Open-File Report # NM/Baca- 31

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARENT RX	APPARENT RY
.609	1.9990	.0454	.1540	3.7522	178	3	.1818	.0092
.613	1.3491	.0775	.1485	2.5083	191	3	.1925	.0056
.625	1.2492	.0785	.1994	2.9882	206	3	.2034	.0113
.638	1.1992	.0633	.1307	2.1041	224	3	.1931	.0090
.922	2.2117	.0949	.1317	1.3869	117	3	.1976	.0087
.974	2.1927	.0615	.1333	2.2774	121	3	.2161	.0095
1.041	2.0819	.0535	.1621	4.0159	124	3	.2019	.0096
1.130	2.0333	.0379	.1698	5.7192	127	3	.1944	.0081
1.407	3.3758	.0644	.1656	3.1060	77	3	.2300	.0090
1.547	3.4031	.0658	.1511	2.8036	76	3	.2484	.0089
1.735	3.4699	.0429	.1117	2.7326	75	3	.2607	.0060
1.999	3.5974	.0646	.1113	1.5674	72	3	.2679	.0082
2.147	5.1525	.0525	.1038	1.7799	50	3	.2775	.0081
2.457	5.4048	.0917	.1432	2.2541	48	3	.2785	.0080
2.892	5.7834	.0858	.1219	1.4693	45	3	.2956	.0080
3.277	7.8641	.1208	.1397	1.2853	34	3	.3331	.0082
3.536	6.3646	.0264	.1088	5.6277	41	3	.3663	.0099
3.902	8.5844	.0931	.1084	1.2202	31	3	.3747	.0105
4.819	9.6386	.0832	.1160	2.4036	28	3	.3692	.0101
5.002	12.0034	.1206	.1385	1.3939	22	3	.3940	.0110
6.197	13.6340	.1087	.1023	.7852	20	3	.3183	.0075
6.256	11.2604	.0883	.1021	.9168	24	3	.3469	.0086
7.624	18.3211	.0887	.0964	.8339	15	3	.5031	.0094
8.032	16.0645	.1161	.1448	1.2523	17	3	.4870	.0154
9.843	21.6539	.2051	.2744	1.4598	12	3	4.0219	.0411
11.062	19.9219	.2539	.3020	1.8666	14	3	26 0220	.3730
11.651	27.9634	.2403	.2827	10.4640	10	3	23 4290	.3422
13.387	26.7745	.3567	.3480	1.3197	10	3	50 6660	.8191
15.633	34.3914	.4546	.3802	.6452	9	3	56 8700	1.0238
17.784	42.6821	.5257	.3943	.5327	7	3	56.4060	1.2048
19.581	35.2473	.5278	.3279	.3580	8	3	54 6210	1.0449
22.312	44.6229	.5166	.1876	.1634	7	3	46.6190	.8879
24.828	54.6209	.4274	.2763	.1668	6	3	42.6670	1.1397
27.144	65.1466	.4251	.2791	.1380	5	3	46.6800	1.2408
34.644	62.3597	.3104	.3796	.8561	5	3	67.3780	2.7052
37.186	74.3716	.3131	.4239	1.0902	4	3	74 1700	3.1711
39.433	86.7528	.3686	.4750	.9900	3	3	84 6470	4.3490
41.430	99.4332	.3209	.4356	1.0653	4	3	73 2400	4.1577
61.293	110.3296	.3524	.4097	.9638	3	3	71.6390	3.9995
89.167	89.5810	.2995	.3482	.9489	5	3	126 5100	7 3167
102 962	51.0308	.2995	.3482	.9489	5	3	130 2000	7 5306
104 665	52 3314	.1363	.2508	1.4241	4	3	70 8510	4 7569
169.736	84.8680	.1790	.1997	.9315	3	3	122.5000	7.1838

Station 13, cont'd.

Station 13, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	Zmax	RX	RY
17.784	42.6821	.5327	3	75	1.5445	.1878	3.4375	12.1010	.1255
19.531	35.2473	.3580	3	75	2.0882	.1365	4.3792	17.0770	.0729
22.312	44.6229	.1634	3	75	1.6696	.0496	2.7844	12.4380	.0111
24.628	54.6209	.1668	3	80	1.2359	.1205	1.5420	7.5846	.0721
27.144	65.1466	.1380	3	80	1.2079	.1311	1.4739	7.9083	.0933

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARENT RX	APPARENT RY
.025	.0609	.8031	.7676	.1692	355	2	1.6385	.2945
.026	.0562	.8428	.8236	.2228	381	2	2.0804	.3933
.026	.0521	.8618	.8345	.2692	411	2	2.9667	.5323
.027	.0479	.8811	.8775	.2209	447	2	5.1402	.8784
.038	.0922	.8335	.7597	.0504	232	2	14.9570	1.8695
.041	.0893	.8468	.8296	.0872	240	2	14.9990	1.9493
.043	.0868	.8523	.8490	.1319	247	2	14.2700	1.8571
.047	.0848	.8417	.7129	.0898	252	2	13.1290	1.9058
.059	.1407	.8931	.7934	.0779	153	2	13.1930	1.3654
.069	.1469	.9109	.7549	.0877	151	2	12.8060	1.2765
.072	.1447	.9196	.7701	.1142	148	2	13.2860	1.3109
.083	.1500	.9287	.8576	.2093	144	2	14.3960	1.6517
.089	.2148	.9398	.9034	.2602	100	2	14.8930	1.7422
.102	.2253	.9553	.9393	.3146	96	2	15.9530	2.1970
.121	.2911	.9646	.9428	.3323	90	2	17.7610	2.9041
.137	.3278	.9730	.9442	.3509	66	2	19.6980	2.7206
.147	.2653	.9660	.9300	.3357	81	2	20.5050	2.9669
.163	.3579	.9646	.9151	.3056	60	2	21.4240	3.1410
.201	.4018	.9458	.8630	.1919	54	2	22.5850	3.9801
.208	.5004	.9445	.8570	.1633	44	2	22.9820	4.0252
.258	.5684	.9405	.8116	.1833	39	2	23.7540	4.5424
.261	.4694	.9312	.8123	.1849	46	2	27.5545	4.6833
.318	.7638	.9436	.7979	.2160	28	2	24.1680	5.7617
.335	.6697	.9436	.8002	.1860	33	2	23.9670	5.7591
.410	.9027	.9603	.7970	.0778	24	2	24.5310	5.8317
.461	.8305	.9579	.7913	.0471	27	2	24.9470	5.9493
.486	1.1657	.9591	.7247	.0505	20	2	25.1740	5.9936
.558	1.1161	.9627	.7203	.0535	20	2	25.9880	6.0439
.604	1.4498	.6209	.4937	.1214	355	3	12.3990	2.9551
.614	1.3498	.7024	.5289	.1097	381	3	19.9190	2.5355
.625	1.2498	.7889	.5473	.1236	411	3	18.6260	3.7041
.639	1.1498	.8355	.5992	.1795	447	3	20.2850	4.0792
.652	1.4337	.9681	.6647	.0802	16	2	27.1330	5.3576
.741	1.7793	.9686	.7220	.0760	13	2	28.8250	6.0254
.816	1.4693	.9694	.7267	.0694	16	2	30.4090	6.2468
.922	2.2128	.8617	.7152	.2502	232	2	29.4020	6.4191
.930	1.8602	.9719	.7464	.0539	12	2	32.9330	6.9865
.974	2.1438	.8329	.6854	.1819	240	2	26.9890	6.5619
1.035	2.2770	.9742	.7698	.1548	11	2	34.0480	6.1968
1.041	2.0830	.8419	.7074	.2704	247	2	29.1890	6.6172
1.130	2.0343	.8295	.7113	.3067	252	2	30.0750	4.8493
1.132	2.7157	.9724	.7947	.1616	9	2	36.7330	6.2296
1.407	3.3775	.8215	.6749	.2649	153	2	34.9130	6.8727
1.444	2.5996	.9695	.8376	.2749	9	1	43.7850	6.1922
1.548	3.4048	.8121	.6461	.3041	151	2	38.8190	6.9551
1.550	3.1004	.9687	.8458	.2889	8	1	46.8440	6.6847
1.699	3.6165	.9643	.8388	.3095	6	2	48.2410	6.5091
1.727	4.1451	.9658	.8367	.2518	6	2	50.8790	6.0685
1.736	3.4716	.7918	.6171	.2747	148	2	41.0930	6.0656
1.999	3.5991	.7622	.5868	.2726	144	3	42.4460	6.9071
2.148	5.1549	.7518	.5845	.2807	100	3	45.2430	6.2062
2.458	5.4077	.6920	.5683	.3062	96	3	44.1520	6.2759
2.555	4.5992	.9379	.8247	.2565	5	1	64.5840	6.2524
2.584	5.1674	.9379	.8247	.2565	5	1	65.3130	6.3110
2.611	5.7438	.9379	.8247	.2565	5	1	65.9460	6.3668
2.636	6.3267	.9275	.8505	.2776	4	1	66.8330	6.4352
2.893	5.7860	.6405	.5386	.3525	90	3	41.1670	4.8423
3.278	7.8684	.5797	.5160	.3615	66	3	42.2460	4.7192
3.538	6.3678	.5851	.5028	.4317	41	3	40.3040	4.8342

Station 14

3.904	8.5889	.5818	.9879	.3536	60	3	19.7476	4.7124	
4.147	9.1224	.8473	.7609	.3697	4	2	72.6413	6.7615	
4.306	8.6125	.8473	.7609	.3697	4	2	75.9779	7.0216	
4.521	8.1374	.8473	.7609	.3697	4	2	79.2785	7.3715	
4.822	9.6432	.5771	.9533	.2387	56	3	95.2749	9.4430	
5.004	12.0093	.6040	.9499	.2488	46	3	98.5950	9.4452	
6.200	13.6407	.6000	.5037	.8531	39	3	87.7169	5.0441	
6.259	11.2658	.5941	.5079	.4120	46	3	98.8865	5.3878	
6.660	3.3298	.8461	.7566	.3674	4	2	115.6450	10.7775	
7.638	18.3298	.6558	.5571	.6823	28	3	60.3695	4.8514	
8.036	16.0725	.6153	.5779	.5242	33	3	64.6130	4.1441	
9.847	21.6647	.6395	.6705	.5194	24	2	58.4746	5.4150	
10.732	5.1662	.7913	.7083	.7899	3	2	130.2466	10.0478	
11.073	19.9318	.8613	.8237	.7985	27	2	72.0380	4.4332	
11.483	5.7415	.7913	.7083	.7899	3	2	139.3560	10.8126	
11.657	27.9775	.8286	.8319	.8517	20	2	72.4366	4.0414	
12.519	6.2594	.7913	.7083	.7899	3	2	151.9250	10.2775	
13.394	26.7874	.8851	.9295	1.0152	20	1	62.7310	4.1422	
15.640	34.4086	.9564	.9646	1.1347	16	2	86.3490	5.2410	
17.193	42.7022	.9541	.8939	1.1259	13	3	58.9540	3.1219	
19.591	35.2634	.9518	.9274	1.1631	16	2	69.0010	4.1230	
22.323	44.6449	.9564	.9325	1.2659	12	2	82.5790	4.1230	
24.840	54.6478	.9607	.9462	1.2565	11	2	83.4060	4.1230	
27.157	65.1763	.9790	.9669	1.3537	9	3	67.0430	4.1230	
29.661	62.3908	.9851	.9765	1.2975	9	2	71.7620	4.1230	
32.265	74.4103	.9864	.9792	1.2402	8	2	75.8170	4.1230	
34.942	86.7980	.9871	.9811	1.2877	6	2	80.5250	4.1230	
41.451	99.4427	.9829	.9779	1.3095	6	2	75.3560	4.1230	
61.323	116.3826	.9436	.9424	1.4476	5	1	62.4070	4.1230	
62.958	124.0146	.9436	.9424	1.4476	5	1	63.0930	4.1230	
62.661	137.8512	.9436	.9424	1.4476	5	1	63.7620	4.1230	
83.261	151.8395	.9461	.9319	1.3024	4	1	53.2550	4.1230	
99.527	218.9381	.9115	.8340	1.8017	4	1	51.4460	4.1230	
103.344	206.6927	.9115	.8340	1.8017	4	1	53.4250	4.1230	
108.495	195.2934	.9115	.8340	1.8017	4	1	56.0870	4.1230	
169.831	74.9169	.6493	.7935	1.6922	6	2	104.1100	4.1230	
257.573	128.7880	.6757	.8133	.8075	3	3	1356.4000	265.3700	
275.688	137.7947	.6767	.8133	.8075	3	2	1347.5000	263.3500	
300.454	156.2246	.6757	.8133	.8075	3	3	1421.3000	309.5400	

Station 14, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0609	.1642	2	245	14.0820	6.4298	239.6500	.9982	.2081
.026	.0562	.2228	2	245	16.6170	7.7317	335.9000	1.4118	.3056
.026	.0521	.2692	2	245	20.2800	9.5489	502.4600	2.1417	.4743
.027	.0479	.2204	2	245	26.6590	13.0280	880.4300	3.7831	.9035
.038	.0922	.0509	2	245	35.0940	12.9160	1398.4000	9.4629	1.2817
.041	.0893	.0872	2	245	35.0550	13.9330	1423.0000	9.9789	1.5763
.043	.0868	.1319	2	245	33.7880	13.3560	1320.0000	9.9085	1.5482
.047	.0848	.0898	2	245	30.1470	9.1750	993.0300	8.5595	.7924
.059	.1407	.0779	2	245	28.7930	8.4406	900.2500	9.7219	.8359
.064	.1419	.0877	2	245	27.5290	8.0658	822.9200	9.7742	.8390
.072	.1447	.1142	2	245	26.7620	7.9115	778.8100	10.3600	.9054
.083	.1500	.2093	2	245	26.6990	9.1891	797.1900	11.8780	1.4054
.089	.2148	.2602	2	245	26.8050	9.6939	812.9800	12.8610	1.6820
.102	.2253	.3146	2	245	26.4290	10.1100	800.7000	14.3070	2.0938
.121	.2911	.3323	2	245	26.0960	10.0120	778.6500	16.3560	2.4166
.137	.3278	.3509	2	250	26.1200	10.0680	783.6200	18.6390	2.7694
.147	.2653	.3357	2	250	25.5860	9.9935	753.5100	19.2980	2.9148
.163	.3579	.3056	2	250	24.8270	9.6021	708.6000	20.0530	2.9995
.201	.4018	.1919	2	250	22.3990	8.6786	574.5800	20.0610	3.0263
.208	.5004	.1633	2	250	22.0110	8.5305	557.2700	20.2030	3.0344
.258	.5684	.1833	2	250	19.6520	7.5805	443.6600	19.9540	2.9691
.261	.9694	.1899	2	250	19.5240	7.6516	439.7300	19.8810	3.0436
.318	.7638	.2160	2	250	17.9600	7.4780	378.4700	20.5290	3.5591
.335	.6697	.1860	2	250	17.6250	7.2396	363.0500	20.8030	3.6130
.410	.9027	.0778	2	250	16.9830	6.6986	335.9000	22.2970	3.6274
.461	.8305	.0471	2	250	15.5840	5.6531	274.8200	22.9100	2.9490
.486	1.1657	.0505	2	250	15.4780	5.4072	268.8200	23.2730	2.8402
.558	1.1161	.0535	2	250	14.6550	5.0609	240.3700	23.9700	2.8587
.604	1.4498	.1214	3	250	6.2167	1.8198	91.9580	9.6649	.4001
.614	1.3498	.1097	3	250	7.6926	2.1498	63.7980	7.2613	.5671
.625	1.2498	.1236	3	250	9.4730	2.7536	97.3190	11.2150	.9476
.639	1.1498	.1795	3	250	10.2710	3.2160	115.8300	13.9770	1.3213
.652	1.4337	.0802	2	250	14.0180	4.1590	213.8000	25.6110	2.2544
.741	1.7793	.0760	2	250	13.4520	4.5546	201.7000	26.8309	3.0754
.816	1.4693	.0694	2	250	13.1090	4.0701	188.4100	28.0590	2.7045
.922	2.2128	.2502	2	250	10.5330	3.7369	124.9000	20.4560	2.5750
.930	1.8692	.0539	2	250	12.8730	3.8254	180.3500	30.8270	2.7222
.974	2.1438	.1819	2	250	9.6977	3.2022	104.3000	18.3280	1.9944
1.035	2.2770	.1548	2	250	12.3490	3.9618	168.2000	31.5690	3.2491
1.041	2.0830	.2704	2	250	9.6655	3.2239	103.8100	19.4590	2.1649
1.130	2.0343	.3067	2	250	9.1844	3.2071	94.6390	19.0660	2.3249
1.132	2.7157	.1616	2	250	12.2170	3.9032	164.9800	33.7770	3.4478
1.407	3.3775	.2649	2	250	8.8152	2.7787	85.9240	21.8710	2.1731
1.444	2.5996	.2749	1	250	11.6050	3.7061	148.9100	38.9010	3.9673
1.542	3.4048	.3041	2	250	8.7200	2.5756	82.6720	23.5140	2.0534
1.550	3.1004	.2889	1	250	11.5670	3.7418	147.8000	41.9440	4.3408
1.644	3.6165	.3095	2	250	11.1820	3.6293	138.2000	41.1050	4.3305
1.727	4.1451	.2519	2	250	11.1720	3.3646	136.1400	43.1150	3.9103
1.736	3.9716	.2747	2	250	8.2613	2.3776	73.9020	23.6440	1.9624
1.999	3.5991	.2726	3	250	7.5718	2.0533	61.5940	22.9270	1.6860
2.148	5.1549	.2807	3	250	7.4329	2.0207	59.3310	23.7130	1.7541
2.452	5.4077	.3062	3	250	6.2368	1.8620	52.3650	19.1220	1.7043
2.555	4.5992	.2565	1	250	10.3150	2.6824	113.5900	54.3720	3.6770
2.584	5.1674	.2565	1	250	10.3150	2.6824	113.5900	54.4760	3.7180
2.611	5.7438	.2565	1	250	10.3150	2.6824	113.5900	55.5560	3.7571
2.636	6.3267	.2776	1	250	10.2060	2.6813	111.3500	54.9150	3.7904
2.833	5.7969	.3525	3	250	5.1026	1.5597	28.4630	15.0650	1.4075
3.278	7.8684	.3615	3	250	4.3485	1.3979	21.2110	12.4250	1.2813
3.572	6.3678	.4317	3	245	4.1158	1.3419	18.7460	11.9440	1.2778

Station 14, cont'd.

3.904	8.5889	.3539	3	245	3.9606	1.2190	17.1720	12.2990	1.1602
4.147	9.1224	.3697	2	255	7.2808	2.2765	58.1920	93.9620	4.2377
4.306	8.6125	.3697	2	255	7.2808	2.2765	58.1920	95.6530	4.4630
4.521	8.1374	.3697	2	255	7.2808	2.2765	58.1920	97.9280	4.6854
4.822	9.6432	.2387	3	245	3.8658	.9845	15.9140	19.4126	.9346
5.004	12.0093	.2989	3	245	3.9183	.9455	16.2470	15.3650	.8946
6.200	13.6407	.4531	3	245	3.5784	.9540	13.7150	15.8790	1.1246
6.254	11.2458	.4120	3	250	3.5969	.9747	13.8870	16.1950	1.1892
6.660	3.3298	.3674	2	255	7.2549	2.2470	57.6750	70.0995	6.7251
8.036	16.0725	.5242	3	250	3.3042	1.0434	12.0060	17.5475	1.7434
9.847	21.6647	.5194	2	250	3.2702	1.1009	11.9060	21.0628	2.3868

Station 14, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.1957	.0974	.5701	178	3	.0000	.0000
.026	.0562	.1769	.0521	.4776	191	3	.0000	.0000
.026	.0520	.1731	.0835	.5077	206	3	.0000	.0000
.027	.0479	.0932	.0899	.7768	224	3	.0000	.0001
.038	.0922	.1086	.1112	3.2597	117	3	.0012	.0029
.041	.0893	.1296	.1034	2.3002	121	3	.0022	.0059
.043	.0867	.1393	.1078	3.0390	124	3	.0035	.0089
.047	.0847	.1577	.0990	3.1662	127	3	.0045	.0110
.059	.1407	.3368	.2328	2.0149	77	3	.0126	.0293
.064	.1418	.4050	.2853	1.9464	76	3	.0142	.0338
.072	.1446	.4817	.3535	1.7158	75	3	.0160	.0376
.083	.1499	.5720	.4043	1.8388	72	3	.0282	.0626
.089	.2147	.5671	.4240	2.1990	50	3	.0270	.0638
.102	.2252	.6497	.4235	1.6157	48	3	.0558	.1087
.120	.2910	.6932	.4803	1.7173	45	3	.1475	.3054
.137	.3277	.7328	.5553	2.2395	34	3	.3729	.6945
.147	.2652	.7302	.5809	2.5600	41	3	.4390	.8072
.163	.3577	.7312	.6496	9.4486	31	3	.6692	1.2113
.201	.4016	.8072	.7366	15.4550	28	2	1.2646	1.9200
.208	.5002	.8108	.7396	15.3410	22	2	1.3655	2.0435
.258	.5681	.8096	.7792	9.8843	20	2	1.5234	2.7068
.261	.4692	.8359	.7884	8.5348	24	2	1.7148	2.3579
.318	.7634	.8227	.7999	8.7978	15	2	1.7998	2.6716
.335	.6693	.8026	.7991	9.3693	17	2	2.0501	2.5758
.410	.9023	.7784	.8530	9.3457	12	2	2.6907	2.8027
.461	.8301	.7396	.8196	10.6590	14	2	3.5661	2.8993
.485	1.1651	.7254	.8000	8.2850	10	2	3.6781	2.9620
.558	1.1156	.6407	.7989	8.1767	10	2	4.8761	3.5019
.604	1.4498	.2301	.2699	3.9912	355	3	.0799	.0731
.614	1.3498	.2106	.2593	7.9022	381	3	.1326	.1241
.625	1.2498	.2411	.2649	12.4640	411	3	.2249	.2180
.639	1.1498	.3108	.3305	8.9572	447	3	.4045	.3821
.651	1.4330	.6621	.7589	18.8220	9	2	7.9362	4.1880
.741	1.7784	.6481	.7643	13.1230	7	2	10.3440	4.1418
.816	1.4686	.6665	.7947	9.2584	8	2	9.5529	4.8187
.922	2.2128	.6121	.5888	9.8555	232	3	2.2954	2.1724
.930	1.8593	.7229	.7586	11.7080	7	2	12.4410	5.1024
.974	2.1438	.5763	.5732	8.7001	240	3	.9383	.8085
1.035	2.2759	.7770	.7716	9.1613	6	2	10.9840	4.9762
1.041	2.0830	.5760	.5408	7.2443	247	3	1.2964	1.0956
1.130	2.0343	.5721	.5276	6.5197	252	3	1.6513	1.3479
1.131	2.7144	.8088	.8069	18.9830	5	2	11.0360	5.3552
1.407	3.3775	.5753	.5036	4.7576	153	3	2.1625	1.6252
1.444	2.5983	.8294	.8118	5.3803	5	1	13.1050	9.0238
1.548	3.4048	.5939	.5016	4.2078	151	3	3.6620	2.7751
1.549	3.0989	.8407	.8156	5.1394	4	1	14.9610	9.0654
1.643	3.6147	.8415	.8393	3.6742	3	1	13.8930	10.7930
1.726	4.1430	.8376	.8238	5.9441	4	1	10.9990	11.3330
1.736	3.4716	.5584	.5009	3.5796	148	3	3.8904	2.8978
1.999	3.5991	.5644	.4902	2.3298	144	3	4.2164	3.0923
2.148	5.1549	.5659	.5000	1.9459	100	3	4.5894	3.3245
2.458	5.4077	.5213	.4836	1.6841	96	3	4.3755	3.4344
2.554	4.5971	.8323	.7967	12.7780	3	2	16.0320	17.9280
2.893	5.7860	.5479	.4496	1.3013	90	3	5.0373	3.5167
3.278	7.8689	.4961	.4035	1.1929	66	3	5.1903	3.6466
3.538	6.3678	.4553	.3398	1.2375	81	3	5.2859	3.4735
3.904	8.5889	.4583	.2990	1.1685	60	3	5.7870	3.5254
4.132	2.0659	.8298	.7857	16.4960	5	2	28.6510	29.4780
4.253	2.1263	.8298	.7857	16.4960	5	2	29.4880	30.3400

Station 15

4.361	2.1805	.8120	.7510	7.9372	6	2	24.3240	33.3840
4.822	9.6432	.3275	.2229	1.4264	56	2	5.0820	3.4790
5.004	12.0093	.3317	.2421	1.4493	46	2	5.1006	3.5185
6.200	13.6407	.3215	.2405	1.0847	39	2	5.3413	4.0498
6.259	11.2658	.3351	.2579	1.0604	46	2	5.8346	4.4261
7.072	3.5362	.7649	.7204	6.0195	3	2	60.5800	59.1500
7.638	18.3298	.3935	.2811	1.0363	28	2	7.2299	5.1678
8.036	16.0725	.3518	.2867	1.3755	33	2	8.4245	6.0696
9.847	21.6647	.4667	.3178	1.3291	24	2	18.1850	10.9520
11.073	19.9318	.5362	.4945	3.9710	27	2	20.7970	14.8530
11.657	27.9775	.5365	.4859	3.5122	20	2	24.6920	16.3710
13.394	26.7874	.7171	.6871	2.9993	20	2	42.7680	28.7760
15.640	34.9080	.8019	.7480	2.7201	16	2	75.1650	39.8600
17.793	42.7022	.8293	.7702	4.2544	13	2	106.5500	38.1400
19.591	35.2634	.8361	.7858	7.0659	16	2	124.0500	33.2340
22.323	44.6449	.8528	.8049	5.6676	12	2	140.1300	35.4370
24.840	54.6478	.8646	.8267	13.8410	11	2	141.8400	31.2350
27.157	65.1763	.8934	.8601	8.4380	9	2	130.5000	30.5230
34.661	62.3908	.9408	.9524	14.0560	9	2	158.3100	38.7790
37.205	74.4103	.9634	.9557	16.0240	8	2	168.6500	41.2400
39.452	86.7980	.9648	.9594	15.4770	6	3	180.9900	42.8890
41.451	99.4827	.9674	.9640	17.2510	6	3	171.7800	45.4710
61.323	110.3826	.9596	.9569	58.8160	5	3	129.9200	52.3250
62.008	124.0156	.9596	.9569	58.8160	5	3	131.3700	52.9090
62.661	137.8512	.9596	.9569	58.8160	5	3	132.7500	53.4650
63.267	151.8395	.9599	.9584	44.4070	4	3	115.8000	54.3730
99.522	218.9381	.9424	.9485	8.9943	4	3	83.2470	64.6400
103.346	206.6927	.9424	.9485	8.9943	4	3	86.4500	67.1260
108.495	195.2934	.9424	.9485	8.9943	4	3	90.7570	70.4710
159.831	79.9169	.9074	.9143	8.3935	6	3	146.7000	115.0400
267.573	128.7880	.7445	.7893	4.5612	3	2	1329.4000	1267.6000
275.588	137.7942	.7445	.7893	6.5612	3	2	1422.4000	1356.3000
300.454	150.2246	.7445	.7893	6.5612	3	2	1550.7000	1478.6000

Station 15, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0604	.5701	3	325	.0021	.0024	.0000	.0000	.0000
.026	.0562	.4776	3	320	.0027	.0023	.0000	.0000	.0000
.026	.0520	.5077	3	320	.0033	.0051	.0000	.0000	.0000

Station 15, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0609	.8162	.8841	.0967	355	1	.1946	.5688
.026	.0562	.8420	.8880	.1236	381	1	.2475	.7279
.026	.0521	.8371	.8825	.1296	411	1	.3406	1.0996
.027	.0479	.8437	.9044	.0582	447	1	.5923	1.9063
.038	.0922	.8389	.8746	.1111	232	1	1.9026	4.6820
.041	.0893	.8602	.9048	.1205	240	1	1.8335	4.5567
.043	.0868	.8614	.9014	.0967	247	1	1.7454	4.4174
.047	.0848	.8531	.8942	.0969	252	1	1.6665	4.3578
.059	.1407	.9004	.9262	.1577	153	1	1.6302	4.4470
.064	.1419	.9125	.9393	.1643	151	1	1.5321	4.3324
.072	.1447	.9194	.9440	.1604	148	1	1.5058	4.5275
.083	.1500	.9238	.9431	.1645	144	1	1.5774	5.0265
.089	.2148	.9303	.9372	.1709	100	1	1.5976	5.1829
.102	.2253	.9439	.9350	.2059	96	1	1.6849	5.3986
.121	.2911	.9503	.9445	.2240	90	1	1.9062	6.0673
.137	.3278	.9567	.9538	.2129	66	1	2.0924	6.6325
.147	.2653	.9494	.9474	.2077	81	1	2.1706	6.9532
.163	.3579	.9415	.9455	.1913	60	1	2.2112	7.4418
.201	.4018	.9230	.9269	.1920	54	1	2.0880	7.6636
.208	.5004	.9244	.9232	.1218	44	1	2.0920	7.7224
.258	.5684	.9079	.9128	.0771	39	1	1.9892	8.0792
.261	.4694	.9095	.9101	.0572	46	1	2.0203	8.0342
.318	.7638	.8997	.9019	.0371	28	1	1.9901	8.0431
.335	.6697	.8968	.8950	.0686	33	1	1.9405	8.0623
.410	.9027	.8947	.8847	.1489	24	1	2.0980	7.8971
.461	.8305	.8945	.8785	.2074	27	1	2.2506	7.9080
.486	1.1657	.8917	.8778	.2529	20	1	2.3694	7.9581
.558	1.1161	.8213	.8740	.3494	20	1	2.3133	7.5320
.604	1.4498	.3190	.2504	.5401	355	3	.6193	.9433
.614	1.3498	.9155	.3088	.6442	381	3	.7669	1.3505
.625	1.2498	.5287	.4002	.7508	411	3	.9833	1.7656
.639	1.1498	.5859	.4670	.5822	447	3	.9440	2.1912
.652	1.4337	.8240	.8616	.4333	16	1	2.2743	8.0428
.741	1.7793	.8520	.8284	.5389	13	1	2.0748	8.5377
.816	1.4693	.8543	.8088	.6407	16	1	2.0601	9.3644
.922	2.2128	.8035	.5848	.6909	232	3	1.7597	9.4768
.930	1.8602	.8655	.7776	.8035	12	2	2.2074	10.0100
.974	2.1438	.7437	.5555	1.2365	240	3	1.5826	9.1995
1.035	2.2770	.8564	.7642	.8183	11	2	2.2945	10.3040
1.041	2.0830	.7520	.5843	1.1938	247	3	1.8095	9.9895
1.130	2.0393	.7842	.5748	1.2574	252	3	2.0843	9.7299
1.132	2.7157	.8502	.7320	.8955	9	2	2.3967	11.4800
1.407	3.3775	.7786	.5591	1.1672	153	3	2.7204	5.0156
1.444	2.5996	.8428	.6646	1.8303	9	2	2.4290	9.3228
1.548	3.4048	.7898	.5520	1.0986	151	3	2.9411	5.3179
1.550	3.1004	.8483	.6717	1.9211	8	2	2.6019	9.7172
1.699	3.6165	.8498	.6637	2.0225	6	2	2.6127	9.5733
1.727	4.1451	.8325	.6217	2.1574	6	2	2.8103	10.4590
1.736	3.4716	.7550	.5215	1.2876	148	3	2.9957	5.6704
1.999	3.5991	.7474	.4893	1.1960	144	3	3.2451	6.0065
2.148	5.1549	.7417	.4875	1.4994	100	3	3.1746	6.4763
2.458	5.4077	.7367	.5040	1.6938	96	3	3.4181	7.3181
2.555	4.5992	.7193	.5283	4.5731	5	3	2.8404	8.2915
2.584	5.1674	.7193	.5283	4.5731	5	3	2.9226	8.3840
2.611	5.7438	.7193	.5283	4.5731	5	3	2.9534	8.4721
2.636	6.3267	.6903	.5498	4.1151	4	3	3.0030	8.2627
2.893	5.7860	.7522	.5540	1.6857	90	3	4.1610	8.1157
3.278	7.8689	.7366	.5894	2.8894	66	3	4.2708	8.9244
3.538	6.3678	.7008	.5448	3.2771	81	3	4.2688	9.1810

Station 16

3.904	8.5889	.6901	.5487	2.4702	3	60	4.7501	10.4750
4.147	9.1224	.5646	.4630	.4966	3	4	3.8332	7.3929
4.306	8.6125	.5666	.4630	.4966	3	4	3.9806	7.6772
4.521	8.1374	.5666	.4630	.4966	3	4	4.1790	8.0598
4.822	9.6432	.6459	.5348	2.5524	3	54	4.2733	11.1230
5.004	12.0093	.6470	.5226	2.2663	3	44	4.3886	10.9330
6.200	13.6407	.5884	.5386	4.7188	3	39	3.9001	11.8520
6.259	11.2658	.5818	.5223	4.6996	3	46	4.1376	13.4290
6.460	3.3298	.5636	.4579	.5026	3	6	4.1276	11.6370
7.638	18.3298	.5316	.5213	3.5915	3	28	4.6694	19.1250
8.036	16.0725	.5189	.5166	3.0775	3	33	5.0725	17.5620
9.847	21.6647	.5655	.5090	3.0287	3	24	6.6283	20.5830
10.732	5.3662	.4963	.4781	.6521	3	3	5.9183	9.0721
11.073	19.9318	.7066	.5938	6.7385	3	27	5.9160	26.9630
11.483	5.7415	.4963	.4781	.6521	3	3	5.7972	9.7066
11.657	27.9775	.7143	.5683	3.7699	3	20	9.8335	27.1820
12.519	6.2594	.4963	.4781	.6521	3	3	6.3201	10.5820
13.394	26.7874	.8213	.7634	2.4508	2	20	11.9550	41.0720
15.640	34.9080	.9064	.8504	3.7487	1	16	15.2960	81.1330
17.793	42.7022	.9643	.9301	4.1369	1	13	14.6160	123.4000
19.591	35.2634	.9888	.9752	3.3651	1	16	14.6520	230.9800
22.323	44.6449	.9900	.9791	2.9327	1	12	15.5690	267.0100
24.890	54.6478	.9896	.9815	2.6163	1	11	15.4180	296.2800
27.157	65.1763	.9871	.9784	3.1349	1	9	16.1660	340.2600
34.661	62.3908	.9820	.9743	4.9111	2	9	14.9480	207.0600
37.205	74.4103	.9830	.9751	4.8405	3	8	15.8540	226.1800
39.452	86.7980	.9835	.9752	4.5958	3	6	16.0260	222.0000
41.451	99.4827	.9817	.9712	3.7302	3	6	16.1540	207.3900
61.323	110.3826	.9512	.9494	2.7951	3	5	18.8630	148.7600
62.008	124.0154	.9512	.9494	2.7951	3	5	19.0730	150.3600
62.661	137.8512	.9512	.9494	2.7951	3	5	19.2730	151.9400
63.267	151.8395	.9147	.9300	3.3434	2	4	18.1070	110.7500
99.522	218.9381	.7995	.8566	1.9642	2	4	19.7960	50.4240
103.346	206.6927	.7995	.8566	1.9642	2	4	20.5580	52.3640
108.495	195.2934	.7995	.8566	1.9642	2	4	21.5820	54.9730
159.831	79.9169	.7121	.7743	2.2423	2	4	49.8160	104.6600
257.573	128.7880	.6564	.5565	2.0859	3	3	247.3300	462.6800
275.588	137.7992	.6564	.5565	2.0859	3	3	264.6300	709.0200
300.454	150.2246	.6564	.5565	2.0859	3	3	288.5000	772.9250

Station 16, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0609	.0967	1	60	5.1483	9.4329	115.4800	.1334	.4479
.026	.0562	.1236	1	60	5.9040	10.6410	148.0900	.1782	.5769
.026	.0521	.1296	1	60	6.7831	12.8540	211.2300	.2396	.8604
.027	.0479	.0582	1	60	8.9423	17.0730	371.4500	.4257	1.5514
.038	.0922	.1111	1	60	13.2610	21.9810	637.3100	1.3512	3.5454
.041	.0893	.1205	1	60	13.0420	21.3110	624.2700	1.3813	3.6879
.043	.0868	.0967	1	60	12.2990	20.2690	562.1100	1.3128	3.5658
.047	.0848	.0969	1	60	11.9260	19.1930	498.9100	1.2295	3.4692
.059	.1407	.1577	1	60	10.7540	18.0960	443.1100	1.3562	3.8402
.064	.1419	.1643	1	60	10.0600	17.2470	398.6700	1.3053	3.8363
.072	.1447	.1604	1	60	9.4704	16.7460	370.1300	1.2974	4.0566
.083	.1500	.1645	1	60	9.0503	16.4390	352.1600	1.3648	4.5031
.089	.2148	.1709	1	60	8.8191	16.0050	333.9400	1.3921	4.5852
.102	.2253	.2059	1	60	8.4863	15.2780	305.4400	1.4752	4.7813
.121	.2411	.2240	1	60	8.2684	15.0630	295.2700	1.6482	5.4704
.137	.3278	.2129	1	60	8.1490	14.8970	288.2600	1.8120	6.0632
.147	.2653	.2077	1	60	7.9345	14.5720	275.2900	1.8559	6.2596
.163	.3579	.1913	1	60	7.5677	14.3020	261.8100	1.8631	6.6541
.201	.4018	.1420	1	60	6.6343	12.8030	207.9400	1.7685	6.5867
.208	.5004	.1218	1	60	6.5385	12.5700	200.7600	1.7827	6.5886
.258	.5684	.0771	1	60	5.6517	11.3880	161.6300	1.6504	6.7007
.261	.4694	.0572	1	60	5.6814	11.2680	159.2500	1.6835	6.6222
.318	.7638	.0371	1	60	5.0557	10.0880	127.3300	1.6268	6.4771
.335	.6697	.0686	1	60	4.8413	9.7594	118.6800	1.5696	6.3785
.410	.9027	.1489	1	60	4.5340	8.6321	95.0710	1.6870	6.1148
.461	.8305	.2074	1	60	4.1593	7.8790	79.3790	1.5964	5.7285
.486	1.1657	.2529	1	60	4.1394	7.7169	76.6850	1.6645	5.7850
.558	1.1161	.3494	1	60	3.6840	7.2213	65.7180	1.5148	5.8203
.604	1.4498	.5401	3	55	.7174	.6635	.9549	.0622	.0532
.639	1.1498	.5822	3	60	1.5723	1.8384	5.8521	.3158	.4318
.652	1.4337	.4333	1	60	3.3672	6.7869	57.4000	1.4778	6.0034
.741	1.7793	.5389	1	60	3.1513	6.1957	48.3180	1.4725	5.6917
4.147	9.1224	.4966	3	45	1.4115	.9018	2.8057	1.6523	.6744
4.306	8.6125	.4966	3	45	1.4115	.9018	2.8057	1.7159	.7004
4.521	8.1374	.4966	3	45	1.4115	.9018	2.8057	1.8014	.7353
6.660	3.3298	.5026	3	45	1.4070	.8785	2.7513	2.6366	1.0274

Station 16, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.8389	.8774	.3076	355	1	4.8208	3.2905
.026	.0562	.8886	.8923	.3216	381	1	6.1671	4.2587
.026	.0521	.9046	.8967	.3364	411	1	8.3029	6.4799
.027	.0479	.9231	.9043	.3569	447	1	13.9550	12.3650
.028	.0422	.8959	.8820	.3887	232	1	40.3350	28.0180
.041	.0893	.9133	.9073	.4153	240	1	39.4620	24.7650
.043	.0868	.9123	.9140	.4812	247	1	37.1330	23.9550
.047	.0848	.9052	.9142	.5570	252	1	35.4920	23.7930
.059	.1407	.9447	.9480	.6476	153	1	34.9260	22.1340
.064	.1419	.9575	.9537	.6767	151	1	34.1720	20.7310
.072	.1447	.9629	.9560	.7706	148	1	35.9380	20.9810
.083	.1588	.9596	.9585	.9821	144	1	38.0750	22.1420
.089	.2148	.9684	.9605	1.1903	100	1	38.4360	22.7510
.102	.2253	.9663	.9629	1.7763	96	1	40.2160	25.0770
.121	.2411	.9734	.9666	2.1718	90	1	46.7410	29.6580
.137	.3278	.9762	.9712	2.5135	66	1	52.1420	33.4360
.147	.2653	.9733	.9645	2.6071	81	1	53.7520	35.4930
.163	.3579	.9707	.9613	3.4143	60	1	56.6640	38.9580
.201	.4818	.9603	.9396	5.7288	54	1	51.6920	44.5540
.208	.5004	.9610	.9352	6.3424	44	1	50.9730	45.5500
.258	.5684	.9473	.9159	12.2550	39	2	46.4450	48.5770
.261	.4694	.9421	.9154	10.9900	46	2	46.5360	47.2050
.318	.7638	.9311	.9108	10.5550	28	2	42.7650	46.5330
.335	.6697	.9271	.9070	13.7720	33	2	41.1230	44.8050
.410	.9027	.9199	.8889	14.3940	29	3	41.1960	45.5950
.461	.8305	.9131	.8637	8.6950	27	3	47.0530	47.9300
.486	1.1657	.9145	.8629	8.1692	20	3	49.3950	48.7360
.558	1.1161	.9084	.8484	8.0749	20	3	49.0680	50.4000
.604	1.4490	.5659	.7339	.0815	178	3	25.3240	40.8100
.613	1.3491	.6527	.7787	.1871	191	2	30.7650	43.9920
.625	1.2492	.6977	.8161	.3661	206	3	33.9810	46.9950
.638	1.1492	.7771	.8166	.5278	224	3	36.7720	43.8970
.652	1.4337	.9017	.8364	6.3729	16	3	56.9000	50.0090
.741	1.7793	.8626	.7956	7.0503	13	3	53.8750	47.6290
.816	1.4693	.8475	.8202	36.2070	16	3	52.3340	53.6650
.922	2.2117	.7999	.8281	.8744	117	3	44.2460	57.1920
.930	1.8602	.7926	.8065	25.9560	12	3	54.3870	55.0380
.974	2.1427	.7497	.7798	.5911	121	3	41.9530	54.8110
1.035	2.2770	.7950	.7868	8.2432	11	3	44.0040	52.2380
1.041	2.0819	.7576	.7740	.6983	124	3	47.3610	56.3460
1.130	2.0333	.7951	.7793	.8600	127	3	49.9910	58.0520
1.132	2.7157	.7784	.8111	5.5465	9	3	42.9910	55.1590
1.407	3.3758	.7552	.7540	1.0813	77	3	60.1980	65.5240
1.444	2.5996	.7421	.8497	5.4375	9	3	39.5310	48.7050
1.547	3.4031	.7535	.7534	1.4069	76	3	61.0210	64.5180
1.550	3.1004	.7545	.8519	5.8343	8	3	41.4930	50.8320
1.644	3.6165	.7440	.8711	4.7059	6	3	40.1900	49.9780
1.727	4.1451	.7427	.8582	5.4906	6	3	39.1980	47.9860
1.735	3.4699	.7319	.7397	1.7413	75	3	60.0260	66.7930
1.999	3.5974	.6781	.7042	2.4331	72	3	55.3170	62.5990
2.147	5.1525	.6583	.7123	2.6632	50	3	54.0730	62.9190
2.457	5.4048	.6406	.6906	4.6670	48	3	50.0690	59.7070
2.555	4.5992	.5599	.6984	3.6159	5	3	32.3820	44.0110
2.584	5.1674	.5599	.6984	3.6159	5	3	32.7990	44.5020
2.611	5.7438	.5599	.6984	3.6159	5	3	33.0880	44.9700
2.636	6.3267	.6216	.7180	5.4212	4	3	34.8170	44.1940
2.892	5.7834	.6090	.6685	6.7990	45	3	47.0830	58.3090
3.277	7.8641	.5665	.6609	4.6891	34	3	40.6270	54.6230
3.536	6.3696	.5483	.6356	4.1797	41	3	36.5510	54.6190

Station 17

3.902	8.5884	.5109	3.2324	.5992	31	3	31.4120	53.0200			
4.147	9.1224	.6014	2.9983	.6672	4	3	19.3400	28.9320			
4.306	8.6125	.6014	2.9983	.6672	4	3	20.0840	29.5260			
4.521	8.1374	.6014	2.9983	.6672	4	3	21.0850	30.9970			
4.819	9.6386	.5188	2.2239	.5365	28	3	22.8330	48.6970			
5.002	12.0034	.5313	2.4332	.5308	22	3	21.2520	50.1360			
6.197	13.6390	.4784	.8096	.5146	20	3	31.9580	47.5360			
6.256	11.2609	.9836	2.0449	.5141	24	3	36.5700	46.2290			
6.660	3.3298	.5967	2.9847	.6687	4	3	31.9370	45.8490			
7.634	18.3211	.5427	1.9130	.5091	15	3	54.6490	50.0100			
8.032	16.0645	.6087	.9050	.5610	17	3	67.3940	57.5230			
9.843	21.4539	.6501	.9450	.6649	12	3	70.9360	78.2080			
10.732	5.3662	.6556	1.2151	.7300	3	3	129.9300	93.2550			
11.048	19.9219	.7852	1.3401	.7885	14	3	103.8200	102.8000			
11.483	5.7415	.6556	1.2151	.7300	3	3	139.0100	99.7770			
11.651	27.9639	.7944	1.0205	.7951	10	3	99.5250	105.2300			
12.519	6.2594	.6556	1.2151	.7300	3	3	151.5500	138.7800			
13.387	26.7745	.8243	.7764	.8508	10	3	114.9800	156.8800			
15.433	34.3914	.8592	.7152	.8818	9	3	49.5270	174.9800			
17.784	42.6821	.8812	.8889	.8895	7	3	49.1960	191.0200			
19.581	35.2473	.8198	1.1107	.8748	8	3	45.1160	193.8900			
22.312	44.6229	.8142	1.2583	.9114	7	3	38.3260	183.9000			
24.828	54.6209	.8332	1.1772	.9123	6	3	45.7290	158.2500			
27.144	65.1466	.8472	1.3330	.9198	5	3	51.2280	176.5500			
34.644	62.3597	.8997	1.2395	.9455	5	3	37.4720	123.9700			
37.186	74.3716	.9081	1.2556	.9492	4	3	41.8760	130.2650			
39.432	86.7528	.9147	1.3777	.9555	3	3	46.3990	122.0600			
41.430	99.4332	.9176	1.1596	.9557	4	3	51.7740	114.3050			
61.293	110.3290	.9316	1.0649	.9608	3	3	73.9640	153.3600			
99.167	49.5810	.8887	1.1164	.9250	5	3	141.3000	273.5800			
102.062	51.0308	.8897	1.1164	.9250	5	3	145.4300	281.5800			
104.665	52.3314	.8800	1.1977	.9054	4	3	147.7900	285.5500			
169.736	84.8680	.8546	1.6257	.8645	3	3	428.8500	514.4500			

Station 17, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0604	.3076	1	103	25.4530	22.6280	1159.9000	3.2613	2.5775
.026	.0562	.3216	1	103	30.0790	26.0580	1583.8000	4.6258	3.7717
.026	.0521	.3364	1	103	35.3150	31.7750	2256.8000	6.4944	5.2576
.027	.0479	.3564	1	103	46.3380	43.2980	4021.9000	11.4300	9.9794
.038	.0922	.3887	1	103	61.9810	54.2960	6789.7000	29.5160	22.6519
.041	.0893	.4153	1	103	60.4740	51.2970	6288.5000	29.6970	21.3670
.043	.0868	.4812	1	103	57.2450	48.3910	5618.7000	28.4420	20.3240
.047	.0848	.5570	1	103	53.6960	45.8450	4985.0000	27.1540	19.7940
.604	1.4490	.0815	3	103	8.6746	12.8740	240.5800	9.0844	20.6130
.613	1.3491	.1871	2	103	11.4350	14.3710	337.3000	16.0380	25.3310
.625	1.2492	.3661	3	103	13.5190	16.1090	442.2500	22.8290	32.4146
.638	1.1492	.5278	3	103	16.1250	15.7980	509.6000	33.2039	31.4760
.974	2.1427	.5911	3	103	12.7500	13.6950	350.1100	31.8645	34.5367

Station 17, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.6407	.7232	.4619	355	2	7.5266	2.6537
.026	.0562	.7070	.7802	.2719	381	2	11.9760	4.1005
.026	.0521	.7313	.8195	.2492	411	2	19.2650	6.2177
.027	.0479	.8077	.8797	.2100	447	1	37.4760	11.3470
.038	.0922	.8812	.8984	.1730	232	1	125.6100	34.1190
.041	.0893	.8978	.9094	.1270	240	1	129.3300	33.3530
.043	.0868	.9020	.9091	.0935	247	1	131.5800	31.1070
.047	.0848	.8856	.9021	.0282	252	1	137.0100	28.8260
.059	.1407	.9152	.9340	.1199	153	1	151.0000	29.2610
.064	.1419	.9161	.9147	.1792	151	1	141.9900	27.1620
.072	.1447	.9053	.8542	.2042	148	1	138.3700	23.6430
.083	.1506	.9048	.7237	.1503	144	2	138.9900	17.7870
.089	.2148	.9087	.6994	.1683	100	2	139.2800	16.9960
.102	.2253	.9060	.6160	.1641	96	2	144.5400	13.4900
.121	.2911	.9157	.6518	.1265	90	2	160.6000	15.5630
.137	.3278	.9225	.7206	.1162	66	2	173.8100	18.9960
.147	.2653	.9245	.7648	.1372	81	2	188.9800	22.5450
.163	.3579	.9244	.8803	.1920	60	1	210.8900	28.3010
.201	.4018	.9585	.9297	.2423	54	1	296.8500	29.1010
.208	.5004	.9638	.9313	.2530	44	1	260.2500	29.2130
.258	.5684	.8726	.9203	.1852	39	1	219.6900	29.0850
.261	.4694	.8818	.9191	.2069	46	1	226.9900	29.0220
.318	.7638	.8723	.9131	.2922	28	2	236.7500	27.8900
.335	.6697	.8944	.9206	.2874	33	2	256.9700	26.9930
.410	.9027	.9753	.9387	.3278	29	1	384.9200	30.3530
.461	.8305	.9773	.9378	.3570	27	1	384.7200	31.3950
.486	1.1657	.9797	.9453	.3502	20	1	396.2400	32.5370
.558	1.1161	.9811	.9256	.3960	20	1	432.6400	31.6990
.604	1.4490	.2479	.3882	.6714	178	3	37.2030	5.2815
.613	1.3491	.3402	.4221	1.9117	191	3	57.8510	7.6853
.625	1.2492	.4827	.5297	1.0372	206	3	93.5920	10.3240
.638	1.1492	.6174	.5622	.8364	224	3	143.5600	10.8930
.652	1.4337	.9842	.9145	.3795	16	1	450.2400	33.6490
.741	1.7793	.9842	.9010	.3802	13	2	517.2600	34.6300
.816	1.4693	.9736	.9022	.3737	16	2	582.1200	34.9790
.922	2.2117	.7663	.5497	.4266	117	3	352.7000	21.0020
.930	1.8602	.9682	.9081	.3826	12	2	620.9300	37.5200
.974	2.1427	.2920	.5016	.4264	121	3	74.2440	9.6173
1.035	2.2770	.9613	.9022	.3829	11	2	677.9600	40.1040
1.091	2.0819	.3902	.5038	.5035	124	3	103.6800	10.1970
1.130	2.0333	.4945	.4764	.6721	127	3	133.2400	11.9380
1.132	2.7157	.9498	.9114	.4226	9	2	620.5400	42.7360
1.407	3.3758	.4617	.4973	.8418	77	3	148.5300	13.0900
1.444	2.5996	.9464	.8772	.5003	9	1	622.1000	44.7370
1.547	3.4031	.7146	.6209	.7394	76	2	266.7800	17.8540
1.550	3.1004	.9419	.8664	.5062	8	1	619.4100	48.6140
1.644	3.6165	.9394	.8641	.5414	6	1	641.7100	51.4570
1.727	4.1451	.9346	.8371	.6967	6	1	630.8200	47.6220
1.735	3.4499	.6773	.5687	.7304	75	3	269.0300	22.1160
1.944	3.5974	.6468	.5268	.7166	72	3	220.2400	22.0870
2.147	5.1525	.6287	.5108	.7379	50	3	218.5900	24.4820
2.457	5.4048	.6489	.5317	.7876	48	3	214.2600	25.6280
2.555	4.5992	.8898	.8648	.9470	5	1	735.4000	38.2870
2.584	5.1674	.8898	.8648	.9470	5	1	743.6100	33.7140
2.611	5.7438	.8898	.8648	.9470	5	1	751.4200	39.1210
2.636	6.3267	.8725	.8794	.9736	4	1	712.3000	35.5420
2.892	5.7839	.6485	.5464	.7750	45	3	223.7800	24.4820
3.277	7.8691	.6482	.5451	.9865	34	3	267.8300	26.0570
3.536	6.3696	.5765	.6019	1.2219	41	3	304.3500	27.1810

Station 18

3.902	8.5849	.5913	.5943	1.2022	31	3	338.5100	26.1310
4.147	9.1224	.8953	.9025	.9896	9	1	697.9100	41.6365
4.306	8.6125	.8953	.9025	.9896	9	1	724.7600	43.2380
4.521	8.1374	.8953	.9025	.9896	9	1	760.8700	45.3920
4.819	9.6386	.9702	.5609	1.1820	28	3	284.3300	28.7970
5.002	12.0034	.4596	.5694	1.1036	22	3	280.5000	30.1980
6.197	13.6340	.3667	.4116	1.4774	20	3	167.6400	15.9630
6.256	11.2604	.4997	.4000	.6501	24	3	188.9000	21.1370
6.660	3.3298	.8885	.8979	1.0399	6	1	1055.6000	46.7560
7.434	18.3211	.5640	.3912	.3854	15	3	275.3500	16.7540
8.032	16.0645	.7816	.6216	.4447	17	2	477.8900	24.9560
9.843	21.6539	.9338	.8752	.3775	12	2	1060.3000	30.8450
10.732	5.3662	.7667	.6794	1.3389	3	2	840.4400	115.0300
11.068	19.9219	.9726	.9797	.4913	14	3	738.0400	54.9410
11.483	5.7415	.7667	.6794	1.3389	3	2	899.2400	123.0700
11.651	27.9634	.9713	.9761	.4589	10	3	855.5400	63.1020
12.519	6.2594	.7667	.6794	1.3389	3	2	980.3500	134.1700
13.387	26.7745	.9841	.9884	.4179	10	3	818.7100	51.2310
15.433	24.3914	.9838	.9898	.4320	9	3	686.2200	60.1330
17.784	42.6821	.9834	.9905	.4417	7	3	734.7200	65.6120
19.581	35.2473	.9700	.9879	.4270	8	2	752.1900	65.8420
22.312	49.6229	.9749	.9832	.3229	7	2	742.3000	70.7220
24.828	58.6209	.9657	.9724	.2490	6	2	717.9100	74.3690
27.144	65.1466	.9634	.9698	.2341	5	2	806.1900	58.4710
30.649	62.3547	.9314	.9582	.0887	5	1	927.1300	24.6020
37.186	74.3716	.9353	.9672	.0843	4	1	1016.6600	21.2510
39.432	86.7528	.9278	.9750	.0889	3	1	984.1400	17.7740
41.430	99.4332	.9265	.9519	.2897	4	1	874.4760	10.0520
61.243	110.3290	.8202	.9255	.8564	3	2	1325.0000	9.0739
99.167	49.5810	.4926	.7994	.6195	5	2	2961.2000	19.5320
102.062	51.0308	.4926	.7994	.6195	5	2	3047.7000	20.1030
104.665	52.3314	.4877	.7796	.7241	4	2	3159.3000	20.8240
164.736	84.8660	.6337	.5805	.6563	3	3	6309.6000	33.3240

Station 18, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0604	.4619	2	345	24.9970	16.6150	876.1800	3.0210	1.3896
.026	.0562	.2719	2	340	33.5060	22.2300	1616.9000	5.7399	2.5267
.026	.0521	.2492	2	340	43.5980	28.7280	2721.8000	9.8757	4.2979
.027	.0479	.2108	1	340	66.7640	40.2970	6081.3000	23.7270	8.6491
.038	.0922	.1728	1	340	112.5600	58.5740	16102.0000	97.3530	26.3610
.041	.0893	.1270	1	340	111.9400	57.7900	15870.0000	101.7500	27.1190
.043	.0868	.0935	1	340	108.1600	54.7170	14692.0000	101.5300	25.9650
.047	.0848	.0282	1	340	102.9700	51.5640	13159.0000	98.8900	25.0410
.059	.1407	.1194	1	340	97.7380	48.9000	11944.0000	112.0300	28.0420
.064	.1419	.1792	1	340	90.9920	43.7010	10189.0000	106.7800	24.6310
.072	.1447	.2042	1	340	83.5960	36.4280	8306.9000	100.9700	19.1960
.083	.1500	.1503	2	340	79.4580	29.6530	6921.4000	105.2000	10.1270
.089	.2148	.1683	2	340	77.4560	22.6030	6510.3000	107.3800	6.1448
.102	.2253	.1641	2	345	74.8070	16.2460	5860.0000	114.6300	3.9061
.121	.2911	.1265	2	345	73.2870	16.7130	5650.3000	129.9900	6.7391
.137	.3278	.1162	2	345	72.3730	18.9160	5595.7000	143.1000	9.7755
.147	.2653	.1372	2	345	71.6210	21.3840	5586.8000	151.2200	13.9810
.163	.3579	.1920	1	340	69.4600	27.5160	5581.9000	156.9600	24.6310
.201	.4018	.2423	1	340	68.3660	26.7650	5390.3000	187.8000	28.7850
.208	.5004	.2530	1	340	68.5390	26.4100	5395.1000	195.8800	29.0850
.258	.5684	.1852	1	340	50.0370	24.5790	3107.8000	129.3600	31.2140
.261	.4694	.2069	1	340	51.1970	24.3880	3215.9000	136.7100	31.0220
.318	.7638	.2922	2	340	44.3320	22.4750	2470.5000	125.0900	32.1480
.335	.6697	.2874	2	340	46.0290	21.5140	2581.6000	141.8900	30.9960
.410	.9027	.3278	1	340	54.7160	19.7940	3385.6000	245.6800	32.1510
.461	.8305	.3570	1	340	52.2960	18.8180	3089.0000	252.3700	32.6770
.486	1.1657	.3502	1	340	52.0520	18.7020	3059.1000	263.2000	33.9790
.558	1.1161	.3460	1	340	49.3650	17.2520	2734.6000	271.9900	33.2210
.652	1.4337	.3795	1	340	46.8330	16.1750	2459.9000	285.8600	34.1010
.741	1.7793	.3802	2	340	45.2100	15.7350	2291.6000	303.0600	36.7110
.816	1.4693	.3737	2	340	42.8540	15.2470	2068.9000	299.8200	37.9510
.922	2.2117	.4266	3	345	26.4290	6.2597	737.6800	128.7400	7.2219
.930	1.8602	.3826	2	340	41.8720	14.5280	1964.3000	326.1900	39.2625
.974	2.1427	.4264	3	320	2.8003	7.4181	62.8700	1.5275	10.7140
1.035	2.2770	.3829	2	340	41.0110	14.2770	1885.8000	348.1600	42.1460
1.041	2.0819	.5035	3	320	3.7168	6.6920	58.5970	2.8761	9.3235
1.132	2.7157	.4226	2	340	36.8180	14.2960	1559.9000	306.7700	46.2950
1.444	2.5996	.5003	1	340	32.6170	11.9190	1205.9000	307.2900	41.0350
1.550	3.1004	.5062	1	340	32.4350	11.6990	1188.9000	326.1700	42.9320
1.644	3.6165	.5414	1	340	31.7210	11.5480	1139.6000	330.8200	43.8460
7.634	18.3211	.3854	3	340	7.7720	1.5358	62.7630	92.2229	5.6013
8.032	16.0645	.4447	2	335	13.4360	2.7779	188.2400	290.0100	12.3470
9.843	21.6539	.3775	2	340	18.9620	4.3571	378.5300	767.7800	37.3720
11.068	19.9219	.4913	3	335	18.0900	4.7166	349.5000	729.9100	44.2940
11.651	27.9634	.4589	3	335	18.8530	5.0277	380.7000	828.2500	54.9060
13.387	26.7745	.4179	3	335	18.4640	4.2053	358.5900	912.7900	47.3400
15.633	34.3914	.4320	3	335	17.0640	4.0120	307.2600	910.3900	50.3250
17.784	42.6821	.4417	3	335	16.9350	3.9248	302.2100	1020.1000	54.7490
19.581	35.2473	.4270	2	335	15.2580	3.7269	246.7000	911.7600	54.3480
22.312	44.6229	.3229	2	340	14.3700	3.3268	217.5600	921.4600	54.1489
24.828	54.6209	.2490	2	340	12.6770	2.7508	168.2800	798.0700	37.5710
27.144	65.1466	.2341	1	340	12.3170	2.4933	157.9300	823.5900	33.7490
34.644	62.3597	.0887	1	340	10.7230	1.5942	117.5300	746.7100	17.6560
37.186	74.3716	.0843	1	340	10.8390	1.4728	119.6500	871.7200	16.1320
39.432	86.7528	.0889	1	340	10.0830	1.4157	103.6700	801.7700	15.4675
41.430	99.4332	.2897	2	340	9.0735	1.1229	83.5900	682.1800	10.9443

Station 18, cont'd.

[illegible] APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.625	.0604	.8785	.9273	.5692	355	1	1.1868	2.9983
.626	.0562	.9216	.9429	.5875	381	1	1.4430	4.1336
.626	.0521	.9458	.9496	.5928	411	1	2.0469	6.3464
.627	.0479	.9497	.9438	.5310	447	1	3.3143	11.3400
.638	.0422	.9272	.9206	.5491	232	1	9.3301	27.9820
.641	.0893	.9332	.9272	.6169	240	1	8.9242	24.6310
.643	.0868	.9315	.9287	.6891	247	1	8.9791	22.7840
.647	.0848	.9159	.9194	.6929	252	1	8.3276	21.8380
.659	.1407	.8722	.8529	.5351	153	1	8.0 1	17.3760
.864	.1419	.8603	.8186	.4853	151	1	7.5785	16.0720
.872	.1447	.8739	.8312	.5667	198	1	8.2554	17.3400
.883	.1500	.8835	.8407	.6477	144	1	9.1917	19.1720
.889	.2148	.9146	.8791	.7863	100	1	10.0730	22.4200
.102	.2253	.9692	.9559	1.0463	96	1	12.5330	27.8040
.121	.2911	.9773	.9695	1.0818	90	1	14.2900	30.8460
.137	.3278	.9823	.9750	1.0663	66	1	15.8120	33.7860
.147	.2653	.9814	.9738	1.0885	81	1	16.1680	35.5630
.163	.3579	.9830	.9764	1.0855	60	1	17.0620	37.2000
.201	.4018	.9833	.9733	.9705	54	1	18.3120	41.9220
.208	.5004	.9839	.9738	.9525	44	1	18.9390	43.0390
.258	.5684	.9807	.9765	.8364	39	1	20.0250	48.4680
.261	.4694	.9802	.9756	.8103	46	1	19.5110	49.5100
.318	.7638	.9812	.9758	.7157	28	1	20.6730	56.9730
.335	.6697	.9781	.9774	.6615	33	1	20.5710	57.7030
.410	.9027	.9736	.9783	.5619	29	1	21.9140	64.9280
.461	.8305	.9533	.9774	.4735	27	1	22.5510	65.1610
.486	1.1657	.9600	.9790	.4407	20	1	22.6810	67.3100
.558	1.1161	.9919	.9736	.3745	20	1	22.9148	69.2350
.604	1.4498	.1480	.0964	.1723	355	3	.5799	.8363
.619	1.3498	.2092	.1313	.3423	381	3	1.8157	1.3829
.625	1.2498	.3142	.2064	.5531	411	3	1.8729	2.5963
.639	1.1498	.4497	.3025	.6843	447	3	3.5679	5.6212
.652	1.9337	.9376	.9681	.3215	16	1	29.3690	72.5410
.741	1.7793	.9105	.9647	.2795	13	2	28.9100	78.3690
.816	1.9693	.8380	.9689	.2397	16	2	36.5858	71.7769
.922	2.2128	.8677	.7630	1.0019	232	2	16.5588	41.1750
.930	1.8602	.8376	.9698	.2082	12	2	49.9580	77.1220
.974	2.1438	.8363	.7376	1.3423	240	2	15.3068	32.9220
1.035	2.2770	.8199	.9751	.1460	11	2	79.3790	76.1330
1.041	2.0830	.8331	.7570	1.3215	247	2	15.3618	36.5570
1.130	2.0343	.8341	.7616	1.1396	252	2	16.9968	39.4915
1.132	2.7157	.8354	.9800	.1345	9	1	134.6800	87.8620
1.407	3.3775	.8428	.7633	1.0866	153	2	20.8778	53.8498
1.444	2.5996	.8153	.9738	.2291	9	1	616.3180	115.2308
1.548	3.4048	.8601	.7760	1.0568	151	2	23.8499	63.5113
1.550	3.1004	.8194	.9651	.1833	8	1	826.6360	1.9 6636
1.644	3.6165	.8791	.9463	.1056	6	1	2125.6000	1.4 7200
1.727	4.1451	.8300	.9398	.0937	6	1	3308.2000	111 6300
1.736	3.4716	.8612	.7731	1.0909	198	2	25.7198	72.5893
1.999	3.5991	.8512	.7723	1.3105	144	2	27.9969	84.5165
2.148	5.1549	.8477	.7729	1.5665	100	2	27.4958	90.5603
2.458	5.4077	.8298	.7767	1.3922	96	2	28.3985	89.2310
2.555	4.5992	.8192	.9525	.1706	5	1	5444.0000	130.1500
2.584	5.1674	.8192	.9525	.1706	5	1	5567.0000	131.0000
2.611	5.7438	.8192	.9525	.1706	5	1	5615.0000	132.4450
2.636	6.3267	.8648	.9436	.1322	4	2	97382.0000	121.1410
2.893	5.7860	.8175	.7640	1.6029	90	2	32.1860	91.8715
3.278	7.8684	.7968	.7597	1.5868	66	2	34.9598	91.7369
3.538	6.3678	.7985	.7877	1.4071	81	2	35.2530	104.9450

Station 19

3.904	8.5889	.8086	.8041	1.5379	60	2	38.6050	118.2500
4.147	9.1224	.6689	.8501	.4890	4	2	*2030.0000	183.6800
4.306	8.6125	.6689	.8501	.4890	4	2	*9800.0000	190.7400
4.521	8.1374	.6689	.8501	.4890	4	2	*0600.0000	200.2500
4.822	9.6432	.8422	.9035	1.3133	54	2	44.2610	130.1700
5.004	12.0093	.8551	.9168	1.2891	44	2	45.7070	136.4700
6.200	13.6407	.8458	.9065	1.4159	39	2	52.7420	151.9700
6.259	11.2658	.8433	.9099	1.4375	46	2	51.2040	150.4200
6.660	3.3298	.6383	.8418	.4847	6	2	*6300.0000	308.4600
7.638	18.3298	.8215	.8900	1.8099	28	1	51.6580	151.9700
8.036	16.0725	.8324	.8898	1.8932	33	1	57.0140	183.0000
9.847	21.6647	.8954	.9348	1.7794	24	1	69.7250	256.4300
10.732	5.3662	.4743	.8348	1.1901	3	3	*4080.0000	743.6700
11.073	19.9318	.9296	.9600	2.3222	27	1	72.4450	199.3500
11.483	5.7415	.4743	.8348	1.1901	3	3	*4640.0000	795.6800
11.657	27.9775	.9340	.9604	2.3123	20	1	82.2890	213.7400
12.519	6.2594	.4743	.8348	1.1901	3	3	*3030.0000	867.4500
13.394	26.7874	.9565	.9721	3.0065	20	3	48.0900	86.1470
15.640	34.4080	.9804	.9779	2.7072	16	3	41.8120	49.8950
17.793	42.7022	.9871	.9860	2.5716	13	3	39.8040	50.1045
19.591	35.2634	.9845	.9859	2.5837	16	3	41.7820	55.8210
22.323	44.6449	.9858	.9892	2.3373	12	3	43.7200	64.1060
24.840	54.6478	.9725	.9852	2.1305	11	3	45.3640	84.3760
27.157	65.1763	.9666	.9821	1.9954	9	3	40.3800	97.1840
34.661	62.3908	.9776	.9702	1.3932	9	3	32.6620	100.5800
37.205	74.4103	.9792	.9716	1.4237	8	3	35.1020	109.6400
39.452	86.7980	.9818	.9780	1.3939	6	3	35.8950	104.0800
41.451	99.4827	.9843	.9772	1.1942	6	3	38.7500	139.7800
61.323	110.3826	.9680	.9754	.8781	5	1	55.7630	624.2400
62.008	124.0156	.9680	.9754	.8781	5	1	56.3850	631.2100
62.661	137.8512	.9680	.9754	.8781	5	1	56.9780	637.8400
63.267	151.8395	.9658	.9748	.9798	4	2	57.8730	869.0400
99.522	218.9381	.9648	.9721	1.0972	4	2	84.3420	669.1200
103.346	206.6927	.9648	.9721	1.0972	4	2	87.5870	694.8600
108.495	195.2934	.9648	.9721	1.0972	4	2	91.9510	729.4800
159.831	79.9169	.8654	.9400	1.1370	6	2	195.5650	1250.3000
257.573	128.7880	.8785	.9543	.9005	3	3	1815.5000	10774.0000
275.588	137.7942	.8785	.9543	.9005	3	3	1942.4000	11528.0000
300.454	150.2246	.8785	.9543	.9005	3	3	2117.7000	12567.0000

Station 19, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0604	.5692	1	60	13.7560	23.0850	722.1700	.9526	2.4427
.026	.0562	.5875	1	60	15.7110	27.2990	992.0400	1.2620	3.5101
.026	.0521	.5928	1	60	18.7080	32.9440	1435.3000	1.8224	4.6517
.027	.0479	.5310	1	60	23.7490	43.2020	2430.4600	3.0823	9.9341
.038	.0922	.5491	1	60	32.8920	54.9580	4102.3000	8.3125	23.2076
.054	.1407	.5351	1	60	22.4040	30.7880	1449.9000	5.8861	11.1160
.064	.1419	.4853	1	60	20.5810	26.5980	1131.0000	5.9424	9.1241
.072	.1447	.5667	1	60	20.4830	25.9220	1091.5000	6.0687	9.7202
.110	.9027	.5619	1	55	16.1160	25.3560	902.6600	21.3150	52.7540
.461	.8305	.4735	1	55	15.0070	24.6300	831.8400	20.7810	55.9740
.486	1.1657	.4407	1	55	14.7350	24.6620	825.3100	21.0910	59.0830
.558	1.1161	.3745	1	55	13.5290	23.4870	734.6500	20.4280	61.5640
.604	1.4498	.1723	3	50	.3304	.2390	.1663	.0132	.0064
.614	1.3498	.3423	3	50	.6130	.3998	.5354	.0461	.0134
.625	1.2498	.5531	3	50	1.2422	.7881	2.1642	.1929	.0774
.652	1.4337	.3215	1	50	12.5030	22.7200	672.5400	26.3740	67.2860
.741	1.7793	.2745	2	50	12.2930	22.0200	636.0200	22.4070	71.8475
.814	1.4693	.2397	2	45	11.6220	21.5910	601.2300	22.5530	74.1045
.930	1.8602	.2082	2	40	12.1810	21.6250	616.0100	27.6010	84.4910
1.035	2.2770	.1460	2	25	13.1880	22.8570	696.3700	36.0010	108.1400
1.132	2.7157	.1345	1	10	15.2960	24.8340	850.4800	52.9490	139.5700
1.444	2.5996	.2291	1	65	37.1770	17.8150	1699.5000	399.2100	91.6766
1.550	3.1004	.1833	1	65	42.3160	17.6400	2101.8000	555.1600	94.4730
1.444	3.6165	.1056	1	65	71.0530	16.3550	5316.0000	1459.8000	87.4490
1.727	4.1451	.0937	1	65	15.4850	82.6150	7065.1000	82.8260	2357.6000
2.555	4.5992	.1706	1	335	264.6700	13.8840	70244.0000	35798.6000	94.5125
2.584	5.1674	.1706	1	60	264.6700	13.8840	70244.0000	34197.6000	93.6115
2.411	5.7438	.1706	1	60	264.6700	13.8840	70244.0000	36578.0000	100.4630
2.636	6.3247	.1322	2	335	16.2070	369.6400	.6900.0000	138.4860	7259.4200
4.147	9.1224	.4890	2	70	768.4900	52.5170	.3340.0000	.9780.0600	2267.3000
4.306	8.6125	.4890	2	70	768.4900	52.5170	.3340.0000	.8620.0000	2234.1000
4.521	8.1374	.4890	2	70	768.4900	52.5170	.3340.0000	.3960.0000	2441.7000
4.660	3.3248	.4847	2	340	47.2400	698.2200	.9750.0000	2972.4000	.9110.2000

Station 19, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARENT RX	APPARENT RY
.025	.0604	.2689	.8683	3.9124	355	3	.7196	.3128
.026	.0562	.3129	.8772	4.1107	381	3	.7574	.4368
.026	.0521	.3352	.8664	4.5062	411	3	.8994	.6221
.027	.0479	.4788	.8870	4.9082	447	3	.9127	1.3980
.038	.0922	.5274	.8196	7.2424	232	3	1.7735	2.5879
.041	.0893	.5308	.8224	8.4161	240	3	1.5938	2.0607
.043	.0868	.5423	.8284	8.0325	247	3	1.6289	1.7421
.047	.0848	.5152	.8276	8.1457	252	3	1.7112	1.5213
.059	.1407	.5476	.8845	11.3120	153	3	1.5017	1.3849
.064	.1419	.5402	.9087	11.6770	151	3	1.4119	1.2860
.072	.1447	.5108	.9167	10.6150	148	3	1.4400	1.2602
.083	.1500	.5172	.9228	11.5110	144	3	1.4957	1.2666
.089	.2148	.4900	.9205	10.4750	100	3	1.6149	1.1900
.102	.2253	.5426	.9141	18.1140	96	3	1.9800	.9762
.121	.2911	.6172	.9323	87.5050	90	2	2.1076	1.1659
.137	.3278	.6600	.9430	37.1300	66	2	2.2656	1.3640
.147	.2653	.6298	.9408	27.2520	81	2	2.4356	1.4813
.163	.3579	.6066	.9447	11.5270	60	2	2.5022	1.7797
.201	.4018	.4902	.9397	10.0060	54	3	2.8297	2.2005
.208	.5004	.4796	.9397	10.7590	44	3	2.8797	2.3092
.258	.5684	.4824	.9440	20.7590	39	3	3.2544	3.2615
.261	.4694	.4825	.9456	15.8420	46	3	3.2581	3.2958
.318	.7638	.4879	.9491	13.2560	28	3	3.8599	4.1853
.335	.6697	.5362	.9509	9.8645	33	3	3.8329	4.7050
.410	.9027	.6344	.9556	6.5521	24	2	4.1099	6.8071
.461	.8305	.6605	.9555	7.3528	27	2	4.1532	10.1500
.486	1.1657	.6916	.9586	7.5106	20	2	4.3700	11.1950
.558	1.1161	.7012	.9561	12.1150	20	2	4.7320	16.4800
.604	1.9490	.3959	.9203	2.1677	178	3	3.3455	2.3449
.613	1.3491	.9260	.5395	2.9008	191	3	4.2038	3.3840
.625	1.2992	.5164	.6587	2.5057	206	3	5.6557	5.9249
.638	1.1992	.5888	.7870	3.2146	224	3	6.6588	9.8026
.652	1.9337	.7191	.9562	16.9700	16	3	5.6581	21.8150
.741	1.7793	.7552	.9622	14.1720	13	3	7.1758	25.4590
.816	1.4693	.8208	.9693	13.6410	16	3	8.3640	28.1170
.922	2.2117	.7442	.9124	8.7143	117	3	10.6660	41.4610
.930	1.8602	.8381	.9738	13.0680	12	3	9.5398	32.8920
.974	2.1427	.7708	.8828	2.1036	121	2	7.0384	24.2000
1.035	2.2770	.8373	.9714	11.2140	11	3	10.3400	40.4830
1.041	2.0819	.7782	.8910	2.3473	124	2	8.5936	32.1400
1.130	2.0333	.7872	.8960	2.6716	127	2	9.7689	40.6580
1.132	2.7157	.8427	.9700	11.4570	9	3	10.8010	49.0630
1.407	3.3758	.7858	.9016	3.2196	77	2	11.3660	53.7490
1.444	2.5996	.7970	.9605	9.9936	9	3	11.7340	76.9870
1.547	3.9031	.8159	.9422	4.9790	76	2	11.8640	90.4810
1.550	3.1009	.7897	.9596	9.2903	8	3	12.4350	86.9100
1.644	3.6165	.8026	.9603	5.8499	6	3	13.2680	92.2220
1.727	4.1451	.8043	.9547	6.8420	6	3	14.2260	97.4450
1.735	3.4699	.8258	.9491	4.7222	75	2	12.0030	104.5700
1.999	3.5974	.8511	.9452	3.7022	72	1	13.1350	106.9400
2.147	5.1525	.8520	.9489	3.9257	50	1	13.6720	114.5100
2.457	5.4048	.8765	.9454	3.4729	48	2	17.3870	119.0300
2.555	4.5992	.8170	.9368	5.3766	5	3	25.6310	108.8700
2.584	5.1674	.8170	.9368	5.3766	5	3	25.9170	110.0900
2.611	5.7438	.8170	.9368	5.3766	5	3	26.1900	111.2500
2.636	6.3267	.8164	.9321	5.7550	4	3	28.9460	103.3800
2.892	5.7834	.8773	.9348	3.5662	45	2	22.5450	124.8200
3.277	7.8691	.8675	.9296	3.1476	34	3	25.8410	145.9800
3.536	6.3696	.8533	.9243	2.9140	41	3	27.9840	141.5600

Station 20

3.902	8.5844	.8355	.9182	2.9891	31	3	31.0280	149.2656
4.147	9.1224	.7631	.9119	4.7279	4	3	37.1920	163.7300
4.306	8.6125	.7631	.9119	4.7279	4	3	38.6230	170.0900
4.521	8.1374	.7631	.9119	4.7279	4	3	40.5470	178.5600
4.819	9.6386	.7766	.8769	3.0058	28	2	35.1980	134.9700
5.002	12.0034	.7691	.8766	2.9471	22	2	36.4460	132.0800
6.197	13.6340	.7105	.7700	2.5318	20	2	41.3090	135.4100
6.256	11.2604	.6967	.7483	2.4443	24	2	40.3140	134.8600
6.660	3.3298	.7577	.9098	4.8428	6	3	59.9890	261.7600
7.634	18.3211	.6223	.6646	1.7791	15	2	40.5610	151.7600
8.032	16.0645	.6312	.6591	2.5001	17	2	39.1300	125.6100
9.843	21.6539	.6567	.6199	6.1387	12	2	42.2040	152.5300
10.732	5.3662	.6590	.8438	1.5675	3	3	67.8280	391.9800
11.068	19.9219	.7545	.7127	10.6240	14	2	60.6680	111.2600
11.483	5.7415	.6590	.8438	1.5675	3	3	72.5720	419.4000
11.651	27.9634	.7538	.6991	9.0097	10	2	55.7510	175.8400
12.519	6.2594	.6590	.8438	1.5675	3	3	79.1180	457.2300
13.387	26.7745	.8258	.8072	7.6252	10	2	56.1440	223.8200
15.633	34.3914	.9264	.9216	2.1031	9	3	81.2270	223.4600
17.784	42.6821	.9316	.9364	1.2369	7	2	94.2520	233.7200
19.581	35.2473	.9674	.9704	1.1226	8	3	171.2700	232.4200
22.312	44.6229	.9783	.9795	.9052	7	2	110.4400	238.4500
24.828	54.6209	.9764	.9789	.9007	6	2	94.1450	229.1900
27.144	65.1966	.9773	.9797	.8917	5	2	101.8300	248.2100
34.644	62.3597	.9712	.9712	.9511	5	1	90.5470	220.7000
37.186	74.3716	.9757	.9761	.9644	4	1	88.4080	224.8000
39.432	86.7528	.9786	.9786	.9533	3	1	87.2760	216.9700
41.430	99.4332	.9779	.9802	.9551	4	1	107.2100	211.4100
61.293	110.3290	.9715	.9715	.9718	3	2	202.7900	230.4500
99.167	49.5810	.9466	.9477	.9058	5	1	300.4300	387.3900
102.662	51.0306	.9466	.9477	.9058	5	1	309.2100	398.7100
104.665	52.3314	.9325	.9328	.8339	4	1	376.6500	381.6400
169.736	84.8480	.8992	.8983	.7095	3	2	577.4600	519.6100

Station 20, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0609	.7990	.8355	.2377	355	2	3.1073	1.9964
.026	.0562	.8018	.8620	.2535	381	2	3.8075	2.4225
.026	.0521	.8399	.8717	.2393	411	2	5.2757	3.4884
.027	.0479	.8781	.8800	.2636	447	2	8.2771	5.8398
.038	.0922	.8500	.7850	.1168	232	2	20.0570	12.7730
.041	.0893	.8751	.8471	.1691	240	1	18.7690	12.3100
.043	.0868	.8749	.8717	.2150	247	1	18.1260	12.0090
.047	.0848	.8606	.8790	.2863	252	1	16.9130	11.9090
.059	.1907	.8889	.9325	.3746	153	1	14.9990	12.3510
.064	.1919	.8893	.9407	.4503	151	1	13.5390	11.5190
.072	.1997	.8897	.9439	.5458	148	1	13.3110	11.6950
.083	.1500	.8891	.9442	.6165	145	1	13.4350	12.6100
.089	.2198	.8936	.9440	.7644	100	1	13.0750	12.5940
.102	.2253	.9095	.9518	.9579	96	1	12.7790	13.3160
.121	.2411	.9219	.9494	.9180	90	1	13.7330	14.1000
.137	.3278	.9275	.9522	.8821	66	1	14.6730	14.8920
.147	.2653	.9183	.9470	.8372	81	1	15.4250	15.6620
.163	.3579	.9060	.9348	.8509	60	1	16.5440	15.7550
.201	.4018	.8680	.9075	.4967	54	2	17.4380	17.8080
.208	.5004	.8621	.9051	.5069	44	2	17.8920	18.9210
.258	.5684	.8930	.8892	.4810	39	2	19.5400	19.2580
.261	.4694	.8924	.8902	.4607	46	2	19.3110	19.2620
.318	.7638	.8298	.8826	.5602	28	2	20.4800	21.4130
.335	.6697	.8335	.8845	.5095	33	2	21.3620	22.7700
.410	.9027	.8299	.8740	.4918	24	2	23.1640	25.5300
.461	.8305	.8293	.8752	.6289	27	2	24.8980	26.8190
.486	1.1657	.8248	.8776	.6987	20	1	26.3900	27.9140
.558	1.1161	.8423	.8822	.7959	20	2	26.8480	26.6210
.604	1.4498	.4528	.1682	.0196	355	3	8.7723	1.0430
.614	1.3498	.5305	.2289	.0494	381	3	12.2210	1.7287
.625	1.2498	.6341	.2858	.0453	411	3	17.1760	2.8696
.639	1.1498	.7391	.3994	.0617	447	3	22.9000	5.1578
.652	1.4337	.8377	.8743	.8365	16	1	28.4400	26.5530
.741	1.7793	.8551	.8725	.8510	13	2	29.7710	28.1810
.816	1.4693	.8088	.8620	.7013	16	2	30.4420	29.3020
.922	2.2128	.8933	.8913	.4605	232	2	39.6870	26.3230
.930	1.8602	.7619	.8331	.8036	12	2	32.3540	31.9200
.974	2.1438	.6581	.7301	1.5181	240	3	13.2220	10.6300
1.035	2.2770	.7110	.8154	.7147	11	2	31.1210	33.7640
1.041	2.0830	.6821	.7349	1.5085	247	3	18.0490	14.1890
1.130	2.0343	.7048	.7486	1.4148	252	3	22.7270	17.9650
1.132	2.7157	.6917	.8156	.8428	9	2	31.9820	34.3760
1.407	3.3775	.7223	.7708	1.5121	153	3	28.4900	22.3320
1.444	2.5996	.6822	.8372	.7552	9	2	33.0130	36.8300
1.548	3.4048	.8771	.8798	.8609	151	2	54.8530	38.5670
1.550	3.1004	.6863	.8906	.9005	8	2	33.8020	37.7570
1.644	3.6165	.7031	.8656	.8255	6	2	34.2370	38.0730
1.727	4.1451	.7039	.8786	.7526	6	2	35.5890	37.5510
1.736	3.4716	.8743	.8801	1.0064	148	2	57.7050	40.1570
1.999	3.5991	.8780	.8830	1.1946	144	2	60.5100	42.8690
2.148	5.1549	.8832	.8804	1.2818	100	2	62.9120	43.6100
2.458	5.4077	.8666	.8711	1.3886	96	2	63.4890	44.3870
2.555	4.5992	.6879	.8871	.7022	5	2	34.8910	39.7100
2.584	5.1674	.6879	.8871	.7022	5	2	35.2810	40.1530
2.611	5.7438	.6879	.8871	.7022	5	2	35.6520	40.5750
2.636	6.3267	.6735	.8848	.6901	9	2	33.9710	39.3660
2.893	5.7860	.8472	.8586	1.5616	90	2	65.5730	45.0940
3.278	7.8684	.8208	.8475	1.8099	66	3	61.5360	44.6090
3.538	6.3678	.7848	.8361	1.9635	81	2	63.1340	47.0160

Station 23

3.904	8.5889	.7586	.8146	2.1247	60	2	65.0516	48.8045	
4.147	9.1224	.6110	.8991	.7231	4	2	49.2540	53.3560	
4.306	8.6125	.6110	.8991	.7231	4	2	41.8020	55.4080	
4.521	8.1374	.6110	.8991	.7231	4	2	43.8850	58.1690	
4.822	9.6432	.6856	.7802	3.4611	54	3	52.9140	48.3790	
5.004	12.0093	.6755	.7708	3.4046	44	3	52.6860	53.3640	
6.200	13.6407	.6089	.7333	3.3117	39	2	46.7865	45.8320	
6.259	11.2658	.6089	.7261	3.1386	46	3	43.1180	42.0430	
6.660	3.3298	.6078	.8964	.7153	6	2	64.7650	85.7210	
7.638	18.3298	.5188	.6910	3.0882	28	3	36.1120	33.9330	
8.036	16.0725	.4881	.6764	2.6436	33	3	32.8630	35.4960	
9.847	21.6647	.4897	.6832	2.9406	24	3	27.1020	31.7550	
10.732	5.3662	.4046	.6641	.6091	3	3	93.8070	99.8160	
11.073	19.9318	.4689	.8081	1.7619	27	3	27.8460	46.6060	
11.483	5.7415	.4046	.6641	.6091	3	3	100.3700	166.8500	
11.657	27.9775	.4550	.8123	1.6116	20	3	31.7860	44.9550	
12.519	6.2599	.4046	.6641	.6091	3	3	109.9200	114.9300	
13.394	26.7879	.7178	.9210	1.9660	20	2	25.3490	41.1180	
15.690	34.4080	.8943	.9733	1.3845	16	3	29.1520	48.5240	
17.793	42.7022	.9367	.9830	1.0967	13	3	20.0010	69.2530	
19.591	35.2634	.9654	.9904	.8071	16	3	13.9450	63.7390	
22.323	44.6449	.9711	.9904	.7079	12	3	13.6980	67.8810	
24.840	54.6478	.9766	.9892	.5665	11	3	16.7610	67.2970	
27.157	65.1763	.9791	.9886	.5420	9	3	19.6330	67.1760	
34.461	62.3908	.9854	.9818	.5871	9	2	34.6030	62.4900	
37.205	74.4103	.9854	.9831	.4998	8	2	38.6530	63.7240	
39.452	86.7980	.9869	.9877	.3712	6	2	46.3900	62.1760	
41.451	99.4827	.9869	.9909	.3812	6	3	54.3580	35.7520	
61.323	110.3824	.9874	.9922	.5168	5	3	113.7000	32.5910	
62.008	124.0154	.9874	.9922	.5168	5	3	114.9600	32.9550	
62.661	137.8512	.9874	.9922	.5168	5	3	116.1700	33.3010	
63.267	151.8395	.9884	.9927	.3962	4	3	112.1000	31.7640	
99.522	218.9381	.9854	.9858	.6656	4	3	86.2960	46.5420	
103.346	206.6927	.9854	.9858	.6656	4	3	89.6160	92.1110	
108.495	195.2934	.9854	.9858	.6656	4	3	94.0810	94.2160	
154.831	79.9169	.9085	.9308	.8678	6	3	171.9200	75.6410	
257.573	128.7880	.7986	.7733	3.4157	3	2	1811.4000	2367.5000	
275.568	137.7942	.7986	.7733	3.4157	3	2	1938.3000	2533.1500	
300.454	150.2246	.7986	.7733	3.4157	3	2	2113.2000	2761.6500	

Station 23, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0604	.2377	2	120	17.8770	17.6490	631.0900	1.6068	1.5681
.026	.0562	.2535	2	120	21.1840	20.3000	860.8500	2.2945	2.1068
.026	.0521	.2393	2	120	25.4070	24.3900	1240.4000	3.3615	3.0977
.027	.0479	.2636	2	120	33.2750	31.1780	2079.3000	5.8940	5.1744
.038	.0922	.1168	2	120	42.2050	33.1680	2881.4000	13.8860	8.4525
.041	.089	.1691	1	120	41.3440	34.4290	2899.7000	13.8800	9.6252
.043	.0868	.2150	1	120	39.5690	33.7810	2706.8000	13.5890	9.9039
.047	.0848	.2843	1	120	36.3020	32.2250	2356.3000	12.9110	9.7603
.059	.1407	.3746	1	120	31.8380	30.5460	1946.7000	11.8870	10.9920
.064	.1419	.4503	1	120	28.9520	28.3590	1642.4000	10.8100	10.3720
.072	.1447	.5458	1	120	27.1500	26.9890	1465.5000	10.6630	10.5360
.201	.4018	.4967	2	125	17.4410	19.2540	674.9100	12.2230	14.8940
.208	.5004	.5069	2	125	17.1230	19.1500	659.9400	12.2270	15.2920
.258	.5684	.4810	2	125	15.7740	17.1430	542.7100	12.8560	15.1650
.261	.4699	.4607	2	125	15.5320	17.1450	535.1800	12.5820	15.3310
.318	.7638	.5602	2	125	14.0840	16.2030	460.9100	12.6250	16.7150
.335	.6697	.5095	2	120	14.0300	16.4860	468.6300	13.1830	18.2010
.410	.9027	.4918	2	120	12.9690	15.8900	420.6900	13.8020	20.7210
.604	1.4498	.0196	3	125	3.8023	.9871	14.6950	1.7467	.0287
.614	1.3498	.0494	3	125	5.2152	.8611	27.9400	3.3375	.0910
.625	1.2498	.0453	3	125	7.3889	1.3756	56.4880	6.8234	.2365
.639	1.1498	.0617	3	125	9.8016	2.5549	102.6000	12.2740	.8339
.922	2.2128	.4605	2	125	13.3520	10.5530	289.6500	32.8750	20.5360
24.840	54.6478	.5665	3	120	2.2336	3.2903	15.8150	29.7850	53.7840
27.157	65.1763	.5420	3	120	2.1509	3.1383	14.4750	25.1270	53.4940
34.461	62.3908	.5871	2	115	2.0056	2.3751	9.6633	27.8840	39.1040
37.205	74.4103	.4998	2	115	1.9729	2.3305	9.3238	28.9640	40.4140
39.452	86.7980	.3712	3	115	1.9339	2.1942	8.5584	29.5080	37.9890
41.451	99.4827	.3812	3	115	1.7318	2.0642	7.2601	29.8630	35.3240
61.323	110.3826	.5168	3	115	1.2610	1.8291	4.9357	19.5040	41.0320
62.008	124.0156	.5168	3	115	1.2610	1.8291	4.9357	19.7210	41.4696
62.661	137.8512	.5168	3	115	1.2610	1.8291	4.9357	19.9290	41.9256
63.267	151.8395	.3962	3	115	1.1796	1.7966	4.6192	17.6560	40.8430

Station 23, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0609	.8319	.9063	.7591	355	1	6.6618	6.5816
.026	.0562	.8447	.9200	.7122	381	1	7.6750	8.1556
.026	.0521	.8702	.9192	.7311	411	1	10.6320	12.1700
.027	.0479	.8906	.9163	.6799	447	1	17.2670	20.1760
.038	.0922	.7780	.8445	.8973	232	2	28.6770	33.8070
.041	.0893	.8266	.8758	1.0703	240	1	32.2020	33.0210
.043	.0868	.8423	.8857	1.1513	247	1	31.8350	32.3500
.047	.0898	.8457	.8899	1.2548	252	1	29.2440	30.6750
.059	.1907	.9161	.9332	1.4618	153	1	26.6870	27.4160
.064	.1919	.9331	.9497	1.5681	151	1	23.6680	24.0720
.072	.1997	.9358	.9539	1.6761	148	1	22.7330	23.9840
.083	.1500	.9186	.9377	1.8201	144	1	20.8840	23.2300
.089	.2148	.9139	.9349	1.9588	100	1	21.1150	22.7560
.102	.2253	.9234	.9387	2.3613	96	1	17.9350	21.2380
.121	.2911	.9398	.9497	2.6289	90	1	18.7060	20.4550
.137	.3278	.9671	.9671	2.9053	66	2	20.3050	22.3160
.147	.2653	.9643	.9662	3.0692	81	2	21.1220	24.2510
.163	.3579	.9589	.9689	3.9080	60	1	22.6950	27.2870
.201	.4018	.9350	.9677	6.3673	54	2	20.9670	36.5090
.208	.5004	.9263	.9693	7.6674	44	2	20.6890	40.0090
.258	.5684	.8311	.8757	4.3849	39	3	16.9850	44.6530
.261	.4699	.8398	.8792	4.5799	46	2	17.6080	46.9520
.318	.7638	.8088	.8160	4.6760	28	3	20.4050	59.2640
.335	.6697	.8121	.8199	4.3835	33	3	24.5720	74.9870
.410	.9027	.8608	.8642	8.0806	24	2	42.8210	138.7900
.461	.8305	.8892	.8966	5.2589	27	2	57.2380	167.7200
.486	1.1657	.9005	.9095	4.2924	20	2	66.3790	187.5500
.558	1.1161	.9075	.9149	7.2513	20	2	87.3380	227.5600
.609	1.4490	.6395	.6256	1.0254	178	2	92.2010	65.6240
.613	1.3491	.7145	.6739	1.2410	191	2	114.2400	89.4130
.625	1.2492	.7532	.7588	1.2619	206	2	145.2500	111.2000
.638	1.1492	.7474	.8037	1.2542	224	2	146.2300	129.2000
.652	1.4337	.8841	.8946	6.4861	16	1	111.4700	258.6600
.741	1.7793	.8794	.8780	5.4893	13	1	149.1400	351.2200
.816	1.4693	.8585	.8634	3.4622	16	1	172.3000	404.6800
.922	2.2117	.7733	.8199	1.4977	117	2	187.4400	251.7600
.930	1.8602	.8485	.8627	2.4918	12	2	203.4100	451.1200
.974	2.1427	.7427	.7218	1.4962	121	2	175.0500	183.9600
1.035	2.2770	.8463	.8713	2.2140	11	2	240.2400	472.1400
1.041	2.0819	.7446	.7517	1.4355	124	2	201.8900	209.6000
1.130	2.0333	.8114	.8242	1.7506	127	2	270.7700	305.2500
1.132	2.7157	.8486	.8730	2.1325	9	2	266.8800	505.8900
1.407	3.3758	.9227	.9250	2.1740	77	3	480.3500	604.7900
1.444	2.5996	.8040	.8607	1.4664	9	2	303.2500	553.4300
1.547	3.4031	.9298	.9340	1.9836	76	3	520.4800	679.1800
1.550	3.1004	.8155	.8692	1.6643	8	2	318.2900	545.3600
1.644	3.6165	.8210	.8729	1.7178	6	2	337.1100	632.6200
1.727	4.1451	.8194	.8548	1.3036	6	2	347.1600	644.5400
1.735	3.4699	.9103	.9238	1.9181	75	3	528.5400	741.8400
1.999	3.5974	.8862	.9057	1.8882	72	3	557.1300	805.5400
2.147	5.1525	.7596	.7971	1.5993	50	2	343.3300	537.4100
2.457	5.4048	.6097	.6487	.9362	48	2	218.7300	416.3000
2.555	4.5992	.7279	.7031	2.3181	5	3	363.0600	539.1300
2.589	5.1674	.7279	.7031	2.3181	5	3	367.1100	545.1400
2.611	5.7938	.7279	.7031	2.3181	5	3	370.9600	550.8700
2.636	6.3267	.7458	.6805	6.2859	4	3	344.8400	478.9100
2.892	5.7839	.5971	.6101	1.1888	45	3	215.7400	435.7900
3.277	7.8641	.5686	.5690	1.0204	34	3	194.6300	404.2100
3.536	6.3696	.5961	.5909	1.0200	41	3	194.3900	410.3400

Station 24

3.902	8.5894	.6043	.6081	1.0556	31	2	208.9500	403.6300
4.147	9.1224	.8854	.8653	1.3941	4	3	609.9100	601.8100
4.306	8.6125	.8854	.8653	1.3941	4	3	633.3700	624.9600
4.521	8.1374	.8854	.8653	1.3941	4	3	664.9300	656.1000
4.819	9.6386	.5629	.5713	1.0765	28	3	203.1300	319.8900
5.002	12.0034	.5696	.5669	1.1482	22	3	206.2800	307.8700
6.197	13.6340	.5015	.5345	2.0751	20	3	169.8000	253.4600
6.256	11.2604	.5145	.5448	1.7668	24	3	184.4100	260.3000
6.660	3.3298	.8829	.8619	1.4179	6	3	966.1700	960.1200
7.639	18.3211	.5469	.5898	2.4706	15	3	174.9400	259.3400
8.032	16.0695	.5229	.5163	3.1855	17	3	155.8100	207.7200
9.843	21.6539	.4961	.5370	4.4730	12	3	184.5100	210.0000
10.732	5.3662	.8778	.8046	.9580	3	3	654.6100	894.2400
11.068	19.9219	.8834	.7754	1.7983	14	2	275.9800	348.9500
11.483	5.7415	.8778	.8046	.9580	3	3	700.3900	956.7800
11.651	27.9634	.8858	.8251	2.9378	10	3	313.1300	408.9500
12.519	6.2594	.8778	.8046	.9580	3	3	763.5700	1043.1000
13.387	26.7745	.9133	.8516	2.3915	10	3	347.4400	475.6500
15.633	34.3914	.9530	.9192	3.2894	9	2	365.7000	719.5400
17.784	42.6821	.9662	.9407	3.6865	7	2	355.0900	919.4000
19.581	35.2473	.9545	.9296	1.9115	8	1	305.0500	342.7100
22.312	44.6229	.9462	.9247	1.9916	7	1	311.8600	335.5500
24.828	54.6209	.9392	.9138	1.3619	6	1	249.0000	276.7200
27.199	65.1466	.9442	.9131	1.1899	5	1	230.6300	238.8800
34.644	62.3597	.9577	.9546	.5117	5	3	130.6600	228.7400
37.186	74.3716	.9688	.9570	.4948	4	3	134.4700	262.1500
39.932	86.7528	.9778	.9691	.4533	3	3	132.7700	268.6200
41.430	99.4332	.9659	.9376	.3543	4	2	134.5900	269.5300
61.293	110.3290	.9859	.9346	.4192	3	2	162.5700	169.7800
99.167	49.5810	.9686	.8852	.2934	5	2	272.4600	270.1800
102.062	51.0308	.9684	.8852	.2934	5	2	280.4200	278.0800
104.665	52.3314	.9710	.8203	.1317	4	3	282.8800	198.7700
169.736	84.8680	.9799	.8222	.1391	3	3	442.5600	251.7200

Station 24, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
34.699	62.3597	.5117	3	235	4.0258	4.4450	35.9650	112.3000	136 9000
37.186	74.3716	.4998	3	235	3.8183	4.4159	34.0800	108.4300	145 0100
39.432	86.7528	.4533	3	235	3.6176	4.1760	30.5270	103 2100	137 5400
41.430	99.4332	.3593	2	225	3.8679	3.4808	27.0770	123.9700	100 3900
61.293	110.3290	.4192	2	225	4.0395	3.0636	25.7040	200.0400	115 0600
99.167	49.5810	.2939	2	225	4.0606	3.0367	25.7100	327.0100	182.4900
102.062	51.0308	.2939	2	225	4.0606	3.0367	25.7100	336.5700	188 2300
104.665	52.3319	.1317	3	225	4.1691	2.6777	24.5510	363.8400	150 0900
169.736	84.8680	.1391	3	230	4.3649	3.0748	28.5079	646.7800	329.9600

Station 24, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARENT RX	APPARENT RY
.025	.0603	.8329	.8730	.3634	90	1	2.7269	.8968
.026	.0562	.8674	.8940	.3911	96	1	3.6811	1.4222
.026	.0520	.9065	.9154	.4649	104	1	5.1463	2.1069
.027	.0478	.9257	.9336	.3118	113	1	7.7214	3.1370
.038	.0921	.8802	.8530	.4242	59	1	20.3370	5.3677
.041	.0892	.8774	.8703	.4050	61	1	19.6820	5.4648
.043	.0867	.8661	.8699	.3797	62	1	17.0030	5.0515
.047	.0846	.8676	.8818	.4191	64	1	15.5940	4.6266
.059	.1405	.9336	.9343	.5617	39	1	13.9310	4.0771
.064	.1417	.9412	.9444	.5269	39	1	12.2080	3.4050
.072	.1494	.9429	.9457	.5646	38	1	11.9660	3.1143
.083	.1497	.9453	.9420	.5508	36	1	11.1960	2.8862
.089	.2145	.9521	.9495	.5974	25	1	...8260	2.8283
.102	.2250	.9423	.8856	.3996	24	1	10.3640	2.5466
.120	.2407	.9526	.7611	.2825	23	2	10.5410	1.9185
.136	.3274	.9512	.7374	.1986	18	2	10.5030	1.7252
.147	.2649	.9177	.7423	.1757	21	2	10.8150	1.8212
.162	.3573	.9141	.7476	.2144	16	2	10.9160	1.9884
.201	.4012	.8962	.8427	.3704	15	2	11.7800	2.6184
.208	.4997	.8760	.8245	.2999	11	2	12.3750	2.5305
.258	.5675	.8713	.8326	.9160	11	1	9.6236	2.6213
.260	.4687	.8561	.8507	1.0697	13	1	9.2574	2.8503
.318	.6626	.8331	.8443	1.6241	8	1	7.6669	2.9219
.334	.6687	.8570	.8070	1.4406	9	1	7.1981	3.0123
.410	.9014	.8835	.7610	1.7792	6	2	6.3888	3.9679
.461	.8293	.9234	.6671	.8768	7	2	8.1910	3.9026
.485	1.1640	.9367	.6338	.7304	6	2	8.8131	3.8488
.557	1.1145	.9469	.5581	.4682	5	3	10.3770	4.3366
.603	1.4476	.1575	.1163	1.9627	90	3	.2033	.1903
.613	1.3478	.2412	.1017	1.7538	96	3	.3684	.3245
.624	1.2480	.2936	.1793	1.4250	104	3	.6813	.4542
.638	1.1481	.3824	.1801	1.0967	113	3	.9617	.7266
.651	1.4316	.9373	.5124	.4909	5	3	10.3370	4.8814
.740	1.7766	.9295	.4862	.4708	4	3	9.3530	4.5340
.815	1.4672	.9016	.5422	.4173	5	3	10.4750	3.8859
.921	2.2096	.7236	.3235	.1279	59	3	4.5778	3.4119
.929	1.8575	.8891	.5615	.3946	4	3	10.6290	4.3090
.973	2.1406	.6406	.2270	.4230	61	3	3.2892	2.0120
1.033	2.2737	.7609	.5440	.6403	4	3	8.0958	2.7471
1.040	2.0799	.6070	.2819	.4253	62	3	3.6223	2.0097
1.128	2.0313	.5692	.2969	.1285	64	3	3.5475	1.8919
1.405	3.3725	.5234	.3371	.3644	39	3	3.8626	1.7395
1.442	2.5958	.6707	.6216	1.2374	3	2	6.5671	2.1675
1.545	3.3999	.5434	.3423	.7681	39	3	4.0430	1.8852
1.733	3.4666	.5237	.2858	.7398	38	3	4.0863	1.8304
1.870	.9351	.4670	.5766	1.0582	5	3	7.4439	3.2873
1.997	3.5938	.4895	.2323	.6681	36	3	4.2582	1.9082
2.145	5.1475	.4671	.2021	.6326	25	3	3.9824	1.9686
2.454	5.3996	.4265	.2439	.3870	24	3	3.3582	1.5499
2.477	1.2383	.6355	.6006	1.9962	4	2	8.4732	3.8204
2.675	1.3375	.6909	.5875	2.1729	3	2	5.4103	3.4895
2.889	5.7777	.3561	.2108	.6535	23	3	2.6906	1.2118
3.274	7.8567	.3386	.1902	.5801	18	3	2.7615	.9117
3.532	6.3585	.3728	.1871	.7291	21	3	2.4476	1.0646
3.898	8.5763	.4462	.2038	.7928	16	3	2.7351	1.0223
3.993	1.9968	.7259	.6501	2.7652	2	2	7.1941	5.6246
4.615	9.6293	.3696	.1954	1.0788	15	3	2.0810	1.4032
4.997	11.9917	.3906	.2225	1.1268	11	3	2.6626	1.5764
6.191	13.6206	.3077	.2575	2.1711	11	3	1.4163	1.4138

Station 25

6.250	11.2499	.2790	.2537	2.1941	13	3	1.9200	1.7223
7.626	18.3030	.2953	.1612	2.5040	8	3	1.1791	1.6155
8.024	16.0488	.3253	.3128	2.0463	9	3	1.1823	2.2207
9.833	21.6328	.3113	.3626	1.6903	6	3	1.3296	3.0408
11.057	19.9025	.9509	.8110	.6620	7	3	1.2919	2.4124
11.640	27.9361	.9716	.8187	.6510	6	3	1.2951	2.5350
13.375	24.7980	.8158	.9412	.5832	5	2	2.7747	4.0828
15.617	34.3584	.7930	.9266	.2977	5	2	4.0680	4.2514
17.766	42.6903	.8052	.8115	.1361	4	1	7.2186	5.0005
19.563	35.2125	.8798	.8394	.1837	5	2	11.8950	6.3435
22.290	44.5792	.8936	.8380	.2163	4	2	13.9700	7.6132
24.809	54.5673	.8936	.8514	.2879	4	2	20.9730	6.9622
34.610	62.2975	.7184	.8574	.5765	3	2	12.5470	5.3537
44.883	22.4417	.5896	.7123	.2558	5	3	15.4720	7.3934
59.439	29.7203	.5799	.7269	.2607	4	3	20.1280	9.3103
69.197	32.0996	.5235	.7237	.2293	3	3	18.8280	8.9566
95.841	47.9226	.4369	.7151	.2547	2	3	15.7480	9.2221

Station 25, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0603	.3639	1	25	18.7370	10.8250	468.2700	1.7647	.5891
.026	.0562	.3911	1	25	21.9240	13.6570	667.1800	2.4539	.9523
.026	.0520	.4649	1	25	26.7180	16.3780	982.0900	3.7119	1.3946
.027	.0478	.3118	1	25	33.5730	20.8630	1562.4000	5.9911	2.3135
.038	.0921	.4242	1	25	43.6210	21.0540	2346.1000	14.5980	3.4008
.041	.0892	.4050	1	20	41.7180	20.3320	2153.8000	14.1120	3.3519
.043	.0867	.3797	1	20	37.0760	18.9280	1732.9000	11.9130	3.1050
.047	.0896	.4191	1	20	33.7520	17.5120	1495.9000	10.7130	2.8841
.059	.1405	.5617	1	25	30.6230	15.8280	1188.3000	10.9810	2.9337
.064	.1417	.5269	1	25	27.6150	13.9330	956.7300	9.8209	2.4999
.072	.1499	.5646	1	25	25.6850	12.5170	816.3900	9.5288	2.2631
.083	.1997	.5508	1	20	23.3140	11.1600	668.0800	9.0434	2.0721
.089	.2145	.5974	1	25	22.0110	10.6370	597.6200	8.6591	2.0223
.102	.2250	.3996	1	20	20.4920	8.8437	498.1300	8.5882	1.5997
.120	.2907	.2825	2	20	19.5190	5.8211	414.8900	9.1721	.8157
.136	.3274	.1986	2	20	18.4710	5.0350	366.5400	9.3075	.6916
.147	.2699	.1757	2	20	17.4740	5.0257	330.5900	8.9879	.7435
.162	.3573	.2144	2	20	17.3100	4.9396	323.9800	9.7333	.7910
.201	.4012	.3704	2	20	14.7310	6.0826	253.9900	8.7061	1.4844
.208	.4997	.2999	2	20	14.6540	5.7968	248.3300	8.9408	1.3992
.557	1.1145	.4682	3	25	8.6165	3.4408	86.0840	8.2746	1.3195
.651	1.4316	.4909	3	25	7.9516	2.8651	71.4370	8.2287	1.0684
.740	1.7766	.4708	3	25	7.3286	2.5997	60.4670	7.9517	1.0006
.815	1.4672	.4173	3	20	7.1966	2.5353	58.2180	8.4430	1.0478
.921	2.2096	.1279	3	20	3.5822	1.3897	14.7630	2.3628	.3556
.929	1.8575	.3996	3	20	6.7954	2.6998	53.4660	8.5775	1.3539
.973	2.1406	.4230	3	30	2.6647	.7399	7.6484	1.3818	.1065
1.040	2.0799	.4253	3	25	2.4818	.8759	6.9266	1.2811	.1596
1.125	2.0313	.1285	3	25	2.2476	.8839	5.8331	1.1402	.1763
1.405	3.3725	.3644	3	25	1.9595	.8802	4.6146	1.0791	.2177
2.454	5.3996	.3870	3	30	1.1633	.3983	1.5119	.6643	.0779
3.274	7.8567	.5801	3	20	.7053	.2004	.5375	.3256	.0263
13.374	26.7480	.5832	2	25	.5780	1.1448	1.6446	.8935	3.5054
15.617	34.3584	.2977	2	15	.9123	1.0405	1.9150	2.5998	3.3818
17.766	42.6403	.1361	1	10	1.1521	.8459	2.0428	4.7164	2.5423
19.563	35.2125	.1837	2	10	1.5610	.9138	3.2716	9.5331	3.2670
22.290	44.5792	.2163	2	5	1.6238	.9135	3.4711	11.7540	3.7201
29.804	54.5673	.2879	2	15	1.8555	.6830	3.9093	17.0790	2.3142
34.610	62.2975	.5765	2	5	1.0592	.4105	1.2904	7.7657	1.1666
44.883	22.4417	.2558	3	10	.8274	.4836	.9185	6.1457	2.0993
59.439	29.7203	.2607	3	10	.8038	.4824	.8787	7.6801	2.7660
64.197	32.0996	.2243	3	15	.6393	.4466	.6082	5.2483	2.5607
95.841	47.9226	.2547	3	10	.4282	.3730	.3225	3.5143	2.6677

Station 25, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.8813	.9153	.3583	355	1	.3606	.5556
.026	.0562	.9032	.9475	.3274	381	2	.5296	1.1945
.026	.0521	.8999	.9351	.3449	411	2	.6481	1.2421
.027	.0479	.9002	.9190	.3663	447	1	1.0488	1.7173
.038	.0922	.8008	.8458	.3225	232	1	2.9773	3.5012
.041	.0893	.8534	.8904	.3376	240	1	2.6724	3.0749
.043	.0868	.8682	.9017	.3228	247	1	2.4748	2.7440
.047	.0898	.8650	.9027	.3165	252	1	2.3024	2.4777
.059	.1407	.9174	.9475	.3149	153	1	2.0120	2.0304
.064	.1419	.9279	.9562	.3136	151	1	1.7260	1.7694
.072	.1447	.9334	.9600	.3044	148	1	1.6280	1.6996
.083	.1500	.9360	.9611	.2958	144	1	1.6355	1.7121
.089	.2148	.9395	.9615	.2966	100	1	1.6155	1.6928
.102	.2253	.9260	.9484	.2829	96	1	1.5343	1.5576
.121	.2911	.9227	.9413	.2844	90	1	1.5853	1.6898
.137	.3278	.9215	.9399	.2864	66	1	1.7196	1.8454
.147	.2653	.9160	.9352	.2877	81	1	1.8080	2.0089
.163	.3579	.9106	.9296	.2937	60	1	1.8605	2.2926
.201	.4018	.8719	.8955	.2920	54	1	2.1679	2.8541
.208	.5004	.8681	.8890	.2945	44	1	2.2784	2.9306
.258	.5684	.8046	.8129	.2937	39	1	3.0359	4.2540
.261	.4694	.7797	.8108	.3088	46	2	3.0754	4.5952
.318	.7638	.6985	.7362	.3216	28	2	4.4872	7.3752
.335	.6697	.6432	.6273	.2743	33	2	5.3876	9.6136
.410	.9027	.4403	.4896	.3331	24	3	16.0430	21.0720
.461	.8305	.3720	.4652	.3551	27	3	23.7730	27.9530
.486	1.1657	.3669	.4519	.3382	20	3	27.5310	32.8670
.558	1.1161	.3293	.4410	.3334	20	3	31.8380	39.0090
.604	1.4490	.1531	.1491	.4889	178	3	1.7516	3.1508
.613	1.3491	.1802	.1609	.3707	191	3	2.7884	5.1752
.625	1.2492	.2450	.1719	.4109	206	3	4.0792	9.3245
.638	1.1492	.3947	.2386	.3680	224	3	7.2206	17.6140
.652	1.4337	.3337	.3550	.2757	16	3	31.3570	49.0660
.741	1.7793	.4129	.3125	.3243	13	3	25.3490	54.7350
.816	1.4693	.4188	.3432	.2992	16	3	17.8620	45.5980
.922	2.2117	.4677	.5196	.4054	117	3	16.4440	28.0680
.930	1.6602	.5181	.3294	.3353	12	3	14.4830	45.6570
.974	2.1427	.5185	.4920	.4083	121	3	10.1490	15.1690
1.035	2.2770	.5458	.3772	.3204	11	3	11.1910	35.1350
1.041	2.0819	.5128	.5463	.3905	124	3	11.2160	16.7500
1.130	2.0333	.5393	.5656	.3513	127	3	12.2360	16.6910
1.132	2.7157	.5477	.4984	.2706	9	3	10.6590	22.9540
1.407	3.3758	.5485	.5961	.3447	77	3	12.3930	17.3820
1.444	2.5996	.4974	.5891	.2957	9	3	10.0900	13.5930
1.547	3.4031	.5224	.6161	.3476	76	3	13.5330	19.3240
1.550	3.1004	.5068	.5837	.2974	8	3	11.0500	13.4830
1.644	3.6165	.4742	.6198	.3062	6	3	10.9480	12.4870
1.727	4.1451	.4655	.5973	.3395	6	3	9.8802	12.4660
1.735	3.4699	.4977	.5871	.3224	75	3	12.6130	18.1440
1.999	3.5974	.4555	.5737	.3366	72	3	11.3290	17.2560
2.147	5.1525	.4376	.5828	.3352	50	3	11.4520	16.4270
2.457	5.4048	.4217	.5558	.3605	48	3	11.5700	17.3860
2.555	4.5992	.2998	.5392	.3403	5	3	13.1340	17.1440
2.564	5.1674	.2998	.5392	.3403	5	3	13.2400	17.3220
2.611	5.7438	.2998	.5392	.3403	5	3	13.4200	17.4510
2.636	6.3267	.3015	.4800	.2812	4	3	13.6140	17.3930
2.892	5.7834	.3963	.4998	.4017	45	3	13.1440	15.6320
3.277	7.8641	.4215	.4605	.5055	34	3	13.4340	23.5300
3.534	6.3646	.4026	.4449	.4202	41	3	14.4100	19.7050

Station 26

3.902	8.5849	.3795	.4401	.3989	31	3	15.2560	20.5130
4.147	9.1224	.2503	.3419	.3846	4	3	31.9350	18.5590
4.306	8.6125	.2503	.3419	.3846	4	3	33.1630	19.2730
4.521	8.1374	.2503	.3419	.3846	4	3	34.8160	20.2330
4.819	9.6386	.3393	.3427	.3056	28	3	10.2350	19.1050
5.002	12.0034	.3258	.3264	.2843	22	3	10.0530	17.9720
6.197	13.6340	.2874	.3168	.7826	20	3	9.2452	18.3410
6.256	11.2604	.3158	.3251	.5663	24	3	9.6893	19.2820
6.660	3.3298	.2456	.3453	.3973	6	3	50.7610	29.8340
7.634	18.3211	.3145	.3399	.5961	15	3	10.8060	19.7460
8.032	16.0645	.2554	.2950	.6276	17	3	12.4280	20.5000
9.843	21.6539	.3451	.2804	.7580	12	3	20.2420	21.9910
10.732	5.3662	.3707	.3896	.3940	3	3	56.8740	61.5800
11.068	19.9219	.6579	.5987	.7612	14	3	43.3660	13.5190
11.483	5.7415	.3707	.3846	.3940	3	3	60.8520	65.8870
11.651	27.9634	.6083	.4948	.9664	10	3	53.3980	16.3810
12.519	6.2594	.3707	.3846	.3940	3	3	66.3410	71.8350
13.387	26.7745	.8835	.8432	.7722	10	3	82.1160	13.3360
15.633	34.3914	.9290	.9374	.8316	9	3	109.8100	13.0290
17.784	42.6821	.9614	.9714	.7475	7	3	172.0300	12.4650
19.581	35.2473	.9428	.9419	.6252	8	3	147.0900	13.6470
22.312	44.6229	.9349	.9440	.6171	7	3	159.2700	13.3610
24.828	54.6209	.9379	.9469	.6601	6	3	174.2900	13.4960
27.149	65.1466	.9406	.9472	.6682	5	3	188.4900	14.4880
34.644	62.3597	.9607	.9533	.9544	5	3	79.9440	12.5080
37.186	74.3716	.9659	.9586	.9601	4	3	84.1410	13.2290
39.432	86.7528	.9702	.9617	.9467	3	3	82.3120	13.3720
41.430	99.4332	.9676	.9453	.9570	4	3	55.6230	8.7850
61.293	110.3290	.9844	.9536	.5939	3	3	63.3930	6.6377
99.167	49.5810	.9535	.9057	.4743	5	3	108.4100	11.6210
102.062	51.0308	.9535	.9057	.4743	5	3	111.5800	11.9610
104.665	52.3314	.9547	.9068	.3459	4	3	107.8800	11.0460
169.736	84.8680	.9450	.8960	.3167	3	3	182.7800	17.7080

Station 26, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0609	.3583	1	190	6.4006	8.4090	111.6800	.2062	.3559
.026	.0562	.3274	2	195	7.0865	13.3960	229.6600	.2568	.9175
.026	.0521	.3449	2	195	8.0378	13.3150	241.9000	.3364	.9233
.027	.0479	.3663	1	195	10.6330	15.2210	344.7200	.6018	1.2332
.038	.0922	.3225	1	180	15.7210	14.9310	470.1100	1.8990	1.7130
.041	.0893	.3376	1	170	16.8180	12.3400	435.1300	2.2968	1.2365
.043	.0868	.3228	1	155	17.4570	9.3689	392.5300	2.6451	.7617
.047	.0848	.3165	1	235	7.8002	16.6800	339.0500	.5730	2.6202
.059	.1407	.3199	1	140	15.0210	6.5194	268.1300	2.6459	.4984
.064	.1419	.3136	1	135	13.5420	6.0078	219.5100	2.3655	.4655
.072	.1447	.3044	1	135	12.6080	5.5962	190.2800	2.2994	.4530
.083	.1500	.2958	1	220	5.4875	11.8790	171.2100	.5018	2.3511
.089	.2148	.2966	1	135	11.4230	5.3112	158.6900	2.3355	.5049
.102	.2253	.2829	1	130	10.0450	5.3527	129.5600	2.0670	.5869
.121	.2411	.2849	1	130	9.1746	5.2921	112.1800	2.0293	.6752
.137	.3278	.2864	1	125	8.7740	5.2915	104.9800	2.1032	.7649
.147	.2653	.2877	1	215	5.2532	8.6935	102.3100	.8135	2.2024
.163	.3579	.2937	1	125	8.4033	5.1601	97.2430	2.2973	.8662
.201	.4018	.2920	1	130	8.0071	5.0191	89.3050	2.5762	1.0122
.208	.5004	.2945	1	130	7.9317	5.0883	88.8020	2.6233	1.0796
.258	.5689	.2937	1	130	7.5641	5.1525	83.7640	2.9563	1.3717
.261	.4694	.3088	2	220	5.0964	7.5818	83.4570	1.3547	2.9981
.318	.7638	.3216	2	130	7.6051	5.2271	85.1600	3.6811	1.7390
.335	.6697	.2743	2	125	7.5320	5.1086	82.8290	3.7992	1.7477
.410	.9027	.3331	3	125	7.0169	6.0639	86.0080	4.0405	3.0176
.461	.8305	.3551	3	215	5.9329	7.2430	87.6610	3.2481	4.8409
.486	1.1657	.3382	3	125	7.3738	6.1942	92.7400	5.2819	3.7277
.558	1.1161	.3339	3	130	6.9687	5.6756	80.7750	5.4203	3.5954
.604	1.4490	.4889	3	195	.5540	.6630	.7469	.0371	.0531
.613	1.3491	.3707	3	190	.8405	.9651	1.6378	.0866	.1142
.625	1.2492	.4109	3	190	1.3447	1.3578	3.6519	.2259	.2303
.638	1.1492	.3680	3	185	2.8481	2.6444	15.1050	1.0358	.8930
.652	1.4337	.2757	3	140	6.3013	4.9256	63.9670	5.1751	3.1621
.741	1.7793	.3243	3	150	5.7157	4.6875	54.6420	4.8439	3.2580
.816	1.4693	.2992	3	225	4.4466	4.9899	44.6710	3.2280	4.0449
.922	2.2117	.4054	3	190	4.1457	5.9871	53.0320	3.1677	6.6066
.930	1.8602	.3353	3	140	4.1141	5.1314	43.2570	3.1486	4.8983
.974	2.1427	.4083	3	230	5.6797	1.8784	35.7880	6.2838	.6873
1.035	2.2770	.3204	3	130	4.2466	4.1339	35.1230	3.7331	3.5374
1.041	2.0819	.3905	3	150	2.2150	5.7095	37.5040	1.0214	6.7268
1.130	2.0333	.3513	3	155	2.6072	5.6314	38.5100	1.5357	7.1695
1.132	2.7157	.2706	3	195	3.7109	4.6941	35.8060	3.1165	4.9867
1.407	3.3758	.3447	3	155	2.4297	5.4147	35.2230	1.6608	8.2480
1.444	2.5996	.2957	3	255	4.0026	2.6033	22.7980	4.6275	1.9575
1.547	3.4031	.3476	3	265	4.9131	2.9520	32.8530	7.4679	2.6959
1.550	3.1004	.2974	3	160	2.6468	3.8532	21.8530	2.1720	4.8032
1.644	3.6165	.3082	3	165	2.4150	3.8129	20.3710	1.9175	4.7797
1.727	4.1451	.3395	3	155	1.6755	3.8076	17.3050	.9696	5.0077
1.735	3.4699	.3229	3	165	2.2230	4.5420	25.5710	1.7148	7.1584
1.999	3.5974	.3366	3	155	1.5014	4.1367	19.3660	.9010	6.4398
2.147	5.1525	.3352	3	155	1.3747	3.9587	17.5610	.8114	6.7261
2.457	5.4048	.3605	3	240	3.9025	1.0713	16.3770	7.4831	.5640
2.555	4.5992	.3403	3	255	2.7459	1.0556	8.6543	3.8531	.5655
2.584	5.1674	.3403	3	165	1.0556	2.7459	8.6543	.5758	3.6961
2.611	5.7438	.3403	3	165	1.0556	2.7459	8.6543	.5219	3.9370
2.636	6.3267	.2612	3	170	1.2459	2.4081	7.3513	.8182	3.9574
2.892	5.7834	.4017	3	150	.9284	3.5686	13.5960	.4992	7.3649
3.277	7.8641	.5055	3	145	.6471	3.4570	12.3350	.2744	7.8095
3.536	6.3646	.4202	3	140	.7042	3.2198	10.8630	.3507	7.3312

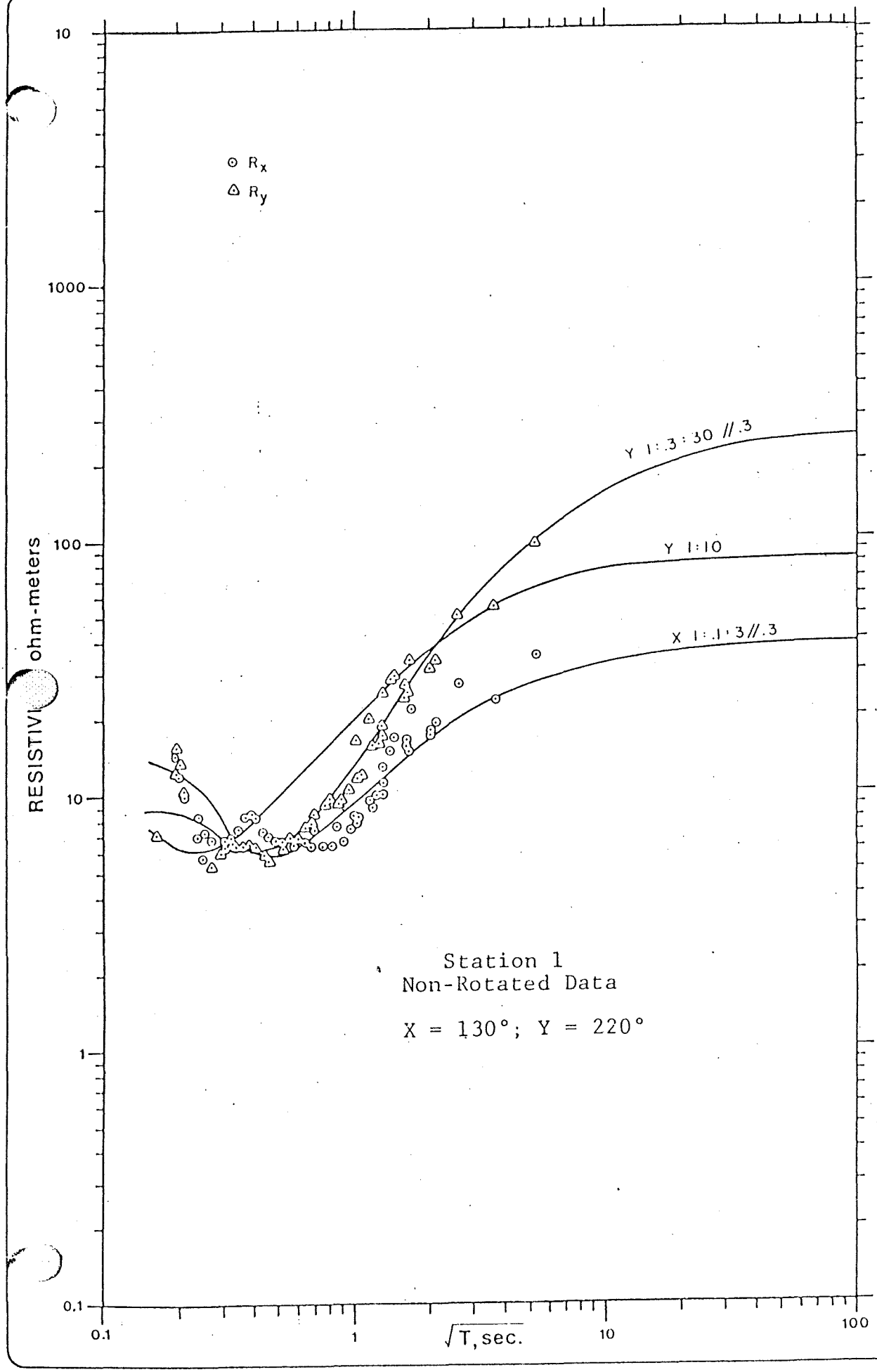
Station 26, cont'd.

3.902	8.5844	.3984	3	230	2.9597	.7387	9.3058	6.8363	[illegible]
4.147	9.1224	.3846	3	160	1.2571	1.6426	4.2785	1.3105	2.2377
4.306	8.6125	.3846	3	160	1.2571	1.6426	4.2785	1.3609	2.3237
4.521	8.1374	.3846	3	250	1.6426	1.2571	4.2785	2.4395	1.4288
4.819	9.6386	.3056	3	135	.3959	2.3035	5.4627	.1511	5.1142
5.002	12.0034	.2843	3	130	.4803	2.0458	4.4159	.2308	4.1864
6.256	11.2604	.5663	3	140	.2367	1.8307	3.4074	.0701	4.1931
6.660	3.3298	.3973	3	155	1.1752	1.6816	4.2087	1.8394	3.7462
7.634	18.3211	.5961	3	140	.1571	1.8884	3.5909	.0377	5.4447
10.732	5.3662	.3940	3	140	1.0252	3.0184	10.1620	2.2561	19.5570
11.483	5.7415	.3940	3	140	1.0252	3.0184	10.1620	2.4139	20.9240
12.519	6.2594	.3940	3	230	3.0184	1.0252	10.1620	22.8120	2.6317
61.293	110.3290	.5434	3	180	1.9687	.7271	4.4045	47.5130	6.4806
99.167	49.5810	.4743	3	100	.6533	1.7825	3.6040	8.4637	63.0140
102.062	51.0308	.4743	3	190	1.7825	.6533	3.6040	64.8550	8.7110
104.665	52.3314	.3459	3	105	.5628	1.7759	3.4707	6.6311	66.9200
169.736	84.8680	.3167	3	195	1.7625	.5540	3.4133	105.4600	10.4160

Station 26, cont'd.

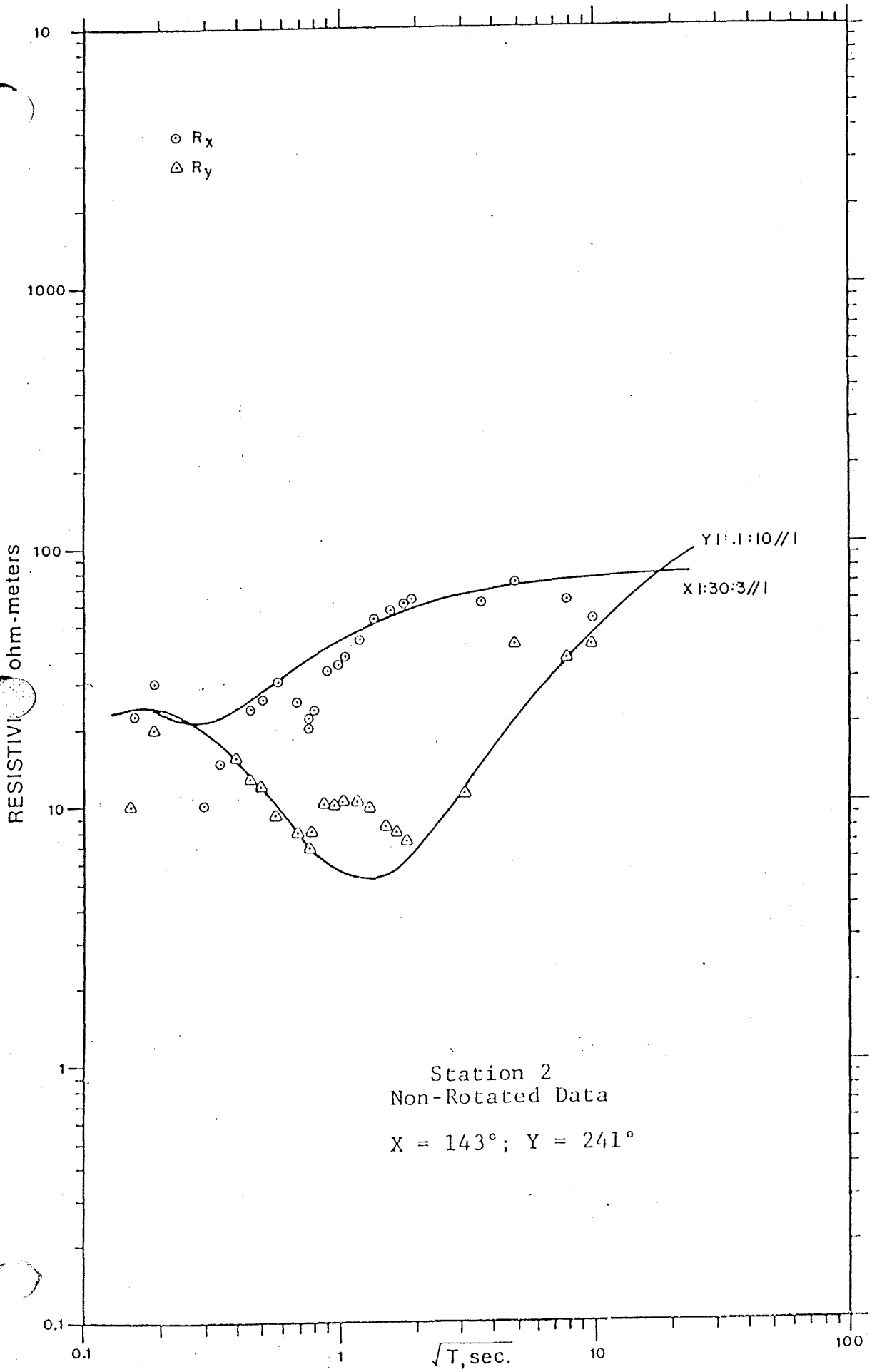
APPENDIX II

MAGNETOTELLURIC APPARENT RESISTIVITY CURVES



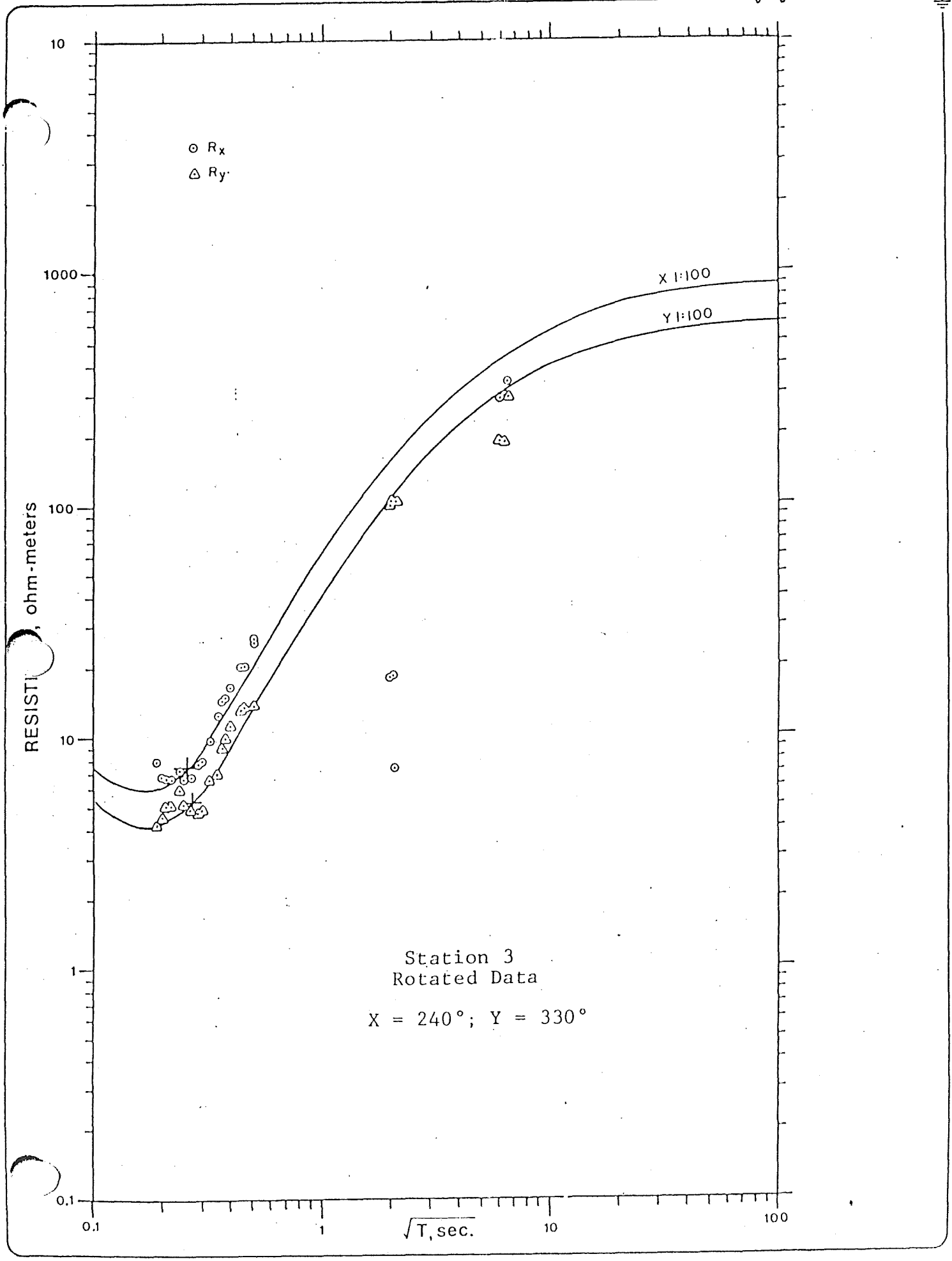
Station 1
Non-Rotated Data

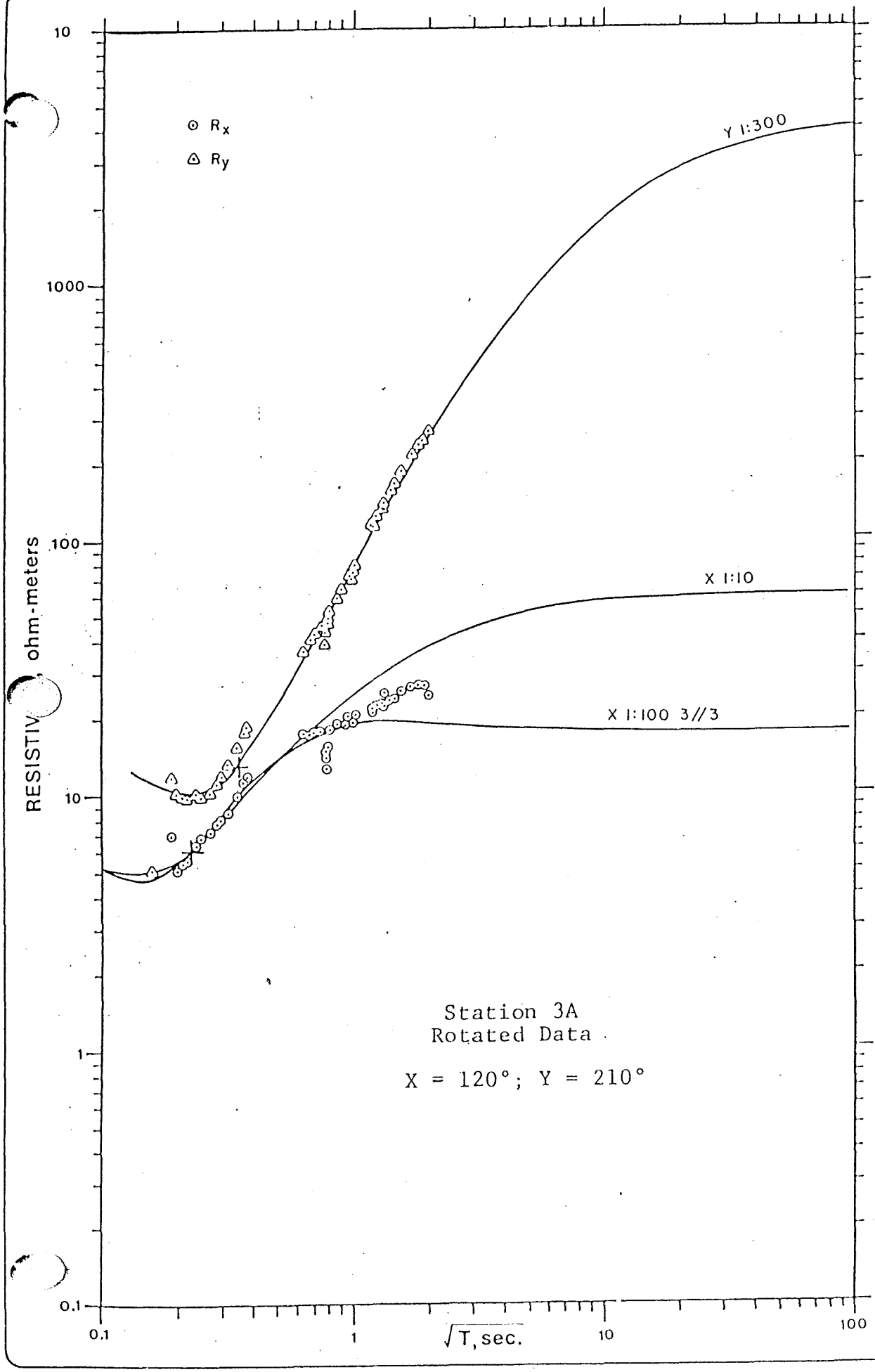
X = 130°; Y = 220°



Station 2
Non-Rotated Data

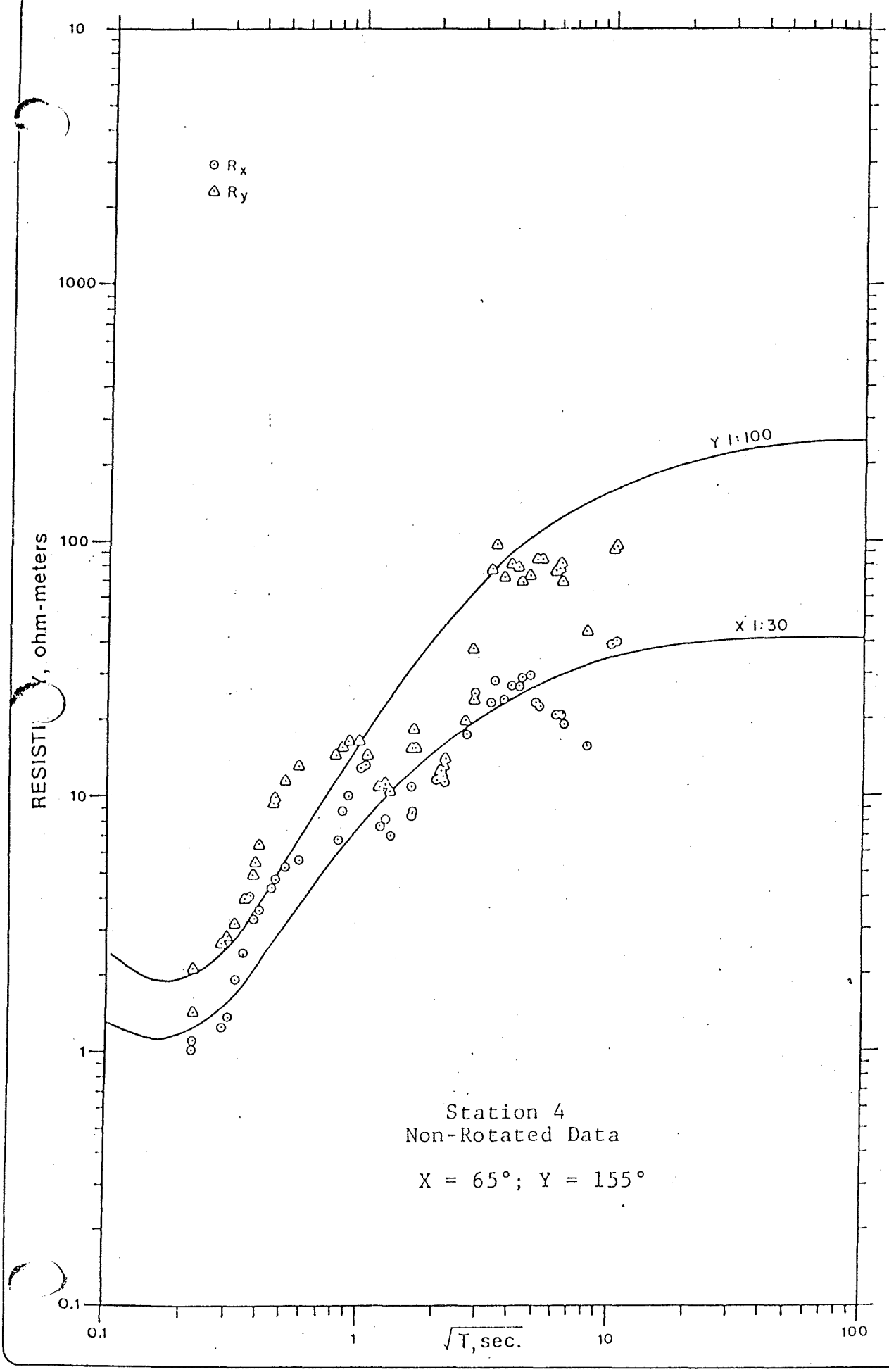
X = 143°; Y = 241°


10
1000
100
10
1
0.1
RESISTI , ohm-meters
⊙ Rx
△ Ry
X 1:100
Y 1:100
0.1
1
10
100
√T, sec.
Station 3
Rotated Data
X = 240°; Y = 330°



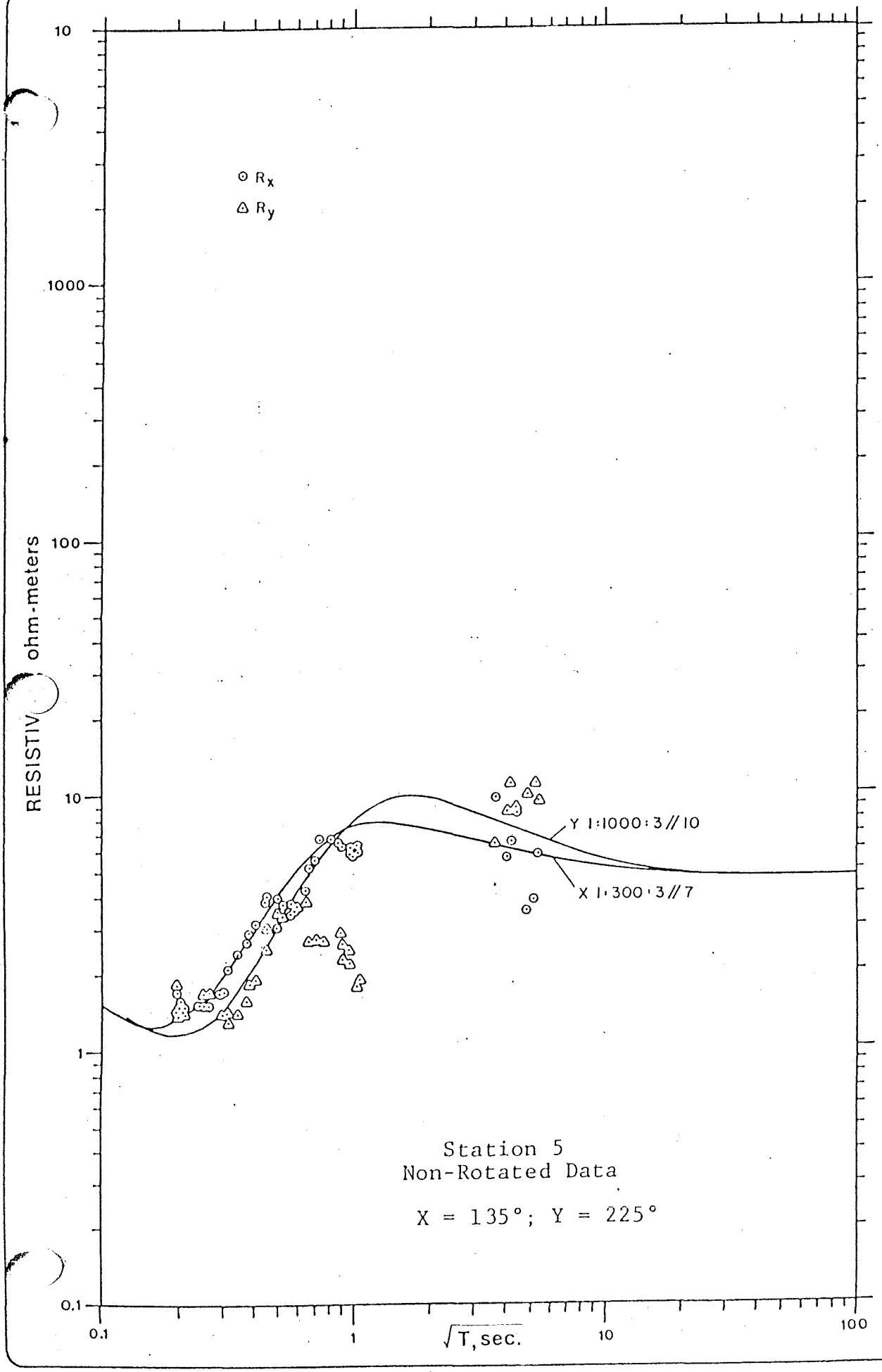
Station 3A
Rotated Data

X = 120°; Y = 210°



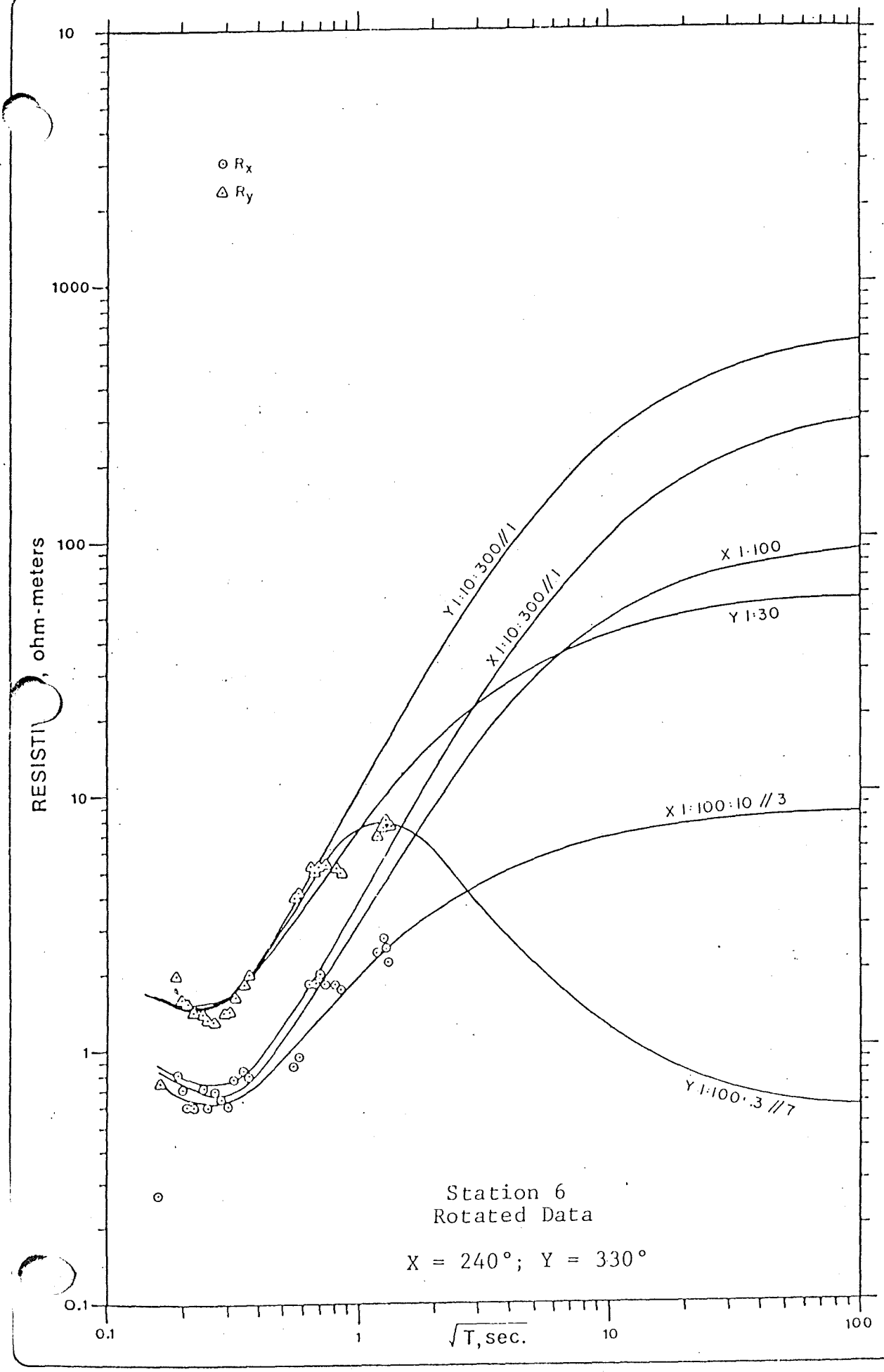
Station 4
Non-Rotated Data

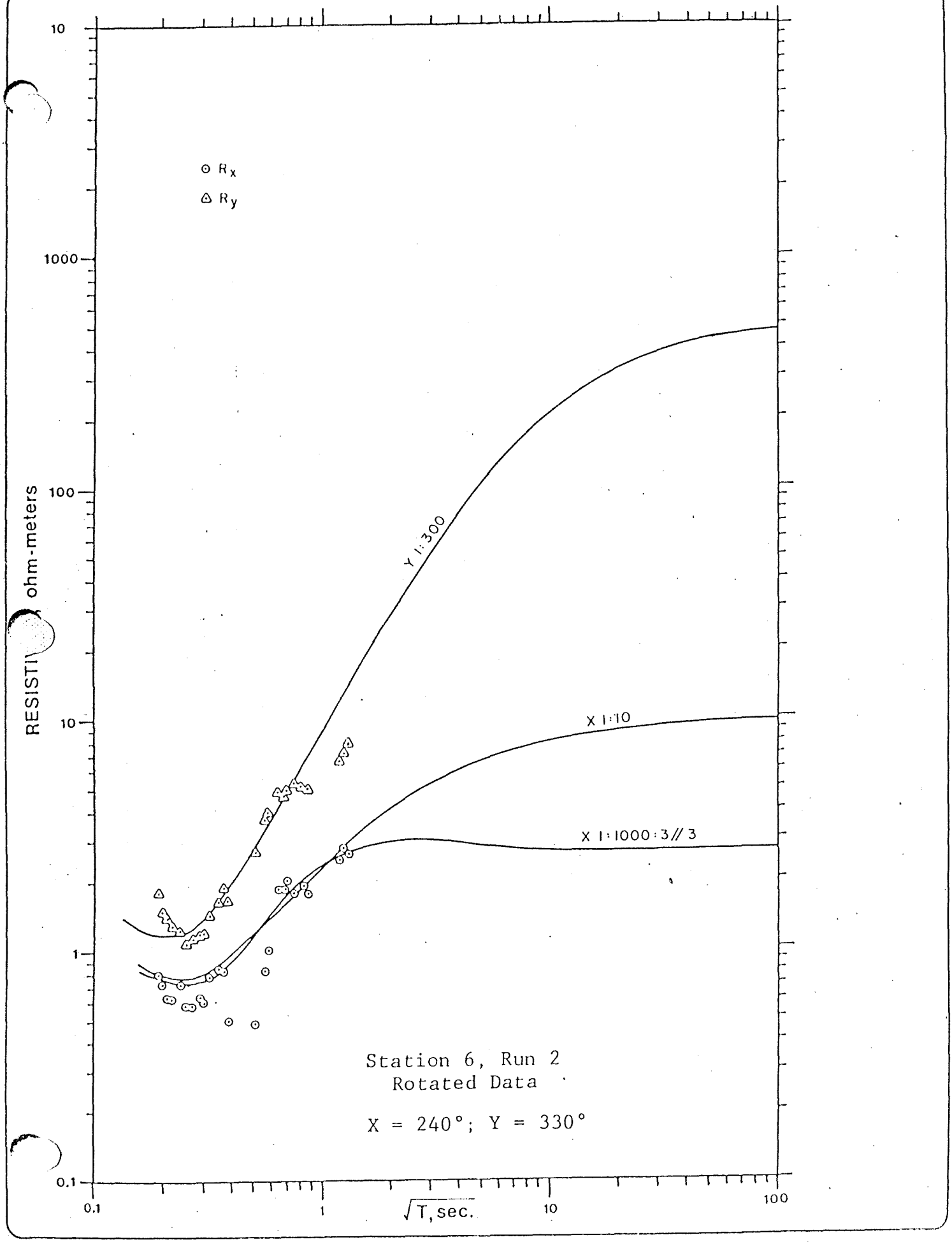
X = 65°; Y = 155°



Station 5
Non-Rotated Data

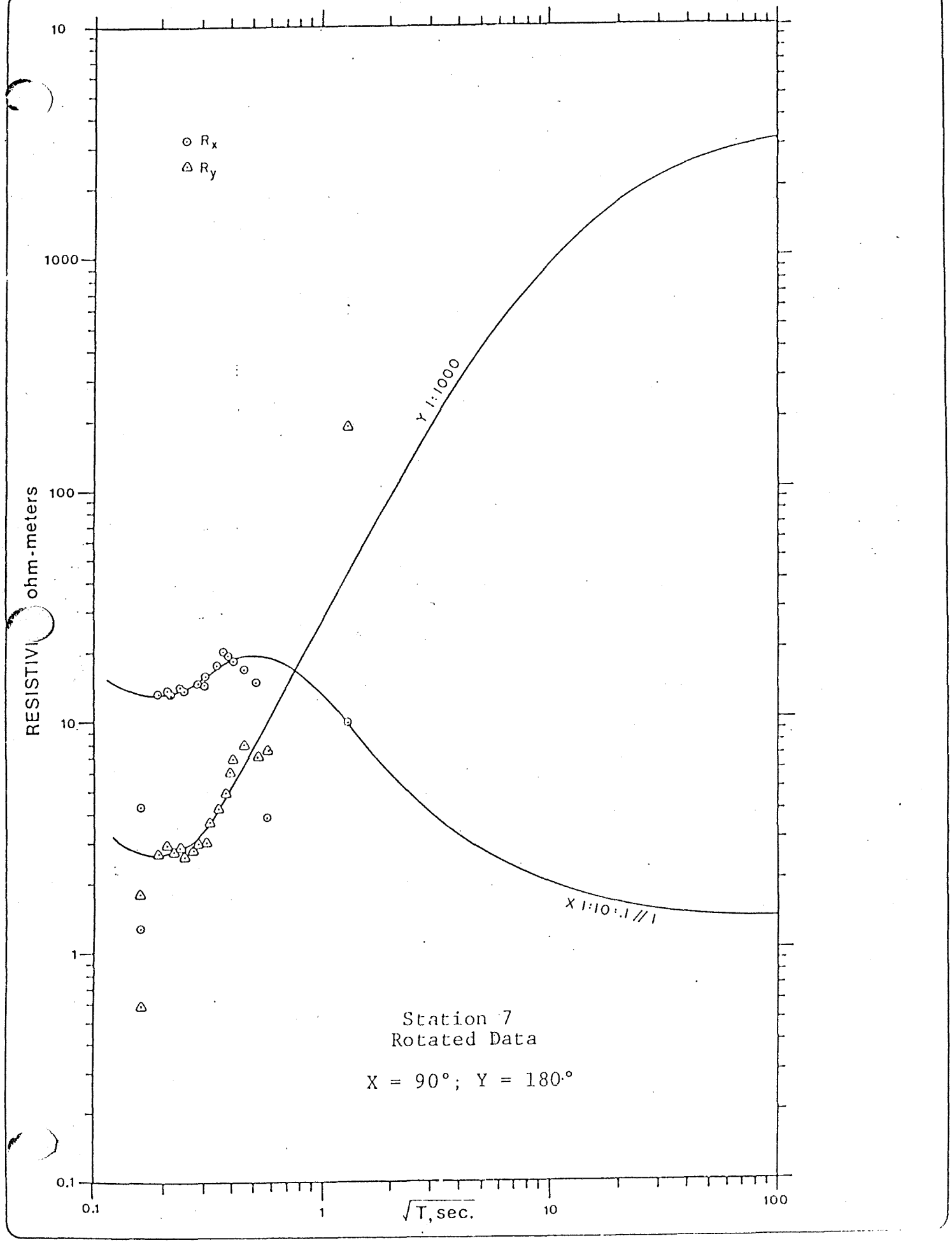
X = 135°; Y = 225°


10
1000
100
10
1
0.1
RESISTI , ohm-meters
⊙ R_x
△ R_y
Y 1:10:300//1
X 1:10:300//1
X 1:100
Y 1:30
X 1:100:10 // 3
Y 1:100:3 //7
Station 6
Rotated Data
X = 240°; Y = 330°
0.1
1
$\sqrt{T}$, sec.
10
100



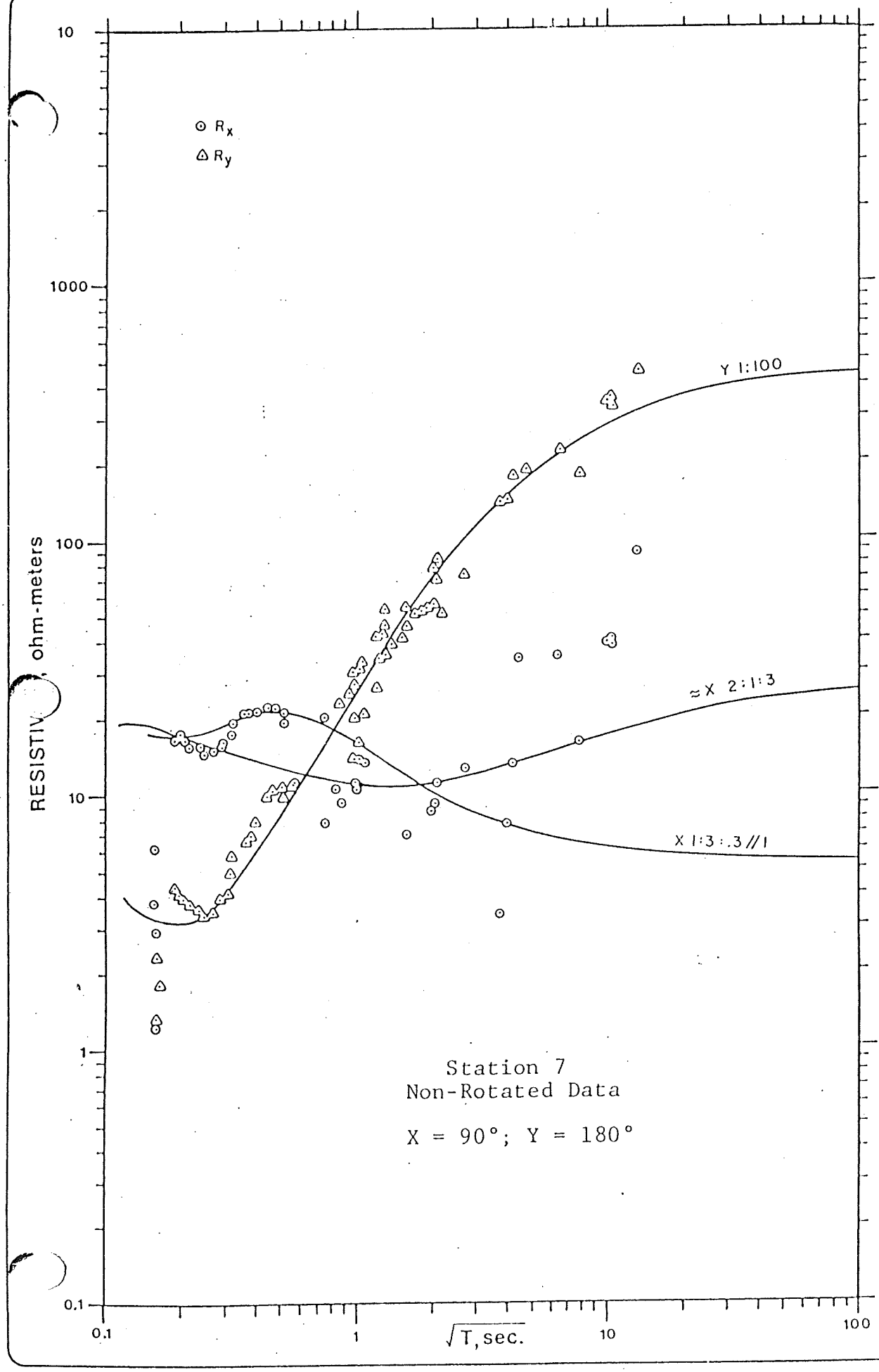
Station 6, Run 2
Rotated Data

X = 240°; Y = 330°



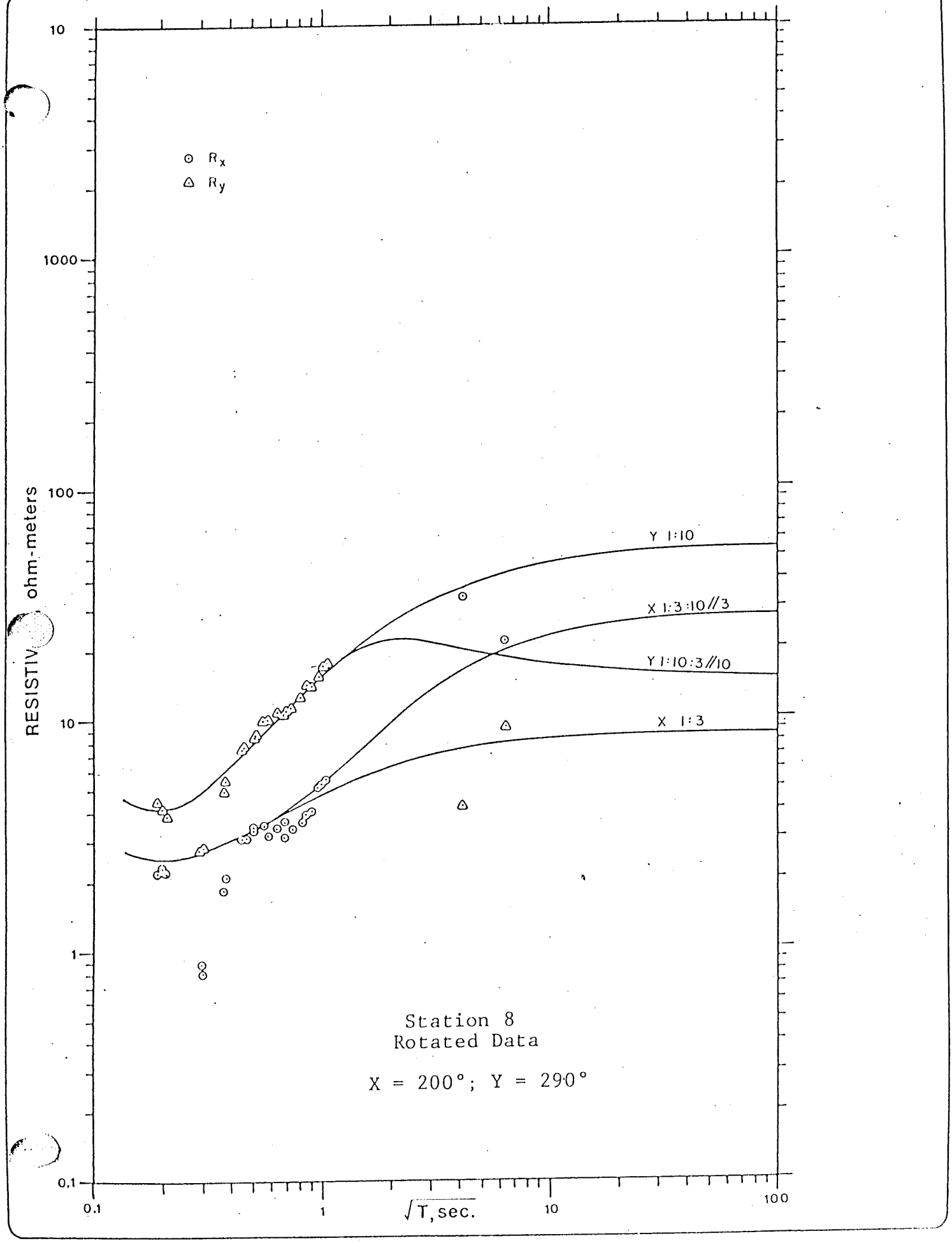
Station 7
Rotated Data

X = 90°; Y = 180°



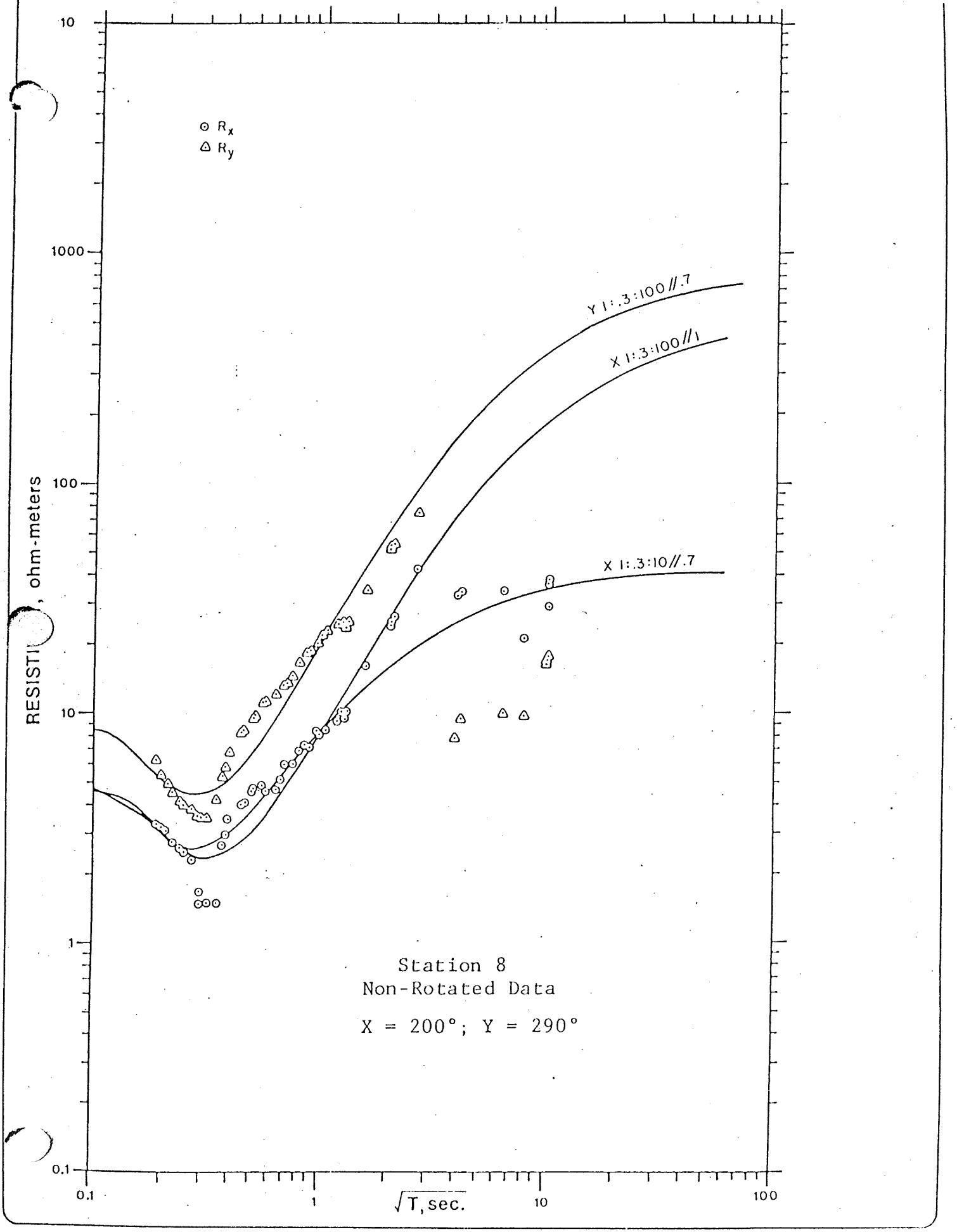
Station 7
Non-Rotated Data

X = 90°; Y = 180°



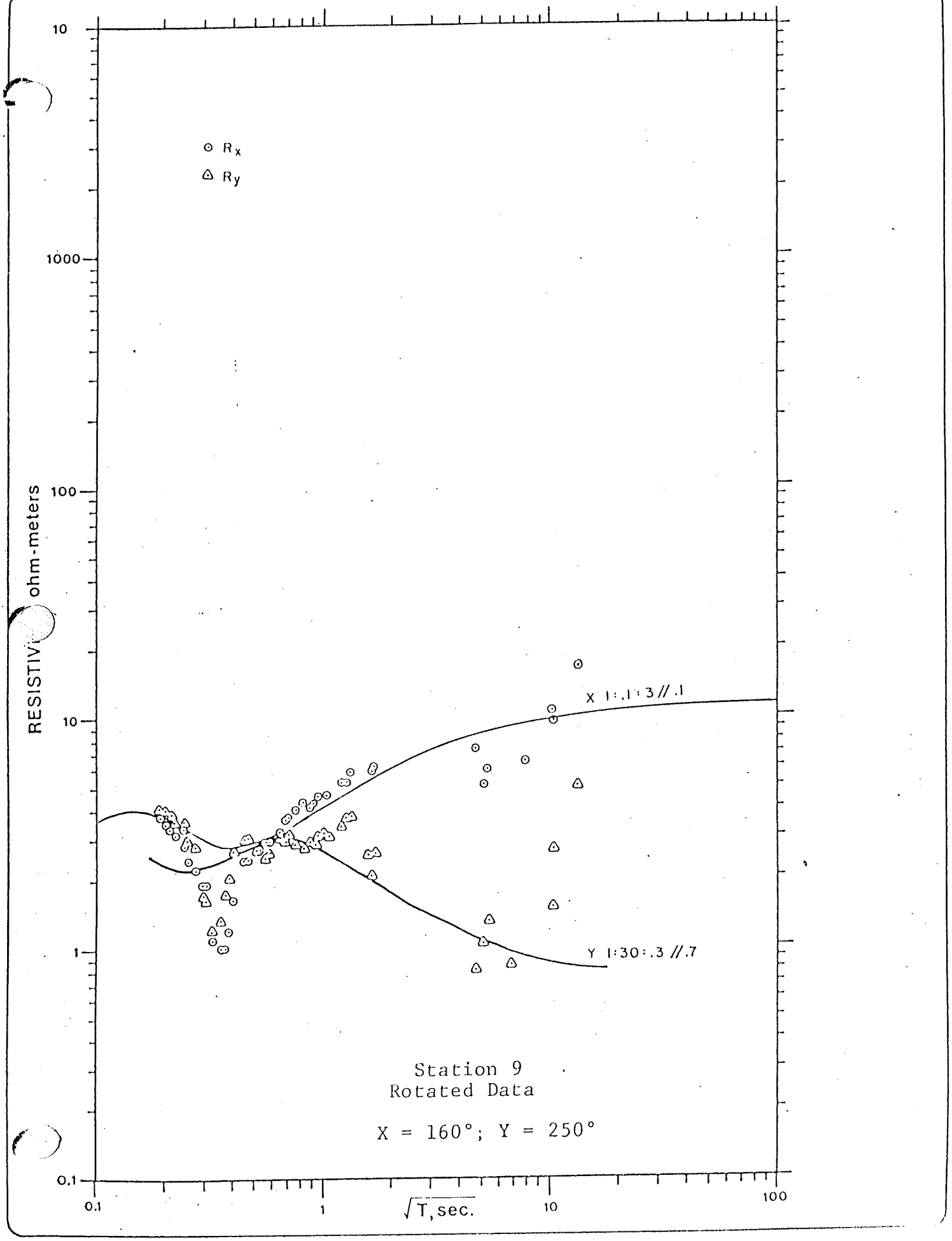
Station 8
Rotated Data

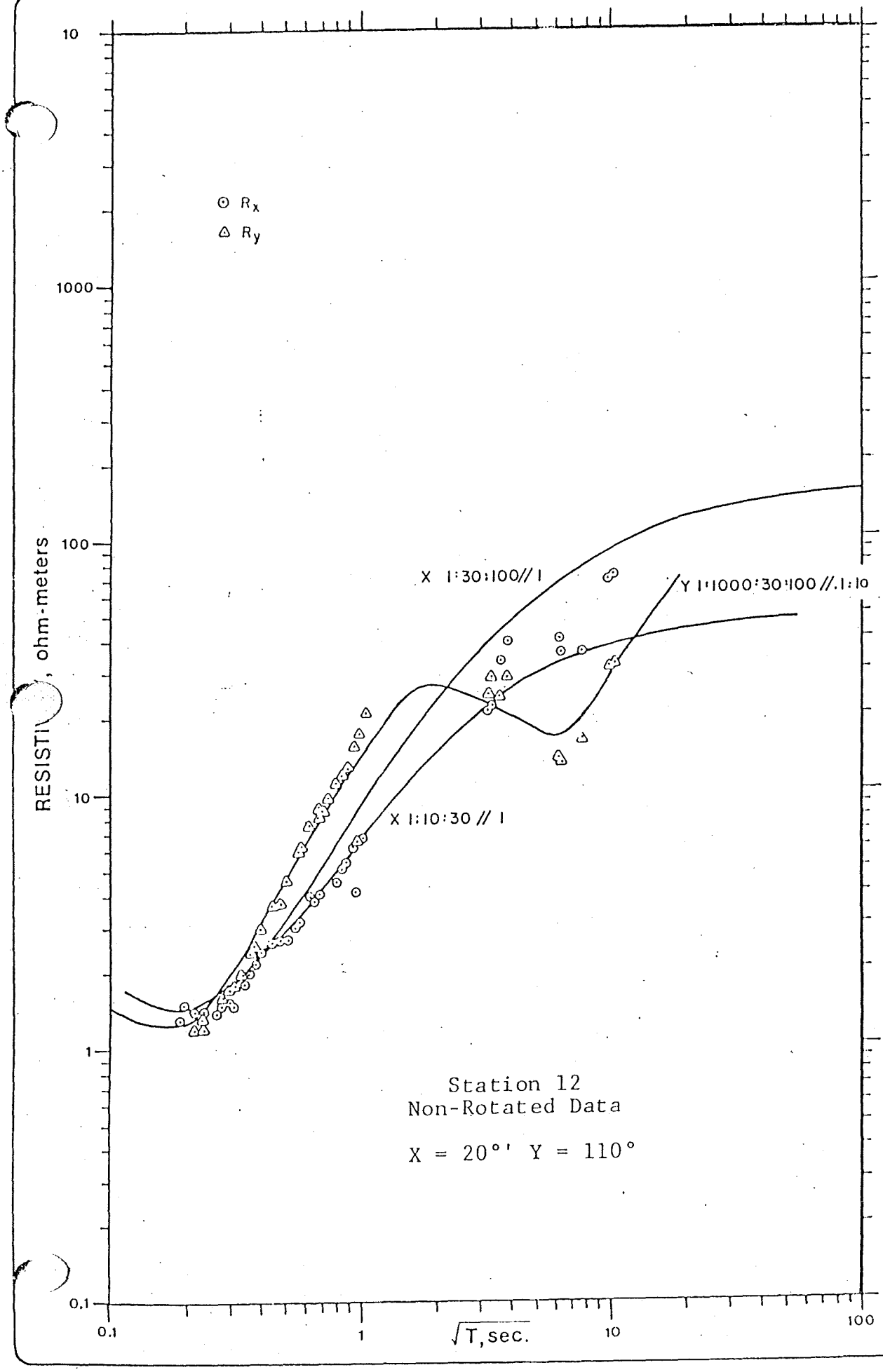
X = 200°; Y = 290°

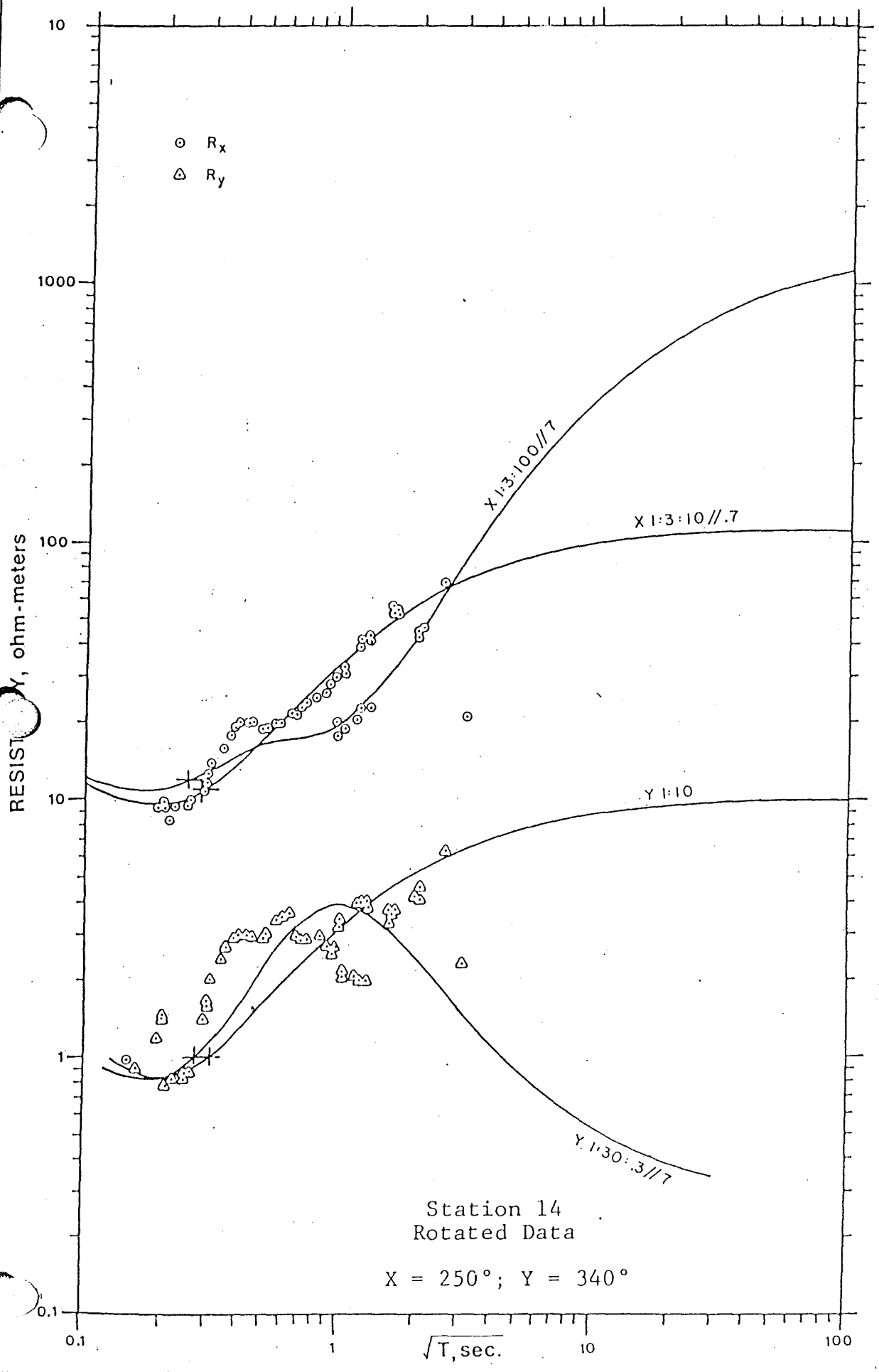


Station 8
Non-Rotated Data

X = 200°; Y = 290°

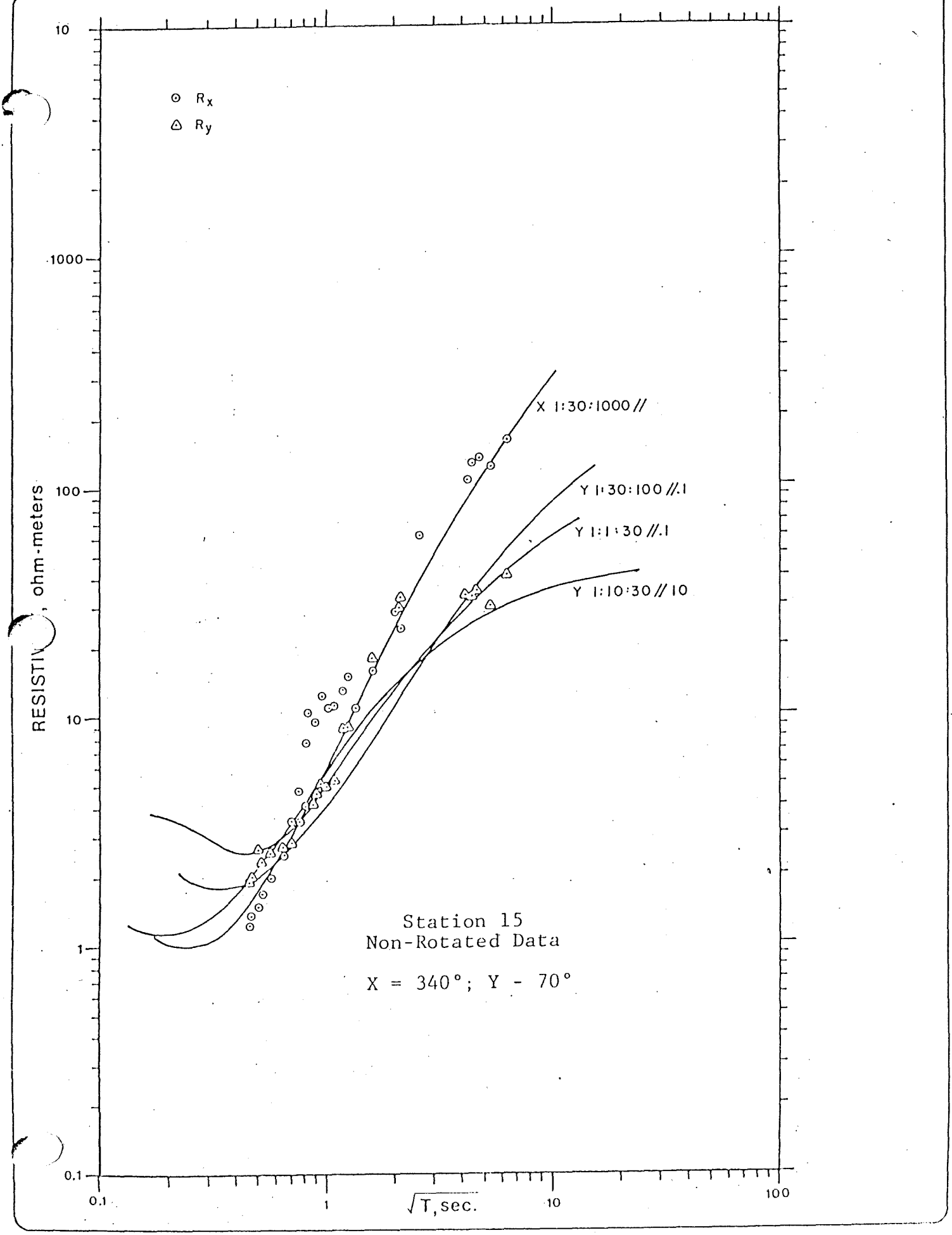

10
1000
100
10
1
0.1
RESISTIVITY, ohm-meters
⊙ Rx
△ Ry
X 1:.1:3//.1
Y 1:30:.3//.7
Station 9
Rotated Data
X = 160°; Y = 250°
0.1
1
√T, sec.
10
100

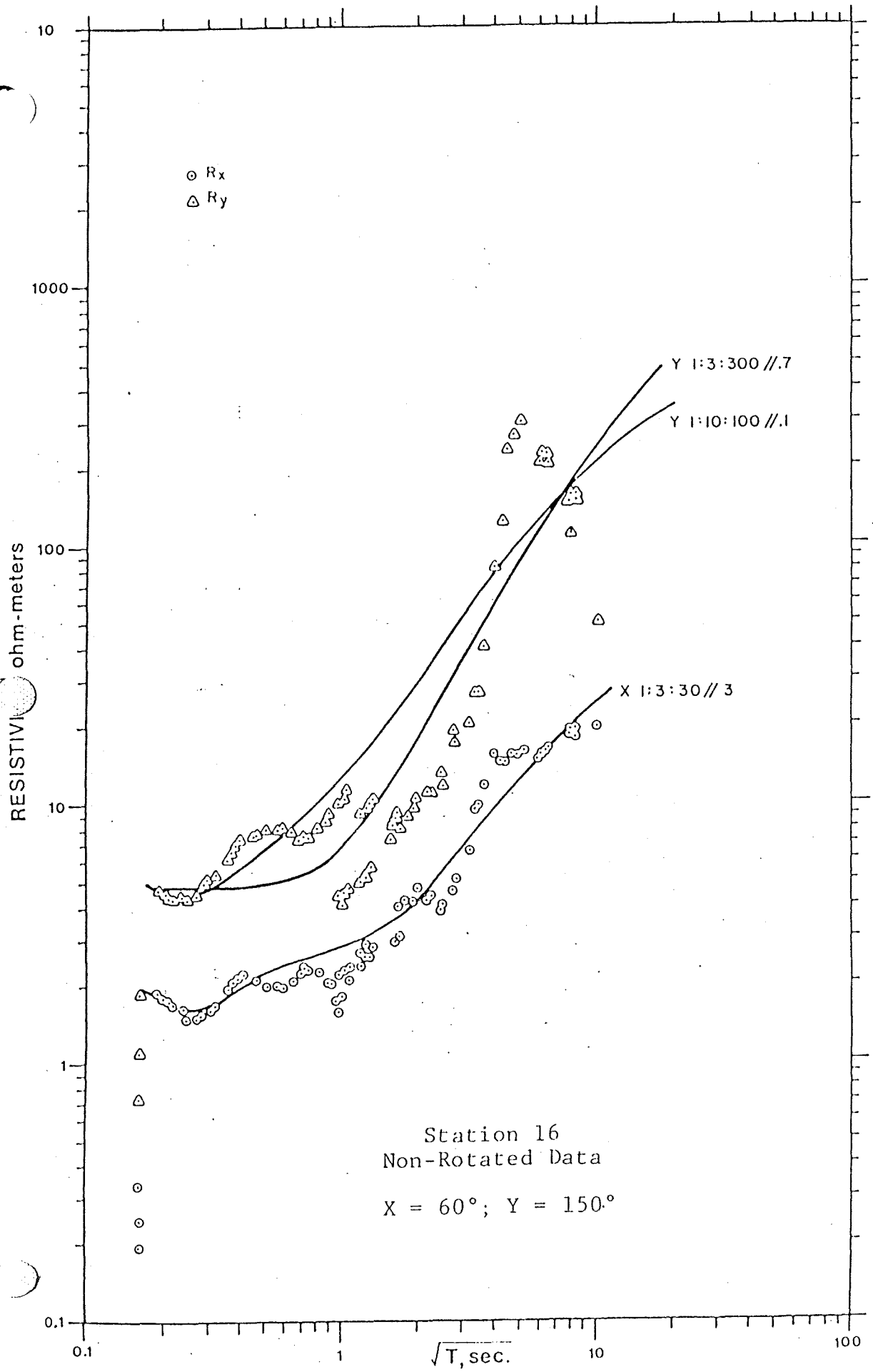

10
1000
100
10
1
0.1
RESISTI , ohm-meters
⊙ Rx
△ Ry
X 1:30:100// 1
Y 1:1000:30:100 //.1:10
X 1:10:30 // 1
0.1
1
√T, sec.
10
100
Station 12
Non-Rotated Data
X = 20°' Y = 110°

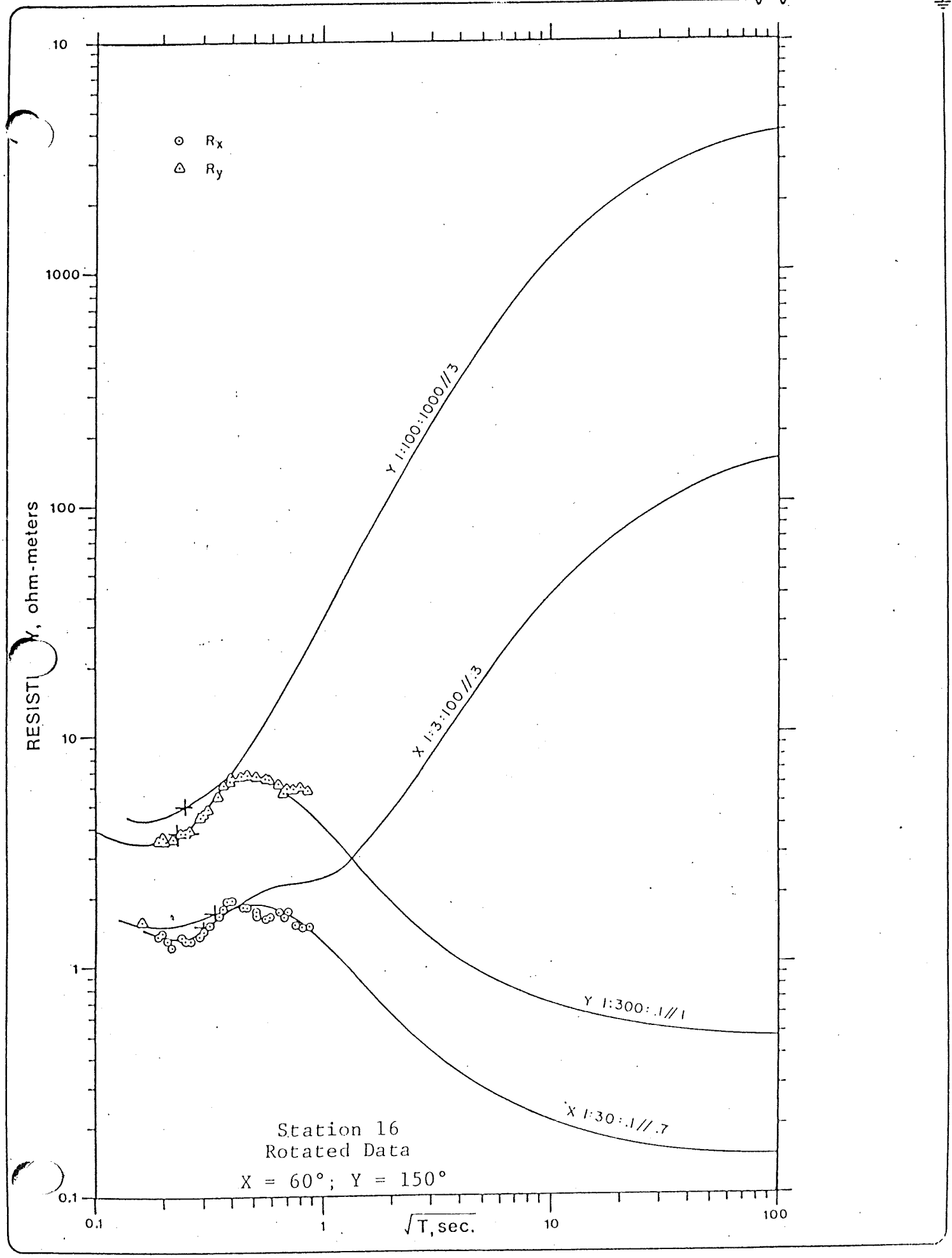


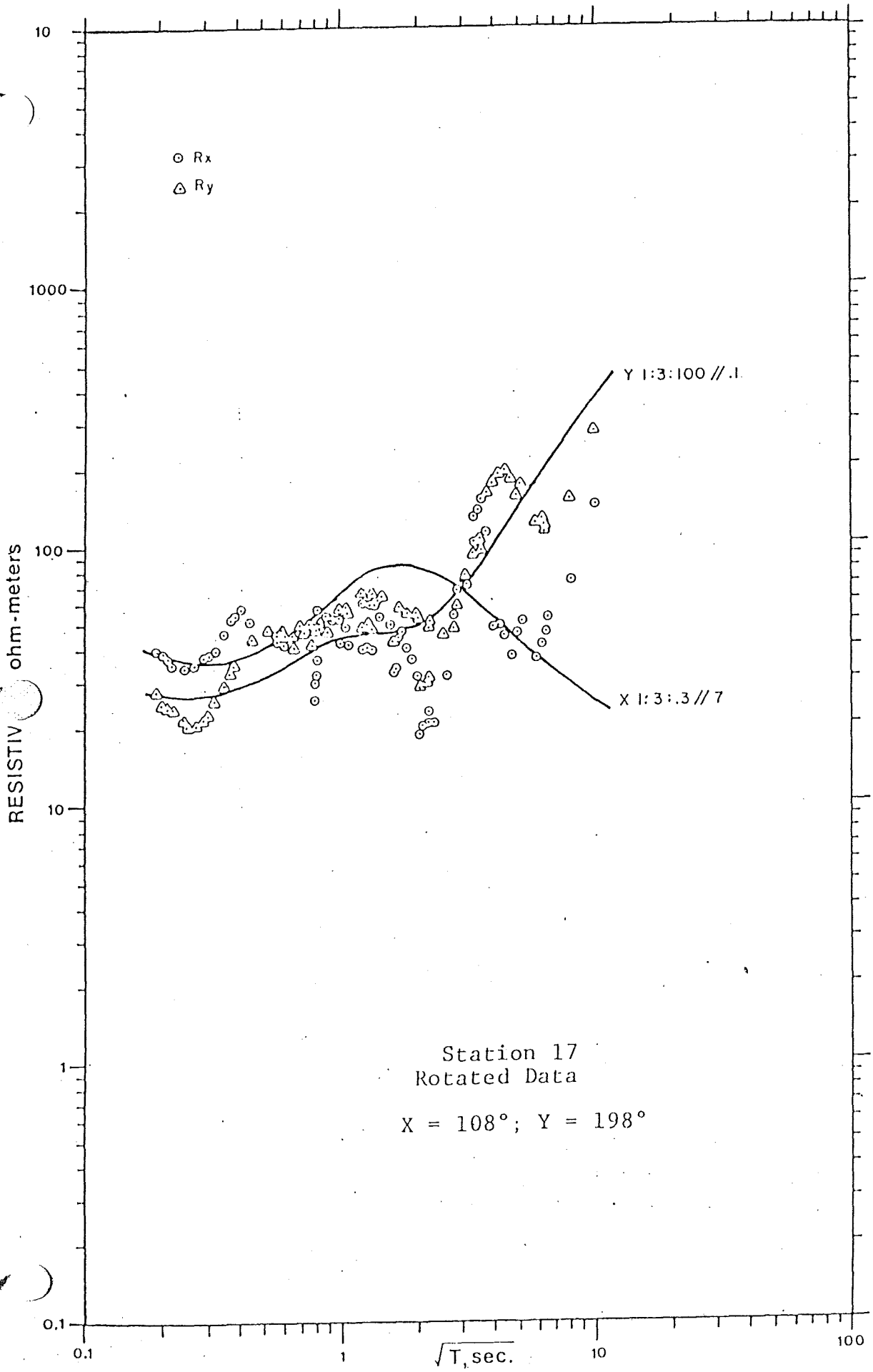
Station 14
Rotated Data

X = 250°; Y = 340°


10
1000
100
10
1
0.1
RESISTIV , ohm-meters
⊙ Rx
△ Ry
X 1:30:1000 //
Y 1:30:100 //.1
Y 1:1:30 //.1
Y 1:10:30 // 10
Station 15
Non-Rotated Data
X = 340°; Y - 70°
0.1
1
10
100
√T, sec.

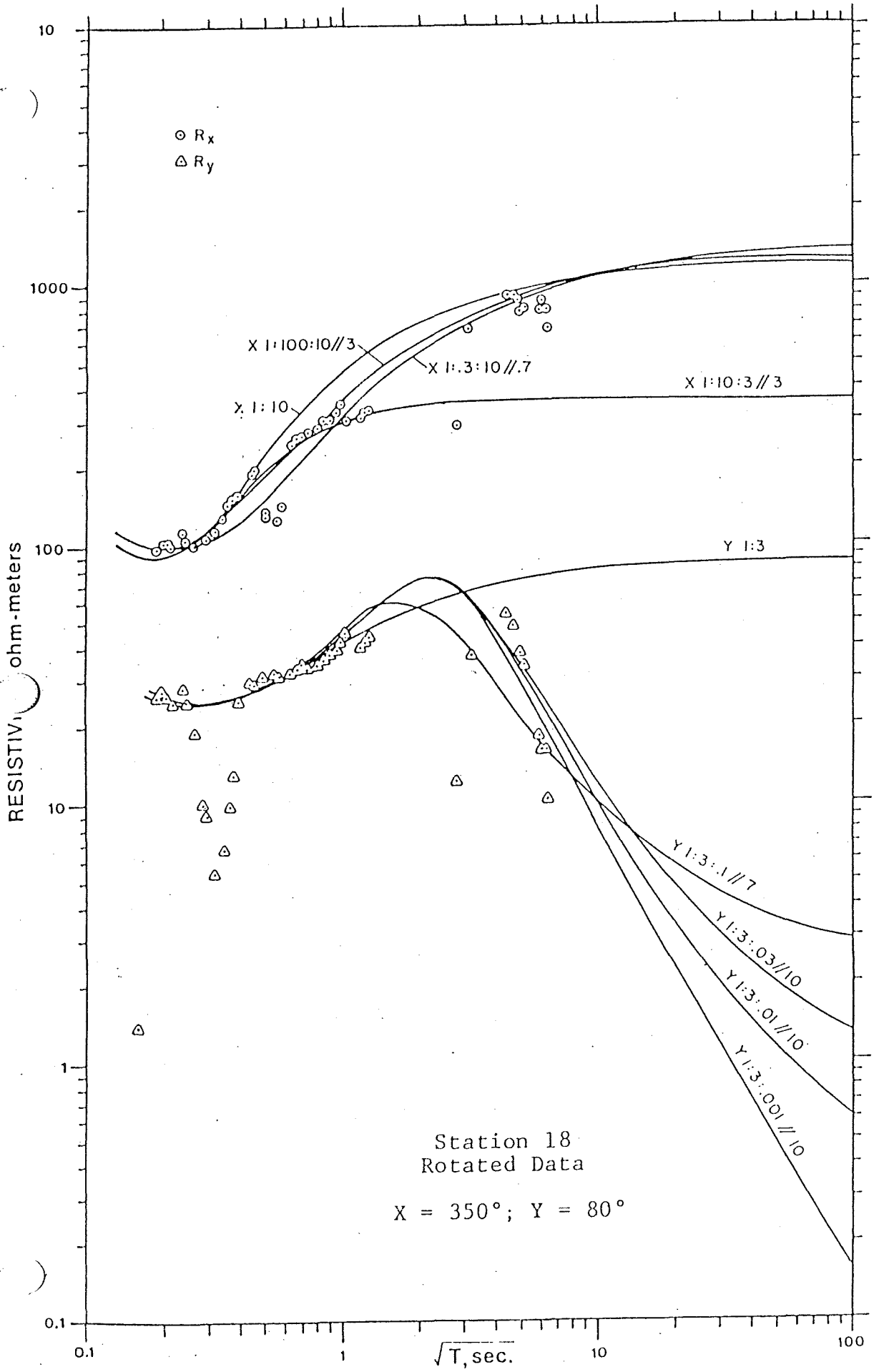

10
1000
100
10
1
0.1
RESISTIVI ohm-meters
⊙ Rx
△ Ry
Y 1:3:300 // .7
Y 1:10:100 // .1
X 1:3:30 // 3
0.1
1
10
100
√T, sec.
Station 16
Non-Rotated Data
X = 60°; Y = 150°

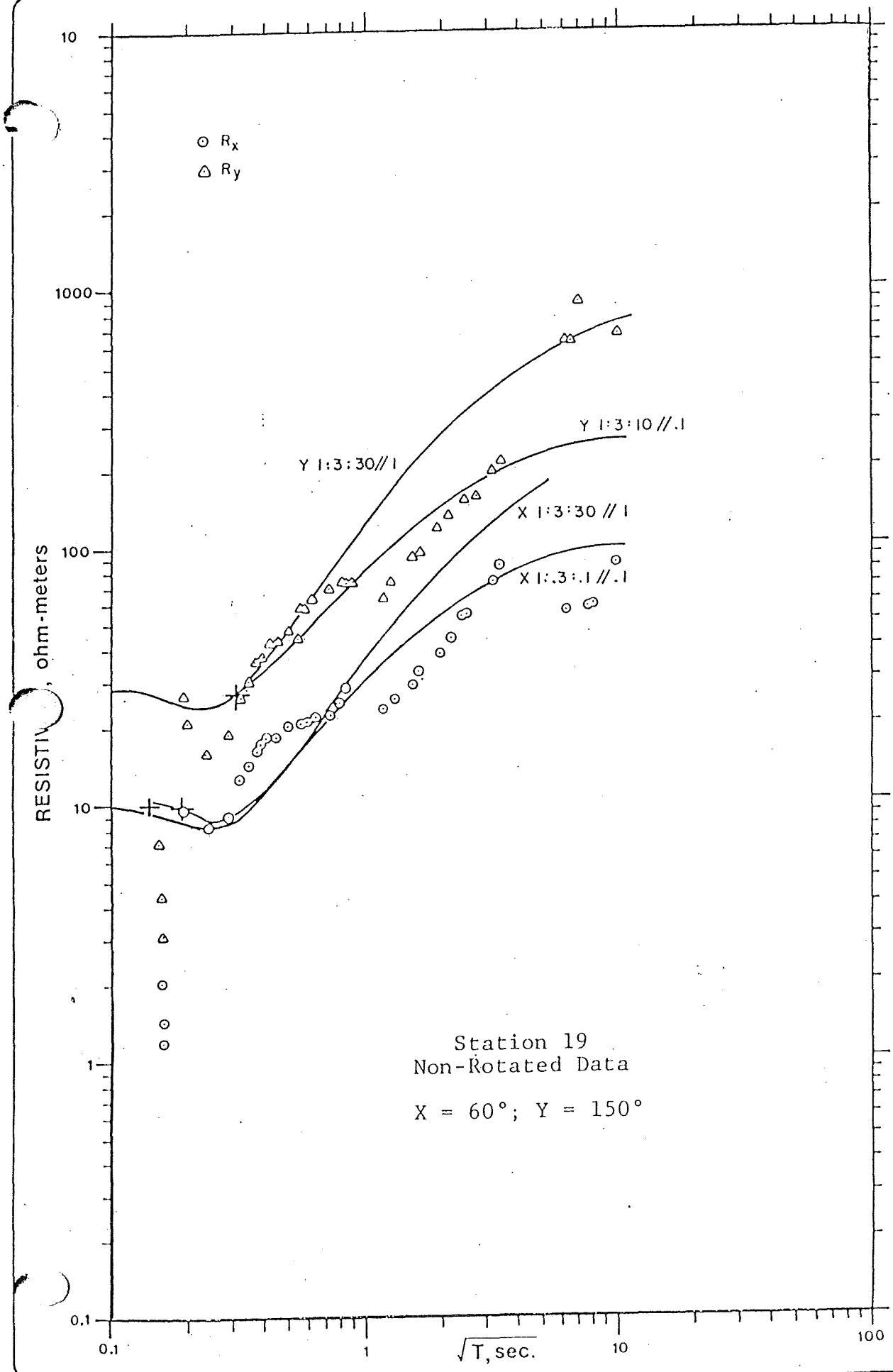

10
1000
100
10
1
0.1
RESISTIVITY, ohm-meters
R_x
R_y
Y 1:100:1000//3
X 1:3:100//3
Y 1:300:.1//1
X 1:30:.1//.7
Station 16
Rotated Data
X = 60°; Y = 150°
0.1
1
10
100
$\sqrt{T}$, sec.

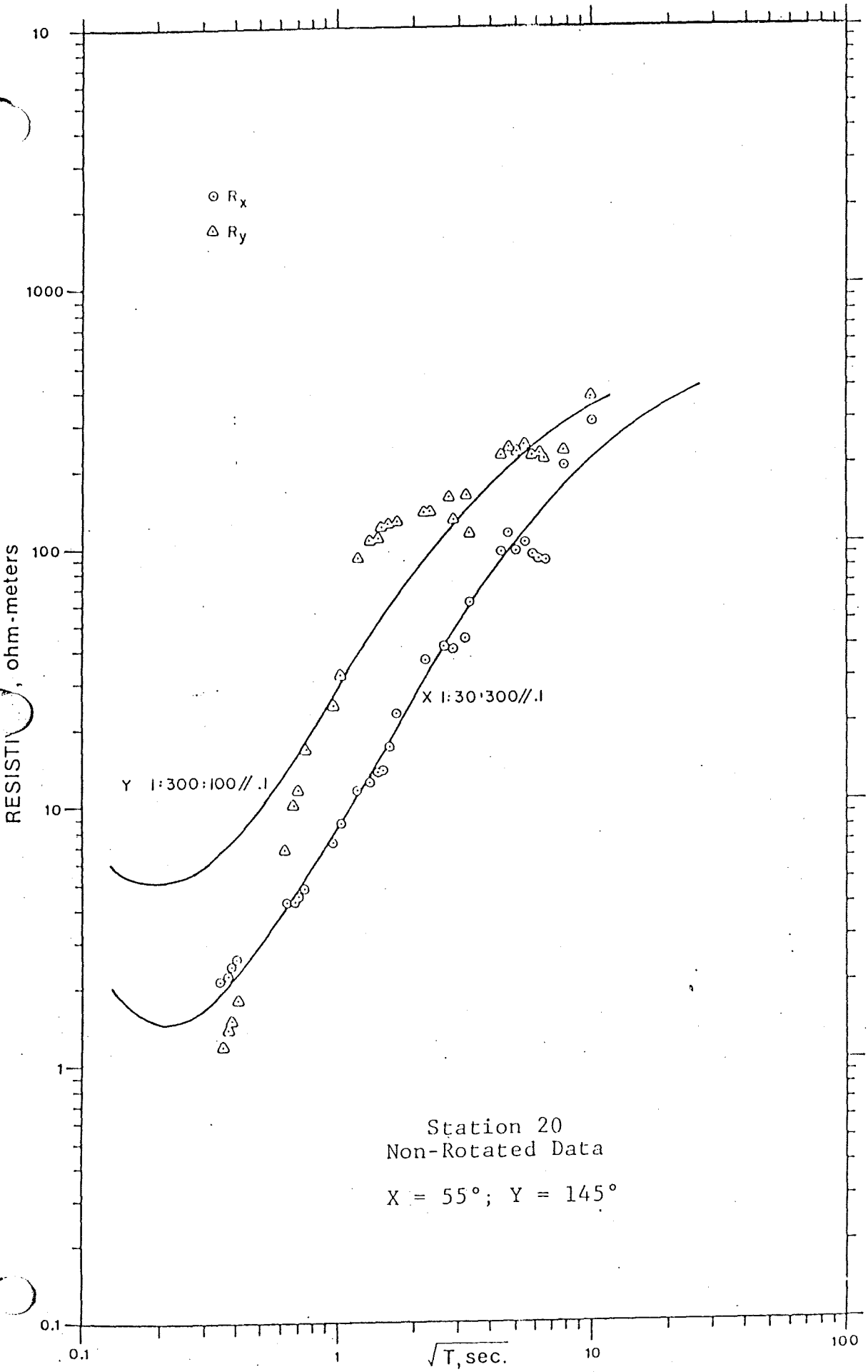


Station 17
Rotated Data

X = 108°; Y = 198°

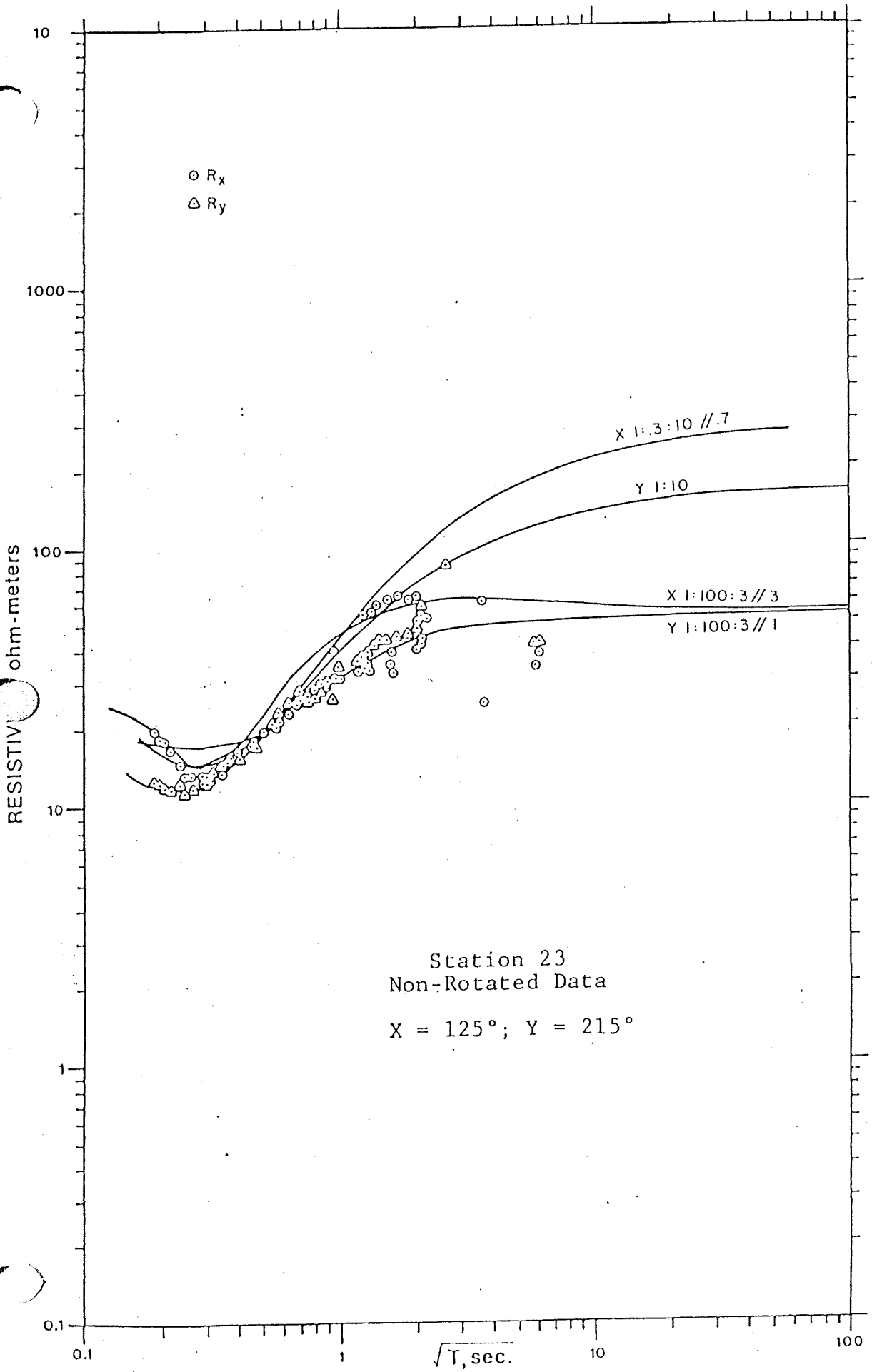

10
1000
100
10
1
0.1
RESISTIVITY, ohm-meters
⊙ R_x
△ R_y
X 1:100:10//3
X 1:.3:10//.7
X 1:10:3//3
X 1:10
Y 1:3
Y 1:3:.1//7
Y 1:3:.03//10
Y 1:3:.01//10
Y 1:3:.001//10
Station 18
Rotated Data
X = 350°; Y = 80°
0.1
1
10
100
√T, sec.


10
1000
100
10
1
0.1
RESISTIVITY, ohm-meters
⊙ R_x
△ R_y
Y 1:3:30//1
Y 1:3:10//.1
X 1:3:30//1
X 1:.3:.1//.1
0.1
1
10
100
$\sqrt{T}$, sec.
Station 19
Non-Rotated Data
X = 60°; Y = 150°



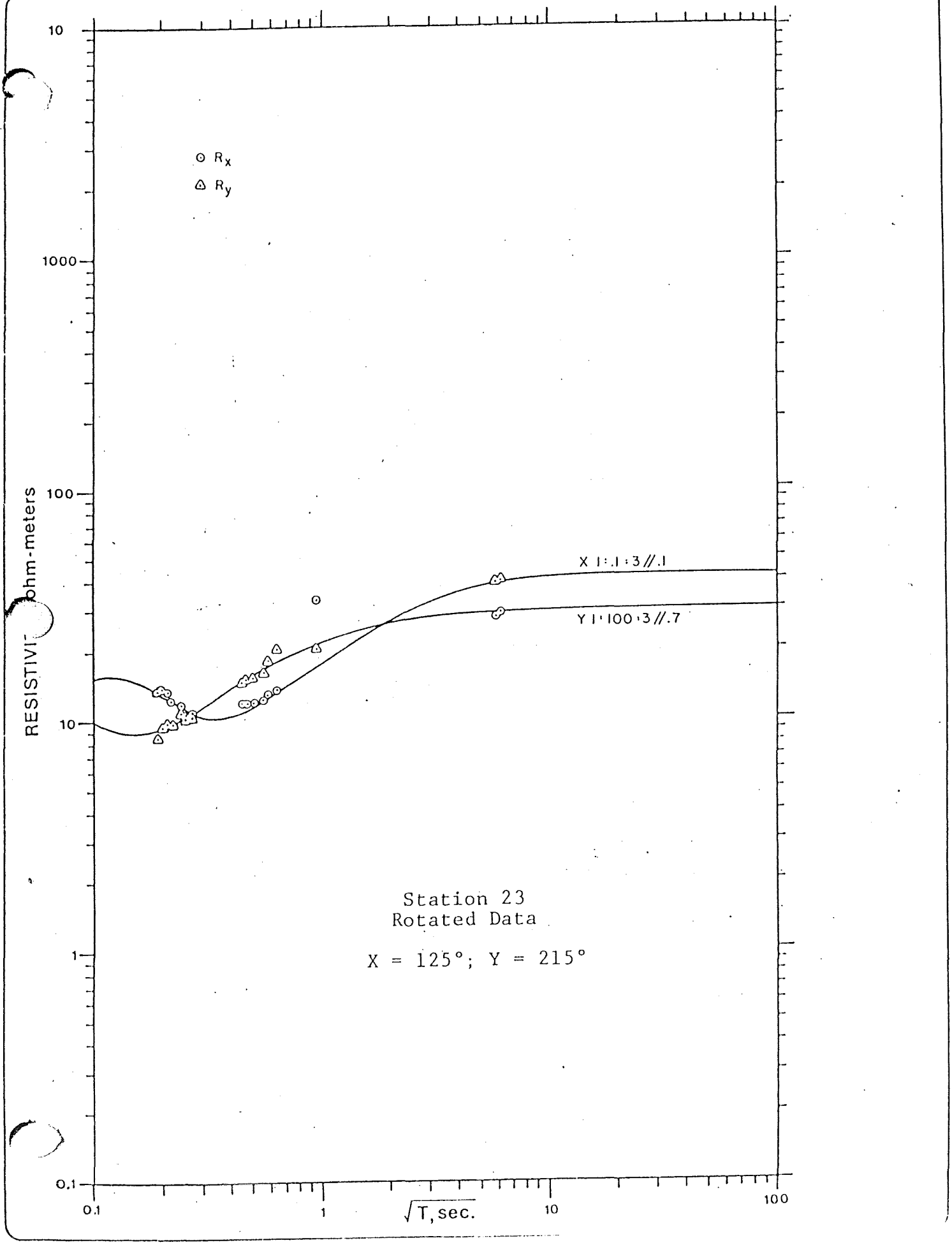
Station 20
Non-Rotated Data

X = 55°; Y = 145°



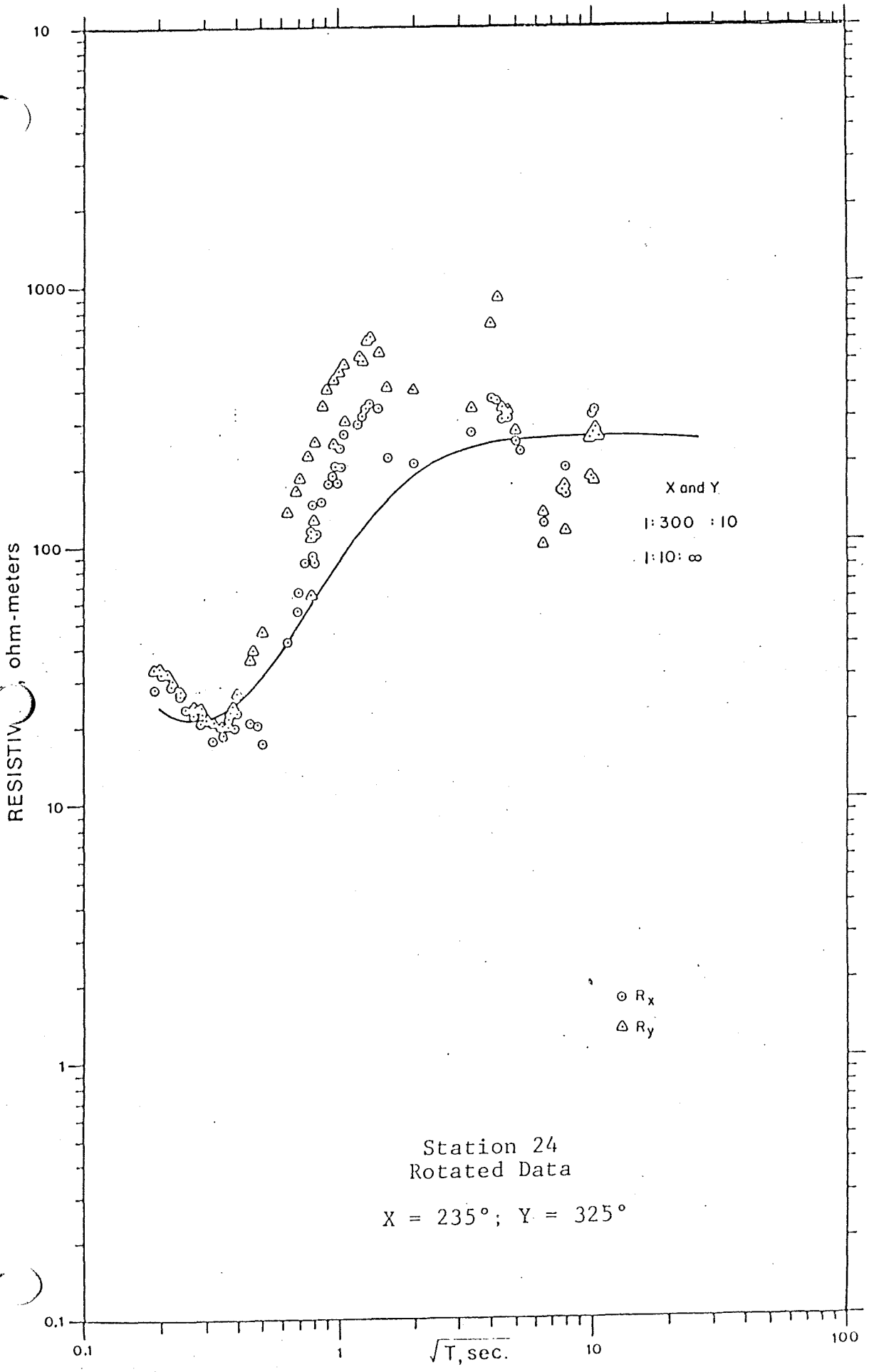
Station 23
Non-Rotated Data

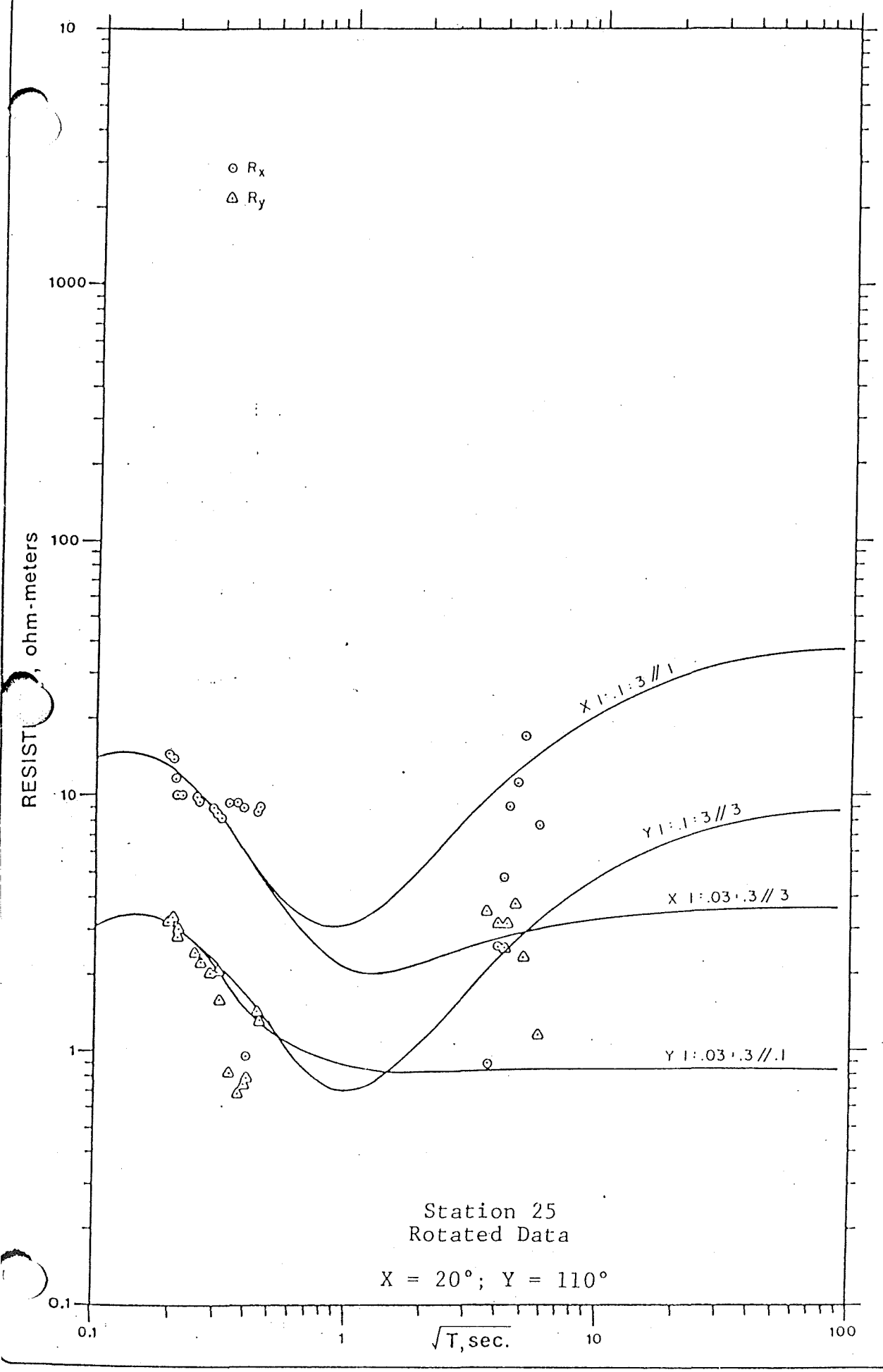
X = 125°; Y = 215°



Station 23
Rotated Data

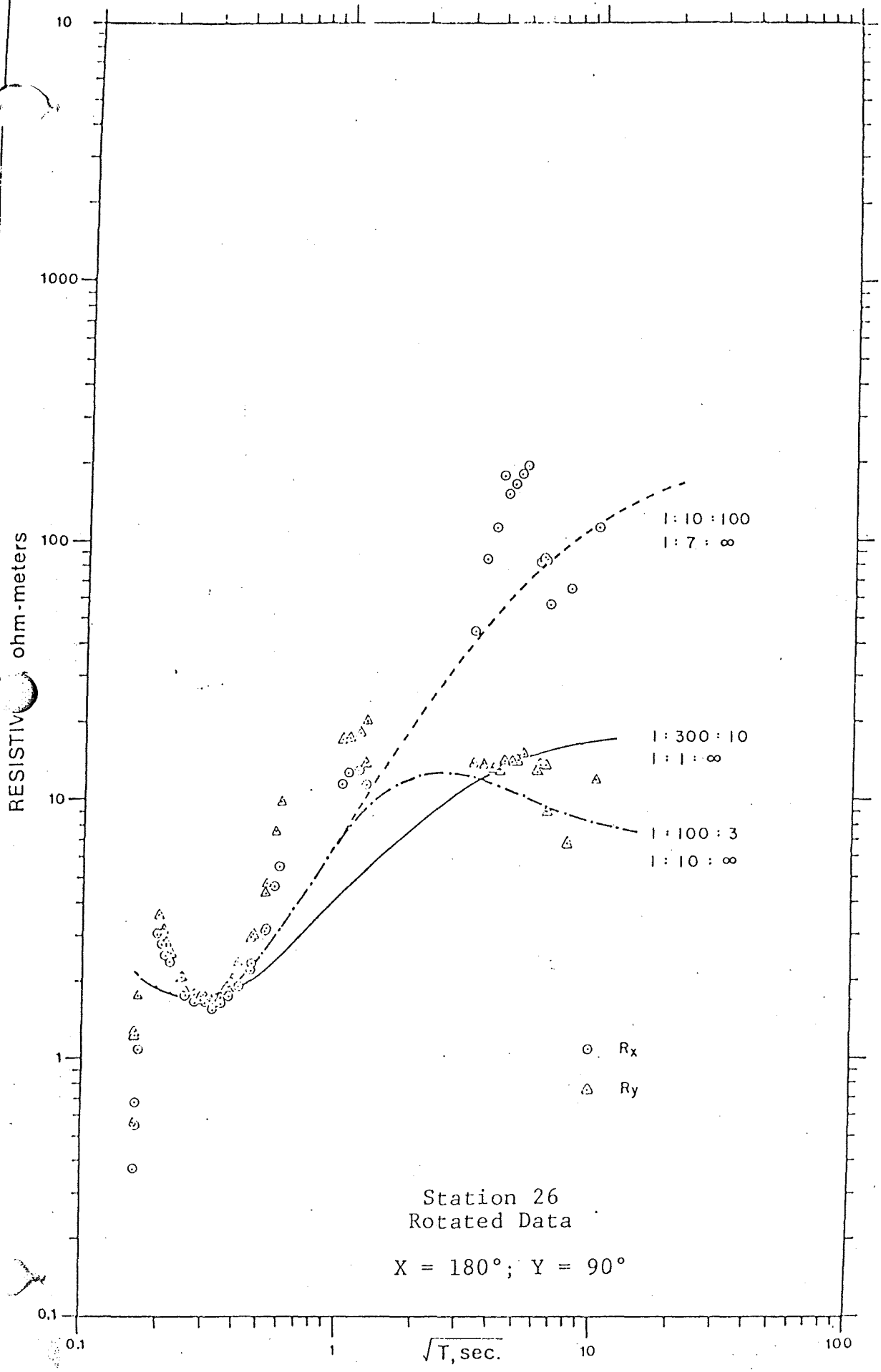
X = 125°; Y = 215°


10
1000
100
10
1
0.1
RESISTIVITY, ohm-meters
0.1
1
10
100
√T, sec.
X and Y
1:300 : 10
1:10: ∞
⊙ Rx
△ Ry
Station 24
Rotated Data
X = 235°; Y = 325°



Station 25
Rotated Data

X = 20°; Y = 110°


10
1000
100
10
1
0.1
RESISTIVITY, ohm-meters
1 : 10 : 100
1 : 7 : ∞
1 : 300 : 10
1 : 1 : ∞
1 : 100 : 3
1 : 10 : ∞
Rx
Ry
Station 26
Rotated Data
X = 180°; Y = 90°
0.1
1
10
100
√T, sec.

BACA PROJECT

DATA AND REPORTS

GEOLOGY

No.	Transfer Date	Release Date	Title
1.	B	B	Hydrothermal Geology of the Valles Caldera, New Mexico by R.F. Dondanville - 1971.
2.	B	B	Airborne Infrared Geothermal Exploration--Valles Caldera, New Mexico Earth Resources Operations, North American Rockwell Corp.-1972.
3.	B	B	Electrical Resistivity Survey in Valles Caldera, New Mexico by Group Seven, Inc. - 1972.
4.	B	B	Additional Data--Electrical Resistivity Survey in the Valles Caldera, New Mexico by Group Seven, Inc. - 1972.
5.	B	B	Reconnaissance Resistivity Survey Baca Property, McPhar - 1973.
6.	B	B	Supplemental Report--Reconnaissance Resistivity and Schlumberger Depth Sounding Surveys Baca Property - McPhar - 1973.
7.	B	B	Quantitative Gravity Interpretation Valles Caldera Area, New Mexico by R.L. Segar - 1974.
8.	B	B	Mercury Soil Gas Survey Baca Prospect by Allied Geophysics Inc. - 1974.
9.	A	A	Mercury analysis - 1974 gradient holes.
10.	B	B	Geothermal Geology of the Redondo Creek Area Baca Location by T.R. Slodowski - 1976.
11.	B	B	Magnetotelluric--Telluric Profile Survey, Valles Caldera Prospect by Geonomics - 1976 as reprocessed by QEB Inc. - 1978.
12.	B	B	Geological Resume of the Valles Caldera by T.R. Slodowski - 1977.

A MAGNETOTELLURIC-TELLURIC PROFILE SURVEY OF THE VALLES CALDERA PROSPECT SANDOVAL COUNTY, NEW MEXICO

submitted to

UNION OIL COMPANY

December, 1976

by

Michael J. Wilt

Alan Lattanner

Tsvi Meidav

Project No. 76.118

GEONOMICS, INC.
3165 Adeline Street
Berkeley, California 94703

TABLE OF CONTENTS

LIST OF APPENDICES

LIST OF FIGURES

LIST OF PLATES

I. INTRODUCTION

This report describes the results of a combined magneto-telluric (MT)-telluric profile (TP) survey performed by Geonomics, Inc. of Berkeley for the Union Oil Company of California. The survey took place at Baca Location No. 1 in Sandoval County, New Mexico during June and July, 1976. Its purpose was to determine the thickness and structure of the volcanic sediments and underlying formations, and to interpret the results in terms of local geothermal potential.

Description of the Prospect

Baca Location No. 1, a 96 sq. mi. privately-owned ranch, encompasses most of the area known as the Valles or Jemez Caldera in the Jemez Mountains (see Figure 1). The Baca is a mountainous area lying between an elevation of 8,000' to 11,000', and has densely forested slopes and grassy elongate valleys that roughly outline the caldera rim. The prospect is accessible via Highway 4 through Bernalillo or Los Alamos.

Data Acquisition and Reduction

Telluric profile data was recorded using Geonomics' Mark II telluric receiver and a Brush 2-channel chart recorder. Stations were spaced 1,000' apart on lines A-G and 500' apart on line H; locations are shown on Plate I. Telluric profile (TP) data was reduced according to the procedure described in Appendix III.

Magnetotelluric data was recorded on the Geonomics Mark II system which utilizes a cryogenic magnetometer and a 4-channel FM tape recorder. Results were computer-processed as described in Appendix III, Sections III and IV. Layered resistivity models were obtained from MT data by matching input data to 2 and 3-layer model curves. These curves must be viewed as merely an aid in defining the local resistivity structure. Since the area does not even grossly approximate horizontal layering, the curves are given as a best fit set for each station. Several MT profiles were also drawn from raw apparent resistivity data. These offer the advantage of a direct qualitative interpretation of data that has not been subjected to the prejudices of the interpreter.

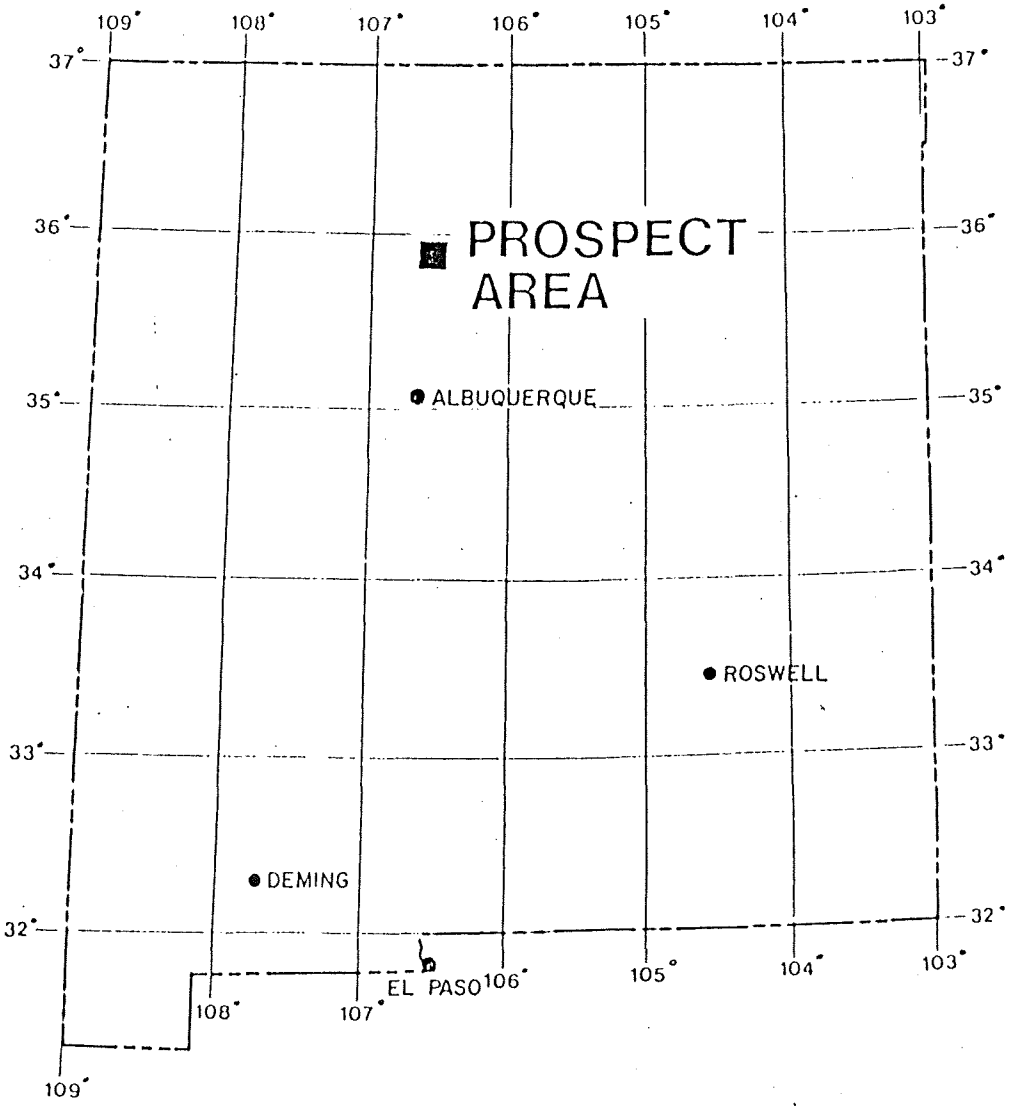


Figure 1. Prospect location map of the Valles Caldera prospect, New Mexico.

Our recordings and the daily reports of the Space Environment Services Center of the Department of Commerce show the geomagnetic field during June and July was quiet to unsettled. Although such conditions provide fair to good signal for MT and TP surveying, the daily lightning storms in this part of New Mexico interfered considerably with data acquisition in the early afternoon when natural signals are strongest.

II. GEOLOGY AND GEOPHYSICS

The general geological setting of the Valles Caldera and Jemez Mountains has been described by Smith and others (1970) of the USGS, and West (1973) of the Los Alamos Scientific Laboratory (LASL). Review articles covering the regional geophysical data and the geophysical detailing of the LASL Hot Dry Rock Project site just west of the Valles Caldera have been published by Jiracek (1974), West (1974) and others. We will assume herein that the reader has familiarized himself with the geological and geophysical setting of the prospect.

Pertinent Features

Of primary interest to this survey are the north to northeast trending normal faults associated with the Rio Grande rift which are thought to be concealed beneath the Tertiary and Quaternary volcanics of the Jemez Mountains. On the geologic map of New Mexico (1961) fault "swarms" can be seen trending toward the Valles Caldera from the northeast and southwest, mainly in pre-Tertiary sediments. If these faults continue beneath the volcanic section they might form the root zone of the hydrothermal plumbing system associated with the Valles Caldera. Geologically recent faulting includes the caldera ring fracture zone which is almost totally concealed by later volcanic and clastic sediments, the Redondo dome radial fracture system, and the Redondo Creek graben faulting. The latter is possibly a surface expression of one of the Rio Grande faults.

Resistivity work by Jiracek (1974) indicates that the Jemez volcanic suite has an average resistivity of 50 to 1,000 ohm-meters, and is underlain by 10 to 50 ohm-meter pre-Jemez aquifers; these sediments lie on a Pre-Cambrian basement that has a resistivity in excess of 800 ohm-meters. We infer from Ross (1961) that the total thickness of the volcanic pile is between 800 meters and 1,600 meters (2,500'-5,000') in the caldera area.

The geothermal system in the Valles Caldera is known to be a water-dominated system (Dondanville, personal communication, August, 1974) which will tend to lower the resistivity in fracture zones anywhere from 5% for pure water to several orders of magnitude for brines. Results of the present telluric profile survey indicate that the water-saturated

fractures are two to five times more conductive (less resistive) than their host rock.

Effect of the Geologic Structure on the Present Survey

The complex sequence of volcanic sediments beneath the survey area and the multiple fracture patterns have a profound effect on the electric currents measured by the telluric profile and magnetotelluric methods. These effects can be enumerated as follows:

1. Elongate conductive fracture zones tend to channel telluric currents and polarize the incoming electric field signal. These features can yield misleading MT results.

2. There is significant evidence that such features cause incoherency and phase shifting of incoming signal. This effect is herein called telluric "noise" for convenience. This is not meant to imply that geologic features generate noise; rather, the features affect incoming signal so as to make it incoherent or "noisy". One aspect of this "noise" is that it lessens data quality at stations near noisy structures. Other aspects of noise are more thoroughly discussed in sections III and IV.

III. TELLURIC PROFILE RESULTS

A total of eight telluric profiles ~~was~~ WAS measured across the Baca Prospect; locations of profile lines are given in Plate I. The lines varied in length from 1-13 km; seven lines were measured with stations spaced 1,000' apart while the eighth profile, H, utilized 500' stations for greater detail. Data quality throughout the time of the survey was generally good with signals much stronger on the north-south lines than the east-west. (This phenomenon is explained with the magnetotelluric results, Section IV). Data was taken in four discrete frequency bands for all profiles. These bands (8 Hz, .5-2 Hz, .03-.06 Hz, and .008-.045 Hz) provide variable depth recordings beneath each site. Data reduction procedures are outlined in Appendix III.

not included in TLL

Plates II-VII show the results of telluric profiles. On each is indicated all the necessary data for qualitative interpretation, including a topographic profile, a J-value profile and an interpreted subsurface pseudo-section. Faults are noted by their telluric signature as σ (conductive) or ρ (resistive). The scale of these plates is the same as the base map. Topographic corrections were not taken except for a mathematical correction of line lengths; in most cases this is no setback since the correlation between high frequency tellurics and topography is usually apparent, while low frequency telluric-topography corrections are not significant.

A general description of the theory of telluric profiling is given in Appendix IV. Readers unfamiliar with telluric method should study this appendix before reading the interpretation section.

Profile A (Plate II)

Profile A is an east-west line approximately 2 miles long beginning .5 mile south of the Union Oil office near Deer Canyon and ending at the base of Redondo Peak. The profile crosses the southern end of Redondo Border and the flatlands of Banco Bonito. Topographic effects were minimal and data quality was excellent with the exception that 8 Hz data was unobtainable because nearby power lines buried the incoming signal with 60 Hz noise.

The profile (Plate II) gives a good view of structural features along the line. The high frequency data (.5 to 2 Hz) does not correlate with lower frequency data, indicating that it is exclusively sampling shallow, sedimentary features,

and implying that basement is probably deeper than 1 km. The dip in the J values profile seen between Stations 4 and 6 is probably indicative of thickening sediments in Redondo Creek Valley and the abrupt rise near Station 11 is more likely topographic than structural.

The low frequency bands probably give a good cross-section of the basement structure along the profile line. The close correlation between the two low bands implies that the basement itself is fairly homogeneous. One exception to the close correlation occurs at Station 6 where a deep-seated graben fault is encountered. A J value high between Stations 4 and 7 is an indication of the southernmost extension of Redondo Border beneath the sediments, and the striking discontinuity near Station 7 forms the beginning of the Redondo Canyon graben. Profile A suggests that this graben is bordered by steeply-dipping normal faults to the west and a more gradual eastern border near Redondo Peak. Telluric data suggests that basement depth is 3 to 4 times greater in the graben than outside.

Profile B (Plate III)

Profile B is a north-south telluric line 7.5 miles long measured up Redondo Creek Canyon. It begins in Banco Bonito, crosses Redondo Border, and terminates in Valle Seco. The profile was measured up a long, gradual uphill slope where a maximum of 1,500 ft in elevation difference was seen; the effect of this topography on high frequency data is significant. Data quality was generally good though 8 Hz signal was obtainable only after Station 10 because of power line interference. At some stations, the telluric signal contained a large amount of incoherency; this phenomenon causes problems in data reduction but may also be a source of geologic information (see Telluric Noise Analysis).

The interpretation of Profile B data is organized into the following list of observations:

1. A J value low that correlates with the Redondo Canyon graben is evident between Stations 13 and 27 on the three lowest frequency bands. The maximum resistivity contrast is greater than 4 to 1 and the source depth for the low lies between 1 and 4 km. Analyses of low frequency data (.008-.045 Hz) suggests that resistivities increase beneath 4 km. 8 Hz data do not show the graben feature but more or less reflect topography in this region.

2. Several intragraben structures are apparent. Fault or contact zones are likely near Stations 14, 22 and 25 and possibly near Station 16. These faults might be high permeability zones and worthwhile drilling targets.

3. The resistive volcanic structure beneath Redondo Border is seen between Stations 27 and 31. J values here increase to pre-graben values. Additional faulting is seen after Station 31. A low frequency J value anomaly after Station 32 occurs in the topographic high of Redondo Border, implying that this region could have geothermal promise. This possibility needs to be confirmed by additional geophysical detailing and drilling.

4. Between Stations 3 and 10 the telluric signal is distorted by geology on all bands. It is likely that this region either crosses several perpendicular faults or lies in the strike of a parallel NE trending fault zone. Additional evidence of this last possibility is manifest in the abundance of NE trending faults encountered throughout the survey on E-W lines.

5. Quantitative telluric modeling (computer modeling) might be very helpful in delineating the source depths and resistivity contrasts. These models could also be compared with the MT models for a more accurate picture of the structure.

Profile C (Plate IV)

Profile C is a 16-station east-west line that traverses the length of Valle Seco into the Sulfur Creek area. Data was obtained on all four frequency bands and though signals were low, there were no unusual noise problems. Topographic relief was low and corrections are minimal.

The high frequency data bands show little structure along their length and no major change in J value from east to west. This implies that near surface sediments are conductive and uniform in composition.

The low frequency bands are different in character from each other. The .03-.06 band in general reflects features

that the higher bands show, which suggests that basement is either quite deep (greater than 3 km) or that near-surface sediments are very conductive. The .008-.045 band, however, probably does give a rough idea of basement structure along Profile C. It shows that basement rises to the west in several distinct steps located between Stations 4 and 7. These step faults, which have no surface expression, are also evident on profile B, Stations 32-39, and the general strike is probably northeast, parallel to Redondo Border. After Station 7 the .008-.045 profile shows that the depth to basement gradually lessens till the Sulfur Creek area is reached. This basement rise might occur in several distinct steps or as a gradual slope.

The area traversed by this profile shows some geothermal promise. Between Stations 4 and 7 there appears to be a thick blanket of insulating sediments overlying a fractured basement. One interpretation is that this underlying layer of higher conductivity is associated with a higher subsurface temperature.

Profiles D and H (Plate V)

Profiles D and H were measured up Alamo Canyon from the Sulfur Creek area to Redondo Border. Both profiles are 12 stations long but profile H is a line with 500 ft-station spacing over the last 6,000 ft of line D. Data quality was generally good though signals were very low. A zone of high "noise" was encountered near Station 8 of profile D (also Stations 3 and 4 of profile H) where data recording times were necessarily long to extract consistent J values. (The nature or character of this "noise" was not quantitatively analyzed.) The topography was not severe until the easternmost extent of each profile where Redondo Border is encountered; the effect of this topography on the data is not obvious.

A quick glance at Plate V shows that over much of the intersected region the profiles do not match. For example, Profile D shows a single large downdrop structure near Station B while profile H shows a series of fault structures over the same region. The complexity of the region and the large amount of "noise" in the signal make it difficult to distinguish between these two. It is possible that different telluric field polarizations are manifest on the profile data, allowing each to see a different "profile" of a three-dimensional geometry. It is clear that under such complex geologic conditions where multiple fracture patterns may exist, the two-dimensional assumption by which telluric data is reduced breaks down. Under such conditions the quantitative value of telluric data is suspect. Qualitatively the data is useful because it

does not indicate a series of discontinuities near Station 8, profile D, and Stations 3-5, profile H; also, it does show the faulted region as a low resistivity zone at depth. In these major areas both profiles agree.

Evidence of strike-slip faulting is seen near Stations 2 and 5 of profile D. These faults may act as hot water or steam conduits as is probably the case at Station 5, which lies near the Westgate geothermal well. The depth to basement in this area is unknown but telluric profile D suggests that it is no deeper than basement in the Sulfur Creek area and would therefore probaby not contain sufficient thickness of reservoir rock to hold large amounts of geothermal fluid.

Both telluric profiles D and H show faults as abrupt structures that affect only small areas. This implies that these faults trend normal to the profile in an approximately NE direction. To verify this it is necessary to measure another line parallel to line D, which suggests that line E be continued for eight or nine stations.

Profiles F and E (Plate VI)

Line F is a 25 station profile measured up Sulfur Creek beginning near the Highway 4 road cutoff and terminating at the base of Cerro San Antonio. The line crosses over several known hydrothermal zones and hot springs. Profile E is a three-station line measured up Short Canyon; this line was curtailed because of lack of access. Data quality was in general excellent for both lines with all four bands producing good data. Topographic effects were small.

Qualitative interpretation is organized into the following:

1. Profile F trends subparallel to a series of northeast-trending faults. These faults were probably crossed several times and are likely responsible for the Sulfur Springs thermal area.

2. A resistivity low which correlates with the Sulfur Springs hydrothermal area shows up between Stations 10 and 12. The zone is clearly defined and probably extends one or more kilometers in depth with a telluric J value contrast of about 3 to 1. The high frequency data show the greatest J value contrast which implies that much of the hydrothermal phenomenon encountered along this line is near surface.

3. Low frequency data implies that basement depth is shallow, probably fairly level after Station 3 and slightly deeper before 3. There appears to be a resistive plug-like feature between Stations 19 and 22 that might be the substructure of Cerro San Antonio.

4. Profile E is too short to show any significant trends. The profile crosses a fault near Station 2 and it is possible that the same fault is encountered beneath Station 2 of profile D, but with only three stations, this is unclear. This important profile might hold the key for solving the structural puzzle of profile D and should be finished in the future.

Profile G (Plate VII)

Profile G is an 18-station east-west line measured through Jaramillo Creek Canyon beginning just west of Valle Grande and ending near Redondo Border. Signal was good but fairly low in amplitude for all four data bands. The topography is gentle and its effects on any recorded bands are probably insignificant.

The J value plot, Plate VII, shows radically different characteristics for high and low data bands. High frequency data shows resistivities decreasing gradually westward with little interfering structure. This implies that sediments gradually become more conductive or thicker westward, an unexpected phenomenon since the canyon here slopes uphill and sediments are expected to be more resistive.

The low frequency bands exhibit more complex behavior; they might give a rough basement profile. A low resistivity zone encountered between Stations 3 and 6 appears to be fault-controlled and might represent a crushed zone from a normal fault. A resistivity contrast of about 4 to 1 exists here and deserves careful study by other survey methods to determine if the area has significant geothermal potential.

There is also a J value peak between Stations 10 and 12 that might represent a dike-like feature in the basement. But since it is unusual for such a structure to leave high frequency band data undisturbed, alternatively it might represent a basement horst starting with Stations 16 and 17. probable Near Station 17, all frequencies dip considerably, indicating that the profile has crossed into the Redondo Canyon Graben. This point is significant as it places an eastern geographic border to the graben structure.

IV. TELLURIC NOISE ANALYSIS

A plot of natural incoherent noise measured along profile B for the .03-.06 frequency band is given in Plate VIII. The plot is a qualitative analysis of natural noise that interferes with telluric signals.

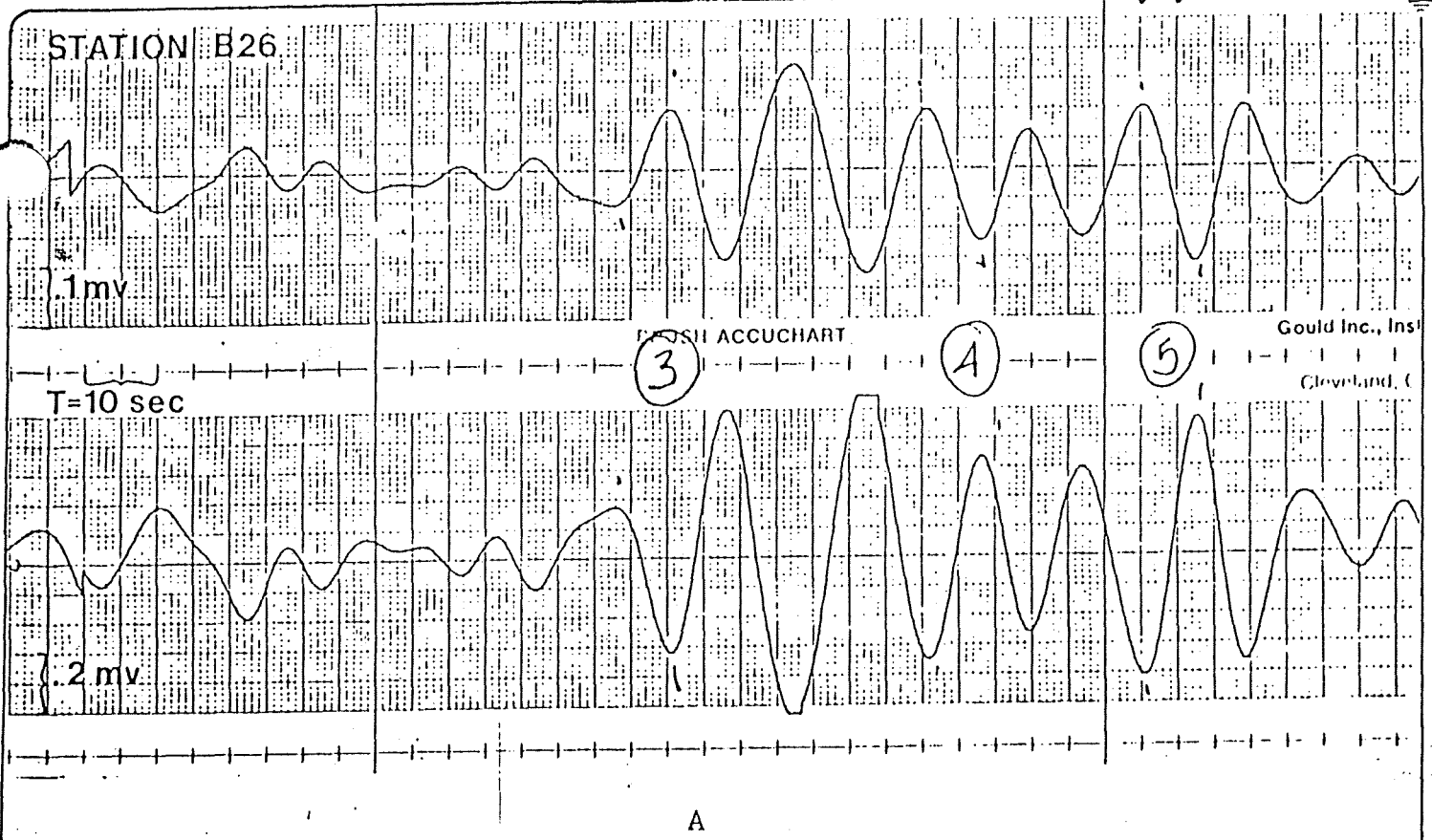
The source for such noise is not clearly defined. High noise could be the result of geologic structures that act as barriers to telluric currents; it could also be directly related to an active hydrothermal system. This short study focusses only on the amplitudes of relative noise affecting telluric profile B of this project.

Noise analysis was performed in the following manner:

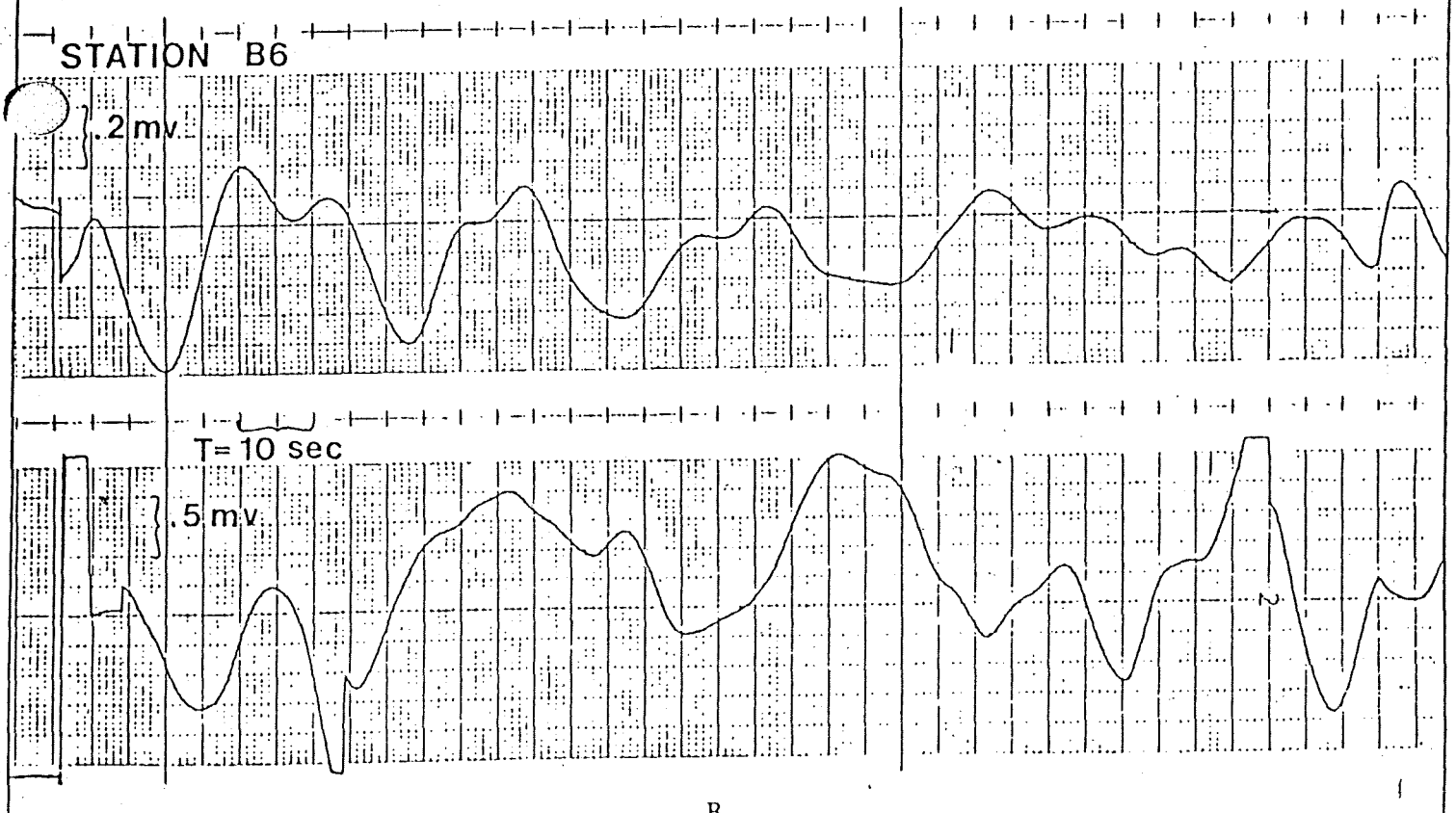
1. System noise, including both instrumentation and electrode noise, is assumed constant. A much longer study is necessary to confirm this assumption since instruments may drift, electrodes change potential with temperature, and changing atmospheric conditions may also induce noise. These effects are assumed small, however, and field experience to some degree justifies this assumption.

2. Noise is defined as incoherency of telluric signal (Figure 2). In other words, when telluric signals are high but still incoherent the noise level must also be high. Conversely, when signal levels are low but coherent, then noise levels are also low. Noise levels are determined by measuring signal levels and qualitatively evaluating the amount of contained noise. The evaluation results from retracing a characteristic normalized segment of signal from the Ex onto the Ey channel and measuring the amount of discrepancy between corresponding waveforms. The noise levels were then ranked as follows:

high noise	$N > 1.$ mvolt
medium noise	.1 mvolt $< N >$ .05 mvolt
low noise	.05 mvolt $< N >$ .02 mvolt
quiet	$N <$ .02 mvolt



A



B

Figure 2. Strip chart records from a quiet (A) and a noisy (B) telluric profile station.

These divisions are more or less arbitrary and the need for quantitative analysis of noise data is obvious. The purpose of this study, however, is simply to identify the noise and attempt to isolate some possible sources.

In most cases high noise was found to correlate with rapid phase changes of telluric signal between the two channels. This suggests that noise highs may be correlated with interfering geologic structures since such structures (i.e., faults or contacts) can phase shift the signal when the source field direction changes because they act as barriers to the flow of current and may reflect or refract incoming signal. This same phenomenon may also be responsible for the highly incoherent signals, hence responsible for high "noise".

A block histogram of noise levels along profile B is shown in Plate VIII. This plot shows several distinct noise highs between Stations 4-8, 18-25, and 30-34. Between Stations 4 and 8 the noise high correlates with a region of complicated structure. The area is severely faulted and also might be the site of a hidden subsurface intrusive (see MT profile B, page 23). This area, located near telluric station #6, was the highest noise reading encountered. Station 6 required 1.5 hours to obtain consistent J-values; this is three times longer than the normal recording time.

Between Stations 18 and 25, telluric data was also very noisy, suggesting that the complicated geologic structure of Redondo Creek Graben significantly disturbs telluric current flow. A noise high between Stations 30 and 34 correlates well with a J-value low and location of probable NE trending faults (see page 8).

V. MAGNETOTELLURIC RESULTS

Twenty-five magnetotelluric sites were occupied in the Baca Prospect in July, 1976. Four additional sites planned will be occupied in December, 1976. Data quality was generally good but signals were low. Interpretable data was extracted from all but three stations (#10, 11, and 13). It was computer analyzed (Appendix III) and evaluated by polarization, apparent resistivity and modeled resistivity values.

Figure 3 is a map of the rotated X-axis for all stations occupied. For stations where the rotated data ensemble was incomplete for modeling (i.e., skewness values were too high), the angle for tensors that did rotate was taken (see Appendix III). Note that there is a 90° ambiguity in evaluating these results. In other words, the rotation separates two orthogonal resistivity curves, strike and dip, but does not say which is which. This may be resolved by comparing curves for adjacent stations that have approximately the same rotated orientations.

In many cases the rotated angle will show fault zones and other lineaments; this has also proven true in the present survey. In general, the X-axes are rotated to follow the canyons, i.e., the rotated X arrow points up or down the canyons. This is expected behavior since many of these canyons are probably either collapse structures or strike-slip fault zones. The best examples of this behavior are up Sulfur Creek Canyon, Alamo Canyon and Valle Seco. The X arrows for stations near the perimeters of the Caldera (MT Stations #25, 24 and 1) tend to follow the boundary, suggesting a ring faulting system there. In Redondo Canyon, there appears to be at least two sets of faults or lineaments. One set trends approximately N25E and another N60E. This dual fault pattern is especially evident near MT Stations 4, 5 and 6, and it is significant that this fault intersection lies in Redondo Creek Graben. Also, at the north side of Redondo Border there apparently lies an intersection of EW and NE trending faults near MT Stations 7, 8, 9 and 10. Because of the thick alluvial cover in this region much of this faulting is not obvious from surface features.

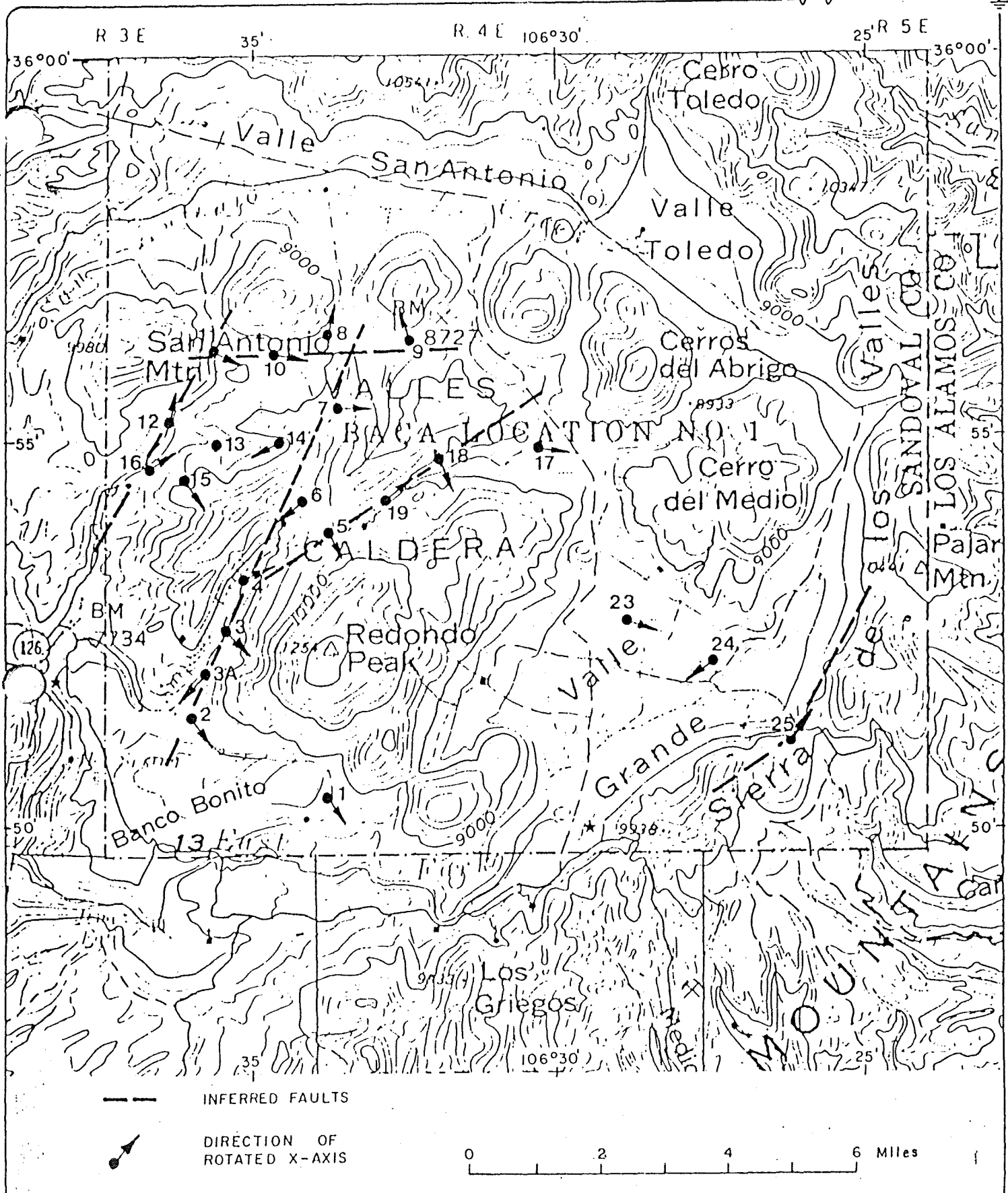


Figure 3. MT station locations.

Model Curves

Two and three-layer model resistivity curves were fit to all apparent resistivity data (Table 1). Rotated data was used to fit most curves but when skewness values were too high (see Appendix III) non-rotated resistivities were used instead.

Since the Valles Caldera is a geologically complex area, layered models are of limited use since the true structure does not even grossly approximate them. The layered interpretations can at best provide a framework, i.e., a range of models where characteristics of the rocks can be inferred:the resistivities must therefore be considered approximate. Examples of the obvious deviations from layering are observed on data plots from several MT stations (#17, 20, 24). On these graphs any possible curve fitting the data points would have a slope exceeding 45°. This is an impossible situation in a layered medium even if the resistivity contrast between layers is infinite.

The curves are most useful in this area when used as a qualitative tool for evaluating resistivity. In other words, they will accurately identify resistors or conductors in a section but the layered interpretation on depths, thicknesses or resistivities of units is not to be trusted. For this reason, a range of models is given for each curve and for the majority of these, only two and three-layer models are given.

STATION	DIRECTION	ROTATION ANGLE	MODEL	CROSSOVER FREQUENCY/ RESISTIVITY	CROSSOVER DEPTH(km)	1ST LAYER RESISTIVITY	1ST LAYER THICKNESS (km)	2ND LAYER RESISTIVITY	2ND LAYER THICKNESS (km)	3RD LAYER RESISTIVITY	3RD LAYER THICKNESS(km)	4TH LAYER RESISTIVITY	4TH LAYER THICKNESS
1	X	120	1:1:3:11/3	.2/13	.300	13	.300	1.3	.090	39	∞		
	Y		1:10	.4/8	.500	8	.500	80	∞				
2	X	143	1:.1:10//1	.29/21	.440	21	.440	2.1	.440	210	∞		
	Y_1		1:.1:3//1	.44/26	.750	24	.750	2.4	.750	72	∞		
3	X	120	1:100	.26/7.5	.300	7.5	.300	750	∞				
	Y		1:100	.27/5.4	.250	5.4	.250	540	∞				
3A	X	245	1:10	.23/6.0	.250	6.0	.250	65	∞				
	Y		1:300	.35/13	.550	13	.550	3900	∞				
3A	X	245	1:100:3/3	.23/6.0	.250	6.0	.250	600	.750	18	∞		
4	X	70	1:30	.25/1.3	.125	1.3	.125	40	∞				
	Y		1:100	.24/2.7	.150	2.7	.150	2700	∞				
5	X	120	1:300:3/7	.25/1.7	.140	1.7	.140	510	1.000	5	∞		
	Y		1:1000:3/10	.32/1.5	.160	1.5	.160	1500	1.600	4.5	∞		
6	X	230	1:100	.42/8.5	.550	8.5	.550	850	∞				
	Y		1:30	.35/1.8	.190	1.8	.190	54	∞				
6	X	230	1:10:300/1	.38/9	.500	9.0	.500	90	.500	2700	∞		
	Y		1:10:300/1	.35/1.8	.190	1.8	.190	18	.190	540	∞		

TABLE 1

STATION	DIRECTION	ROTATION ANGLE	MODEL	CROSSOVER FREQUENCY/ RESISTIVITY	CROSSOVER DEPTH(km)	1ST LAYER RESISTIVITY	1ST LAYER THICKNESS (km)	2ND LAYER RESISTIVITY	2ND LAYER THICKNESS (km)	3RD LAYER RESISTIVITY	3RD LAYER THICKNESS(km)	4TH LAYER RESISTIVITY	4TH LAYER THICKNESS
6	X	230	1:100:10/3	.42/8	.550	8.0	.550	800	1.650	80	∞		
	Y		1:100:3.7	.35/1.8	.190	1.8	.190	180	1.330	0.6	∞		
6	X	230	1:10	.36/9.4	.500	9.4	.500	940	∞				
	Y		1:300	.33/1.5	.175	1.5	.175	450	∞				
6	X	230	1:1000:3/3	.38/9	.500	9.0	.500	9000	1.500	27	∞		
7	X	85	1:10:.1/1	.3/16	.550	16	.550	160	∞				
	Y		1:1000	.28/3.2	.200	3.2	.200	3200	∞				
7	X	85	2:1:3/1	.2/18	.350	36	.350	18	.350	54	∞		
	Y		1:100	.28/4	.200	4.0	.200	400	∞				
7	X	85	1:3:.3/1	.3/19	.550	19	.550	57	.550	6	∞		
8	X	200	1:3:10/3	.32/3	.225	3.0	.225	9.0	.775	30	∞		
	Y		1:10:3/10	.3/5	.300	5.0	.300	50	3.0	15	∞		
8	X	200	1:3	.32/3	.225	3.0	.225	9.0	∞				
	Y		1:10	.3/5	.300	5.0	.300	15	∞				
8	X	200	1:3:100/1	.15/4	.125	4.0	.125	12	.125	400	∞		
	Y		1:3:100/.7	.15/8	.175	8.0	.175	24	.090	800	∞		
8	X	200	1:3:10/.7	.15/4	.125	4.0	.125	12	.875	40	∞		

TABLE 1, cont'd.

STATION	DIRECTION	ROTATION ANGLE	MODEL	CROSSOVER FREQUENCY/ RESISTIVITY	CROSSOVER DEPTH(km)	1ST LAYER RESISTIVITY	1ST LAYER THICKNESS (km)	2ND LAYER RESISTIVITY	2ND LAYER THICKNESS (km)	3RD LAYER RESISTIVITY	3RD LAYER THICKNESS(km)	4TH LAYER RESISTIVITY	4TH LAYER THICKNESS
9	X	160	1:.1:3/.1	.23/3.5	.175	3.5	.175	.35	.020	11	∞		
	Y		1:30:3/.7	.23/2.3	.200	2.3	.200	69.0	.140	.69	∞		
12	X	24	1:30:100/1	.28/1.9	.180	1.9	.180	57	.180	190	∞		
	Y		1:1000:30: 100/.1:1	.21/1.4	.100	1.4	.100	1.4K	.014	42	.14	140	∞
	X		1:10:30/1	.28/1.9	.180	1.9	.180	19	.180	57	∞		
14	X	245	1:3:100/7	.25/12	.275	2	.275	6	1.900	1200	∞		
	Y		1:10	.31/1.0	.125	1.0	.125	10	∞				
14	X	245	1:3:10/.7	.28/11	.400	11	.400	33	.280	110	∞		
	Y		1:30:.3/.7	.27/1.0	.100	1.0	.100	30	.700	.30	∞		
15	X	320	1:30:1000/.1	.38/1.3	.180	1.3	.180	1.3K	.018	39	∞		
	Y		1:30:100/.1	.26/3.3	.180	3.3	.180	330	.018	99	∞		
	Y		1:1:30/.1	.56/2.3	.250	2.3	.250	69	.250	2.3	∞		
	Y		1:10:30/.1	.48/2.1	.280	2.1	.280	63	.280	2.1	∞		
16	X	60	1:3:30/.3	.35/1.9	.200	1.9	.200	5.7	.06	57	∞		
	Y		1:3:300/.3	.35/4.9	.400	4.9	.400	14.7	.12	1470	∞		
	Y		1:10:100/.1	.35/4.9	.300	4.9	.300	49.0	.03	490	∞		

TABLE 1, cont'd.

TABLE 1, cont'd.

STATION	DIRECTION	ROTATION ANGLE	MODEL	CROSSOVER FREQUENCY/ RESISTIVITY	CROSSOVER DEPTH(km)	1ST LAYER RESISTIVITY	1ST LAYER THICKNESS (km)	2ND LAYER RESISTIVITY	2ND LAYER THICKNESS (km)	3RD LAYER RESISTIVITY	3RD LAYER THICKNESS(km)	4TH LAYER RESISTIVITY	4TH LAYER THICKNESS
17	X	103	1:3:.3/7	.3/40	.7 km	40	.700	120	4.9	12	∞		
	Y		1:3:100/.1	.35/28	.800	28	.800	84	.08	2800	∞		
18	X	340	1:10	.26/100	1.000	100	1.000	1000	∞				
	Y		1:3	.39/17	.650	17	.650	50	∞				
18	X	340	1:3:.3/.7	.35/110	1.5	110	1.500	330	1.100	1100	∞		
	Y		1:3:.03/10	.39/17	.65	17	.65	50	6.500	.5	∞		
18	X	340	1:100:10/3	.26/100	1.0	100	1.000	10,000	3.0	1000	∞		
	Y		1:3:.01/10	.39/17	.65	17	.65	50	6.5	17	∞		
18	X	340	1:10:3/3	.26/100	1.0	100	1.000	1000	3.0	300	∞		
	Y		1:3:.001/10	.39/17	.650	17	.650	51	6.5	.017	∞		
	Y		1:3:.01/10	.39/17	.650	17	.650	51	6.5	.17	∞		
19	X	60	1:3:30/1	.31/27	.470	27	.470	8.10	.470	810	∞		
	Y		1:3:30/.1	.19/9.6	.220	9.6	.220	2.88	0.22	288	∞		
	X		1:3:10/.1	.35/29	.700	29	.700	87	.070	290	∞		
	Y		1:3:10/.1	.14/10	.180	10	.180	30	.018	100	∞		
20	X		1:30:300/.1	.32/1.9	.180	1.9	.180	57	.018	570	∞		
	Y		1:300:100/.1	.32/6.4	.270	6.4	.270	1920	.027	640	∞		

STATION	DIRECTION	ROTATION ANGLE	MODEL	CROSSOVER FREQUENCY/ RESISTIVITY	CROSSOVER DEPTH (km)	1ST LAYER RESISTIVITY	1ST LAYER THICKNESS (km)	2ND LAYER RESISTIVITY	2ND LAYER THICKNESS (km)	3RD LAYER RESISTIVITY	3RD LAYER THICKNESS (km)	4TH LAYER RESISTIVITY	4TH LAYER THICKNESS
23	X	120	1:.1:3/.1	.18/14	.3	14	.300	1.4	.030	52	∞		
	Y		1:100:3/.7	.23/10	.3	10	.300	1000	.210	30	∞		
23	X	120	1:.3:10/.7	.45/19	.65	19	.650	57	.500	190	∞		
	Y		1:10	.35/13	.5	13	.500	130	∞				
23	X	120	1:100:3/3	.48/22	.8	22	.800	2200	2.4	66	∞		
	Y		1:100:3/3	.19/21	.375	21	.375	2100	1.10	63	∞		
24	X	230	1:300:10/10	.43/20	.750	20	.750	61000	7.5	200	∞		
	Y		1:300:10/10	.43/20	.750	20	.750	61000	7.5	200	∞		
25	X	25	1:.1:3/1	.21/12	.35	12	.350	1.2	.350	36	∞		
	Y		1:.1:3/3	.22/3	.15	3.0	.150	.3	.450	9.0	∞		
25	X	25	1:.03:.3/3	.21/12	.35	3.0	.350	.100	1.000	1.0	∞		
	Y		1:.03:.3/.1	.22/3	.15	3.0	.150	.100	.015	1.0	∞		
26	X	135	1:10:100/7	.40/1.9	.300	1.9	.300	19	2.1	190	∞		
	Y		1:100:3/3	.45/20	.300	2.0	.300	200	.90	6.0	∞		
	Y		1:300:10/1	.45/20	.300	2.0	.300	600	.30	20	∞		

TABLE 1, cont'd.

VI. TELLURIC-MAGNETOTELLURIC RESULTS

To correlate with telluric profiles B, D, H and G, three magnetotelluric apparent resistivity profiles were drafted from stations located along telluric profile lines. MT data is given in parallel and perpendicular profiles where parallel resistivities are those measured parallel to the profile line, and perpendicular resistivities are orthogonal to the profile line. The parallel profiles are probably more indicative of actual apparent resistivities while perpendicular profiles are more sensitive to interfering structure (see Appendix III). The MT profiles are given in Plates VII-XI. Apparent resistivities are derived from the field data (Appendix I) and profiles are contoured from ten frequency points per station. Geographic correlation of MT and telluric stations along measured lines is shown in Plate I; A combined interpretation is given to T-MT data by area, below.

MT Profile B (Plate IX)

Magnetotelluric profile B, plate IX, consists of seven stations measured up Redondo Canyon. MT data is correlated with telluric data, Plate III, in this interpretation.

Several significant anomalous zones are defined along T-MT profile B. The MT data indicates a resistivity high near Station 3 whereas telluric data shows an abundance of faulting without indicating the resistivity high. The area is severely contorted by faulting as shown in telluric profile B and much of this high might be local channeling but a resistive dike-body is also possible since MT #3 was not measured exactly along the profile line.

A large resistivity low lies between telluric stations 13 and 27 and is covered between MT stations #3 and 7. This region is characterized by anomalous deep and shallow resistivities and an abundance of faulting. MT profile B suggests that much of this structure is controlled by collapse or normal faulting that occurs on several subparallel strikes crossing near MT #4, 7, and 19. The basement offset caused by these structures is unknown and the masking effect of the hydrothermal structures makes it very difficult to be accurately determined. The MT profile also pinpoints locations of several intragraben faults which may serve as plumbing conduits for deep fluid. Locations of intragraben faults probably lie near telluric

stations 17, 22, 24. The nature and offset of these structures is undetermined. Modeled resistivites for deep rocks within the graben are from 2 to 10 ohm-meters which is an accepted value for geothermal reservoir formations. The thickness of this anomalous zone is probably at least 1 km.

MT Profile D (Plate X)

MT profile D (Plate X) is measured up Alamo Canyon parallel with telluric lines D and H. H consists of three widely-spaced MT stations (#12, 14 and 16) and gives a good reconnaissance look at a complicated area. From the combined telluric-MT profiles we can draw the following conclusions on resistivity and structure in Alamo Canyon:

1. The MT and telluric profiles show that structure is very inhomogeneous, especially east of telluric station D8. A number of faults cross profile D here and many of them appear to be northeast-trending structures. Near MT #14 there apparently lies an intersection of a NE and EW trending fault pair that could provide a drilling target.

2. Between telluric stations H2-H12 there lies a low resistivity zone; this is also seen on MT profile D. MT data suggests a 3 to 1 resistivity drop in the area but this should be further investigated since only one MT station (#14) is diagnostic.

3. MT Station #7 shows a low resistivity zone at a fairly shallow depth. In this zone apparent resistivities drop to one ohm-meter but it is unclear whether this effect is stratigraphic or structural.

MT Profile G (Plate XI)

Magnetotelluric line G was measured up Jaramillo Canyon and consists of four MT soundings (Plate XI). The apparent resistivity profile trends parallel to telluric profile G, and major features correlate well between the two.

Apparent resistivities measured parallel to Jaramillo Canyon are moderate to low while perpendicular resistivities are high. This pattern also is shown on MT profile D, indicating that the strike direction is parallel with the valley and that many structures trend perpendicular to the axis of the valley.

The disparity between high and low frequency bands noted on the telluric profile G interpretation (page 11)

is also seen on MT profile G. If near surface sediments are fairly resistive and basement depth is fairly deep, then high and low bands should be expected to yield different results. MT profile G shows that this is most likely the case.

The perpendicular MT profile (Plate XI) probably outlines most of the structure up Jaramillo Canyon and some interesting features are observed. Near MT station 19 resistivities abruptly decrease westward on high and low frequency data implying that a major discontinuity has been crossed. Telluric data agrees with this assertion and furthermore suggests that this boundary is likely to be a high-angle normal fault that could mark the eastern boundary of Redondo Creek Graben.

The resistive body seen near MT #18 on the profile is also shown on telluric profile G. The earlier explanation that this body is a basement horst or a volcanic dike is further supported by the observed high apparent resistivities.

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APPENDIX I

FIELD DATA FOR MAGNETOTELLURIC SOUNDINGS

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.8441	.7721	.6923	355	2	1.9233	2.2767
.026	.0562	.8697	.7995	.6772	381	2	2.4217	2.9866
.026	.0521	.8858	.8125	.6418	411	1	3.4020	4.2884
.027	.0479	.8997	.8225	.5539	447	1	5.6404	7.1009
.038	.0922	.8765	.8399	.4862	232	1	14.7510	15.6500
.041	.0893	.8791	.8560	.5308	240	1	13.3940	13.5550
.043	.0868	.8677	.8516	.5966	247	1	12.0120	12.3300
.047	.0848	.8496	.8153	.6001	252	1	10.6980	10.5830
.059	.1407	.8750	.7340	.3299	153	2	8.3407	7.0833
.064	.1419	.8857	.7225	.3299	151	2	7.2380	5.9884
.072	.1447	.8956	.7380	.4150	148	2	6.8355	5.7012
.083	.1500	.9039	.7703	.5454	144	2	6.8311	6.0151
.089	.2148	.9220	.8177	.7832	100	1	6.7959	6.4825
.102	.2253	.9521	.9148	1.9111	96	1	6.9538	6.5344
.121	.2411	.9616	.9323	1.7832	90	2	7.5892	6.5589
.137	.3278	.9670	.9420	2.0754	66	2	8.2033	6.5655
.147	.2653	.9616	.9311	2.0056	81	2	8.2889	6.5810
.163	.3579	.9557	.9154	2.0217	60	2	8.1696	6.4513
.201	.4018	.9408	.8830	1.6326	54	2	7.2956	5.9878
.208	.5004	.9397	.8792	1.5333	49	2	7.0996	5.8806
.258	.5684	.9315	.8721	1.7054	39	2	6.7645	6.3251
.261	.4694	.9297	.8696	1.7279	46	2	6.6793	6.3385
.318	.7638	.9250	.8596	1.6046	28	2	6.5774	6.8643
.335	.6697	.9192	.8636	1.6639	33	2	6.5235	6.8732
.410	.9027	.9150	.8815	1.6987	24	2	6.5190	7.5044
.461	.8305	.9089	.8673	1.3916	27	2	6.3186	7.9432
.486	1.1657	.9141	.8755	1.5391	20	2	6.4370	8.5153
.558	1.1161	.9098	.8521	1.1746	20	2	6.3256	9.1082
.609	1.4498	.2230	.3076	1.4617	355	3	.8066	1.2344
.614	1.3498	.2820	.3831	1.2916	381	3	1.2590	1.9861
.625	1.2498	.3728	.4840	1.2231	411	3	1.9098	3.1003
.639	1.1498	.4493	.6029	.9684	447	3	2.8357	5.1732
.652	1.4337	.9101	.8973	1.1008	16	2	6.4989	9.7977
.741	1.7793	.9039	.8568	1.1157	13	2	6.4889	9.2664
.816	1.4693	.8918	.8299	1.4392	16	2	6.7308	9.9798
922	2.2128	.7239	.8621	.7266	232	3	8.3094	16.9350
.930	1.8602	.8958	.8221	1.7566	12	2	7.4261	10.8510
.974	2.1438	.5339	.7986	1.4359	240	3	6.2903	12.5570
1.035	2.2770	.8874	.8244	2.2219	11	2	7.8552	12.1980
1.041	2.0830	.5890	.8109	1.1491	247	3	7.2085	14.9190
1.130	2.0343	.6175	.8159	.8936	252	3	8.0828	16.7780
1.132	2.7157	.8728	.8018	2.5285	9	2	8.2639	12.9010
1.407	3.3775	.6198	.8128	.7688	153	2	9.8288	20.2790
1.444	2.5996	.8847	.7681	2.1092	9	2	9.3391	15.9670
1.548	3.4048	.7358	.8647	1.3612	151	3	11.9780	24.5260
1.550	3.1004	.8889	.7740	2.1901	8	2	10.1010	16.7320
1.644	3.6165	.8877	.7696	2.0065	6	2	10.5680	17.3710
1.727	4.1451	.8967	.7630	2.0891	6	2	11.9220	18.7140
1.736	3.9716	.7211	.8568	1.4317	148	2	13.3780	25.8660
1.999	3.5991	.7148	.8503	1.5750	144	2	15.8200	28.1300
2.148	5.1549	.7188	.8473	1.6678	100	2	17.1470	29.2960
2.458	5.4077	.6766	.8258	1.6890	96	2	19.1380	31.7510
2.555	4.5992	.8407	.6864	6.6163	5	2	15.2680	24.9020
2.584	5.1674	.8407	.6864	6.6163	5	2	15.4380	25.1790
2.611	5.7438	.8407	.6864	6.6163	5	2	15.6010	25.4440
2.636	6.3267	.8273	.6824	6.3841	4	2	16.6400	27.6270
2.943	5.7860	.6244	.7961	1.4495	90	2	22.1930	34.8210
2.278	7.2684	.5576	.7694	1.1446	66	3	22.6140	36.7130
3.538	6.3678	.5345	.7549	1.1320	81	3	24.0120	38.5410

Station 1

Station 1, cont'd.

3.904	8.5889	.5117	.7288	1.0662	60	3	25.7720	40.3520
4.147	9.1224	.7111	.6644	1.8786	4	2	17.4980	31.4560
4.306	8.6125	.7111	.6644	1.8786	4	2	18.1710	32.6660
4.521	8.1374	.7111	.6644	1.8786	4	2	19.0770	34.2940
4.822	9.6432	.4140	.6569	1.2069	54	3	29.6960	37.6150
5.004	12.0093	.4122	.6618	1.2553	44	3	31.8800	38.4190
6.200	13.6407	.2771	.6331	.8383	39	3	36.7720	40.9490
6.259	11.2658	.2966	.6224	.8605	46	3	34.1770	42.0410
6.660	3.3298	.7099	.6635	1.8828	6	2	27.9180	50.3620
7.638	18.3298	.2909	.5779	.8549	28	3	40.1640	47.1520
8.036	16.0725	.2458	.5517	.9738	33	3	40.2880	39.3890
9.847	21.6697	.3054	.5009	.6912	24	3	43.0050	33.3500
10.732	5.3662	.6558	.6245	1.3539	3	3	29.3230	91.4070
11.073	19.9318	.4159	.5514	.6051	27	3	38.1220	33.0580
11.483	5.7415	.6558	.6245	1.3539	3	3	31.3740	97.7990
11.657	27.9775	.3901	.5253	.4791	20	3	42.2940	34.1190
12.519	6.2594	.6558	.6245	1.3539	3	3	34.2040	106.6200
13.394	26.7874	.7545	.7781	.7139	20	2	23.3850	55.9110
15.640	34.4080	.8704	.9256	.6847	16	3	15.7900	76.7190
17.793	42.7022	.9575	.9818	.7238	13	3	16.0260	91.6710
19.591	35.2634	.9789	.9883	.6996	16	3	19.1040	93.0310
22.323	44.6499	.9817	.9890	.7182	12	3	22.6270	103.9900
24.840	54.6478	.9801	.9843	.6347	11	3	30.0450	103.7500
27.157	65.1763	.9809	.9813	.6323	9	2	35.6110	96.9930
34.661	62.3908	.9807	.9737	.7700	9	3	23.7150	57.5810
37.205	74.4103	.9836	.9765	.7950	8	3	23.8390	57.7060
39.452	86.7980	.9859	.9798	.8101	6	3	24.1280	58.0500
41.451	99.4827	.9830	.9777	.8366	6	3	18.7900	47.7750
61.323	110.3826	.9910	.9928	.5599	5	3	24.1630	54.0100
62.008	124.0156	.9910	.9928	.5599	5	3	24.9320	54.6130
62.661	137.8512	.9910	.9928	.5599	5	3	24.6890	55.1870
63.267	151.8395	.9926	.9941	.5250	4	3	25.6990	55.1790
99.522	218.9381	.9920	.9920	.2401	4	3	61.7350	78.1160
103.396	206.6927	.9920	.9920	.2401	4	3	64.1100	81.1210
108.495	195.2934	.9920	.9920	.2401	4	3	67.3040	85.1630
159.831	79.9169	.9589	.9574	.1497	6	3	109.9800	139.6100
257.573	128.7880	.8421	.8470	1.3642	3	3	1275.2000	1802.0000
275.588	137.7942	.8421	.8470	1.3642	3	3	1364.4000	1928.0000
300.454	150.2246	.8421	.8470	1.3642	3	3	1487.5000	2102.0000

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

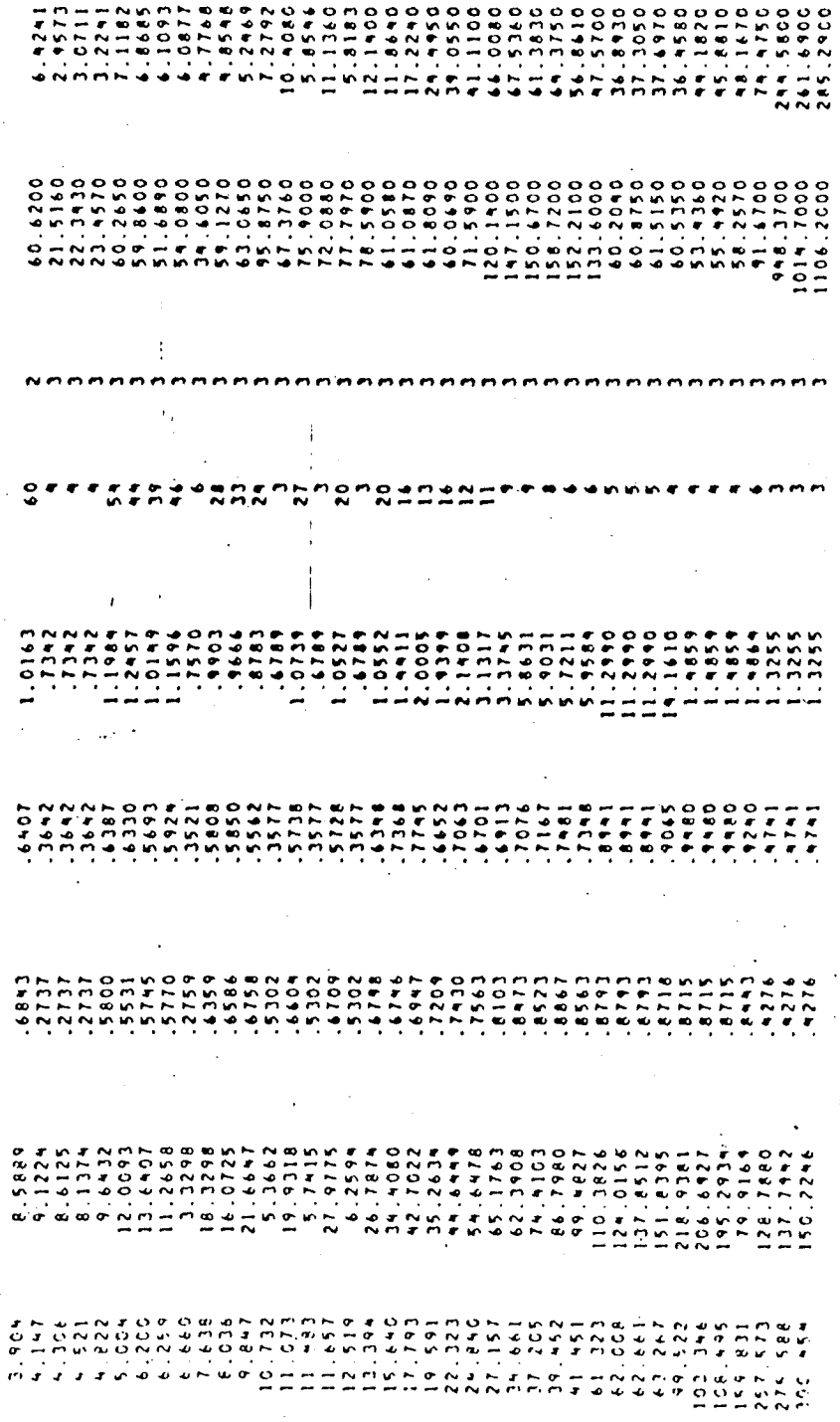
PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.027	.0479	.5539	1	125	28.9990	25.0910	1968.0000	4.4765	3.3379
.038	.0922	.4862	1	125	37.9590	32.0280	2466.7000	11.0710	7.8817
.041	.0893	.5308	1	125	35.3130	30.0810	2151.9000	10.1260	7.3486
.043	.0868	.5966	1	125	31.9260	27.4550	1773.0000	8.8462	6.5419
.059	.1407	.3249	2	125	24.0840	19.7770	798.3900	6.8023	2.5606
.064	.1419	.3299	2	120	21.9670	12.2890	633.4500	6.2236	1.9960
.072	.1447	.4150	2	120	20.2390	11.9320	590.3200	5.9259	1.8904
.083	.1500	.5454	2	125	18.7950	11.6930	488.8900	5.8863	2.2589
11.657	27.9775	.4791	3	110	1.1026	2.1028	5.6375	3.8342	10.3090
61.323	110.3826	.5599	3	110	.9899	2.2606	5.3500	2.9381	62.6790
62.008	124.0156	.5599	3	110	.9899	2.2606	5.3500	2.9709	63.3780
62.661	137.8512	.5599	3	110	.9899	2.2606	5.3500	3.0021	64.0440
63.247	151.8395	.5250	3	110	.9672	2.2355	5.2158	2.7615	63.2360
98.522	218.9381	.2401	3	105	.3295	2.0765	4.9173	2.0954	85.8250
103.346	206.6927	.2401	3	105	.3295	2.0765	4.9173	2.1760	89.1260
108.495	195.2934	.2401	3	105	.3295	2.0765	4.9173	2.2894	93.5670
159.431	79.9169	.1497	3	105	.3209	2.1157	4.5788	3.2821	143.0800

Station 1, cont'd.

45°-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.5805	.6878	.8307	355	3	5.0039	6.3293
.026	.0562	.6843	.7356	.2975	381	2	21.3710	9.8086
.026	.0521	.6913	.7700	.3307	411	2	17.7040	11.8460
.027	.0479	.6917	.7822	.3696	447	2	17.9930	17.7750
.038	.0922	.6338	.6611	.9414	232	2	29.7950	20.1850
.041	.0893	.6724	.7028	1.0985	240	2	27.0210	21.3570
.043	.0868	.6594	.7060	1.0891	247	2	21.6770	19.1740
.047	.0848	.5765	.7164	.8951	252	3	12.6830	19.1700
.054	.1407	.5157	.7624	.4874	153	3	4.2249	19.1370
.064	.1419	.5298	.7774	.4626	151	3	3.9996	18.7550
.072	.1447	.5532	.7968	.4643	148	3	4.1399	18.8970
.083	.1500	.5658	.7967	.4841	149	3	4.9292	19.2710
.089	.2148	.6643	.8007	.7001	100	2	10.0700	20.5750
.102	.2253	.7139	.7937	.8869	96	2	12.7170	18.1650
.121	.2411	.7255	.7612	.8816	90	2	14.2190	17.3060
.137	.3278	.7397	.7441	.7789	66	2	15.7580	16.0560
.147	.2653	.7385	.7329	.7985	81	2	17.0990	15.0670
.163	.3579	.7413	.7236	.8399	60	2	18.6250	15.3540
.201	.4018	.7162	.6720	.7075	54	2	21.9740	13.0000
.208	.5004	.7051	.6638	.6703	44	2	23.0840	12.6370
.258	.5684	.6986	.6167	.5969	39	2	25.0530	11.7070
.261	.4694	.6887	.6224	.6291	46	2	25.6940	11.2110
.314	.7638	.6670	.5881	.9889	28	3	29.5290	9.7260
.335	.6697	.6603	.5555	.9040	33	3	29.6650	8.7865
.410	.9027	.6210	.5230	.3520	24	3	26.9840	7.9067
.461	.8305	.5984	.4600	.3152	27	3	25.6660	7.3829
.486	1.1657	.5900	.4427	.2710	20	3	25.3820	7.7522
.558	1.1161	.6121	.4493	.3392	20	3	27.7340	6.3025
.604	1.4498	.7110	.6813	.9078	355	2	19.6990	6.9016
.614	1.3498	.7474	.7174	.3833	381	2	21.9680	7.3455
.625	1.2498	.7991	.7512	.9180	411	2	23.0140	7.8005
.639	1.1498	.8462	.7643	.3975	447	2	23.3440	7.8567
.652	1.9337	.6100	.9259	.3421	16	3	29.5330	7.0189
.741	1.7793	.5739	.9290	.9900	13	3	28.1180	6.6449
.816	1.9693	.5321	.3659	.9937	16	3	29.5270	9.6410
.922	2.2128	.8999	.8125	.9966	232	1	33.0630	10.1440
.930	1.8602	.9895	.3560	.9678	12	3	31.1880	9.8085
.974	2.1438	.8359	.7853	.9905	240	2	34.9530	9.8701
1.035	2.2770	.9920	.3594	.9529	11	3	32.1920	9.0391
1.041	2.0830	.8505	.7461	.9351	247	2	35.2800	9.7893
1.130	2.0343	.8324	.7510	.9807	252	2	37.0960	10.0220
1.132	2.7157	.9563	.9051	.6015	9	3	34.6530	3.5333
1.407	3.3775	.8262	.7031	.9794	153	2	43.8500	10.3350
1.444	2.5996	.9909	.3967	.2668	9	3	36.2550	3.3980
1.498	3.4048	.8187	.6851	.9814	151	2	47.8910	9.9454
1.550	3.1009	.5009	.3378	.2495	8	3	39.3200	3.7377
1.644	3.6165	.5344	.3225	.2071	6	3	35.7580	3.3725
1.727	4.1451	.9604	.3288	.3233	6	3	43.5460	3.5910
1.736	3.9716	.7952	.6824	.5010	148	2	52.0610	9.7572
1.999	3.5991	.7670	.6652	.5984	144	2	53.1260	8.9888
2.148	5.1549	.7646	.6799	.6209	100	2	56.4750	8.9766
2.458	5.9077	.7231	.6389	.7399	96	2	55.8910	8.0834
2.555	4.5992	.2605	.1715	.3672	5	3	38.2000	3.6368
2.584	5.1674	.2605	.1715	.3672	5	3	38.6260	3.6774
2.611	5.7438	.2605	.1715	.3672	5	3	39.0320	3.7160
2.636	6.3267	.2773	.2047	.3074	4	3	31.2160	3.7746
2.893	5.7860	.7096	.6172	.8336	90	2	59.6990	7.9800
3.278	7.8484	.7200	.5929	.8281	66	3	63.1340	8.2203
3.536	6.3478	.6740	.6159	.9281	81	2	61.5670	6.9406

Station 2



3.904	8.5889	.6843	.6407	1.0163	60	2	60.6200	6.4241
4.147	9.1224	.2737	.3642	.7342			21.5160	2.9573
4.306	8.6125	.2737	.3642	.7342			22.3930	3.0711
4.521	8.1374	.2737	.3642	.7342			23.4570	3.2241
4.222	9.6432	.5800	.6387	1.1984	58		60.2650	7.1182
5.004	12.0093	.5531	.6330	1.2457	44		59.8600	6.8685
6.206	13.6407	.5745	.5693	1.0149	39		51.6890	6.1093
6.259	11.2658	.5770	.5924	1.1596	46		54.0800	6.0877
6.660	3.3298	.2759	.3521	.7570	6		34.6050	4.7768
7.638	18.3298	.6359	.5808	.9903	28		59.1270	9.8548
8.036	16.0725	.6586	.5850	.9664	33		63.0650	5.2469
9.847	21.6647	.6758	.5562	.8783	24		95.8750	7.2792
10.732	5.3662	.5302	.3577	.6789	3		67.3760	10.4086
11.073	19.9318	.6604	.5738	1.0739	27		75.9000	5.8546
11.433	5.7415	.5302	.3577	.6789	3		72.0880	11.1360
11.657	27.9775	.6709	.5728	1.0527	20		77.7970	5.8183
12.519	6.2594	.5302	.3577	.6789	3		78.5900	12.1400
13.394	26.7874	.6798	.6348	1.0552	20		61.0580	11.8640
15.646	34.4080	.6746	.7368	1.4911	16		61.0870	17.2240
17.793	42.7022	.6947	.7795	2.0005	13		61.8090	24.4950
19.591	35.2634	.7209	.6652	1.9399	16		60.0690	39.0550
22.323	44.6449	.7430	.7063	2.1408	12		71.5900	41.1100
24.846	54.6478	.7563	.6701	3.1317	11		120.1400	66.0080
27.157	65.1763	.8103	.6913	3.3745	9		147.1500	67.5360
34.661	62.3908	.8473	.7076	5.8631	9		150.6700	61.3830
37.205	74.4103	.8523	.7167	5.9031	8		158.7200	69.3750
39.452	86.7980	.8867	.7481	5.7211	8		152.2100	56.8610
41.451	99.4027	.8563	.7348	5.9584	6		133.6000	47.5700
61.323	110.3826	.8793	.8941	11.2990	5		60.2040	36.8930
62.068	124.0156	.8793	.8941	11.2990	5		60.8750	37.3050
62.661	137.8512	.8793	.8941	11.2990	5		61.5150	37.6970
63.247	151.8395	.8718	.9065	14.1610	4		60.5350	36.4580
99.422	218.9381	.8715	.9480	1.4859	4		53.4360	44.1820
102.346	206.6927	.8715	.9480	1.4859	4		55.4920	45.8810
108.435	195.2934	.8715	.9480	1.4859	4		58.2570	48.1670
159.831	79.9169	.8443	.9240	1.9864	6		91.6700	74.4750
257.573	128.7880	.4276	.4741	1.3255	3		948.3700	244.5800
274.588	137.7942	.4276	.4741	1.3255	3		1014.7000	261.6900
300.454	150.7246	.4276	.4741	1.3255	3		1106.2600	285.2900

Station 2, cont'd.

Station 2, cont'd.

...TERED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	PX	PY
[illegible]	.0562	.2975	2	133	45.5560	23.8140	2642.5000	10.6110	2.8995
[illegible]	.0521	.3307	2	138	40.8810	29.3060	2530.1000	8.7031	4.4723
[illegible]	.0479	.3696	2	138	38.6730	38.5270	2980.0000	7.9614	7.9015
[illegible]	.1407	.4874	3	153	5.8952	31.4330	1022.8000	.4076	11.5860
[illegible]	.1419	.4626	3	153	5.5868	30.2610	946.9100	.4025	11.8100
[illegible]	.1447	.4643	3	153	5.5700	29.3140	890.3400	.4488	12.4300
.083	.1500	.4841	3	153	6.0064	27.2060	776.2500	.6011	12.3330
[illegible]	.5684	.5969	2	138	14.9370	7.5328	279.8500	11.5280	2.9318
.318	.7638	.4889	3	138	14.3030	5.9795	240.3300	13.0200	2.2756
.335	.6697	.4040	3	138	14.0230	5.3104	224.8600	13.1700	1.8885
.410	.9027	.3520	3	143	11.5280	4.5452	153.5500	10.9050	1.6953
[illegible]	.8305	.3152	3	138	10.9200	3.6859	132.8300	11.0030	1.2536
.486	1.1657	.2710	3	138	10.3980	3.6570	121.4800	10.5020	1.2991
[illegible]	1.1161	.3392	3	143	9.7914	3.0598	105.2300	10.7010	1.0459
.604	1.4498	.4078	2	143	8.6986	4.6606	96.5200	9.0367	2.6292
.614	1.3498	.3833	2	143	9.4411	4.9912	114.0500	10.9370	3.0569
.625	1.2498	.4180	2	143	10.2760	5.3262	133.9600	13.1970	3.5454
.639	1.1498	.3975	2	143	10.9660	5.4731	150.2100	15.3640	3.8269
.652	1.4337	.3421	3	143	8.7870	2.7528	84.7890	10.0630	.9876
.741	1.7793	.4900	3	143	7.5269	2.3925	62.3710	8.3991	.8487
.814	1.9693	.4937	3	143	7.0799	1.6890	52.9770	8.1833	.4657
.922	2.2178	.4466	1	143	11.0750	5.5990	154.0100	22.6180	5.7858
.930	1.8602	.4678	3	138	6.7439	1.5189	47.7880	8.4605	.4292
.974	2.1438	.4405	2	143	10.8910	5.2415	146.0900	23.1170	5.3541
1.035	2.2770	.4529	3	138	7.4365	1.6303	57.9600	11.4480	.5502
1.041	2.0830	.4351	2	143	10.9050	4.7836	141.8100	24.7730	4.7665
1.120	2.0343	.4807	2	143	10.5800	4.6744	133.7800	25.2990	4.9389
1.207	3.3775	.4794	2	138	10.3910	3.9293	123.4200	30.3910	4.3453
1.[illegible]	2.5996	.2668	3	138	6.6553	1.2298	45.8050	12.7940	.4369
1.[illegible]	3.4048	.4814	2	138	10.3320	3.6116	119.7800	33.0390	4.0373
1.[illegible]	3.1004	.2495	3	133	6.7951	1.2138	47.6470	14.3160	.4568
1.[illegible]	3.6165	.2071	3	133	6.7332	1.0231	46.3830	14.9050	.3441
1.727	4.1451	.3233	3	133	5.9188	1.0078	36.0480	12.1010	.3508
1.736	3.4716	.5010	2	138	9.8318	3.4539	108.5900	33.5580	4.1414
1.[illegible]	3.5991	.5984	2	138	9.0014	2.9945	89.9920	32.4020	3.5659
2.[illegible]	4.[illegible]	.3672	3	128	2.6912	.2132	7.2877	3.7010	.0292
2.[illegible]	5.1674	.3672	3	128	2.6912	.2132	7.2877	3.7423	.0295
2.[illegible]	5.7438	.3672	3	128	2.6912	.2132	7.2877	3.7816	.0297
2.[illegible]	6.3267	.3074	3	128	2.5623	.2259	6.6165	3.9614	.0269

NON ROTATED APPARENT RECTIVITIES

PERIOD	BANDWIDTH	FX PRED FX	FY PRED FY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT FX	APPARNT FY
025	[illegible]	.8339	.8069	.2061	178	1	.6977	1.2494
026	.1542	.8707	.8455	.2289	191	1	1.0328	1.4159
026	.1525	.8981	.8169	.2015	206	1	1.5496	1.7392
027	.1479	.9315	.8533	.2307	224	1	2.8842	2.6018
034	.0922	.8755	.8645	.4185	117	1	9.4346	5.2125
041	.0853	.8801	.8834	.4319	121	1	8.4492	5.5524
043	.0847	.8992	.9158	.4549	124	1	8.0342	5.8226
047	.0847	.9158	.9273	.4189	127	1	7.6403	5.7777
059	.1407	.9569	.9640	.5014	77	1	7.6488	6.3608
064	.1418	.9687	.9153	.5579	76	2	6.9022	5.5528
072	.1446	.9744	.9027	.5067	75	2	6.9906	5.3148
083	.1499	.9798	.8910	.4752	72	2	7.8137	5.3599
089	.2147	.9837	.8798	.4539	50	2	8.1288	5.3155
102	.2252	.9818	.9141	.5060	98	2	9.7683	7.1093
120	.2410	.9748	.9058	.4152	95	2	12.5620	7.5966
137	.3277	.9766	.9212	.3806	39	2	14.8470	9.2315
147	.2652	.9772	.9449	.3289	41	2	15.6510	10.0170
163	.3577	.9798	.9563	.2973	31	2	17.4080	10.6930
201	.4916	.9846	.9784	.3654	28	2	21.0210	11.6780
208	.5002	.9885	.9812	.3700	22	2	21.4110	11.8040
258	.5681	.9877	.9773	.4076	20	2	27.3220	11.9870
261	.4492	.9837	.9794	.4545	29	2	26.5630	11.9450
316	.7634	.9877	.9768	.6892	15	3	30.9480	12.6690
335	.6693	.9847	.9789	.7581	17	3	32.4910	13.1450
410	.9023	.9751	.9876	1.0144	12	2	34.7520	15.2420
461	.8301	.9822	.9816	1.1609	14	2	36.9980	14.2890
485	1.1651	.9838	.9833	1.4369	10	2	37.3600	14.8660
558	1.1156	.9894	.9872	1.1945	10	3	44.4860	15.1880
603	1.4481	.4369	.5176	.8006	178	3	407.0400	291.5100
613	1.3493	.4539	.5132	.7303	191	3	456.5500	308.5200
624	1.2484	.5091	.5105	.6836	206	3	548.5500	307.7500
638	1.1446	.5117	.5430	.6053	224	3	585.5300	345.1100
651	1.4030	.9904	.9922	1.2661	9	3	53.2550	17.1720
741	1.7784	.9908	.9936	1.7421	7	3	59.0130	19.0100
816	1.4646	.9642	.9930	1.5488	8	2	62.1290	21.2720
921	2.2103	.5201	.5918	.8742	117	3	729.2500	630.2400
930	1.6593	.9620	.9909	.8326	7	3	63.5120	24.4660
973	2.1413	.5293	.5860	.9059	121	3	785.1700	641.6700
1.035	2.2759	.9603	.9912	.8400	6	3	62.0710	26.8800
1.040	2.0804	.5272	.5986	1.2116	124	3	867.7700	645.9300
1.129	2.0320	.5141	.5885	1.3305	127	3	893.8800	691.5300
1.131	2.7194	.9598	.9886	.7440	5	3	65.1290	28.2620
1.406	3.3736	.5221	.5750	2.3488	77	3	1062.2000	749.3700
1.444	2.5983	.8740	.9775	2.0819	5	2	56.3240	26.5600
1.546	3.4004	.5228	.5717	5.9823	76	3	1137.3000	787.2400
1.549	3.0989	.8910	.9756	2.2054	4	2	56.0580	43.2960
1.643	3.6147	.8730	.9802	2.8671	3	2	51.3310	45.5530
1.726	4.1430	.9134	.9852	1.9636	4	1	75.1220	44.8030
1.734	3.4678	.5062	.5694	3.6704	75	3	1218.0000	881.1900
1.997	3.5951	.5064	.5727	3.9057	72	3	1273.2000	1039.7000
2.146	5.1491	.4986	.5747	2.9880	50	3	1340.0000	1147.1000
2.455	5.4016	.4896	.5973	1.2391	98	3	1242.4000	1522.9000
2.554	4.5971	.7584	.9630	.7902	3	2	112.0700	86.8880
2.890	5.7797	.4930	.6163	.9947	45	3	1201.4000	2034.5000
3.275	7.8592	.4694	.6141	.5275	34	3	1121.7000	2254.9000
3.534	6.3605	.4773	.6186	.8094	41	3	1131.2000	2377.1000
3.900	8.5785	.4640	.6136	.7619	31	3	1176.4000	2399.4000
4.132	2.0659	.7728	.9541	.5614	5	2	168.6500	106.2700
4.253	2.1263	.7728	.9541	.5614	6	2	173.5600	109.3700

Station 3

4.361	2.1805	.7249	.9627	.4337	9	2	163.8300	104.8100
4.616	9.6339	.4494	.5933	.6491	28	3	1223.0000	2676.5000
4.994	11.9957	.4655	.6047	.7066	22	3	1356.8000	3115.5000
5.193	13.6253	.4494	.5647	.5688	20	3	1056.6000	3292.5000
6.252	11.2532	.4561	.5702	.5439	24	3	1030.8000	3152.4000
7.072	3.5362	.7044	.9440	2.1014	3	3	86.7810	146.1800
7.629	18.3093	.4490	.5593	.4438	15	3	789.9500	3157.3000
8.027	16.0542	.4376	.5557	.4219	17	3	649.0200	2879.9000
8.837	21.6403	.4236	.5394	.4659	12	3	476.5500	2039.9000
11.061	19.9092	.4176	.4853	.4068	14	3	465.1600	1228.4000
11.644	27.9455	.4136	.4766	.4642	10	3	489.6900	1139.2000
13.379	26.7573	.4287	.4868	.7356	10	3	587.4300	1427.9000
15.673	34.3702	.4087	.4073	.7075	9	3	568.4800	1653.2000
17.777	42.6548	.3804	.3627	.5527	7	3	626.2900	2206.9000
19.569	35.2237	.3390	.3278	.3219	8	3	676.6600	2106.5000
22.298	44.5951	.3795	.3803	.2469	7	3	742.2500	2388.0000
24.812	54.5881	.4613	.4137	.3618	6	3	576.7800	1176.4000
27.127	65.1042	.4689	.4271	.3773	5	3	646.2300	1225.8000
34.622	62.3208	.5883	.6057	.4205	5	3	1015.4000	1577.3000
37.162	74.3273	.6112	.6290	.4685	4	2	980.4200	1569.3000
39.407	86.7002	.6193	.6320	.4877	3	2	1087.8000	1435.8000
41.403	99.3641	.6220	.6465	.1971	4	2	952.4900	1847.8000
61.258	110.2584	.6210	.6170	.7493	3	2	1942.0000	3120.7000
99.044	48.5491	.5400	.5281	.6631	5	3	3265.5000	5631.1000
101.996	50.9970	.5400	.5281	.6631	5	3	3361.0000	5795.7000
104.598	52.2985	.5213	.5053	.7674	4	3	3304.2000	5812.7000
169.677	84.8104	.5612	.5469	2.1591	3	3	6762.1000	9196.8000

Station 3, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	0604	.2061	1	119	9.6683	12.8190	257.8000	.4703	.8265
.026	0562	.2289	1	121	11.9560	13.8750	335.4400	.7305	.9838
.026	.0525	.2015	1	120	15.3460	14.7090	451.8700	1.2258	1.1262
.027	.0479	.2307	1	122	21.6990	18.9200	810.1500	2.5051	1.8053
.028	.0422	.4185	1	121	31.4480	23.4020	1536.6000	7.5950	4.2057
.041	.0843	.4319	1	121	28.9850	23.8120	1407.1000	6.8187	4.6020
043	.0847	.4549	1	121	27.7470	24.1050	1350.9000	6.6786	5.0407
047	.0847	.4189	1	122	26.9400	23.1650	1235.7000	6.5804	5.0512
.055	1407	.5014	1	121	24.7720	22.6130	1125.0000	7.1926	5.9936
.064	.1418	.5573	2	121	22.9620	20.0930	931.0000	6.7969	5.2042
072	.1446	.5067	2	122	21.8510	18.9520	817.9500	6.9035	4.9225
.083	1499	.4752	2	122	21.9920	17.0300	751.9100	7.6926	4.8301
.089	.2147	.4539	2	123	21.0960	16.4990	717.2700	7.9621	4.8702
102	.2252	.5060	2	122	21.7400	17.9270	794.0200	9.6764	6.5798
120	.2410	.4152	2	121	22.7100	17.1600	810.2000	12.4280	7.0954
.137	.3277	.3806	2	122	22.9630	18.1360	856.2300	14.3990	8.9817
.147	.2652	.3369	2	123	22.5190	18.7210	857.5600	14.9420	10.3270
.163	.3577	.2973	2	122	22.6950	18.6110	859.1800	16.6750	11.2630
201	.4016	.3654	2	123	22.4760	18.1170	833.3900	20.2880	13.1620
204	.5002	.3700	2	123	22.1320	18.0770	816.6400	20.4160	13.6200
258	.5481	.4076	2	122	22.7190	15.9880	771.7800	26.6560	13.2010
.261	.4692	.4545	2	122	22.0730	16.0650	745.3000	25.3990	13.4540
4.132	2.0659	.5819	2	113	9.6617	11.0140	143.0400	17.9550	100.2500
4.253	2.1263	.5819	2	113	9.6617	11.0140	143.0400	18.4830	103.1800
4.361	2.1805	.4337	2	110	2.8999	10.8470	126.0600	7.3346	102.6200
6.193	13.6253	.5684	3	109	8.4017	30.6470	1009.8000	87.4350	1163.4000
6.257	11.2532	.5439	3	109	8.0113	30.2080	976.7100	80.2480	1141.0000
7.624	18.3093	.4458	3	108	6.0192	27.1370	772.6500	55.2800	1123.6000
8.027	16.0542	.4214	3	108	4.9258	24.8780	643.2000	39.0010	993.6200
9.837	21.6403	.4659	3	107	2.9380	18.4520	349.1300	16.9810	669.8500
11.061	19.4092	.4068	3	104	2.6486	12.7440	169.4300	15.5160	259.2800
11.644	27.9465	.4642	3	104	2.2246	11.6440	140.5400	11.5250	315.7700
17.777	42.6542	.5527	3	104	3.9028	9.6047	107.4800	54.1420	327.4100
19.563	35.2237	.3214	3	105	3.1556	8.2993	78.8370	38.9740	269.5800
22.298	44.5451	.2469	3	102	3.0458	9.4412	98.4130	41.3710	397.5000
24.812	54.5841	.2618	3	100	2.3960	6.8925	53.2470	28.4690	235.7500
27.127	65.1042	.3773	3	99	2.3881	7.0540	55.4620	30.9410	269.4600
34.622	62.3205	.4205	3	138	6.3607	5.2309	67.8210	280.1600	189.4700
37.162	74.3273	.4685	2	139	6.1642	5.0040	63.2840	284.2500	186.1100
39.407	86.7002	.4577	2	138	6.0949	4.8359	60.5340	292.7800	184.3200
41.403	99.3641	.1971	2	134	6.3518	5.3477	75.7150	374.0900	292.3400

Station 3, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.8168	.8281	.1481	355	2	1.0364	2.0949
.026	.0562	.8579	.8728	.1232	381	2	1.2922	2.7314
.026	.0521	.8893	.9073	.1219	411	1	1.7883	3.7186
.027	.0479	.9085	.9207	.1498	447	2	2.9042	6.7709
.038	.0922	.8779	.8875	.1766	232	1	8.9653	16.1840
.041	.0893	.8395	.9047	.3666	240	1	7.5567	13.9980
.043	.0868	.8650	.9115	.2891	247	1	7.3716	13.0670
.047	.0848	.8762	.9141	.2672	252	1	7.2052	12.8760
.059	.1407	.9295	.9488	.2618	153	1	7.2513	12.3920
.064	.1419	.9528	.9403	.1873	151	1	7.2929	12.1970
.072	.1447	.9594	.9438	.2341	148	1	7.4895	12.5240
.083	.1500	.9617	.9491	.2709	144	1	7.9961	13.8100
.089	.2148	.9627	.9463	.3337	100	1	8.1774	14.7630
.102	.2253	.9747	.9732	.4855	96	1	8.8006	15.3920
.121	.2411	.9779	.9788	.5276	90	1	10.2510	17.9020
.137	.3278	.9811	.9805	.5354	66	1	11.6090	19.9520
.147	.2653	.9761	.9788	.5705	81	1	12.1890	21.2130
.162	.3579	.9742	.9793	.6530	60	1	12.9330	23.3780
.201	.4018	.9639	.9726	.7542	54	1	14.1320	26.6590
.208	.5004	.9654	.9739	.7229	44	1	14.2770	27.1940
.258	.5684	.9566	.9710	.7035	39	1	16.2590	32.2190
.261	.4694	.9575	.9709	.6897	46	1	16.0390	32.6850
.318	.7638	.9582	.9748	.6121	28	2	17.2250	38.7050
.335	.6697	.9617	.9773	.6009	33	1	17.0930	38.6830
.410	.9027	.9595	.9838	.5447	24	1	18.1960	43.9190
.461	.8305	.9571	.9838	.4724	27	1	17.9190	47.5800
.486	1.1657	.9563	.9834	.4791	20	1	18.6230	49.8210
.558	1.1161	.9557	.9831	.4912	20	1	18.5770	54.9110
.604	1.4498	.9061	.9189	.3382	355	1	15.2860	50.1270
.614	1.3498	.9381	.9359	.3351	381	1	15.8180	53.1820
.625	1.2498	.9568	.9513	.3666	411	1	16.2650	54.6900
.639	1.1498	.9718	.9615	.3839	447	1	15.9870	57.6500
.652	1.4337	.9603	.9816	.4035	16	1	18.7750	61.5240
.741	1.7793	.9585	.9833	.3094	13	1	19.6650	66.6700
.816	1.4693	.9403	.9845	.3291	16	1	20.5010	72.8820
.922	2.2128	.9824	.9668	.4110	232	1	19.5850	81.9970
.930	1.8602	.9319	.9858	.3230	12	1	22.4290	79.9260
.974	2.1438	.9808	.9634	.4086	240	1	19.6700	83.3060
1.035	2.2770	.9270	.9843	.3365	11	1	23.2030	86.1190
1.041	2.0839	.9798	.9641	.3934	247	1	19.8990	91.2060
1.130	2.0343	.9787	.9668	.3975	252	1	20.1790	99.0070
1.132	2.7157	.9315	.9871	.3618	9	1	23.6770	92.5680
1.407	3.3775	.9837	.9724	.4089	153	1	22.4920	120.9750
1.444	2.5996	.9097	.9869	.3592	9	1	25.3670	123.3400
1.548	3.4048	.9832	.9773	.3997	151	1	23.0670	130.3300
1.550	3.1004	.9095	.9872	.3646	8	1	27.0960	132.4000
1.644	3.6165	.9016	.9878	.3597	6	1	28.0350	141.8500
1.727	4.1451	.7493	.9874	.3841	6	2	44.3320	147.2300
1.736	3.4716	.9797	.9798	.4220	148	1	23.6500	139.4800
1.999	3.5991	.9523	.9823	.4462	144	1	26.2900	155.7700
2.148	5.1549	.9565	.9846	.4624	100	1	26.5950	169.0000
2.458	5.4077	.7627	.9858	.4744	96	2	44.8260	178.3100
2.555	4.5992	.4701	.9737	.5260	5	3	187.8400	195.7800
2.584	5.1674	.4701	.9737	.5260	5	3	189.9400	197.9600
2.611	5.7418	.4701	.9737	.5260	5	3	191.9300	200.0400
2.636	6.3267	.4542	.9730	.6023	4	3	221.6300	196.8400
2.893	5.7860	.7318	.9857	.4887	90	2	51.9750	198.9500
3.278	7.8684	.6628	.9858	.4981	66	2	60.8270	212.1500
3.538	6.3678	.7126	.9849	.5106	81	2	55.7820	221.1500

Station 3A

3.904	8.5889	.8991	.9841	.5287	60	2	33.2820	236.2400
4.147	9.1224	.4828	.9749	.3763	4	3	103.0100	261.8300
4.306	8.6125	.4828	.9749	.3763	4	3	106.9700	271.9000
4.521	8.1374	.4828	.9749	.3763	4	3	112.3000	285.4500
4.822	9.6432	.9319	.9793	.6115	54	2	29.3160	253.8800
5.004	12.0093	.9389	.9795	.6285	44	2	29.2390	257.2300
6.200	13.6407	.9350	.9690	.6815	39	2	29.0250	280.3100
6.259	11.2658	.9357	.9663	.6716	46	2	29.0460	280.0000
6.660	3.3298	.4782	.9728	.3725	6	3	166.5200	421.8500
7.638	18.3298	.9380	.9573	.7343	28	3	30.0760	314.3900
8.036	16.0725	.9316	.9487	.7409	33	3	29.0040	304.2300
9.847	21.6647	.8927	.9173	.8482	24	3	31.2260	328.0800
10.732	5.3662	.1739	.9286	.3798	3	3	157.6400	668.2500
11.073	19.9318	.8295	.8774	.9033	27	3	24.4740	301.5200
11.483	5.7415	.1739	.9286	.3798	3	3	168.6600	714.9900
11.657	27.9775	.8072	.8525	.9270	20	3	24.5530	301.3300
12.519	6.2594	.1739	.9286	.3798	3	3	183.8800	779.9800
13.394	26.7874	.7599	.8636	.9439	20	2	19.1920	336.6800
15.640	34.4080	.8209	.8703	.9916	16	2	18.7600	384.3300
17.793	42.7022	.8315	.8851	.9239	13	2	18.5930	427.8400
19.591	35.2634	.9088	.9385	1.0893	16	3	18.1620	586.0300
22.323	44.6449	.9136	.9485	1.2553	12	3	19.3480	584.7800
24.840	54.6478	.9315	.9487	1.3228	11	3	19.4510	623.0300
27.157	65.1763	.9407	.9551	1.3714	9	3	20.1590	705.3700
34.661	62.3908	.9202	.9459	1.5495	9	3	19.5870	477.2300
37.205	74.4103	.9209	.9480	1.4999	8	3	20.1770	487.6900
39.452	86.7980	.9207	.9477	1.5793	6	3	20.7090	487.8000
41.451	99.4827	.9393	.9656	1.7113	6	3	18.5740	497.5300
61.323	110.3826	.9799	.9853	1.0936	5	3	13.3220	598.2800
62.008	124.0156	.9799	.9853	1.0936	5	3	13.4710	604.9600
62.661	137.8512	.9799	.9853	1.0936	5	3	13.6120	611.3200
63.267	151.8395	.9804	.9862	1.1255	4	3	13.7340	621.2100
99.522	218.9381	.9695	.9849	1.4395	4	3	16.1470	708.9200
103.396	206.6927	.9695	.9849	1.4395	4	3	16.7680	736.1900
108.495	195.2934	.9695	.9849	1.4395	4	3	17.6040	772.8700
149.831	79.9169	.9546	.9708	1.3965	6	3	27.1090	1188.2000
257.573	128.7880	.8100	.8409	.6700	3	3	149.9000	8849.8000
275.588	137.7942	.8100	.8409	.6700	3	3	154.5000	9463.9000
300.454	150.2246	.8100	.8409	.6700	3	3	168.9900	10317.0000

Station 3A, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0604	.1981	2	245	12.2690	16.1200	410.8800	.7602	1.3081
.026	.0562	.1232	2	245	14.2370	19.1670	570.0700	1.0364	1.8723
.026	.0521	.1219	1	245	17.1230	23.1340	828.3700	1.5268	2.7864
.027	.0479	.1498	2	245	21.8090	31.0160	1437.7000	2.5320	5.1209
.028	.0922	.1766	1	245	30.1650	39.1950	2496.2000	6.9915	11.6030
.041	.0893	.3666	1	245	25.0150	35.5000	1886.0000	5.0814	10.2340
.043	.0868	.2891	1	245	25.1730	33.7340	1771.7000	5.4997	9.8766
.047	.0898	.2672	1	245	24.3920	32.2340	1631.6000	5.5805	9.7657
.059	.1907	.2618	1	245	23.2890	29.9920	1409.2000	6.3606	10.1650
.064	.1419	.1873	1	245	23.0190	27.7190	1298.3000	6.8340	9.9095
.072	.1447	.2391	1	245	22.2470	26.5260	1198.5000	7.1593	10.1780
.083	.1500	.2709	1	245	21.6000	25.9400	1139.4000	7.7738	11.2120
.089	.2148	.3337	1	245	21.1910	25.8050	1112.8000	7.9998	11.9190
.102	.2253	.4855	1	245	20.9410	25.4640	1066.3000	8.5591	13.2810
.121	.2411	.5276	1	245	20.2410	25.5510	1062.6000	9.8777	15.7390
.137	.3278	.5354	1	245	20.3900	25.9890	1063.4000	11.3030	17.7500
.147	.2653	.5705	1	245	20.0300	25.1810	1035.3000	11.8270	18.6930
.410	.9027	.5997	1	245	14.5700	21.1580	659.9400	17.4200	36.7270
.461	.8305	.4724	1	245	13.6330	20.9710	625.6600	17.1500	40.5640
.486	1.1657	.4791	1	245	13.5190	21.0220	624.5700	17.7410	42.9320
.552	1.1161	.4412	1	245	12.6510	20.4550	578.4700	17.8650	46.7000
.609	1.4498	.3382	1	245	10.2450	17.8960	425.2200	12.6800	38.6910
.619	1.3998	.3351	1	245	10.6960	18.6390	461.8200	14.0380	42.6300
.625	1.2498	.3666	1	245	10.9520	19.3500	494.3500	14.9900	46.7930
.639	1.1498	.3839	1	245	11.0170	19.4840	500.9900	15.5070	48.4970
.652	1.4337	.4035	1	245	11.8080	20.2450	549.3000	18.1730	53.9200
.741	1.7793	.3044	1	245	11.3120	20.0520	530.0400	18.9740	59.6160
.816	1.9493	.3291	1	245	10.7410	19.8420	509.0700	18.8360	64.2740
.922	2.2128	.4110	1	245	10.2600	19.9870	504.7500	19.4130	73.6620
.930	1.8602	.3230	1	245	10.4200	19.6610	495.1300	20.1970	71.9080
.974	2.1938	.4086	1	245	9.9792	19.8230	492.5400	19.4080	76.5820
1.035	2.2770	.3365	1	245	10.0170	19.6210	485.3100	20.7690	79.6910
1.041	2.0830	.3939	1	245	9.6374	19.9520	490.9600	19.3970	82.9200
1.130	2.0343	.3975	1	245	9.2680	19.9960	483.7300	19.9150	89.9230
1.132	2.7157	.3618	1	240	9.5906	19.5260	472.2700	20.5990	86.2800
1.407	3.3775	.4089	1	245	8.8004	19.9980	477.3800	21.7980	112.5600
1.444	2.5996	.3592	1	240	8.5635	19.9060	469.5900	21.1820	114.4600
1.548	3.4048	.3997	1	245	8.5012	19.9770	471.3600	22.3700	123.5300
1.550	3.1004	.3696	1	240	8.5399	19.9650	471.5200	22.6119	123.5800
1.644	3.6165	.3597	1	240	8.3639	20.0090	470.3300	22.9990	131.6300
1.727	3.1451	.3891	2	240	8.5057	19.9910	471.9800	24.9900	138.0400
1.736	3.4716	.4220	1	240	8.0831	19.8190	458.1300	22.6820	136.3700
1.949	3.5991	.4962	1	240	7.6751	19.7350	448.3800	23.5570	155.7500
2.192	5.1549	.4624	1	240	7.4357	19.6380	440.9300	23.7510	165.6600
2.455	5.9077	.4744	2	240	7.1791	19.5320	433.0400	25.3370	187.5400
2.555	4.5992	.5260	3	240	9.0492	18.7430	433.1700	41.8470	179.5200
2.584	5.1674	.5260	3	240	9.0492	18.7430	433.1700	42.3140	181.5200
2.611	5.7438	.5260	3	240	9.0492	18.7430	433.1700	42.7590	183.4300
2.893	5.7860	.4687	2	240	6.7891	19.2210	415.5500	26.6690	213.7700
3.278	7.8689	.4991	2	240	6.9430	19.0210	403.3200	27.2190	237.2300
3.538	6.3678	.5106	2	240	6.1317	18.6750	386.3600	26.6010	246.7500
3.954	8.5889	.5287	2	240	5.6237	18.4360	371.5200	29.6930	265.3800
4.147	9.1224	.3763	3	240	5.3311	17.4530	333.0300	23.5700	252.6200
4.304	8.6125	.3763	3	240	5.3311	17.4530	333.0300	24.4770	262.3300
4.521	8.1374	.3763	3	240	5.3311	17.4530	333.0300	25.6960	275.4000
6.660	3.3298	.3725	3	240	5.3052	17.4460	332.5200	37.4870	405.4100
10.732	5.3662	.3798	3	235	.9887	18.0590	327.1000	2.0982	700.0100
11.483	5.7415	.3768	3	235	.9887	18.0590	327.1000	2.2445	748.8470
12.419	6.2654	.3798	3	235	.9887	18.0590	327.1000	2.4274	810.0300

Station 3A, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.7648	.6690	.2103	355	3	.1921	.3019
.026	.0562	.8361	.7929	.2611	381	3	.1622	.3393
.026	.0521	.8690	.8609	.3133	411	2	.2363	.4265
.027	.0479	.8667	.8995	.2965	447	2	-.4148	.7734
.038	.0922	.7981	.8164	.1794	232	3	1.3115	2.4662
.041	.0893	.8506	.8693	.1745	240	3	1.1802	2.2342
.043	.0868	.8600	.8803	.2580	247	3	1.1318	2.1371
.047	.0848	.8609	.8893	.3290	252	2	1.1013	2.0939
.059	.1407	.9293	.9526	.5136	153	3	1.0085	2.0677
.064	.1419	.9492	.9156	.4349	151	3	1.0089	2.2167
.072	.1447	.9488	.9121	.5406	148	3	1.0688	2.4015
.083	.1500	.9512	.9047	.7554	144	2	1.2481	2.6886
.089	.2148	.9501	.8806	.8419	100	2	1.3628	2.8336
.102	.2253	.9645	.9267	1.3564	96	2	1.9949	3.1670
.121	.2411	.9710	.9418	1.4197	90	2	2.5372	3.9762
.137	.3278	.9752	.9632	1.1602	66	2	3.0618	4.8696
.147	.2653	.9688	.9564	1.1385	81	2	3.3234	5.5132
.163	.3579	.9628	.9511	1.2025	60	2	3.6264	6.5483
.201	.4018	.9426	.9191	1.9509	54	2	4.4008	9.4315
.208	.5004	.9450	.9142	2.1759	44	2	4.6558	9.9686
.258	.5689	.9338	.8955	6.2332	39	2	5.2992	11.7120
.261	.4694	.9308	.8908	3.7676	46	2	5.2919	11.7740
.318	.7638	.9269	.8755	3.0852	28	3	5.5693	12.7500
.335	.6697	.9258	.8665	8.5527	33	2	5.7191	13.1590
.410	.9027	.9217	.8213	2.6142	29	3	6.6895	14.9720
.461	.8305	.9043	.7643	.9699	27	3	6.1604	12.6560
.486	1.1657	.9137	.7575	.7624	20	3	6.7695	12.6330
.558	1.1161	.8902	.7609	1.5551	20	3	6.4366	14.0190
.604	1.4490	.0321	.0992	.7678	178	3	.2068	.9925
.613	1.3491	.0275	.0996	.4511	191	3	.2133	.9701
.625	1.2492	.0255	.0969	.3028	206	3	.2277	1.0107
.638	1.1492	.0287	.0665	.3114	229	3	.2932	1.0578
.652	1.9337	.9037	.7605	1.8017	16	2	6.7983	14.6910
.741	1.7793	.9088	.7756	2.8336	13	2	8.5545	15.2340
.816	1.9693	.8661	.6696	1.1612	16	2	10.1210	16.3450
.922	2.2117	.1876	.2920	.7943	117	3	2.1078	2.9457
.930	1.8602	.8597	.5790	.6910	12	3	13.1030	15.3920
.974	2.1927	.9172	.2891	.7122	121	3	2.8132	2.9869
1.035	2.2770	.8527	.6237	.9216	11	2	12.9160	16.3500
1.041	2.0819	.3815	.2947	.8290	124	3	3.4933	1.8173
1.130	2.0333	.9680	.3662	.9506	127	3	4.6757	1.9690
1.132	2.7157	.8419	.6079	.7809	9	2	13.3690	14.3660
1.407	3.3758	.5342	.4026	.9479	77	3	5.9735	2.1275
1.444	2.5496	.7730	.6506	.8744	9	2	7.7490	10.8890
1.547	3.4031	.5049	.3916	1.0265	76	3	5.0554	2.2041
1.550	3.1004	.7718	.7008	1.3037	8	2	8.0424	10.9590
1.644	3.6165	.7681	.7199	1.0456	6	2	7.1034	10.5550
1.727	4.1451	.8038	.7274	1.4063	6	3	6.9803	11.1010
1.735	3.4644	.5040	.3736	1.0312	75	3	5.0624	2.4476
1.944	3.5974	.4691	.3220	.9221	72	3	4.7273	2.4781
2.147	5.1525	.4706	.3180	.9353	50	3	4.7351	2.6284
2.457	5.4048	.4603	.3632	1.2679	48	3	5.3668	2.9551
2.555	4.5992	.8070	.7960	3.0750	5	2	8.5514	15.0590
2.584	5.1674	.8070	.7960	3.0750	5	2	8.6968	15.2270
2.611	5.7438	.8070	.7960	3.0750	5	2	8.7377	15.3870
2.836	6.3267	.8533	.8365	2.6239	4	1	10.8320	17.9550
2.892	5.7839	.5423	.3611	.8651	45	3	6.2338	3.1170
3.277	7.8641	.5602	.3271	.6449	34	3	7.2667	3.1158
3.536	6.3696	.5277	.2756	.5210	41	3	7.8585	3.4554

Station 4

Station 4, cont'd.

3.902	8.5844	.5478	.2348	.1939	31	3	8.6734	3.4943
4.147	9.1224	.6100	.7808	7.5431	4	2	11.0730	12.3390
4.306	8.6125	.6100	.7808	7.5431	4	2	11.4990	12.8140
4.521	8.1374	.6100	.7808	7.5431	4	2	12.0720	13.4520
4.819	9.6386	.5657	.1798	.2859	28	3	9.7395	4.1068
5.002	12.0034	.5971	.1639	.2979	22	3	10.2570	4.0896
6.197	13.6340	.6699	.3605	1.2533	20	3	14.6160	9.5696
6.256	11.2604	.7632	.4600	1.3316	24	3	15.6860	10.8930
6.660	3.3298	.6061	.7757	6.5663	6	2	17.6870	19.8180
7.634	18.3211	.8182	.6445	1.9095	15	2	23.9710	23.9170
8.032	16.0645	.9359	.8068	1.8038	17	2	24.5660	37.8760
9.843	21.6539	.9615	.8681	2.1525	12	3	29.2760	62.1970
10.732	5.3662	.5922	.7201	.8876	3	3	19.5010	42.7750
11.068	19.9219	.9701	.9035	95.6390	14	1	22.9480	77.1980
11.483	5.7415	.5922	.7201	.8876	3	3	20.8650	45.7670
11.651	27.9634	.9733	.9181	6.6990	10	2	28.1130	98.2000
12.519	6.2594	.5922	.7201	.8876	3	3	22.7470	49.8950
13.387	26.7745	.9708	.9212	7.1655	10	1	24.0160	71.9470
15.633	34.3914	.9684	.9245	9.7671	9	1	26.9460	80.5250
17.784	42.6821	.9666	.9294	3.7210	7	1	27.1420	78.4890
19.581	35.2473	.9647	.9399	3.9819	8	1	29.0100	68.6340
22.312	44.6229	.9595	.9383	5.9236	7	1	30.2720	71.9750
24.828	54.6209	.9573	.9401	3.6919	6	1	22.7750	84.2770
27.144	65.1466	.9666	.9479	3.0656	5	1	22.9600	84.8040
34.644	62.3597	.9627	.9470	9.0868	5	2	21.0880	77.2080
37.186	74.3716	.9684	.9527	9.8037	4	2	20.8200	77.3100
39.432	86.7528	.9696	.9544	9.9021	3	2	20.8630	80.7890
41.430	99.9332	.9999	.9909	3.6299	4	1	19.1760	69.9590
61.293	110.3290	.8672	.9392	9.2145	3	2	15.8470	44.0290
99.167	49.5810	.7729	.9019	9.0273	5	2	40.0740	93.0730
102.962	51.0308	.7729	.9019	9.0273	5	2	41.2450	95.7930
104.865	52.3314	.7612	.8988	2.5978	4	3	42.2050	99.0620
169.736	84.8680	.7413	.8925	1.4102	3	3	74.5780	166.3700

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0604	.2103	3	70	9.7771	9.7562	45.4920	.1149	.1139
.026	.0562	.2611	3	70	5.5331	6.0182	66.8340	.1565	.1852
.026	.0521	.3133	2	70	6.6795	7.3211	98.2140	.2323	.2791
.027	.0479	.2965	2	70	8.6149	10.2130	178.5100	.3951	.5552
.038	.0922	.1794	3	70	11.7400	13.2800	314.2000	1.0590	1.3551
.041	.0893	.1795	3	70	11.7030	13.5720	321.1600	1.1122	1.4957
.043	.0868	.2580	3	70	11.1330	12.9900	292.6900	1.0757	1.4646
.047	.0848	.3290	2	70	10.5240	12.3700	263.7600	1.0430	1.4411
.059	.1407	.5136	3	70	10.1510	11.9320	245.4300	1.2085	1.6697
.064	.1419	.4349	3	75	9.7958	10.9810	216.5300	1.2376	1.5559
.072	.1497	.5906	3	75	9.5840	10.6780	205.8700	1.3287	1.6492
.613	1.3491	.4511	3	55	.0250	.1341	.0186	.0001	.0022
.625	1.2492	.3028	3	55	.0300	.1288	.0175	.0001	.0021
.638	1.1492	.3119	3	60	.0235	.1879	.0359	.0001	.0045
3.536	6.3696	.5210	3	80	1.9098	.4880	3.8853	2.5792	.1684
3.902	8.5844	.1939	3	75	1.9073	.9692	3.8533	2.8389	.1682
4.819	9.6386	.2859	3	65	1.8497	.3772	3.5637	3.2978	.1372
5.002	12.0034	.2979	3	65	1.9693	.3246	3.9836	3.8793	.1054

Station 4, cont'd.

N-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.7060	.7223	.7962	355	2	.2518	.2295
.026	.0562	.8055	.8196	.7552	381	1	.2690	.2718
.026	.0521	.8790	.8827	.7096	411	1	.3459	.3921
.027	.0479	.9208	.9147	.6717	447	1	.5575	.6623
.038	.0922	.8778	.7957	.8369	232	2	1.7907	1.8668
.041	.0893	.8850	.8610	.8731	240	1	1.6293	1.5747
.043	.0868	.9038	.8958	.9523	247	1	1.5399	1.4371
.047	.0848	.9147	.9141	1.0168	252	1	1.5019	1.4595
.059	.1407	.9630	.9724	1.1041	153	1	1.5373	1.5426
.064	.1419	.9719	.9418	1.2335	151	1	1.5021	1.7006
.072	.1447	.9751	.9426	1.3737	148	1	1.5490	1.7649
.083	.1500	.9635	.8893	1.0591	144	1	1.7082	1.9093
.089	.2148	.9639	.8693	1.0166	100	1	1.7861	1.4175
.102	.2253	.9656	.9019	1.0144	96	1	2.1134	1.3118
.121	.2411	.9569	.8718	.9779	90	1	2.4389	1.4142
.137	.3278	.9500	.8568	.9687	66	1	2.7230	1.6466
.147	.2653	.9470	.8512	.9894	81	1	2.9131	1.8752
.163	.3579	.9445	.8146	.7656	60	1	3.1147	1.9237
.201	.4018	.9451	.8193	.6630	54	1	3.8901	2.5175
.208	.5004	.9571	.8691	.9177	44	1	4.0972	3.0534
.258	.5684	.8871	.8526	1.4604	39	1	3.9822	3.5257
.261	.4694	.8608	.8293	1.5669	46	1	3.7524	3.4899
.318	.7638	.8084	.7753	2.0472	28	2	3.4898	3.8214
.335	.6697	.8130	.7712	1.7371	33	2	3.7026	3.7477
.410	.9027	.8390	.7656	1.3526	24	2	4.2828	3.8568
.461	.8305	.8943	.7705	.7539	27	2	5.3586	2.7958
.486	1.1657	.9064	.7803	.7164	20	2	5.6606	2.7398
.558	1.1161	.9202	.7539	.6734	20	2	6.6054	2.7525
.604	1.4490	.3387	.2813	1.1633	178	3	.7814	.4746
.613	1.3491	.4177	.3847	1.1725	191	3	1.1569	.7728
.625	1.2492	.4935	.3968	.9833	206	3	1.6461	1.0006
.638	1.1492	.5809	.4751	.8706	224	3	2.7178	1.3598
.652	1.4337	.9218	.7063	.5806	16	2	6.8332	2.6408
.741	1.7793	.8925	.6929	.6611	13	2	6.6140	2.8227
.816	1.9693	.8813	.6811	.5580	16	2	6.4303	2.3602
.922	2.2117	.8095	.6694	.5574	117	2	6.2092	2.5806
.930	1.8602	.8691	.6670	.5406	12	2	5.9442	2.2861
.974	2.1427	.5631	.5673	2.3013	121	3	1.5507	.7827
1.035	2.2770	.8453	.6533	.5492	11	2	5.9839	1.8560
1.041	2.0819	.5605	.5424	1.7465	124	3	2.1368	.8479
1.130	2.0333	.5692	.5493	1.5496	127	3	2.7172	1.1569
1.132	2.7157	.8492	.6408	.4808	9	2	6.4702	1.8318
1.407	3.3758	.6063	.5806	1.4289	77	3	3.4442	1.3986
1.444	2.5996	.7319	.5119	.4394	9	3	6.3441	1.2514
1.547	3.4031	.7883	.6183	.5266	76	3	6.7433	2.0660
1.550	3.1009	.7199	.5070	.4304	8	3	6.5450	1.2722
1.644	3.6165	.7056	.4828	.3789	6	3	6.8904	1.2609
1.727	4.1451	.6689	.4734	.4360	6	3	6.7299	1.1917
1.735	3.4699	.7421	.5988	.4960	75	3	7.3880	2.0054
1.999	3.5974	.7837	.5573	.3529	72	3	7.1219	1.3860
2.147	5.1525	.7651	.5001	.2988	50	3	6.6271	1.1726
2.457	5.4048	.7822	.5178	.3134	48	3	7.1197	.9890
2.555	4.5992	.6293	.5874	.6039	5	3	7.3360	.9145
2.564	5.1674	.6293	.5874	.6039	5	3	7.4178	.9247
2.611	5.7438	.6293	.5874	.6039	5	3	7.4958	.9344
2.636	6.3267	.5644	.5602	.6911	4	3	7.8617	.9274
2.892	5.7834	.7290	.4752	.3390	45	3	6.7020	.9001
3.277	7.8641	.7167	.4844	.3813	34	3	7.2018	.9747
3.636	6.3644	.7032	.5220	.4337	41	3	6.4951	.7469

Station 5

3.922	6.5849	.6982	.5067	.3749	31	3	6.4090	.7216
4.147	9.1224	.5242	.5578	.8403	4	3	6.5473	1.4682
4.306	8.6125	.5242	.5578	.8403	4	3	6.7992	1.5247
4.521	8.1374	.5242	.5578	.8403	4	3	7.1379	1.6007
4.819	9.6386	.7152	.9769	.2804	28	3	5.9852	.6597
5.002	12.0034	.6884	.9788	.2798	22	3	6.0373	.6201
6.197	13.6340	.6200	.9101	.1062	20	3	3.5701	.5445
6.256	11.2604	.6992	.2741	.1445	24	3	4.1450	.5434
6.665	3.3298	.5241	.5534	.8424	6	3	10.3080	2.3527
7.633	18.3211	.7276	.2752	.3184	15	3	4.1743	.6445
8.032	16.0645	.6538	.2860	.5886	17	3	3.5178	.6195
9.843	21.6539	.7861	.9168	.7069	12	3	5.0164	1.0521
10.732	5.3662	.7244	.9919	.5659	3	3	5.2574	3.1451
11.068	19.9219	.9151	.9877	.6802	14	3	6.7263	4.4055
11.483	5.7415	.7244	.9919	.5659	3	3	5.6251	3.3650
11.651	27.9634	.9010	.5293	1.6015	10	3	7.4979	4.4956
12.519	6.2594	.7244	.9919	.5659	3	3	6.1325	3.6686
13.387	26.7745	.9472	.7592	1.2193	10	2	9.8466	6.2646
15.633	34.3914	.9481	.8553	5.2460	9	2	5.6503	8.5940
17.784	42.6821	.9528	.9261	.5110	7	2	6.5838	11.0350
19.581	35.2473	.9788	.9778	.3094	8	2	8.7619	9.3779
22.312	44.6229	.9826	.9887	.2796	7	1	5.9174	9.4879
24.829	54.6209	.9902	.9919	.3499	6	2	3.5661	10.3810
27.144	65.1466	.9910	.9849	.3477	5	3	3.9024	11.2660
34.644	62.3597	.9689	.9503	.4503	5	3	2.9800	12.4360
37.186	74.3716	.9751	.9873	.4187	4	3	2.6662	12.9940
39.432	86.7528	.9813	.9906	.4939	3	3	2.3942	13.0610
41.430	99.9332	.9705	.9892	.9858	4	3	2.6373	8.9376
61.293	110.3240	.9790	.9973	1.1946	3	3	3.2122	10.5650
99.167	99.5810	.9309	.9768	.9714	5	3	5.7248	18.2890
102.062	51.0308	.9309	.9768	.9714	5	3	5.8921	18.8240
104.665	52.3314	.8630	.9682	.5655	4	3	7.6337	16.2490
106.736	44.8480	.6274	.9202	.9541	3	3	10.6760	36.9100

Station 5, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

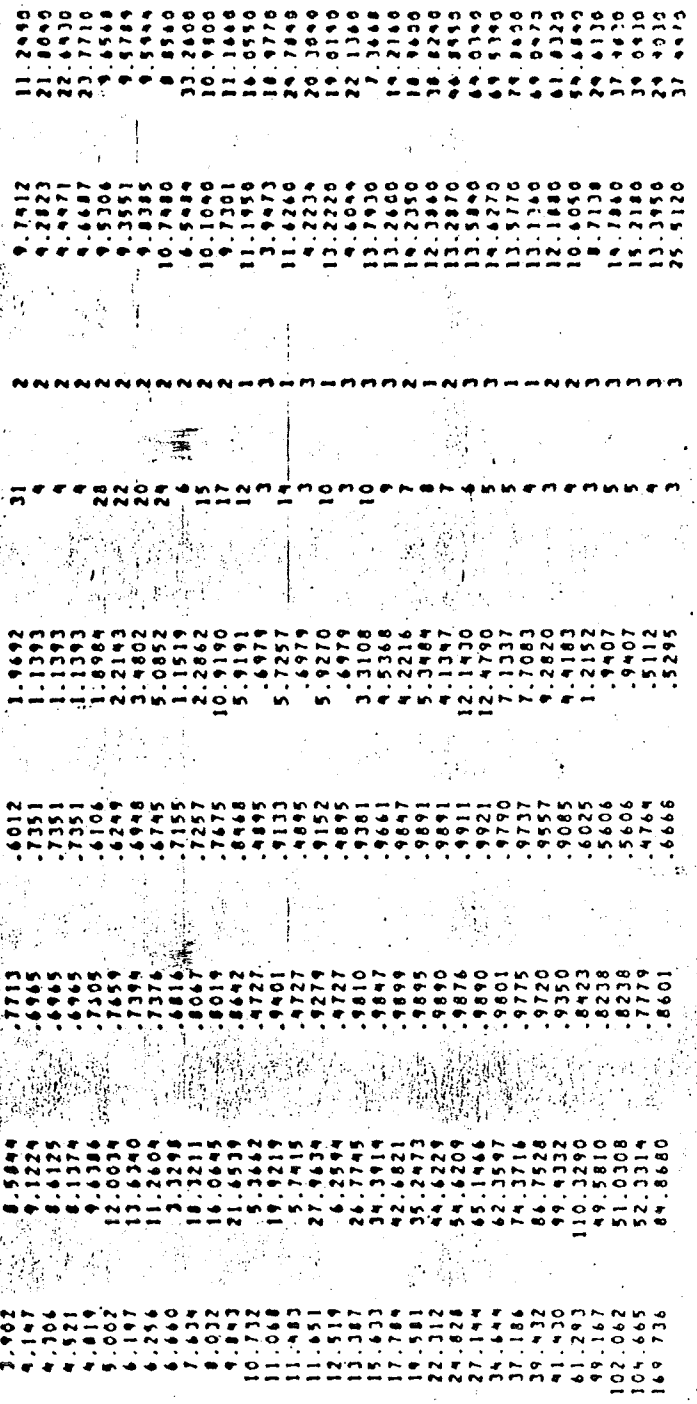
PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.652	1.4337	.5806	2	120	7.9075	1.3816	56.7800	7.1516	.2488
.816	1.4693	.5580	2	119	6.2697	1.1905	40.6100	6.4175	.2124
.922	2.2117	.5579	2	119	5.3159	1.1138	29.5000	5.2084	.2286
.930	1.8602	.5906	2	120	5.5787	1.0026	32.1270	5.7895	.1870
1.035	2.2770	.5992	2	121	5.0259	.9937	26.2470	5.2289	.2044
1.132	2.7157	.4808	2	121	5.0550	.9608	26.4760	5.7829	.2089
1.444	2.5996	.4394	3	120	3.9516	.6293	16.0050	4.5102	.1126
1.547	3.4031	.5266	3	116	4.7333	.6084	22.7740	6.9313	.1145
1.550	3.1004	.4304	3	121	3.8070	.6040	14.8580	4.4934	.1131
1.644	3.6165	.3789	3	120	3.8211	.5728	14.9290	4.8002	.1079
1.727	4.1451	.4360	3	118	3.4988	.5056	12.4970	4.2284	.0883
1.735	3.4699	.4460	3	115	4.6914	.4899	22.2500	7.6372	.0833
1.999	3.5974	.3529	3	119	4.4954	.2595	20.2760	8.0775	.0269
2.147	5.1525	.2988	3	115	4.1279	.1964	17.0610	7.3163	.0092
2.457	5.4048	.3139	3	119	4.1797	.1271	17.4860	8.5840	.0079
2.892	5.7834	.3390	3	116	3.6061	.1958	13.0430	7.5206	.0222
3.277	7.8641	.3813	3	117	3.2802	.2486	10.8220	7.0516	.0405
3.536	6.3646	.4337	3	116	3.1111	.2099	9.7229	6.8446	.0312
3.902	8.5844	.3744	3	118	2.8770	.2177	8.3246	6.4595	.0379
4.819	9.6386	.2809	3	119	2.5052	.1509	6.2988	6.0493	.0219
5.002	12.0034	.2798	3	119	2.3596	.1513	5.5904	5.5691	.0229
6.197	13.6340	.1062	3	119	1.6680	.1145	2.7954	3.4486	.0162
6.256	11.2604	.1495	3	120	1.8958	.0766	3.5998	4.4965	.0073
7.634	18.3211	.3184	3	122	1.6665	.0353	2.7784	4.2400	.0019
8.032	16.0695	.3846	3	130	1.2461	.1425	1.5731	2.4945	.0326
10.732	5.3662	.5659	3	145	1.3183	1.2037	3.1869	3.7303	3.1102
11.483	5.7415	.5659	3	145	1.3183	1.2037	3.1869	3.9912	3.3277
12.519	6.2599	.5659	3	145	1.3183	1.2037	3.1869	4.3512	3.6279
17.784	42.6821	.5110	2	132	1.2152	1.6139	4.0812	5.2520	4.2638
19.581	35.2473	.3094	2	131	1.1587	1.5256	3.6702	5.2584	4.1152
22.312	44.6229	.2796	1	128	1.0480	1.5049	3.3632	4.9013	10.1060
24.828	54.6209	.3499	2	129	.9143	1.4124	2.8310	4.1515	9.9060
27.144	65.1966	.3477	2	129	.9095	1.4105	2.8165	4.4904	10.8000
34.644	62.3597	.4503	3	129	.7439	1.2688	2.1634	3.8348	11.1550
37.186	74.3716	.4187	3	129	.7056	1.1923	1.9195	3.7032	10.5730
39.432	86.7528	.4439	3	128	.6163	1.0546	1.4920	2.9950	8.7718
104.665	52.3319	.5655	3	122	.4775	.8283	.9141	4.7723	14.3630

Station 5, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.3277	.5414	.2746	355	3	.2239	.5445
.026	.0562	.4655	.6722	.2400	381	3	.2566	.5373
.026	.0521	.6056	.7866	.2581	411	2	.2975	.6873
.027	.0479	.7236	.8696	.2326	447	2	.4752	1.0416
.038	.0922	.7678	.9191	.1352	232	2	1.1994	2.9506
.041	.0893	.7731	.8984	.0967	240	2	1.0619	2.1515
.043	.0868	.7790	.9007	.1187	247	2	.9120	2.0365
.047	.0848	.7863	.9056	.1690	252	2	.8667	1.9726
.059	.1407	.8323	.9341	.2514	153	1	.9032	1.8063
.064	.1419	.7930	.9303	.4081	151	2	.8166	1.6286
.072	.1447	.7904	.9334	.4596	148	2	.8166	1.6552
.083	.1500	.7956	.9318	.5094	144	2	.8860	1.7543
.089	.2148	.7829	.9250	.5486	100	2	.8589	1.7996
.102	.2253	.8372	.9350	.5300	96	1	.9953	2.2437
.121	.2911	.8288	.9224	.5576	90	1	1.0835	2.8359
.137	.3278	.8062	.9111	.4519	66	1	1.0983	3.3214
.147	.2653	.6933	.8116	.5783	81	2	.8336	3.1699
.163	.3579	.6061	.7634	.6347	60	2	.6753	3.2800
.201	.4018	.5581	.7212	.7941	54	3	.5785	3.3401
.208	.5004	.5323	.7096	.7984	44	3	.5309	3.2639
.258	.5689	.6161	.7810	.5445	39	2	.9762	4.7991
.261	.4694	.5857	.7625	.5842	46	3	.8945	4.8962
.318	.7630	.6730	.8376	.3356	28	2	1.3905	6.9309
.335	.6697	.7007	.8527	.2787	33	2	1.6041	6.6593
.410	.9027	.8089	.8958	.1265	24	1	2.2270	7.9675
.461	.8305	.8116	.8772	.2928	27	1	2.2494	7.6604
.486	1.1657	.8369	.8792	.3331	20	1	2.3762	8.2589
.558	1.1161	.8023	.8503	.2412	20	1	2.2199	9.4143
.605	1.4490	.1197	.0331	1.3498	178	3	.1856	.2213
.613	1.3491	.1967	.0986	3.8333	191	3	.3513	.3748
.625	1.2492	.2445	.0953	1.5623	206	3	.6232	.6415
.638	1.1492	.3520	.1523	.5657	224	3	1.1821	1.1929
.652	1.9337	.7980	.8001	.3313	16	2	2.2782	10.7950
.741	1.7793	.7771	.7792	.3721	13	2	2.1683	11.9680
.816	1.4693	.7735	.6845	.6080	16	2	2.1495	14.5400
.922	2.2117	.7776	.3605	.6099	117	3	7.1887	9.9430
.930	1.8602	.7961	.6455	1.2083	12	2	2.5685	18.6900
.974	2.1427	.2994	.3974	2.0383	121	3	2.3466	2.3564
1.035	2.2770	.7870	.7008	.9037	11	2	2.5677	16.6290
1.041	2.0819	.3457	.4353	1.7991	124	3	3.2361	2.9653
1.110	2.0333	.4371	.4588	1.7102	127	3	4.2854	3.5470
1.132	2.7157	.7877	.6930	.7821	9	2	2.7355	17.6920
1.207	3.3758	.4675	.4731	1.8094	77	3	5.4428	3.2653
1.294	2.5996	.7696	.8438	.5521	9	2	3.1512	14.4640
1.367	3.4031	.8493	.5040	.8488	76	3	11.8690	7.4391
1.550	3.1004	.7785	.8548	.4743	8	2	3.4450	15.1040
1.644	3.6165	.7639	.8539	.4150	6	2	3.5930	14.7590
1.727	4.1991	.7733	.8707	.6415	6	2	3.5006	12.7030
1.735	3.9699	.8432	.5381	.9061	75	3	12.3170	7.3449
1.999	3.5974	.8353	.5837	.8645	72	3	13.1750	7.9721
2.147	5.1525	.8422	.6362	1.4116	50	2	13.3070	9.0624
2.457	5.9048	.8157	.6678	1.9370	48	2	13.1340	9.4443
2.555	4.5992	.6859	.7802	1.0179	5	2	3.9952	14.8030
2.584	5.1674	.6859	.7802	1.0179	5	2	4.0398	14.9440
2.611	5.7438	.6859	.7802	1.0179	5	2	4.0822	15.1250
2.636	6.3267	.6923	.7736	1.0610	4	2	3.7778	15.3530
2.892	5.7834	.7807	.6789	1.9477	45	2	11.7000	11.4140
3.277	7.8691	.7633	.6527	2.3132	34	2	11.1240	11.4050
3.516	6.3696	.7692	.6106	1.8691	41	2	10.0370	10.4510

Station 6



Station 6, cont'd.

ROTATED INDUCANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0609	.2746	3	230	2.2376	5.4225	34.4110	.0252	.1420
.026	.0562	.2400	3	230	3.4176	6.6365	55.7230	.0597	.2252
.026	.0521	.2581	2	230	4.2469	8.4380	99.6930	.1223	.3702
.027	.0479	.2226	2	230	7.2760	11.2520	179.5500	.2818	.6740
.038	.0422	.1352	2	230	10.2630	15.3410	340.6700	.8093	1.8081
.041	.0893	.0967	2	230	9.4870	13.5770	274.3300	.7309	1.4966
.047	.0868	.1187	2	230	8.5739	12.6850	234.4200	.6380	1.3966
.047	.0868	.1640	2	230	8.1678	11.8480	207.0900	.6283	1.3220
.059	.1407	.2514	1	230	7.8823	10.3160	168.5600	.7286	1.2481
.064	.1419	.4081	2	230	6.7784	9.2857	132.1700	.5926	1.1120
.072	.1447	.4596	2	230	6.3771	8.8755	119.4400	.5883	1.1395
.083	.1500	.5044	2	230	6.2170	8.5343	111.4800	.6440	1.2134
.089	.2148	.5486	1	230	5.7930	8.2702	101.9600	.6007	1.2243
.102	.2253	.5300	1	230	6.2022	8.4057	109.1200	.7879	1.4473
.121	.2411	.5576	1	230	5.9241	8.3104	104.1600	.8461	1.6650
.137	.3278	.4519	1	230	5.4811	8.3355	99.5240	.8208	1.6982
.147	.2653	.5783	2	230	4.1711	7.5232	73.9960	.5129	1.6695
.258	.5684	.5445	2	230	3.0945	7.2681	62.4000	.4948	2.7294
.261	.4694	.5842	3	230	2.8693	7.2373	60.6120	.4294	2.7319
.318	.7638	.3356	2	230	3.5845	7.6716	71.7020	.8178	3.7454
.335	.6697	.2787	2	230	3.8940	7.6942	74.3640	1.0155	3.9644
.410	.9027	.1265	1	230	4.7435	7.7310	82.2700	1.8465	4.9046
.461	.8305	.2428	1	230	4.4657	7.1049	70.4230	1.8903	4.6582
.486	1.1657	.3331	1	230	4.5940	7.1877	72.7670	2.0502	5.0187
.558	1.1161	.2412	1	230	4.0034	6.9104	63.7810	1.7888	5.3360
.638	1.1492	.5657	3	225	.9773	.4981	1.2032	.1220	.0117
.652	1.4337	.3313	2	230	3.8049	6.3264	54.5000	1.8869	5.2167
.741	1.7793	.3721	2	230	3.4540	5.8729	46.4210	1.7689	5.1147
1.444	2.5996	.5521	2	230	2.9499	4.8087	31.8260	2.5135	6.6761
1.550	3.1004	.4743	2	230	3.0160	4.8261	32.3880	2.9203	7.2213
1.644	3.6165	.4150	2	230	2.8413	4.9048	32.1300	2.6541	7.9033
104.665	52.3314	.5112	3	205	.7347	.0999	.5498	11.3660	2.2687
149.736	84.8680	.5295	3	190	.9670	.1674	.9630	31.7460	4.6611

Station 6, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.5592	.6751	.0641	178	3	2.4384	.6614
.026	.0562	.6464	.8235	.0471	191	2	2.9379	.9121
.026	.0520	.7404	.8860	.0765	206	2	3.8379	1.3214
.027	.0479	.8269	.9062	.1267	224	1	6.1746	2.2593
.038	.0922	.8634	.7893	.2808	117	2	16.5120	4.3414
.041	.0893	.8970	.8481	.1911	121	1	16.6520	4.1434
.043	.0867	.9000	.8735	.1410	124	1	16.0920	3.9047
.047	.0847	.8998	.8895	.1059	127	1	15.1020	3.7813
.059	.1407	.9324	.9470	.1901	77	1	15.7420	3.4900
.064	.1418	.9484	.9585	.2291	76	1	14.5340	3.2495
.072	.1446	.9556	.9670	.2259	75	2	14.9040	3.4322
.083	.1499	.9597	.9666	.2451	72	1	15.7220	3.8590
.089	.2147	.9684	.9715	.3070	50	2	16.0430	4.2046
.102	.2252	.9694	.9705	.3608	48	2	17.1030	4.4764
.120	.2410	.9733	.9689	.3633	45	2	19.1840	5.8061
.137	.3277	.9778	.9721	.3813	34	2	20.7230	6.5877
.147	.2652	.9622	.9672	.4572	41	2	20.8080	7.1765
.163	.3577	.9531	.9638	.5177	31	2	20.7460	7.8533
.201	.4016	.9218	.9435	.6091	28	2	21.8280	9.8374
.208	.5002	.9157	.9382	.5734	22	2	21.7450	10.2420
.258	.5681	.8475	.8862	.5577	20	2	21.2760	10.2240
.261	.4692	.8148	.8760	.6799	24	2	19.1870	10.6150
.318	.7634	.6188	.8433	.3708	15	2	11.1330	11.2070
.335	.6693	.5154	.8569	.3684	17	3	6.7194	12.2063
.410	.9023	.4491	.8288	.2651	12	3	4.4745	15.5315
.461	.8301	.5207	.8147	.4807	14	3	5.9624	17.4740
.485	1.1651	.5265	.8254	.4703	10	3	5.2226	17.8620
.558	1.1156	.6079	.8281	.7443	10	2	7.6952	20.2240
.604	1.4490	.1583	.1712	.8805	178	3	.2590	.3247
.613	1.3491	.1826	.1944	1.1048	191	3	.3970	.5307
.625	1.2492	.2423	.2614	1.4917	206	3	.6624	.9164
.638	1.1492	.3124	.3487	1.4890	224	3	1.0433	1.7614
.651	1.4330	.6484	.8101	1.0359	9	2	10.3290	23.4063
.741	1.7784	.6384	.8105	.7563	7	2	9.2555	25.2240
.816	1.4686	.6046	.8289	.6578	8	2	10.3970	27.4780
.922	2.2117	.6619	.8047	1.0637	117	2	3.2275	20.1640
.930	1.8593	.6027	.8177	.7170	7	2	11.4850	30.5420
.974	2.1427	.6394	.7458	1.2851	121	2	2.8751	13.7910
1.035	2.2759	.6189	.8332	.6752	6	2	12.9170	31.0900
1.041	2.0819	.6315	.7641	1.1198	124	2	2.7477	17.3430
1.130	2.0333	.6448	.7920	1.0420	127	2	2.7109	21.1970
1.131	2.7144	.6764	.8482	.6402	5	2	13.3770	34.1652
1.407	3.3758	.6393	.7993	.9748	77	2	2.8706	24.4030
1.444	2.5983	.6570	.8319	.7432	5	2	4.5447	41.5320
1.547	3.4031	.6557	.8384	.9120	76	2	2.8609	33.6910
1.549	3.0989	.6673	.8225	.7891	4	2	4.0551	42.1140
1.643	3.6147	.6839	.8361	.7101	3	2	3.4493	44.5173
1.726	4.1430	.7315	.8544	.7618	4	2	4.5493	52.9740
1.735	3.4699	.6535	.8241	.9262	75	2	2.9809	35.1713
1.999	3.5974	.6557	.8117	.9233	72	2	2.9695	34.9220
2.147	5.1525	.6692	.8130	.9540	50	2	3.0714	41.1447
2.457	5.4048	.6688	.8057	.9156	48	2	3.2259	46.4740
2.554	4.5971	.8081	.8697	.8753	3	1	6.8644	53.6[illegible]
2.892	5.7834	.6688	.8004	.8986	45	2	2.5674	51.6410
3.277	7.8641	.6669	.7860	.8495	34	2	1.9314	52.4[illegible]
3.536	6.3646	.6696	.7838	.8159	41	2	1.7457	53.77[illegible]
3.902	8.5844	.6735	.7751	.8113	31	2	1.3777	54.75[illegible]
4.132	2.0659	.7877	.8420	.8020	5	2	8.6961	74.4[illegible]
4.253	2.1263	.7877	.8420	.8020	5	2	8.4504	[illegible]

Station 7

4.261	2.1805	.8933	.8758	.7813	4	1	10.8420	71.0075
4.819	9.6386	.6077	.7027	.8089	28	2	1.2456	51.0776
5.002	12.0034	.6101	.7060	.8080	22	2	1.2021	51.0955
6.197	13.6340	.5564	.6112	.9001	20	3	1.1281	53.3120
6.256	11.2664	.5511	.6231	.8712	24	3	1.0063	49.5000
7.072	9.5362	.8824	.9167	.8230	3	2	12.7060	71.7200
7.634	18.3211	.5206	.5851	.9085	15	3	.9699	53.4640
8.032	16.0645	.5424	.6149	.8232	17	3	.9217	57.3250
9.843	21.6539	.5759	.6601	.7264	12	3	.9226	73.4730
11.068	19.9219	.5979	.7209	.7859	14	3	1.4573	79.9140
11.651	27.9634	.5986	.7312	.7581	10	3	1.4723	97.9870
13.387	26.7745	.6676	.7879	.7642	10	2	3.4227	142.4500
15.633	34.3919	.7747	.9004	.7196	9	2	7.4865	145.0400
17.784	42.6821	.8684	.9384	.7698	7	1	13.0470	157.3800
19.581	35.2473	.9337	.9655	.8259	8	2	33.9200	185.9900
22.312	44.6229	.9508	.9728	.8620	7	3	51.8620	182.8200
24.828	54.6209	.9626	.9803	1.0324	6	3	53.3530	151.8600
27.144	65.1464	.9654	.9815	1.0807	5	3	60.4670	165.2000
34.641	62.3597	.9690	.9777	1.0481	5	3	44.9480	202.1200
37.186	74.3716	.9634	.9805	1.0551	4	3	45.9360	210.1400
39.432	86.7528	.9645	.9822	1.0647	3	3	43.4500	212.7700
41.430	99.4332	.9502	.9734	.9158	4	2	35.3100	214.4200
61.293	110.3240	.8064	.8846	.8375	3	1	18.5720	179.4200
69.167	69.5810	.7527	.8399	.8221	5	2	39.2860	196.7300
102.062	51.0308	.7527	.8399	.8221	5	2	40.4340	356.8700
104.445	52.3314	.7024	.8013	.7757	4	2	38.1830	329.4400
149.736	84.8480	.6256	.7391	.4948	3	2	87.7520	450.5600

Station 7, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0609	.0641	3	85	12.9110	7.6003	211.8000	.7750	2404
.026	.0562	.0471	2	85	15.7840	10.7630	369.9700	1.2731	5320
.026	.0520	.0765	2	85	20.5580	13.8820	615.3900	2 1998	1 [illegible]
.027	.0479	.1267	1	85	28.4740	18.4800	1152.3000	4 3134	1 [illegible]
.038	.0922	.2808	2	84	41.7540	18.6030	2089.4000	13.3880	2 6577
.041	.0893	.1911	1	86	41.2900	18.8070	2058.5000	13 8370	2 [illegible]
.043	.0867	.1410	1	86	39.7080	18.1310	1905.5000	13 6780	2 8514
.047	.0847	.1059	1	86	37.1600	17.1360	1674.5000	12.9980	2 7661
.059	.1407	.1901	1	87	34.7870	15.9170	1447.8000	14 1840	2 7483
.069	.1418	.2291	1	86	32.5650	14.0960	1259.2000	13 6700	2 [illegible]
.072	.1446	.2259	2	86	31.3710	13.5500	1167.8000	14 2240	2 [illegible]
.083	.1499	.2451	1	87	29.8290	13.4230	1069.9000	14.8180	3 0006
.089	.2147	.3070	2	87	29.1720	13.3000	1027.9000	15 2250	3 1644
.102	.2252	.3608	2	88	28.0430	13.9090	966.2300	16.1010	3 6410
.120	.2410	.3633	2	88	27.3680	13.9350	929.5000	18 0480	4 [illegible]
.137	.3277	.3813	2	88	26.9210	13.9990	905 6100	19.7900	4 9342
.147	.2652	.4572	2	88	25.1420	13.7210	820.3600	18.6250	5 [illegible]
.163	.3577	.5177	2	89	23.3870	13.7880	737.0600	17 7853	6 1414
.208	.5002	.5734	2	89	20.0810	13.8065	593.8700	16.8070	7 [illegible]
.258	.5681	.5577	2	88	16.8670	11.6020	419.0900	14 6920	6 [illegible]
.318	.7634	.3708	2	91	7.8643	11.1740	186.7100	3 9344	7 [illegible]
.335	.6693	.3684	3	94	4.6427	11.6890	158.2000	1.4428	8 [illegible]
.410	.9073	.2651	3	95	2.9291	11.5320	141.5600	.7037	10 [illegible]
.461	.8301	.4807	3	96	3.6247	11.3030	140 8900	1.2118	11 [illegible]
.485	1.1651	.4703	3	96	3.2972	11.2010	136.3900	1 0545	12 [illegible]
169 736	84.8680	.4948	2	95	.5452	2.4036	6.0745	10.0920	144 [illegible]

Station 7, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.6692	.8024	.4029	178	2	.4915	.8453
.026	.0562	.7843	.8688	.3843	191	2	.6035	1.0969
.026	.0520	.8735	.9107	.3942	206	1	.8298	1.5697
.027	.0479	.9066	.9307	.3769	224	1	1.2273	2.7133
.039	.0922	.8394	.8897	.2631	117	1	3.3342	6.1642
.041	.0893	.8707	.9175	.3844	121	1	3.2136	5.5011
.043	.0867	.8835	.9267	.4925	124	1	3.0587	5.0238
.047	.0847	.8861	.9305	.6005	127	1	2.7867	4.5812
.059	.1407	.9285	.9583	.7835	77	1	2.6433	4.1732
.064	.1418	.9381	.9655	.8468	76	1	2.5188	4.0334
.072	.1446	.8832	.9313	.6001	75	1	2.2884	3.8517
.083	.1499	.7497	.8771	.2088	72	2	1.7205	3.6120
.089	.2197	.7177	.8693	.3593	50	2	1.5385	3.5776
.102	.2252	.7348	.8742	.6502	48	2	1.5082	3.5833
.120	.2410	.7859	.8951	.6919	45	2	1.9116	4.3158
.137	.3277	.8689	.9377	.5353	39	1	2.7355	5.4489
.147	.2652	.8865	.9461	.5598	41	1	2.9990	5.9216
.163	.3577	.9323	.9657	.6305	31	1	3.5379	6.8550
.201	.4016	.8857	.9528	.5008	28	1	4.0007	8.4296
.208	.5002	.8911	.9533	.5055	22	1	4.0609	8.5517
.258	.5681	.8496	.9450	.4297	20	1	4.8317	9.7127
.261	.4692	.8519	.9507	.4267	24	1	4.6942	9.7805
.318	.7634	.8370	.9577	.4038	15	1	4.9028	11.2720
.335	.6693	.8346	.9566	.4029	17	1	4.5949	11.1970
.410	.9023	.8361	.9543	.3783	12	1	4.6858	12.4190
.461	.8301	.7782	.9113	.4479	14	2	5.2333	13.2580
.495	1.1651	.7858	.9115	.5065	10	2	6.1177	13.6360
.558	1.1156	.7590	.8852	.4833	10	2	6.1231	14.8080
.604	1.4490	.0830	.1339	.4788	178	3	.0555	.1013
.613	1.3491	.1302	.1631	.3219	191	3	.0921	.1933
.625	1.2492	.1699	.2268	.5388	206	3	.1352	.2432
.638	1.1492	.1814	.1890	.9856	224	3	.1668	.3765
.651	1.9330	.7514	.8731	.5243	9	2	7.0026	16.8350
.741	1.7789	.7638	.8822	.5362	7	2	7.4033	18.8450
.816	1.9686	.7688	.8804	.4220	8	2	7.1289	18.7570
.922	2.2117	.3655	.3357	1.7109	117	3	.5318	.6960
.930	1.8593	.8083	.8952	.5256	7	1	8.3215	20.1310
.974	2.1927	.3901	.3210	1.4820	121	3	.5321	.7634
1.035	2.2759	.8252	.8981	.4690	6	1	8.1214	22.1320
1.041	2.0819	.4267	.3238	1.5462	124	3	.5643	.8529
1.130	2.0333	.4256	.3261	1.2118	127	3	.6980	.8218
1.131	2.7144	.8257	.8983	.4214	5	1	8.5179	23.1270
1.407	3.3758	.4593	.2919	.9991	77	3	.8994	1.0454
1.444	2.5983	.8769	.9032	.6403	5	2	9.3401	24.3510
1.547	3.4031	.4618	.3039	1.2807	76	3	1.1214	1.1382
1.549	3.0989	.8912	.9082	.8719	4	1	10.3230	25.0980
1.643	3.6147	.8643	.9020	.7154	3	2	9.5259	23.9670
1.726	4.1430	.9034	.9058	.7447	4	1	10.2330	25.3330
1.735	3.4699	.4557	.2668	.9858	75	3	1.3896	1.0993
1.999	3.5974	.3690	.2259	.9623	72	3	1.5153	1.0273
2.147	5.1525	.2916	.2198	1.3902	50	3	1.6170	.9766
2.457	5.4048	.3300	.2254	.9127	48	3	2.0420	.9379
2.554	4.5971	.9224	.9190	1.0899	3	1	16.1640	34.2880
2.892	5.7834	.2932	.2322	1.3172	45	3	2.3049	1.0884
3.277	7.8641	.3239	.2377	1.2523	34	3	2.4549	1.1859
3.536	6.3646	.3333	.1885	.8315	41	3	2.1340	.9167
3.902	8.5894	.3171	.1828	.8033	31	3	2.0126	.8225
4.132	2.0659	.9178	.9052	1.1139	5	1	24.6200	53.0930
4.253	2.1263	.9178	.9052	1.1139	5	1	25.3400	54.5930

Station 8

Station 8, cont'd.

4.361	2.1805	.9264	.8994	1.1328	4	1	26.4790	55.2300
4.819	9.6386	.3552	.1336	.5262	28	3	1.7960	.5953
5.002	12.0034	.4003	.1387	.4856	22	3	1.9456	.5553
5.197	13.6340	.2224	.0659	.3287	20	3	2.1615	.5036
6.256	11.2604	.2123	.0576	.1393	24	3	2.5362	.5423
7.072	3.5362	.9170	.8919	1.5391	3	1	42.7210	75.2760
7.634	18.3211	.1058	.0460	.1079	15	3	3.2903	.6541
8.032	16.0645	.2229	.1351	.0600	17	3	3.9653	.6706
9.843	21.6539	.4522	.3059	.2664	12	3	6.2638	.9236
11.066	19.9219	.6063	.2194	.1018	14	3	17.4170	1.6090
11.651	27.9634	.5982	.2749	.2956	10	3	15.5400	1.3065
13.387	26.7745	.8869	.9908	.5217	10	3	23.8980	3.2867
15.633	34.3914	.9393	.7033	.6022	9	2	33.3050	7.8922
17.784	42.6821	.9800	.7199	.5270	7	2	34.6960	9.5212
19.581	35.2473	.9895	.8133	.3829	8	3	33.7090	7.7330
22.312	44.6229	.9875	.8947	.2056	7	3	35.4900	7.9169
24.829	54.6209	.9788	.9347	.1277	6	3	36.1750	8.7080
27.144	65.1466	.9800	.9409	.1391	5	3	39.3600	9.2173
34.644	62.3597	.9729	.9527	.2099	5	3	41.6730	9.6692
37.186	74.3716	.9703	.9620	.3392	4	3	41.0290	10.3700
39.432	86.7528	.9652	.9618	.4970	3	3	38.4060	10.9340
41.420	99.4332	.9290	.9519	.5382	4	2	33.9920	10.1090
61.293	110.3290	.7249	.9526	1.8445	3	2	21.4820	9.8900
99.167	99.5810	.6713	.9098	1.6542	5	2	37.1100	17.2700
102.062	51.0308	.6713	.9098	1.6542	5	2	38.1940	17.7750
104.665	52.3319	.6072	.8972	1.2642	4	2	29.5160	17.1580
163.736	84.8680	.5228	.7999	1.0765	3	3	39.2040	29.9070

IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0604	.4029	2	200	6.2529	9.8074	135.2800	.1967	.4840
.029	.0562	.3843	2	200	8.1169	12.0890	212.0400	.3367	.7469
.034	.0520	.3942	1	200	10.5770	14.9150	334.3300	.5823	1.1579
.039	.0479	.3769	1	195	13.2170	19.8200	567.5300	.9294	2.0902
.044	.0922	.2631	1	200	16.9780	24.3230	879.8500	2.2135	4.5433
.051	.0893	.3844	1	200	16.7730	22.7710	799.8700	2.2835	4.2085
.059	.0867	.4925	1	200	16.0890	21.3010	712.6200	2.2456	3.9362
.068	.1499	.2088	2	200	7.5869	13.0550	227.9700	.9585	2.8382
.078	.2147	.3593	2	200	6.7495	12.6050	204.4500	.8150	2.8427
.137	.3277	.5353	1	200	8.2316	13.4520	298.7200	1.8503	4.9413
.147	.2652	.5598	1	200	8.5250	13.6380	258.6600	2.1419	5.4802
.201	.4016	.5008	1	200	8.7277	13.7960	265.1300	3.0592	7.5887
.204	.5022	.5055	1	200	8.6792	13.6160	260.7300	3.1395	7.7272
.255	.5681	.4297	1	200	8.1847	12.9140	233.7500	3.4596	8.6124
.261	.4892	.4267	1	200	8.0385	12.9660	232.7200	3.3685	8.7635
.316	.7634	.4038	1	200	7.3672	12.5940	212.8800	3.4528	10.0890
.325	.6693	.4024	1	200	6.9009	12.2460	197.5800	3.1877	10.0380
.410	.9023	.3783	1	200	6.3915	11.5290	173.7800	3.3508	10.9030
.481	.8301	.4479	2	200	5.7996	10.7900	150.0600	3.1023	10.7380
.495	1.1651	.5065	2	200	6.1308	10.7020	152.1200	3.6496	11.1200
.554	1.1156	.4833	2	200	5.9807	10.1150	132.3400	3.3510	11.4130
.609	1.4490	.4788	3	185	.0980	.1089	.0142	.0003	.0014
.611	1.3491	.3214	3	200	.1127	.1597	.0382	.0016	.0031
.625	1.2492	.5388	3	195	.1658	.2823	.1072	.0034	.0100
.651	1.4330	.5243	2	200	5.2659	9.8730	125.2100	3.6124	12.6980
.741	1.7784	.5362	2	200	5.1677	9.8946	123.6200	3.9576	14.3630
.814	1.4686	.4220	2	200	4.9903	9.2918	111.2400	4.0637	14.0880
.933	1.8593	.5256	1	200	5.2774	9.1494	111.5600	5.1784	15.5650
1.035	2.2759	.4690	1	195	5.0884	9.1294	109.2400	5.3570	17.2440
1.191	2.7144	.4214	1	195	4.9799	8.8795	103.6500	5.6097	17.8350
1.419	3.6786	.5262	3	200	.5710	.0850	.3333	.3143	.0070
1.602	12.0034	.4856	3	200	.6678	.0686	.4507	.4461	.0047
1.797	10.6340	.3287	3	205	.3196	.0054	.0990	.1227	.0000
2.256	11.2604	.1343	3	205	.3063	.0112	.0939	.1174	.0002
2.634	14.3211	.1079	3	195	.2001	.0225	.0405	.0611	.0008
3.002	16.0695	.0600	3	195	.3453	.0880	.1270	.1916	.0124
3.461	21.6519	.2644	3	195	.8265	.2073	.7261	1.3447	.0896
4.068	19.9219	.1018	3	190	1.7128	.1335	2.9514	6.4936	.0395
4.651	27.9634	.2956	3	190	1.5726	.2397	2.5307	5.7634	.1339
5.387	24.7745	.5217	3	195	2.7311	.4257	7.6404	19.9710	.3251
6.256	42.6421	.5270	2	200	3.1225	1.1053	10.9710	34.6780	4.3449
7.541	35.2471	.3824	3	200	3.0645	1.2767	11.0210	36.7800	6.3830
8.312	44.6229	.2056	3	200	2.8210	1.4084	9.9414	35.5110	8.8512
9.228	54.6209	.1277	3	205	2.5660	1.4146	8.5851	32.6940	9.9361
10.444	65.1466	.1391	3	205	2.5439	1.4151	8.4740	35.1320	10.9720
11.644	62.3547	.2094	3	200	2.2630	1.2145	6.5963	35.4840	10.2210
12.126	74.3716	.3392	3	200	2.1015	1.210.	5.8816	32.8490	10.8940
13.432	66.7528	.4970	3	200	1.8810	1.1807	4.9321	27.9030	10.9940
14.410	69.4332	.5382	2	205	1.6276	1.0628	3.7785	21.9500	9.3544

Station 8, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.2263	.7133	.8135	355	3	1.5346	.3277
.026	.0562	.3277	.7254	1.0099	381	3	1.2623	.4483
.026	.0521	.4555	.7469	1.1756	411	3	1.1431	.6466
.027	.0479	.6862	.7785	1.3867	447	2	1.2235	1.2575
.038	.0922	.6433	.5860	1.7666	232	3	.9226	.6938
.041	.0893	.7275	.6757	1.9099	240	2	1.2783	1.0840
.043	.0868	.7507	.6974	2.0660	247	2	1.4344	1.2565
.047	.0848	.7521	.7050	1.9707	252	2	1.4834	1.4290
.059	.1407	.7331	.7147	1.5499	153	2	1.5359	1.7679
.064	.1419	.4662	.4757	.2072	151	3	.6014	.8117
.072	.1447	.3871	.3659	.5024	148	3	.4079	.4466
.083	.1500	.2887	.2931	1.4624	144	3	.1775	.0873
.089	.2148	.2754	.2148	1.4084	100	3	.1649	.0887
.102	.2253	.1555	.1678	3.4266	96	3	.0494	.0397
.121	.2411	.1648	.1834	23.9860	90	3	.0415	.0485
.137	.3278	.1690	.1979	3.3404	66	3	.0421	.0690
.147	.2653	.1866	.2074	2.7600	81	3	.0525	.0996
.163	.3579	.2142	.2177	2.4036	60	3	.0803	.2657
.201	.4018	.3144	.3016	3.5363	54	3	.1791	.2969
.209	.5004	.3469	.3300	4.1873	44	3	.2072	.3154
.258	.5684	.3511	.2254	2.1890	39	3	.1547	.0945
.261	.4694	.3804	.2989	2.3373	46	3	.1476	.0881
.318	.7638	.4115	.2751	2.2384	28	3	.1195	.0551
.335	.6697	.4434	.3028	2.1130	33	3	.1503	.0594
.410	.9027	.4826	.3647	2.5143	24	3	.2404	.0925
.461	.8305	.5111	.4072	2.9072	27	3	.3239	.1371
.486	1.1657	.5049	.3793	2.2888	20	3	.4622	.1793
.558	1.1161	.5225	.4095	2.7204	20	3	.4851	.2919
.604	1.4490	.4599	.3915	1.2878	178	3	.2928	.0871
.613	1.3491	.4589	.3741	1.8789	191	3	.1681	.1134
.625	1.2492	.4857	.3916	2.0445	206	3	.1747	.1114
.638	1.1992	.4781	.3830	1.6510	224	3	.1257	.1110
.652	1.4337	.5507	.4760	4.4696	16	3	.5520	.3575
.741	1.7793	.5286	.4423	4.5197	13	3	.6256	.4710
.816	1.4693	.5225	.4703	4.1759	16	3	.8237	.6041
.922	2.2117	.4570	.4311	2.9794	117	3	.1923	.1568
.930	1.8602	.4919	.4455	4.6103	12	3	1.0405	.7441
.974	2.1427	.3717	.3412	1.6087	121	3	.1404	.1594
1.035	2.2770	.4812	.4377	1.7360	11	3	1.0899	.9046
1.041	2.0819	.3137	.3757	1.2122	124	3	.1039	.1995
1.130	2.0333	.3339	.3840	1.3037	127	3	.1182	.2143
1.132	2.7157	.4687	.4467	1.3871	9	3	1.3281	.9743
1.407	3.3758	.3555	.3802	1.4139	77	3	.1479	.2598
1.444	2.5996	.4589	.2864	.7367	9	3	1.7203	.6900
1.547	3.4031	.3630	.3738	2.1077	76	3	.1723	.2562
1.550	3.1004	.4299	.2930	.6561	8	3	1.7772	.6699
1.644	3.6165	.3890	.2085	.5201	6	3	2.0712	.6143
1.727	4.1451	.3424	.2867	.3377	6	3	1.6949	.5329
1.735	3.4699	.4359	.4022	18.2960	75	3	.2913	.2654
1.999	3.5974	.4554	.3994	12.9970	72	3	.3763	.2675
2.147	5.1525	.4454	.3685	2.5071	50	3	.4274	.2626
2.457	5.4048	.4642	.3916	8.0537	48	3	.4842	.3155
2.555	4.5992	.4118	.2144	.5112	5	3	1.4659	.4274
2.584	5.1674	.4118	.2144	.5112	5	3	1.4823	.4327
2.611	5.7438	.4118	.2144	.5112	5	3	1.4979	.4372
2.636	6.3267	.4741	.2315	.5475	4	3	1.2550	.4617
2.892	5.7834	.4802	.3741	12.5740	45	3	.4089	.2916
3.277	7.8641	.4502	.3817	7.0179	34	3	.3297	.3274
3.536	6.3696	.3593	.3166	7.7423	41	3	.3570	.2644

Station 9

3.902	8.5844	.3276	.2868	6.0335	31	3	.3239	.2028
5.147	9.1224	.3310	.2683	1.0171	4	3	1.2396	.3454
5.306	8.6125	.3310	.2683	1.0171	4	3	1.2866	.4004
5.521	8.1374	.3310	.2683	1.0171	4	3	1.3507	.4204
5.819	9.6386	.2874	.2117	3.9505	28	3	.2575	.1295
5.002	12.6034	.3156	.1628	2.3109	22	3	.2359	.1002
6.197	13.6340	.2675	.3505	2.8956	20	3	.1669	.0939
6.256	11.2604	.2543	.2511	1.4143	24	3	.1504	.0877
6.660	3.3098	.3235	.2668	1.0484	6	3	2.0397	.6273
7.634	18.3211	.2095	.3410	2.0731	15	3	.2054	.0753
8.032	16.0645	.2529	.3508	.6661	17	3	.2284	.0553
8.843	21.6539	.3718	.2754	.2214	12	3	.2625	.0379
10.732	5.3662	.3682	.4336	6.7839	3	3	10.0020	.6234
11.065	19.9219	.4718	.3937	.3893	14	3	.4522	.0917
11.483	5.7415	.3682	.4336	6.7839	3	3	10.7025	.6734
11.651	27.9634	.4691	.4061	.3713	10	3	.4718	.0777
12.519	6.2594	.3682	.4336	6.7839	3	3	11.6670	.7342
13.387	26.7745	.4820	.3198	.4157	10	3	1.0326	.2943
15.633	34.3914	.4890	.4746	1.5643	9	3	2.5981	.3101
17.234	42.6821	.4957	.5776	1.5967	7	3	4.7196	.5386
19.581	35.2473	.4379	.6006	8.0728	8	3	4.9526	.8664
22.312	44.6229	.5302	.6397	1.9693	7	3	7.1965	.8199
24.278	54.6209	.6402	.7440	11.8310	6	2	5.0135	1.0817
27.144	65.1466	.6680	.8039	4.6859	5	2	6.1406	1.3322
34.644	62.3597	.5300	.9279	.2127	5	3	7.8933	.6662
37.186	74.3716	.5838	.4083	.3946	4	3	8.6307	.4419
39.432	86.7528	.5997	.3957	.6334	3	3	6.5649	.4914
41.430	99.4332	.5051	.4507	.4845	4	3	4.9238	.6961
41.297	110.3290	.5718	.5566	.5893	3	3	6.5318	.8244
99.167	49.5810	.5566	.5339	.6946	5	3	10.2070	1.4862
102.042	51.0304	.5566	.5339	.6946	5	3	10.5060	1.5303
104.665	52.3314	.6283	.5721	1.9145	4	2	9.5935	2.7161
105.734	84.8620	.8044	.6920	.9994	3	2	16.6950	5.1256

Station 9, cont'd.

Station 9, cont'd.

[illegible] IMPEDANCE AND APPARENT RESISTIVITY DATA

[illegible]	PERIOD	THICKNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
[illegible]	1419	.2072	3	160	3.2429	3.6652	23.9510	.1356	.1723
[illegible]	1447	.5024	3	160	1.9548	1.8508	7.2467	.0553	.0495
[illegible]	6165	.5201	3	155	.9103	.2148	.8748	.2724	.0152
[illegible]	1451	.3377	3	165	.6938	.3223	.5857	.1663	.0359
[illegible]	6992	.5112	3	170	.6303	.2119	.4922	.2030	.0229
[illegible]	1624	.5112	3	170	.6303	.2119	.4922	.2053	.0232
[illegible]	7478	.5112	3	170	.6303	.2119	.4922	.2074	.0234
[illegible]	3267	.5475	3	165	.5670	.2464	.3822	.1695	.0320
[illegible]	21 6539	.2214	3	140	.1333	.0285	.0186	.0350	.0016
[illegible]	19 5219	.3893	3	145	.1698	.0949	.0362	.0601	.0199
[illegible]	27 9634	.3713	3	145	.1628	.0876	.0342	.0618	.0179
[illegible]	24 7745	.4157	3	155	.2606	.1035	.0786	.1818	.0287
[illegible]	42 3597	.2127	3	170	.5908	.1109	.3048	2.0267	.0852
[illegible]	76 3718	.3996	3	170	.5799	.1098	.3483	2.5008	.0897
[illegible]	98 4332	.4885	3	170	.9263	.1011	.1920	1.5059	.0947
[illegible]	110 3230	.5843	3	175	.9824	.0979	.2423	2.8526	.1175

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARNT RX	APPARNT RY
.025	.0604	.4267	.3804	1.1295	355	3	.0004	.0004
.026	.0562	.4205	.3889	1.0841	381	3	.0004	.0004
.026	.0521	.5278	.5095	1.2453	411	3	.0005	.0005
.027	.0479	.5194	.4976	1.1601	447	3	.0006	.0006
.038	.0922	.6203	.6825	1.5923	232	3	.0015	.0015
.041	.0893	.5987	.6447	1.4849	240	3	.0017	.0017
.043	.0868	.6099	.6401	1.3681	247	3	.0021	.0020
.047	.0848	.6978	.7332	1.6235	252	3	.0021	.0022
.059	.1407	.7011	.6881	1.3975	153	3	.0028	.0032
.064	.1419	.6982	.6585	1.2780	151	3	.0028	.0037
.072	.1447	.7376	.6572	1.5493	148	3	.0029	.0043
.083	.1500	.8455	.7298	1.9173	144	3	.0026	.0044
.089	.2148	.8647	.7414	2.2188	100	3	.0028	.0047
.107	.2253	.8553	.7054	2.4786	96	3	.0027	.0056
.121	.2411	.8509	.6045	2.7206	90	3	.0027	.0066
.137	.3278	.7767	.4371	2.5344	66	3	.0025	.0087
.147	.2653	.6914	.2933	2.6379	81	3	.0021	.0120
.163	.3579	.6513	.2186	2.5936	60	3	.0021	.0149
.201	.4018	.2415	.0836	.7954	54	3	.0007	.0228
.208	.5004	.2095	.0888	.6858	44	3	.0006	.0243
.259	.5684	.3315	.1688	2.5593	39	3	.0007	.0205
.261	.4694	.2783	.1346	16.4750	46	3	.0005	.0200
.318	.7638	.2002	.1488	.9875	28	3	.0004	.0192
.335	.6697	.1875	.1572	1.0321	33	3	.0003	.0181
.410	.9027	.0949	.0907	1.4739	24	3	.0002	.0171
.461	.8305	.1306	.0969	.1812	27	3	.0001	.0127
.486	1.1657	.1742	.1201	.6120	20	3	.0001	.0131
.558	1.1161	.1315	.1526	1.2663	20	3	.0001	.0124
.604	1.4490	.5592	.2756	1.2541	178	3	.0000	.0001
.613	1.3491	.5280	.2032	1.0087	191	3	.0000	.0001
.625	1.2492	.4595	.1272	1.5678	206	3	.0000	.0002
.638	1.1992	.3791	.1164	1.0291	224	3	.0000	.0002
.652	1.4337	.1989	.1850	.7127	16	3	.0001	.0126
.741	1.7793	.1877	.0827	.8482	13	3	.0001	.0115
.816	1.4693	.1330	.0738	.2362	16	3	.0001	.0111
.922	2.2117	.1013	.1588	1.1346	117	3	.0000	.0058
.930	1.8602	.1636	.1973	.7061	12	3	.0001	.0122
.974	2.1427	.6731	.2942	2.3484	121	3	.0000	.0006
1.035	2.2770	.1503	.1432	.9892	11	3	.0001	.0104
1.041	2.0819	.5898	.2073	2.3575	124	3	.0000	.0008
1.130	2.0333	.5196	.1667	2.1928	127	3	.0000	.0010
1.132	2.7157	.1638	.1275	2.2110	9	3	.0001	.0114
1.407	3.3758	.5076	.1668	2.2762	77	3	.0000	.0013
1.444	2.5996	.2088	.1687	7.1940	9	3	.0001	.0166
1.547	3.4031	.0825	.0777	.7644	76	3	.0000	.0016
1.550	3.1004	.2087	.1542	1.4845	8	3	.0001	.0177
1.644	3.6165	.1994	.1929	.8174	6	3	.0001	.0177
1.727	4.1451	.2986	.0644	.4419	6	3	.0002	.0200
1.735	3.4699	.0600	.0721	1.1383	75	3	.0000	.0022
1.999	3.5974	.0762	.0857	.7685	72	3	.0000	.0032
2.147	5.1525	.0861	.0603	.6165	50	3	.0000	.0037
2.457	5.4048	.1005	.1114	.6890	48	3	.0000	.0052
2.555	4.5992	.1029	.2276	1.9202	5	3	.0007	.0239
2.584	5.1674	.1029	.2276	1.9202	5	3	.0007	.0237
2.611	5.7438	.1029	.2276	1.9202	5	3	.0007	.0240
2.636	6.3267	.0965	.2768	1.4572	4	3	.0007	.0244
2.892	5.7234	.1059	.0889	.5320	45	3	.0001	.0044
3.277	7.8641	.1368	.0683	.0354	34	3	.0001	.0077
3.536	6.3646	.1210	.0465	1.0755	41	3	.0002	.0102

Station 10

Station 10, cont'd.

3.902	8.5844	.1293	.1143	.6944	31	3	.0002	.0126
4.147	9.1224	.2938	.2369	1.4124	4	3	.0015	.0567
4.306	8.6125	.2938	.2369	1.4124	4	3	.0016	.0569
4.521	8.1374	.2938	.2369	1.4124	4	3	.0017	.0619
4.819	9.6386	.2065	.1604	.6601	28	3	.0005	.0226
5.002	12.0034	.2052	.1592	.6818	22	3	.0006	.0248
6.197	13.6340	.2037	.0861	.5360	20	3	.0008	.0371
6.256	11.2604	.1968	.0667	.7705	24	3	.0007	.0333
6.660	3.3298	.2902	.2377	1.3999	6	3	.0025	.0898
7.634	18.3211	.1768	.0544	.8368	15	3	.0009	.0348
8.032	16.0645	.0843	.1240	.7421	17	3	.0008	.0375
9.843	21.6539	.1976	.2490	.3409	12	3	.0009	.0332
10.732	5.3662	.3491	.3291	4.1702	3	3	.0045	.0654
11.068	19.9219	.1686	.1200	.0744	14	3	.0009	.0355
11.483	5.7415	.3491	.3291	4.1702	3	3	.0048	.0700
11.651	27.9634	.1961	.1376	.4085	10	3	.0010	.0391
12.519	6.2594	.3491	.3291	4.1702	3	3	.0052	.0763
13.387	26.7745	.2087	.0718	.3320	10	3	.0010	.0359
15.633	34.3914	.1629	.1013	1.0318	9	3	.0013	.0216
17.784	42.6821	.2149	.1234	1.1585	7	3	.0009	.0094
19.581	35.2473	.2666	.1475	.0556	8	3	.0005	.0075
22.312	44.6229	.2809	.2673	.2125	7	3	.0005	.0055
24.828	54.6209	.2837	.2841	.7136	6	3	.0003	.0053
27.144	65.1466	.2869	.3368	.7535	5	3	.0003	.0056
34.644	62.3597	.3299	.2240	.5257	5	3	.0002	.0051
37.186	74.3716	.3247	.2358	.5357	4	3	.0003	.0052
39.432	86.7528	.3552	.1950	.7572	3	3	.0003	.0054
41.430	99.4332	.2909	.1970	1.1305	4	3	.0002	.0035
61.293	110.3290	.4283	.2481	3.9599	3	3	.0003	.0023
99.167	49.5810	.3517	.2504	1.6140	5	3	.0005	.0039
102.062	51.0308	.3517	.2504	1.6140	5	3	.0005	.0040
104.665	52.3319	.5331	.3135	2.6141	4	3	.0005	.0037
169.736	84.8660	.5711	.4062	3.3896	3	3	.0009	.0047

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.461	8305	.1812	3	95	.0044	.0335	.0011	.0000	.0001
.814	1.4693	.2362	3	105	.0021	.0185	.0003	.0000	.0001
1.727	4.1451	.4419	3	115	.0039	.0164	.0003	.0000	.0001
2.892	5.7834	.5320	3	115	.0016	.0150	.0002	.0000	.0001
3.277	7.8641	.0354	3	100	.0023	.0073	.0001	.0000	.0000
6.197	13.6340	.5360	3	100	.0059	.0157	.0003	.0000	.0003
9.243	21.6539	.3409	3	110	.0052	.0302	.0009	.0001	.0018
11.066	19.9219	.0744	3	105	.0029	.0161	.0003	.0000	.0006
11.651	27.9634	.4085	3	105	.0042	.0184	.0004	.0000	.0008
13.387	26.7745	.3320	3	100	.0041	.0078	.0001	.0000	.0002
19.581	35.2473	.0556	3	75	.0022	.0061	.0000	.0000	.0001
22.312	44.6229	.2125	3	100	.0028	.0082	.0001	.0000	.0003
34.644	62.3597	.5257	3	90	.0044	.0024	.0000	.0001	.0000
37.184	74.3716	.5357	3	130	.0022	.0045	.0000	.0000	.0002

Station 10, cont'd.

ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARENT RX	APPARENT RY
.025	.0604	.4640	.5813	.2895	355	3	.0624	.1167
.026	.0562	.5083	.5322	.2130	381	3	.0746	.1221
.026	.0521	.4900	.3591	.4071	411	3	.1241	.1175
.027	.0479	.4256	.3203	.8299	447	3	.1505	.1729
.038	.0922	.1022	.3234	.6091	232	3	.0708	.3758
.041	.0893	.1484	.2746	.8359	240	3	.0914	.2406
.043	.0868	.1967	.3301	.9553	247	3	.1102	.2671
.047	.0848	.2155	.3849	.7895	252	3	.1336	.3366
.059	.1407	.4240	.5094	.9543	153	3	.2698	.4505
.064	.1419	.4878	.6697	.6785	151	3	.3017	.7475
.072	.1447	.4442	.6720	.0842	148	3	.2738	.8720
.083	.1500	.3961	.5727	.3070	144	3	.2404	.6343
.089	.2148	.3414	.5008	.3741	100	3	.2084	.5529
102	.2253	.3812	.5100	.3283	96	3	.2424	.5273
121	.2411	.3469	.4573	.3777	90	3	.2229	.5381
137	.3278	.3250	.4496	.3267	66	3	.2138	.6159
147	.2653	.2730	.3552	.9178	81	3	.1310	.3247
.163	.3579	.2192	.2861	1.0585	60	3	.0879	.2298
.201	.4018	.1934	.2135	2.1712	54	3	.0470	.1673
.209	.5004	.1712	.2034	1.9284	44	3	.0424	.1972
.259	.5684	.0540	.0762	1.3623	39	3	.0711	.1375
241	.4694	.0518	.0624	.9252	46	3	.0677	.1277
318	.7638	.0667	.1739	4.2772	28	3	.0792	.1396
335	.6697	.0735	.1125	.9969	33	3	.0827	.1621
410	.9027	.1063	.1578	.2360	24	3	.0630	.3911
461	.8305	.2077	.1393	.4220	27	3	.1826	.3324
466	1.1657	.1412	.1731	.8307	20	3	.1664	.3635
552	1.1161	.2392	.1253	.7699	20	3	.2493	.3468
604	1.4498	.1864	.1620	1.4350	355	3	.2967	.1292
614	1.3498	.1905	.1517	1.2378	381	3	.3578	.1949
625	1.2498	.2110	.2229	1.7251	411	3	.3967	.1455
639	1.1498	.1659	.2585	.9176	447	3	.4860	.1537
652	1.4337	.1873	.1821	1.2213	16	3	.4009	.2201
741	1.7793	.2497	.2673	.3970	13	3	1.1073	.2353
.816	1.4693	.1617	.2301	1.6120	16	3	1.0861	.2332
922	2.2128	.1715	.2089	1.6173	232	3	.8047	.1668
930	1.8602	.1701	.2437	6.7543	12	3	1.3919	.2676
974	2.1428	.1061	.2500	3.7004	240	3	.7659	.1704
1.039	2.2770	.2793	.2305	7.2389	11	3	1.3953	.2774
1.041	2.0830	.1148	.2227	2.1389	247	3	1.2868	.2164
1.130	2.0343	.1443	.2057	2.8409	252	3	1.0876	.2845
1.132	2.7157	.2705	.2636	1.6744	9	3	1.0070	.2767
1.407	3.3775	.1562	.2017	8.4940	153	3	1.1357	.3787
1.446	2.5994	.3274	.3922	2.3359	9	3	.2927	.2502
1.548	3.4048	.2005	.2331	7.4668	151	3	1.1228	.4863
1.550	3.1004	.3475	.4055	3.2794	8	3	.2999	.2694
1.666	3.6165	.4011	.4315	.8105	6	3	.1428	.2588
1.727	4.1451	.2448	.3724	2.8296	6	3	.1136	.2328
1.734	3.4716	.2626	.2129	3.2649	148	3	.7124	.4444
1.999	3.5991	.2838	.2334	3.5813	144	3	.6886	.5660
2.146	5.1549	.3258	.2667	4.5564	100	3	.7300	.6073
2.468	5.4077	.3106	.3150	6.0340	96	3	.5659	.6390
2.565	4.5992	.3323	.1809	1.3365	5	3	.0912	.2454
2.566	5.1474	.3323	.1809	1.3365	5	3	.0922	.2536
2.611	5.7438	.3323	.1809	1.3365	5	3	.0932	.2642
2.636	6.3247	.2726	.1466	.5332	4	3	.0801	.2504
2.693	5.7860	.2437	.2509	5.3691	90	3	.5669	.6029
2.776	7.8474	.1697	.2014	2.8336	66	3	.4691	.6275
2.836	6.3474	.2369	.2423	1.8969	81	3	.4101	.6406

Station 11

2.964	8.5889	.2491	.2435	1.6815	60	3	.4283	.5666
4.147	9.1224	.6083	.4090	.4983	4	3	.0860	.3535
4.306	8.6125	.6083	.4090	.4983	4	3	.0893	.3671
4.521	8.1374	.6083	.4090	.4983	4	3	.0937	.3654
4.822	9.6432	.3268	.3434	1.2500	54	3	.3542	.4692
5.064	12.0093	.3123	.3419	1.2106	44	3	.3773	.4216
4.250	13.6407	.1612	.2624	.5447	39	3	.3249	.3674
4.259	11.2658	.1433	.1898	.6090	46	3	.0937	.3654
6.646	3.3298	.6050	.4016	.4787	6	3	.2875	.3828
7.638	18.3298	.1649	.1299	.1463	28	3	.1352	.5669
8.036	16.0725	.1169	.1326	.6062	33	3	.2168	.3255
9.647	21.6647	.1621	.2183	.3240	24	3	.2279	.2944
10.732	5.3662	.8132	.8259	.4479	3	3	.3161	.4293
11.073	19.9318	.2034	.2137	.5730	27	3	.1770	1.0643
11.483	5.7415	.8132	.8259	.4479	3	3	1.7516	1.9715
11.657	27.9775	.2345	.2225	.2112	20	3	.1894	1.0764
12.519	6.2594	.8132	.8259	.4479	3	3	2.4329	2.3472
13.394	26.7474	.8982	.8826	1.2449	20	3	.2065	1.1737
15.640	34.4080	.8965	.8692	1.0548	16	3	15.7300	20.0430
17.793	42.7022	.8930	.8468	2.2955	13	3	20.5330	27.3270
19.591	35.2634	.9259	.9074	2.1785	16	3	21.1760	37.3476
22.323	44.6449	.9274	.9091	3.2251	12	3	27.8200	25.6286
24.840	54.6478	.9112	.8967	6.4514	11	3	33.1846	29.9726
27.157	65.1763	.9152	.9074	2.9090	9	3	36.3930	29.1920
34.661	62.3908	.7494	.7195	1.3369	9	3	40.5916	26.8460
37.205	74.4103	.7499	.7149	1.3762	8	3	35.3490	14.7716
39.452	86.7980	.7241	.6591	.9118	6	3	37.3456	15.9285
41.451	99.4827	.7512	.6714	.8677	6	3	19.5450	4.8928
61.323	110.3826	.5176	.5050	.5451	5	2	21.3650	6.4550
62.508	124.0156	.5170	.5050	.5451	5	3	8.6694	3.5649
62.661	137.8512	.5170	.5050	.5451	5	3	8.7661	3.6047
63.267	151.8395	.5485	.5455	.3475	4	3	8.8583	3.6425
99.522	218.9381	.6947	.7547	1.0616	4	3	6.7869	3.5217
103.344	206.6927	.6947	.7547	1.0616	4	3	3.0634	4.5312
109.495	195.2934	.6947	.7547	1.0616	4	3	3.1812	4.7655
159.831	79.9169	.6263	.6241	1.0541	6	3	3.3397	4.9425
257.573	128.7880	.7203	.7535	.1038	3	2	6.0512	11.4036
275.528	137.7942	.7203	.7535	.1038	3	2	136.8100	545.6405
166.454	146.2246	.7203	.7535	.1038	3	2	146.3600	465.2255
							159.5850	455.8250

Station 11, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.025	.0604	.2895	3	105	1.7318	2.7819	10.7380	.0151	.0396
.026	.0562	.2130	3	100	2.0901	2.6428	11.3530	.0223	.0357
.024	.0521	.4071	3	105	2.5365	1.7442	9.9762	.0335	.0154
.022	.1447	.0842	3	100	1.9343	5.1062	29.8150	.0541	.3772
.023	.1500	.3070	3	105	1.4909	3.4542	14.1540	.0370	.1968
.089	.2148	.3741	3	105	1.1597	2.7118	8.6987	.0241	.1316
.102	.2253	.3283	3	100	1.1469	2.5799	7.9701	.0269	.1363
.121	.2411	.3777	3	100	.8716	2.1489	5.3752	.0183	.1113
.137	.3278	.3267	3	100	.6955	2.0869	4.8387	.0132	.1190
.410	.9027	.2360	3	90	.0711	.3056	.0984	.0004	.0077
.461	.8305	.4220	3	95	.2863	.2468	.1429	.0076	.0056
.741	1.7793	.3970	3	110	.6829	.3326	.5770	.0691	.0164
2.636	6.3267	.5332	3	145	.0691	.1300	.0217	.0025	.0049
3.147	9.1224	.4983	3	135	.0983	.3812	.1477	.0019	.1205
4.306	8.6125	.4983	3	135	.0983	.3812	.1477	.0020	.1252
4.521	8.1374	.4983	3	135	.0983	.3812	.1477	.0021	.1314
6.200	13.6407	.5447	3	120	.0244	.1815	.0335	.0007	.0458
6.665	3.3298	.4787	3	135	.0460	.3781	.1451	.0028	.1904
7.638	18.3298	.1463	3	60	.0981	.0046	.0096	.0147	.0000
9.847	21.6647	.3240	3	130	.0121	.1329	.0177	.0003	.0345
10.732	5.3662	.4479	3	120	.0974	.6951	.4926	.0209	1.0371
11.073	19.9318	.5730	3	130	.0743	.2737	.0804	.0122	.1658
11.493	5.7415	.4479	3	120	.0974	.6951	.4926	.0218	1.1096
11.657	27.9775	.2112	3	60	.3026	.0454	.0936	.2135	.0044
12.519	6.2594	.4479	3	120	.0974	.6951	.4926	.0238	1.2097
61.323	110.3826	.5451	3	170	.1132	.6802	.4755	.1571	5.6751
62.008	124.0156	.5451	3	80	.6802	.1132	.4755	5.7389	.1568
62.661	137.8512	.5451	3	170	.1132	.6802	.4755	.1605	5.7967
63.267	151.8395	.3475	3	70	.6612	.0866	.4446	5.5313	.0940
257.573	126.7880	.1038	2	210	2.8725	.5787	8.5861	425.0600	17.2530
275.588	137.7942	.1038	2	120	.5787	2.8725	8.5861	18.4600	454.7900
300.454	150.2246	.1038	2	210	2.8725	.5787	8.5661	495.8100	20.1252

Station 11, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARENT RX	APPARENT RY
.025	.0609	.8028	.8123	.7891	355	1	.1755	.2041
.026	.0562	.8052	.8629	.7631	381	1	.2252	.2537
.026	.0521	.8159	.8630	.7642	411	1	.3083	.3545
.027	.0479	.8325	.9149	.7838	447	1	.5857	.6737
.038	.0922	.6753	.7182	.9255	232	2	1.3051	.9459
.041	.0893	.7633	.8198	1.1811	240	2	1.4794	1.1303
.043	.0868	.7806	.8488	1.3493	247	2	1.4100	1.1746
.047	.0848	.7799	.8656	1.4397	252	2	1.3622	1.1967
.059	.1407	.8638	.9502	1.5795	153	1	1.4581	1.3511
.064	.1419	.8818	.9577	1.9353	151	1	1.3902	1.3562
.072	.1447	.8935	.9613	2.1281	148	1	1.4047	1.4443
.083	.1500	.8946	.9610	2.0487	144	1	1.4852	1.6103
.089	.2148	.8914	.9565	2.1785	100	1	1.4820	1.7032
.107	.2253	.9014	.9582	2.4243	96	1	1.4659	1.7694
.121	.2411	.9223	.9634	2.5736	90	1	1.7497	2.0729
.137	.3278	.9376	.9678	2.4767	66	1	2.0017	2.3508
.147	.2653	.9342	.9622	2.4470	81	1	2.1674	2.5693
.163	.3579	.9290	.9587	2.0947	60	1	2.4189	2.9646
.201	.4018	.9092	.9348	1.7060	54	1	2.5695	3.6934
.208	.5004	.9122	.9324	1.8240	44	1	2.6917	3.7830
.258	.5684	.9060	.9133	1.3008	39	1	2.7867	4.6656
.261	.4894	.9003	.9056	1.3550	46	1	2.8753	4.6629
.318	.7638	.8914	.8835	1.0815	28	1	3.1169	6.0026
.335	.6697	.8811	.8753	1.0959	33	1	3.2925	6.1667
.410	.9027	.8400	.8322	.9783	24	1	4.0448	7.5936
.461	.8305	.8276	.8002	1.1321	27	1	3.8707	8.3721
.486	1.1657	.8077	.7898	1.1911	20	2	4.0778	8.6049
.558	1.1161	.8301	.7512	1.3034	20	2	4.2272	9.6499
.604	1.4490	.0808	.0928	1.6400	178	3	.0280	.0372
.613	1.3491	.0659	.0838	1.7520	191	3	.0403	.0574
.629	1.2492	.0926	.1258	1.0095	206	3	.0699	.1065
.638	1.1492	.1802	.1794	.5293	224	3	.1442	.2424
.652	1.4337	.8235	.7394	1.0952	16	2	4.5706	10.9750
.741	1.7793	.8395	.7256	.6416	13	2	5.1176	12.0020
.816	1.4693	.8340	.6892	.7875	16	2	5.4946	13.1670
.922	2.2117	.5723	.7813	.3262	117	3	1.4785	5.9443
.930	1.8602	.8100	.6598	.4351	12	2	6.1313	15.7870
.974	2.1427	.5321	.6210	.6006	121	3	1.2640	7.6824
1.039	2.2770	.8391	.6446	.9060	11	2	6.5964	18.0770
1.041	2.0819	.5275	.6451	.3898	124	3	1.4872	5.8611
1.130	2.0333	.5479	.6827	.2476	127	3	1.7075	5.9276
1.132	2.7157	.8540	.6060	.6741	9	2	6.9997	21.1603
1.407	3.3758	.5421	.6876	.1727	77	3	2.1617	7.7745
1.444	2.5996	.8890	.5003	1.0200	9	3	9.1516	25.1535
1.517	3.4031	.5641	.8512	.4311	76	3	2.6108	12.4803
1.550	3.1004	.8959	.5106	.9700	8	3	9.7138	27.3435
1.644	3.6165	.9039	.5186	1.1447	6	3	10.1210	27.4240
1.727	4.1451	.9011	.5104	.7020	6	3	11.3590	24.7943
1.735	3.4699	.5752	.8408	.5044	75	3	2.8945	14.9397
1.909	3.5974	.5548	.8180	.6247	72	3	3.2693	17.1870
2.147	5.1525	.5319	.7986	.7024	50	3	3.4776	18.4650
2.457	5.4048	.5398	.7943	.7355	48	3	3.6510	20.3190
2.555	4.5992	.8500	.5430	.2937	5	3	16.0370	34.0600
2.584	5.1674	.8500	.5430	.2937	5	3	16.2160	34.4400
2.611	5.7438	.8500	.5430	.2937	5	3	16.3870	34.8020
2.636	6.3267	.8340	.5434	.2211	4	3	16.5840	34.2710
2.892	5.7634	.5643	.7913	.8711	45	3	9.7232	20.7930
3.277	7.2641	.5711	.7734	.9393	34	3	9.9397	23.8840
[illegible]	6.3646	.5643	.7528	.9883	41	3	9.7902	24.3550

Station 12

3.902	8.5844	.5516	.7196	1.0192	31	3	3.9034	25.3595
4.147	9.1224	.8878	.3933	.1239	4	3	24.5580	57.8540
4.306	8.6125	.8878	.3933	.1239	4	3	25.5030	60.0836
4.521	8.1374	.8878	.3933	.1239	4	3	26.7730	63.0770
4.819	9.6386	.9969	.6552	1.1561	28	3	3.9075	25.5450
5.002	12.0034	.5068	.6585	1.1558	22	3	3.9135	25.9040
4.147	13.6340	.4894	.6049	1.4481	20	3	4.1048	28.3350
6.256	11.2604	.4693	.5853	1.2763	24	3	3.9103	27.9265
6.666	3.3298	.8873	.3930	.1256	6	3	39.3570	92.6350
7.634	18.3211	.4494	.5532	1.5119	15	3	4.3220	31.3125
8.032	16.0645	.5170	.5926	1.3317	17	3	4.6458	26.3715
9.843	21.6539	.5375	.6991	1.9946	12	3	9.0545	23.7625
10.732	5.3662	.8587	.3856	.2857	3	3	41.3450	114.1200
11.068	19.9219	.7464	.8657	6.3973	14	2	21.6540	24.7365
11.983	5.7415	.8587	.3856	.2857	3	3	44.2360	122.1650
11.651	27.9634	.7164	.8481	5.4683	10	2	22.4520	23.9610
12.519	6.2594	.8587	.3856	.2857	3	3	48.2270	133.1250
12.387	26.7745	.8708	.9367	1.5709	10	1	33.6390	24.4565
15.633	34.3914	.9198	.9546	1.2448	9	2	39.9470	29.4890
17.784	42.6821	.9403	.9725	.9319	7	3	43.3580	27.0290
19.581	35.2473	.9541	.9804	1.2925	8	3	43.2630	22.2960
22.312	44.6229	.9516	.9822	.7800	7	3	47.0250	16.0350
24.828	54.6209	.9457	.9797	.7683	6	3	47.0250	14.6625
27.144	65.1466	.9477	.9805	.8063	5	3	49.7460	15.6410
34.644	62.3597	.9559	.9822	.9019	5	3	45.7830	14.7045
37.186	74.3716	.9606	.9845	.9650	4	3	43.6390	14.2350
39.432	86.7528	.9669	.9831	.9410	3	2	41.1250	13.9450
41.436	99.4332	.9662	.9799	.9369	4	2	36.9920	13.6310
61.293	110.3290	.9520	.9709	1.0921	3	2	36.6790	14.5490
99.167	49.5215	.8759	.8847	1.0891	5	2	70.7570	32.4600
102.562	51.0308	.8759	.8847	1.0891	5	2	72.5285	33.4050
104.665	52.3314	.8522	.8283	.9915	4	2	75.0440	34.6170
169.736	84.4460	.7213	.6631	.6538	3	2	127.1500	108.4900

Station 12, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.638	1.1497	.5293	3	20	.1917	.2191	.0847	.0047	.0061
.927	2.2117	.3262	3	20	1.6049	4.2141	20.3350	.4747	3.2731
.930	1.8602	.4351	2	20	4.6894	5.9063	56.8750	4.0908	6.4893
1.041	2.0819	.3898	3	20	1.4290	2.6995	9.3292	.4251	1.5172
1.130	2.0333	.2476	3	20	1.5056	3.1258	12.0370	.5121	2.2073
1.407	3.3758	.1727	3	25	1.5909	3.1951	12.7400	.7120	2.8719
1.547	3.4031	.4311	3	20	1.6305	5.3633	31.4230	.8225	8.8990
1.735	3.4699	.5044	3	20	1.5703	5.4403	32.0630	.8557	10.2700
2.555	4.5992	.2937	3	25	4.7615	3.5814	35.4990	11.5960	6.5598
2.584	5.1674	.2937	3	25	4.7615	3.5814	35.4990	11.7150	6.6279
2.611	5.7438	.2937	3	25	4.7615	3.5814	35.4990	11.8390	6.6974
2.634	6.3267	.2211	3	25	4.6385	3.7126	35.2990	11.3440	7.2569
4.147	9.1224	.1239	3	35	5.1268	2.2038	31.1410	21.7980	4.0277
4.306	8.6125	.1239	3	35	5.1268	2.2038	31.1410	22.6370	4.1827
4.521	8.1374	.1239	3	35	5.1263	2.2038	31.1410	23.7650	4.3911
6.660	3.3298	.1256	3	35	5.1227	2.1958	31.0640	34.9530	6.4217
10.732	5.3642	.2857	3	35	4.9434	1.8613	27.9010	52.4530	7.4360
11.443	5.7415	.2857	3	35	4.9434	1.8613	27.9010	56.1210	7.9560
12.519	6.2594	.2857	3	35	4.9434	1.8613	27.9010	61.1440	8.6737

Station 12, cont'd.

NON-ROTATED APPARENT RESISTIVITIES

PERIOD	BANDWIDTH	EX PRED EX	EY PRED EY	SKEWNESS	POINTS IN BW	QUALITY	APPARENT RX	APPARENT RY
.025	.0604	.1884	.4506	3.3820	355	3	.0822	.0153
.026	.0562	.2443	.5502	4.4172	381	3	.1335	.0328
.026	.0521	.3001	.5985	5.5886	411	3	.2172	.0717
.027	.0479	.3559	.6836	6.2065	447	3	.5499	.2652
.038	.0922	.4938	1.2173	1.2425	232	3	.2313	1.4111
.041	.0893	.4380	.2519	1.2653	240	3	.2032	1.0560
.043	.0868	.3690	.2594	.7919	247	3	.1405	.6492
.047	.0898	.3634	.2784	.5713	252	3	.1193	.4807
.059	.1407	.4382	.3543	.5477	153	3	.1677	.5919
.064	.1419	.4677	.3956	.4697	151	3	.2051	.6749
.072	.1447	.5273	.4542	.4305	148	3	.3015	.8565
.083	.1500	.4502	.4806	.1201	144	3	.6279	.9611
.089	.2148	.4269	.5023	.0931	100	3	.7481	.9550
.102	.2253	.2652	.3473	.4690	96	3	.4390	.2504
.121	.2411	.0600	.1095	.5067	90	3	.0326	.0282
.137	.3278	.0325	.0830	.1800	46	3	.0111	.0143
.147	.2653	.0462	.0340	.7362	81	3	.0067	.0044
.163	.3579	.0524	.0312	.5440	60	3	.0045	.0026
.201	.4018	.0819	.0480	.2341	54	3	.0039	.0012
.208	.5004	.0788	.0515	.3796	49	3	.0046	.0010
.258	.5489	.1017	.1358	3.3346	39	3	.0281	.0017
.241	.4694	.0920	.1146	2.7528	46	3	.0261	.0017
.318	.7638	.1584	.1830	1.6121	28	3	.1459	.0091
.335	.6697	.1656	.1813	2.4215	33	3	.1929	.0095
.410	.9027	.0676	.2103	8.7065	24	3	.3738	.0164
.461	.8305	.0715	.1856	2.4442	27	3	.3840	.0133
.466	1.1657	.0817	.1951	3.0362	20	3	.4315	.0145
.558	1.1161	.0592	.2263	6.8475	20	3	.3595	.0121
.604	1.4440	.0454	.1540	3.7522	178	3	.1818	.0092
.613	1.3491	.0775	.1485	2.5683	191	3	.1925	.0098
.625	1.2492	.0745	.1946	2.9882	206	3	.2034	.0113
.638	1.1492	.0633	.1307	2.1041	224	3	.1831	.0090
.652	1.4337	.1003	.1312	2.9632	16	3	.3284	.0116
.741	1.7793	.1052	.1399	1.7440	13	3	.3277	.0113
.814	1.4493	.0844	.1694	1.7929	14	3	.3028	.0104
.922	2.2117	.0949	.1317	1.3864	117	3	.1976	.0087
.930	1.8402	.1277	.1598	1.2911	12	3	.3125	.0111
.974	2.1427	.0615	.1333	2.2774	121	3	.2161	.0094
1.035	2.2779	.0675	.1710	2.3603	11	3	.2462	.0105
1.041	2.6619	.0435	.1621	4.0159	124	3	.2019	.0094
1.130	2.5333	.0379	.1698	5.7192	127	3	.1944	.0081
1.132	2.7157	.1337	.1297	10.5180	9	3	.2256	.0105
1.407	3.3758	.0644	.1654	3.1060	77	3	.2300	.0095
1.446	2.5994	.1241	.1357	2.9035	9	3	.1984	.0087
1.547	3.4031	.0658	.1511	2.8036	76	3	.2484	.0093
1.550	3.1004	.1457	.1643	2.4019	8	3	.2086	.0093
1.648	3.6165	.1449	.1755	2.7269	4	3	.2196	.0094
1.727	4.1458	.1765	.2178	1.9454	6	3	.2603	.0075
1.735	3.4499	.0629	.1117	2.7326	75	3	.2607	.0095
1.996	3.5974	.0646	.1113	1.5674	72	3	.2679	.0092
2.147	5.1525	.0525	.1038	1.7799	50	3	.2775	.0091
2.457	5.4068	.0917	.1432	2.2541	48	3	.2785	.0080
2.555	4.5492	.0965	.2952	3.0819	5	3	.1461	.0056
2.584	5.1674	.0965	.2952	3.0819	5	3	.1478	.0056
2.611	5.7938	.0965	.2952	3.0819	5	3	.1493	.0056
2.636	6.3267	.0900	.3928	.5454	9	3	.1551	.0056
2.892	5.7836	.0458	.1219	1.4443	45	3	.2986	.0046
3.277	7.8841	.1204	.1397	1.2853	34	3	.3331	.0042
3.536	6.3644	.0264	.1068	5.6277	41	3	.3643	.0049

Station 13

3.902	8.5844	.0931	.1084	1.2202	31	3	.3747	.0105
4.147	9.1224	.1904	.1218	1.8956	4	3	.2508	.0069
4.306	8.6125	.1904	.1218	1.8956	4	3	.2604	.0071
4.521	8.1374	.1904	.1218	1.8956	4	3	.2734	.0075
4.819	9.6386	.0832	.1160	2.4036	28	3	.3692	.0101
5.002	12.0034	.1204	.1385	1.3939	22	3	.3940	.0110
6.197	13.6340	.1087	.1023	.7852	20	3	.3183	.0078
6.256	11.2604	.0883	.1021	.9168	24	3	.3465	.0085
6.660	3.3298	.1920	.1179	1.8607	6	3	.3912	.0110
7.634	18.3211	.0887	.0964	.8339	15	3	.5031	.0094
8.032	16.0645	.1161	.1448	1.2523	17	3	.8070	.0154
9.843	21.6539	.2051	.2744	1.4598	12	3	4.0319	.0611
10.732	5.3662	.5146	.2583	.5200	3	3	.1856	.0150
11.068	19.9219	.2539	.3020	1.8666	14	3	26.0230	.3735
11.483	5.7415	.5146	.2583	.5200	3	3	.1986	.0160
11.651	27.9634	.2403	.2827	10.4640	10	3	23.4290	.3422
12.519	6.2594	.5146	.2583	.5200	3	3	.2165	.0174
13.387	26.7745	.3567	.3480	1.3197	10	3	50.6680	.8191
15.633	34.3919	.4594	.3802	.6452	9	3	56.4700	1.0238
17.784	82.6821	.5257	.3943	.5327	7	3	66.4600	1.2048
19.581	35.2473	.5878	.3279	.3580	8	3	54.8210	1.0449
22.312	44.6229	.5146	.1874	.1634	7	3	46.6190	.8879
24.828	54.6209	.4274	.2763	.1668	6	3	43.6670	1.1397
27.144	65.1446	.4251	.2791	.1380	5	3	46.6800	1.2468
34.679	62.1397	.3104	.3796	.8561	5	3	67.3780	2.7052
37.186	74.3716	.3131	.4239	1.0902	4	3	74.1700	3.1711
39.432	86.7528	.3646	.4750	.9900	3	3	84.6970	4.3496
41.430	99.4332	.3259	.4356	1.0653	4	3	73.2400	4.1577
61.293	110.3290	.3524	.4697	.4638	3	3	71.6840	3.9995
99.167	99.5810	.2995	.3482	.9489	5	3	126.5100	7.3147
102.662	51.0358	.2995	.3462	.9489	5	3	130.2000	7.5324
104.645	52.3319	.1363	.2558	1.4241	4	3	70.8510	4.7569
169.736	84.8680	.1790	.1997	.9315	3	3	122.5000	7.1819

Station 13, cont'd.

ROTATED IMPEDANCE AND APPARENT RESISTIVITY DATA

PERIOD	BANDWIDTH	SKEWNESS	QUALITY	ROTATN ANG	ZX	ZY	ZMAX	RX	RY
.047	.0848	.5713	3	30	.7406	4.1259	17.5720	.0052	.1603
.059	.1407	.5477	3	30	.9305	5.2028	27.9350	.0102	.3174
.064	.1419	.4697	3	30	1.0100	5.8175	34.8640	.0132	.4365
.072	.1497	.4305	3	30	1.3303	6.6912	46.5420	.0256	.6476
.083	.1500	.1201	3	30	1.5489	5.5612	33.3260	.0400	.5153
.089	.2148	.0931	3	30	1.6084	5.4116	31.8720	.0463	.5242
.102	.2253	.4690	3	25	.5506	2.5267	6.6875	.0062	.1308
.121	.2911	.5067	3	40	.0913	.1435	.0223	.0000	.0005
.137	.3278	.1800	3	55	.0127	.0581	.0035	.0000	.0001
.163	.3579	.5440	3	10	.0055	.0215	.0005	.0000	.0000
.201	.4018	.2341	3	15	.0039	.0254	.0007	.0000	.0000
.208	.5004	.3796	3	15	.0030	.0271	.0007	.0000	.0000
2.636	6.3267	.5454	3	15	.0176	.0881	.0081	.0002	.0041
10.732	5.3662	.5200	3	330	.0411	.1542	.0255	.0036	.0511
11.483	5.7415	.5200	3	60	.1542	.0411	.0255	.0596	.0039
12.519	6.2599	.5200	3	60	.1542	.0411	.0255	.0596	.0042
17.784	42.6821	.5327	3	75	1.8445	.1878	3.4375	12.1010	.1255
19.581	35.2473	.3560	3	75	2.0882	.1365	4.3792	17.0770	.0729
22.312	44.6229	.1634	3	75	1.6696	.0498	2.7899	12.4380	.0111
24.828	59.6209	.1668	3	80	1.2359	.1205	1.5420	7.5896	.0721
27.144	65.1466	.1380	3	80	1.2070	.1311	1.4739	7.9083	.0933

Station 13, cont'd.