California

by

D. B. Jackson, D. I. Gregory and R. P. Kucks

Open-File Report 77-677

**UNIVERSITY OF UTAH
RESEARCH INSTITUTE
EARTH SCIENCE LAB.**

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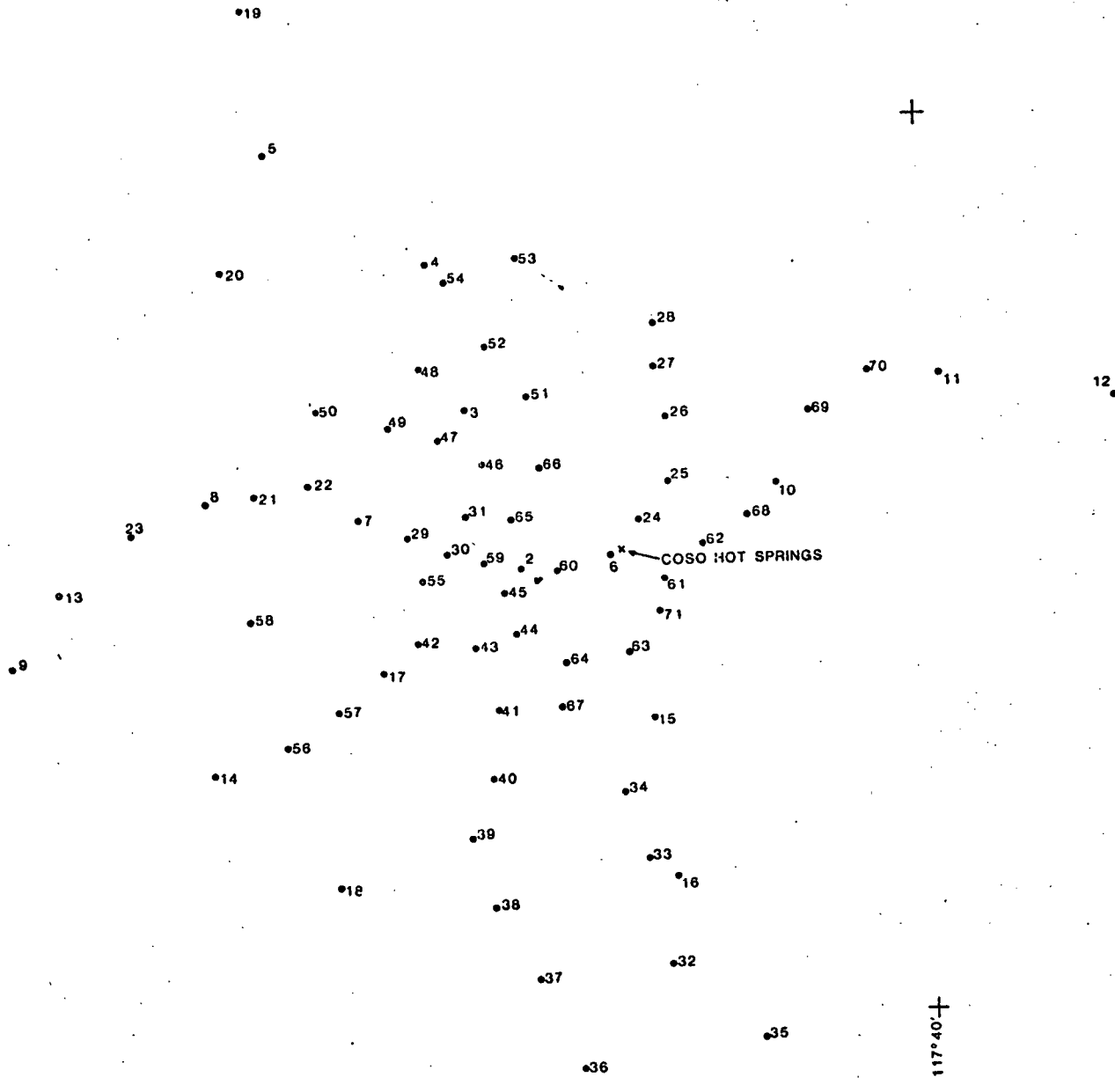


Figure 1.--Audio magnetotelluric station location map for the area around Coso Hot Springs, California.

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

pa = observed apparent resistivity in ohm-metres
 N = number of observations
 Er = standard error in ohm metres :- = no data

"NOTE" - Telluric line orientation indicated with station numbers.

Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
1NS	pa	10.0	17.4	20.8	25.7	45.4	50.1						
	N	10	7	8	10	9	10						
	Er	0.9	1.0	0.7	1.5	2.9	3.8						
1EW	pa	11.0	10.1	15.0	20.8	45.6	43.7						
	N	10	8	6	10	9	10						
	Er	0.4	0.8	0.6	0.6	1.4	1.4						
2NS	pa	6.2	5.3	8.1	1.9	10.2	22.4						
	N	12	8	10	11	10	10						
	Er	0.8	0.3	0.3	0.2	1.2	1.4						
2EW	pa	11.6	7.6	7.9	6.1	11.6	18.3						
	N	9	9	10	11	10	10						
	Er	1.3	1.0	0.3	0.4	0.2	0.6						
3NS	pa	94.4	89.9	84.9	56.7	87.5	21.3						
	N	6	7	6	6	6	10						
	Er	6.6	15.8	5.3	3.4	9.6	1.5						
3EW	pa	36.8	47.7	53.7	45.7	96.4	102.7						
	N	6	7	6	6	7	7						
	Er	3.3	3.9	1.6	3.2	4.1	15.7						
4NS	pa	123.9	115.1	346.5	136.5	290.3	397.9						
	N	9	7	9	10	7	12						
	Er	25.0	16.7	41.8	17.8	37.1	27.1						
4EW	pa	507.8	551.5	675.2	607.2	608.0	751.6						
	N	10	9	11	11	10	10						
	Er	61.7	54.6	23.8	27.7	19.3	41.2						

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
5NS	pa	562.3	565.9	603.8	474.2	631.0	500.7						
	N	10	9	11	10	10	10						
	Er	52.0	71.4	58.2	23.4	21.7	14.5						
5EW	pa	1561.1	1098.1	1153.6	821.5	838.9	547.6						
	N	10	9	10	10	10	10						
	Er	171.5	84.6	90.1	56.8	41.8	25.5						
6NS	pa	16.6	11.2	15.3	7.2	7.4	5.9						
	N	10	8	10	12	8	9						
	Er	1.2	1.5	1.5	0.4	0.5	0.8						
6EW	pa	9.7	5.0	5.9	5.1	9.2	12.4						
	N	9	11	10	12	10	12						
	Er	1.1	0.6	0.2	0.1	0.4	0.4						
7NS	pa	336.6	300.0	250.2	258.5	416.5	298.4						
	N	10	10	10	10	10	10						
	Er	19.6	29.4	18.8	22.9	21.5	16.6						
7EW	pa	299.7	123.4	238.0	194.1	314.3	335.4						
	N	10	10	10	10	10	10						
	Er	36.4	16.2	18.4	12.3	15.2	8.0						
8NS	pa	427.1	306.2	262.7	98.7	74.6	216.7						
	N	8	9	10	11	10	11						
	Er	32.4	17.7	11.6	8.5	2.6	49.5						
8EW	pa	174.2	93.4	70.0	36.7	20.1	56.7						
	N	12	9	9	12	10	11						
	Er	17.8	4.9	5.6	4.7	2.1	6.4						

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
9NS	pa	75.6	117.0	125.2	73.8	81.4	44.8						
	N	10	9	10	10	9	10						
	Er	10.9	5.1	13.8	7.6	4.4	3.6						
9EW	pa	53.8	42.8	54.8	33.9	53.5	33.4						
	N	10	10	10	10	10	10						
	Er	5.2	3.6	5.0	1.0	1.4	2.1						
10NS	pa	14.4	10.3	10.0	7.5	21.1	8.1						
	N	7	6	6	6	7	7						
	Er	0.8	0.9	1.8	0.4	0.8	1.0						
10EW	pa	5.2	3.5	2.9	2.2	8.6	15.4						
	N	8	7	7	8	7	8						
	Er	0.4	0.2	0.1	0.1	0.3	0.8						
11NS	pa	255.5	410.5	271.9	313.9	402.2	516.1						
	N	10	7	10	10	10	10						
	Er	433.4	67.3	23.1	17.4	24.9	85.5						
11EW	pa	340.4	253.3	369.3	297.7	374.7	305.9						
	N	6	10	10	10	10	10						
	Er	61.7	24.7	50.5	16.4	20.8	14.0						
12NS	pa	2097.8	199.2	41.9	143.3	97.5	105.2						
	N	11	8	7	10	9	10						
	Er	354.0	18.9	3.2	29.8	6.9	21.8						
12EW	pa	252.0	222.8	313.7	183.9	214.9	184.5						
	N	10	10	10	10	12	13						
	Er	20.0	16.3	26.8	7.4	3.4	11.9						

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
13NS	ρ_a	355.9	57.1	43.2	191.7	76.3	432.5						
	N	10	10	10	10	10	10						
	Er	30.1	3.7	2.6	16.6	7.3	10.7						
13EW	ρ_a	33.4	34.2	233.2	43.1	69.6	68.4						
	N	10	10	10	10	12	10						
	Er	3.1	3.4	15.1	1.5	2.1	4.6						
14NS	ρ_a	142.3	102.5	88.5	33.9	-	-						
	N	7	7	6	7	-	-						
	Er	7.1	4.1	4.8	1.1	-	-						
14EW	ρ_a	48.9	41.5	29.6	15.5	-	34.2						
	N	7	7	7	6	-	9						
	Er	2.4	4.1	1.4	1.4	-	2.8						
15NS	ρ_a	316.1	53.2	35.8	33.5	64.0	98.2						
	N	10	12	10	10	10	10						
	Er	59.1	6.6	5.4	2.0	2.5	4.2						
15EW	ρ_a	16.8	14.8	24.3	20.1	30.0	97.7						
	N	6	8	9	10	10	10						
	Er	5.0	3.8	2.3	2.5	0.8	8.2						
16NS	ρ_a	285.1	34.7	24.0	27.6	55.9	73.0						
	N	17	9	10	11	10	11						
	Er	33.5	4.6	2.4	1.2	1.7	3.1						
16EW	ρ_a	22.2	10.0	19.2	11.3	5.8	60.0						
	N	5	9	6	9	8	10						
	Er	3.5	1.4	5.4	1.4	0.9	2.2						

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		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
17NS	pa	326.8	187.9	201.7	88.2	100.6	34.9						
	N	7	6	7	6	6	9						
	Er	14.9	10.1	14.3	3.4	3.5	1.5						
17EW	pa	42.9	46.3	59.9	33.6	72.7	66.8						
	N	7	6	6	7	7	7						
	Er	1.8	5.2	2.3	1.0	2.3	2.2						
18NS	pa	101.7	72.9	69.3	27.5	-	28.2						
	N	6	6	7	6	-	5						
	Er	4.4	1.2	3.5	2.2	-	2.5						
18EW	pa	86.4	86.9	61.1	26.3	25.1	45.7						
	N	7	6	6	6	5	6						
	Er	10.6	7.1	3.6	1.0	0.9	3.9						
19NS	pa	404.6	331.1	-	170.0	-	-						
	N	2	2	-	5	-	-						
	Er	280.6	45.2	-	24.4	-	-						
19EW	pa	137.5	93.9	94.2	54.8	77.2	87.4						
	N	10	10	10	10	10	10						
	Er	12.4	6.0	8.0	3.1	1.6	2.9						
20NS	pa	3.3	231.5	200.3	93.9	114.1	70.4						
	N	4	9	6	10	10	12						
	Er	0.9	21.2	30.9	6.8	7.3	5.9						
20EW	pa	260.0	178.9	134.5	93.7	155.7	142.3						
	N	10	9	10	10	9	11						
	Er	70.0	30.0	8.9	9.0	14.1	15.1						

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		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
21NS	pa	330.7	203.4	156.2	75.3	84.6	55.8						
	N	6	7	7	7	2	5						
	Er	17.9	11.4	8.2	5.1	14.6	2.3						
21EW	pa	182.8	145.2	91.9	43.5	85.5	32.2						
	N	7	6	6	7	7	4						
	Er	3	18.0	6.3	3.1	3.1	8.6						
22NS	pa	245.8	177.0	174.8	97.9	252.0	115.7						
	N	8	7	8	7	9	7						
	Er	27.6	14.8	21.8	11.9	3.8	5.8						
22EW	pa	274.0	233.7	220.0	43.7	308.3	217.7						
	N	9	7	7	7	7	6						
	Er	33.2	17.0	19.9	8.2	14.7	17.8						
23NS	pa	24.6	17.2	22.0	13.9	-	-						
	N	9	8	8	8	-	-						
	Er	0.9	0.5	0.4	0.5	-	-						
23EW	pa	29.7	23.8	22.8	11.4	-	-						
	N	6	9	12	7	-	-						
	Er	3.3	0.6	0.9	0.8	-	-						
24NS	pa	7.1	11.3	5.5	3.1	4.5	3.4						
	N	6	5	6	6	6	6						
	Er	1.8	3.8	0.9	0.4	0.4	0.2						
24EW	pa	4.7	4.0	3.8	3.0	4.7	5.0						
	N	7	7	7	7	7	6						
	Er	0.4	0.3	0.2	0.2	0.4	0.2						

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
25NS	pa	18.4	11.5	13.0	12.8	19.8	8.2						
	N	7	7	7	7	6	6						
	Er	2.0	0.9	0.7	1.1	1.3	0.5						
25EW	pa	18.4	11.5	13.0	12.8	19.8	8.2						
	N	7	7	7	7	6	6						
	Er	2.0	0.9	0.7	1.1	1.3	0.5						
26NS	pa	68.8	46.6	52.5	43.9	44.3	20.3						
	N	8	7	7	7	7	8						
	Er	7.3	5.7	2.5	1.8	1.1	1.0						
26EW	pa	34.8	37.1	37.4	27.4	65.4	52.0						
	N	6	6	6	7	8	6						
	Er	6.1	5.7	2.8	1.2	3.2	1.3						
27NS	pa	107.7	67.7	77.0	40.2	47.9	19.5						
	N	7	6	7	7	6	6						
	Er	5.3	4.9	6.7	3.3	1.6	1.6						
27EW	pa	83.8	124.0	92.4	56.2	93.4	94.1						
	N	7	7	6	8	6	6						
	Er	9.8	14.2	5.4	2.7	3.6	2.9						
28NS	pa	85.0	73.4	61.5	27.5	21.6	9.0						
	N	6	6	7	7	6	6						
	Er	2.9	11.0	2.1	1.1	0.9	0.8						
28EW	pa	51.6	49.9	40.4	22.5	31.2	31.8						
	N	6	6	6	6	6	6						
	Er	3.2	4.1	2.4	0.7	1.9	1.2						

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
29NS	ρ_a	82.7	56.9	49.5	39.7	35.3	8.2						
	N	6	6	7	7	5	4						
	Er	3.5	4.5	3.8	2.7	4.9	1.0						
29EW	ρ_a	103.8	104.3	115.5	89.7	160.9	92.9						
	N	6	6	7	7	6	6						
	Er	8.1	5.7	7.8	4.6	3.9	10.9						
30NS	ρ_a	29.3	25.4	32.4	25.7	32.2	14.2						
	N	8	6	6	7	6	6						
	Er	2.6	2.0	4.5	1.3	3.4	0.6						
30EW	ρ_a	31.1	20.3	27.2	21.4	51.8	39.0						
	N	5	6	6	7	6	6						
	Er	4.7	2.6	1.0	0.6	1.2	1.2						
31NS	ρ_a	90.2	65.7	46.8	25.7	33.8	14.6						
	N	6	6	6	7	6	6						
	Er	24.0	7.6	2.7	1.4	2.1	2.0						
31EW	ρ_a	50.7	24.2	49.4	26.9	53.0	56.8						
	N	5	7	6	7	7	6						
	Er	5.3	0.8	2.4	4.7	2.6	5.8						
32NS	ρ_a	8.1	8.8	8.4	7.6	7.1	4.1						
	N	8	6	7	8	8	6						
	Er	0.8	1.1	0.8	0.3	0.3	0.3						
32EW	ρ_a	2.6	3.4	4.7	4.1	13.3	21.4						
	N	6	7	7	7	6	6						
	Er	0.6	0.5	0.3	0.1	0.2	1.8						

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
33NS	pa	20.9	27.7	40.6	26.3	34.7	10.2						
	N	6	7	6	7	6	6						
	Er	1.1	1.7	4.4	1.8	2.3	0.9						
33EW	pa	26.2	26.2	33.7	29.9	68.3	61.1						
	N	6	7	6	6	6	6						
	Er	3.2	1.9	2.5	1.2	5.0	2.7						
34NS	pa	38.1	43.7	83.0	38.8	35.3	25.2						
	N	6	6	7	7	6	6						
	Er	2.2	2.9	3.0	3.2	5.2	1.5						
34EW	pa	24.0	21.5	21.7	13.1	58.1	52.0						
	N	7	6	6	7	6	6						
	Er	1.6	1.8	2.7	1.9	9.6	5.2						
35NS	pa	3.9	2.1	2.4	1.5	2.6	2.1						
	N	6	6	6	6	6	7						
	Er	0.11	0.1	0.1	0.1	0.2	0.6						
35EW	pa	2.5	1.8	1.7	1.3	5.1	6.2						
	N	6	6	6	6	6	6						
	Er	0.3	0.1	0.1	0.1	0.1	0.3						
36NS	pa	50.4	64.4	58.1	32.8	21.3	6.7						
	N	7	6	7	7	6	6						
	Er	5.4	7.1	3.4	5.0	4.3	0.3						
36EW	pa	36.0	28.6	29.9	15.1	33.1	37.2						
	N	6	6	6	6	6	6						
	Er	1.4	2.0	1.6	1.5	2.5	3.5						

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
37EW	pa	16.1	13.9	11.5	9.3	16.2	10.8						
	N	9	7	6	7	6	7						
	Er	0.6	1.2	0.5	0.7	0.8	1.2						
37NS	pa	203.7	104.5	114.4	75.9	98.2	40.2						
	N	6	7	6	6	5	6						
	Er	12.6	10.7	4.9	1.6	13.9	1.5						
38NS	pa	272.5	212.0	225.7	15.9	-	18.3						
	N	7	7	7	6	-	5						
	Er	15.1	10.0	10.5	9.2	-	2.4						
38EW	pa	252.8	206.9	199.1	78.4	177.7	58.3						
	N	7	5	6	7	6	6						
	Er	10.5	25.4	26.3	4.5	23.5	6.0						
39NS	pa	176.4	170.9	218.8	210.7	131.4	54.2						
	N	6	6	6	6	6	6						
	Er	18.7	12.4	9.9	11.5	8.7	9.3						
39EW	pa	645.2	530.5	505.8	300.0	707.4	382.9						
	N	7	6	7	6	6	7						
	Er	40.6	47.5	46.4	17.1	80	53						
40NS	pa	137.9	110.5	145.9	127.6	103.8	32.3						
	N	8	7	8	7	6	6						
	Er	8.6	2.9	4.8	5.2	6.0	5.7						
40EW	pa	143.6	130.1	133.4	105.1	252.4	190.1						
	N	7	6	7	8	6	6						
	Er	10.8	6.8	4.2	4.8	22.8	4.1						

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
41NS	pa	92.9	44.8	66.0	23.5	30.4	8.3						
	N	6	6	6	5	6	2						
	Er	13.5	3.8	8.2	5.4	2.8	0.4						
41EW	pa	74.2	69.7	74.4	54.1	97.1	17.2						
	N	7	6	7	6	4	5						
	Er	2.4	3.6	4.7	4.5	2.6	17.2						
42NS	pa	95.9	61.1	74.1	75.4	97.4	23.1						
	N	6	7	7	7	6	6						
	Er	4.0	3.5	3.2	4.1	4.0	1.2						
42EW	pa	62.3	42.3	55.7	34.6	70.6	44.5						
	N	6	7	7	7	7	6						
	Er	2.6	2.9	3.7	1.5	4.2	3.6						
43NS	pa	44.9	33.3	29.9	29.6	22.4	5.4						
	N	6	6	7	6	6	6						
	Er	2.9	3.7	2.8	2.5	1.5	1.0						
43EW	pa	35.7	23.7	27.2	14.6	42.5	23.2						
	N	6	6	7	6	6	7						
	Er	4.3	2.0	1.5	1.0	4.8	4.2						
44NS	pa	31.8	29.2	26.2	21.8	22.9	8.9						
	N	6	7	8	7	6	7						
	Er	3.1	3.6	1.0	1.4	2.5	0.7						
44EW	pa	38.7	24.9	20.5	16.7	37.3	43.5						
	N	6	7	7	7	7	7						
	Er	3.5	2.1	1.8	3	2.5	3.2						

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

ρ_a = observed apparent resistivity in ohm-metres

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- = no data

"NOTE" - Telluric line orientation indicated with station numbers.

Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
45NS	ρ_a	6.8	8.9	8.7	6.0	8.0	3.6						
	N	6	5	6	7	7	6						
	Er	0.7	0.7	0.7	0.3	0.4	0.3						
45EW	ρ_a	10.5	6.7	8.2	5.8	13.6	16.0						
	N	6	5	6	6	6	7						
	Er	1.4	0.9	1.0	0.4	0.3	1.4						
46NS	ρ_a	176.2	172.5	180.9	190.0	128.6	26.5						
	N	7	7	7	7	5	6						
	Er	13.5	15.6	11.1	13.2	12.8	2.1						
46EW	ρ_a	174.8	144.7	190.4	133.7	271.4	111.8						
	N	6	6	6	7	7	7						
	Er	10.2	10.1	15.8	4.4	20.6	10.0						
47NS	ρ_a	163.0	143.2	204.6	163.6	159.9	56.3						
	N	6	6	7	6	7	6						
	Er	21.0	15.9	11.1	17.2	16.8	10.8						
47EW	ρ_a	208.1	176.3	209.1	169.3	379.7	542.9						
	N	6	7	6	7	7	7						
	Er	7.6	22.4	14.6	4.2	18.4	15.3						
48NS	ρ_a	78.7	84.4	100.5	84.7	74.1	40.8						
	N	8	6	7	7	7	5						
	Er	4.0	7.9	5.8	2.3	2.3	7.4						
48EW	ρ_a	82.3	81.3	83.6	76.4	164.2	177.2						
	N	6	6	7	7	6	6						
	Er	7.9	7.2	3.7	3.7	3.7	4.0						

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
49WS	pa	174.4	103.1	130.2	129.3	129.6	43.8						
	N	6	6	6	6	7	6						
	Er	8.9	17.0	15.3	18.3	16.1	2.1						
49EW	pa	65.8	37.6	60.2	40.3	53.9	56.7						
	N	6	6	6	7	7	7						
	Er	10.7	4.0	5.2	3.9	14.4	3.7						
50NS	pa	203.1	135.8	162.7	135.5	188.2	48.9						
	N	7	7	7	7	6	6						
	Er	19.0	12.5	7.4	7.0	18.3	2.6						
50EW	pa	127.1	122.4	102.5	64.7	112.8	107.5						
	N	6	7	7	6	6	7						
	Er	10.6	3.8	4.4	3.2	2.6	6.7						
51NS	pa	146.5	128.4	159.4	138.9	101.1	37.4						
	N	7	7	8	8	7	6						
	Er	7.0	7.7	5.2	6.2	3.4	3.1						
51EW	pa	178.9	145.9	168.1	119.4	211.0	127.5						
	N	6	7	7	7	7	7						
	Er	16.7	7.8	7.0	5.7	6	6.7						
52NS	pa	193.7	160.7	220.7	146.3	209.5	82.0						
	N	6	7	7	7	6	6						
	Er	14.9	13.9	13.3	8.8	13.8	5.8						
52EW	pa	269.1	253.4	196.5	173.6	48.5	673.6						
	N	7	6	6	7	5	7						
	Er	15.8	26.0	10.4	3.8	65.6	140.6						

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

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"NOTE" - Telluric line orientation indicated with station numbers.

Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
53NS	ρ _a	57.6	57.1	43.4	38.9	49.0	11.1						
	N	7	6	7	7	6	6						
	Er	2.6	5.9	1.3	2.6	1.8	1.0						
53EW	ρ _a	86.0	69.6	66.5	36.0	58.1	41.3						
	N	6	7	7	7	6	7						
	Er	2.6	3.6	1.6	0.7	1.0	1.9						
54NS	ρ _a	195.7	197.2	96.1	97.2	164.6	52.9						
	N	6	6	7	7	6	7						
	Er	26.7	9.1	10.1	8.2	21.5	5.4						
54EW	ρ _a	230.7	268.1	305.6	193.8	305.1	173.3						
	N	6	6	7	7	6	7						
	Er	26.7	9.1	10.1	8.2	21.5	5.4						
55NS	ρ _a	22.0	15.5	23.8	16.2	15.0	10.9						
	N	7	7	7	7	7	6						
	Er	2.6	1.7	1.3	2.9	1.1	0.4						
55EW	ρ _a	14.9	11.5	11.6	8.2	18.5	23.2						
	N	7	6	7	7	7	7						
	Er	1.0	0.4	0.6	0.3	0.6	3.9						
56NS	ρ _a	219.2	159.8	135.5	35.7	-	-						
	N	6	6	7	6	-	-						
	Er	7.6	7.9	4.2	2.1	-	-						
56EW	ρ _a	189.5	171.1	48.3	26.2	-	-						
	N	6	7	5	7	-	-						
	Er	11.0	15.5	5.3	6.2	-	-						

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

pa = observed apparent resistivity in ohm-metres

N = number of observations.

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"NOTE" - Telluric line orientation indicated with station numbers.

Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
57Ns	pa	380.2	318.1	244.1	144.0	-	-						
	N	7	7	6	7	-	-						
	Er	9.8	16.9	3.5	10.7	-	-						
57Ew	pa	257.7	207.5	143.7	143.8	267.4	199.0						
	N	7	7	7	7	7	7						
	Er	9.9	16.2	10.0	2.9	7.7	10.8						
58Ns	pa	102.7	64.9	53.1	14.0	-	-						
	N	7	7	7	6	-	-						
	Er	2.3	1.8	1.2	0.4	-	-						
58Ew	pa	159.9	128.9	68.4	16.6	7.2	16.7						
	N	7	7	7	7	2	8						
	Er	10.9	6.4	3.8	0.9	0.5	1.9						
59Ns	pa	12.8	14.3	10.9	10.0	15.1	7.2						
	N	6	6	8	7	8	8						
	Er	1.4	1.4	0.6	0.4	0.4	1.0						
59Ew	pa	10.6	10.3	10.1	7.9	20.9	22.4						
	N	7	7	7	7	8	7						
	Er	1.1	1.0	0.3	0.3	0.5	1.0						
60Ns	pa	10.9	11.2	8.2	2.0	1.6	0.7						
	N	6	6	6	7	7	7						
	Er	1.2	0.9	0.7	0.1	0.1	0.1						
60Ew	pa	5.1	6.7	2.8	1.3	2.5	3.0						
	N	6	6	7	6	7	7						
	Er	0.2	0.7	0.1	0.1	0.1	0.1						

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

ρ_a = observed apparent resistivity in ohm-metres

N = number of observations

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Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
61NS	ρ_a	9.1	8.4	10.9									
	N	6	8	9									
	Er	0.6	0.5	1.1									
61EC	ρ_a	5.6	7.0	6.2									
	N	6	7	8									
	Er	0.6	0.7	0.3									
62NS	ρ_a	17.5	12.3	22.7									
	N	7	7	8									
	Er	1.1	0.8	1.8									
62EC	ρ_a	12.2	15.6	15.5									
	N	8	8	8									
	Er	0.4	0.7	1.4									
63NS	ρ_a	8.1	8.1	7.2	3.8	5.2	1.5						
	N	6	7	7	7	7	7						
	Er	0.5	0.6	0.4	0.2	0.2	0.1						
63EC	ρ_a	2.8	2.7	1.9	1.1	2.5	3.4						
	N	7	6	7	7	7	6						
	Er	0.1	0.2	0.1	0.1	0.1	0.2						
64NS	ρ_a	42.1	55.9	74.6									
	N	8	7	8									
	Er	2.5	5.4	4.7									
64EC	ρ_a	46.5	33.3	41.9									
	N	8	8	7									
	Er	3.3	2.4	2.1									

U.S. GEOLOGICAL SURVEY A.M.T. DATA LOG

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 N = number of observations;
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"NOTE" - Telluric line orientation indicated with station numbers.

Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
65NS	pa	25.9	17.0	15.5	16.3	18.5	8.5						
	N	7	7	6	7	6	9						
	Er	2.6	1.4	1.0	0.7	0.6	0.4						
65EW	pa	13.1	10.0	8.6	6.8	23.1	30.5						
	N	7	7	6	6	6	7						
	Er	0.9	0.5	0.4	0.2	0.6	2.1						
66NS	pa	101.3	101.3	118.5	62.0	139.1	21.2						
	N	7	7	7	7	7	9						
	Er	3.4	6.1	4.3	3.8	3.9	1.4						
66EW	pa	46.2	39.8	41.1	33.8	65.6	84.7						
	N	6	7	7	8	7	7						
	Er	1.9	2.5	1.2	0.9	2.0	8.0						
67NS	pa	27.6	31.5	37.7	31.2	28.8	11.3						
	N	6	6	6	6	6	7						
	Er	2.3	2.8	1.7	1.0	1.3	0.7						
67EW	pa	72.8	55.7	61.6	49.8	89.8	60.8						
	N	7	6	6	6	7	7						
	Er	4.2	4.0	2.3	1.0	3.1	3.1						
68NS	pa	7.8	15.1	10.7	14.3	14.2	9.3						
	N	6	6	6	6	6	8						
	Er	0.9	1.8	0.4	1.5	1.5	0.6						
68EW	pa	4.7	2.8	3.3	3.3	14.0	20.7						
	N	7	6	6	6	7	7						
	Er	0.5	0.3	0.1	0.1	0.7	1.0						

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"NOTE" - Telluric line orientation indicated with station numbers.

Sta. No.		FREQUENCY											
		7.5	10	14	27	76	285	685	1.2K	3.3K	6.7K	10.2K	18.6K
6915	pa	141.1	—	542.6	81.7	143.3	111.1						
	N	5	—	6	5	6	8						
	Er	13.7	—	51.8	12.4	17.4	17.4						
6980	pa	—	—	—	—	—	—						
	N	—	—	—	—	—	—						
	Er	—	—	—	—	—	—						
7015	pa	985.7	921.8	473.3	—	—	125.1						
	N	8	4	5	—	—	7						
	Er	82.5	138.1	97.7	—	—	10.2						
7050	pa	—	—	—	—	—	—						
	N	—	—	—	—	—	—						
	Er	—	—	—	—	—	—						
7115	pa	18.3	11.0	14.9	14.5	23.0	7.6						
	N	6	6	6	6	7	7						
	Er	1.9	0.7	0.5	0.5	0.5	0.3						
7160	pa	23.3	31.0	30.0	47.0	70.4	48.0						
	N	6	6	7	7	7	7						
	Er	1.2	2.2	1.3	1.6	3.0	1.8						
	pa												
	N												
	Er												
	pa												
	N												
	Er												