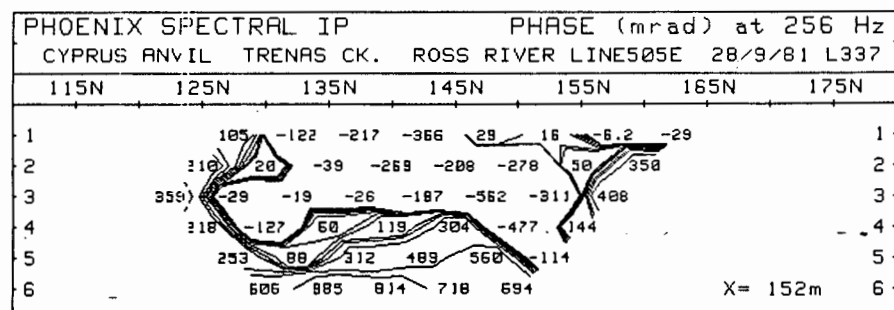
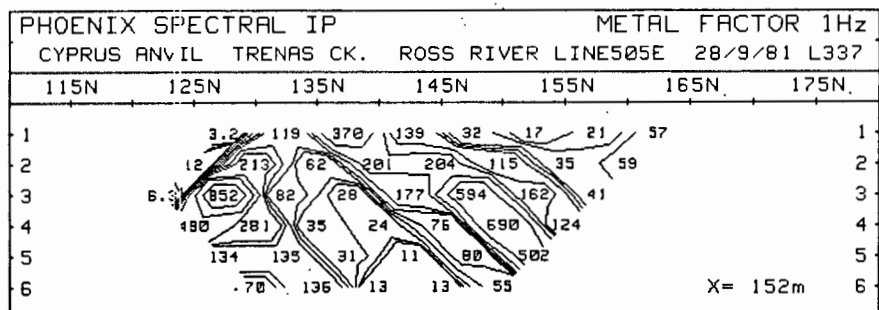
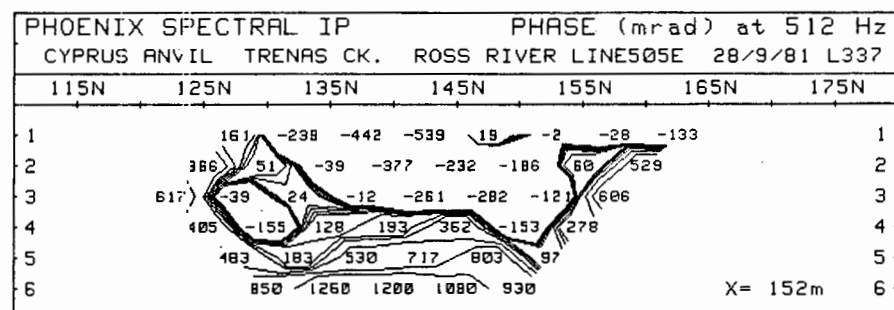
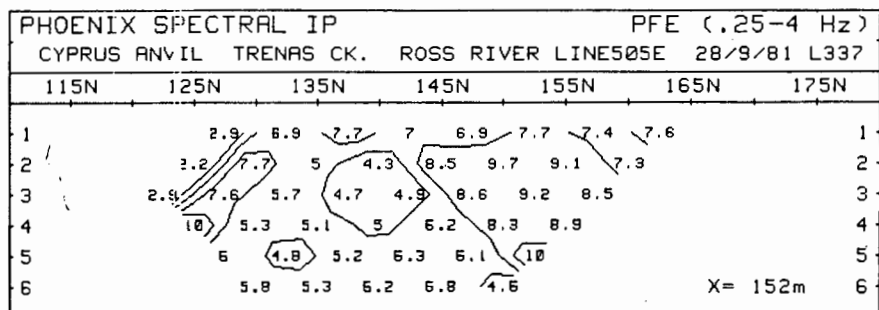
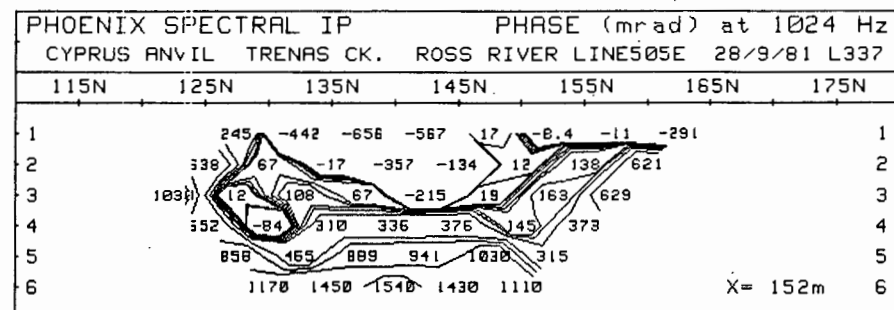
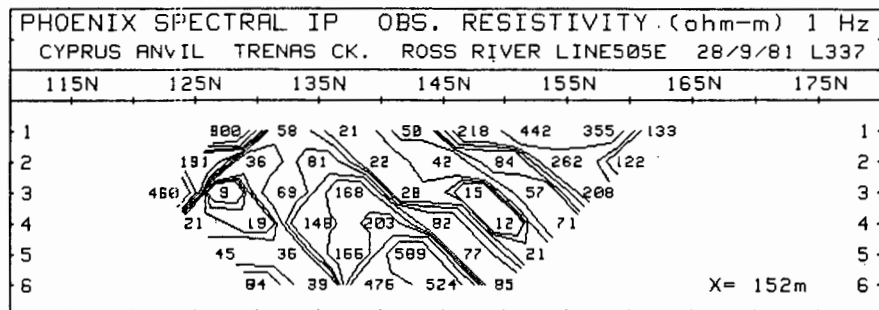
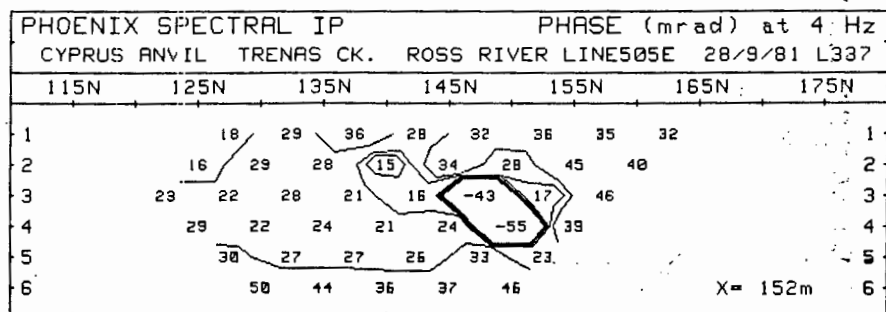
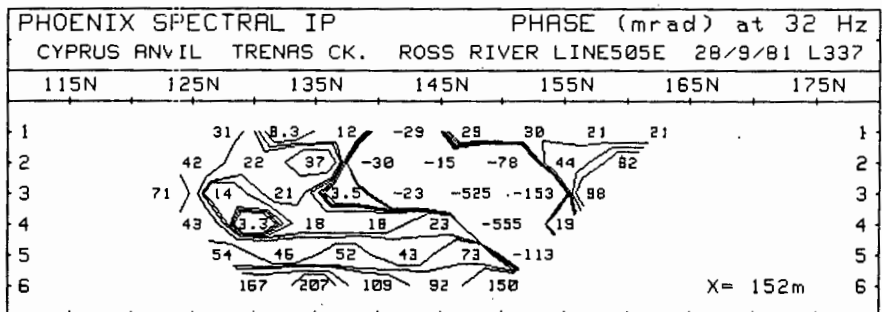
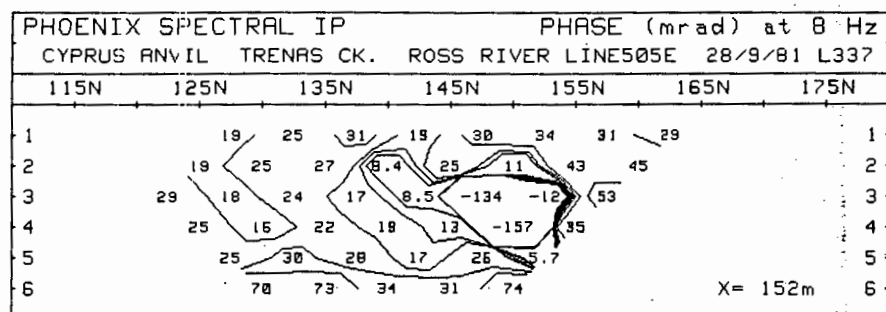
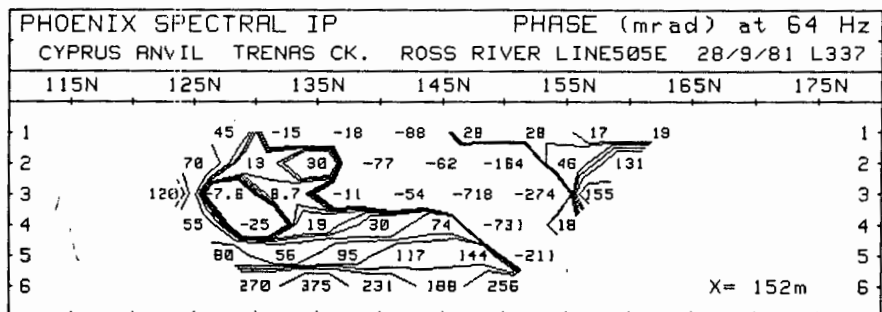
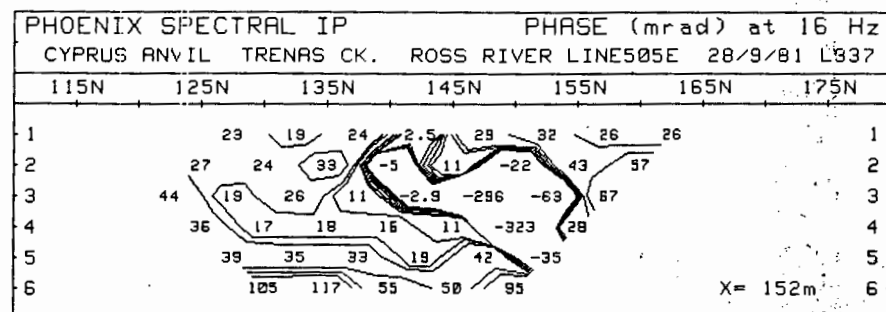
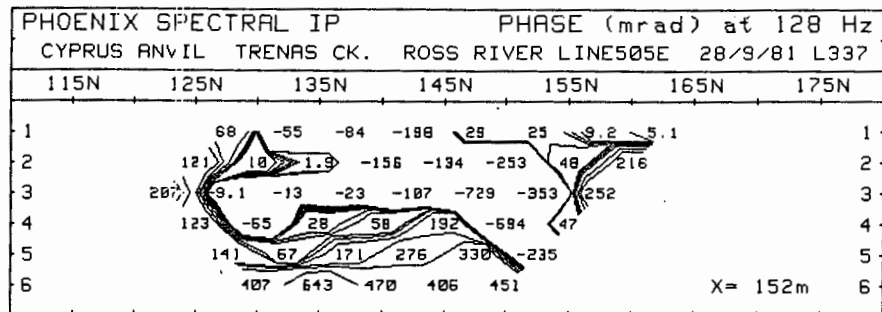


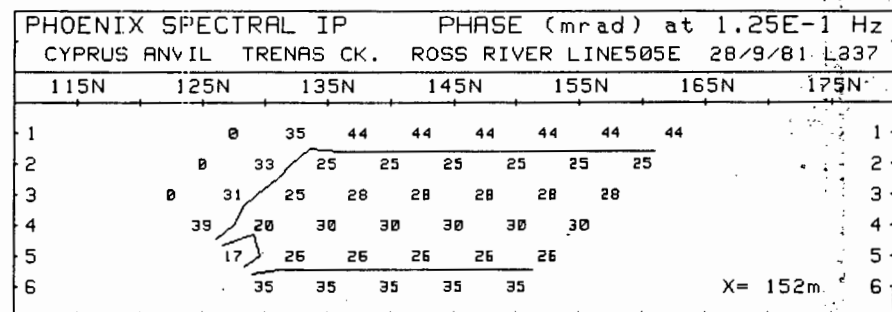
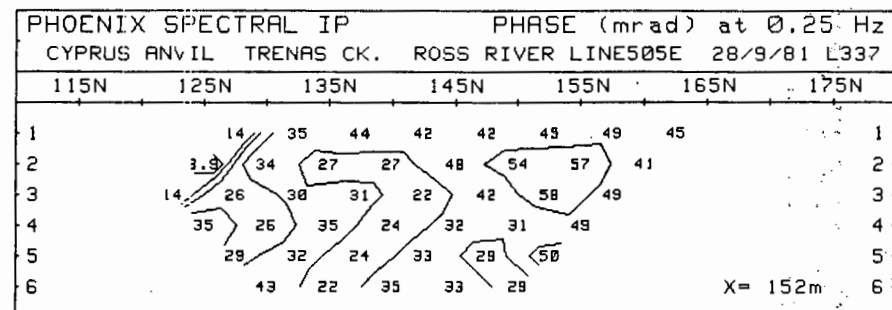
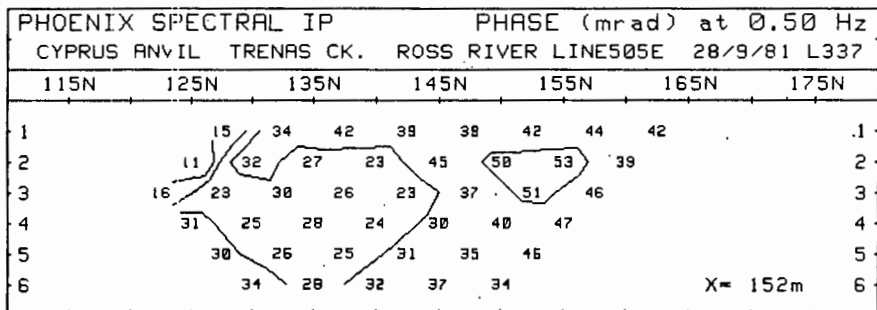
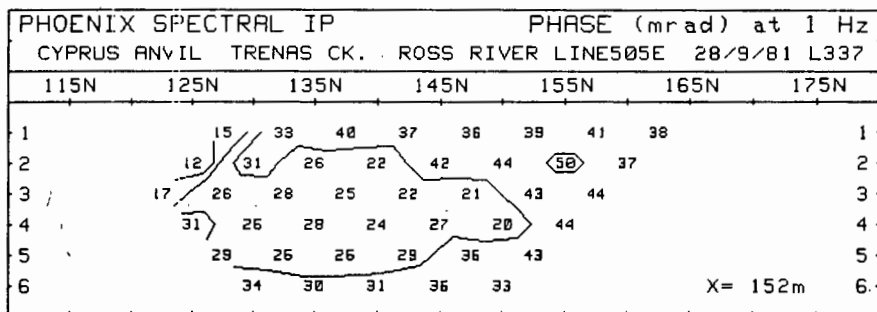
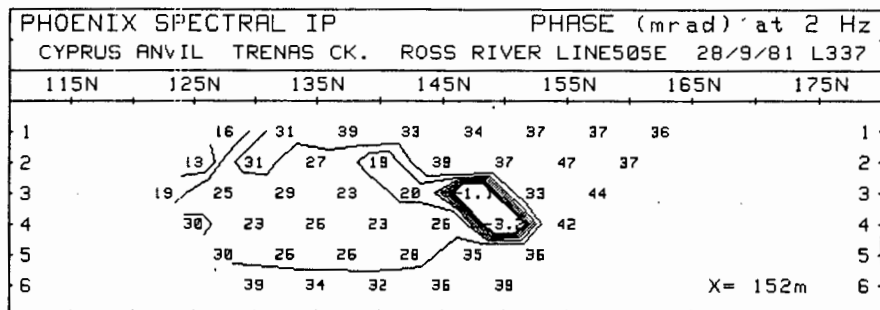
013536

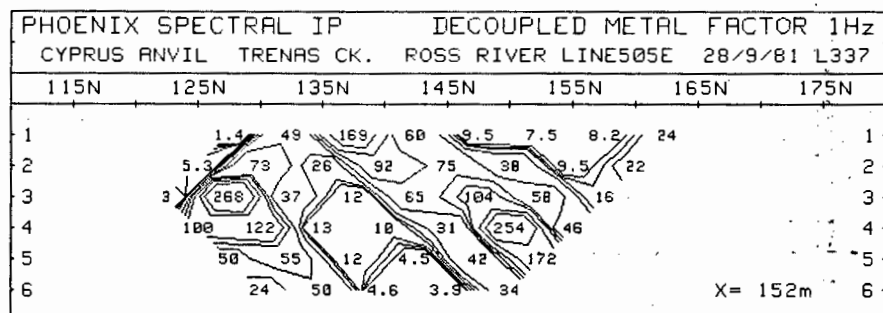
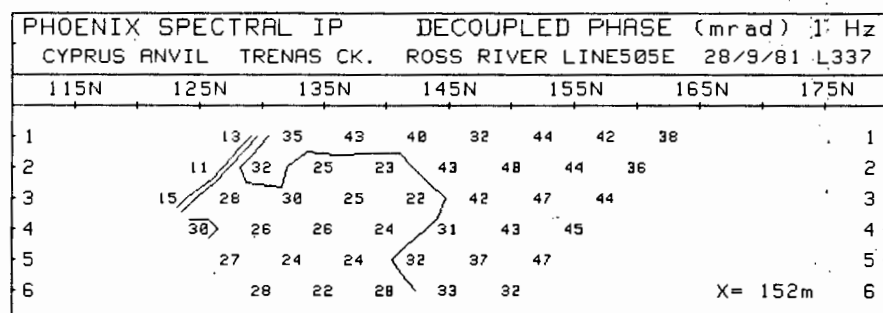
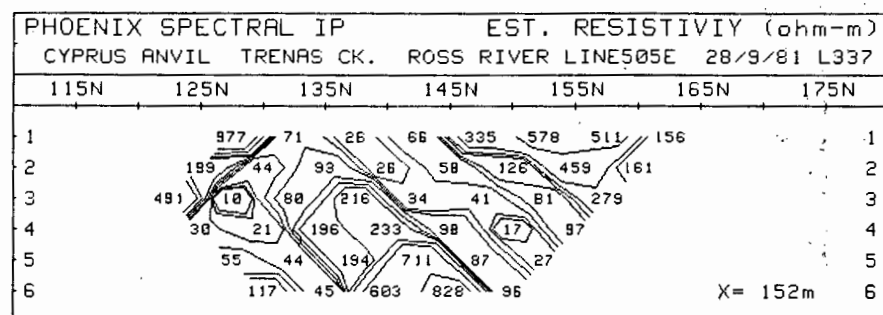
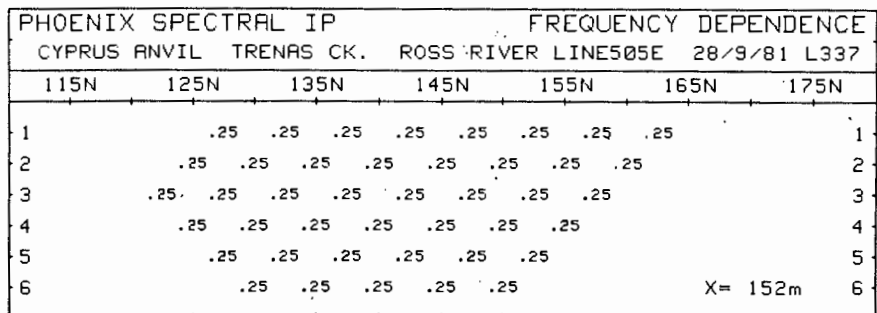
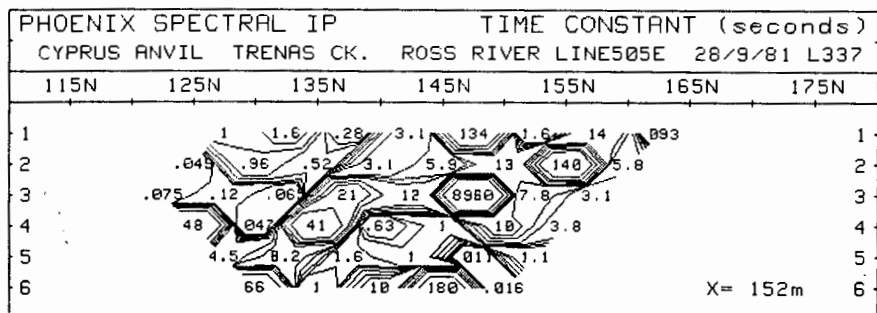
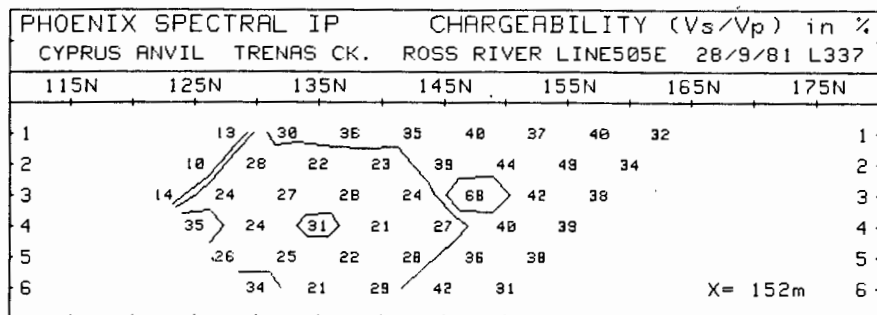
REPORT ON THE
RECONNAISSANCE SPECTRAL IP SURVEY
TENAS PROJECT
WHITEHORSE MINING DISTRICT, Y.T.
FOR
CYPRUS ANVIL MINING CORPORATION

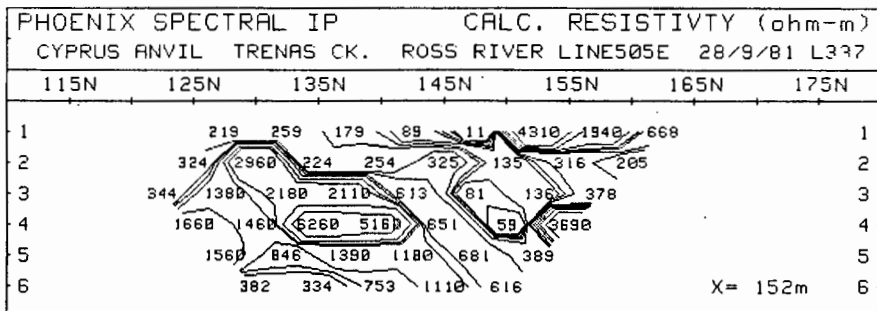
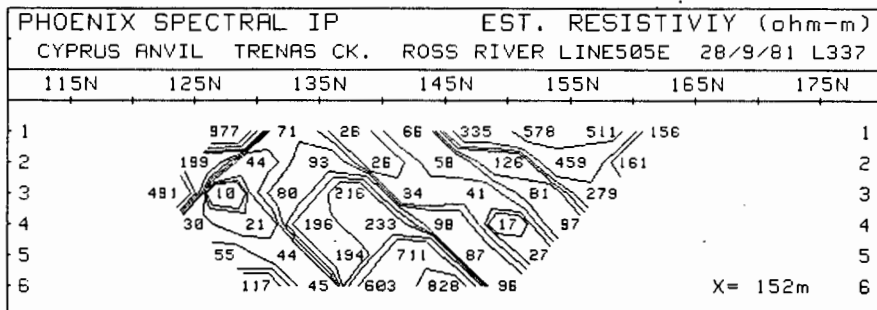
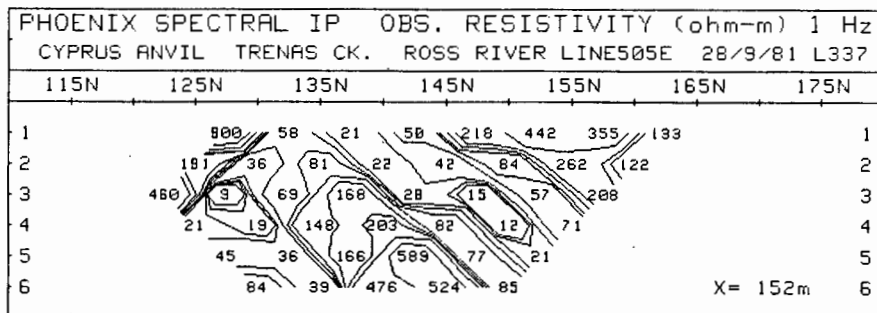
VOL. II (b)
- DATA PLOTS -



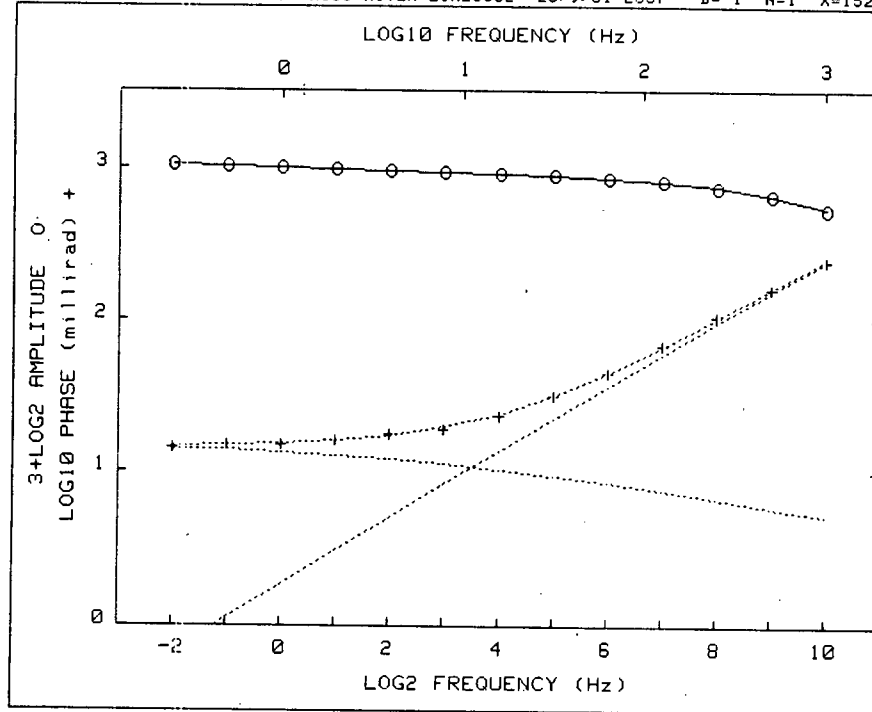








CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 1 N=1 X=152m



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.82618	1.000	.120	1.0E+00	1.0E-04	1.000
1	1.E-02	.80129	1.090	.133	9.7E-01	3.6E-05	.775
2	1.E-03	.80005	1.086	.130	1.0E+00	2.5E-05	.719
3	1.E-04	.80005	1.086	.130	1.0E+00	2.4E-05	.715
4	1.E-05	.80005	1.086	.130	1.0E+00	2.4E-05	.715

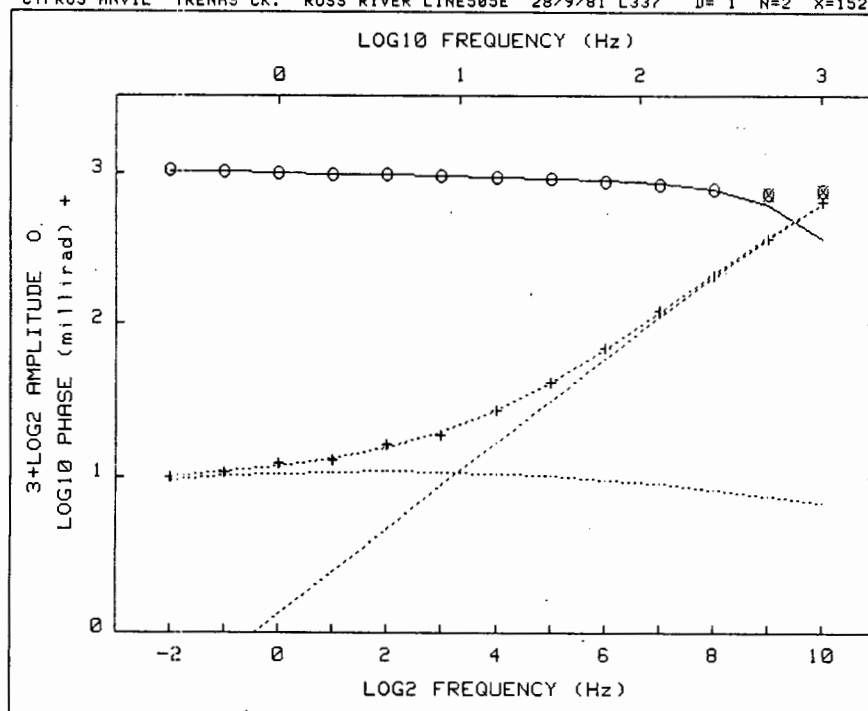
Pct Std Deviations .4 1.3 40.8 2.6 1.1

Correlation Matrix	1.000				
	.763	1.000			
	.931	.693	1.000		
	-.527	-.218	-.578	1.000	
	-.670	-.234	-.749	.895	1.000

Apparent Resistivity Measured at 1 Hz is 899.6
Apparent Resistivity Calculated from Inductive Coupling is 218.6

CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 1 N=1 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8280	.8297	-.2	.0	1	244.6	248.7	-1.7	.0	1
9	.8776	.8827	-.6	0.0	1	160.6	160.3	.2	.0	1
8	.9137	.9163	-.3	.0	1	104.6	103.0	1.6	.0	1
7	.9373	.9379	-.1	0.0	1	68.3	66.9	2.0	.0	1
6	.9521	.9525	-.0	.0	1	44.6	44.8	-.6	.2	1
5	.9629	.9630	-.0	.0	1	31.1	31.6	-1.6	.5	1
4	.9716	.9713	.0	.0	1	23.3	23.8	-2.4	.6	1
3	.9789	.9785	.0	.0	1	18.9	19.4	-2.9	.5	1
2	.9868	.9851	.1	.0	1	17.5	17.0	2.7	.6	1
1	.9926	.9915	.1	.0	1	16.1	15.8	2.0	.0	1
0	1.0000	.9979	.2	.0	1	15.0	15.1	-1.0	.0	1
-1	1.0076	1.0044	.3	.0	1	15.0	14.8	1.3	.0	1
-2	1.0149	1.0109	.4	.0	1	14.3	14.5	-1.6	.7	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.03037	1.086	.130	1.0E+00	2.4E-05	.715
1	1.E-02	.00230	1.062	.096	1.0E+00	1.1E-04	.824
2	1.E-03	.00020	1.058	.097	4.4E-01	1.0E-04	.873
3	1.E-04	.00019	1.044	.097	6.5E-02	1.0E-04	.903
4	1.E-05	.00007	1.046	.104	4.8E-02	1.0E-04	.910
5	1.E-06	.00007	1.046	.104	4.9E-02	1.0E-04	.910

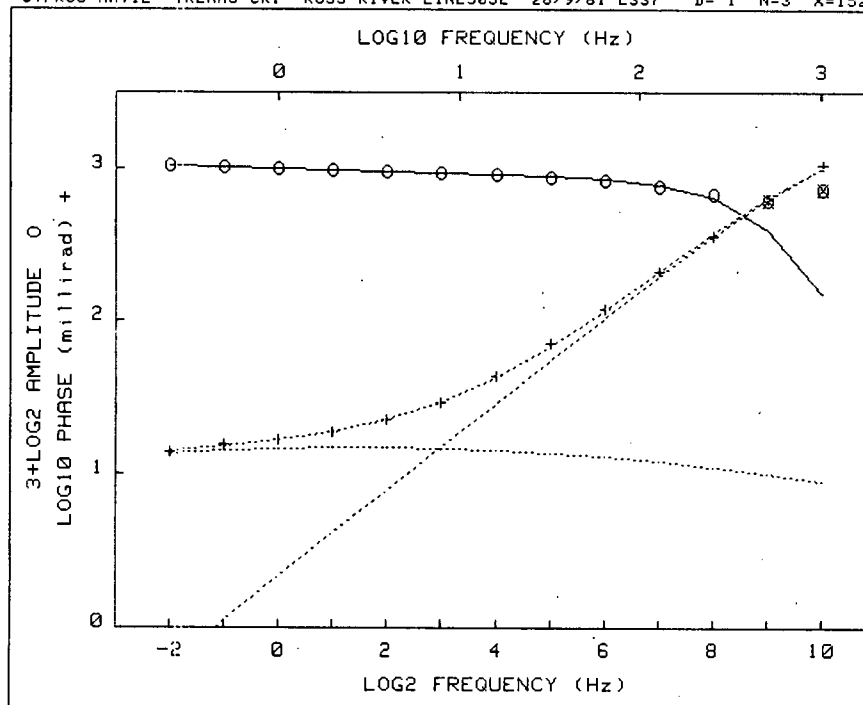
Pct Std Deviations .3 2.7 49.8 1.5 .9

Correlation Matrix

1.000				
-.521	1.000			
.658	-.907	1.000		
-.122	.146	-.106	1.000	
-.475	.796	-.706	.571	1.000

Apparent Resistivity Measured at 1 Hz is 190.7
Apparent Resistivity Calculated from Inductive Coupling is 324.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9177	.7380	19.6	.0	0	638.0	638.0	1.2	.0	1
9	.9067	.8614	5.0	.0	0	366.0	374.8	-2.4	.0	1
8	.9258	.9211	.5	.0	1	210.1	212.2	-1.0	.0	1
7	.9454	.9484	-.3	.0	1	121.0	119.2	1.5	.4	1
6	.9605	.9626	-.2	.0	1	70.0	68.5	2.1	.3	1
5	.9699	.9715	-.2	.0	1	41.8	41.5	.7	.5	1
4	.9775	.9783	-.1	.0	1	27.0	27.2	-.7	.5	1
3	.9832	.9841	-.1	.0	1	18.7	19.6	-4.9	1.2	1
2	.9891	.9895	-.0	.0	1	16.2	15.6	4.0	.6	1
1	.9948	.9947	.0	.0	1	13.0	13.3	-2.1	.8	1
0	1.0000	.9997	.0	.0	1	12.2	11.9	2.8	.8	1
-1	1.0057	1.0044	.1	.0	1	10.8	10.8	-.4	.9	1
-2	1.0113	1.0090	.2	.0	1	9.9	10.0	-1.0	2.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.02682	1.046	.104	4.9E-02	1.0E-04	.910
1	1.E-02	.00023	1.060	.140	5.2E-02	1.9E-04	.911
2	1.E-03	.00012	1.066	.141	5.8E-02	2.0E-04	.931
3	1.E-04	.00011	1.067	.140	7.1E-02	2.0E-04	.929
4	1.E-05	.00011	1.068	.139	7.5E-02	2.0E-04	.928

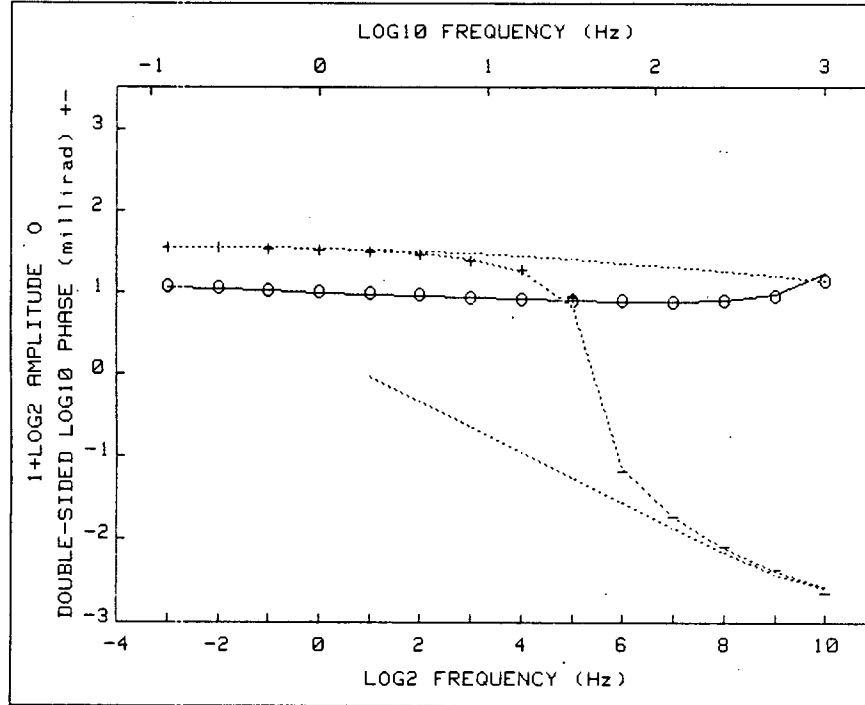
Pct Std Deviations .4 3.0 66.4 1.6 .9

Correlation Matrix

1.000				
-.604	1.000			
.791	-.880	1.000		
.021	-.141	.120	1.000	
-.550	.743	-.657	.343	1.000

Apparent Resistivity Measured at 1 Hz is 460.2
Apparent Resistivity Calculated from Inductive Coupling is 343.7

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9024	.5651	37.4	.0	0	1034.8	998.4	3.5	.1	1
9	.8610	.7562	12.2	.1	0	616.7	637.6	-3.4	.0	1
8	.8862	.8712	1.7	.0	1	358.7	370.7	-3.4	.0	1
7	.9189	.9241	-.6	.0	1	207.3	207.2	.1	.0	1
6	.9440	.9483	-.5	.0	1	119.9	116.4	2.9	.4	1
5	.9591	.9617	-.3	.0	1	70.6	68.0	3.6	.4	1
4	.9697	.9712	-.1	.0	1	43.5	42.7	1.7	.3	1
3	.9778	.9791	-.1	.0	1	29.0	29.6	-2.0	1.4	1
2	.9855	.9864	-.1	.0	1	22.6	22.7	-.3	.4	1
1	.9926	.9935	-.1	.0	1	18.6	18.9	-1.9	1.2	1
0	1.0000	1.0003	-.0	.0	1	16.7	16.8	-.4	.8	1
-1	1.0073	1.0070	.0	.0	1	15.7	15.3	2.5	.6	1
-2	1.0141	1.0134	.1	.0	1	14.0	14.1	-1.0	3.2	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.21417	1.000	.150	1.0E+00	8.0E-05	1.000
1	1.E-02	.02138	1.175	.244	5.1E+00	4.3E-05	1.000
2	1.E-03	.00510	1.230	.296	1.6E+00	7.3E-05	1.000
3	1.E-04	.00131	1.231	.300	1.6E+00	6.7E-05	1.000
4	1.E+00	.00129	1.234	.302	1.6E+00	6.7E-05	1.000
5	1.E+01	.00123	1.235	.303	1.6E+00	6.7E-05	1.000
6	1.E+01	.00119	1.235	.304	1.6E+00	6.7E-05	1.000
7	1.E+01	.00116	1.236	.304	1.6E+00	6.7E-05	1.000
8	1.E+01	.00114	1.236	.304	1.6E+00	6.7E-05	1.000
9	1.E+01	.00112	1.236	.305	1.6E+00	6.7E-05	1.000

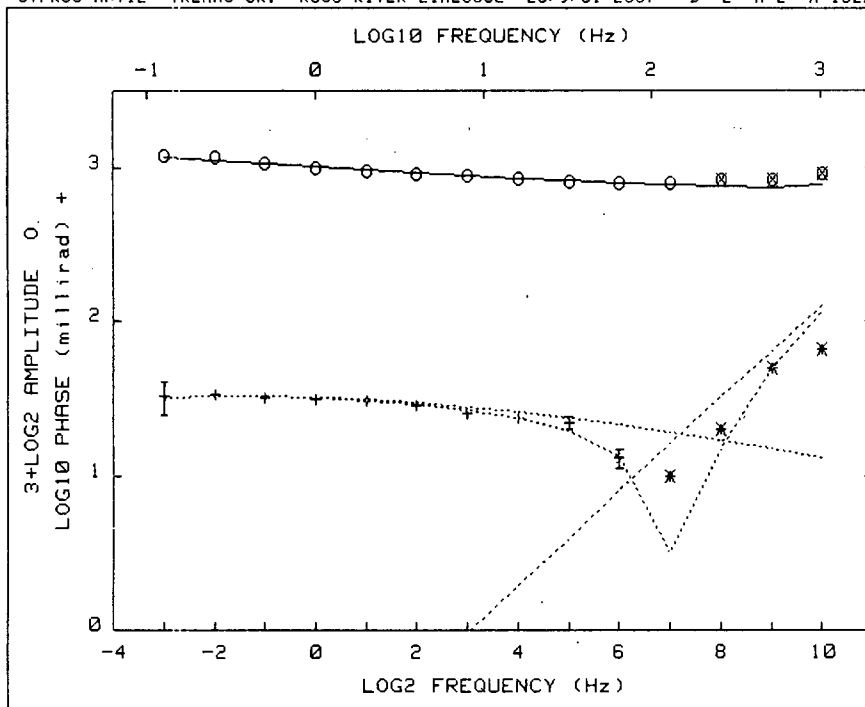
Pct Std Deviations 2.1 3.5 77.7 5.4 2.3

Correlation Matrix	1.000				
	.885	1.000			
	.916	.781	1.000		
	-.211	-.325	-.003	1.000	
	.471	.215	.668	.620	1.000

CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 2 N=1 X=152m

Apparent Resistivity Measured at 1 Hz is 57.59
Apparent Resistivity Calculated from Inductive Coupling is 258.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1035	1.1697	-6.0	.0	1	-442.4	-382.8	13.5	.1	1
9	.9639	.9820	-1.9	.0	1	-238.5	-247.4	-3.7	.1	1
8	.9291	.9252	.4	.0	1	-122.2	-125.4	-2.6	.0	1
7	.9178	.9159	.2	.0	1	-54.5	-52.8	3.1	.4	1
6	.9225	.9204	.2	.0	1	-15.4	-14.0	9.0	1.3	1
5	.9316	.9291	.3	.0	1	8.3	6.6	19.9	6.5	1
4	.9432	.9397	.4	.0	1	18.5	18.1	2.2	.5	1
3	.9570	.9516	.6	.0	1	24.5	24.9	-1.6	.9	1
2	.9703	.9646	.6	.0	1	28.6	29.2	-2.1	.0	1
1	.9854	.9787	.7	.0	1	30.8	32.1	-4.3	.3	1
0	1.0000	.9938	.6	.0	1	32.5	34.1	-4.9	.4	1
-1	1.0164	1.0097	.7	.1	1	33.6	35.3	-5.1	.3	1
-2	1.0370	1.0262	1.0	.1	1	35.2	35.9	-1.9	1.0	1
-3	1.0519	1.0431	.8	.2	1	34.8	35.8	-2.9	5.5	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00164	1.174	.286	1.4E-01	3.4E-05
1	1.E-02	.00076	1.174	.274	2.2E-01	2.6E-05
2	1.E-03	.00040	1.198	.274	6.4E-01	1.8E-05
3	1.E-04	.00029	1.212	.281	9.3E-01	1.6E-05
4	1.E-05	.00029	1.213	.282	9.6E-01	1.5E-05

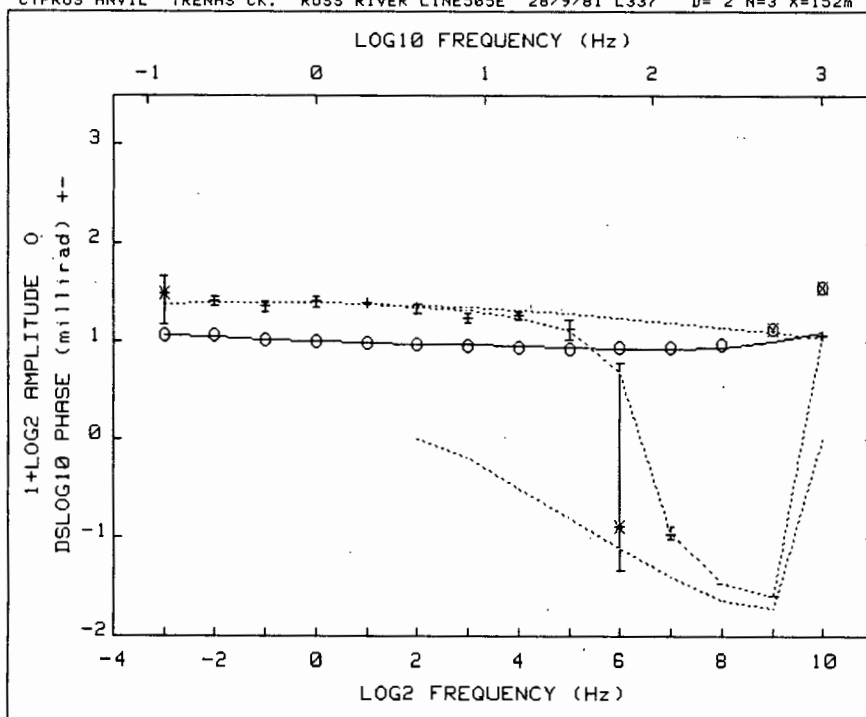
Pct Std Deviations .9 1.6 35.1 13.3

Correlation Matrix

1.000			
.016	1.000		
.075	.690	1.000	
-.591	-.287	-.797	1.000

Apparent Resistivity Measured at 1 Hz is 36.20
Apparent Resistivity Calculated from Inductive Coupling is 2961

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9721	.9222	5.1	.0	0	66.5	115.4	-73.5	.2	0
9	.9465	.9141	3.4	.0	0	50.6	50.0	1.2	.6	0
8	.9423	.9173	2.7	.1	0	19.9	15.3	23.1	5.5	0
7	.9320	.9240	.9	.1	1	10.1	3.2	68.2	.0	0
6	.9303	.9323	-.2	.2	1	13.1	13.6	-3.5	13.5	1
5	.9366	.9417	-.5	.1	1	22.3	19.8	11.2	10.0	1
4	.9475	.9521	-.5	.0	1	23.7	23.9	-1.0	2.1	1
3	.9612	.9637	-.3	.1	1	25.3	26.9	-6.5	3.2	1
2	.9726	.9762	-.4	.1	1	28.8	29.2	-1.3	1.5	1
1	.9864	.9897	-.3	.1	1	30.6	30.9	-.9	.7	1
0	1.0000	1.0039	-.4	.2	1	31.3	32.0	-2.3	1.0	1
-1	1.0169	1.0188	.0	.2	1	31.9	32.6	-2.3	.9	1
-2	1.0476	1.0340	1.3	.5	1	33.8	32.7	3.1	3.3	1
-3	1.0537	1.0494	.4	.0	1	32.8	32.3	1.5	24.1	1



CRL: Number of dispersions= 3 Negative.
C1=.25 M2=1 C2=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	M3	T3
0	1.E-02	.00074	1.167	.224	5.6E-01	1.6E-05	.211	2.0E-04
1	1.E-02	.00067	1.159	.225	5.6E-01	1.6E-05	.210	2.0E-04
2	1.E-03	.00067	1.159	.225	5.6E-01	1.6E-05	.210	2.0E-04

Pct Std Deviations 1.2 2.8 56.7 15.0 13.4 9.5

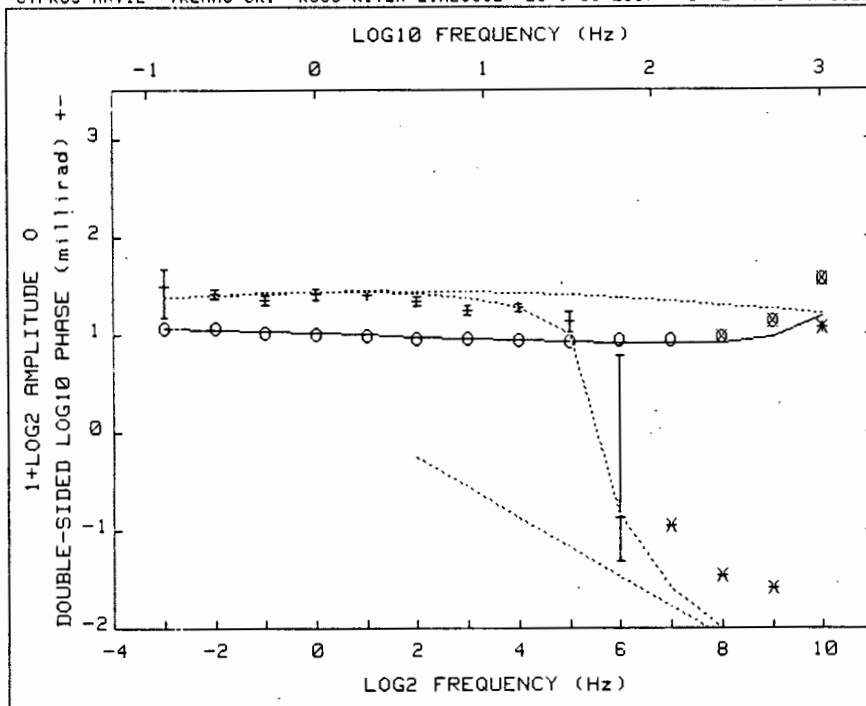
Correlation Matrix

1.000							
.834	1.000						
.862	.785	1.000					
.188	.076	.277	1.000				
.140	.038	.216	.997	1.000			
-.297	-.168	-.409	-.982	-.970	1.000		

Apparent Resistivity Measured at 1 Hz is 8.980

Apparent Resistivity Calculated from Inductive Coupling is 5251

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-3	1.0516	1.0430	.8	1.4	1	31.2	24.5	21.3	52.3	0
-2	1.0504	1.0313	1.8	1.0	1	26.4	25.1	5.1	10.1	1
-1	1.0130	1.0196	-.7	.5	1	23.1	25.2	-9.0	11.4	1
0	1.0000	1.0001	-.8	.5	1	26.0	24.9	4.4	14.3	1
1	.9889	.9968	-.8	.2	1	24.9	24.1	3.4	5.0	1
2	.9758	.9861	-1.1	.2	1	22.2	22.7	-2.3	10.8	1
3	.9686	.9760	-.8	.2	1	17.8	20.7	-16.3	11.4	1
4	.9550	.9667	-1.2	.3	1	18.8	17.6	6.1	9.6	1
5	.9462	.9584	-1.3	.2	1	13.6	12.8	5.6	23.4	1
6	.9588	.9517	.7	1.0	1	-7.6	4.8	162.9	179.4	0
7	.9550	.9493	.6	.1	1	-9.1	-9.0	1.3	13.8	1
8	.9849	.9600	2.5	.2	1	-28.9	-29.3	-1.3	3.5	1
9	1.0962	1.0017	8.6	.1	0	-39.2	-39.1	.3	.5	1
10	1.4788	1.0675	27.8	.1	0	11.8	11.8	-.2	1.9	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	2.80712	1.213	.282	9.6E-01	1.5E-05
1	1.E-01	1.23684	.475	.167	7.7E-01	8.1E-05
2	1.E-02	.06002	1.157	.199	4.1E+00	2.5E-05
3	1.E-02	.01956	1.281	.299	4.9E+01	3.1E-05
4	1.E-03	.01550	1.086	.201	3.3E-01	5.3E-05
5	1.E-04	.00393	1.149	.241	1.8E-01	5.6E-05
6	1.E-05	.00351	1.147	.244	1.3E-01	6.1E-05
7	1.E-06	.00351	1.146	.245	1.2E-01	6.2E-05

Pct Std Deviations 2.0 3.8 124.4 9.5

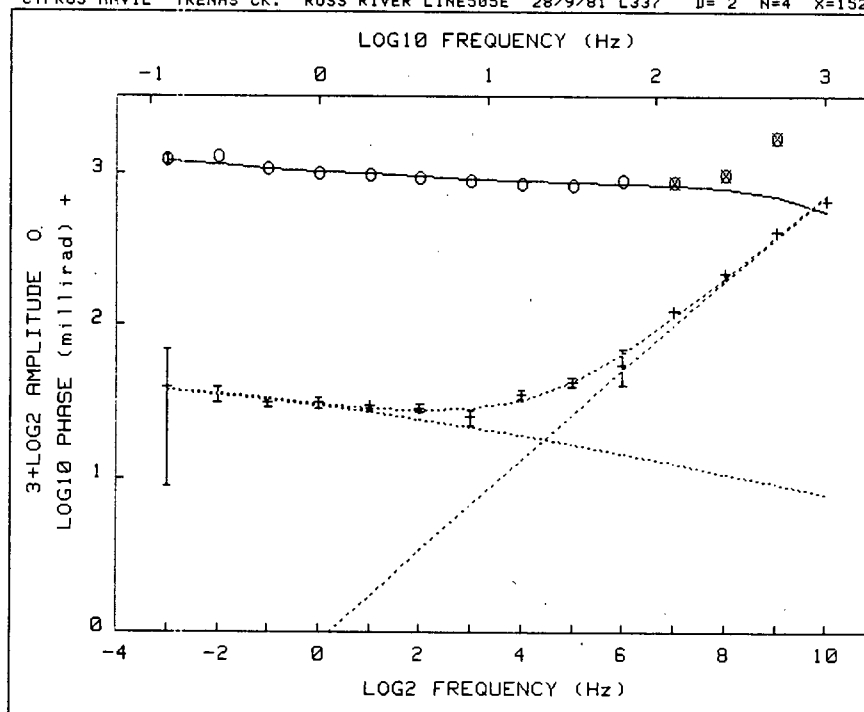
Correlation Matrix

1.000			
.335	1.000		
.707	.039	1.000	
-.518	.310	-.892	1.000

Apparent Resistivity Measured at 1 Hz is 8.980

Apparent Resistivity Calculated from Inductive Coupling is 1376

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.4788	1.1308	23.5	.1	0	11.8	-342.2	999.0	1.9	0
9	1.0962	.9800	10.6	.1	0	-39.2	-208.9	-432.8	.5	0
8	.9849	.9386	4.7	.2	0	-28.9	-101.1	-249.9	3.5	0
7	.9550	.9347	2.1	.1	1	-9.1	-39.3	-332.3	13.8	0
6	.9588	.9412	1.8	1.0	1	-7.6	-6.9	.9	179.4	1
5	.9462	.9509	-.5	.2	1	13.6	9.9	26.9	23.4	1
4	.9550	.9619	-.7	.3	1	18.8	18.8	.0	9.6	1
3	.9686	.9736	-.5	.2	1	17.8	23.5	-32.0	11.4	1
2	.9758	.9858	-1.0	.2	1	22.2	25.9	-16.7	10.8	1
1	.9889	.9983	-.9	.2	1	24.9	26.9	-8.2	5.0	1
0	1.0000	1.0109	-1.1	.5	1	26.0	27.1	-4.2	14.3	1
-1	1.0130	1.0235	-1.0	.5	1	23.1	26.6	-15.2	11.4	1
-2	1.0504	1.0357	1.4	1.0	1	26.4	25.6	2.9	10.1	1
-3	1.0516	1.0474	.4	1.4	1	31.2	24.3	22.1	52.3	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	C2
0	1.E-02	.00114	1.412	.351	4.9E+01	7.9E-05	.969
1	1.E-02	.00109	1.411	.351	4.8E+01	7.6E-05	.967
2	1.E-03	.00109	1.411	.351	4.8E+01	7.6E-05	.966

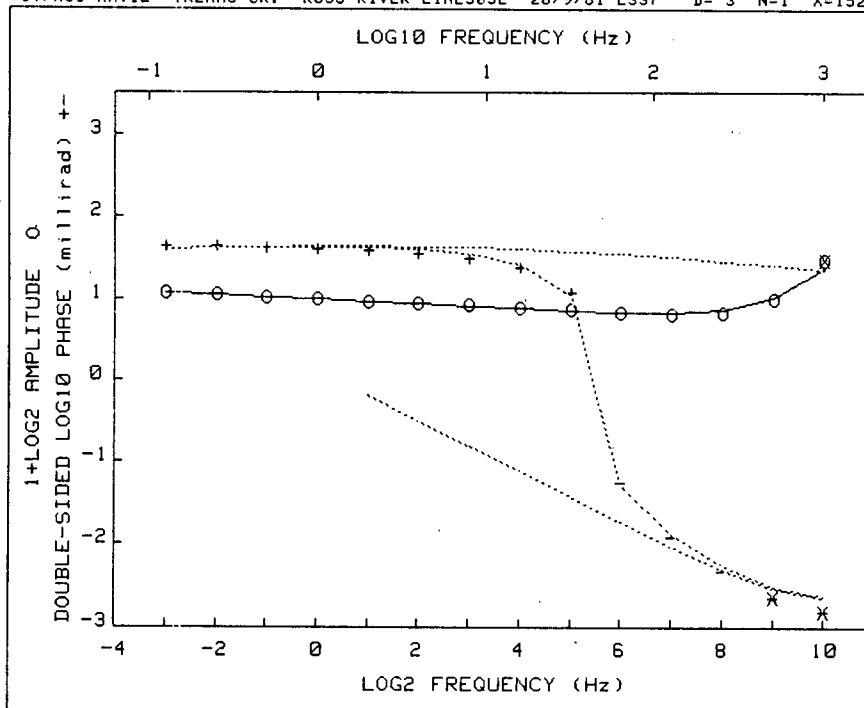
Pct Std Deviations 7.5 12.9 270.3 13.1 3.8

Correlation Matrix

1.000					
.993	1.000				
.986	.981	1.000			
-.814	-.805	-.827	1.000		
-.562	-.535	-.609	.858	1.000	

Apparent Resistivity Measured at 1 Hz is 21.29
Apparent Resistivity Calculated from Inductive Coupling is 1658

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0733	.8388	55.2	.1	0	652.4	711.8	-9.1	.0	1
9	1.1744	.9016	23.2	.1	0	405.0	384.9	5.0	.1	1
8	.9920	.9281	6.4	.1	0	218.1	205.2	5.9	1.1	1
7	.9548	.9410	1.5	.2	0	123.3	112.0	9.1	.8	1
6	.9628	.9496	1.4	1.0	1	54.9	65.2	-18.8	26.0	1
5	.9444	.9573	-1.4	.3	1	42.5	42.5	.1	6.9	1
4	.9532	.9652	-1.3	.4	1	35.6	32.2	9.7	6.8	1
3	.9672	.9741	-.7	.3	1	25.2	28.3	-12.2	11.5	1
2	.9760	.9840	-.8	.2	1	28.7	27.7	3.4	5.0	1
1	.9863	.9953	-.7	.1	1	30.1	28.9	4.0	4.3	1
0	1.0000	1.0079	-.8	.7	1	31.2	30.9	.9	8.3	1
-1	1.0105	1.0221	-.4	.7	1	31.2	33.3	-6.9	6.4	1
-2	1.0778	1.0379	3.7	1.7	1	35.4	35.8	-1.2	11.3	1
-3	1.0641	1.0551	.8	2.2	1	39.2	38.1	2.7	77.3	1



CRL: Number of dispersions= 2 Negative.
C1=.25 MZ=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00130	1.236	.362	2.8E-01	9.9E-05
1	1.E-02	.00123	1.231	.356	2.8E-01	9.7E-05
2	1.E-03	.00123	1.230	.356	2.8E-01	9.7E-05

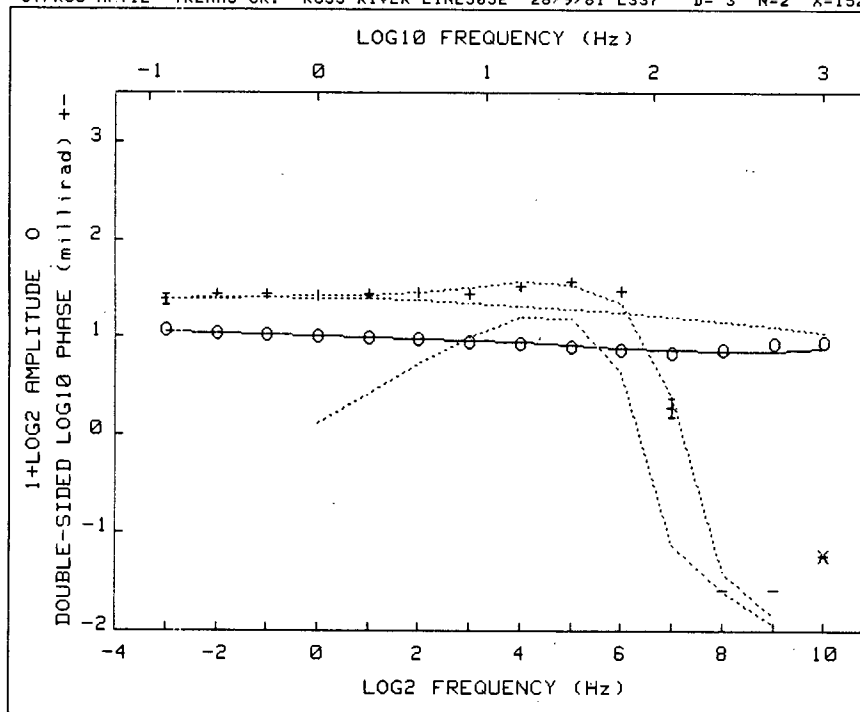
Pct Std Deviations 1.6 2.0 51.9 4.6

Correlation Matrix			
1.000			
.668	1.000		
.861	.474	1.000	
-.649	-.118	-.847	1.000

Apparent Resistivity Measured at 1 Hz is 20.87

Apparent Resistivity Calculated from Inductive Coupling is 178.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.3869	1.3052	5.9	.0	0	-655.8	-420.0	35.9	.1	0
9	1.0024	1.0197	-1.7	.0	1	-441.8	-326.3	26.2	.0	0
8	.8963	.9111	-2.3	.0	1	-217.2	-178.5	17.8	.1	1
7	.8795	.8892	-1.1	.0	1	-83.9	-75.5	10.0	.4	1
6	.8949	.8943	.1	.0	1	-17.9	-18.8	-4.9	1.2	1
5	.9131	.9072	.6	.0	1	12.0	11.0	8.5	1.9	1
4	.9310	.9229	.9	.0	1	24.4	26.7	-9.3	1.3	1
3	.9479	.9400	.8	.1	1	30.5	35.1	-15.2	1.4	1
2	.9646	.9582	.7	.0	1	35.9	39.7	-10.5	.0	1
1	.9821	.9771	.5	.0	1	38.6	41.9	-8.6	.6	1
0	1.0000	.9966	.3	.0	1	40.2	42.7	-6.3	.2	1
-1	1.0184	1.0163	.2	.0	1	41.9	42.5	-1.3	1.2	1
-2	1.0392	1.0359	.3	.0	1	44.3	41.4	6.6	.5	1
-3	1.0618	1.0550	.6	.1	1	43.8	39.7	9.5	1.6	1



CRL: Number of dispersions= 3 Negative.

C1=.25 M3=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2	T3
0	1.E-02	.46411	1.600	.420	1.8E+02	.300	2.5E-03	.300	1.0E-04
1	1.E-02	.25424	.966	.131	1.2E+02	.399	3.3E-03	.140	3.6E-05
2	1.E-03	.07450	.970	.115	1.1E+02	.131	3.4E-03	.603	3.3E-05
3	1.E-04	.04863	1.160	.233	7.6E-02	.043	1.8E-02	1.000	1.7E-05
4	1.E-02	.01682	1.123	.178	4.5E-01	.040	1.1E-02	.753	2.0E-05
5	1.E+01	.01215	1.124	.182	4.5E-01	.040	1.1E-02	.757	1.9E-05
6	1.E+00	.01040	1.137	.196	4.6E-01	.041	1.1E-02	.788	2.0E-05
7	1.E-01	.00903	1.148	.209	4.7E-01	.040	8.6E-03	.854	2.2E-05
8	1.E-01	.00808	1.152	.216	4.9E-01	.037	7.1E-03	.954	2.2E-05
9	1.E-01	.00802	1.155	.222	5.2E-01	.033	6.1E-03	1.000	2.2E-05

Pct Std Deviations 7.9 25.2 999.9 316.1 37.1 71.3 27.5

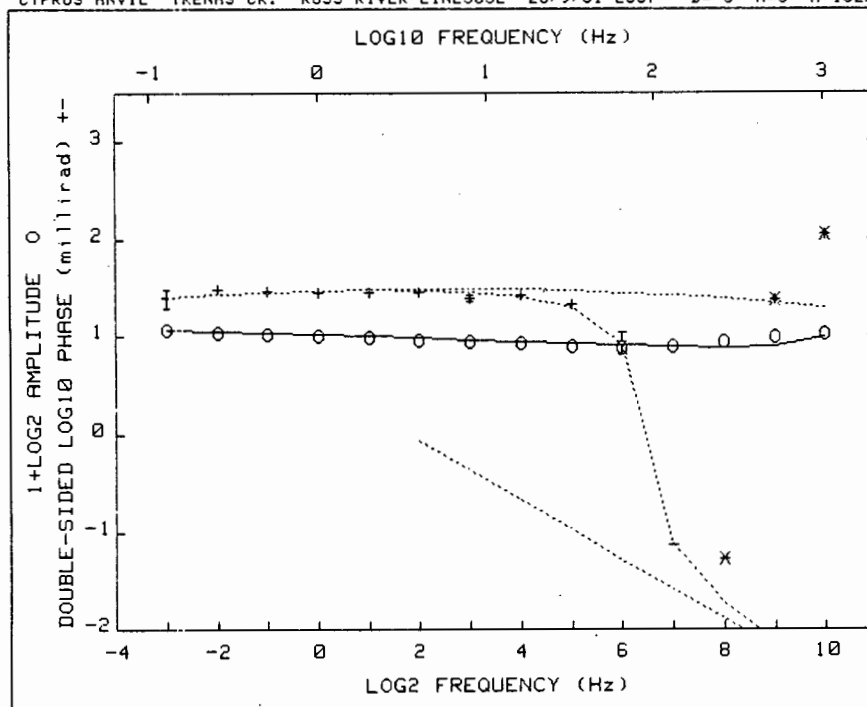
Correlation Matrix	1.000								
	-.708	1.000							
	.955	-.850	1.000						
	.890	-.934	.969	1.000					
	.099	-.350	.154	.278	1.000				
	-.827	.909	-.912	-.956	-.304	1.000			
	-.842	.681	-.865	-.780	-.295	.670	1.000		

CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 3 N=2 X=152m

Apparent Resistivity Measured at 1 Hz is 80.80

Apparent Resistivity Calculated from Inductive Coupling is 224.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9634	.9232	4.2	.0	1	-17.3	-160.4	-827.3	.6	0
9	.9479	.9021	4.8	.0	1	-39.1	-74.2	-89.8	.3	1
8	.9040	.9014	.3	.0	1	-39.1	-25.8	34.0	.0	1
7	.8877	.9073	-2.2	.1	1	1.9	2.4	-28.8	21.7	1
6	.9065	.9181	-1.1	.1	1	29.8	21.7	27.0	2.8	1
5	.9315	.9360	-.5	.1	1	36.9	34.3	7.1	1.2	1
4	.9494	.9572	-.8	.1	1	33.3	36.1	-8.4	.9	1
3	.9636	.9735	-1.0	.1	1	27.4	31.9	-16.3	3.3	1
2	.9774	.9858	-.9	.0	1	28.3	28.4	-.5	.4	1
1	.9891	.9969	-.8	.0	1	27.0	26.7	.9	.5	1
0	1.0000	1.0002	-.8	.1	1	26.4	26.0	1.6	1.2	1
-1	1.0121	1.0196	-.7	.1	1	27.0	25.5	5.5	1.1	1
-2	1.0266	1.0311	-.4	.2	1	27.3	25.0	8.5	1.1	1
-3	1.0432	1.0425	.1	.2	1	24.5	24.3	1.0	12.7	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00470	1.180	.249	4.0E-01	2.7E-05
1	1.E-02	.00179	1.176	.266	2.0E-01	3.4E-05
2	1.E-03	.00135	1.151	.263	7.5E-02	3.8E-05
3	1.E-04	.00130	1.150	.267	6.5E-02	3.9E-05
4	1.E+00	.00130	1.150	.267	6.5E-02	3.9E-05

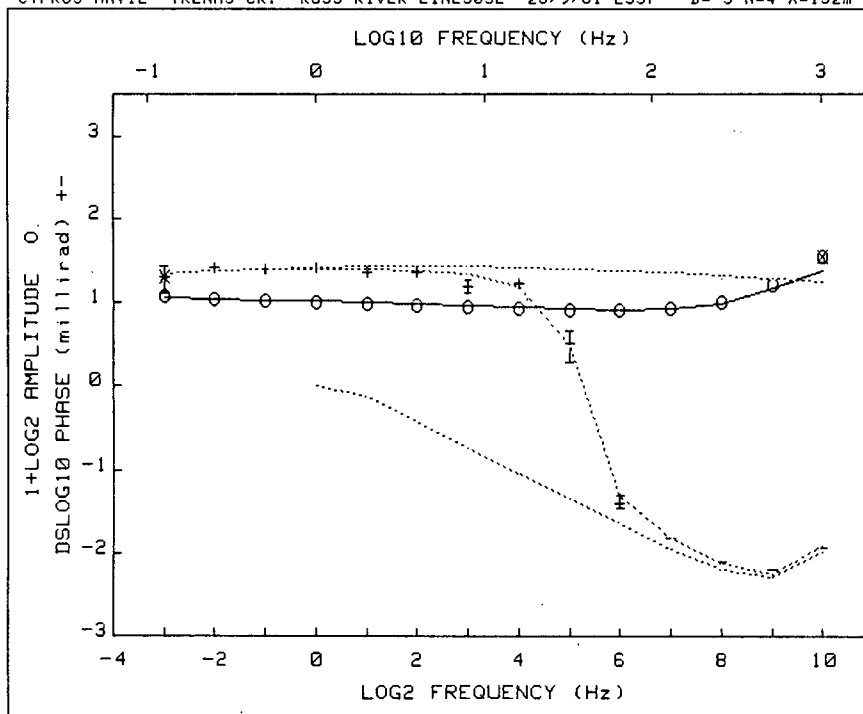
Pct Std Deviations 1.1 2.1 49.6 5.5

Correlation Matrix

1.000				
.251	1.000			
.699	-.109	1.000		
-.465	.478	-.827	1.000	

Apparent Resistivity Measured at 1 Hz is 69.39
Apparent Resistivity Calculated from Inductive Coupling is 2183

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0130	.9979	1.5	.0	1	108.0	-257.4	338.3	.0	0
9	.9965	.9309	6.6	.0	1	23.6	-131.8	658.6	1.7	0
8	.9573	.9201	3.9	.0	1	-18.5	-54.4	-194.0	1.6	0
7	.9259	.9256	.0	.1	1	-13.4	-13.1	2.1	2.4	1
6	.9226	.9359	-1.4	.1	1	8.7	8.3	4.7	26.2	1
5	.9335	.9478	-1.5	.1	1	21.1	19.5	7.7	2.1	1
4	.9486	.9605	-1.3	.1	1	26.3	25.3	3.6	2.2	1
3	.9610	.9739	-1.3	.2	1	24.2	28.3	-17.1	7.0	1
2	.9754	.9876	-1.2	.1	1	28.3	29.7	-4.8	1.3	1
1	.9878	1.0014	-1.4	.1	1	28.6	29.9	-4.6	1.4	1
0	1.0060	1.0151	-1.5	.1	1	28.3	29.4	-3.9	1.4	1
-1	1.0140	1.0285	-1.4	.2	1	29.5	28.4	3.8	1.4	1
-2	1.0308	1.0415	-1.0	.3	1	30.1	26.9	10.6	1.7	1
-3	1.0514	1.0537	-.2	.4	1	24.9	25.2	-1.0	21.3	1



CRL: Number of dispersions= 3 Negative.
C1=.25 M2=1 C2=1 M3=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	T3
0	1.E-02	.00193	1.118	.238	4.2E-02	7.4E-05	1.7E-04
1	1.E-02	.00190	1.120	.238	4.7E-02	7.5E-05	1.7E-04
2	1.E-03	.00188	1.124	.238	5.8E-02	7.5E-05	1.7E-04
3	1.E-04	.00188	1.125	.238	6.1E-02	7.5E-05	1.7E-04

Pct Std Deviations 1.4 2.5 77.1 3.9 3.1

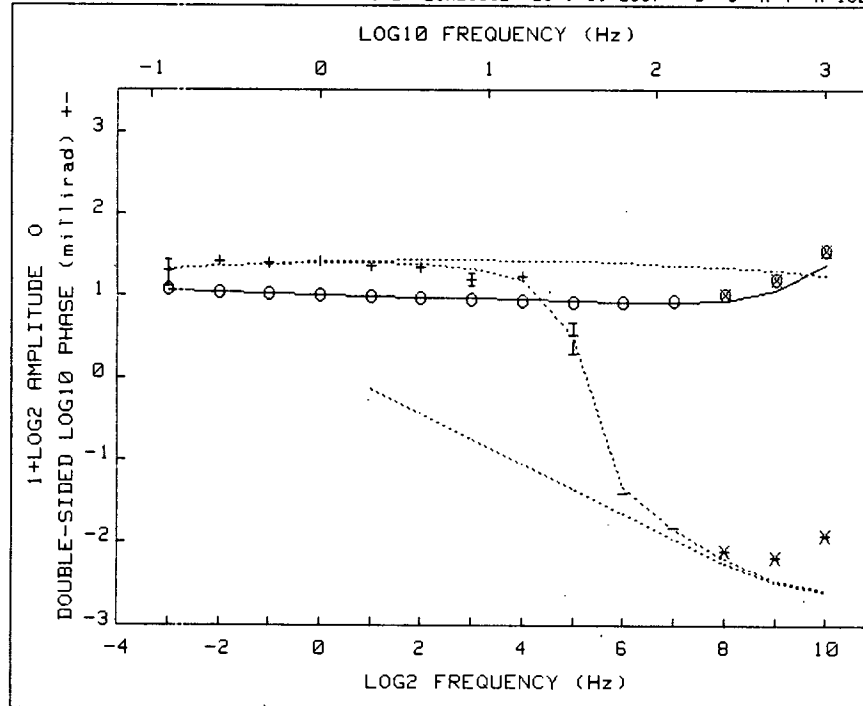
Correlation Matrix

1.000				
.256	1.000			
.752	.044	1.000		
.238	-.093	.372	1.000	
-.396	.436	-.641	.223	1.000

Apparent Resistivity Measured at 1 Hz is 18.77

Apparent Resistivity Calculated from Inductive Coupling is 1857

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-3	1.0506	1.0416	.9	.5	1	20.2	22.0	-9.0	34.7	0
-2	1.0299	1.0310	-.1	.5	1	26.2	23.5	10.3	5.0	1
-1	1.0167	1.0198	-.3	.2	1	25.4	24.7	2.9	5.3	1
0	1.0000	1.0081	-.8	.1	1	25.9	25.4	2.0	2.9	1
1	.9894	.9961	-.7	.1	1	23.0	25.4	-10.4	1.9	1
2	.9783	.9840	-.6	.1	1	22.4	24.3	-8.5	1.9	1
3	.9640	.9721	-.8	.1	1	15.8	21.4	-35.5	16.5	1
4	.9531	.9605	-.8	.0	1	16.8	15.3	9.0	4.0	1
5	.9431	.9501	-.7	.1	1	3.3	3.1	5.7	41.2	1
6	.9430	.9429	.0	.4	1	-25.1	-20.6	18.1	17.3	1
7	.9509	.9470	.4	.1	1	-65.4	-64.7	1.1	1.1	1
8	1.0020	.9896	1.2	.1	1	-126.7	-133.0	-5.0	.1	1
9	1.1493	1.1233	2.3	.1	1	-154.6	-176.7	-14.3	.1	1
10	1.4569	1.3044	10.5	.0	0	-84.2	-80.0	5.0	0.0	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00197	1.125	.233	6.4E-02	9.1E-05
1	1.E-02	.00191	1.121	.237	5.7E-02	9.4E-05
2	1.E-03	.00190	1.118	.238	4.7E-02	9.5E-05

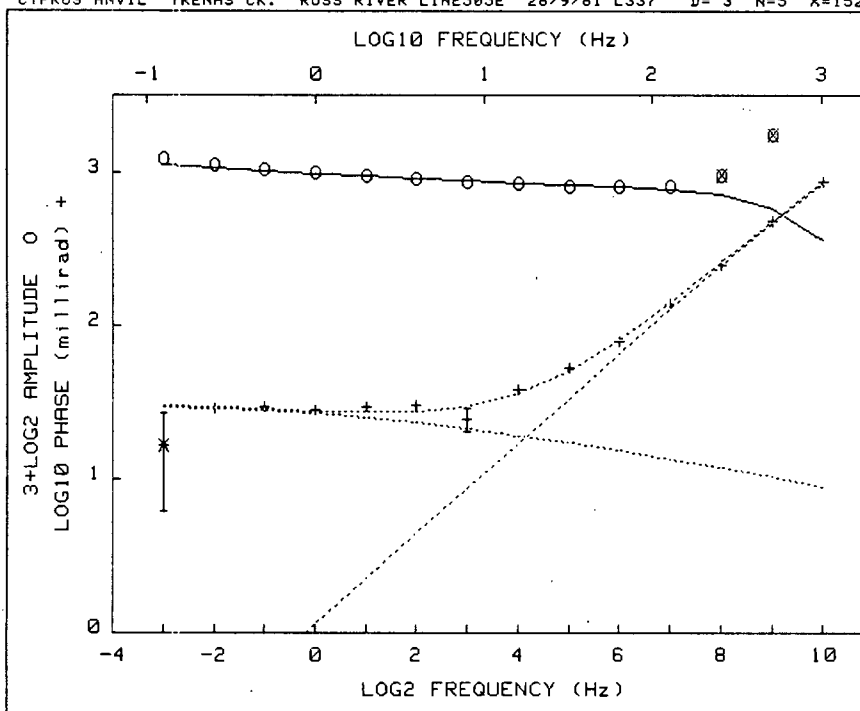
Pct Std Deviations 1.3 2.8 71.4 6.6

Correlation Matrix

1.000			
.105	1.000		
.619	-.280	1.000	
-.387	.701	-.850	1.000

Apparent Resistivity Measured at 1 Hz is 18.77
Apparent Resistivity Calculated from Inductive Coupling is 1463

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.4569	1.2998	10.8	.0	0	-84.2	-379.9	-351.2	.0	0
9	1.1493	1.0477	8.8	.1	0	-154.6	-285.8	-84.8	.1	0
8	1.0020	.9547	4.7	.1	0	-126.7	-155.3	-22.6	.1	0
7	.9509	.9354	1.6	.1	1	-65.4	-68.2	-4.2	1.1	1
6	.9430	.9385	.5	.4	1	-25.1	-21.1	16.1	17.3	1
5	.9431	.9477	-.5	.1	1	3.3	3.1	5.8	41.2	1
4	.9531	.9588	-.6	.0	1	16.8	15.3	8.8	4.0	1
3	.9640	.9705	-.7	.1	1	15.8	21.4	-35.3	16.5	1
2	.9763	.9824	-.6	.1	1	22.4	24.2	-7.9	1.9	1
1	.9894	.9944	-.5	.1	1	23.0	25.1	-9.2	1.9	1
0	1.0000	1.0062	-.6	.1	1	25.9	25.0	3.5	2.9	1
-1	1.0167	1.0176	-.1	.2	1	25.4	24.2	4.8	5.3	1
-2	1.0299	1.0286	.1	.5	1	26.2	22.9	12.5	5.0	1
-3	1.0506	1.0389	1.1	.5	1	20.2	21.4	-5.8	34.7	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00414	1.411	.351	4.8E+01	7.6E-05	.966
1	1.E-02	.00080	1.358	.328	4.5E+01	9.4E-05	.919
2	1.E-03	.00072	1.313	.306	2.4E+01	1.0E-04	.938
3	1.E-04	.00072	1.220	.264	4.5E+00	1.1E-04	.963

Pct Std Deviations 7.1 14.7 351.1 11.4 3.2

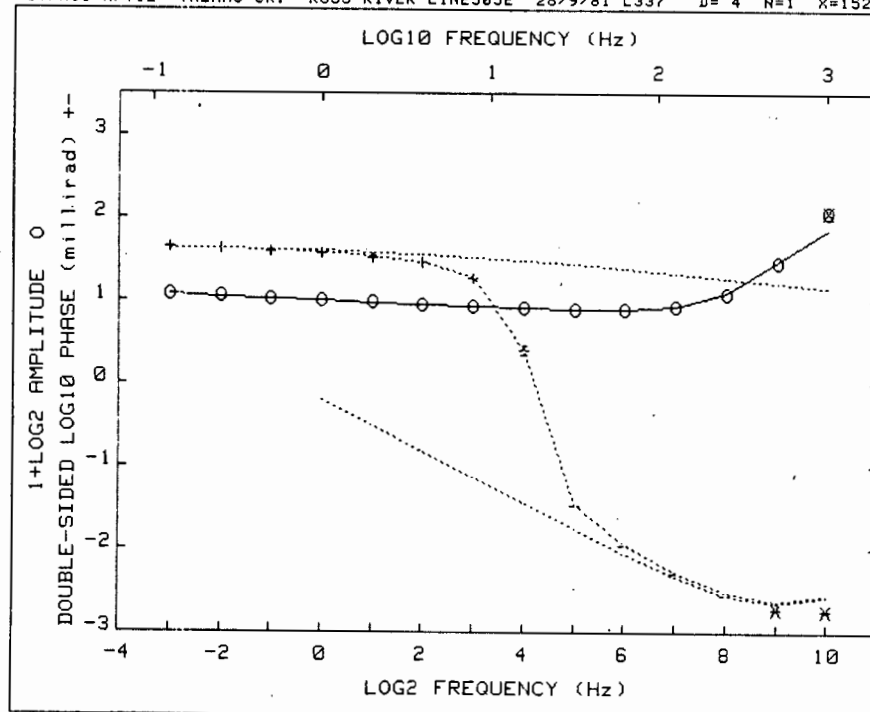
Correlation Matrix

1.000					
.995	1.000				
.990	.985	1.000			
-.886	-.877	-.889	1.000		
-.683	-.652	-.717	.862	1.000	

Apparent Resistivity Measured at 1 Hz is 44.82

Apparent Resistivity Calculated from Inductive Coupling is 1556

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.7918	.7373	58.9	.0	0	858.0	859.4	-.2	.0	1
9	1.1821	.8517	27.9	.0	0	483.4	484.5	-.2	.1	1
8	.9820	.9018	8.2	.1	0	253.2	261.8	-3.4	.2	1
7	.9374	.9230	1.5	.1	1	141.2	142.5	-.9	.7	1
6	.9374	.9346	.3	.4	1	80.3	81.4	-1.4	5.6	1
5	.9380	.9435	-.6	.1	1	53.7	51.1	4.9	4.3	1
4	.9471	.9520	-.5	.1	1	39.1	36.6	6.5	1.4	1
3	.9593	.9610	-.2	.2	1	25.1	30.2	-20.2	17.1	1
2	.9758	.9708	.3	.1	1	30.4	27.9	8.2	1.5	1
1	.9856	.9816	.4	.1	1	29.6	27.6	6.7	2.2	1
0	1.0000	.9932	.7	.1	1	28.7	28.2	1.7	2.7	1
-1	1.0127	1.0057	.7	.4	1	30.2	29.1	3.7	3.5	1
-2	1.0324	1.0190	1.3	.6	1	-29.4	29.9	-1.6	3.4	1
-3	1.0637	1.0329	2.9	.8	1	16.8	30.4	-80.8	63.2	0



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00022	1.302	.346	2.6E+00	2.0E-04
1	1.E-02	.00020	1.300	.346	2.7E+00	2.0E-04
2	1.E-03	.00020	1.306	.348	3.0E+00	1.9E-04
3	1.E-04	.00020	1.307	.349	3.1E+00	1.9E-04

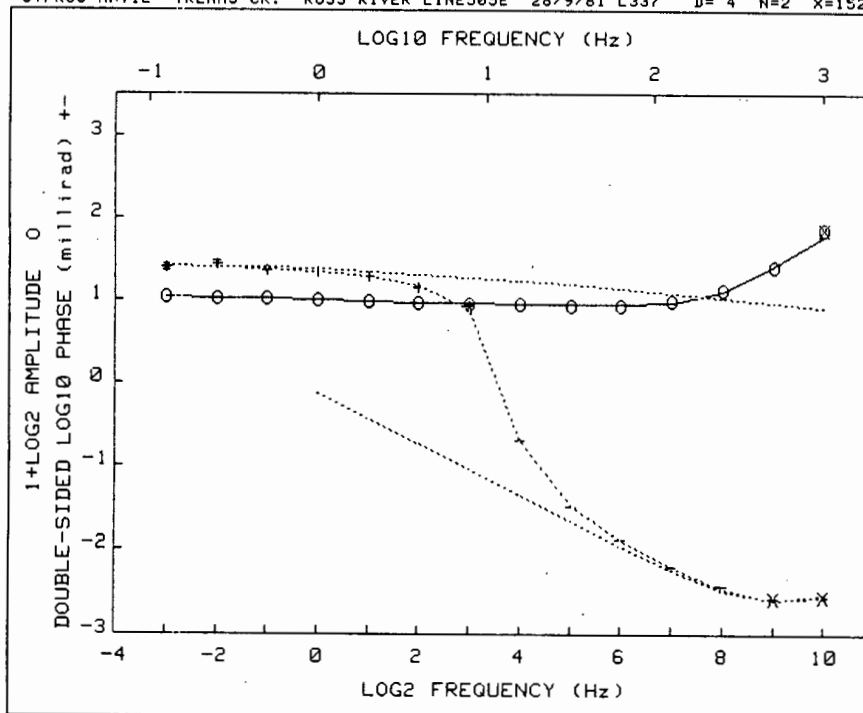
Pct Std Deviations 1.1 1.7 24.0 2.1

Correlation Matrix			
1.000			
.940	1.000		
.956	.919	1.000	
-.822	-.698	-.917	1.000

Apparent Resistivity Measured at 1 Hz is 50.38
Apparent Resistivity Calculated from Inductive Coupling is 89.18

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.0939	1.7941	14.3	.0	0	-567.3	-355.9	37.3	.2	0
9	1.3691	1.3819	-.9	.0	1	-539.0	-427.4	20.7	.0	0
8	1.0549	1.0740	-1.8	.0	1	-365.8	-337.1	7.8	.0	1
7	.9490	.9534	-.5	.0	1	-197.5	-189.9	3.8	.1	1
6	.9255	.9254	.0	.1	1	-88.4	-86.0	2.7	.5	1
5	.9287	.9266	.2	.0	1	-29.1	-28.2	3.1	.5	1
4	.9396	.9363	.3	0.0	1	2.5	2.5	1.0	12.6	1
3	.9527	.9491	.4	.0	1	18.9	19.1	-1.1	.5	1
2	.9685	.9636	.5	.0	1	28.0	28.6	-2.1	.0	1
1	.9843	.9795	.5	.0	1	33.2	34.4	-3.5	.3	1
0	1.0000	.9967	.3	.0	1	36.7	38.1	-3.7	.5	1
-1	1.0165	1.0151	.3	.0	1	39.1	40.4	-3.4	.0	1
-2	1.0365	1.0344	.2	.0	1	41.5	41.8	-.7	.2	1
-3	1.0563	1.0545	.4	.0	1	44.1	42.3	4.0	.0	1

CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 4 N=2 X=152m



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00162	1.307	.349	3.1E+00	1.9E-04
1	1.E-02	.01411	1.157	.240	1.8E+00	1.7E-04
2	1.E-03	.00155	1.169	.222	1.7E+00	1.8E-04
3	1.E-04	.00021	1.181	.227	2.9E+00	1.8E-04
4	1.E-05	.00019	1.185	.229	3.1E+00	1.8E-04
5	1.E-01	.00019	1.185	.229	3.1E+00	1.8E-04

Pct Std Deviations .8 2.0 27.4 1.8

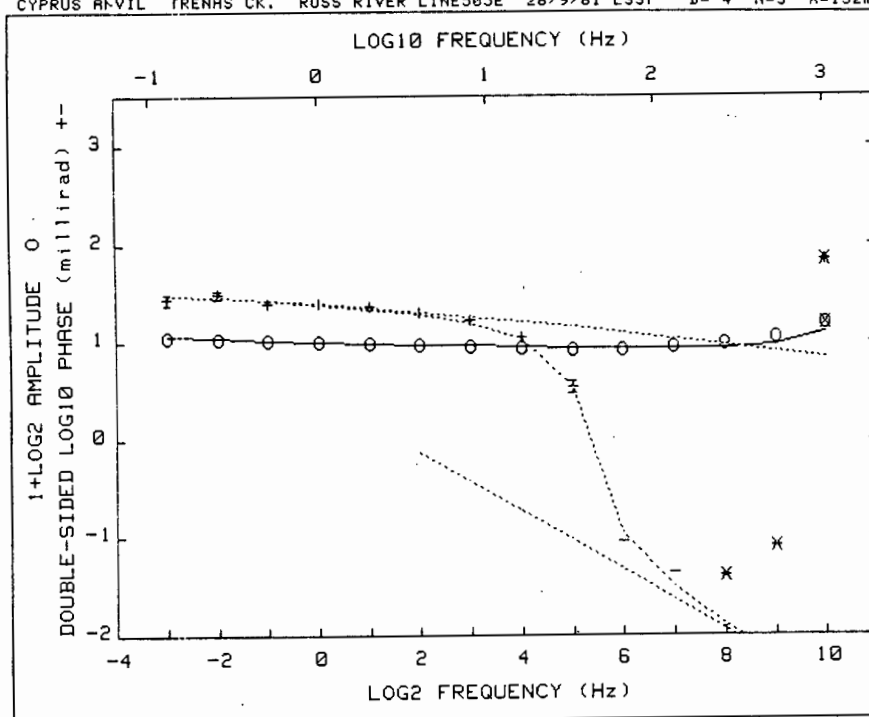
Correlation Matrix

1.000			
.916	1.000		
.925	.914	1.000	
-.788	-.695	-.894	1.000

Apparent Resistivity Measured at 1 Hz is 21.67
Apparent Resistivity Calculated from Inductive Coupling is 253.5

CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 4 N=2 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.8054	1.7082	5.4	.0	0	-357.0	-345.8	3.1	.1	0
9	1.3225	1.3292	-.5	.0	1	-376.6	-388.1	-3.1	.0	0
8	1.0783	1.0746	.3	.0	1	-260.8	-287.2	-6.9	.0	1
7	.9888	.9812	.8	.0	1	-156.4	-158.9	-1.6	.4	1
6	.9574	.9590	-.2	.2	1	-76.8	-74.8	2.7	2.2	1
5	.9571	.9582	-.1	.0	1	-29.9	-29.0	3.1	1.5	1
4	.9633	.9635	-.0	.1	1	-5.0	-4.9	1.2	13.4	1
3	.9659	.9709	-.1	.0	1	8.4	7.9	5.7	6.1	1
2	.9783	.9794	-.1	.0	1	14.5	15.1	-4.3	2.2	1
1	.9865	.9888	-.0	.1	1	19.3	19.4	-.7	.0	1
0	1.0000	.9990	.1	.0	1	21.7	22.2	-2.1	.9	1
-1	1.0102	1.0099	.0	.1	1	22.9	23.9	-4.6	.9	1
-2	1.0208	1.0214	-.1	.0	1	27.0	25.1	7.2	8.6	1
-3	1.0322	1.0333	-.1	.3	1	25.2	25.6	-1.7	10.3	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.43777	1.185	.229	3.1E+00	1.8E-04
1	1.E-02	.05235	1.246	.208	2.6E+01	4.4E-05
2	1.E-03	.00689	1.311	.313	5.7E+01	4.1E-05
3	1.E-04	.00233	1.296	.286	2.6E+01	4.0E-05
4	1.E-05	.00222	1.291	.282	2.1E+01	4.0E-05
5	1.E-02	.00222	1.291	.283	2.1E+01	4.0E-05

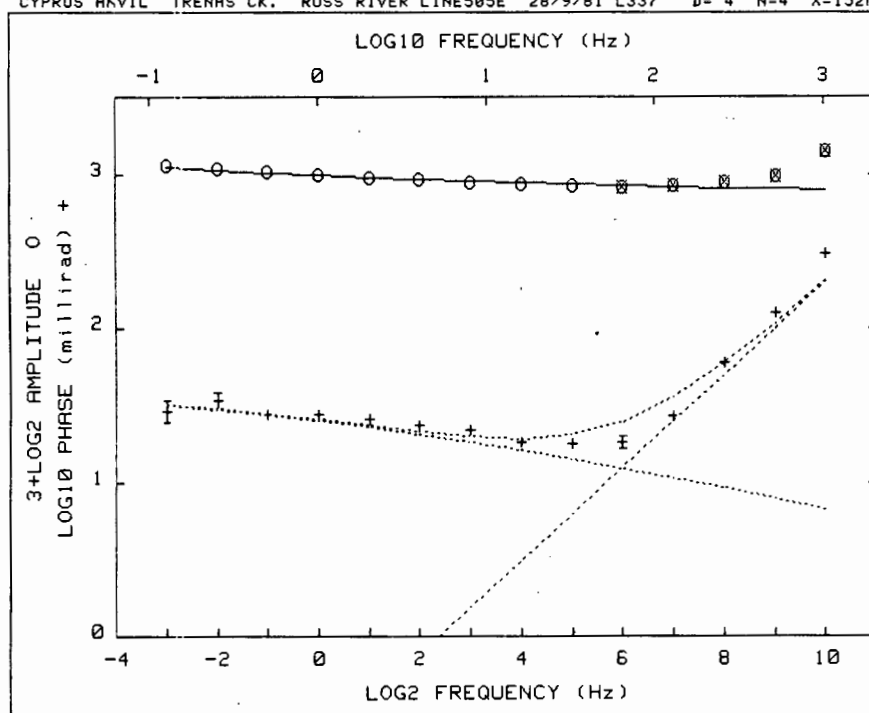
Pct Std Deviations 4.6 11.1 152.8 9.4

Correlation Matrix

1.000				
.977	1.000			
.965	.972	1.000		
-.835	-.821	-.913	1.000	

Apparent Resistivity Measured at 1 Hz is 167.6
Apparent Resistivity Calculated from Inductive Coupling is 2109

F	ObsRrp	CalRrp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1412	1.0704	6.2	.0	0	67.2	-291.8	534.3	.6	0
9	1.0382	.9805	5.6	.0	1	-12.4	-161.2	-999.0	.0	0
8	.9861	.9582	3.0	.0	1	-25.5	-77.9	-205.6	2.0	0
7	.9664	.9559	1.1	.0	1	-23.4	-32.9	-40.8	3.4	1
6	.9517	.9592	-.8	.1	1	-11.1	-9.3	16.3	1.8	1
5	.9519	.9645	-1.3	.0	1	3.5	3.5	-.6	15.4	1
4	.9568	.9710	-1.3	.1	1	11.4	11.0	3.9	5.3	1
3	.9661	.9784	-1.3	.1	1	16.8	15.8	6.2	3.6	1
2	.9768	.9868	-1.0	.0	1	20.5	19.3	5.9	1.5	1
1	.9877	.9963	-.9	.1	1	23.2	22.2	4.4	1.4	1
0	1.0000	1.0070	-.7	.0	1	25.4	24.7	2.7	.9	1
-1	1.0166	1.0188	-.8	.1	1	25.7	27.0	-4.9	.8	1
-2	1.0226	1.0316	-.9	.1	1	31.1	28.9	7.0	9.3	1
-3	1.0356	1.0456	-1.0	.4	1	28.0	30.6	-9.2	11.8	1



CRL: Number of dispersions= 2
C1=.25 C2=1 fixed

Iter	Lambca	Rchsq	R0	M1	T1	M2	T2
0	1.E-02	.00985	1.216	.258	3.8E+00	.612	5.3E-05
1	1.E-02	.00530	1.234	.261	8.0E+00	.824	2.9E-05
2	1.E-02	.00486	1.261	.275	1.5E+01	.919	2.6E-05
3	1.E-02	.00462	1.286	.288	2.2E+01	.977	2.4E-05
4	1.E-02	.00450	1.307	.298	3.1E+01	1.000	2.3E-05
5	1.E-02	.00447	1.325	.307	4.1E+01	1.000	2.2E-05

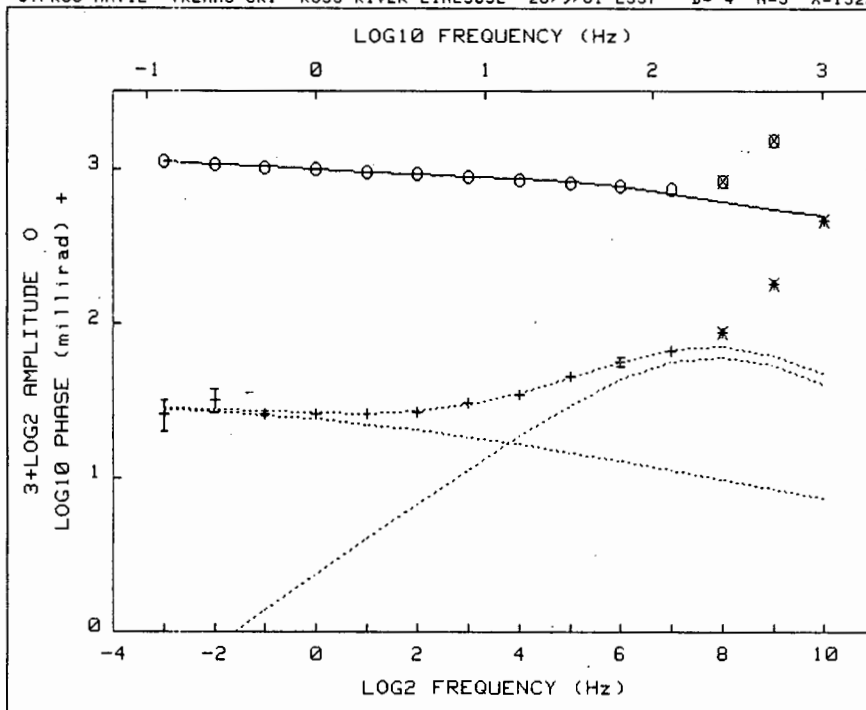
Pct Std Deviations 8.8 20.0 455.6 999.9 999.9

Correlation Matrix

1.000				
.981	1.000			
.970	.973	1.000		
-.223	-.211	-.255	1.000	
.220	.208	.252	-1.000	1.000

Apparent Resistivity Measured at 1 Hz is 147.6
Apparent Resistivity Calculated from Inductive Coupling is 6261

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1073	.9277	16.2	.0	0	310.1	209.0	32.6	.0	1
9	.9942	.9359	5.9	.0	0	127.7	109.1	14.6	.3	1
8	.9609	.9405	2.1	.0	0	60.0	59.7	.5	.7	1
7	.9509	.9442	.7	.0	0	27.5	35.8	-30.3	3.7	1
6	.9447	.9493	-.5	.2	0	18.5	24.9	-34.4	9.2	1
5	.9510	.9547	-.4	.0	1	17.7	20.4	-15.3	2.3	1
4	.9563	.9610	-.3	.1	1	18.3	19.3	-5.5	3.7	1
3	.9651	.9682	-.3	.1	1	22.3	19.9	10.6	4.1	1
2	.9752	.9765	-.1	.0	1	23.7	21.5	9.3	.6	1
1	.9870	.9860	.1	.1	1	26.2	23.5	10.2	.9	1
0	1.0000	.9966	.3	.1	1	27.6	25.0	6.6	.7	1
-1	1.0127	1.0085	.4	.1	1	27.8	28.1	-1.0	1.1	1
-2	1.0252	1.0217	.3	.1	1	34.6	30.3	12.4	11.3	1
-3	1.0366	1.0362	.2	.5	1	29.5	32.3	-9.7	15.6	1



CRL: Number of dispersions= 2
C1=.25 fixed

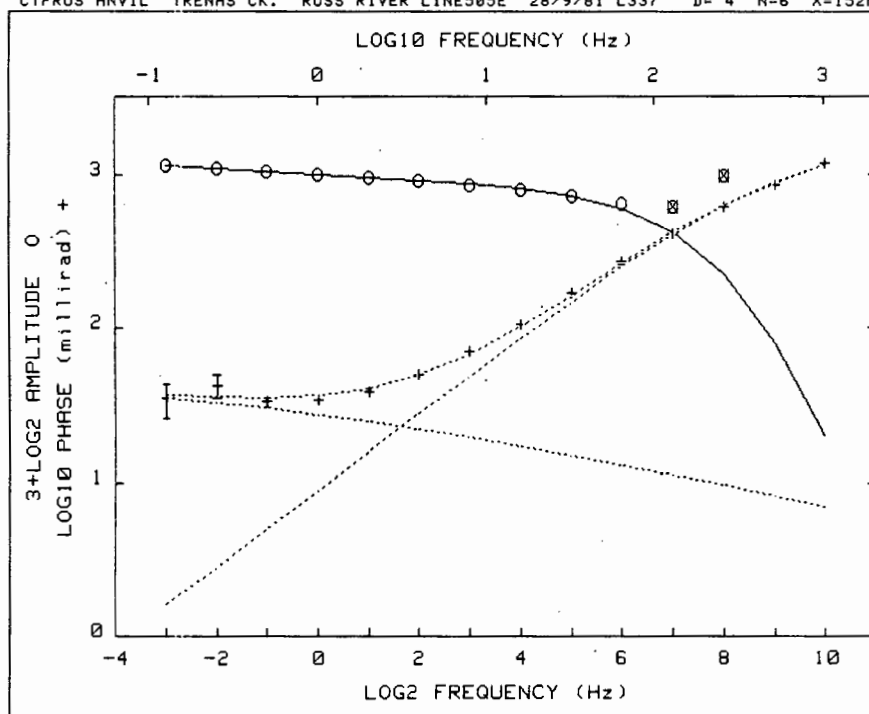
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.12370	1.392	.340	6.6E+01	.722	4.9E-04	.888
1	1.E-02	.00195	1.301	.283	6.2E+01	.266	2.4E-04	.639
2	1.E-03	.00050	1.296	.278	5.4E+01	.214	2.4E-04	.608
3	1.E-04	.00050	1.252	.260	2.0E+01	.161	4.8E-04	.675
4	1.E-04	.00047	1.232	.253	1.0E+01	.131	7.0E-04	.743
5	1.E-05	.00046	1.223	.250	7.5E+00	.120	8.0E-04	.775
6	1.E-06	.00046	1.226	.251	8.2E+00	.122	7.8E-04	.768

Pct Std Deviations 4.0 7.3 344.7 43.8 84.8 19.4

Correlation Matrix	1.000					
	.958	1.000				
	.982	.914	1.000			
	.640	.481	.716	1.000		
	-.557	-.410	-.629	-.985	1.000	
	-.739	-.576	-.811	-.964	.929	1.000

Apparent Resistivity Measured at 1 Hz is 35.76
Apparent Resistivity Calculated from Inductive Coupling is 845.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.7864	.8086	54.7	.8	0	464.9	47.5	89.8	.1	0
9	1.1334	.8301	26.8	.1	0	182.8	62.0	66.1	.1	0
8	.9439	.8604	8.8	.1	0	88.3	70.2	20.5	.2	0
7	.9111	.8934	1.9	.1	1	66.7	67.2	-.7	1.9	1
6	.9218	.9211	.1	.5	1	56.1	56.0	.2	7.0	1
5	.9377	.9410	-.4	.1	1	45.5	44.0	3.3	2.2	1
4	.9568	.9553	-.5	.2	1	34.5	35.1	-1.8	2.1	1
3	.9618	.9668	-.5	.1	1	30.4	29.8	2.1	3.3	1
2	.9744	.9773	-.3	.1	1	26.8	27.1	-1.3	1.3	1
1	.9847	.9878	-.3	.1	1	25.9	26.3	-1.4	2.2	1
0	1.0000	.9987	.1	.1	1	26.1	26.4	-1.1	1.6	1
-1	1.0050	1.0103	-.1	.2	1	25.9	27.0	-4.3	2.9	1
-2	1.0216	1.0225	-.1	.1	1	32.3	27.8	14.0	17.3	1
-3	1.0355	1.0354	.0	.7	1	26.1	28.4	-8.9	23.1	1



CRL: Number of dispersions= 2
C1=.25 fixed

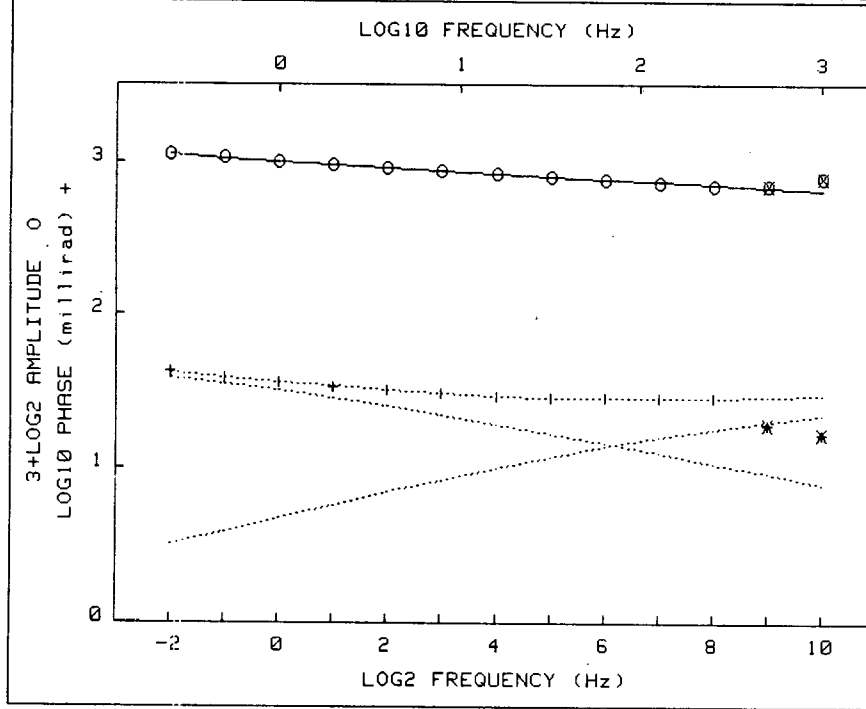
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00421	1.130	.314	1.6E-02	.709	6.1E-04	.993
1	1.E-02	.00224	1.147	.337	2.4E-02	.707	5.5E-04	.928
2	1.E-03	.00184	1.174	.261	3.0E-01	.781	5.2E-04	.864
3	1.E-03	.00100	1.212	.271	1.6E+00	.774	5.2E-04	.851
4	1.E-03	.00075	1.255	.285	5.3E+00	.767	5.1E-04	.834
5	1.E-03	.00066	1.292	.300	1.2E+01	.756	5.0E-04	.825
6	1.E-03	.00061	1.323	.312	2.2E+01	.746	5.0E-04	.819
7	1.E-03	.00059	1.350	.323	3.4E+01	.737	4.9E-04	.814
8	1.E-03	.00057	1.372	.332	4.9E+01	.729	4.9E-04	.811
9	1.E-03	.00056	1.392	.340	6.6E+01	.722	4.9E-04	.808

Pct Std Deviations 9.6 16.6 604.1 7.6 12.1 3.9

Correlation Matrix		1.000						
		.995	1.000					
		.993	.984	1.000				
		-.781	-.810	-.751	1.000			
		-.357	-.321	-.383	-.265	1.000		
		-.663	-.614	-.700	.123	.819	1.000	

Apparent Resistivity Measured at 1 Hz is 83.72
Apparent Resistivity Calculated from Inductive Coupling is 382.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	3.6530	.3084	91.6	.0	0	1168.9	1140.5	2.4	.1	1
9	1.5996	.4676	70.8	.0	0	849.9	877.9	-3.3	.0	1
8	.9908	.6360	35.8	.1	0	605.9	627.9	-3.6	.0	1
7	.8642	.7703	10.9	.1	0	407.2	415.6	-2.1	.7	1
6	.8731	.8561	1.9	.7	1	269.8	261.4	3.1	1.5	1
5	.9858	.9861	-.0	.1	1	167.3	162.0	3.2	.7	1
4	.9328	.9360	-.3	.2	1	105.4	102.4	2.8	.8	1
3	.9511	.9560	-.5	.3	1	70.3	68.5	2.6	2.3	1
2	.9681	.9714	-.3	.1	1	49.6	50.0	-.8	1.6	1
1	.9824	.9852	-.3	.1	1	39.1	40.6	-3.9	2.0	1
0	1.0000	.9986	.1	.2	1	34.3	36.5	-6.4	2.8	1
-1	1.0125	1.0127	-.0	.3	1	33.9	35.4	-4.3	3.6	1
-2	1.0245	1.0277	-.3	.2	1	42.7	35.8	16.1	18.1	1
-3	1.0438	1.0439	-.0	.9	1	34.9	37.0	-6.1	24.8	1



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.05281	1.400	.396	1.0E+00	.500	2.4E-05	.700
1	1.E-02	.00214	1.236	.325	1.1E+00	.227	1.5E-05	.777
2	1.E-03	.00022	1.279	.323	2.8E+00	.138	1.1E-05	.629
3	1.E-03	.00014	1.309	.333	5.2E+00	.109	9.8E-06	.487
4	1.E-03	.00008	1.334	.340	8.5E+00	.114	1.0E-05	.434
5	1.E-03	.00006	1.355	.347	1.2E+01	.115	1.1E-05	.416
6	1.E-03	.00005	1.372	.353	1.6E+01	.114	1.1E-05	.398
7	1.E-04	.00005	1.443	.375	5.1E+01	.114	1.2E-05	.321
8	1.E-04	.00002	1.497	.393	9.2E+01	.117	1.4E-05	.313
9	1.E-04	.00001	1.534	.404	1.3E+02	.116	1.6E-05	.304

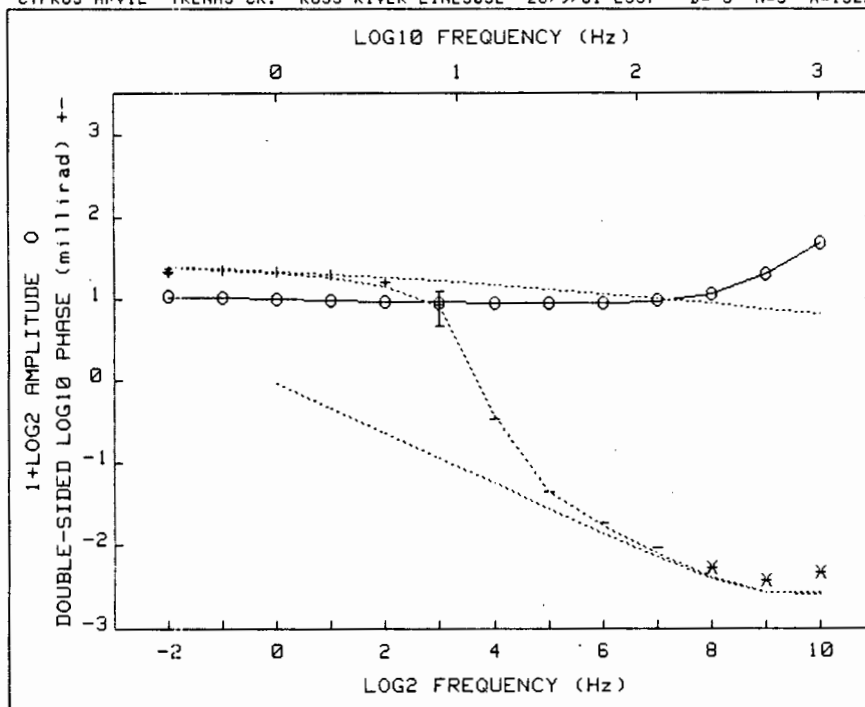
Pct Std Deviations 6.9 6.3 273.6 202.6 999.9 76.8

Correlation Matrix	1.000						
	.978	1.000					
	.997	.959	1.000				
	.869	.753	.901	1.000			
	-.856	-.737	-.889	-.999	1.000		
	-.915	-.813	-.942	-.993	.989	1.000	

CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 5 N=1 X=152m

Apparent Resistivity Measured at 1 Hz is 218.2
Apparent Resistivity Calculated from Inductive Coupling is 10.51

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9270	.8748	5.6	.0	0	16.8	30.2	-79.6	.6	0
9	.8892	.8864	.3	.0	0	19.3	29.5	-52.8	.0	0
8	.8947	.8978	-.3	.0	1	28.7	28.9	-.6	.3	1
7	.9071	.9090	-.2	.0	1	28.6	28.4	.5	.3	1
6	.9188	.9202	-.1	.0	1	28.4	28.3	.2	1.4	1
5	.9314	.9316	-.0	.0	1	28.5	28.6	-.4	.5	1
4	.9435	.9432	.0	.0	1	29.4	29.3	.2	.5	1
3	.9561	.9554	.1	.0	1	30.4	30.5	-.4	.5	1
2	.9697	.9684	.1	.0	1	32.2	32.1	.2	.3	1
1	.9844	.9824	.2	.0	1	33.9	34.2	-.8	.3	1
0	1.0000	.9976	.2	.0	1	36.0	36.5	-1.4	.0	1
-1	1.0172	1.0143	.3	.0	1	39.1	39.1	.1	.0	1
-2	1.0365	1.0325	.4	.0	1	42.3	41.7	1.3	.0	1
3	.9463	.9545	-.9	.0	1	25.1	24.3	3.2	.6	1
2	.9620	.9700	-.8	.0	1	33.7	32.7	3.1	.9	1
1	.9800	.9872	-.7	.0	1	38.6	38.2	1.1	.0	1
0	1.0000	1.0060	-.6	.0	1	41.7	42.1	-.9	.0	1
-1	1.0213	1.0264	-.5	.0	1	44.7	44.9	-.5	.0	1
-2	1.0427	1.0481	-.4	.0	1	47.7	46.8	1.8	.5	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

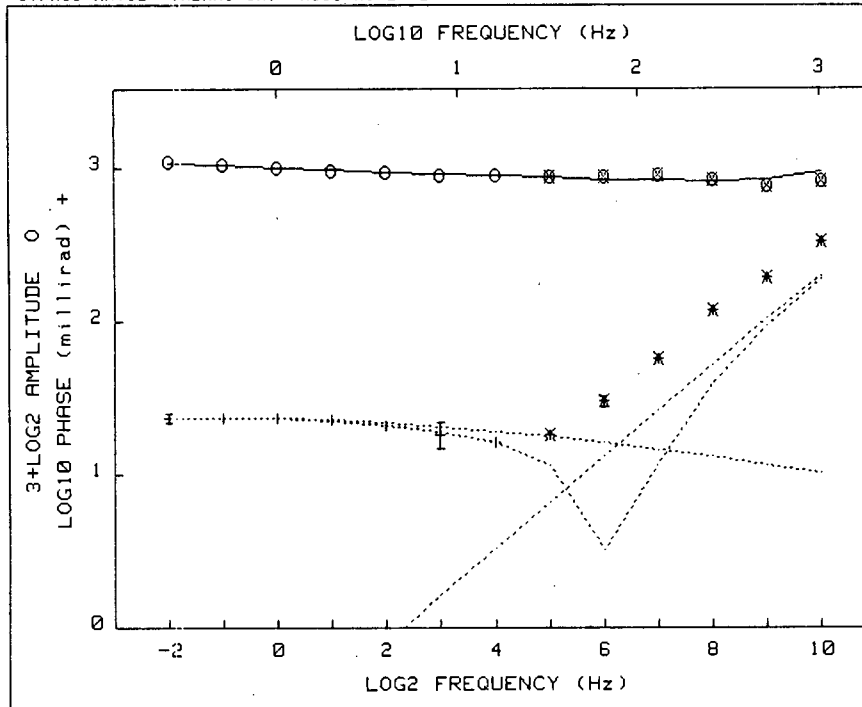
Iter	Lambda	Rchs	R0	M1	T1	T2
0	1.E-02	.00097	1.222	.243	1.1E+01	1.4E-04
1	1.E-02	.00097	1.221	.242	1.2E+01	1.4E-04

Pct Std Deviations 3.1 8.7 114.4 5.5

Correlation Matrix			
1.000			
.975	1.000		
.974	.975	1.000	
-.904	-.874	-.952	1.000

Apparent Resistivity Measured at 1 Hz is 27.78
Apparent Resistivity Calculated from Inductive Coupling is 613.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.59E4	1.6007	-1.1	.0	1	-214.8	-384.6	-79.1	.1	0
9	1.2279	1.2317	-.3	.0	1	-261.3	-372.2	-42.5	.1	0
8	1.0445	1.0363	.8	.1	1	-186.7	-245.4	-31.4	.3	0
7	.9869	.9741	1.3	.1	1	-107.1	-128.9	-20.4	.5	1
6	.9621	.9609	.1	.4	1	-53.5	-59.3	-10.9	7.8	1
5	.9578	.9617	-.4	.1	1	-22.5	-22.3	1.0	4.7	1
4	.9612	.9666	-.6	.1	1	-2.9	-2.7	6.0	23.1	1
3	.9654	.9732	-.8	.2	1	8.5	8.0	6.3	44.7	1
2	.9755	.9808	-.5	.1	1	16.3	14.2	12.7	1.4	1
1	.9861	.9893	-.3	.0	1	19.8	18.3	7.7	4.3	1
0	1.0000	.9987	.1	.1	1	22.1	21.1	4.3	2.0	1
-1	1.0132	1.0091	.4	.1	1	22.7	23.3	-2.7	3.4	1
-2	1.0235	1.0203	.3	.1	1	22.4	25.0	-11.6	7.3	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.05234	1.367	.389	3.8E+00	3.8E-05
1	1.E-02	.00423	1.144	.246	2.8E+00	2.5E-05
2	1.E-03	.00014	1.159	.219	1.4E+00	1.8E-05
3	1.E-04	.00008	1.146	.213	7.1E-01	2.6E-05
4	1.E-05	.00007	1.145	.214	6.3E-01	2.7E-05
5	1.E-06	.00007	1.145	.214	6.3E-01	2.7E-05

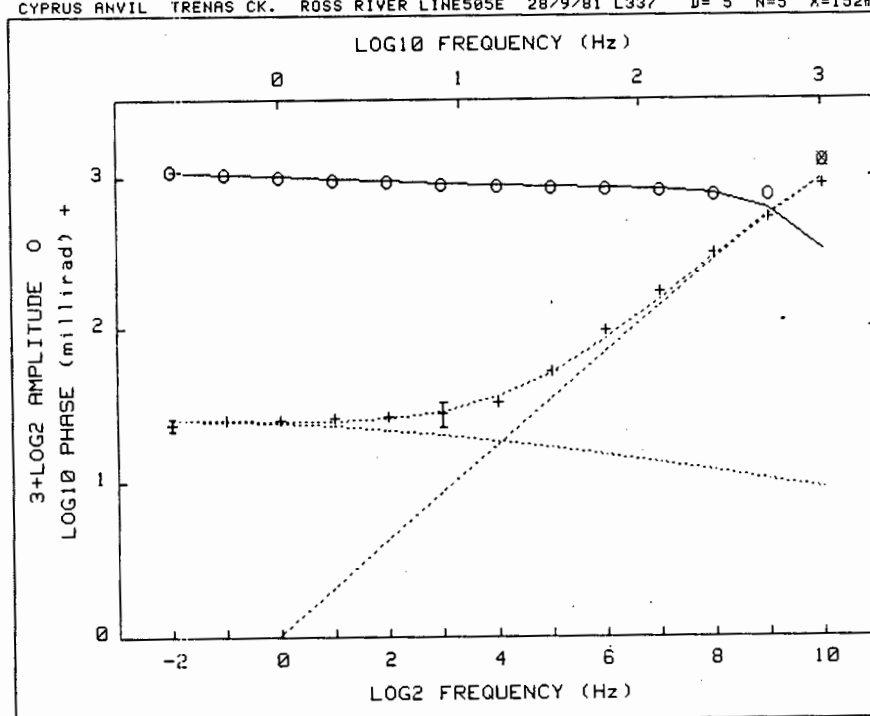
Pct Std Deviations .6 1.0 36.2 25.1

Correlation Matrix

1.000			
.715	1.000		
.908	.608	1.000	
-.707	-.250	-.856	1.000

Apparent Resistivity Measured at 1 Hz is 203.2
Apparent Resistivity Calculated from Inductive Coupling is 5164

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9399	.9761	-3.9	.0	0	335.7	189.2	43.6	.0	0
9	.9196	.9422	-2.5	.0	0	192.5	93.4	51.5	.2	0
8	.9450	.9374	.8	.0	0	118.5	39.9	66.3	.5	0
7	.9615	.9408	2.2	.1	0	58.0	11.7	79.7	1.2	0
6	.9555	.9468	.9	.2	0	30.3	3.2	89.6	7.9	0
5	.9596	.9539	.6	.2	0	18.3	11.4	37.9	4.9	0
4	.9644	.9619	.3	.2	1	16.4	16.2	1.3	4.1	1
3	.9671	.9706	-.4	.2	1	18.5	19.2	-3.9	20.5	1
2	.9776	.9800	-.2	.0	1	21.3	21.3	.2	1.5	1
1	.9878	.9900	-.2	.0	1	23.4	22.6	3.4	2.2	1
0	1.0000	1.0005	-.1	.1	1	23.6	23.5	.6	1.7	1
-1	1.0138	1.0114	.2	.1	1	23.5	23.8	-1.4	2.6	1
-2	1.0262	1.0224	.4	.1	1	23.7	23.8	-.5	7.2	1



CRL: Number of dispersions= 2
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.01068	1.530	.404	1.3E+02	1.6E-04
1	1.E-02	.00168	1.374	.335	1.2E+02	1.3E-04
2	1.E-03	.00130	1.287	.288	3.5E+01	1.4E-04
3	1.E-04	.00116	1.178	.230	4.0E+00	1.5E-04
4	1.E-05	.00089	1.174	.224	1.7E+00	1.4E-04
5	1.E-06	.00089	1.173	.225	1.6E+00	1.4E-04

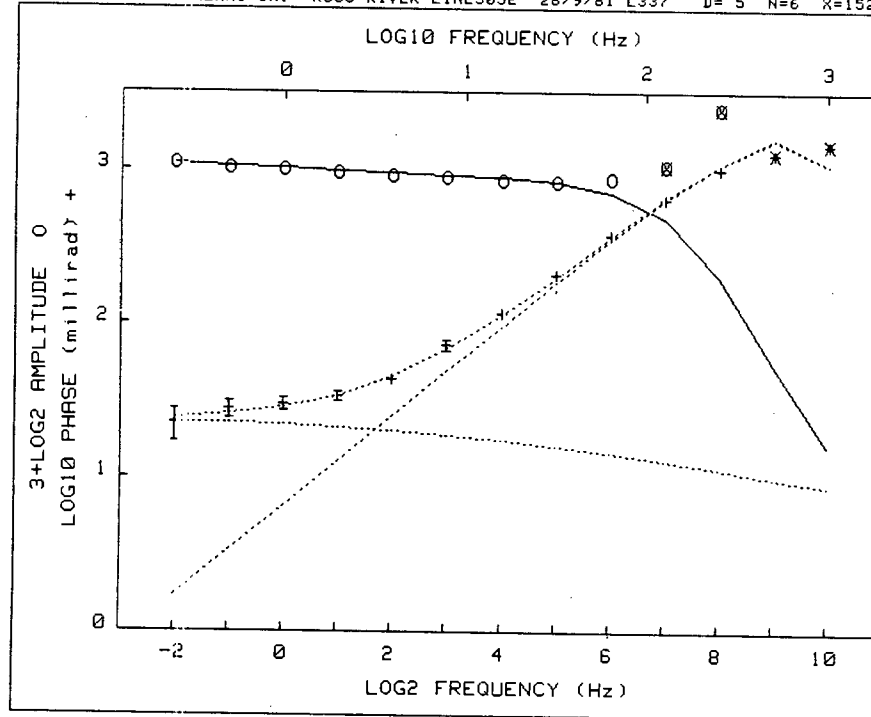
Pct Std Deviations 2.1 5.4 134.3 3.6

Correlation Matrix	1.000			
	.924	1.000		
	.928	.868	1.000	
	-.158	-.288	-.082	1.000

Apparent Resistivity Measured at 1 Hz is 165.6
Apparent Resistivity Calculated from Inductive Coupling is 1388

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0745	.7136	33.6	.0	0	888.8	979.7	-10.2	.0	1
9	.9152	.8619	5.8	.0	1	530.2	553.9	-4.5	.1	1
8	.9144	.9213	-.8	.0	1	311.7	292.9	6.0	.2	1
7	.9381	.9416	-.4	.1	1	170.6	154.6	9.4	.4	1
6	.9458	.9510	-.6	.4	1	95.3	85.4	10.4	4.6	1
5	.9522	.9583	-.6	.2	1	52.3	51.7	1.2	2.7	1
4	.9588	.9658	-.7	.2	1	33.0	35.7	-8.3	3.4	1
3	.9633	.9740	-1.1	.3	1	27.6	28.6	-3.7	17.8	1
2	.9754	.9830	-.8	.0	1	26.9	25.8	4.0	1.1	1
1	.9854	.9929	-.8	.0	1	26.3	25.0	4.9	2.7	1
0	1.0000	1.0034	-.3	.1	1	25.5	25.0	1.8	2.3	1
-1	1.0147	1.0145	.0	.1	1	25.3	25.3	.0	3.0	1
-2	1.0260	1.0261	-.0	.1	1	23.8	25.4	-6.9	9.2	1

CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 5 N=6 X=152m



CRL: Number of dispersions= 2
T1=1 C1=.25 M2=1 fixed

Iter	Lambda	Rchs	R0	M1	T2	C2
0	1.E-02	.02391	1.148	.212	2.6E-04	.819
1	1.E-02	.00156	1.151	.199	7.4E-04	.915
2	1.E-03	.00090	1.150	.206	7.1E-04	.957
3	1.E-04	.00090	1.150	.205	7.2E-04	.958

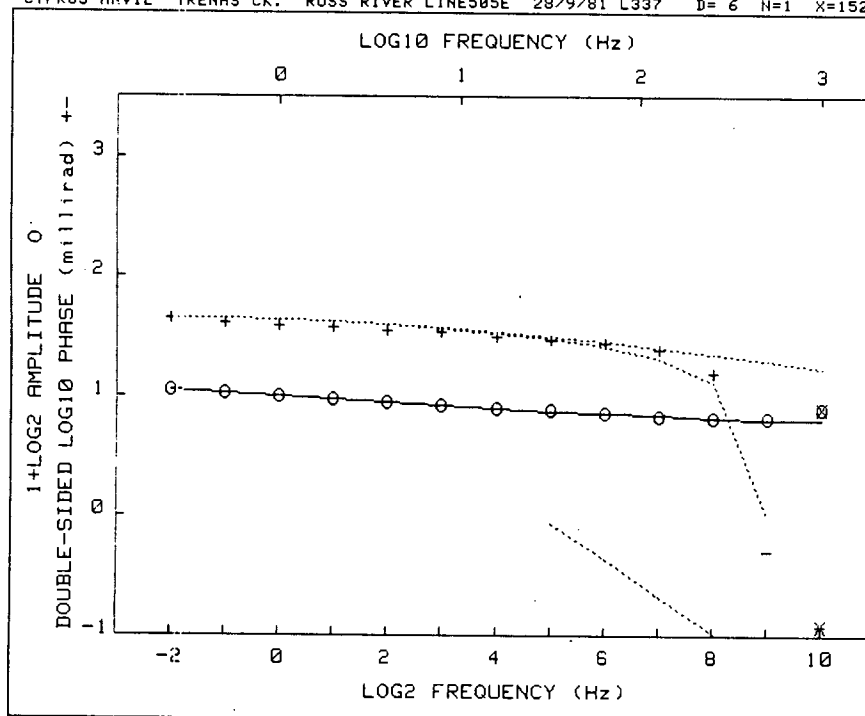
Pct Std Deviations .9 4.5 4.8 2.2

Correlation Matrix	1.000				
	.609	1.000			
	-.235	-.188	1.000		
	.087	.491	.484	1.000	

Apparent Resistivity Measured at 1 Hz is 38.80
Apparent Resistivity Calculated from Inductive Coupling is 333.9

CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 5 N=6 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	4.8761	.2890	94.1	.0	0	1450.7	1061.2	-26.9	.0	0
9	2.2550	.4174	81.5	.1	0	1257.2	1570.2	-24.9	.0	0
8	1.3144	.5191	52.9	.1	0	985.3	1074.2	-9.0	.1	1
7	1.0153	.8018	21.0	.2	0	643.1	653.9	-1.7	.2	1
6	.9553	.9005	5.7	1.0	1	374.9	365.9	2.4	3.7	1
5	.9414	.9421	-.1	.2	1	207.3	200.2	3.4	1.4	1
4	.9529	.9615	-.9	.4	1	116.7	112.5	3.6	1.7	1
3	.9617	.9738	-1.3	.4	1	72.5	67.6	6.8	7.6	1
2	.9731	.9841	-1.1	.1	1	43.9	45.1	-2.7	5.6	1
1	.9823	.9940	-1.2	.1	1	33.6	34.0	-1.1	7.5	1
0	1.0000	1.0041	-.4	.4	1	30.0	28.6	4.7	9.6	1
-1	1.0054	1.0145	-.9	.4	1	27.6	25.9	6.1	12.6	1
-2	1.0245	1.0251	-.1	.4	1	22.4	24.5	-9.3	23.2	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.02959	1.330	.436	3.1E+00	4.0E-06
1	1.E-02	.00603	1.291	.366	1.6E+00	4.2E-06
2	1.E+00	.00565	1.308	.365	1.6E+00	4.0E-06
3	1.E+01	.00564	1.308	.365	1.6E+00	4.0E-06

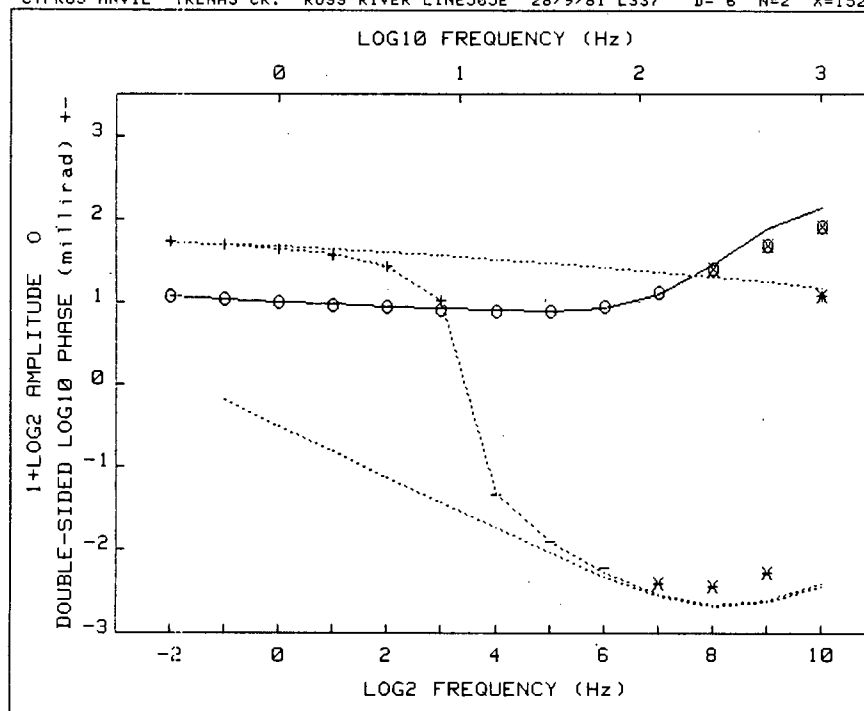
Pct Std Deviations 6.4 9.2 253.0 56.3

Correlation Matrix

1.000			
.946	1.000		
.935	.880	1.000	
-.644	-.525	-.787	1.000

Apparent Resistivity Measured at 1 Hz is 442.1
Apparent Resistivity Calculated from Inductive Coupling is 4307

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9308	.8720	6.3	.0	0	-8.4	-21.3	-154.1	3.6	0
9	.8831	.8782	.6	.0	1	-2.0	0.0	100.0	5.0	1
8	.8812	.8862	-.6	.0	1	15.7	13.1	16.6	1.3	1
7	.8923	.8956	-.4	.0	1	24.6	20.8	15.5	.0	1
6	.9058	.9063	-.1	.0	1	27.6	26.1	5.3	1.4	1
5	.9201	.9184	.2	.0	1	29.8	30.4	-1.9	.5	1
4	.9344	.9320	.3	.0	1	31.8	33.9	-6.6	.4	1
3	.9498	.9478	.3	.0	1	34.0	37.0	-8.9	.3	1
2	.9660	.9636	.3	.0	1	35.8	39.7	-10.9	.3	1
1	.9819	.9815	.0	.0	1	37.3	41.9	-12.4	.3	1
0	1.0000	1.0006	-.1	.0	1	39.1	43.6	-11.5	.0	1
-1	1.0189	1.0208	-.2	.0	1	41.8	44.6	-6.8	.0	1
-2	1.0401	1.0418	-.2	.0	1	44.8	45.0	-.4	.0	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00045	1.501	.433	1.5E+01	3.2E-04
1	1.E-02	.00037	1.509	.438	1.4E+01	3.3E-04
2	1.E-03	.00037	1.499	.435	1.3E+01	3.4E-04

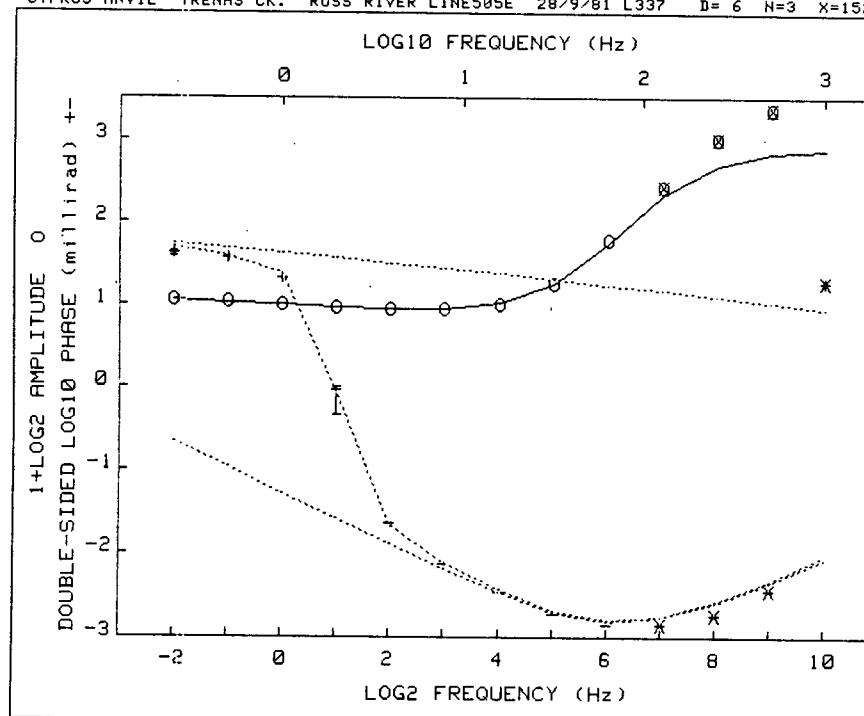
Pct Std Deviations 4.0 4.5 75.3 5.6

Correlation Matrix

1.000			
.990	1.000		
.987	.977	1.000	
-.942	-.917	-.970	1.000

Apparent Resistivity Measured at 1 Hz is 83.92
Apparent Resistivity Calculated from Inductive Coupling is 135.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.8856	2.1873	-16.1	.0	0	11.8	-258.4	999.0	.0	0
9	1.6072	1.8445	-14.8	.0	0	-186.1	-488.2	-119.3	.1	0
8	1.3167	1.3738	-4.3	.0	0	-277.6	-458.9	-65.3	.0	0
7	1.0906	1.0650	2.4	.0	1	-253.0	-341.1	-34.8	.0	0
6	.9658	.9544	1.6	.1	1	-164.2	-184.1	-12.1	1.1	1
5	.9309	.9322	-.1	.0	1	-78.4	-78.8	-.4	.5	1
4	.9304	.9371	-.7	.0	1	-21.6	-20.7	4.1	2.0	1
3	.9421	.9501	-.9	.0	1	10.7	10.4	3.0	3.0	1
2	.9554	.9664	-.7	.0	1	27.6	27.7	-.3	1.3	1
1	.9784	.9850	-.7	.1	1	37.4	38.0	-1.6	.5	1
0	1.0000	1.0056	-.6	.0	1	43.5	44.7	-2.8	.5	1
-1	1.0255	1.0282	-.3	.1	1	50.1	49.4	1.5	1.4	1
-2	1.0522	1.0526	-.0	.1	1	53.8	52.6	2.2	2.3	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambca	Rchsq	R0	M1	T1	T2
0	1.E-02	.72075	1.500	.435	1.3E+01	8.4E-04
1	1.E-02	.08267	1.242	.278	2.6E+01	1.8E-03
2	1.E-03	.07220	1.434	.417	1.4E+01	1.8E-03
3	1.E-02	.05299	1.424	.386	3.3E+01	2.2E-03
4	1.E-03	.02934	1.725	.516	2.2E+02	1.6E-03
5	1.E-03	.01081	2.201	.614	2.2E+03	1.3E-03
6	1.E-03	.00238	2.750	.686	9.3E+03	1.1E-03
7	1.E-01	.00121	2.790	.681	9.0E+03	1.1E-03
8	1.E+02	.00121	2.790	.682	9.0E+03	1.1E-03

Pct Std Deviations 4.3 2.1 15.3 4.7

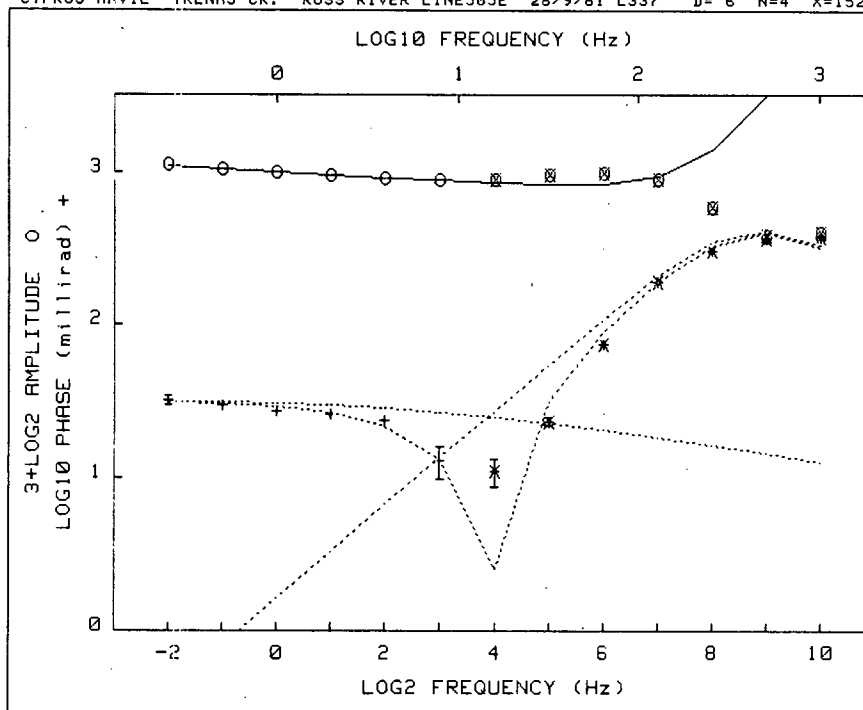
Correlation Matrix

1.000
.976 1.000
.951 .937 1.000
-.831 -.783 -.946 1.000

CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 6 N=3 X=152m

Apparent Resistivity Measured at 1 Hz is 14.54
Apparent Resistivity Calculated from Inductive Coupling is 80.55

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	5.6665	3.6605	35.4	.0	0	18.6	-107.5	678.2	1.1	0
9	5.1397	3.5592	30.8	.0	0	-281.7	-210.8	25.2	.0	0
8	3.9979	3.2251	19.3	.0	0	-562.2	-383.6	31.8	.1	0
7	2.6866	2.4987	7.0	.1	0	-728.9	-577.2	20.8	.1	0
6	1.7034	1.6783	1.5	.2	1	-718.2	-630.4	12.2	.6	1
5	1.1966	1.1903	.0	.0	1	-524.8	-479.5	8.6	.2	1
4	1.0025	1.0121	-1.0	.0	1	-296.4	-271.3	8.5	.3	1
3	.9595	.9697	-1.1	.2	1	-134.4	-126.0	6.3	.7	1
2	.9637	.9691	-.6	.1	1	-42.9	-44.8	-4.5	3.0	1
1	.9751	.9808	-.2	.2	1	-1.1	-1.1	-2.4	98.3	1
0	1.0000	.9972	.3	.2	1	21.3	23.5	-10.5	5.2	1
-1	1.0247	1.0170	.7	.1	1	37.0	39.0	-5.4	5.5	1
-2	1.0469	1.0401	.7	.2	1	42.0	50.1	-19.3	6.7	1



CRL: Number of dispersions= 2 Negative.
T1=1 C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T2
0	1.E-02	.01683	1.310	.312	1.3E-04
1	1.E-02	.00083	1.189	.265	2.3E-04
2	1.E-03	.00029	1.200	.272	2.2E-04
3	1.E-04	.00029	1.200	.272	2.1E-04

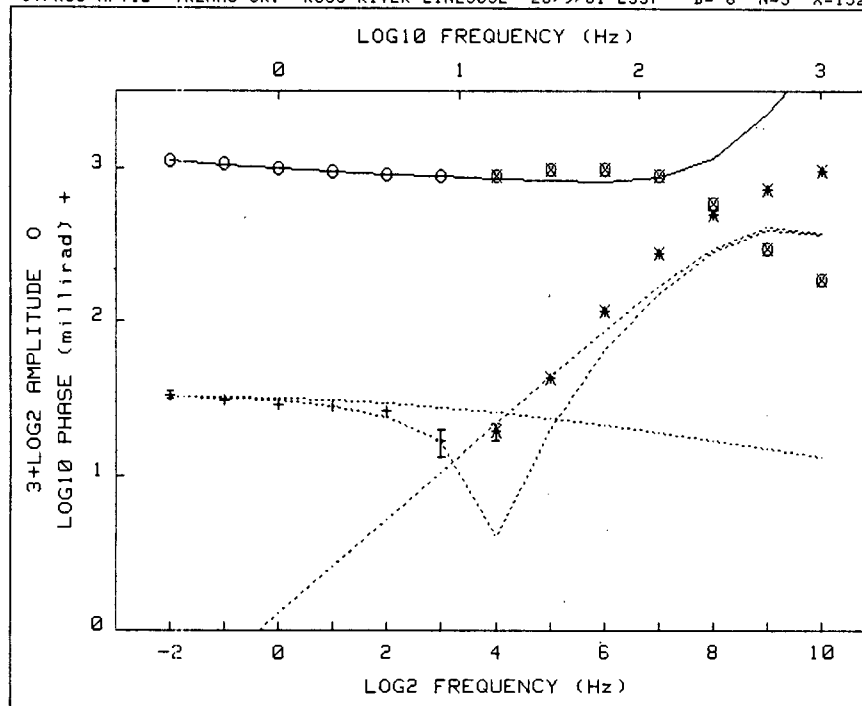
Pct Std Deviations .6 1.7 5.9

Correlation Matrix

1.000		
.580	1.000	
.448	.772	1.000

Apparent Resistivity Measured at 1 Hz is 81.92
Apparent Resistivity Calculated from Inductive Coupling is 650.6

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7580	1.7809	-134.9	.1	0	375.8	319.2	15.1	.2	0
9	.7466	1.4074	-88.5	.1	0	362.4	399.7	-10.3	.2	0
8	.8462	1.1020	-29.9	.1	0	384.2	327.8	-7.8	.2	0
7	.9609	.9750	-1.5	.4	0	191.6	189.8	1.0	.3	0
6	.9912	.9433	4.8	.3	0	73.7	88.7	-20.4	5.4	0
5	.9850	.9423	4.3	.3	0	23.4	32.2	-37.7	6.5	0
4	.9631	.9500	1.4	.2	0	10.9	2.5	76.9	20.4	0
3	.9606	.9606	.0	.1	1	12.9	13.2	-2.1	24.0	1
2	.9706	.9725	-.2	.0	1	23.7	21.7	8.4	2.5	1
1	.9825	.9854	-.3	.1	1	26.2	26.5	-1.1	3.5	1
0	1.0000	.9990	.1	.1	1	27.3	29.2	-6.9	2.8	1
-1	1.0137	1.0132	.1	.1	1	30.1	30.6	-1.7	3.2	1
-2	1.0311	1.0277	.3	.1	1	31.9	31.1	2.5	6.9	1



CRL: Number of dispersions= 2 Negative.
 T1=1 C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T2
0	1.E-02	.00187	1.200	.272	2.1E-04
1	1.E-02	.00029	1.210	.280	1.8E-04
2	1.E-03	.00025	1.209	.279	1.7E-04
3	1.E-04	.00025	1.209	.279	1.7E-04

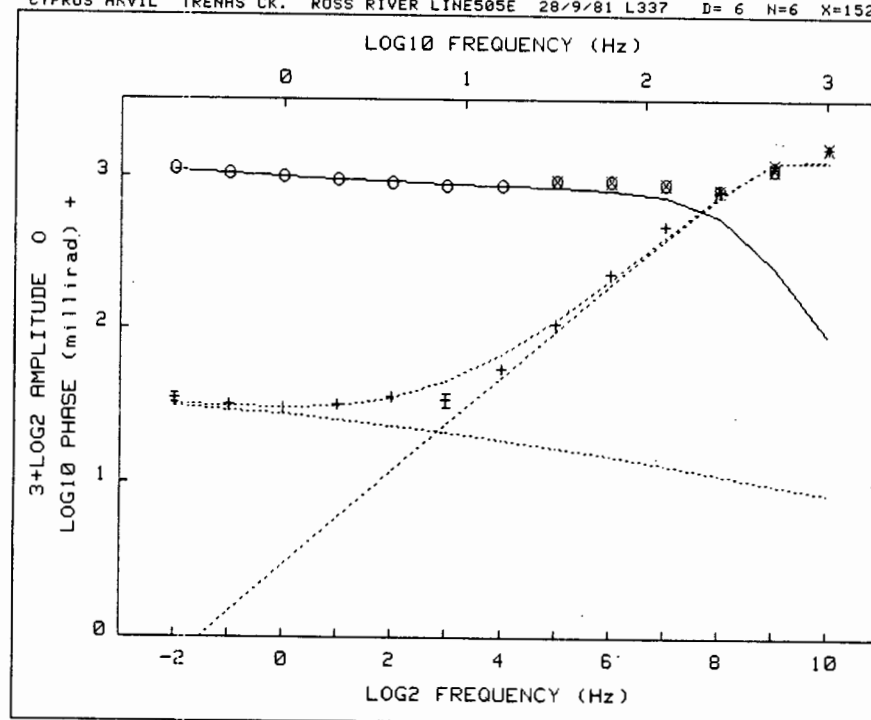
Pct Std Deviations .6 1.6 8.3

Correlation Matrix

1.000		
.599	1.000	
.442	.739	1.000

Apparent Resistivity Measured at 1 Hz is 588.5
 Apparent Resistivity Calculated from Inductive Coupling is 1178

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6838	1.6616	-175.2	.1	0	940.7	363.5	61.4	.1	0
9	.6938	1.2790	-84.3	.1	0	716.8	394.0	45.0	.2	0
8	.8453	1.0380	-22.2	.1	0	489.4	281.2	42.5	.1	0
7	.9668	.9549	1.2	.3	0	275.8	149.6	45.7	.1	0
6	.9944	.9383	5.6	.2	0	117.1	65.4	44.1	1.6	0
5	.9889	.9415	4.8	.3	0	42.6	19.9	53.3	3.4	0
4	.9669	.9505	1.7	.2	0	19.3	4.0	79.1	12.5	0
3	.9635	.9616	.2	.2	1	16.5	16.9	-2.1	20.0	1
2	.9720	.9739	-.2	.0	1	25.8	24.0	7.1	2.4	1
1	.9856	.9872	-.2	.1	1	28.1	28.1	.1	1.8	1
0	1.0000	1.0012	-.1	.1	1	28.6	30.4	-6.4	1.9	1
-1	1.0163	1.0159	.0	.1	1	30.8	31.7	-2.8	1.6	1
-2	1.0334	1.0309	.2	.1	1	33.2	32.1	3.4	5.8	1



CRL: Number of dispersions= 2
T1=10 C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T2
0	1.E-02	.00282	1.268	.286	3.3E-04
1	1.E-02	.00220	1.266	.285	3.6E-04
2	1.E-03	.00220	1.267	.286	3.6E-04

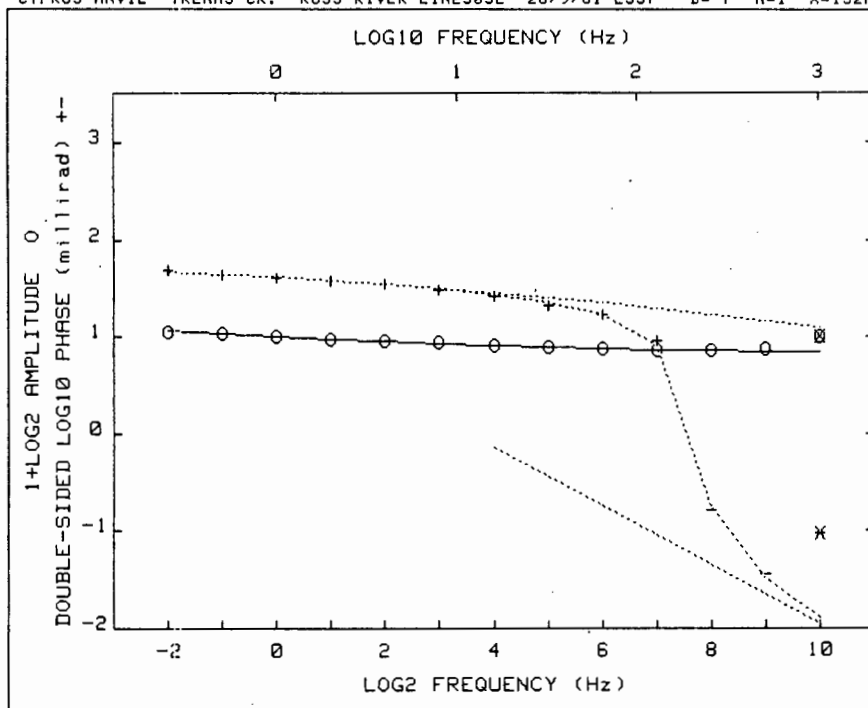
Pct Std Deviations 1.8 4.5 6.4

Correlation Matrix

1.000		
.711	1.000	
-.372	-.522	1.000

Apparent Resistivity Measured at 1 Hz is 475.9
Apparent Resistivity Calculated from Inductive Coupling is 752.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.5157	.4885	67.8	.0	0	1537.9	1267.4	17.6	.0	0
9	1.0371	.6650	35.9	.0	0	1204.7	1269.5	-5.4	.0	0
8	.9341	.8300	11.2	.0	0	813.9	744.4	8.5	.0	1
7	.9632	.9093	5.6	.3	0	470.3	398.8	15.2	.1	1
6	.9767	.9372	4.0	.4	0	230.5	209.7	9.0	1.7	1
5	.9765	.9491	2.8	.3	0	108.6	114.0	-5.0	1.5	1
4	.9592	.9575	.2	.2	1	55.1	67.2	-22.0	5.1	1
3	.9553	.9660	-.7	.2	1	34.3	45.1	-31.4	10.8	1
2	.9702	.9754	-.5	.1	1	35.8	35.2	1.6	2.2	1
1	.9829	.9860	-.3	.1	1	32.0	31.5	1.7	2.4	1
0	1.0000	.9977	.2	.1	1	30.7	30.6	.4	2.5	1
-1	1.0159	1.0105	.5	.2	1	32.3	31.0	4.0	3.5	1
-2	1.0387	1.0244	.6	.1	1	35.3	31.9	9.7	7.1	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2
0	1.E-02	.29755	1.308	.365	1.6E+00	4.0E-06
1	1.E-00	.04897	1.152	.249	1.9E+00	6.2E-06
2	1.E-01	.00826	1.261	.328	2.1E+00	9.3E-06
3	1.E-02	.00110	1.320	.349	3.7E+00	9.8E-06
4	1.E-03	.00047	1.397	.383	1.0E+01	9.2E-06
5	1.E-04	.00042	1.434	.397	1.4E+01	8.9E-06
6	1.E-05	.00042	1.437	.398	1.4E+01	8.9E-06

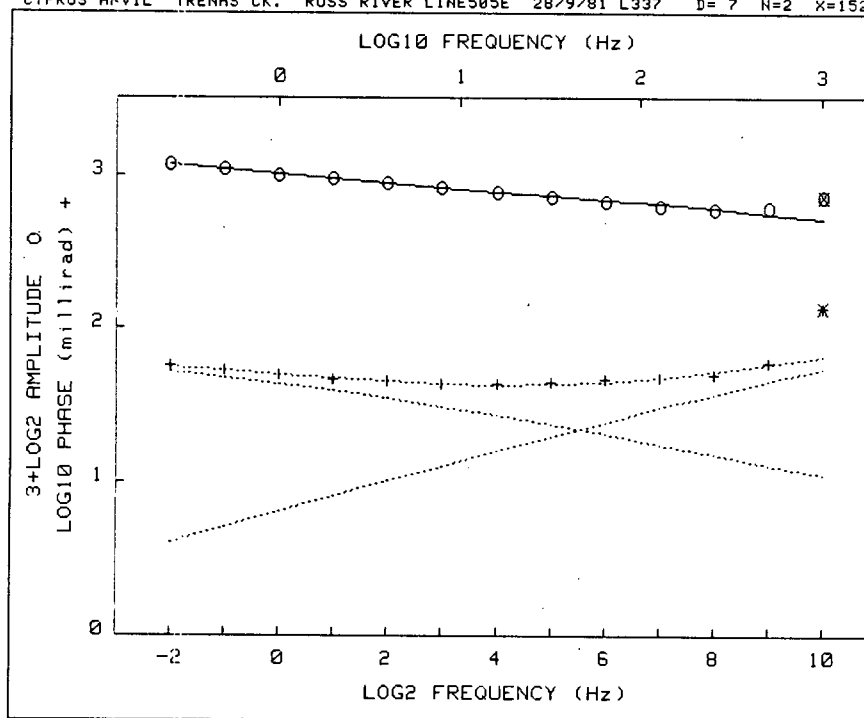
Pct Std Deviations 2.7 4.0 47.2 4.4

Correlation Matrix

1.000			
.986	1.000		
.974	.972	1.000	
-.988	-.896	-.958	1.000

Apparent Resistivity Measured at 1 Hz is 355.4
Apparent Resistivity Calculated from Inductive Coupling is 1942

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0057	.9020	10.3	.1	0	-10.8	-78.6	-628.0	10.2	0
9	.9229	.9013	2.3	.1	1	-27.9	-31.0	-11.2	.0	1
8	.9044	.9061	-.2	.0	1	-6.2	-5.7	7.3	.0	1
7	.9057	.9130	-.8	.0	1	9.2	8.2	10.4	2.2	1
6	.9148	.9213	-.7	.0	1	17.2	16.7	2.8	2.6	1
5	.9270	.9309	-.4	.0	1	21.2	22.6	-6.4	1.9	1
4	.9410	.9419	-.1	.0	1	26.4	27.1	-2.8	.5	1
3	.9556	.9545	.1	.0	1	30.7	31.2	-1.5	.5	1
2	.9706	.9687	.2	.0	1	35.2	34.9	.9	.3	1
1	.9850	.9847	.0	.0	1	37.4	38.4	-2.5	.3	1
0	1.0000	1.0025	-.3	.0	1	40.9	41.6	-1.6	.0	1
-1	1.0207	1.0220	-.1	.0	1	44.2	44.4	-.5	.0	1
-2	1.0423	1.0433	-.1	.0	1	48.5	46.8	3.4	.0	1



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00102	1.353	.411	1.3E+00	1.000	8.5E-06	.963
1	1.E-02	.00064	1.352	.410	1.2E+00	.754	6.4E-06	.868
2	1.E-03	.00054	1.373	.409	1.9E+00	.406	3.7E-06	.615
3	1.E-04	.00050	1.458	.420	8.9E+00	.301	2.1E-06	.393
4	1.E-04	.00024	1.567	.447	3.4E+01	.359	1.9E-06	.364
5	1.E-04	.00019	1.650	.471	6.6E+01	.355	1.5E-06	.354
6	1.E-04	.00018	1.698	.482	9.5E+01	.363	1.2E-06	.341
7	1.E-04	.00018	1.728	.489	1.2E+02	.374	9.5E-07	.332
8	1.E-04	.00017	1.748	.494	1.4E+02	.387	7.8E-07	.326

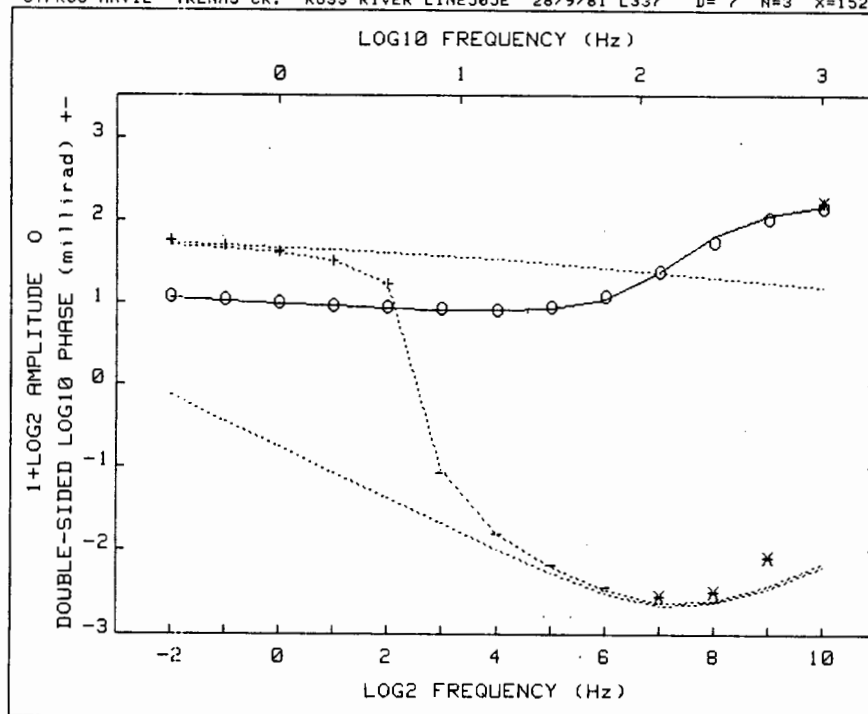
Pct Std Deviations 25.1 17.5 999.9 999.9 999.9 161.6

Correlation Matrix	1.000						
	.988	1.000					
	.997	.974	1.000				
	.817	.726	.853	1.000			
	-.837	-.750	-.871	-.999	1.000		
	-.892	-.815	-.922	-.985	.991	1.000	

CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 7 N=2 X=152m

Apparent Resistivity Measured at 1 Hz is 262.5
Apparent Resistivity Calculated from Inductive Coupling is 316.3

F	ObsRrp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9853	.8173	9.7	.0	0	138.1	66.2	52.1	.1	0
9	.8632	.8389	2.8	.0	1	68.3	58.4	3.1	.5	1
8	.8568	.8585	-.3	.0	1	49.5	52.4	-5.8	.0	1
7	.8653	.8767	-.8	.0	1	48.3	47.9	.7	.7	1
6	.8864	.8939	-.6	.0	1	46.2	45.0	2.6	1.0	1
5	.9063	.9105	-.5	.0	1	44.3	43.4	2.1	.5	1
4	.9252	.9272	-.2	.0	1	43.3	43.0	.8	.7	1
3	.9447	.9444	.0	.0	1	43.0	43.6	-1.3	.5	1
2	.9635	.9624	.1	.0	1	45.1	45.1	.1	.4	1
1	.9815	.9817	-.0	.0	1	46.6	47.3	-1.5	.2	1
0	1.0000	1.0027	-.3	.0	1	50.0	50.1	-.2	.2	1
-1	1.0245	1.0256	-.1	.0	1	53.1	53.2	-.2	.0	1
-2	1.0513	1.0507	.1	.0	1	57.1	56.5	1.0	.2	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.19193	1.322	.382	1.1E+00	5.1E-04
1	1.E-02	.01035	1.319	.346	4.8E+00	6.8E-04
2	1.E-03	.00126	1.425	.417	9.9E+00	6.1E-04
3	1.E-04	.00101	1.428	.415	7.7E+00	6.2E-04
4	1.E-02	.00101	1.428	.415	7.8E+00	6.3E-04

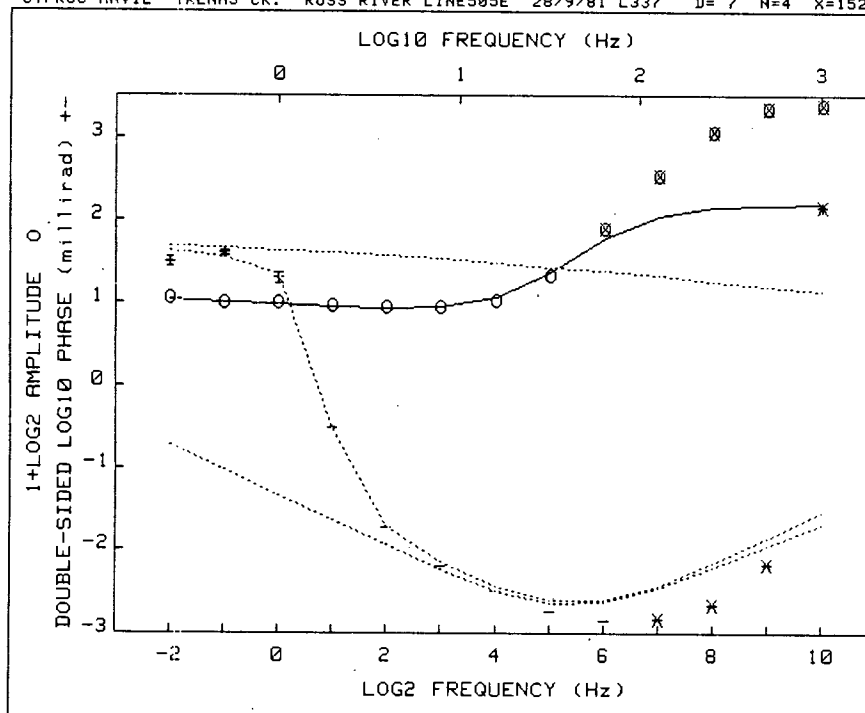
Pct Std Deviations 2.7 3.4 62.7 4.7

Correlation Matrix

1.000				
.930	1.000			
.947	.865	1.000		
-.855	-.705	-.934	1.000	

Apparent Resistivity Measured at 1 Hz is 56.88
Apparent Resistivity Calculated from Inductive Coupling is 136.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.2302	2.2386	-.4	.0	1	163.0	-143.8	188.2	.1	0
9	2.0345	2.0962	-3.0	.0	1	-121.0	-267.3	-128.9	.0	0
8	1.6686	1.7467	-4.7	.0	1	-310.9	-409.8	-31.8	.1	0
7	1.2970	1.3033	-.5	.1	1	-353.4	-437.7	-23.9	.1	0
6	1.0626	1.0354	2.6	.3	1	-274.2	-307.9	-12.3	1.5	1
5	.9624	.9470	1.6	.1	1	-152.5	-158.4	-3.9	.6	1
4	.9396	.9331	.7	.0	1	-63.3	-62.7	1.0	1.2	1
3	.9460	.9415	.5	.1	1	-11.5	-10.7	7.3	4.3	1
2	.9611	.9567	.5	.1	1	17.3	17.1	1.4	1.8	1
1	.9786	.9748	.4	.1	1	33.1	32.3	2.3	2.0	1
0	1.0000	.9949	.5	.1	1	43.0	41.2	4.2	.8	1
-1	1.0246	1.0168	.8	.1	1	50.6	46.6	7.9	1.2	1
-2	1.0498	1.0402	.9	.1	1	57.5	50.0	13.1	1.3	1



CRL: Number of dispersions= 2 Negative.
T1=10 C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchs	R0	M1	T2
0	1.E-02	1.50078	3.140	.715	1.0E-03
1	1.E-02	.86820	.537	.222	1.3E-03
2	1.E-03	.03255	1.368	.435	2.4E-03
3	1.E-04	.00908	1.388	.394	2.4E-03
4	1.E-05	.00822	1.397	.395	2.4E-03
5	1.E-06	.00822	1.397	.396	2.4E-03

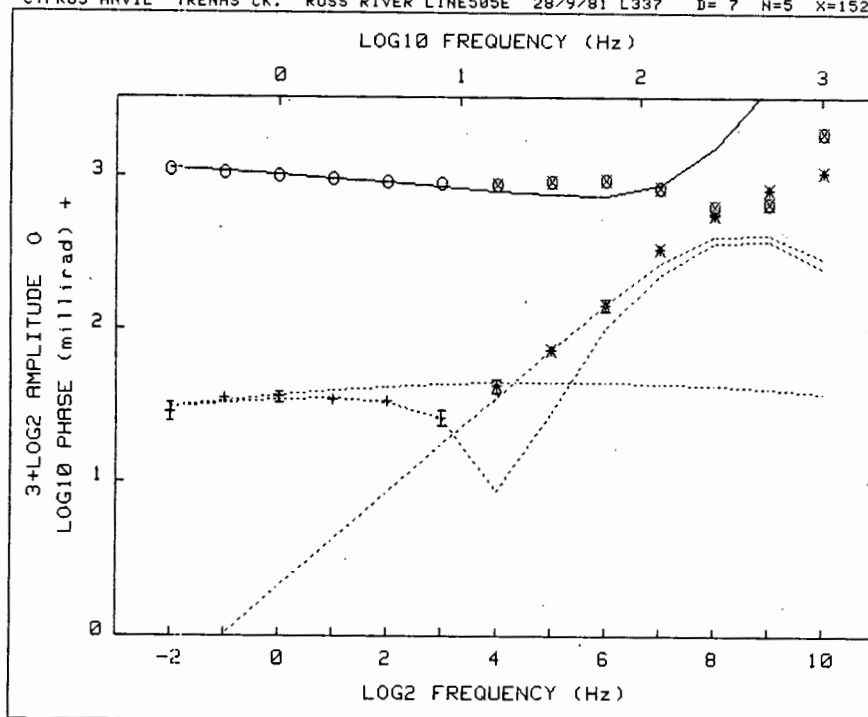
Pct Std Deviations 3.1 6.2 5.0

Correlation Matrix

1.000		
.689	1.000	
.647	.956	1.000

Apparent Resistivity Measured at 1 Hz is 12.03
Apparent Resistivity Calculated from Inductive Coupling is 58.74

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	5.1693	2.2678	56.1	.0	0	145.0	-35.0	124.1	.2	0
9	5.0927	2.2604	55.6	.0	0	-152.8	-73.5	51.9	.1	0
8	4.1745	2.2186	46.9	.0	0	-476.6	-147.7	69.0	.0	0
7	2.8746	2.0669	28.1	.0	0	-693.7	-272.3	60.7	.1	0
6	1.8433	1.7086	7.3	.5	0	-731.0	-407.2	44.3	1.9	1
5	1.2463	1.2816	-2.8	.2	1	-555.0	-416.8	24.9	.5	1
4	1.0221	1.0398	-1.7	.4	1	-322.5	-280.5	13.0	.9	1
3	.9639	.9656	-.2	.3	1	-157.0	-138.4	11.8	1.2	1
2	.9637	.9574	.7	.2	1	-54.5	-50.4	7.5	3.5	1
1	.9774	.9686	.9	.2	1	-3.2	-3.2	-.9	48.6	1
0	1.0000	.9858	1.4	.4	1	20.0	21.6	-8.2	15.3	1
-1	1.0066	1.0056	.1	.3	1	40.2	35.0	12.9	6.8	1
-2	1.0437	1.0270	1.6	.5	1	30.9	42.4	-37.3	12.9	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.02050	1.145	.214	6.3E-01	2.7E-05
1	1.E-02	.00123	1.192	.292	5.7E-01	2.8E-05
2	1.E-03	.00094	1.188	.289	3.5E-01	4.8E-05
3	1.E-03	.00074	1.179	.294	2.1E-01	9.1E-05
4	1.E-03	.00057	1.168	.303	1.1E-01	1.4E-04
5	1.E-03	.00043	1.160	.314	6.1E-02	1.8E-04
6	1.E-03	.00036	1.154	.325	3.9E-02	2.0E-04
7	1.E-03	.00032	1.150	.335	2.8E-02	2.3E-04
8	1.E-03	.00030	1.147	.343	2.1E-02	2.4E-04
9	1.E-04	.00029	1.140	.364	1.1E-02	2.9E-04

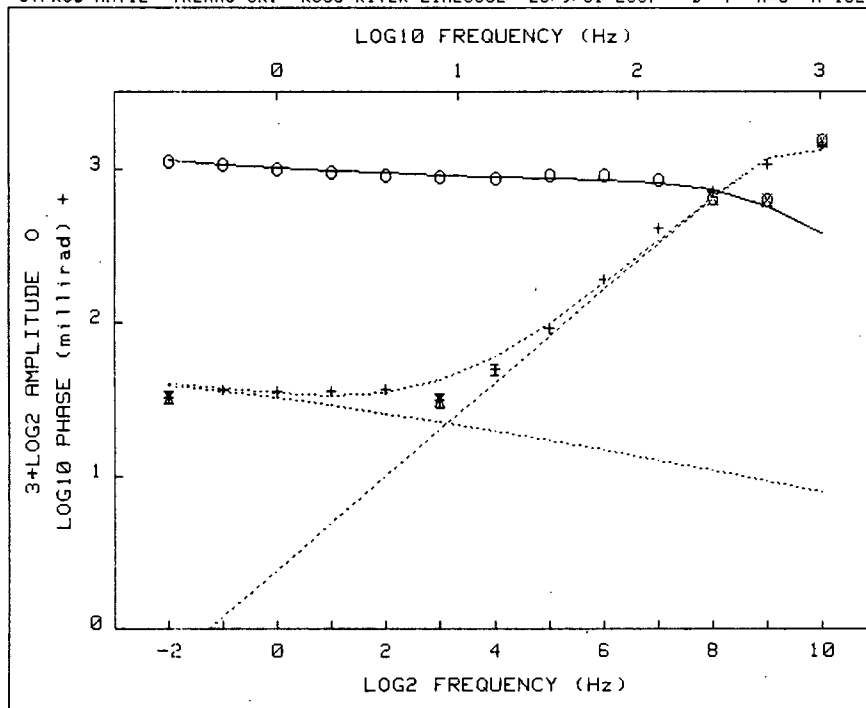
Pct Std Deviations 1.1 9.7 167.1 32.8

Correlation Matrix	1.000			
	-.790	1.000		
	.860	-.980	1.000	
	-.734	.970	-.935	1.000

CYPRUS ANVIL TRENAS CK. ROSS RIVER LINE505E 28/9/81 L337 D= 7 N=5 X=152m

Apparent Resistivity Measured at 1 Hz is 76.50
Apparent Resistivity Calculated from Inductive Coupling is 681.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.2074	1.7701	-46.6	.1	0	1030.6	253.5	75.4	.1	0
9	.8814	1.4731	-67.1	.2	0	802.8	371.6	53.7	.1	0
8	.8654	1.1346	-31.1	.2	0	560.0	360.5	35.6	.1	0
7	.9405	.9579	-1.8	.3	0	329.6	224.9	31.8	1.0	0
6	.9762	.9126	6.5	1.0	0	143.7	100.1	30.4	10.3	0
5	.9714	.9152	5.8	.5	0	73.3	27.6	62.3	5.4	0
4	.9573	.9306	2.8	.4	0	42.1	8.7	79.2	10.0	0
3	.9613	.9489	1.3	.5	1	26.3	25.8	1.9	11.2	1
2	.9693	.9673	.2	.1	1	33.4	33.0	1.1	5.6	1
1	.9816	.9852	-.4	.1	1	34.8	35.2	-1.1	4.0	1
0	1.0000	1.0023	-.2	.3	1	36.1	34.8	3.7	8.3	1
-1	1.0117	1.0182	-.6	.3	1	35.3	33.0	6.6	5.2	1
-2	1.0204	1.0330	-.4	.4	1	28.9	30.5	-5.6	13.9	1



CRL: Number of dispersions= 2
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00164	1.524	.398	1.6E+02	2.5E-04
1	1.E-02	.00140	1.566	.419	1.6E+02	2.5E-04
2	1.E-03	.00140	1.582	.423	1.8E+02	2.5E-04

Pct Std Deviations 20.8 29.2 999.9 21.3

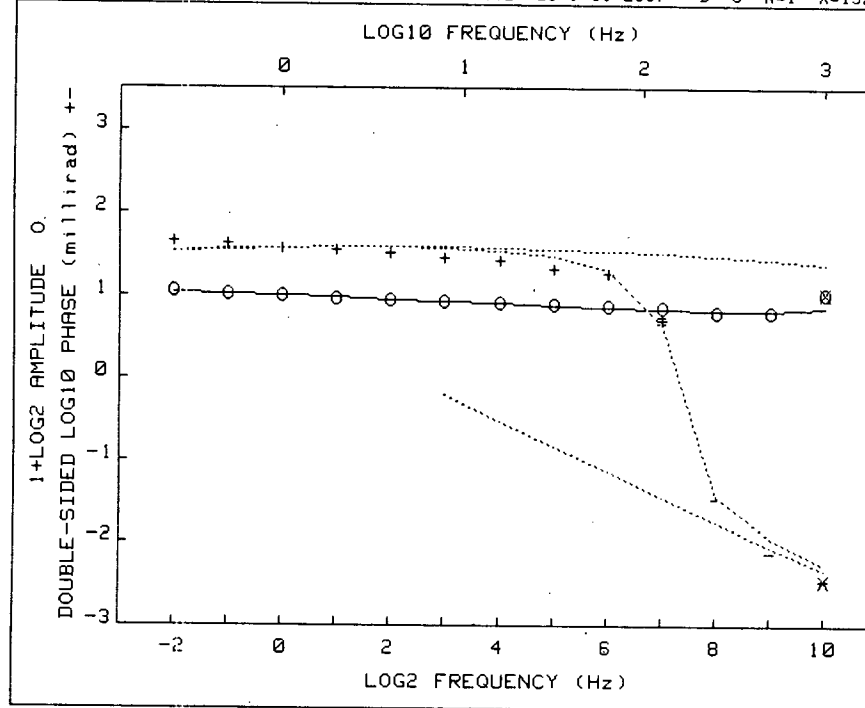
Correlation Matrix

1.000			
.999	1.000		
.994	.992	1.000	
-.976	-.978	-.966	1.000

Apparent Resistivity Measured at 1 Hz is 523.7

Apparent Resistivity Calculated from Inductive Coupling is 1112

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1317	.7491	33.8	.1	0	1426.4	1301.2	8.8	.0	1
9	.8653	.8436	2.5	.1	0	1076.9	1174.8	-9.1	.0	1
8	.8760	.9099	-3.9	.0	0	717.5	650.5	9.3	.0	1
7	.9481	.9369	1.2	.2	1	406.2	340.5	16.2	.7	1
6	.9717	.9479	2.4	.5	1	188.1	179.1	4.8	3.7	1
5	.9738	.9553	1.9	.6	1	92.1	98.9	-7.4	3.7	1
4	.9568	.9628	-.6	.2	1	49.8	60.3	-21.1	7.8	1
3	.9608	.9715	-1.1	.5	1	31.2	42.7	-36.8	9.6	0
2	.9691	.9815	-1.3	.1	1	37.1	35.7	3.9	2.8	1
1	.9826	.9932	-1.1	.1	1	36.3	34.0	6.4	3.0	1
0	1.0000	1.0066	-.7	.1	1	36.1	35.0	3.0	2.1	1
-1	1.0189	1.0219	-.3	.2	1	36.6	37.4	-2.2	3.3	1
-2	1.0351	1.0393	-.4	.1	1	32.9	40.4	-22.9	10.0	0



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00624	1.166	.329	5.0E-02	2.9E-05
1	1.E-02	.00597	1.167	.322	6.3E-02	2.7E-05
2	1.E-03	.00590	1.176	.323	8.6E-02	2.6E-05
3	1.E-04	.00589	1.179	.324	9.3E-02	2.6E-05

Pct Std Deviations 3.0 4.4 130.9 11.7

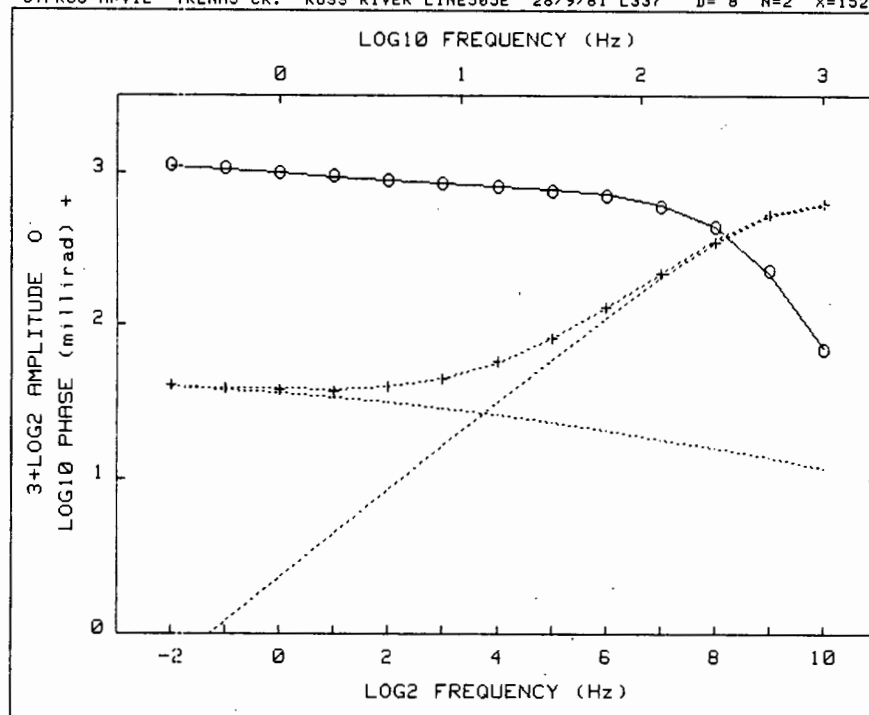
Correlation Matrix

1.000				
.595	1.000			
.786	.366	1.000		
-.543	.081	-.871	1.000	

Apparent Resistivity Measured at 1 Hz is 132.7

Apparent Resistivity Calculated from Inductive Coupling is 667.8

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0094	.9070	10.1	.2	0	-291.0	-189.1	35.0	.2	0
9	.8676	.8799	-1.4	.0	1	-132.5	-84.5	36.2	.0	1
8	.8760	.8818	-1.4	.1	1	-29.1	-26.3	9.7	1.0	1
7	.8975	.8921	.6	.0	1	5.1	4.4	14.5	7.8	1
6	.9128	.9051	.9	.1	1	18.5	20.6	-11.1	3.1	1
5	.9270	.9195	.8	.0	1	21.0	29.3	-39.7	1.5	1
4	.9396	.9350	.5	.0	1	26.4	34.2	-29.5	.8	1
3	.9514	.9512	.0	.0	1	28.5	36.8	-29.1	1.1	1
2	.9671	.9680	-.1	.0	1	32.0	38.0	-18.6	.0	1
1	.9826	.9851	-.3	.0	1	35.5	38.1	-7.4	.4	1
0	1.0000	1.0023	-.2	.0	1	37.7	37.5	.5	.3	1
-1	1.0201	1.0192	.1	.0	1	41.8	36.2	13.3	.0	1
-2	1.0404	1.0356	.5	.0	1	45.1	34.5	23.5	.2	1



CRL: Number of dispersions= 2
CI=.25 fixed

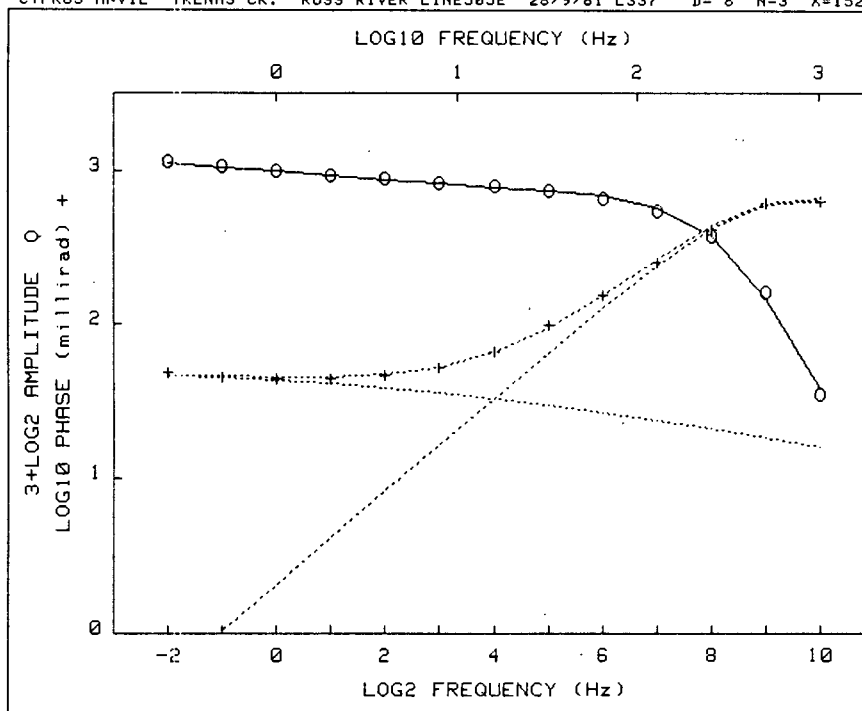
Iter	Lambda	Rchs	R0	M1	T1	M2	T2	C2
0	1.E-02	.04746	1.270	.286	1.0E+01	.900	3.6E-04	.900
1	1.E-02	.00427	1.330	.335	1.0E+01	.697	2.0E-04	.801
2	1.E-03	.00107	1.341	.348	9.4E+00	.484	3.7E-04	.912
3	1.E-04	.00018	1.325	.341	7.6E+00	.529	3.2E-04	.909
4	1.E-05	.00015	1.312	.337	5.9E+00	.529	3.2E-04	.920
5	1.E-06	.00015	1.312	.337	5.8E+00	.529	3.2E-04	.920

Pct Std Deviations 2.4 3.6 78.5 2.2 2.4 1.2

Correlation Matrix	1.000					
	.979	1.000				
	.982	.946	1.000			
	-.596	-.645	-.532	1.000		
	-.054	-.056	-.100	-.623	1.000	
	-.563	-.471	-.626	-.110	.501	1.000

Apparent Resistivity Measured at 1 Hz is 122.4
Apparent Resistivity Calculated from Inductive Coupling is 205.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.4465	.4519	-1.2	.0	1	621.4	624.5	-.5	.0	1
9	.6396	.6318	1.2	.1	1	528.7	527.8	.2	.0	1
8	.7789	.7817	-.4	.0	1	358.0	361.2	-3.2	.0	1
7	.8556	.8642	-1.0	.1	1	216.2	219.8	-1.7	.1	1
6	.8975	.9028	-.6	.0	1	130.6	130.9	-.2	.4	1
5	.9157	.9234	-.4	.1	1	81.6	81.9	-.4	.7	1
4	.9367	.9381	-.1	.0	1	57.3	56.8	.9	.6	1
3	.9517	.9514	.0	.0	1	45.0	44.7	.6	.9	1
2	.9678	.9650	.2	.1	1	39.7	39.7	.1	.0	1
1	.9831	.9795	.4	.0	1	37.2	38.1	-2.5	.3	1
0	1.0000	.9951	.5	.0	1	37.4	38.3	-2.5	.3	1
-1	1.0183	1.0120	.6	.0	1	39.0	39.2	-.4	.0	1
-2	1.0374	1.0298	.7	.0	1	40.9	40.0	2.1	.2	1



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsqr	R0	M1	T1	M2	T2	C2
0	1.E-02	.01520	1.312	.337	5.8E+00	.529	3.2E-04	.920
1	1.E-02	.00114	1.368	.388	5.6E+00	.478	4.4E-04	.970
2	1.E-03	.00069	1.363	.383	4.8E+00	.495	4.2E-04	.964
3	1.E-04	.00067	1.342	.377	3.3E+00	.496	4.2E-04	.972
4	1.E-05	.00067	1.338	.376	3.1E+00	.497	4.2E-04	.973

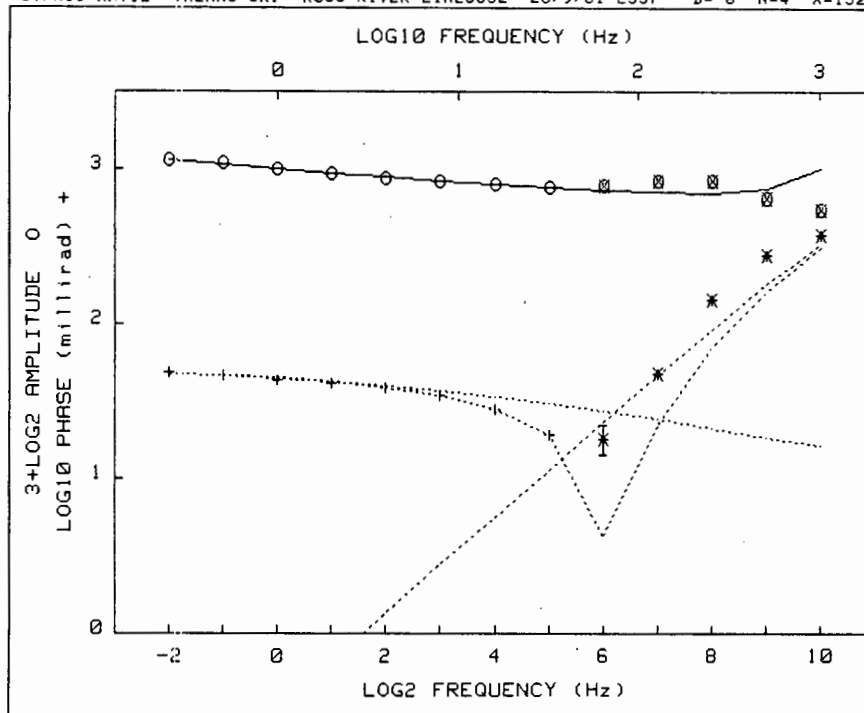
Pct Std Deviations 4.7 5.3 188.3 4.0 3.7 2.3

Correlation Matrix

1.000						
.957	1.000					
.976	.900	1.000				
-.616	-.705	-.537	1.000			
.062	.037	.026	-.575	1.000		
-.538	-.389	-.607	-.148	.352	1.000	

Apparent Resistivity Measured at 1 Hz is 208.4
Apparent Resistivity Calculated from Inductive Coupling is 378.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.3646	.3764	-3.2	.1	1	628.7	656.7	-4.5	.0	1
9	.5755	.5590	2.9	.0	1	605.6	615.6	-1.7	.1	1
8	.7418	.7416	.0	.1	1	408.1	439.5	-7.7	.0	1
7	.8314	.8458	-1.7	.0	1	252.2	264.6	-4.9	.1	1
6	.8803	.8899	-1.1	.1	1	155.1	153.6	1.0	1.2	1
5	.9052	.9115	-.2	.0	1	97.5	94.6	2.9	.5	1
4	.9296	.9273	.3	.0	1	67.0	65.7	1.9	.5	1
3	.9452	.9425	.3	.0	1	52.9	52.6	.6	1.0	1
2	.9628	.9587	.4	.0	1	46.4	47.3	-1.9	.7	1
1	.9810	.9763	.5	.0	1	44.3	45.8	-3.3	.3	1
0	1.0000	.9952	.5	.0	1	44.2	45.9	-3.8	.2	1
-1	1.0223	1.0155	.7	.0	1	46.1	46.5	-.8	.2	1
-2	1.0442	1.0368	.7	.1	1	48.8	46.9	3.8	.2	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2
0	1.E-02	2.56135	1.179	.324	9.3E-02	2.6E-05
1	1.E-02	1.51263	.421	.330	1.5E-01	4.4E-05
2	1.E-03	.00106	1.268	.353	9.1E-01	6.0E-05
3	1.E-04	.00017	1.342	.379	3.1E+00	4.2E-05
4	1.E-05	.00003	1.366	.388	3.8E+00	3.8E-05
5	1.E-06	.00003	1.367	.389	3.8E+00	3.8E-05
6	1.E-07	.00003	1.367	.389	3.8E+00	3.8E-05

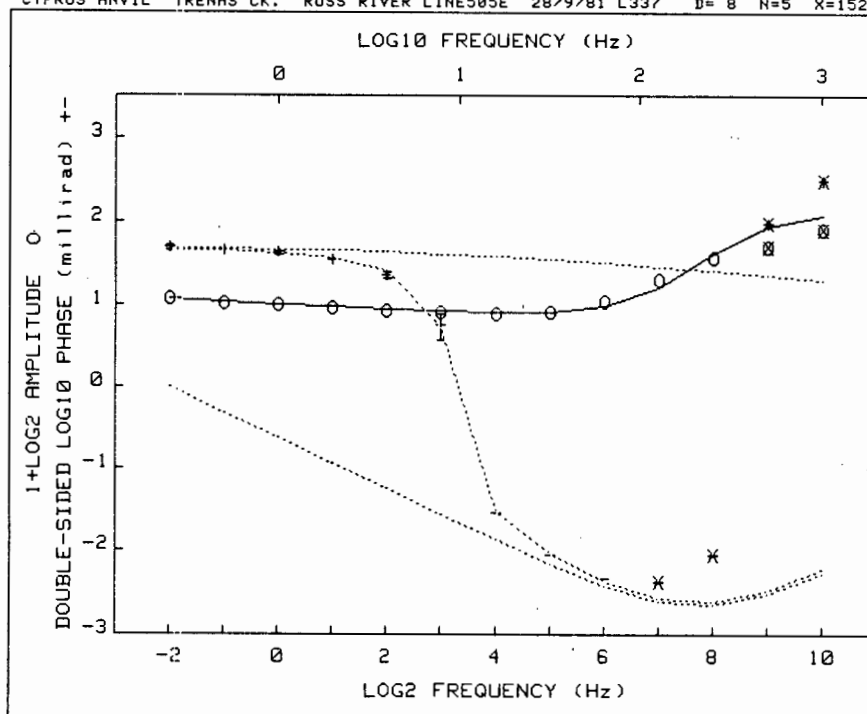
Pct Std Deviations .8 1.0 18.1 5.3

Correlation Matrix

1.000			
.967	1.000		
.971	.927	1.000	
-.780	-.679	-.064	1.000

Apparent Resistivity Measured at 1 Hz is 71.32
Apparent Resistivity Calculated from Inductive Coupling is 3690

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8309	.9951	-19.8	.1	0	373.1	306.0	18.0	.1	0
9	.8733	.9110	-4.3	.0	0	278.3	162.6	41.6	.3	0
8	.9454	.8939	5.4	.1	0	144.1	71.6	50.3	.3	0
7	.9430	.8967	4.9	.1	0	47.4	22.2	53.1	1.9	0
6	.9244	.9056	2.0	.4	0	18.0	4.2	76.6	21.7	0
5	.9174	.9169	.1	.1	1	19.0	19.0	-.2	5.0	1
4	.9277	.9300	-.2	.1	1	28.1	28.0	.2	2.7	1
3	.9416	.9447	-.3	.1	1	34.6	34.1	1.4	2.3	1
2	.9594	.9610	-.2	.0	1	38.5	38.6	-.2	1.1	1
1	.9781	.9790	-.1	.0	1	41.9	42.1	-.4	.7	1
0	1.0000	.9986	.1	.0	1	43.5	44.8	-3.0	.8	1
-1	1.0234	1.0195	.4	.1	1	46.8	46.8	-.0	.9	1
-2	1.0444	1.0417	.3	.1	1	48.9	48.1	1.6	1.1	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lamboa	Rchsq	R0	M1	T1	T2
0	1.E-02	.00236	1.212	.362	1.9E-01	5.7E-04
1	1.E-02	.00177	1.248	.368	2.7E-01	5.7E-04
2	1.E-03	.00161	1.290	.372	7.0E-01	5.3E-04
3	1.E-04	.00147	1.318	.381	1.1E+00	5.1E-04
4	1.E-05	.00146	1.322	.382	1.1E+00	5.1E-04

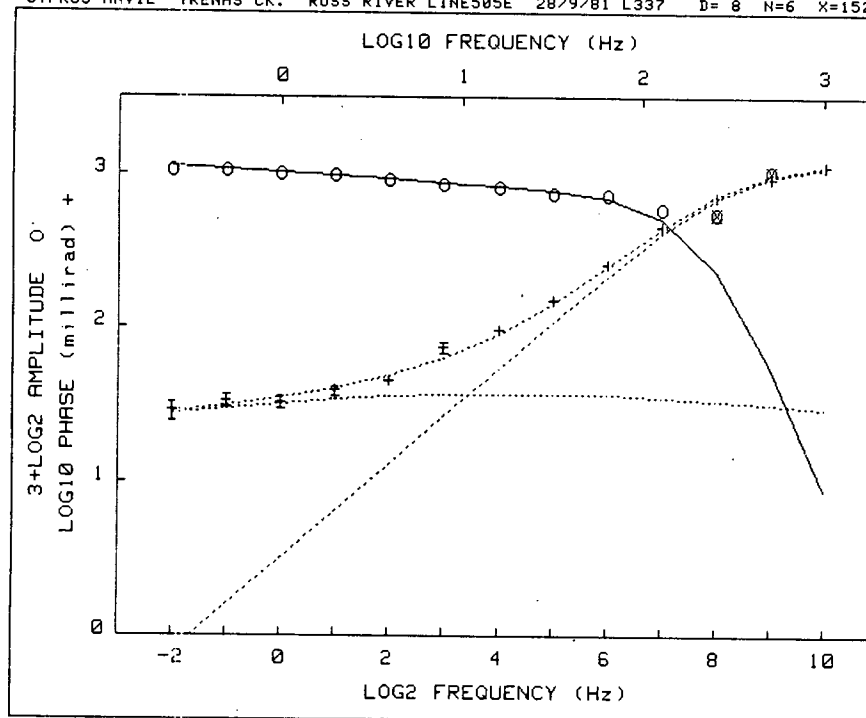
Pct Std Deviations 3.8 4.0 121.9 7.0

Correlation Matrix

1.000			
.903	1.000		
.968	.867	1.000	
-.865	-.649	-.931	1.000

Apparent Resistivity Measured at 1 Hz is 20.65
Apparent Resistivity Calculated from Inductive Coupling is 388.8

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.8870	2.1019	-11.4	.1	0	314.6	-168.7	153.6	.1	0
9	1.6306	1.9190	-17.7	.1	0	97.1	-301.1	410.1	.8	0
8	1.4779	1.5415	-4.3	.1	1	-113.5	-417.5	-267.8	.4	0
7	1.2278	1.1648	5.1	.1	1	-234.5	-384.4	-63.9	.8	0
6	1.0340	.9831	4.9	.9	1	-210.8	-236.3	-12.1	6.4	1
5	.9383	.9355	.3	.2	1	-113.1	-108.5	4.1	2.1	1
4	.9265	.9353	-1.0	.4	1	-35.3	-33.9	4.1	6.8	1
3	.9359	.9488	-1.4	.2	1	5.7	5.5	3.5	35.3	1
2	.9530	.9665	-1.4	.1	1	23.3	26.1	-11.9	8.0	1
1	.9760	.9862	-1.0	.1	1	35.7	36.9	-3.5	4.2	1
0	1.0000	1.0071	-.7	.3	1	43.2	42.7	1.2	7.1	1
-1	1.0193	1.0289	-.9	.3	1	45.8	45.5	.7	4.5	1
-2	1.0517	1.0514	.0	.5	1	50.2	46.5	7.3	6.5	1



CRL: Number of dispersions= 2
C1=.25 fixed

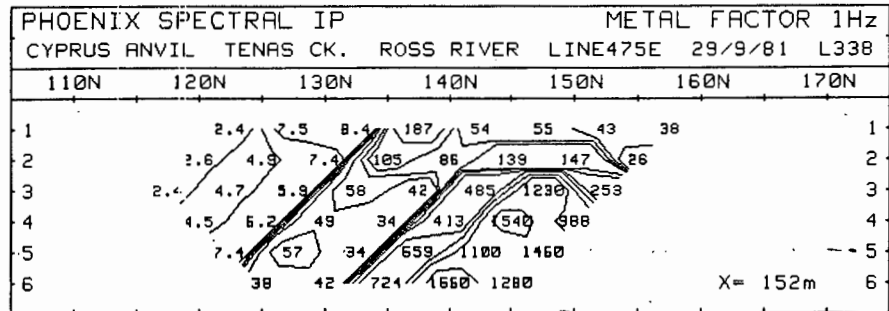
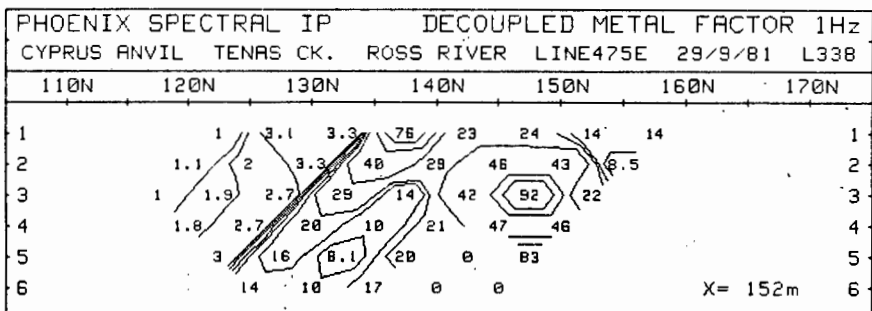
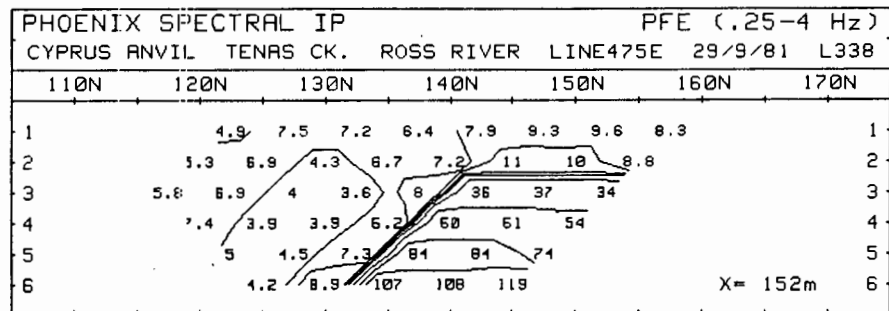
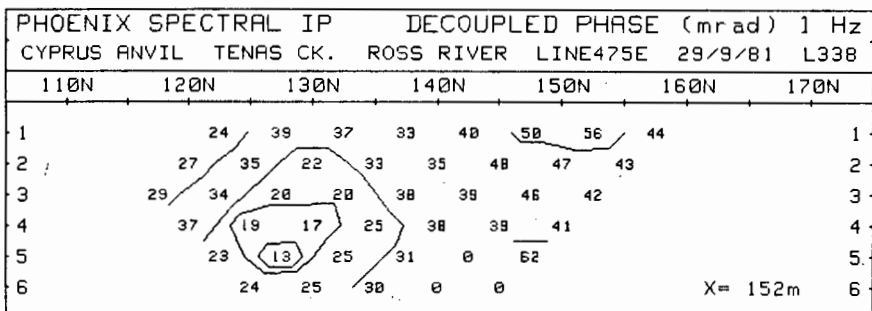
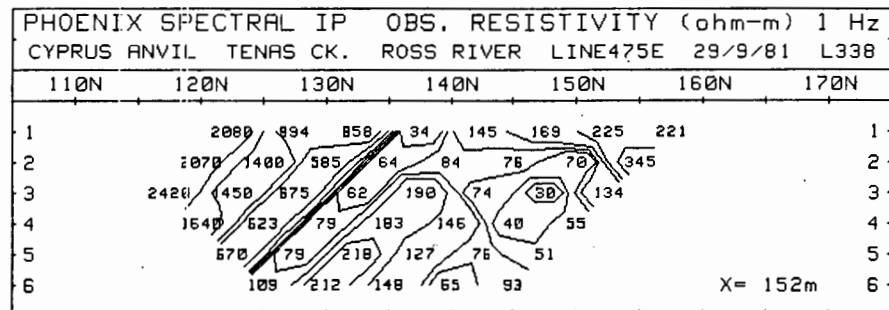
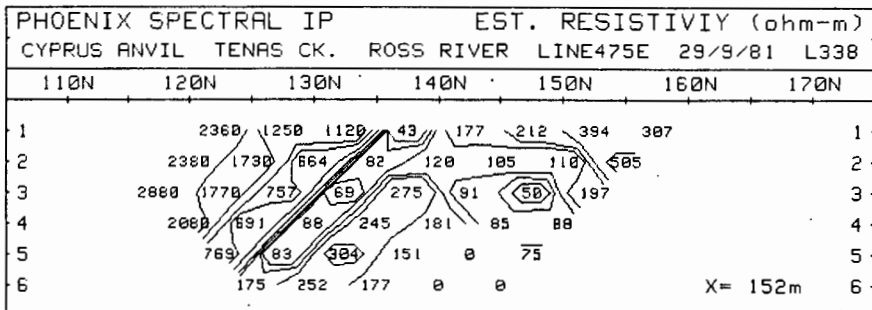
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.02380	1.338	.376	3.1E+00	.497	4.2E-04	.973
1	1.E-02	.00485	1.221	.288	2.4E+00	.823	5.2E-04	.852
2	1.E-03	.00118	1.193	.257	1.2E+00	.775	5.5E-04	.901
3	1.E-03	.00109	1.181	.256	5.9E-01	.766	5.7E-04	.917
4	1.E-03	.00103	1.169	.259	3.1E-01	.759	5.8E-04	.930
5	1.E-03	.00098	1.160	.264	1.8E-01	.751	5.9E-04	.942
6	1.E-04	.00096	1.136	.280	4.1E-02	.734	6.0E-04	.969
7	1.E-05	.00089	1.132	.305	2.0E-02	.716	6.1E-04	.987
8	1.E-06	.00089	1.130	.314	1.6E-02	.709	6.1E-04	.993

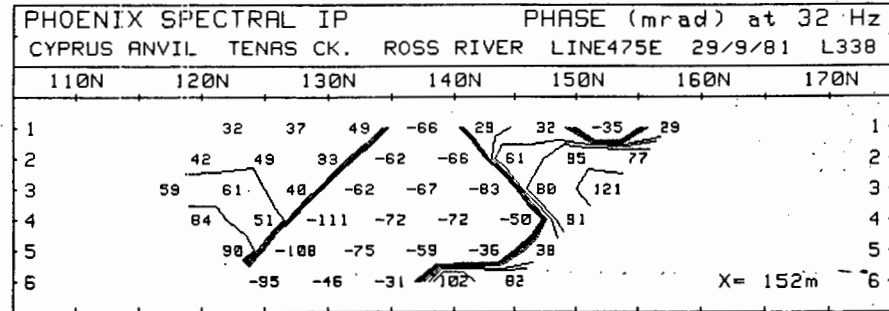
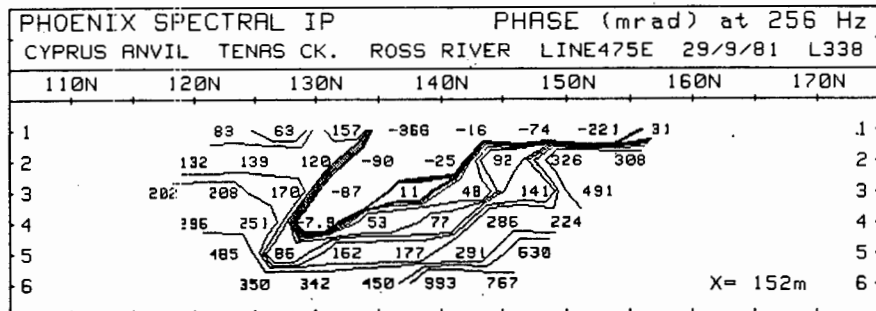
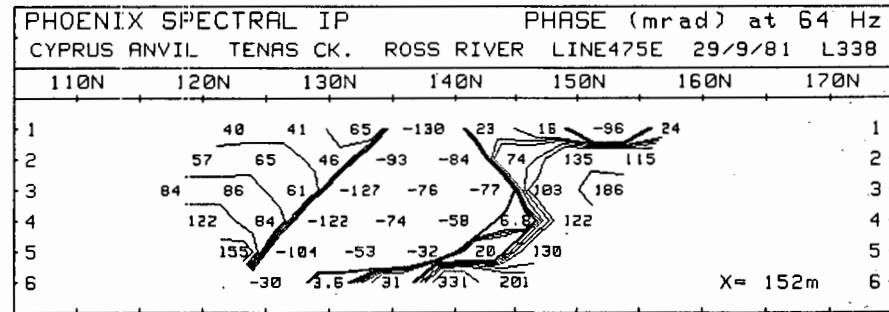
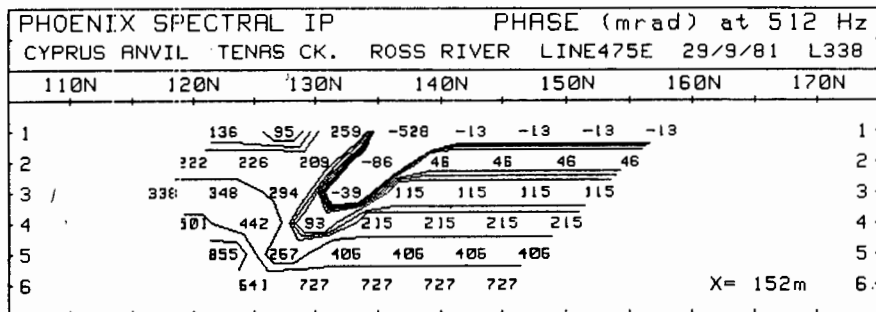
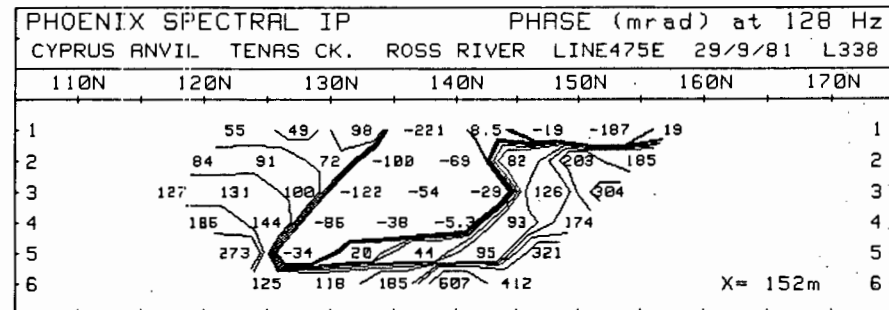
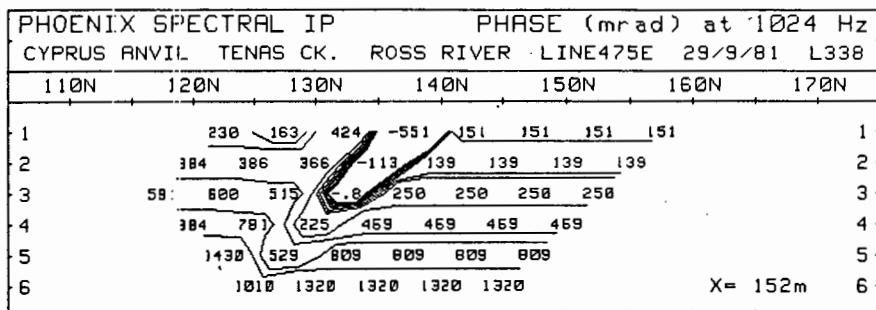
Pct Std Deviations 1.6 16.9 403.8 5.6 7.8 4.3

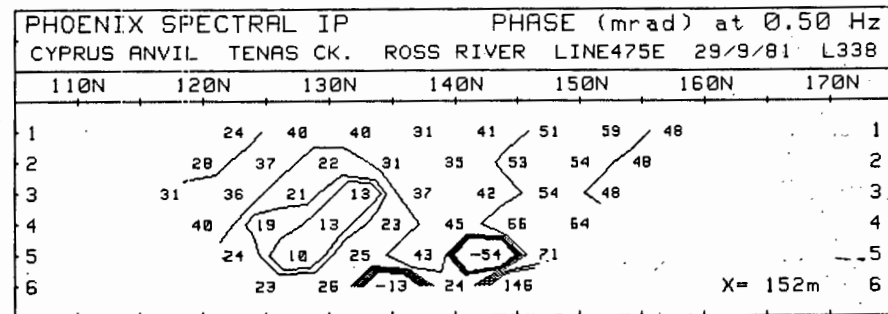
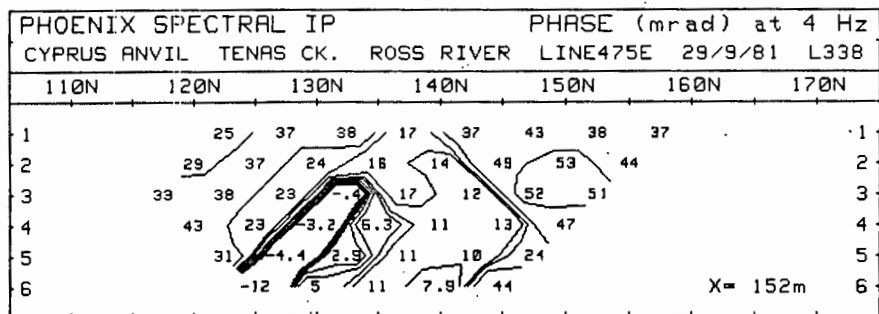
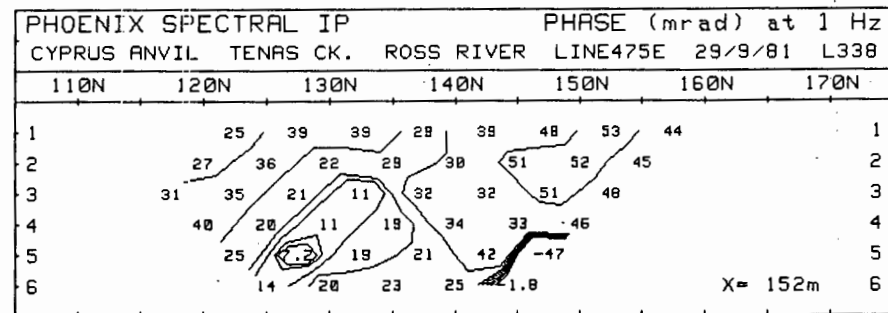
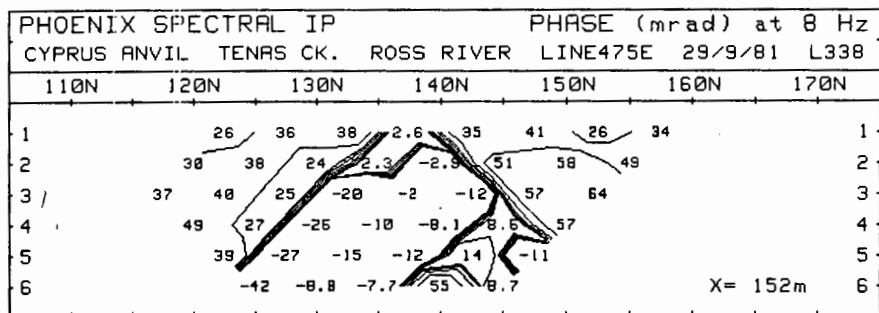
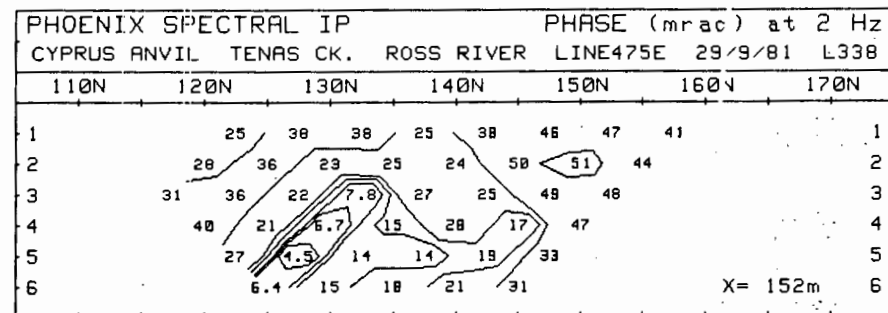
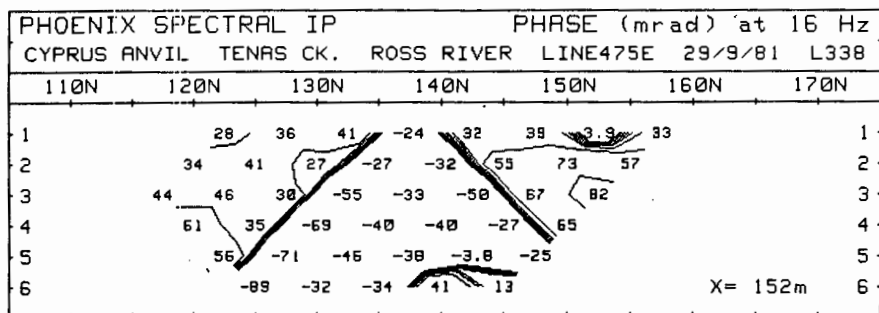
Correlation Matrix	1.000					
	-.774	1.000				
	.863	-.971	1.000			
	.569	-.826	.750	1.000		
	-.171	.240	-.199	-.620	1.000	
	-.604	.793	-.725	-.894	.635	1.000

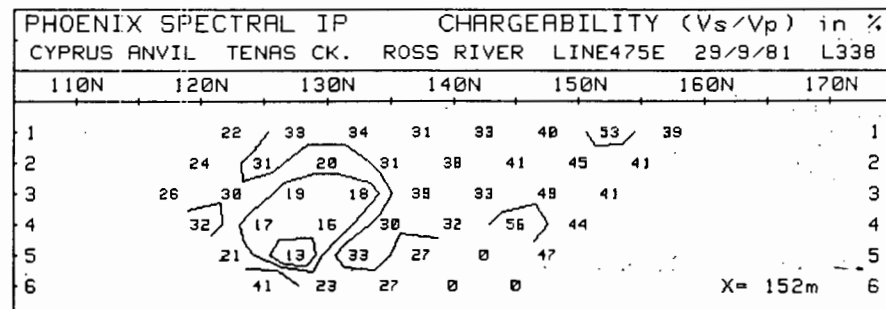
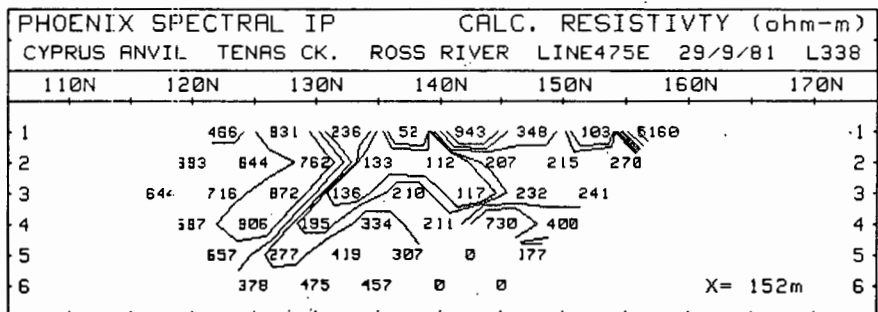
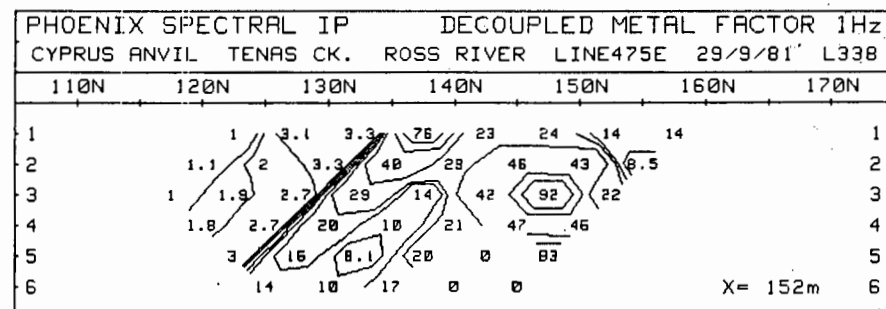
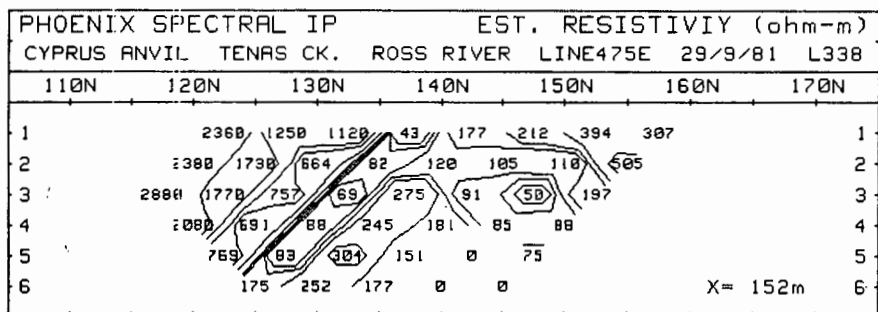
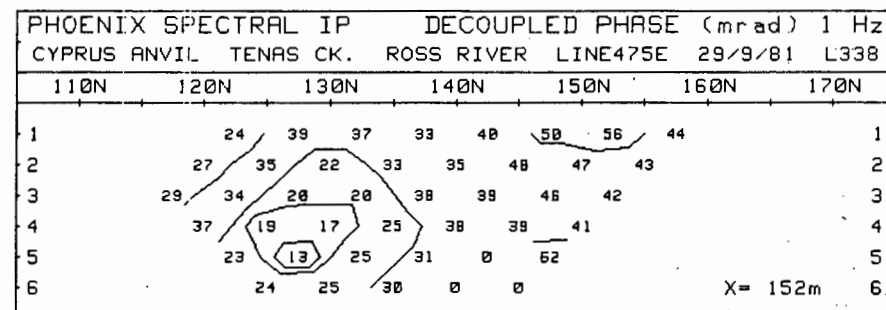
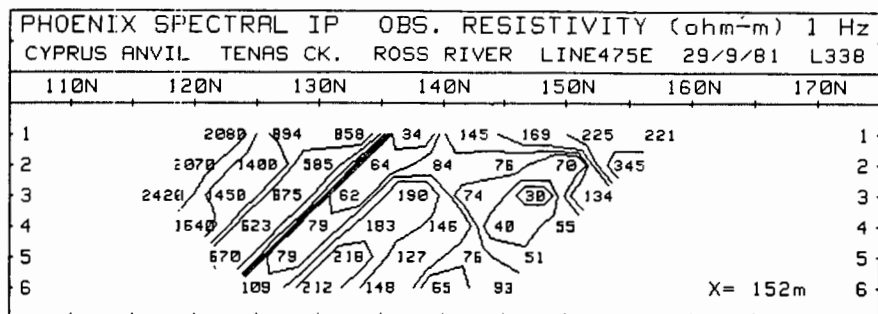
Apparent Resistivity Measured at 1 Hz is 85.13
Apparent Resistivity Calculated from Inductive Coupling is 616.3

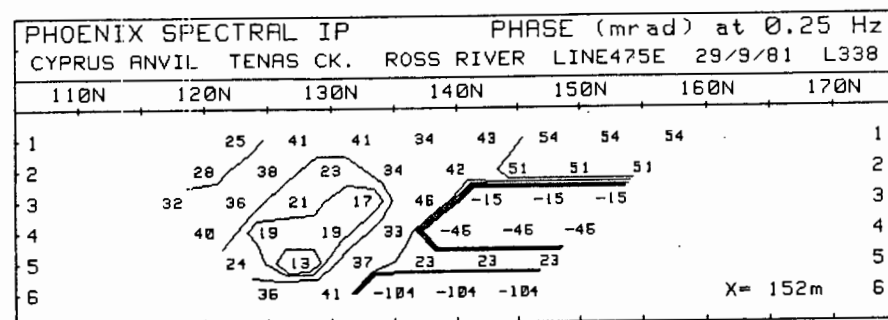
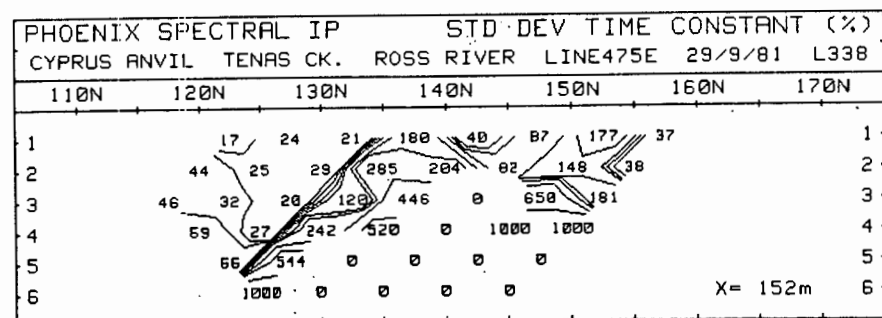
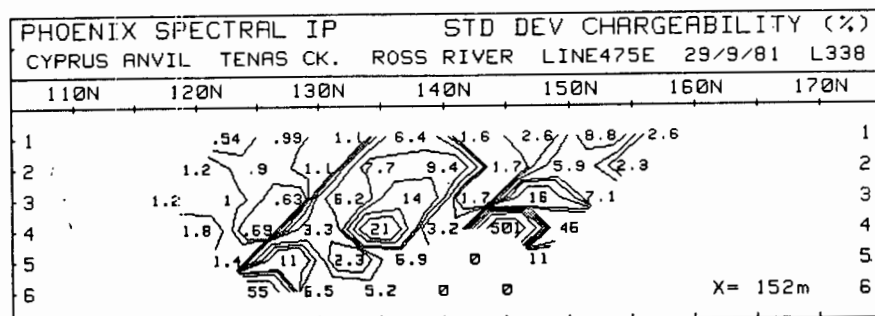
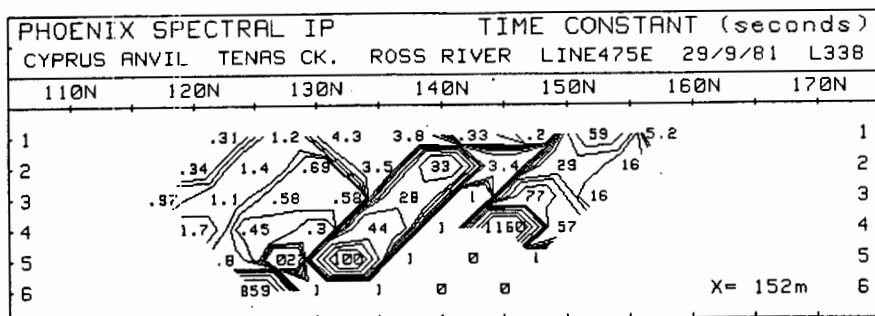
F	ObsRmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.8065	.2420	86.6	.1	0	1109.3	1110.4	-.1	.1	1
9	1.0073	.4208	58.2	.1	0	930.2	977.4	-5.1	.1	1
8	.8330	.6472	22.3	.6	0	693.9	718.7	-3.6	.1	1
7	.8515	.8141	4.4	.2	1	451.0	441.4	2.1	.8	1
6	.9054	.8899	1.7	1.1	1	256.3	250.0	2.4	5.4	1
5	.9102	.9224	-1.3	.5	1	149.5	144.6	3.3	2.2	1
4	.9346	.9421	-.8	.5	1	95.2	90.6	4.8	4.9	1
3	.9505	.9587	-.9	.5	1	73.9	63.1	14.5	8.0	1
2	.9695	.9746	-.5	.1	1	45.8	48.8	-6.5	4.5	1
1	.9896	.9908	-.0	.1	1	39.2	40.7	-3.7	7.1	1
0	1.0000	1.0048	-.5	.4	1	33.1	35.5	-7.2	8.5	1
-1	1.0140	1.0189	-.5	.3	1	33.6	31.6	5.8	9.7	1
-2	1.0145	1.0321	-1.7	.6	1	29.0	28.4	1.9	14.0	1

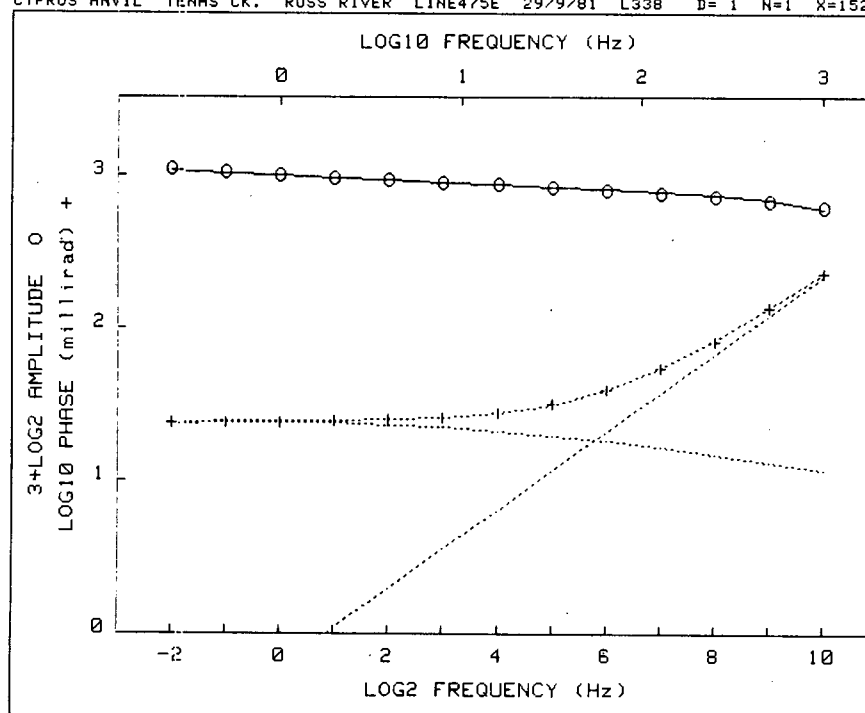












CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.11938	1.000	.300	1.0E+00	1.0E-04	1.000
1	1.E-02	.00156	1.145	.223	8.7E-01	2.8E-05	.842
2	1.E-03	.00005	1.140	.218	5.2E-01	2.1E-05	.824
3	1.E-04	.00003	1.132	.217	3.3E-01	2.1E-05	.843
4	1.E-05	.00003	1.131	.217	3.1E-01	2.2E-05	.846
5	1.E-06	.00003	1.131	.217	3.1E-01	2.2E-05	.846

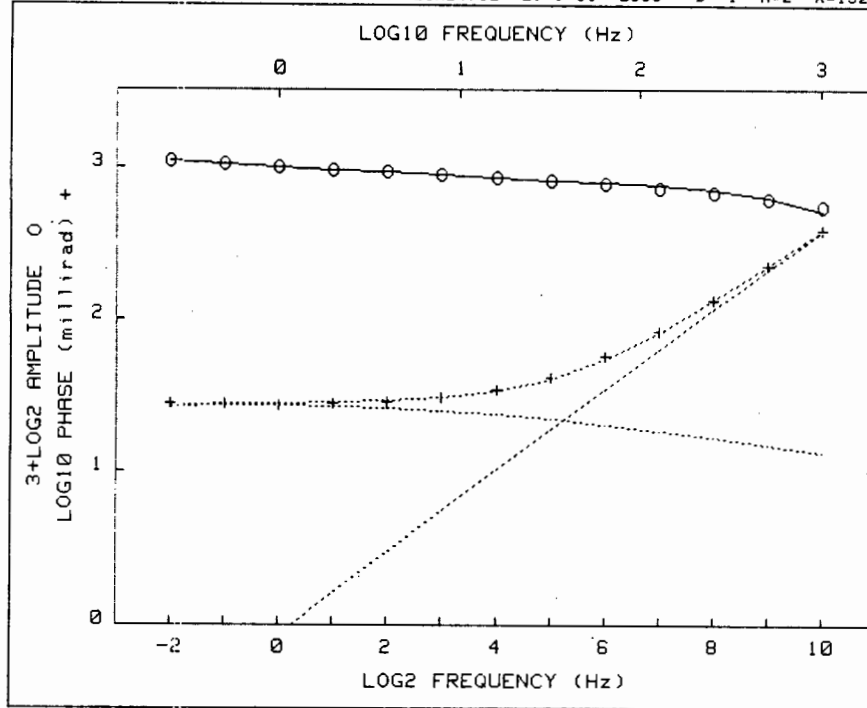
Pct Std Deviations .3 .5 17.5 2.5 1.1

Correlation Matrix	1.000				
	.375	1.000			
	.893	.154	1.000		
	-.487	.160	-.536	1.000	
	-.597	.260	-.695	.914	1.000

Apparent Resistivity Measured at 1 Hz is 2085
Apparent Resistivity Calculated from Inductive Coupling is 466.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8642	.8570	.8	.0	1	230.2	229.1	.5	.0	1
9	.8871	.8904	-.4	.0	1	136.0	136.0	-.0	.0	1
8	.9059	.9104	-.5	.0	1	82.5	83.5	-1.2	.0	1
7	.9201	.9243	-.5	.0	1	54.8	54.7	.3	.2	1
6	.9321	.9354	-.4	.0	1	39.6	39.3	.8	.3	1
5	.9426	.9455	-.3	.0	1	31.8	31.4	1.2	.3	1
4	.9540	.9554	-.1	.0	1	27.7	27.6	.3	.5	1
3	.9652	.9654	-.0	.0	1	25.8	26.0	-.7	.5	1
2	.9766	.9758	.1	.0	1	25.3	25.3	-.2	.0	1
1	.9878	.9865	.1	.0	1	24.8	25.1	-1.3	.0	1
0	1.0000	.9975	.2	.0	1	24.5	24.9	-1.7	.4	1
-1	1.0121	1.0086	.3	.0	1	24.4	24.6	-.7	.0	1
-2	1.0247	1.0197	.5	.0	1	24.5	24.0	2.2	.0	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 1 N=2 X=152m



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.01155	1.131	.217	3.1E-01	2.2E-05	.846
1	1.E-02	.00029	1.147	.237	3.3E-01	3.0E-05	.829
2	1.E-03	.00015	1.150	.240	3.4E-01	4.2E-05	.871
3	1.E-04	.00015	1.150	.240	3.4E-01	4.2E-05	.872

Pct Std Deviations .7 1.2 43.9 3.7 1.7

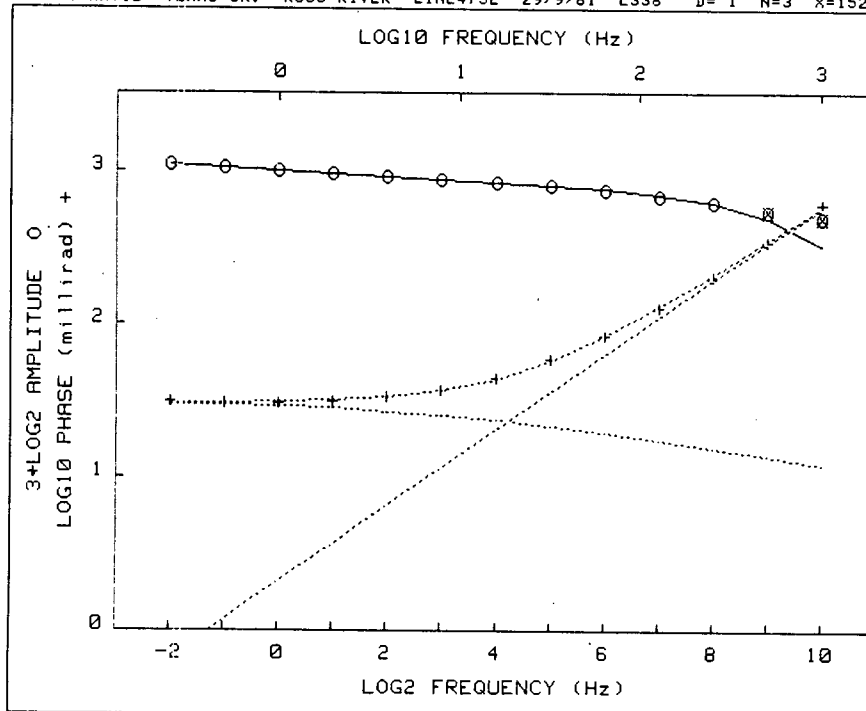
Correlation Matrix

1.000					
.388	1.000				
.910	.176	1.000			
-.434	.048	-.433	1.000		
-.593	.229	-.657	.838	1.000	

Apparent Resistivity Measured at 1 Hz is 2072
Apparent Resistivity Calculated from Inductive Coupling is 693.3

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 1 N=2 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8342	.8115	2.7	.0	1	384.4	386.0	-.4	.1	1
9	.8635	.8663	-.3	.0	1	221.8	224.6	-1.3	.0	1
8	.8883	.8963	-.9	.0	1	132.1	132.4	-.2	.2	1
7	.9073	.9149	-.8	.0	1	83.6	81.7	2.2	.0	1
6	.9232	.9286	-.6	.0	1	57.1	54.7	4.2	.7	1
5	.9369	.9403	-.4	.0	1	41.7	40.7	2.3	.3	1
4	.9497	.9516	-.2	.0	1	34.1	33.8	1.0	.4	1
3	.9616	.9629	-.1	.0	1	30.3	30.5	-.7	.5	1
2	.9743	.9745	-.0	.0	1	28.5	29.1	-2.1	.4	1
1	.9868	.9865	.0	.0	1	27.6	28.5	-3.1	.4	1
0	1.0000	.9988	.1	.0	1	27.4	28.1	-2.5	.4	1
-1	1.0130	1.0112	.2	.0	1	27.6	27.6	-.0	.4	1
-2	1.0263	1.0237	.3	.0	1	27.8	26.9	3.3	.4	1



CRL: Number of dispersions= 2.
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00010	1.180	.261	6.3E-01	6.8E-05	.832
1	1.E-02	.00009	1.177	.259	6.5E-01	6.7E-05	.821
2	1.E-03	.00009	1.181	.259	7.5E-01	6.7E-05	.817
3	1.E-04	.00008	1.186	.260	9.1E-01	6.6E-05	.813
4	1.E-05	.00008	1.180	.260	9.7E-01	6.6E-05	.812

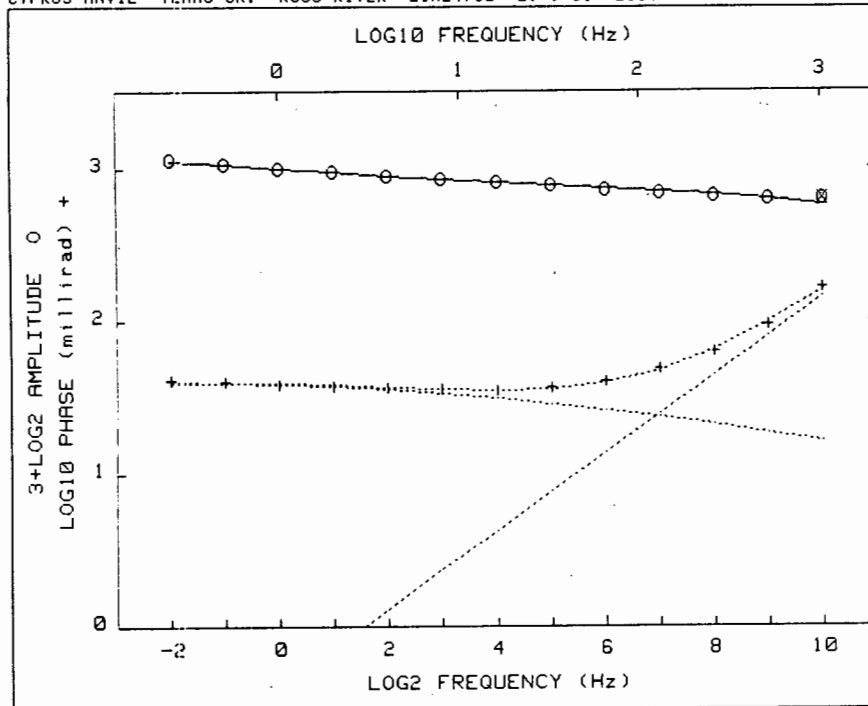
Pct Std Deviations .9 1.2 46.0 2.5 1.4

Correlation Matrix

1.000				
.743	1.000			
.953	.609	1.000		
-.562	-.323	-.567	1.000	
-.659	-.165	-.735	.802	1.000

Apparent Resistivity Measured at 1 Hz is 2424
Apparent Resistivity Calculated from Inductive Coupling is 643.8

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8066	.7122	11.0	.0	0	590.7	562.2	4.8	.0	1
9	.8279	.8039	2.9	.0	0	337.7	345.5	-2.3	.0	1
8	.8550	.8595	-.1	.0	1	201.6	209.7	-4.0	.0	1
7	.8879	.8931	-.6	.0	1	127.3	129.3	-1.6	.1	1
6	.9112	.9152	-.4	.0	1	84.4	83.3	1.3	.3	1
5	.9253	.9317	-.3	.0	1	58.8	57.7	1.8	.3	1
4	.9451	.9455	-.0	.0	1	44.4	44.0	1.0	.3	1
3	.9565	.9583	.0	.0	1	37.1	36.9	.6	.4	1
2	.9725	.9710	.2	.0	1	33.3	33.5	-.5	.0	1
1	.9864	.9840	.2	.0	1	31.3	32.0	-2.1	.5	1
0	1.0000	.9973	.3	.0	1	30.7	31.3	-2.0	.5	1
-1	1.0140	1.0110	.3	.0	1	30.5	31.0	-1.6	1.0	1
-2	1.0289	1.0249	.4	.1	1	31.5	30.6	2.9	1.1	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	C2
0	1.E-02	.00008	1.253	.331	9.2E-01	1.2E-05	.873
1	1.E-02	.00007	1.251	.330	9.4E-01	1.1E-05	.856
2	1.E-03	.00007	1.256	.331	1.1E+00	1.1E-05	.843
3	1.E-04	.00007	1.259	.332	1.2E+00	1.0E-05	.836
4	1.E-05	.00007	1.260	.332	1.2E+00	1.0E-05	.834

Pct Std. Deviations .8 1.0 24.5 7.1 2.4

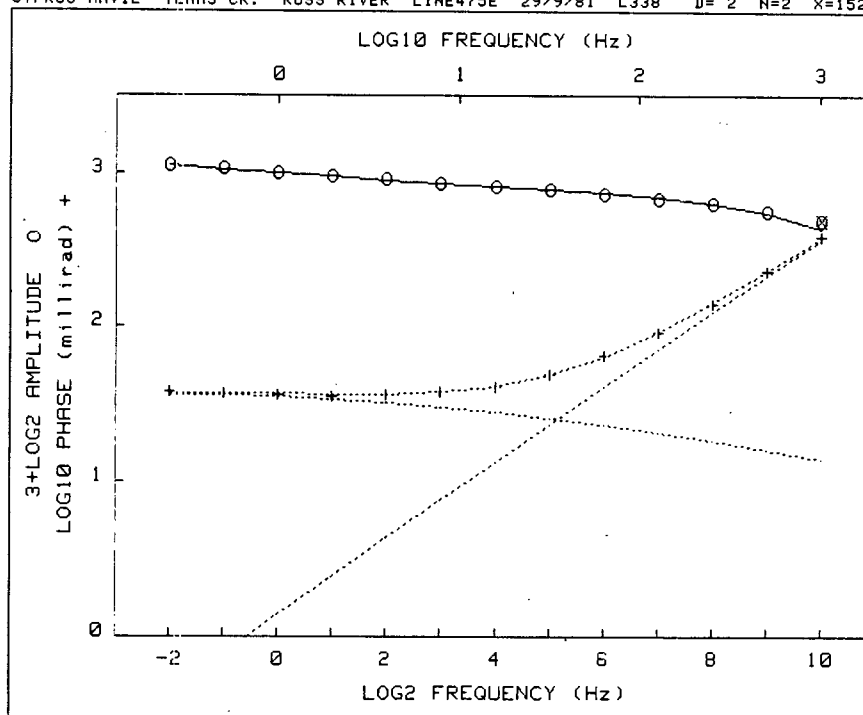
Correlation Matrix

1.000				
.876	1.000			
.947	.762	1.000		
-.583	-.314	-.661	1.000	
-.605	-.290	-.709	.978	1.000

Apparent Resistivity Measured at 1 Hz is 993.7
Apparent Resistivity Calculated from Inductive Coupling is 931.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8663	.8459	2.6	.0	0	163.2	157.9	3.3	.1	1
9	.8677	.8681	-.0	0.0	1	95.0	98.0	-3.1	.0	1
8	.8755	.8841	-.5	.0	1	63.2	65.3	-3.4	.2	1
7	.8941	.8973	-.4	.0	1	48.8	48.2	1.2	.2	1
6	.9079	.9097	-.2	.0	1	40.9	39.9	2.5	.2	1
5	.9217	.9222	-.1	.0	1	37.2	36.4	2.0	.3	1
4	.9360	.9354	.1	0.0	1	35.5	35.7	-.4	.3	1
3	.9567	.9495	.1	0.0	1	35.7	36.2	-1.4	.4	1
2	.9663	.9648	.2	.0	1	37.0	37.3	-.9	.3	1
1	.9823	.9811	.1	.0	1	37.7	38.5	-2.2	.0	1
0	1.0000	.9984	.2	.0	1	38.8	39.5	-1.8	.0	1
-1	1.0166	1.0165	.2	.0	1	40.1	40.1	.1	.0	1
-2	1.0366	1.0350	.3	.0	1	41.2	40.1	2.6	.2	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 2 N=2 X=152m



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.02703	1.260	.332	1.2E+00	1.0E-05	.834
1	1.E-02	.00243	1.237	.308	1.2E+00	1.8E-05	.640
2	1.E-03	.00009	1.240	.313	1.2E+00	3.6E-05	.824
3	1.E-04	.00004	1.240	.307	1.3E+00	3.4E-05	.802
4	1.E-05	.00004	1.241	.308	1.4E+00	3.3E-05	.800

Pct Std Deviations .7 .9 24.7 2.5 1.1

Correlation Matrix

1.000				
.865	1.000			
.960	.764	1.000		
-.624	-.409	-.646	1.000	
-.649	-.312	-.720	.896	1.000

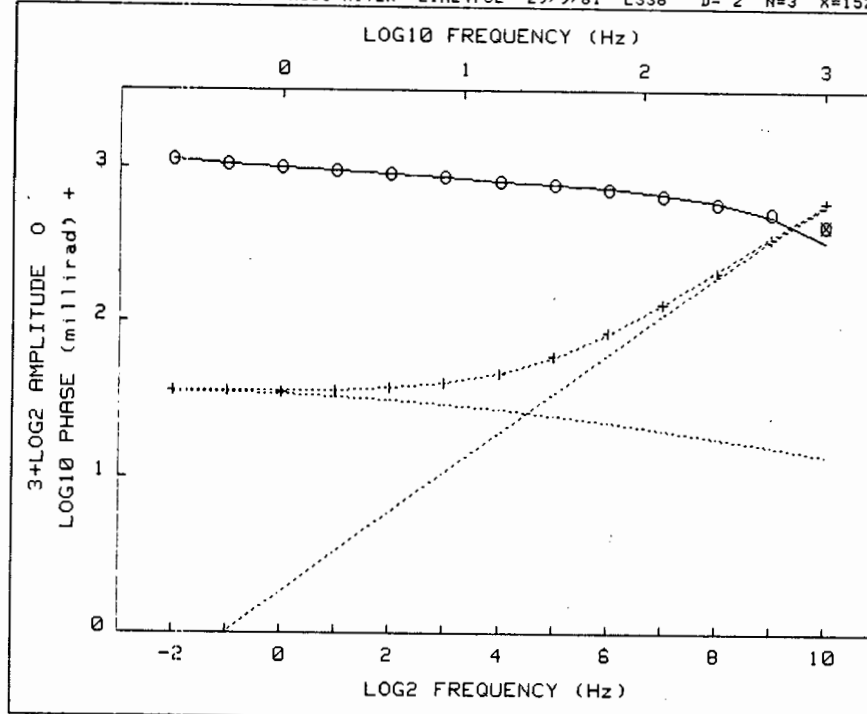
Apparent Resistivity Measured at 1 Hz is 1397

Apparent Resistivity Calculated from Inductive Coupling is 643.6

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 2 N=2 X=152m

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8816	.7750	3.3	.0	0	385.9	376.6	2.4	.0	1
9	.8361	.8328	.4	.0	1	226.4	229.5	-1.4	.0	1
8	.8653	.8687	-.4	.0	1	138.8	142.0	-2.3	.1	1
7	.8884	.8926	-.5	.0	1	90.8	91.7	-1.0	.2	1
6	.9072	.9103	-.3	.0	1	64.8	63.6	1.8	.6	1
5	.9239	.9252	-.1	0.0	1	49.3	48.6	1.5	.3	1
4	.9389	.9391	-.0	.0	1	41.0	41.0	.0	.3	1
3	.9533	.9529	.0	.0	1	37.5	37.6	-.2	.4	1
2	.9680	.9673	.1	.0	1	36.5	36.4	.3	.0	1
1	.9837	.9823	.1	.0	1	35.6	36.3	-2.0	.3	1
0	1.0000	.9980	.2	.0	1	36.0	36.6	-1.8	.0	1
-1	1.0166	1.0145	.2	.0	1	36.7	36.9	-.6	.0	1
-2	1.0348	1.0314	.3	.0	1	37.7	36.9	2.1	.8	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 2 N=3 X=152m



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambca	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00020	1.204	.300	4.2E-01	6.9E-05	.883
1	1.E-02	.00009	1.199	.294	4.5E-01	6.7E-05	.852
2	1.E-03	.00007	1.209	.295	6.6E-01	6.6E-05	.843
3	1.E-04	.00006	1.223	.297	1.0E+00	6.5E-05	.833
4	1.E-05	.00006	1.227	.298	1.1E+00	6.5E-05	.831
5	1.E-06	.00006	1.227	.298	1.1E+00	6.5E-05	.831

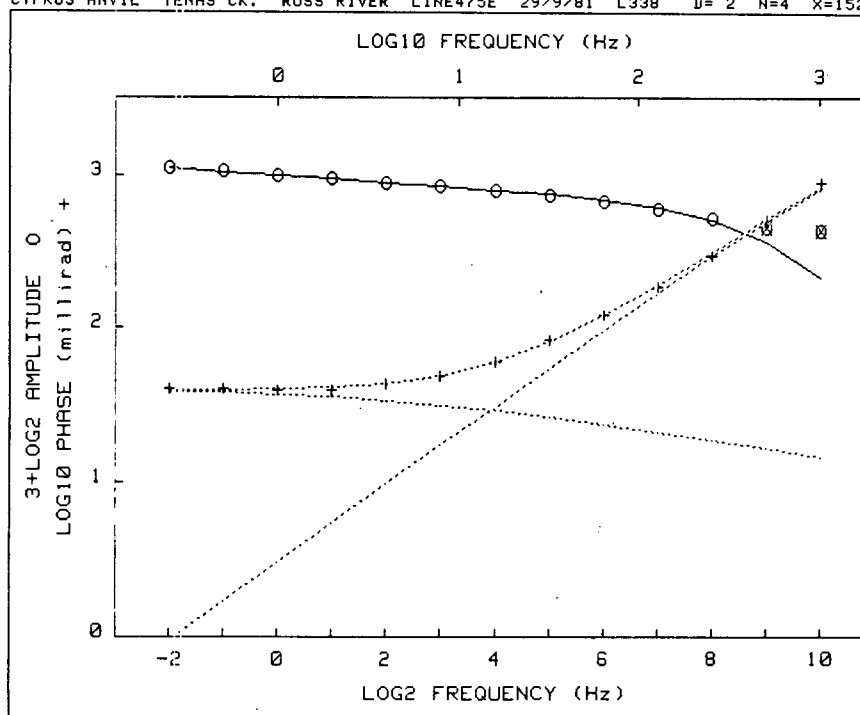
Pct Std Deviations .8 1.0 32.4 2.1 1.0

Correlation Matrix	1.000				
	.820	1.000			
	.960	.709	1.000		
	-.600	-.421	-.591	1.000	
	-.659	-.267	-.713	.817	1.000

Apparent Resistivity Measured at 1 Hz is 1446
Apparent Resistivity Calculated from Inductive Coupling is 715.8

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 2 N=3 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7712	.7171	7.0	.0	0	600.3	586.9	2.2	.0	1
9	.8129	.8038	1.1	.0	1	347.7	354.3	-1.9	.1	1
8	.8513	.8557	-.5	.0	1	207.9	212.4	-2.2	.1	1
7	.8813	.8874	-.7	.0	1	130.8	130.3	.4	.1	1
6	.9046	.9087	-.5	.0	1	86.3	84.4	2.1	.6	1
5	.9236	.9253	-.2	.0	1	60.6	59.6	1.7	.5	1
4	.9355	.9399	-.0	.0	1	46.4	46.6	-.4	.2	1
3	.9541	.9548	-.0	.0	1	40.4	40.2	.4	.2	1
2	.9663	.9683	-.0	.0	1	37.5	37.4	.2	.8	1
1	.9840	.9831	.1	.0	1	35.7	36.4	-1.9	.3	1
0	1.0000	.9985	.1	.0	1	35.3	36.1	-2.2	.3	1
-1	1.0160	1.0145	.1	.1	1	35.9	36.0	-.2	.6	1
-2	1.0346	1.0309	.4	.1	1	36.3	35.7	1.7	2.2	1



CRL: Number of dispersions= 2
 C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00987	1.227	.298	1.1E+00	6.5E-05	.831
1	1.E-02	.00018	1.248	.321	1.2E+00	9.9E-05	.807
2	1.E-03	.00014	1.254	.322	1.3E+00	1.0E-04	.828
3	1.E-04	.00013	1.261	.323	1.6E+00	1.0E-04	.816
4	1.E-05	.00013	1.264	.324	1.7E+00	1.0E-04	.814

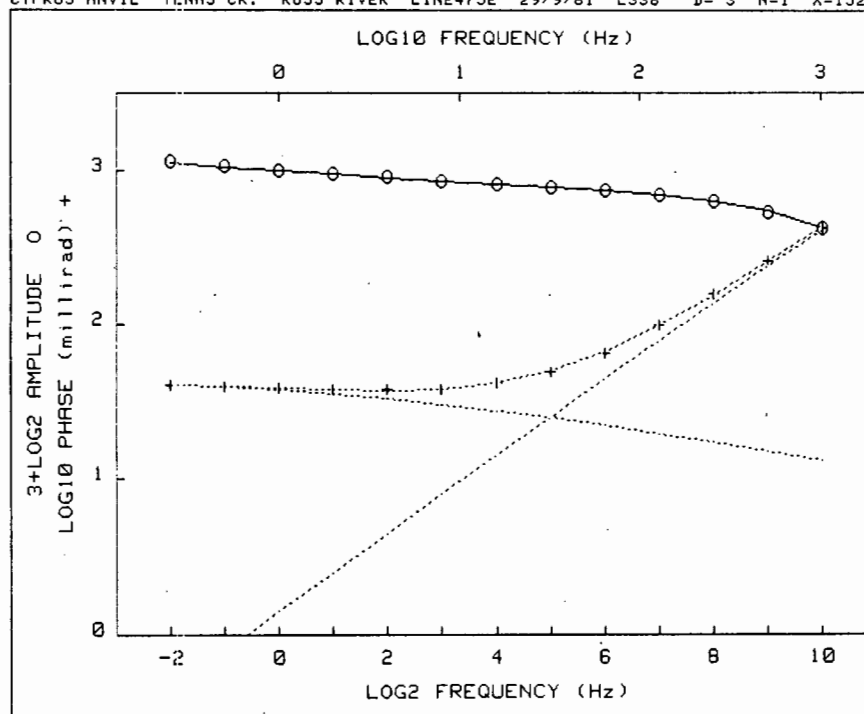
Pct Std Deviations 1.7 1.8 69.0 3.2 1.6

Correlation Matrix

1.000					
.864	1.000				
.971	.772	1.000			
-.704	-.599	-.684	1.000		
-.711	-.385	-.762	.786	1.000	

Apparent Resistivity Measured at 1 Hz is 1643
 Apparent Resistivity Calculated from Inductive Coupling is 697.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7757	.6267	19.2	.0	0	883.7	827.9	6.3	.0	1
9	.7876	.7397	6.1	.0	0	500.7	514.2	-2.7	.1	1
8	.8265	.8156	.6	.0	1	296.2	312.1	-5.4	.0	1
7	.8560	.8627	-.8	.0	1	185.7	198.4	-2.5	.2	1
6	.8879	.8931	-.6	.0	1	122.0	120.3	1.4	.2	1
5	.9130	.9150	-.2	.0	1	84.0	81.0	3.5	.2	1
4	.9331	.9328	.0	.0	1	61.0	59.8	1.9	.4	1
3	.9456	.9491	.1	.0	1	48.9	48.8	.2	.3	1
2	.9656	.9651	.0	.0	1	43.1	43.5	-.9	.2	1
1	.9832	.9814	.2	.0	1	40.0	41.2	-2.9	.4	1
0	1.0000	.9983	.2	.1	1	39.5	40.3	-2.0	.4	1
-1	1.0164	1.0159	.2	.1	1	40.1	40.0	.3	1.0	1
-2	1.0366	1.0340	.3	.1	1	40.3	39.7	1.4	4.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.03349	1.264	.324	1.7E+00	1.0E-04	.814
1	1.E-02	.00089	1.257	.319	1.7E+00	3.8E-05	.777
2	1.E-03	.00004	1.282	.332	2.4E+00	3.9E-05	.829
3	1.E-04	.00002	1.306	.338	4.0E+00	3.8E-05	.817
4	1.E-05	.00002	1.310	.340	4.3E+00	3.7E-05	.816
5	1.E-06	.00002	1.310	.340	4.3E+00	3.7E-05	.816

Pct Std Deviations .8 1.1 20.7 2.0 .7

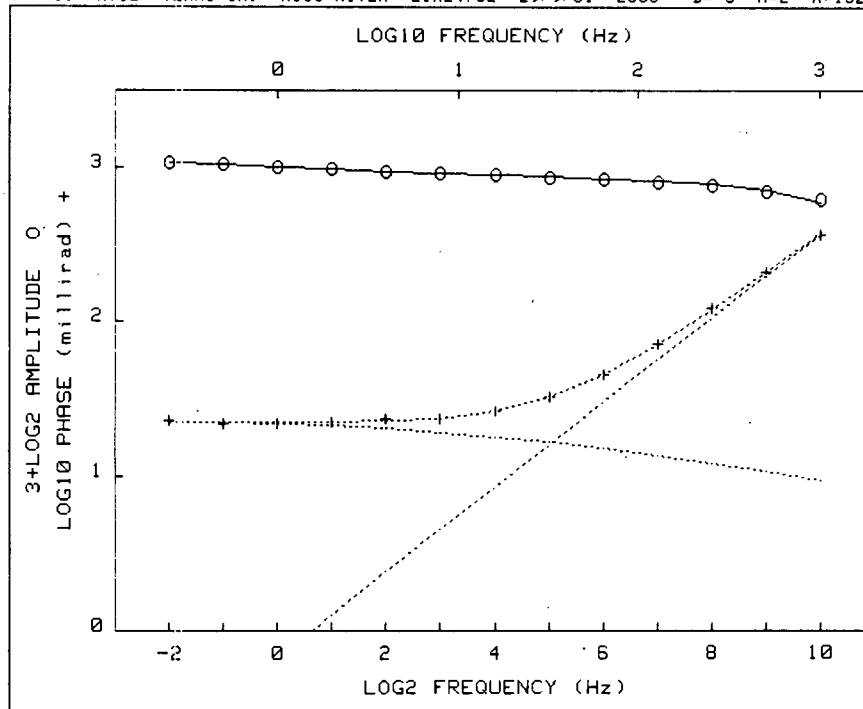
Correlation Matrix

1.000				
.969	1.000			
.979	.931	1.000		
-.739	-.672	-.741	1.000	
-.674	-.543	-.710	.904	1.000

Apparent Resistivity Measured at 1 Hz is 858.5
Apparent Resistivity Calculated from Inductive Coupling is 236.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7652	.7720	-.4	0.0	1	423.6	427.0	-.8	.1	1
9	.8263	.8322	-.5	.0	1	259.4	255.8	1.4	.0	1
8	.8651	.8690	.0	.0	1	156.8	155.1	1.1	.1	1
7	.8933	.8930	.0	.0	1	97.5	97.9	-.4	.1	1
6	.9059	.9105	-.1	.0	1	64.8	66.3	-2.4	.2	1
5	.9239	.9250	-.1	0.0	1	49.0	49.6	-1.3	.3	1
4	.9377	.9385	-.1	.0	1	41.2	41.5	-.6	.2	1
3	.9519	.9522	-.0	0.0	1	37.9	38.0	-.4	.3	1
2	.9664	.9665	.2	.0	1	38.0	37.2	2.0	.0	1
1	.9830	.9818	.1	.0	1	37.8	37.8	.1	.0	1
0	1.0000	.9983	.2	.0	1	38.5	38.8	-.9	.0	1
-1	1.0161	1.0158	.2	.0	1	39.8	40.0	-.4	.0	1
-2	1.0363	1.0344	.4	.0	1	41.0	40.9	.3	.2	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 3 N=2 X=152m



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	C2
0	1.E-02	.02663	1.310	.340	4.3E+00	3.7E-05	.816
1	1.E-02	.00228	1.148	.227	3.9E+00	4.1E-05	.863
2	1.E-03	.00012	1.157	.210	1.9E+00	4.2E-05	.882
3	1.E-04	.00007	1.137	.201	7.6E-01	4.4E-05	.903
4	1.E-05	.00007	1.137	.203	6.9E-01	4.4E-05	.907
5	1.E-06	.00007	1.137	.203	6.9E-01	4.4E-05	.907

Pct Std Deviations .5 1.1 28.6 2.4 1.0

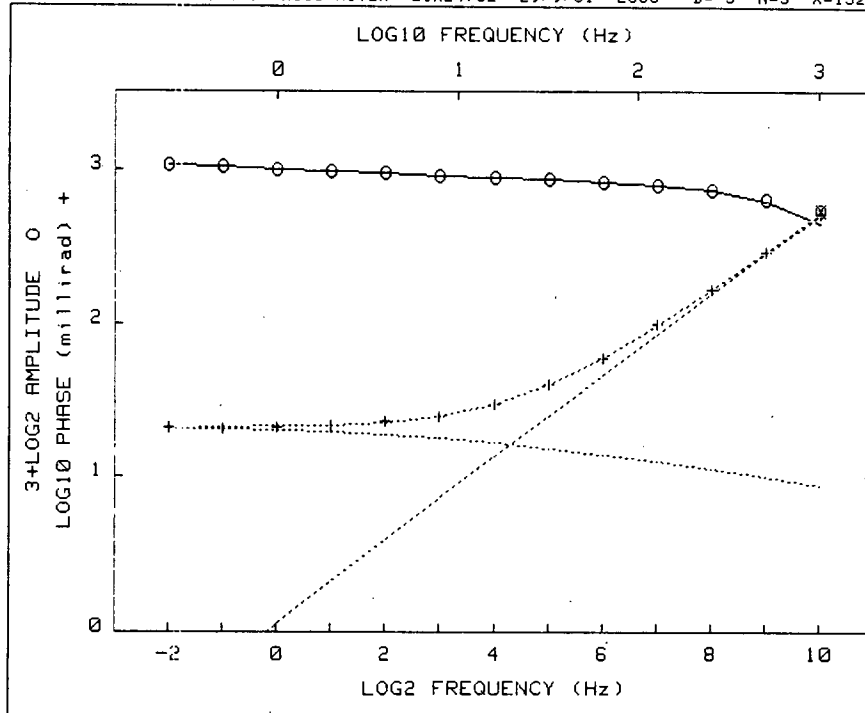
Correlation Matrix

1.000				
.771	1.000			
.920	.674	1.000		
-.471	-.219	-.474	1.000	
-.587	-.178	-.637	.865	1.000

Apparent Resistivity Measured at 1 Hz is 584.5
Apparent Resistivity Calculated from Inductive Coupling is 762.0

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 3 N=2 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8664	.8479	1.5	.0	1	366.3	371.0	-1.3	.1	1
9	.8939	.8973	-.4	.0	1	208.9	209.1	-.1	.0	1
8	.9178	.9216	-.4	.0	1	120.4	118.9	1.3	.0	1
7	.9325	.9357	-.3	.0	1	71.5	70.5	1.3	.0	1
6	.9430	.9457	-.3	.0	1	45.7	45.4	.7	1.0	1
5	.9523	.9544	-.2	0.0	1	32.7	32.6	.2	.4	1
4	.9612	.9628	-.2	.0	1	26.6	26.5	.2	.5	1
3	.9704	.9714	-.1	.0	1	23.7	23.9	-.7	.6	1
2	.9809	.9804	.1	.0	1	23.5	22.9	2.4	.0	1
1	.9900	.9899	.0	.0	1	22.5	22.7	-1.1	.4	1
0	1.0000	.9998	.0	.0	1	22.2	22.0	-2.0	.5	1
-1	1.0100	1.0100	.1	.1	1	22.3	22.8	-2.4	.4	1
-2	1.0201	1.0203	.3	.1	1	23.4	22.7	3.2	1.3	1



CRL: Number of dispersions= 2
 CI=.25 M2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	C2
0	1.E-02	.00617	1.137	.203	6.9E-01	4.4E-05	.907
1	1.E-02	.00012	1.125	.188	6.8E-01	6.2E-05	.859
2	1.E-03	.00003	1.124	.187	6.3E-01	6.7E-05	.887
3	1.E-04	.00003	1.122	.186	5.8E-01	6.7E-05	.889
4	1.E-05	.00003	1.122	.186	5.8E-01	6.7E-05	.889

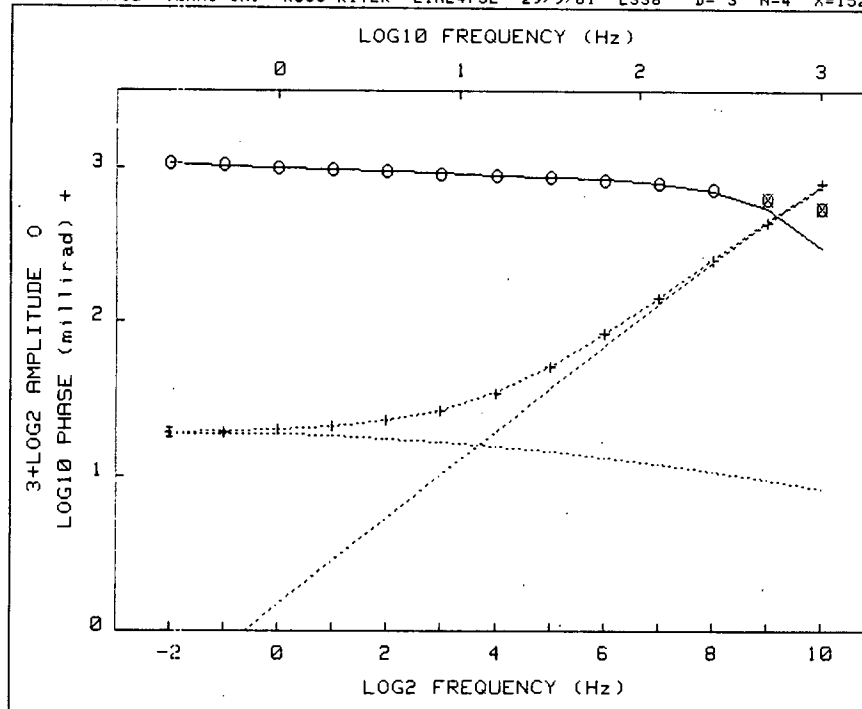
Pct Std Deviations .3 .6 20.0 1.2 .6

Correlation Matrix

1.000				
.652	1.000			
.917	.523	1.000		
-.438	-.154	-.443	1.000	
-.606	-.056	-.674	.799	1.000

Apparent Resistivity Measured at 1 Hz is 674.8
 Apparent Resistivity Calculated from Inductive Coupling is 872.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8316	.7877	5.3	.0	0	514.8	511.9	.6	.1	1
9	.8760	.8703	.7	.0	1	293.9	297.3	-1.2	.0	1
8	.9081	.9113	-.4	.0	1	169.8	169.9	-.1	.1	1
7	.9303	.9329	-.3	.0	1	99.7	98.9	.8	.1	1
6	.9447	.9463	-.2	.0	1	61.0	60.6	.7	.4	1
5	.9548	.9564	-.2	.0	1	40.3	40.4	-.3	.6	1
4	.9636	.9652	-.2	.0	1	30.2	30.1	.3	.5	1
3	.9723	.9737	-.1	.0	1	24.8	25.1	-1.1	.6	1
2	.9831	.9823	.1	.0	1	23.2	22.7	2.0	.0	1
1	.9917	.9911	.1	.0	1	21.7	21.8	-.3	.5	1
0	1.0000	1.0003	-.0	.1	1	21.0	21.3	-1.6	.7	1
-1	1.0113	1.0096	.2	.2	1	20.7	21.1	-1.7	1.4	1
-2	1.0225	1.0191	.3	.3	1	21.1	20.7	1.9	3.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00829	1.122	.186	5.8E-01	6.7E-05	.889
1	1.E-02	.00012	1.112	.173	5.7E-01	1.1E-04	.893
2	1.E-03	.00004	1.111	.173	5.2E-01	1.2E-04	.916
3	1.E-04	.00003	1.109	.172	4.6E-01	1.2E-04	.918
4	1.E-05	.00003	1.108	.172	4.5E-01	1.2E-04	.919

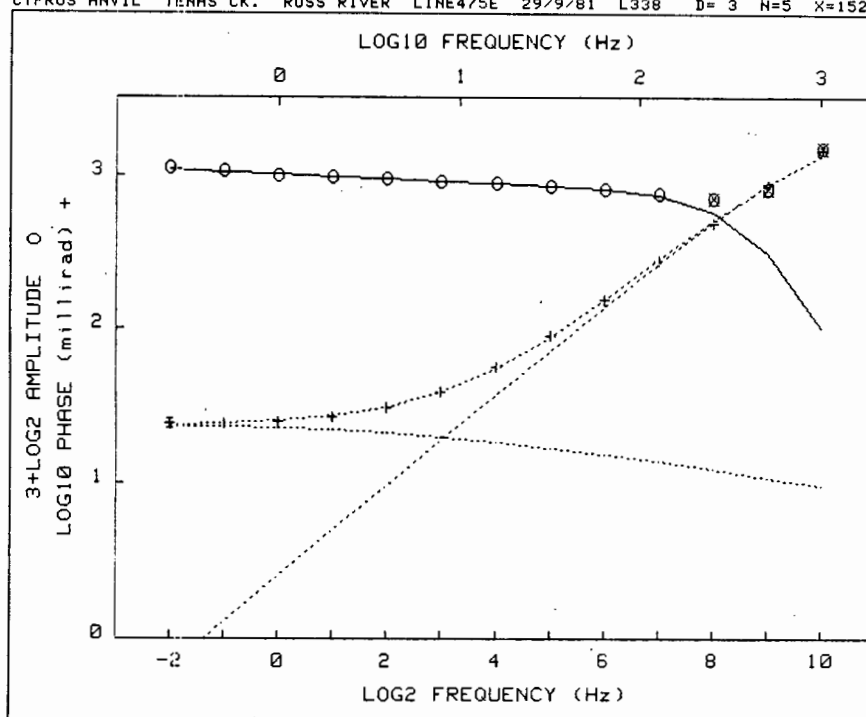
Pct Std Deviations .3 .7 26.9 1.1 .6

Correlation Matrix

1.000				
.456	1.000			
.905	.286	1.000		
-.356	-.095	-.345	1.000	
-.600	.130	-.682	.684	1.000

Apparent Resistivity Measured at 1 Hz is 623.0
Apparent Resistivity Calculated from Inductive Coupling is 906.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8311	.6992	15.9	.0	0	780.7	760.9	2.5	.0	1
9	.8656	.8337	3.7	.0	0	442.0	451.9	-2.2	.1	1
8	.9018	.9007	.1	.0	1	250.5	254.9	-1.8	.0	1
7	.9283	.9316	-.4	.0	1	144.3	143.0	.9	.1	1
6	.9456	.9478	-.2	.1	1	83.8	82.7	1.3	.4	1
5	.9564	.9585	-.2	.1	1	51.3	51.1	.3	.4	1
4	.9654	.9672	-.2	.0	1	34.7	34.9	-.7	.4	1
3	.9737	.9754	-.2	.0	1	26.6	26.8	-.9	.8	1
2	.9842	.9835	.1	.0	1	23.1	22.9	.9	.9	1
1	.9929	.9917	.1	.0	1	21.0	21.0	-.2	.7	1
0	1.0000	1.0002	-.0	.1	1	20.2	20.1	.4	.5	1
-1	1.0127	1.0088	.4	.4	1	19.1	19.6	-2.4	2.6	1
-2	1.0223	1.0174	.5	.5	1	19.3	19.8	1.4	6.2	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.03149	1.108	.172	4.5E-01	1.2E-04	.919
1	1.E-02	.00027	1.135	.206	4.6E-01	2.5E-04	.932
2	1.E-03	.00011	1.141	.208	5.3E-01	2.6E-04	.960
3	1.E-04	.00011	1.146	.208	7.1E-01	2.6E-04	.956
4	1.E-05	.00011	1.148	.209	8.0E-01	2.6E-04	.954

Pct Std Deviations .9 1.4 65.8 1.7 1.0

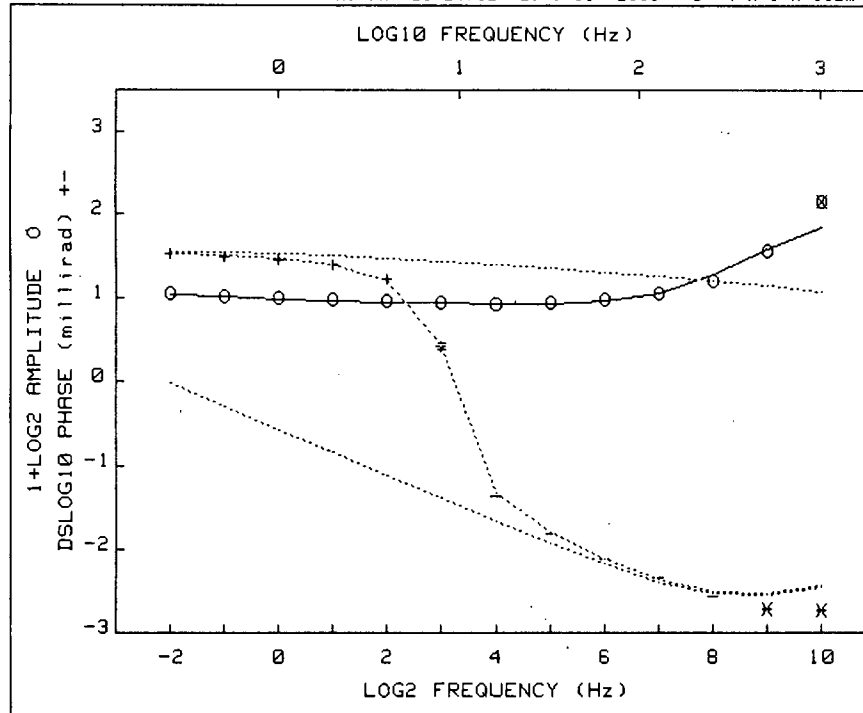
Correlation Matrix

1.000					
.651	1.000				
.945	.517	1.000			
-.441	-.359	-.403	1.000		
-.659	-.117	-.716	.596	1.000	

Apparent Resistivity Measured at 1 Hz is 669.9

Apparent Resistivity Calculated from Inductive Coupling is 657.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1246	.5008	55.5	.0	0	1434.2	1343.9	6.3	.0	1
9	.9346	.7023	24.9	.0	0	854.8	870.5	-1.8	.0	1
8	.9015	.8444	6.3	.1	0	484.6	506.4	-4.5	.0	1
7	.9160	.9106	.6	.1	1	272.5	278.7	-2.3	.1	1
6	.9344	.9389	-.5	.1	1	155.3	153.4	1.3	1.1	1
5	.9512	.9537	-.3	.1	1	89.6	88.0	1.8	.5	1
4	.9620	.9643	-.2	.0	1	56.0	54.9	2.0	.6	1
3	.9714	.9738	-.2	.0	1	38.8	38.5	.8	1.3	1
2	.9820	.9833	-.1	.0	1	30.7	30.6	.3	.5	1
1	.9930	.9932	-.0	.0	1	26.6	27.0	-1.4	.4	1
0	1.0000	1.0034	-.3	.2	1	24.9	25.3	-1.6	1.1	1
-1	1.0170	1.0140	.3	.6	1	24.1	24.5	-1.6	3.7	1
-2	1.0317	1.0248	.7	.7	1	24.3	23.9	1.6	7.5	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00007	1.260	.305	3.8E+00	2.5E-04	.911
1	1.E-01	.00005	1.260	.307	3.8E+00	2.4E-04	.906
2	1.E-02	.00002	1.260	.307	3.7E+00	2.4E-04	.903
3	1.E-03	.00001	1.252	.304	3.1E+00	2.4E-04	.901
4	1.E-04	.00001	1.242	.300	2.4E+00	2.4E-04	.897

Pct Std Deviations 3.7 5.9 183.9 6.3 1.7

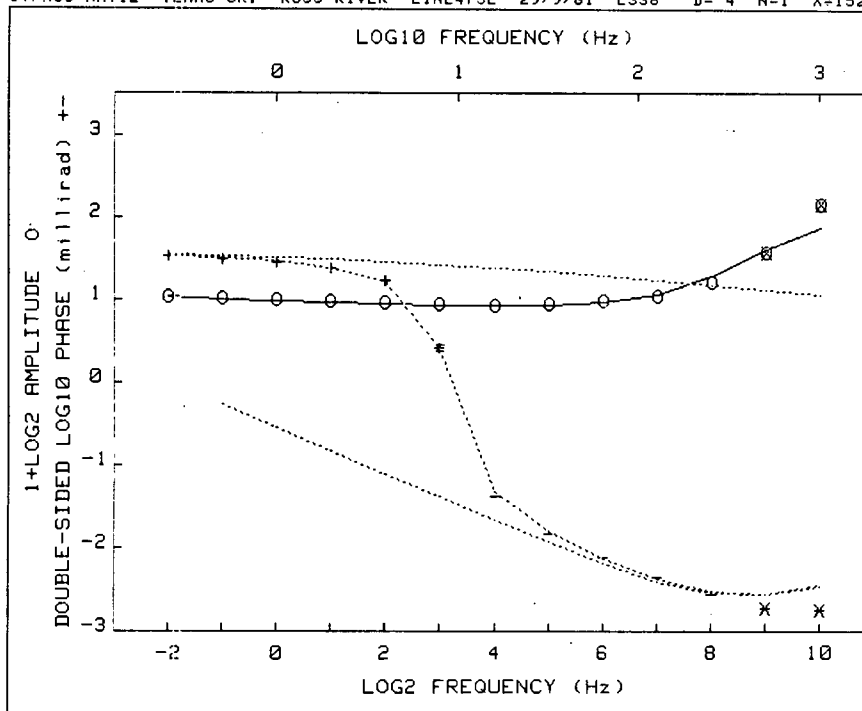
Correlation Matrix

1.000				
.957	1.000			
.969	.909	1.000		
-.827	-.807	-.785	1.000	
.615	.463	.749	-.240	1.000

Apparent Resistivity Measured at 1 Hz is 34.16

Apparent Resistivity Calculated from Inductive Coupling is 50.30

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-2	1.0342	1.0241	1.0	.5	1	33.8	34.2	-1.1	4.2	1
-1	1.0163	1.0082	.8	.1	1	31.4	32.5	-3.5	.6	1
0	1.0000	.9931	.7	.1	1	28.5	29.5	-3.6	.4	1
1	.9858	.9792	.7	.1	1	24.5	24.6	-.4	.6	1
2	.9721	.9668	.5	.1	1	16.9	16.4	2.7	.6	1
3	.9608	.9567	.4	.0	1	2.6	2.7	-3.6	8.6	1
4	.9539	.9503	.4	.0	1	-23.5	-21.0	10.7	1.0	1
5	.9507	.9519	.7	.0	1	-66.3	-62.0	6.6	.5	1
6	.9837	.9730	1.1	.0	1	-129.6	-130.0	-.3	.2	1
7	1.0342	1.0429	-.8	.1	1	-221.3	-228.2	-3.1	.3	1
8	1.1535	1.2121	-5.1	.0	1	-365.8	-323.7	11.5	.0	1
9	1.4783	1.4976	-1.3	.0	1	-528.3	-343.9	34.9	.0	0
10	2.2214	1.7929	19.3	.0	0	-550.5	-271.8	50.6	.1	0



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.16777	1.400	.374	5.9E+01	1.3E-04	1.000
1	1.E-02	.05860	1.399	.348	8.2E+01	1.5E-04	.837
2	1.E-03	.00446	1.308	.313	1.4E+01	2.4E-04	.972
3	1.E-04	.00083	1.269	.307	4.8E+00	2.4E-04	.914
4	1.E-05	.00079	1.262	.306	4.0E+00	2.5E-04	.912
5	1.E-06	.00079	1.260	.305	3.8E+00	2.5E-04	.911

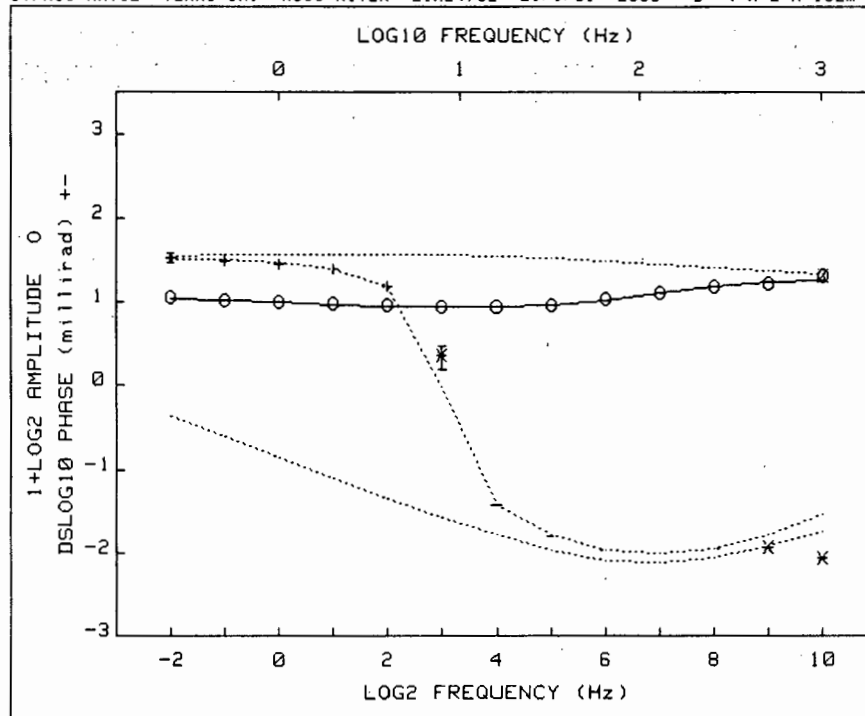
Pct Std Deviations 3.9 6.4 179.6 6.3 1.8

Correlation Matrix

1.000				
.964	1.000			
.974	.925	1.000		
-.745	-.756	-.701	1.000	
.618	.481	.734	-.088	1.000

Apparent Resistivity Measured at 1 Hz is 34.16
Apparent Resistivity Calculated from Inductive Coupling is 52.43

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.2214	1.8236	17.9	.0	0	-550.5	-276.1	49.8	.1	0
9	1.4783	1.5160	-2.5	.0	0	-528.3	-353.9	33.0	.0	0
8	1.1535	1.2164	-5.5	.0	1	-365.8	-333.7	8.8	.0	1
7	1.0342	1.0418	-.7	.1	1	-221.3	-233.1	-5.3	.3	1
6	.9837	.9722	1.2	.0	1	-129.6	-131.2	-1.3	.2	1
5	.9587	.9520	.7	.0	1	-66.3	-62.0	6.5	.5	1
4	.9539	.9509	.3	.0	1	-23.5	-20.9	11.0	1.0	1
3	.9608	.9574	.4	.0	1	2.6	2.6	-.1	8.6	1
2	.9721	.9675	.5	.1	1	16.9	16.2	4.0	.6	1
1	.9858	.9797	.6	.1	1	24.5	24.4	.6	.6	1
0	1.0000	.9934	.7	.1	1	28.5	29.4	-3.2	.4	1
-1	1.0163	1.0084	.8	.1	1	31.4	32.6	-3.8	.6	1
-2	1.0342	1.0244	.9	.5	1	33.8	34.5	-2.2	4.2	1



CRL: Number of dispersions= 2 Negative.
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00064	1.320	.332	1.0E+01	.232	1.3E-03	.899
1	1.E-02	.00061	1.313	.330	8.7E+00	.235	1.3E-03	.895
2	1.E-03	.00043	1.256	.309	3.0E+00	.254	1.3E-03	.876
3	1.E-03	.00030	1.229	.302	1.4E+00	.268	1.3E-03	.859
4	1.E-03	.00024	1.212	.302	7.5E-01	.280	1.3E-03	.844
5	1.E-03	.00021	1.202	.303	4.9E-01	.290	1.3E-03	.833
6	1.E-04	.00019	1.181	.308	2.1E-01	.311	1.2E-03	.810
7	1.E-05	.00018	1.178	.314	1.6E-01	.318	1.2E-03	.803
8	1.E+00	.00018	1.178	.314	1.6E-01	.318	1.2E-03	.803

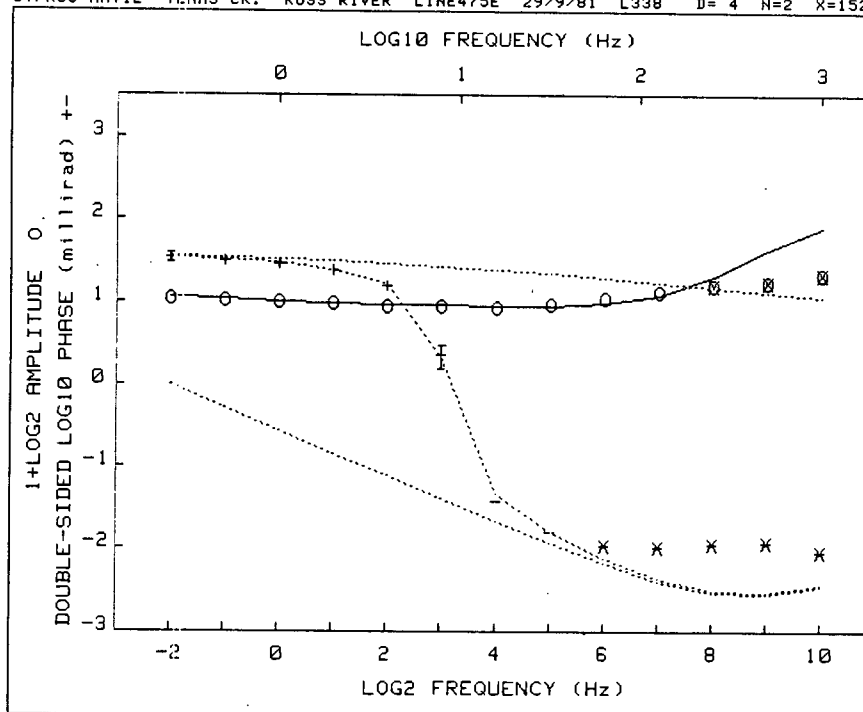
Pct Std Deviations 1.2 4.2 108.0 7.0 4.6 3.2

Correlation Matrix	1.000					
	-.747	1.000				
	.935	-.910	1.000			
	-.826	.949	-.940	1.000		
	.326	-.554	.435	-.672	1.000	
	.664	-.941	.830	-.936	.738	1.000

Apparent Resistivity Measured at 1 Hz is 64.43

Apparent Resistivity Calculated from Inductive Coupling is 55.96

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-2	1.0345	1.0271	.7	1.7	1	34.1	32.5	4.7	13.8	1
-1	1.0186	1.0113	.7	.5	1	31.2	32.1	-3.0	2.2	1
0	1.0000	.9957	.4	.2	1	28.5	29.9	-4.9	.8	1
1	.9843	.9808	.4	.3	1	24.5	24.8	-1.3	1.3	1
2	.9692	.9680	.1	.2	1	15.5	15.3	1.6	0.0	1
3	.9594	.9593	.0	.1	1	2.3	-1.0	144.0	30.7	0
4	.9577	.9590	-.1	.1	1	-26.6	-26.3	1.2	2.3	1
5	.9738	.9752	-.1	.1	1	-62.4	-59.8	4.1	1.0	1
6	1.0223	1.0168	.5	.1	1	-92.5	-91.7	.9	.6	1
7	1.0831	1.0809	.2	.1	1	-100.0	-102.9	-2.9	.4	1
8	1.1354	1.1440	-.8	.0	1	-89.6	-87.0	2.9	.6	1
9	1.1745	1.1855	-.9	.0	1	-86.0	-58.9	31.6	0.0	0
10	1.2442	1.2054	3.1	.0	0	-113.0	-33.8	70.1	.2	0



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E+02	.00123	1.272	.302	3.5E+00	2.4E-04	.899
1	1.E+00	.00113	1.275	.305	3.5E+00	2.5E-04	.902
2	1.E+01	.00108	1.275	.305	3.5E+00	2.5E-04	.903
3	1.E+01	.00107	1.276	.305	3.5E+00	2.5E-04	.904
4	1.E+01	.00106	1.276	.305	3.5E+00	2.5E-04	.905

Pct Std Deviations 4.9 7.7 285.3 9.3 2.5

Correlation Matrix

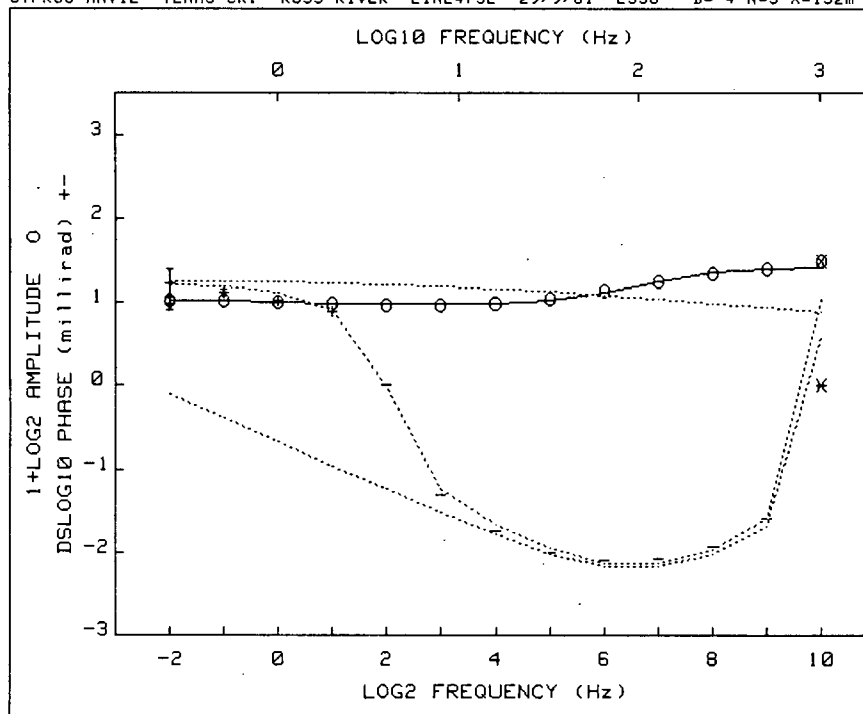
1.000				
.964	1.000			
.977	.929	1.000		
-.577	-.608	-.539	1.000	
.641	.511	.731	.136	1.000

Apparent Resistivity Measured at 1 Hz is 64.43

Apparent Resistivity Calculated from Inductive Coupling is 133.4

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.2442	1.3450	-48.3	.0	0	-113.0	-273.4	-141.9	.2	0
9	1.1745	1.5382	-31.0	.0	0	-86.0	-349.7	-306.7	.0	0
8	1.1354	1.2381	-9.0	.0	0	-89.6	-331.1	-269.5	.6	0
7	1.0831	1.0607	2.1	.1	1	-100.0	-233.3	-133.3	.4	0
6	1.0223	.9884	3.3	.1	1	-92.5	-132.6	-43.3	.6	0
5	.9738	.9668	.7	.1	1	-62.4	-63.2	-1.2	1.0	1
4	.9577	.9652	-.8	.1	1	-26.6	-21.7	18.5	2.3	1
3	.9594	.9715	-1.3	.1	1	2.3	2.2	4.1	30.7	1
2	.9652	.9817	-1.3	.2	1	15.5	16.1	-3.7	.0	1
1	.9843	.9941	-1.0	.3	1	24.5	24.3	.6	1.3	1
0	1.0000	1.0082	-.8	.2	1	28.5	29.5	-3.4	.8	1
-1	1.0166	1.0234	-.5	.5	1	31.2	32.7	-4.6	2.2	1
-2	1.0345	1.0397	-.5	1.7	1	34.1	34.6	-1.4	13.8	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 4 N=3 X=152m



CRL: Number of dispersions= 3 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	M3	T3	C3
0	1.E-02	.00170	1.106	.164	5.4E-01	8.2E-06	.366	1.4E-03	.932
1	1.E+03	.00170	1.106	.164	5.4E-01	8.2E-06	.366	1.4E-03	.932

Pct Std Deviations 1.6 5.3 244.4 87.3 11.1 13.4 5.6

Correlation Matrix

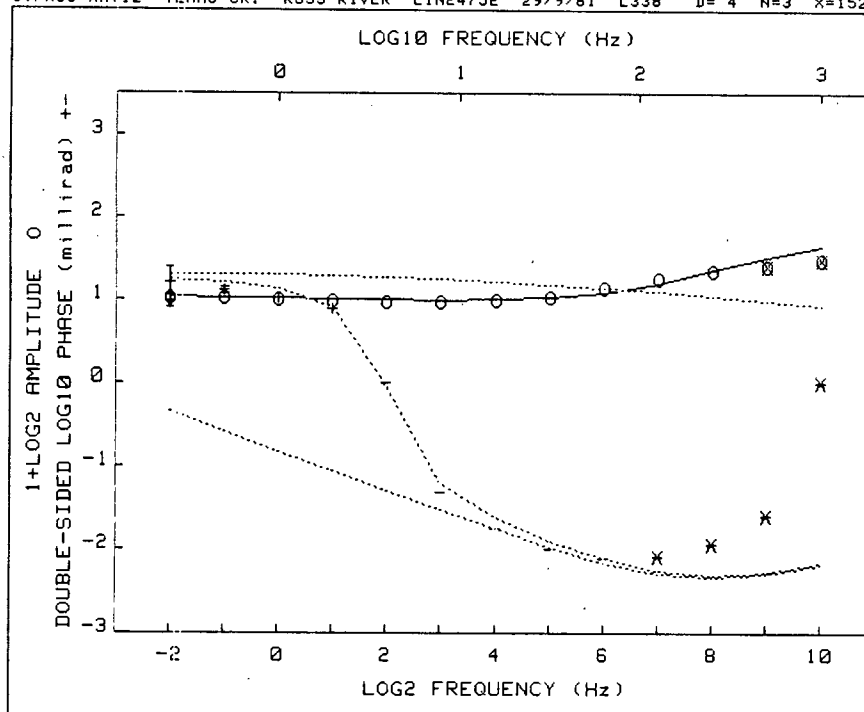
1.000									
.063	1.000								
.793	-.282	1.000							
-.500	.461	-.686	1.000						
-.616	.456	-.796	.939	1.000					
.498	-.441	.701	-.949	-.930	1.000				
.607	-.618	.915	-.801	-.857	.820	1.000			

Apparent Resistivity Measured at 1 Hz is 61.53

Apparent Resistivity Calculated from Inductive Coupling is 134.9

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 4 N=3 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-2	1.0165	1.0172	-.1	2.9	1	16.6	16.4	1.0	50.6	1
-1	1.0118	1.0092	.3	.8	1	13.2	15.3	-16.0	9.1	1
0	1.0000	1.0014	-.1	.3	1	10.6	12.8	-20.9	3.8	1
1	.9898	.9941	-.4	.5	1	7.8	8.0	-2.2	4.1	1
2	.9814	.9880	-.7	.2	1	-.4	-1.1	-162.8	42.4	1
3	.9784	.9848	-.7	.2	1	-20.4	-17.5	14.3	4.4	1
4	.9875	.9891	-.2	.2	1	-55.1	-46.2	16.2	1.1	1
5	1.0217	1.0137	.8	.2	1	-99.0	-90.0	9.1	.7	1
6	1.0947	1.0808	1.3	.1	1	-127.3	-134.2	-5.4	1.4	1
7	1.1897	1.1879	.2	.2	1	-122.2	-137.7	-12.7	1.1	1
8	1.2692	1.2776	-.7	.0	1	-86.6	-93.8	-8.3	.5	1
9	1.3226	1.3204	.2	.0	1	-39.4	-39.5	-.2	.3	1
10	1.3963	1.3338	4.5	.0	0	-.8	11.5	1535.8	20.0	0



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=.7 C2=.79 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00502	1.111	.177	6.3E-01	3.9E-04
1	1.E+00	.00487	1.127	.183	6.2E-01	4.1E-04
2	1.E-01	.00434	1.128	.184	5.8E-01	4.1E-04
3	1.E+02	.00434	1.128	.184	5.8E-01	4.1E-04

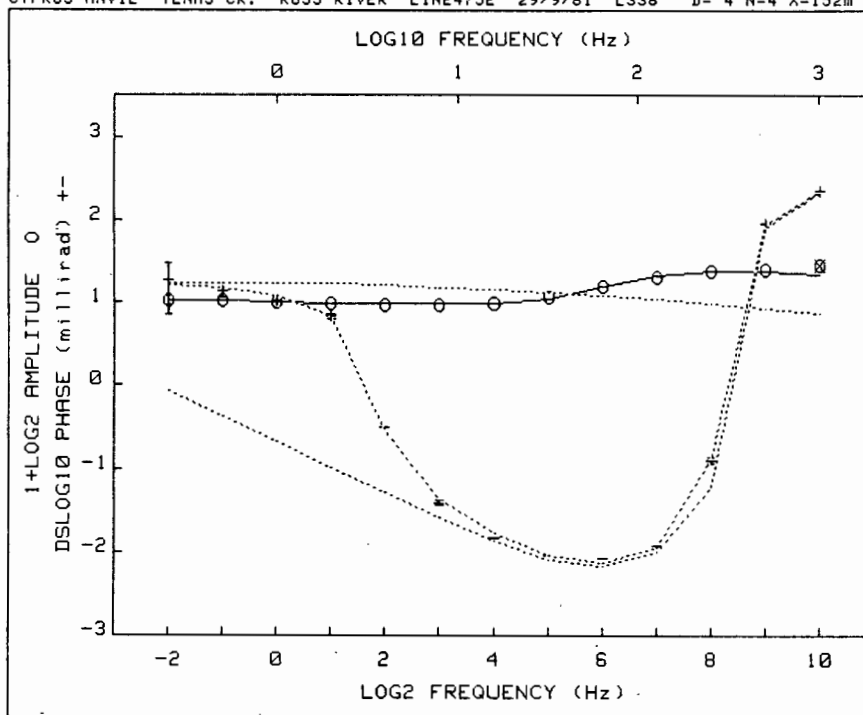
Pct Std Deviations 2.2 6.2 119.6 9.4

Correlation Matrix

1.000				
.684	1.000			
.780	.841	1.000		
-.399	-.030	-.551	1.000	

Apparent Resistivity Measured at 1 Hz is 61.53
Apparent Resistivity Calculated from Inductive Coupling is 136.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.3963	1.5591	-11.7	.0	0	-.8	-142.3	-999.0	20.0	0
9	1.3226	1.4325	-8.3	.0	0	-39.4	-189.1	-380.1	.3	0
8	1.2652	1.2766	-.6	.0	1	-86.6	-206.9	-138.9	.5	0
7	1.1857	1.1415	4.1	.2	1	-122.2	-180.3	-47.5	1.1	0
6	1.0947	1.0568	3.5	.1	1	-127.3	-128.2	-.7	1.4	1
5	1.0217	1.0151	.7	.2	1	-99.0	-77.8	21.4	.7	1
4	.9875	.9983	-1.1	.2	1	-55.1	-40.6	26.3	1.1	1
3	.9764	.9942	-1.6	.2	1	-20.4	-16.2	20.5	4.4	1
2	.9814	.9963	-1.5	.2	1	-.4	-1.1	-171.7	42.4	1
1	.9898	1.0018	-1.2	.5	1	7.8	8.0	-3.2	4.1	1
0	1.0000	1.0090	-.9	.3	1	10.6	13.4	-26.8	3.8	1
-1	1.0118	1.0173	-.5	.8	1	13.2	16.5	-24.9	9.1	1
-2	1.0165	1.0261	-.9	2.9	1	16.6	18.0	-8.6	50.6	1



CRL: Number of dispersions= 3 Negative.
 C1=.25 M2=1 C2=1 C3=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	M3	T3
0	1.E-02	.00124	1.107	.159	4.6E-01	4.6E-05	.345	2.2E-03
1	1.E-02	.00118	1.100	.158	4.6E-01	4.6E-05	.343	2.2E-03
2	1.E-03	.00118	1.100	.158	4.7E-01	4.6E-05	.343	2.2E-03

Pct Std Deviations 1.7 3.3 207.7 5.9 4.3 3.4

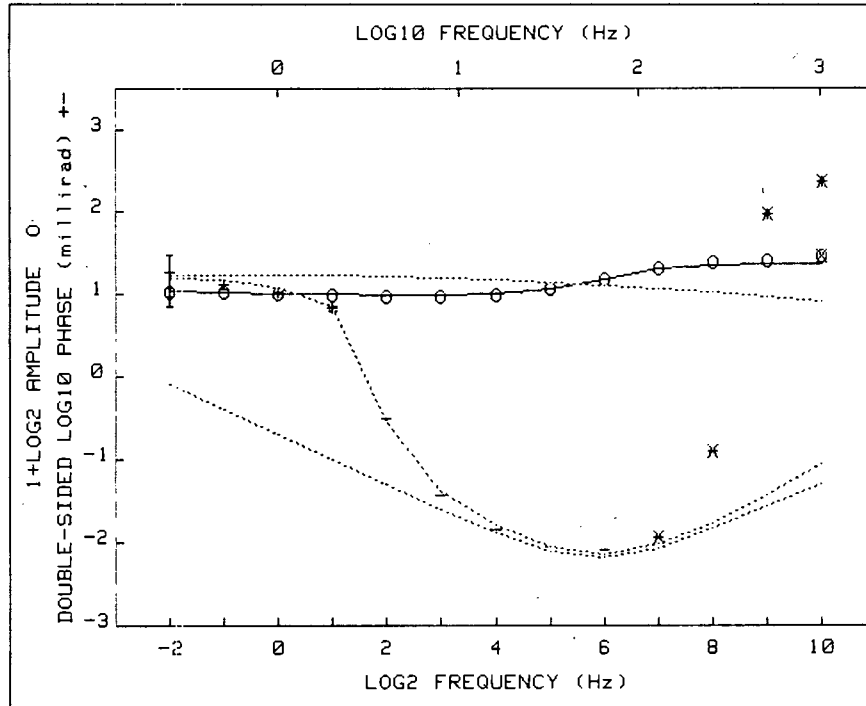
Correlation Matrix

1.000							
.575	1.000						
.899	.524	1.000					
-.104	-.149	-.024	1.000				
-.729	-.290	-.781	.577	1.000			
-.440	.039	-.584	-.704	.134	1.000		

Apparent Resistivity Measured at 1 Hz is 79.48

Apparent Resistivity Calculated from Inductive Coupling is 188.8

F	ObsAmp	CalAmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-2	1.0169	1.0168	.0	3.9	1	18.6	15.8	14.9	62.4	1
-1	1.0148	1.0089	.6	1.1	1	13.3	14.7	-10.9	12.8	1
0	1.0000	1.0012	-.1	.4	1	10.7	12.2	-13.9	3.7	1
1	.9888	.9938	-.5	.6	1	6.7	6.9	-3.4	6.2	1
2	.9785	.9873	-.9	.4	1	-3.2	-3.4	-7.1	3.1	1
3	.9783	.9840	-.6	.2	1	-26.3	-23.4	11.0	6.1	1
4	.9923	.9917	.1	.2	1	-68.7	-59.7	13.0	1.2	1
5	1.0418	1.0331	.8	.3	1	-110.6	-111.3	-.7	.7	1
6	1.1333	1.1338	-.0	.1	1	-121.8	-137.0	-12.4	1.7	1
7	1.2311	1.2436	-1.0	.2	1	-85.7	-90.4	-5.4	1.2	1
8	1.2944	1.2950	-.0	.0	1	-7.9	-7.8	1.3	7.6	1
9	1.3221	1.2999	1.7	.0	1	93.0	88.2	5.1	.5	1
10	1.3710	1.2633	7.9	.1	0	224.9	223.6	.6	.1	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=.3 C2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2
0	1.E-02	.00142	1.096	.159	2.5E-01	2.4E-03
1	1.E-02	.00140	1.100	.159	2.6E-01	2.4E-03
2	1.E-03	.00140	1.101	.159	3.0E-01	2.4E-03

Pct Std Deviations 1.5 3.3 242.2 7.4

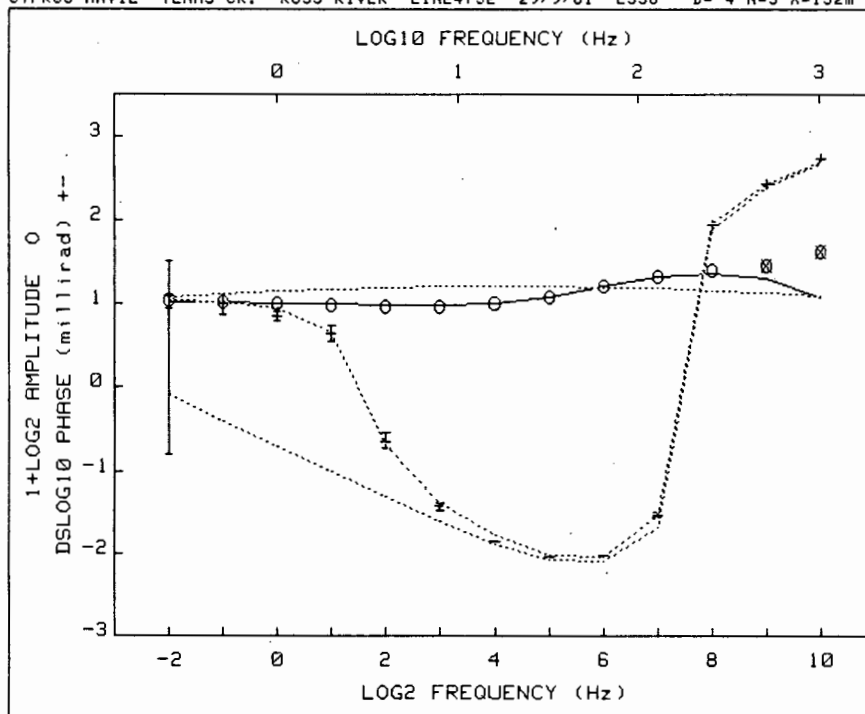
Correlation Matrix

1.000			
-.004	1.000		
.842	-.204	1.000	
-.719	.530	-.918	1.000

Apparent Resistivity Measured at 1 Hz is 79.48
Apparent Resistivity Calculated from Inductive Coupling is 194.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.3710	1.2817	6.5	.1	0	224.9	-11.1	104.9	.1	0
9	1.3221	1.2814	3.1	.0	1	93.0	-27.1	129.1	.5	0
8	1.2944	1.2710	1.8	.0	1	-7.9	-57.3	-625.5	7.6	0
7	1.2311	1.2288	.2	.2	1	-85.7	-103.7	-21.1	1.2	0
6	1.1333	1.1344	-.1	.1	1	-121.8	-137.0	-12.5	1.7	1
5	1.0410	1.0391	.3	.3	1	-110.6	-111.9	-1.1	.7	1
4	.9923	.9972	-.5	.2	1	-68.7	-60.7	11.7	1.2	1
3	.9763	.9892	-1.1	.2	1	-26.3	-23.8	9.4	6.1	1
2	.9765	.9927	-1.4	.4	1	-3.2	-3.4	-7.0	3.1	1
1	.9868	.9993	-1.1	.6	1	6.7	7.0	-4.9	6.2	1
0	1.0000	1.0069	-.7	.4	1	10.7	12.3	-14.5	3.7	1
-1	1.0148	1.0147	.0	1.1	1	13.3	14.7	-10.5	12.8	1
-2	1.0169	1.0226	-.6	3.9	1	18.6	15.6	15.9	62.4	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 4 N=5 X=152m



CRL: Number of dispersions= 3 Negative.
C1=.25 M2=1 C2=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	M3	T3
0	1.E-02	.00183	1.069	.130	1.0E-01	1.2E-04	.354	2.3E-03
1	1.E-02	.00181	1.068	.130	8.6E-02	1.2E-04	.355	2.3E-03
2	1.E-03	.00172	1.062	.134	3.8E-02	1.2E-04	.360	2.4E-03
3	1.E-04	.00167	1.056	.144	1.4E-02	1.2E-04	.367	2.4E-03
4	1.E-05	.00161	1.056	.148	1.2E-02	1.2E-04	.368	2.4E-03
5	1.E-06	.00160	1.056	.149	1.1E-02	1.2E-04	.369	2.4E-03

Pct Std Deviations 1.1 16.8 402.1 7.5 4.8 4.3

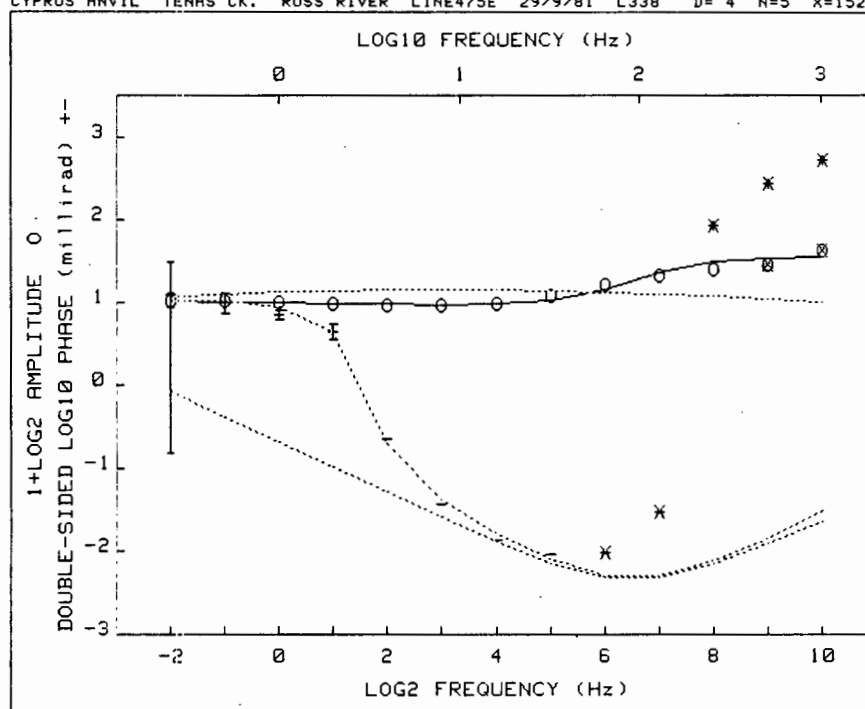
Correlation Matrix	1.000							
	-.612	1.000						
	.646	-.978	1.000					
	.034	-.218	.195	1.000				
	-.456	.605	-.597	.575	1.000			
	-.276	.624	-.553	-.745	-.148	1.000		

Apparent Resistivity Measured at 1 Hz is 78.65

Apparent Resistivity Calculated from Inductive Coupling is 222.8

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 4 N=5 X=152m

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-2	1.0214	1.0151	.6	5.5	1	12.7	10.7	15.5	150.4	1
-1	1.0119	1.0095	.2	1.6	1	10.1	10.5	-4.0	26.7	1
0	1.0000	1.0034	-.3	.6	1	7.2	8.9	-23.8	14.2	1
1	.9880	.9972	-.9	1.0	1	4.5	4.6	-2.5	20.0	1
2	.9772	.9915	-1.5	.5	1	-4.4	-5.0	-13.1	20.6	1
3	.9788	.9889	-1.0	.3	1	-26.9	-24.6	8.6	9.7	1
4	.9954	.9991	-.4	.3	1	-71.2	-60.4	15.1	2.0	1
5	1.0528	1.0478	.5	.4	1	-107.8	-106.5	1.2	1.5	1
6	1.1552	1.1546	.1	.1	1	-104.0	-111.4	-7.1	2.0	1
7	1.2540	1.2533	.1	.3	1	-33.8	-34.2	-1.2	5.9	1
8	1.3158	1.2809	2.7	.0	1	86.3	91.5	-6.0	1.0	1
9	1.3656	1.2298	9.9	.0	0	266.7	263.1	1.4	.4	1
10	1.5460	1.0530	31.9	.1	0	529.2	493.1	6.8	.1	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=.5 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.02865	.969	.150	7.7E-02	1.9E-03
1	1.E-02	.00305	1.057	.124	7.1E-02	1.4E-03
2	1.E-03	.00278	1.057	.130	4.7E-02	1.4E-03
3	1.E-04	.00276	1.053	.134	2.7E-02	1.4E-03

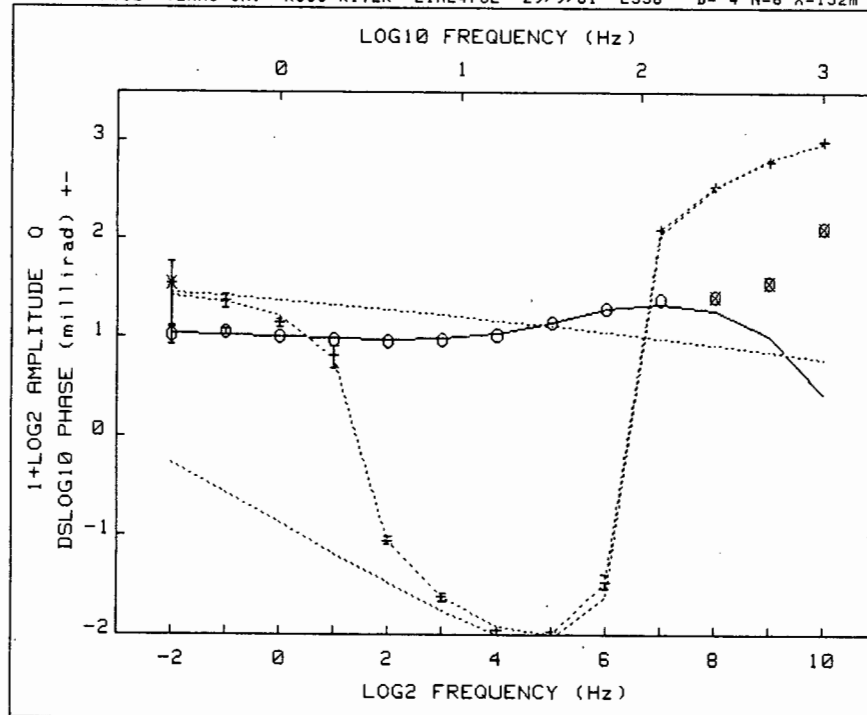
Pct Std Deviations 1.6 11.2 544.3 9.8

Correlation Matrix

1.000			
-.632	1.000		
.720	-.918	1.000	
-.628	.960	-.880	1.000

Apparent Resistivity Measured at 1 Hz is 78.65
Apparent Resistivity Calculated from Inductive Coupling is 277.3

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.5468	1.4629	5.4	.1	0	529.2	-32.5	106.1	.1	0
9	1.3656	1.4521	-6.3	.0	0	266.7	-68.6	125.7	.4	0
8	1.3158	1.4049	-6.8	.0	1	86.3	-129.9	250.5	1.0	0
7	1.2540	1.2791	-2.0	.3	1	-33.8	-195.8	-479.4	5.9	0
6	1.1552	1.1123	3.7	.1	1	-104.0	-193.8	-86.4	2.0	0
5	1.0528	1.0151	3.6	.4	1	-107.8	-124.3	-15.3	1.5	1
4	.9954	.9860	.9	.3	1	-71.2	-60.9	14.5	2.0	1
3	.9788	.9829	-.4	.3	1	-26.9	-23.9	11.3	9.7	1
2	.9772	.9870	-1.0	.5	1	-4.4	-4.9	-10.3	20.6	1
1	.9880	.9928	-.5	1.0	1	4.5	4.4	1.9	20.0	1
0	1.0000	.9988	.1	.6	1	7.2	8.7	-20.4	14.2	1
-1	1.0119	1.0047	.7	1.6	1	10.1	10.4	-2.6	26.7	1
-2	1.0214	1.0102	1.1	5.5	1	12.7	10.7	15.5	150.4	1



CRL: Number of dispersions= 3 Negative.
C1=.25 M2=1 C2=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	M3	T3
0	1.E-02	.00118	1.621	.422	9.0E+02	2.0E-04	.241	3.9E-03
1	1.E-02	.00101	1.572	.405	7.8E+02	2.1E-04	.245	3.9E-03
2	1.E-03	.00087	1.439	.357	2.6E+02	2.3E-04	.271	3.9E-03
3	1.E-04	.00083	1.311	.299	5.9E+01	2.6E-04	.306	3.8E-03
4	1.E-05	.00065	1.318	.296	5.1E+01	2.6E-04	.307	3.8E-03
5	1.E-06	.00065	1.318	.296	5.1E+01	2.6E-04	.308	3.8E-03

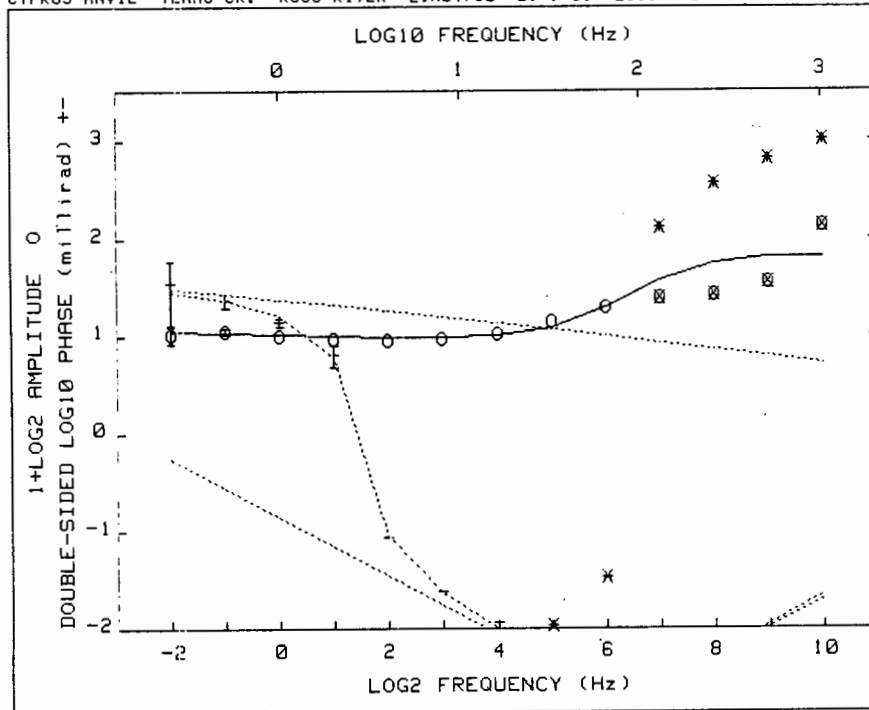
Pct Std Deviations 4.3 9.7 134.3 7.5 6.1 2.6

Correlation Matrix								
	1.000							
	.988	1.000						
	.983	.980	1.000					
	-.750	-.752	-.727	1.000				
	-.867	-.862	-.862	.959	1.000			
	-.866	-.835	-.143	-.468	-.286	1.000		

Apparent Resistivity Measured at 1 Hz is 108.8

Apparent Resistivity Calculated from Inductive Coupling is 232.6

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-2	1.0119	1.0227	-1.1	6.6	1	35.5	26.4	25.8	64.3	.0
-1	1.0336	1.0104	2.2	2.1	1	23.4	22.2	5.0	16.0	1
0	1.0000	.9995	.1	.7	1	13.9	16.1	-15.8	10.3	1
1	.9826	.9983	-.8	1.0	1	6.4	6.1	4.9	25.2	1
2	.9716	.9844	-1.3	.6	1	-11.5	-11.4	1.2	9.0	1
3	.9827	.9881	-.5	.4	1	-42.2	-41.7	1.1	8.1	1
4	1.0177	1.0213	-.3	.3	1	-89.1	-84.8	4.9	4.3	1
5	1.1034	1.1133	-.9	.6	1	-94.5	-102.3	-8.3	3.5	1
6	1.2280	1.2264	.1	.4	1	-29.8	-29.7	.3	15.2	1
7	1.3030	1.2711	2.4	.3	1	125.1	124.1	.8	3.1	1
8	1.3311	1.2157	8.7	.1	0	350.2	350.3	-.0	.1	1
9	1.4682	1.0116	31.1	.0	0	641.0	664.8	-3.7	.0	1
10	2.1656	.6755	68.8	.0	0	1007.8	993.0	1.5	.1	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=.5 C2=1 fixed

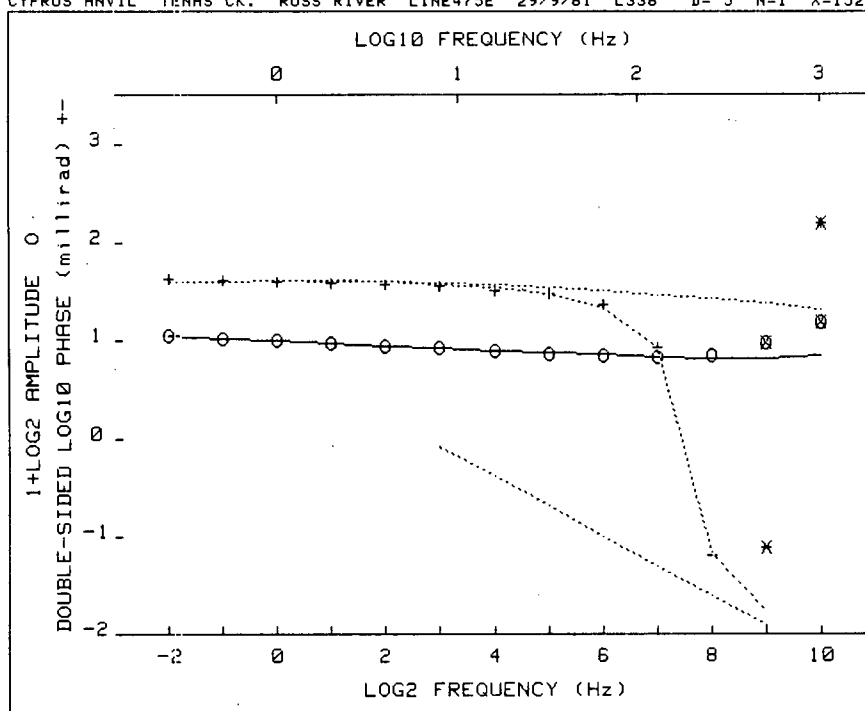
Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00217	1.602	.411	8.4E+02	1.5E-03
1	1.E-02	.00217	1.606	.412	8.6E+02	1.4E-03

Pct Std Deviations 37.1 55.0 999.9 41.9

Correlation Matrix			
1.000			
.999	1.000		
.998	.998	1.000	
-.992	-.991	-.996	1.000

Apparent Resistivity Measured at 1 Hz is 108.8
Apparent Resistivity Calculated from Inductive Coupling is 377.6

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.1656	1.7528	19.1	.0	0	1007.8	-45.8	104.5	.1	0
9	1.4662	1.7343	-18.1	.0	0	641.0	-91.7	114.3	.0	0
8	1.3311	1.6645	-25.0	.1	0	350.2	-171.6	149.0	.1	0
7	1.3030	1.4794	-13.5	.3	0	125.1	-265.9	312.5	3.1	0
6	1.2260	1.2205	.6	.4	1	-29.8	-201.9	-846.1	15.2	0
5	1.1034	1.0561	4.3	.6	1	-94.5	-194.6	-105.9	3.5	0
4	1.0177	1.0004	1.7	.3	1	-89.1	-101.3	-13.7	4.3	1
3	.9827	.9899	-.7	.4	1	-42.2	-43.1	-2.1	8.1	1
2	.9716	.9930	-2.2	.6	1	-11.5	-11.2	2.2	9.0	1
1	.9026	1.0005	-1.8	1.0	1	6.4	6.3	2.3	25.2	1
0	1.0000	1.0101	-1.0	.7	1	13.9	16.6	-19.2	10.3	1
-1	1.0336	1.0213	1.2	2.1	1	23.4	23.4	-.0	16.0	1
-2	1.0119	1.0342	-2.2	6.6	1	35.5	28.6	19.5	64.3	1



CRL: Number of dispersions= 2 Negative.
C1=.25 C2=1 fixed

Iter	Lambca	Rchsq	R0	M1	T1	M2	T2
0	1.E-02	.01105	1.260	.401	2.0E-01	.324	8.5E-05
1	1.E-02	.00053	1.205	.332	2.4E-01	.268	7.3E-05
2	1.E-03	.00044	1.220	.334	3.0E-01	.302	6.2E-05
3	1.E-04	.00043	1.224	.335	3.3E-01	.618	3.0E-05

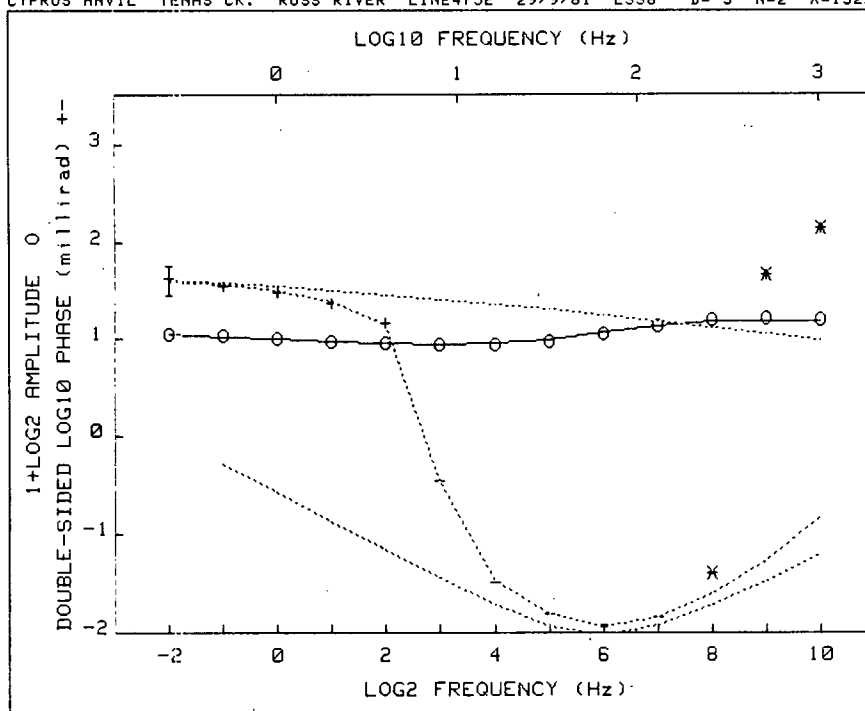
Pct Std Deviations 1.2 1.6 40.4 772.5 831.8

Correlation Matrix

1.000					
.691	1.000				
.893	.517	1.000			
.499	-.024	.644	1.000		
-.508	.018	-.654	-1.000	1.000	

Apparent Resistivity Measured at 1 Hz is 144.6
Apparent Resistivity Calculated from Inductive Coupling is 942.8

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1250	.8991	20.4	.2	0	150.9	-135.8	190.0	1.0	0
9	.9771	.8808	9.9	.0	0	-12.8	-58.4	-356.5	.0	0
8	.9008	.8836	1.9	.0	1	-15.8	-15.0	5.0	2.5	1
7	.8851	.8929	-.4	.1	1	8.5	8.3	1.9	.0	1
6	.9000	.9046	-.5	.0	1	23.0	21.3	7.6	1.0	1
5	.9133	.9178	-.5	.0	1	29.2	28.8	1.2	.5	1
4	.9287	.9323	-.4	.0	1	31.9	33.6	-5.3	1.0	1
3	.9478	.9480	-.0	.1	1	34.6	36.7	-6.0	.9	1
2	.9623	.9647	-.2	.0	1	36.5	38.7	-6.0	.8	1
1	.9825	.9822	.0	.0	1	37.6	39.8	-6.0	.4	1
0	1.0000	1.0003	-.0	.0	1	38.8	40.2	-3.7	.3	1
-1	1.0166	1.0187	-.0	.1	1	40.8	39.9	2.1	.2	1
-2	1.0379	1.0371	.1	.0	1	43.1	39.0	9.5	1.6	1



CRL: Number of dispersions= 2 Negative.
C1=.25 fixed

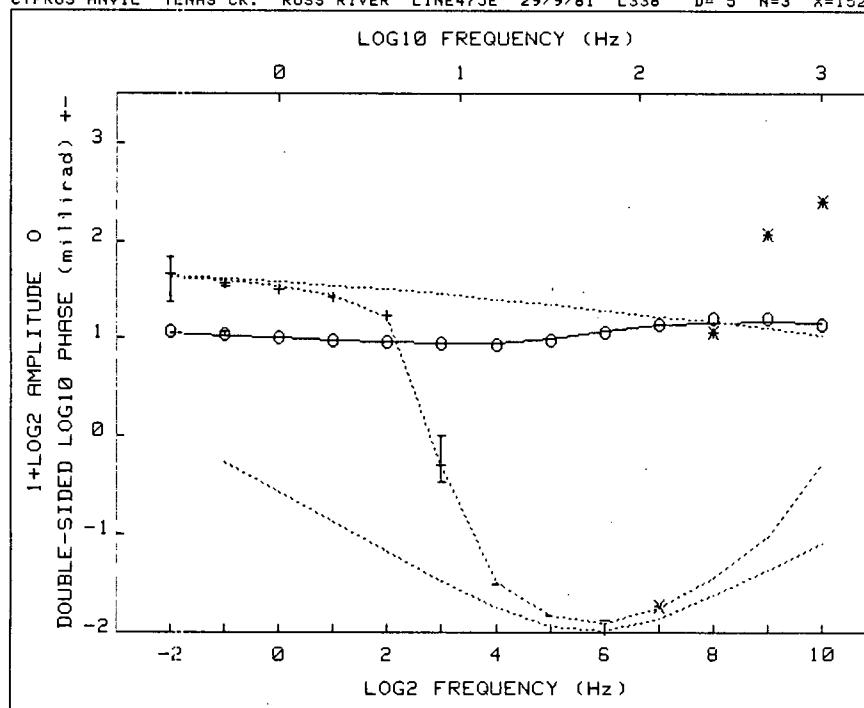
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.53412	1.606	.412	8.6E+02	.500	1.4E-03	1.000
1	1.E-02	.06402	1.453	.312	1.2E+03	.170	1.2E-03	1.000
2	1.E-03	.03435	1.709	.526	9.9E+02	.111	2.1E-03	.974
3	1.E-04	.00267	1.532	.433	1.4E+02	.143	2.3E-03	.978
4	1.E-05	.00057	1.410	.374	3.3E+01	.160	2.3E-03	.970
5	1.E-06	.00026	1.431	.378	3.3E+01	.158	2.3E-03	.967
6	1.E-04	.00026	1.431	.377	3.3E+01	.158	2.3E-03	.967

Pct Std Deviations 6.5 9.4 203.8 10.2 3.5 2.5

Correlation Matrix	1.000						
	.997	1.000					
	.995	.989	1.000				
	-.971	-.960	-.980	1.000			
	.239	.216	.261	-.426	1.000		
	.728	.700	.769	-.825	.695	1.000	

Apparent Resistivity Measured at 1 Hz is 83.83
Apparent Resistivity Calculated from Inductive Coupling is 111.6

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1467	1.1378	.2	.0	1	139.0	-6.6	104.8	.1	0
9	1.1666	1.1380	1.9	.0	1	45.9	-18.5	140.2	1.3	0
8	1.1448	1.1305	1.2	.0	1	-24.9	-40.0	-60.8	2.8	0
7	1.0958	1.1020	-.6	.1	1	-69.4	-70.3	-1.3	.9	1
6	1.0349	1.0439	-.9	.1	1	-83.5	-87.3	-4.6	.9	1
5	.9828	.9886	-.6	.0	1	-66.2	-66.5	-.5	1.5	1
4	.9571	.9659	-.9	.1	1	-31.8	-30.3	4.6	2.2	1
3	.9574	.9652	-.8	.1	1	-2.9	-2.9	-.5	27.8	1
2	.9661	.9736	-.6	.2	1	14.4	14.0	2.7	3.5	1
1	.9825	.9857	-.3	.3	1	23.7	24.4	-3.0	1.3	1
0	1.0000	1.0001	-.0	.6	1	30.0	31.2	-4.1	1.7	1
-1	1.0249	1.0165	.8	1.2	1	34.6	36.1	-4.4	4.9	1
-2	1.0382	1.0345	.4	.4	1	42.1	39.8	5.4	33.5	1



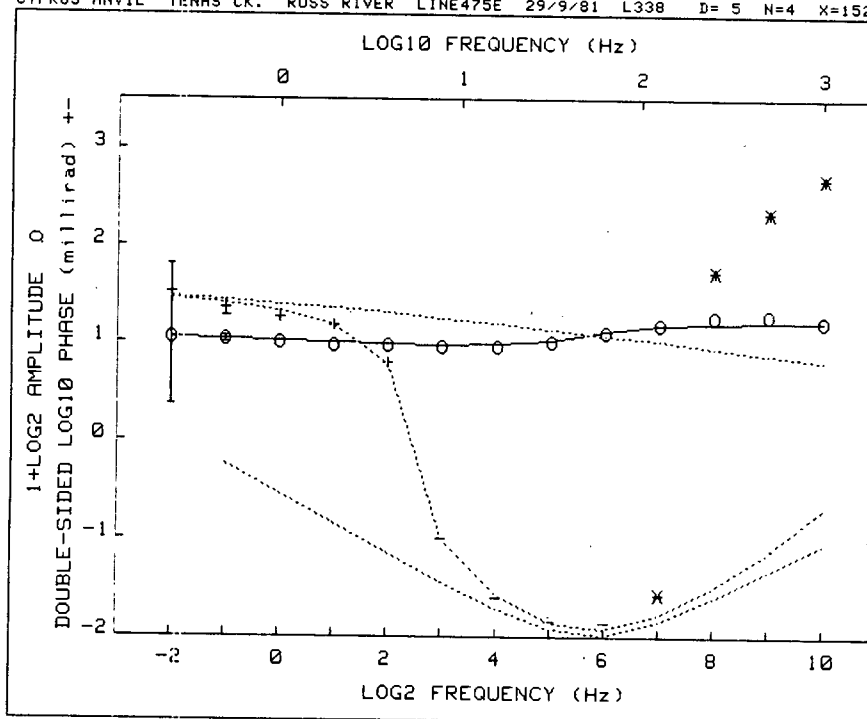
CRL: Number of dispersions= 2 Negative.
 C1=.25 fixed

Iter	Lambca	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00295	1.431	.377	3.3E+01	.158	2.3E-03	.967
1	1.E-02	.00091	1.460	.395	3.2E+01	.143	2.7E-03	.989
2	1.E-03	.00058	1.459	.394	3.1E+01	.141	2.8E-03	.995
3	1.E-04	.00055	1.452	.392	2.9E+01	.143	2.8E-03	.993
4	1.E-05	.00055	1.449	.391	2.8E+01	.143	2.8E-03	.993
Pct Std Deviations			10.3	13.7	446.2	18.9	8.3	4.6
Correlation Matrix			1.000					
			.996	1.000				
			.995	.988	1.000			
			-.950	-.931	-.961	1.000		
			.391	.352	.412	-.638	1.000	
			.744	.707	.780	-.880	.812	1.000

Apparent Resistivity Measured at 1 Hz is 189.5
 Apparent Resistivity Calculated from Inductive Coupling is 210.3

F	ObsRrp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0957	1.1139	-1.7	.0	1	249.8	-1.9	100.8	.1	0
9	1.11479	1.1163	2.8	.0	1	115.3	-10.7	109.3	.2	0
8	1.1448	1.1142	2.7	.0	1	11.3	-28.1	349.0	1.8	0
7	1.0976	1.0965	.1	.0	1	-54.4	-56.4	-3.6	.4	0
6	1.0357	1.0482	-1.2	.1	1	-76.0	-80.4	-5.8	2.4	1
5	.9811	.9906	-1.0	.1	1	-66.9	-67.7	-1.2	1.0	1
4	.9543	.9640	-1.0	.1	1	-32.6	-31.4	3.7	1.3	1
3	.9563	.9631	-.7	.2	1	-2.0	-2.0	-.3	50.2	1
2	.9661	.9724	-.7	.4	1	16.7	16.0	4.1	2.2	1
1	.9751	.9858	-.7	.5	1	26.6	26.9	-1.1	.8	1
0	1.0000	1.0015	-.2	.9	1	31.6	33.9	-7.3	2.2	1
-1	1.0269	1.0192	.9	1.9	1	36.6	38.8	-6.1	8.2	1
-2	1.0432	1.0386	.4	.7	1	45.8	42.5	7.1	49.3	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 5 N=4 X=152m



CRL: Number of dispersions= 2 Negative.
C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2
0	1.E-02	.00139	1.334	.300	4.3E+01	.155	2.7E-03
1	1.E-02	.00138	1.336	.302	4.4E+01	.155	2.7E-03

Pct Std Deviations 9.5 21.5 520.2 12.0 7.9

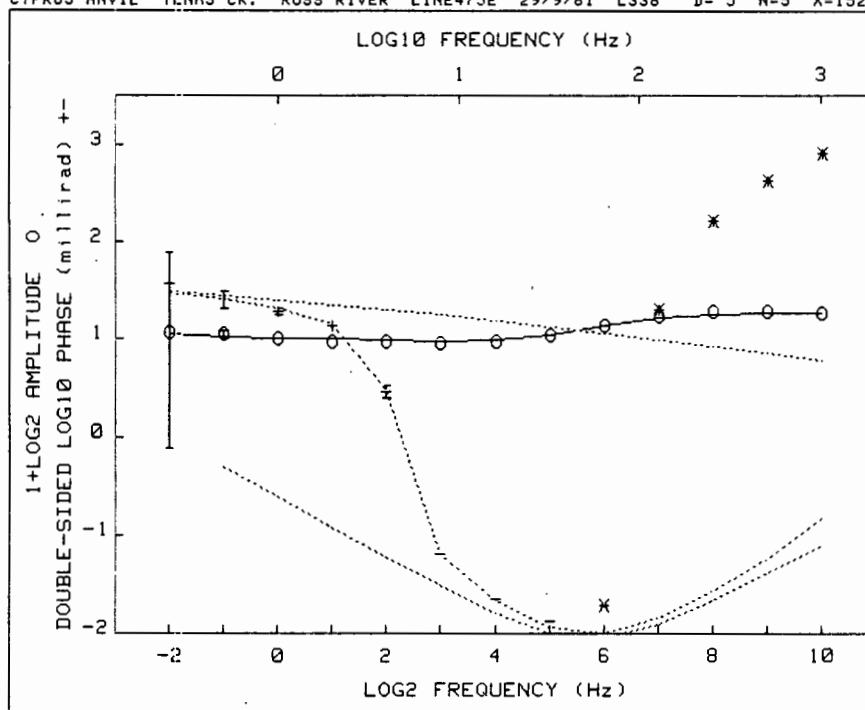
Correlation Matrix

	1.000					
	.996	1.000				
	.993	.992	1.000			
	-.891	-.880	-.880	1.000		
	-.419	-.422	-.475	.049	1.000	

Apparent Resistivity Measured at 1 Hz is 183.1
Apparent Resistivity Calculated from Inductive Coupling is 334.4

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 5 N=4 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1542	1.1549	.1	.1	1	469.1	-4.9	101.1	.1	0
9	1.2044	1.1558	4.0	.0	1	214.6	-14.1	106.6	.0	0
8	1.1924	1.1518	3.4	.0	1	53.4	-32.0	159.9	.7	0
7	1.1363	1.1314	.6	.1	1	-37.5	-60.9	-62.4	1.4	0
6	1.0650	1.0789	-.9	.2	1	-74.3	-85.0	-14.5	2.4	1
5	1.0064	1.0182	-1.2	.1	1	-71.8	-72.1	-.4	1.5	1
4	.9732	.9896	-1.7	.2	1	-40.2	-37.3	7.1	1.2	1
3	.9769	.9856	-1.5	.3	1	-10.2	-10.2	.0	15.7	1
2	.9774	.9909	-1.4	.5	1	6.3	6.0	5.5	5.0	1
1	.9828	.9995	-1.7	.7	1	15.0	15.4	-2.6	2.1	1
0	1.0000	1.0000	-1.0	1.3	1	18.5	21.3	-15.3	4.9	1
-1	1.0261	1.0215	.6	2.5	1	23.1	25.4	-10.1	17.3	1
-2	1.0361	1.0345	.3	1.0	1	32.9	28.6	13.2	93.0	1



CRL: Number of dispersions= 2 Negative.
 T1=100 C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	M2	T2
0	1.E-02	1.45593	3.810	.752	.063	2.5E-03
1	1.E+00	1.04113	.733	.348	.061	3.6E-03
2	1.E-01	.01163	1.348	.286	.109	3.3E-03
3	1.E-02	.00156	1.391	.325	.165	2.9E-03
4	1.E-03	.00128	1.395	.330	.173	2.7E-03
5	1.E-04	.00128	1.394	.330	.174	2.7E-03

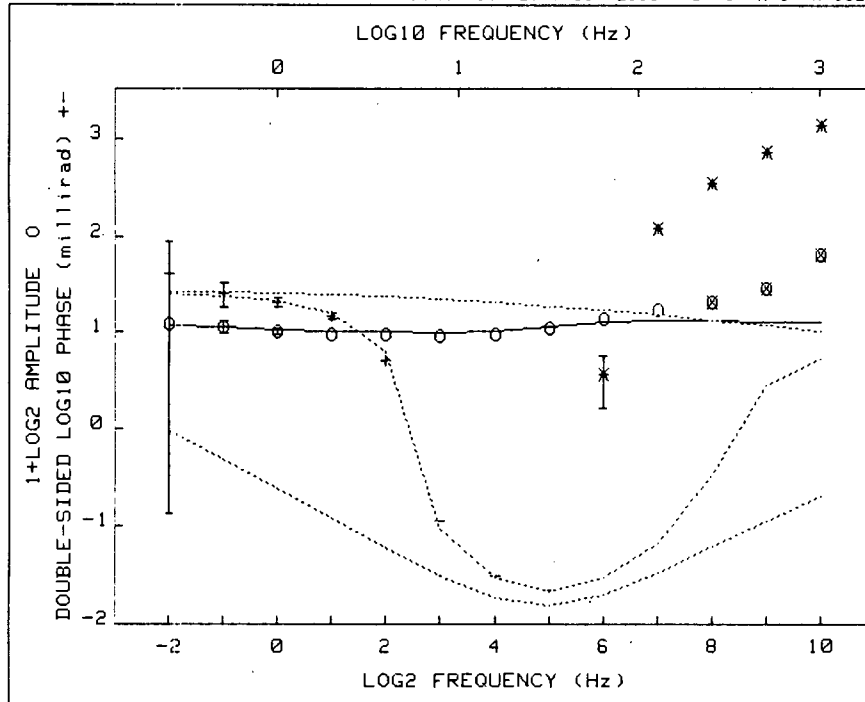
Pct Std Deviations 1.2 2.3 7.6 9.0

Correlation Matrix

1.000			
.753	1.000		
-.463	-.217	1.000	
.634	.502	-.939	1.000

Apparent Resistivity Measured at 1 Hz is 217.7
 Apparent Resistivity Calculated from Inductive Coupling is 418.7

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1950	1.1917	.6	.1	1	809.3	-6.8	100.8	.1	0
9	1.2126	1.1921	1.7	.1	1	405.6	-17.4	104.3	.0	0
8	1.2064	1.1869	1.6	.1	1	161.6	-37.9	123.5	.4	0
7	1.1673	1.1625	.4	.1	1	19.6	-71.3	463.8	1.0	0
6	1.0963	1.1005	-.2	.2	1	-52.0	-100.2	-89.0	3.5	0
5	1.0244	1.0277	-.3	.1	1	-74.7	-87.0	-16.4	1.3	1
4	.9759	.9921	-1.2	.3	1	-45.8	-47.2	-3.1	1.7	1
3	.9720	.9856	-1.4	.4	1	-15.4	-15.7	-2.1	13.7	1
2	.9767	.9900	-1.4	.6	1	2.9	3.0	-2.9	14.2	1
1	.9814	.9983	-1.7	.9	1	13.8	13.8	-.3	3.6	1
0	1.0000	1.0004	-.8	1.6	1	10.9	20.6	-9.2	5.9	1
-1	1.0327	1.0200	1.2	3.2	1	25.4	25.4	.1	20.1	1
-2	1.0483	1.0331	1.4	1.3	1	37.2	29.0	22.0	103.5	1



CRL: Number of dispersions= 2 Negative.
T1=1 C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	M2	T2
0	1.E-02	.32020	1.410	.332	.091	4.4E-03
1	1.E-02	.06643	1.090	.182	.071	8.5E-03
2	1.E-03	.01474	1.105	.227	.096	4.9E-03
3	1.E-04	.00600	1.105	.225	.112	4.7E-03
4	1.E-05	.00622	1.108	.230	.112	5.0E-03
5	1.E-06	.00618	1.109	.231	.112	5.1E-03

Pct Std Deviations 2.1 6.5 12.4 17.4

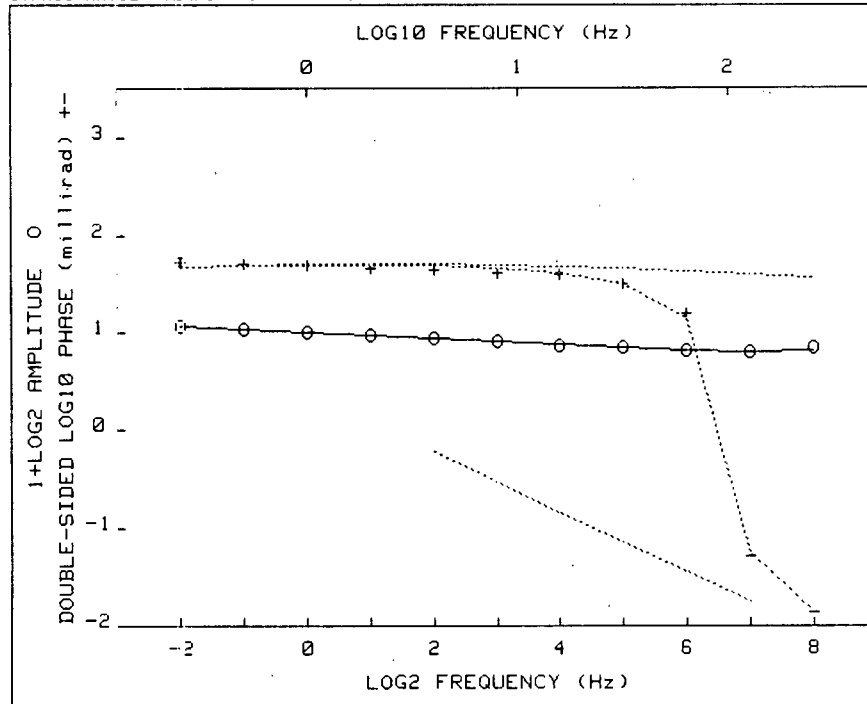
Correlation Matrix

1.000			
.523	1.000		
-.117	-.089	1.000	
.311	.507	-.851	1.000

Apparent Resistivity Measured at 1 Hz is 211.8
Apparent Resistivity Calculated from Inductive Coupling is 475.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.7452	1.0736	38.6	.1	0	1321.0	5.2	99.6	.0	0
9	1.3615	1.0777	20.8	.1	0	726.8	2.0	99.6	.1	0
8	1.2317	1.0814	12.2	.0	0	342.1	-3.0	100.9	.3	0
7	1.1672	1.0819	7.3	.1	1	118.1	-14.9	112.6	1.0	0
6	1.1017	1.0711	2.8	.3	1	3.6	-33.7	999.0	55.6	0
5	1.0282	1.0400	-1.2	.0	1	-46.2	-46.8	-1.2	3.2	1
4	.9827	1.0071	-2.5	.4	1	-32.4	-34.3	-6.0	3.8	1
3	.9736	.9960	-2.3	.5	1	-8.9	-10.8	-21.3	31.5	1
2	.9751	.9990	-2.1	.8	1	5.0	6.2	-24.8	2.8	1
1	.9782	1.0090	-3.2	1.2	1	14.7	15.9	-8.3	6.8	1
0	1.0000	1.0201	-2.0	2.2	1	20.4	21.1	-3.5	9.9	1
-1	1.0361	1.0319	.6	4.2	1	25.7	23.8	7.4	28.0	1
-2	1.0660	1.0441	2.1	1.7	1	41.0	25.0	39.0	118.0	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 6 N=1 X=152m



CRL: Number of dispersions= 2 Negative.
C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2
0	1.E-02	.07482	1.200	.320	1.0E+00	.096	4.2E-04
1	1.E-02	.00533	1.309	.410	8.6E-01	.174	2.5E-04
2	1.E-03	.00205	1.273	.398	3.0E-01	.315	1.5E-04
3	1.E-04	.00179	1.262	.400	2.0E-01	.329	1.5E-04
4	1.E-05	.00179	1.261	.401	2.0E-01	.324	1.5E-04

Pct Std Deviations 2.6 2.6 86.5 97.3 110.4

Correlation Matrix

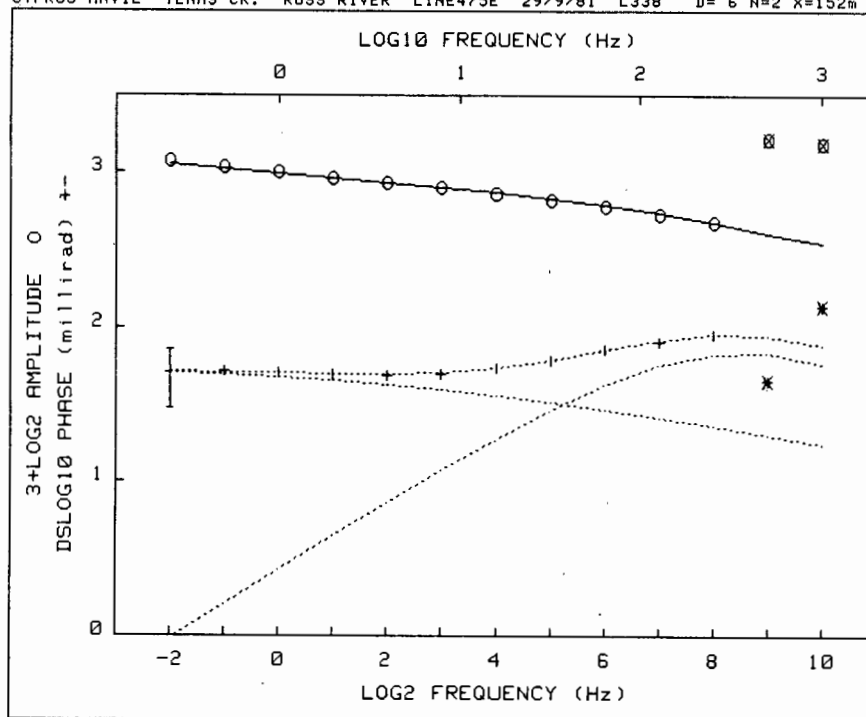
1.000				
.575	1.000			
.892	.348	1.000		
.303	-.218	.397	1.000	
-.366	.199	-.472	-.996	1.000

Apparent Resistivity Measured at 1 Hz is 168.5
Apparent Resistivity Calculated from Inductive Coupling is 348.2

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 6 N=1 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	.8963	.8746	2.4	.1	1	-73.9	-73.7	.3	.1	1
7	.8651	.8692	-.0	.0	1	-19.3	-18.0	6.8	1.2	1
6	.8766	.8804	-.4	.0	1	15.8	14.0	11.6	1.8	1
5	.8944	.8970	-.3	.0	1	31.9	31.3	2.0	1.1	1
4	.9128	.9159	-.3	.0	1	39.2	40.8	-4.0	.6	1
3	.9349	.9362	-.1	.1	1	41.0	46.0	-12.1	.3	1
2	.9566	.9577	-.1	.0	1	43.3	48.7	-12.5	.2	1
1	.9766	.9799	-.3	.1	1	45.6	49.8	-9.2	.2	1
0	1.0000	1.0025	-.2	.1	1	48.4	49.7	-2.7	.2	1
-1	1.0215	1.0252	-.4	.1	1	50.8	48.6	4.2	.4	1
-2	1.0426	1.0476	-.2	.1	1	53.6	46.8	12.7	8.2	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 6 N=2 X=152m



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00010	1.379	.405	3.4E+00	.123	5.3E-04	.711
1	1.E+03	.00010	1.379	.405	3.4E+00	.123	5.3E-04	.711

Pct Std Deviations 3.2 2.1 125.1 21.3 32.9 12.7

Correlation Matrix

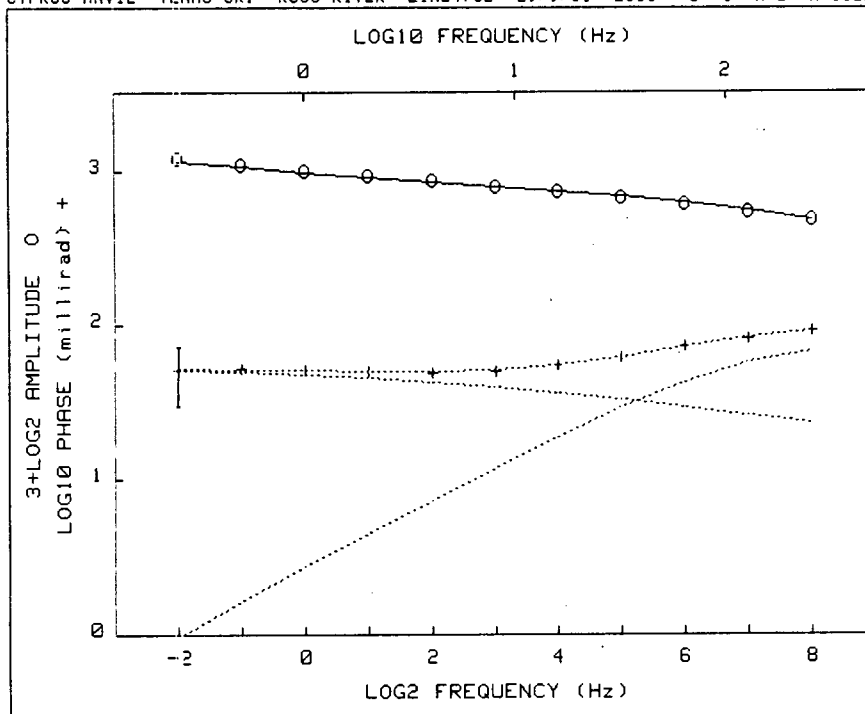
1.000								
.832	1.000							
.984	.742	1.000						
.717	.287	.787	1.000					
-.535	-.150	-.598	-.946	1.000				
-.770	-.344	-.833	-.983	.901	1.000			

Apparent Resistivity Measured at 1 Hz is 75.78

Apparent Resistivity Calculated from Inductive Coupling is 206.9

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 6 N=2 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-2	1.0549	1.0414	1.3	.7	1	51.1	52.0	-1.8	41.5	1
-1	1.0233	1.0176	.6	.6	1	52.7	51.6	2.1	1.9	1
0	1.0000	.9948	.5	.4	1	50.9	50.9	.1	.6	1
1	.9751	.9731	.2	.3	1	49.9	50.2	-.7	.2	1
2	.9543	.9526	.2	.2	1	49.3	50.2	-1.9	.6	1
3	.9320	.9327	-.1	.1	1	50.6	51.6	-2.0	1.2	1
4	.9083	.9129	-.5	.1	1	55.4	55.3	.2	.6	1
5	.8866	.8917	-.6	.1	1	61.4	62.2	-1.3	.7	1
6	.8592	.8670	-.9	.2	1	73.5	72.4	1.5	2.3	1
7	.8303	.8367	-.8	.0	1	82.4	83.9	-1.8	.7	1
8	.8014	.8008	.1	.1	1	92.2	91.4	.9	.1	1
9	1.1606	.7639	34.2	.0	0	45.9	89.2	-94.3	1.3	0
10	1.1407	.7324	35.8	.0	0	139.0	77.2	44.4	.1	0



CRL: Number of dispersions= 2
C1=.25 fixed

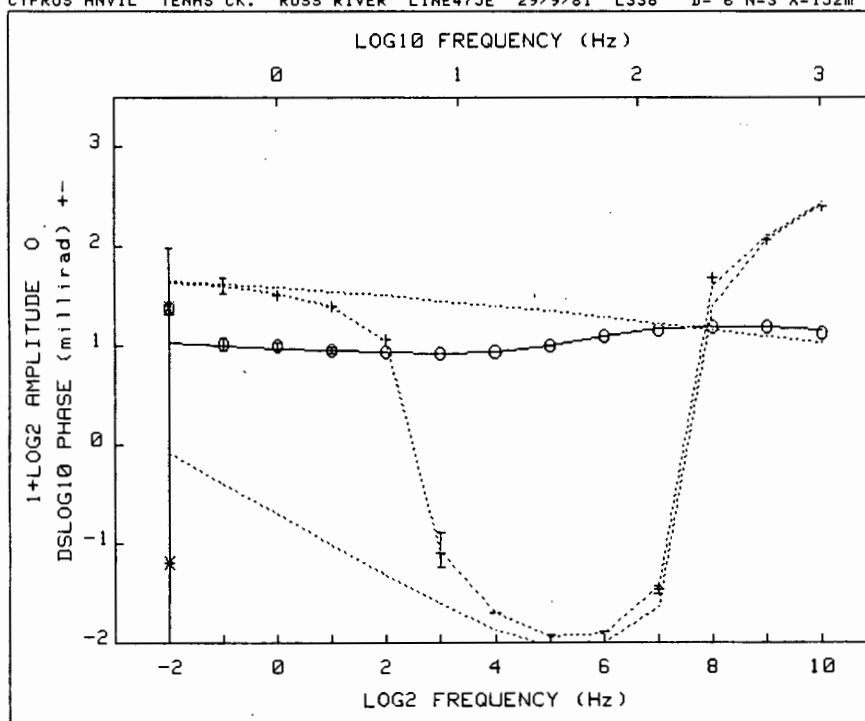
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.08609	1.150	.209	8.0E-01	1.000	2.6E-04	.954
1	1.E-02	.01534	1.266	.398	8.0E-01	.664	5.6E-05	.660
2	1.E-03	.00034	1.328	.380	1.7E+00	.297	5.5E-05	.544
3	1.E-03	.00018	1.350	.385	2.8E+00	.277	6.9E-05	.511
4	1.E-04	.00014	1.411	.399	8.2E+00	.184	2.5E-04	.541
5	1.E-04	.00013	1.401	.410	4.8E+00	.135	4.9E-04	.672
6	1.E-05	.00008	1.372	.404	3.0E+00	.120	5.5E-04	.722
7	1.E-06	.00008	1.379	.405	3.4E+00	.123	5.3E-04	.711

Pct Std Deviations 2.6 1.7 92.2 16.8 24.8 10.0

Correlation Matrix	1.000						
	.820	1.000					
	.985	.725	1.000				
	.699	.253	.775	1.000			
	-.493	-.113	-.563	-.935	1.000		
	-.751	-.306	-.821	-.981	.885	1.000	

Apparent Resistivity Measured at 1 Hz is 75.78
Apparent Resistivity Calculated from Inductive Coupling is 206.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	.8014	.8008	.1	.1	1	92.2	91.4	.9	.1	1
7	.8383	.8367	-.8	.0	1	82.4	83.9	-1.8	.7	1
6	.8552	.8670	-.9	.2	1	73.5	72.4	1.5	2.3	1
5	.8866	.8917	-.6	.1	1	61.4	62.2	-1.3	.7	1
4	.90E3	.9129	-.5	.1	1	55.4	55.3	.2	.6	1
3	.9320	.9327	-.1	.1	1	50.6	51.6	-2.0	1.2	1
2	.9543	.9526	.2	.2	1	49.3	50.2	-1.9	.6	1
1	.9751	.9731	.2	.3	1	49.9	50.2	-.7	.2	1
0	1.0000	.9948	.5	.4	1	50.9	50.9	.1	.6	1
-1	1.0233	1.0176	.6	.6	1	52.7	51.6	2.1	1.9	1
-2	1.0549	1.0414	1.3	.7	1	51.1	52.0	-1.8	41.5	1



CRL: Number of dispersions= 3 Negative.
C1=.25 M2=1 C2=1 C3=1 fixed

Iter	Lambda	Rchsqr	R0	M1	T1	T2	M3	T3
0	1.E-02	.00086	1.476	.413	3.9E+01	3.4E-05	.174	3.3E-03
1	1.E-02	.00085	1.470	.411	3.8E+01	3.4E-05	.174	3.3E-03

Pct Std Deviations 13.5 18.0 525.4 13.1 16.1 2.7

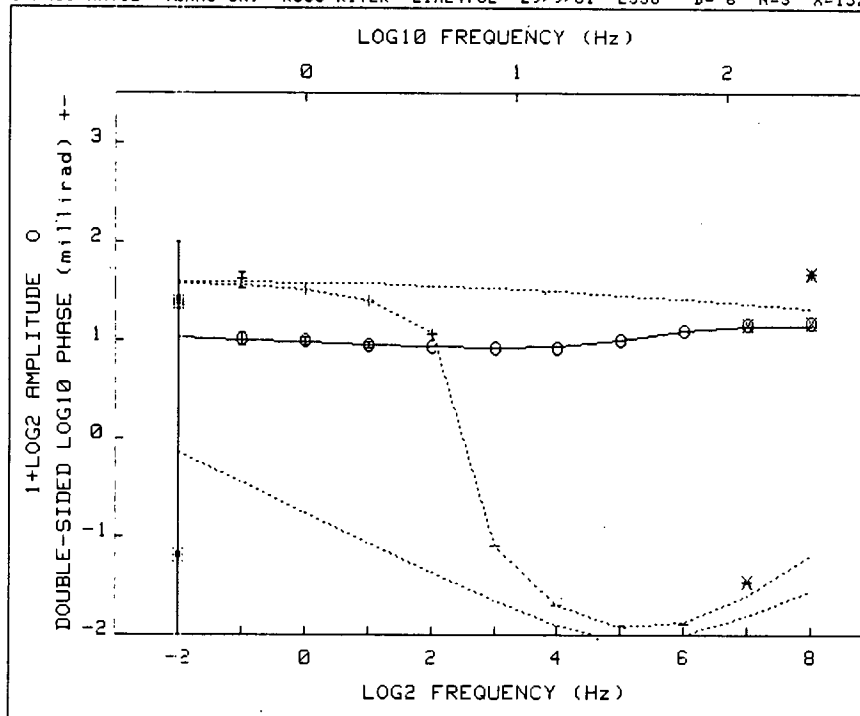
Correlation Matrix

1.000							
.998	1.000						
.996	.994	1.000					
-.948	-.948	-.941	1.000				
-.989	-.986	-.992	.963	1.000			
-.460	-.444	-.496	.263	.428	1.000		

Apparent Resistivity Measured at 1 Hz is 73.62

Apparent Resistivity Calculated from Inductive Coupling is 150.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-2	1.3025	1.0221	21.5	3.6	0	-15.4	44.2	387.2	737.7	0
-1	1.0147	1.0022	1.2	4.4	1	41.9	39.9	4.8	18.4	1
0	1.0000	.9842	1.6	2.7	1	32.4	34.0	-4.9	5.6	1
1	.9741	.9683	.6	2.1	1	25.2	25.3	-.5	5.2	1
2	.9599	.9552	.5	1.4	1	11.6	11.4	1.4	2.6	1
3	.9484	.9477	.1	.6	1	-12.4	-12.1	2.4	37.9	1
4	.9547	.9560	-.1	.4	1	-50.8	-49.4	1.2	2.9	1
5	.9983	1.0012	-.3	.3	1	-82.7	-86.9	-5.1	5.2	1
6	1.0669	1.0774	-1.0	.3	1	-77.4	-79.6	-2.9	4.2	1
7	1.1207	1.1282	-.7	.0	1	-29.1	-26.5	8.0	0.9	1
8	1.1385	1.1429	-.4	.0	1	48.0	40.2	16.3	.2	1
9	1.1479	1.1399	.7	.0	1	115.3	128.0	-11.0	.2	1
10	1.0957	1.1203	-2.2	.0	1	249.8	274.3	-9.8	.1	1



CRL: Number of dispersions= 2 Negative.
T1=1 C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	M2	T2
0	1.E-02	.03757	1.189	.231	.112	5.1E-03
1	1.E-02	.00005	1.217	.323	.180	4.0E-03
2	1.E-03	.00047	1.238	.327	.186	3.9E-03
3	1.E-04	.00047	1.238	.327	.186	3.9E-03

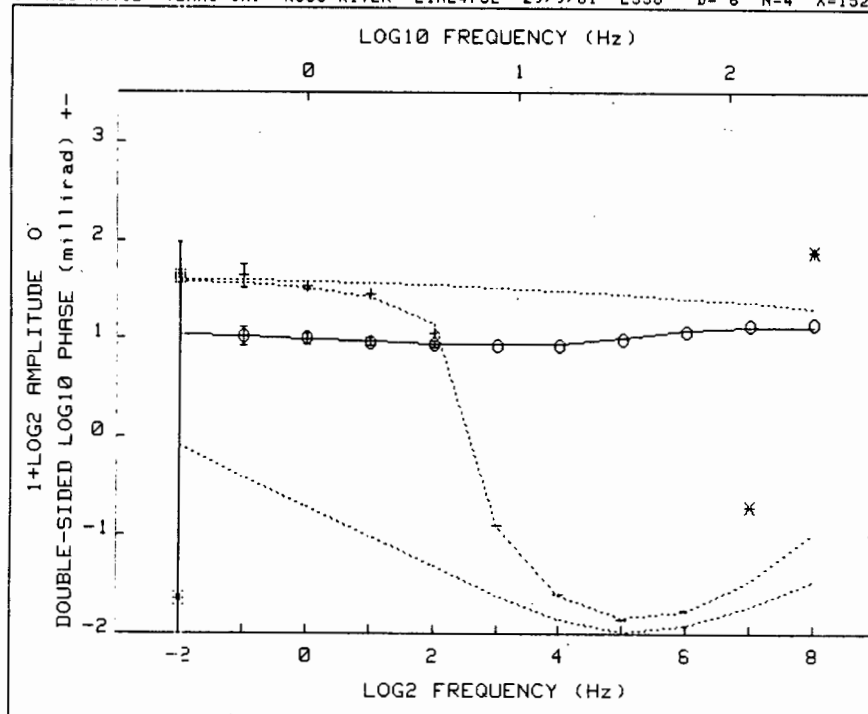
Pct Std Deviations .7 1.7 2.4 3.1

Correlation Matrix

1.000				
.628	1.000			
.018	.039	1.000		
.269	.456	-.780	1.000	

Apparent Resistivity Measured at 1 Hz is 73.62
Apparent Resistivity Calculated from Inductive Coupling is 117.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	1.1385	1.1114	2.4	.0	0	48.0	-15.5	132.3	.2	0
7	1.1267	1.1053	1.4	.0	0	-29.1	-41.3	-42.0	8.9	0
6	1.0669	1.0718	-.5	.3	1	-77.4	-75.5	2.4	4.2	1
5	.9983	1.0073	-.9	.3	1	-82.7	-85.1	-3.0	5.2	1
4	.9547	.9600	-.6	.4	1	-50.0	-51.4	-2.9	2.9	1
3	.9484	.9501	-.2	.6	1	-12.4	-12.5	-.9	37.9	1
2	.9559	.9585	.2	1.4	1	11.6	12.3	-.6	2.6	1
1	.9741	.9729	.1	2.1	1	25.2	25.7	-.2	5.2	1
0	1.0000	.9895	1.1	2.7	1	32.4	32.8	-.1	5.6	1
-1	1.0147	1.0070	.8	4.4	1	41.9	36.3	13.3	18.4	1
-2	1.3025	1.0250	21.3	3.6	0	-15.4	37.7	345.1	737.7	0



CRL: Number of dispersions= 2 Negative.
T1=1 C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	M2	T2
0	1.E-02	.00554	1.238	.327	.186	3.9E-03
1	1.E-02	.00157	1.240	.328	.159	4.1E-03
2	1.E-03	.00156	1.242	.324	.159	4.2E-03
3	1.E-04	.00156	1.242	.324	.159	4.2E-03

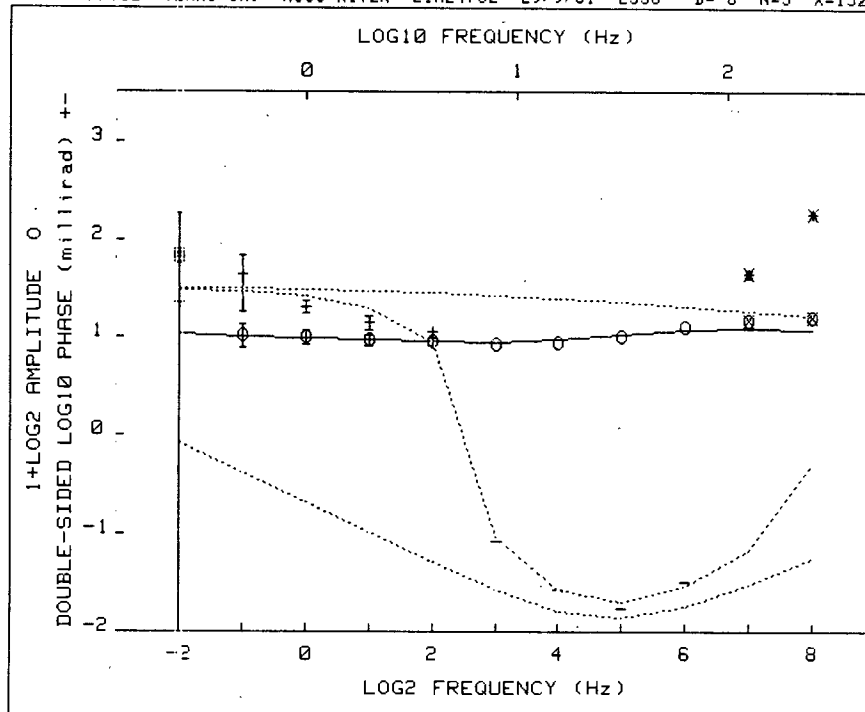
Pct Std Deviations 1.2 3.2 3.8 5.0

Correlation Matrix

1.000			
.688	1.000		
-.016	.123	1.000	
.380	.456	-.746	1.000

Apparent Resistivity Measured at 1 Hz is 145.9
Apparent Resistivity Calculated from Inductive Coupling is 211.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	1.1108	1.0854	2.3	.0	1	76.8	-9.5	112.4	2.0	0
7	1.1016	1.0825	1.7	.1	1	-5.3	-30.7	-478.4	68.0	0
6	1.0519	1.0579	-.6	.5	1	-58.3	-59.9	-2.8	6.1	1
5	.9907	1.0053	-1.5	.7	1	-72.4	-70.6	2.5	6.4	1
4	.9409	.9640	-1.6	.4	1	-40.0	-42.9	-7.3	3.8	1
3	.9454	.9555	-1.1	.9	1	-8.1	-8.4	-4.0	65.4	1
2	.9611	.9640	-.3	2.0	1	11.4	14.0	-23.1	.9	1
1	.9758	.9784	-.3	3.2	1	27.8	26.4	5.1	5.0	1
0	1.0000	.9948	.5	3.9	1	34.2	32.9	3.8	9.4	1
-1	1.0109	1.0123	.6	6.5	1	44.5	36.1	18.8	27.6	1
-2	1.5357	1.0302	33.1	4.3	0	-46.1	37.4	181.2	304.6	0



CRL: Number of dispersions= 2 Negative.
 T1=1 C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	M2	T2
0	1.E-02	.00822	1.209	.271	.124	5.2E-03
1	1.E-02	.00792	1.193	.272	.122	5.3E-03
2	1.E-06	.00792	1.193	.272	.122	5.3E-03

Pct Std Deviations 2.6 6.9 7.5 10.1

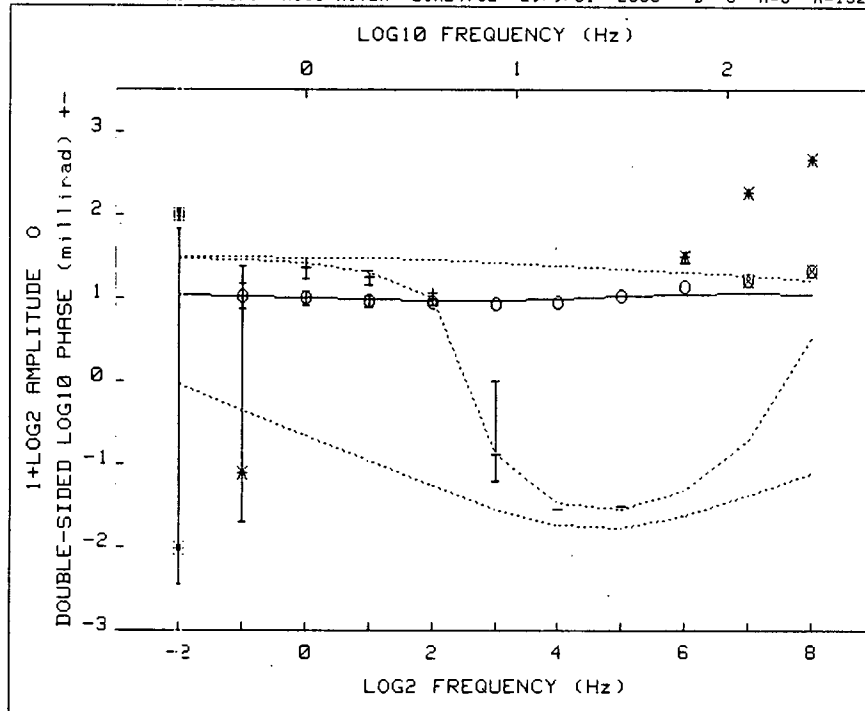
Correlation Matrix

1.000			
.531	1.000		
.136	.291	1.000	
.235	.464	-.536	1.000

Apparent Resistivity Measured at 1 Hz is 127.0
 Apparent Resistivity Calculated from Inductive Coupling is 307.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	1.1470	1.0539	8.1	.2	0	177.4	-2.0	101.1	1.2	0
7	1.1249	1.0553	6.2	.2	0	43.6	-14.9	134.2	10.1	0
6	1.0727	1.0448	2.7	.6	1	-31.8	-35.7	-12.2	22.7	1
5	1.0070	1.0121	-.5	.7	1	-59.1	-51.0	13.8	9.7	1
4	.9685	.9763	-1.6	.9	1	-38.0	-37.8	.6	1.3	1
3	.9514	.9641	-1.3	1.1	1	-12.1	-11.0	9.2	58.7	1
2	.9667	.9689	-.2	2.6	1	11.4	8.7	23.5	.9	1
1	.9780	.9798	-.2	4.1	1	14.0	19.9	-42.4	17.1	1
0	1.0000	.9930	.7	5.0	1	20.5	25.9	-26.4	15.6	1
-1	1.0114	1.0070	.4	8.5	1	43.3	29.0	33.1	58.7	1
-2	1.7759	1.0214	42.5	4.6	0	23.1	30.3	-31.1	687.0	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 6 N=6 X=152m



CRL: Number of dispersions= 2 Negative.
T1=1 C1=.25 C2=1 fixed

Iter	Lambca	Rchsq	R0	M1	M2	T2
0	1.E-02	.00951	1.193	.272	.122	5.3E-03
1	1.E-02	.00275	1.199	.267	.095	6.2E-03
2	1.E-03	.00266	1.201	.270	.096	6.2E-03
3	1.E-01	.00266	1.201	.270	.096	6.2E-03

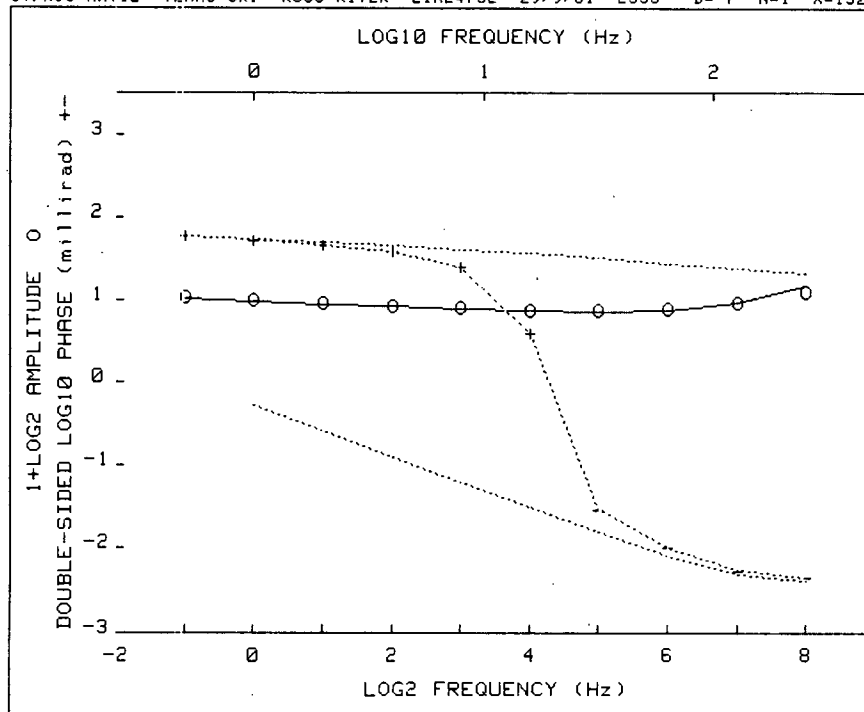
Pct Std Deviations 1.7 5.2 5.6 8.5

Correlation Matrix				
1.000				
.637	1.000			
.080	.148	1.000		
.331	.522	-.691	1.000	

Apparent Resistivity Measured at 1 Hz is 147.6
Apparent Resistivity Calculated from Inductive Coupling is 457.3

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 6 N=6 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	1.2471	1.0332	17.2	.2	0	449.7	3.3	99.3	.8	0
7	1.1582	1.0368	10.5	.1	0	185.3	-5.2	102.8	3.7	0
6	1.0956	1.0333	6.0	1.1	1	30.9	-20.2	165.5	13.6	0
5	1.0166	1.0133	.5	1.0	1	-31.3	-34.8	-11.2	23.7	1
4	.9628	.9850	-2.3	.9	1	-34.1	-29.1	14.7	12.3	1
3	.9519	.9732	-2.2	1.4	1	-7.7	-7.7	-.2	103.9	1
2	.9659	.9775	-1.2	3.0	1	11.4	9.9	12.7	.9	1
1	.9757	.9883	-1.5	5.0	1	17.9	20.4	-13.7	19.0	1
0	1.0000	1.0013	-.1	6.0	1	23.4	26.0	-11.0	26.1	1
-1	1.0210	1.0153	.6	9.8	1	-12.9	28.8	323.5	286.8	0
-2	1.9962	1.0297	48.5	4.5	0	-104.4	30.1	128.8	164.0	0



CRL: Number of dispersions= 2 Negative.
C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2
0	1.E-02	.02771	1.220	.335	3.3E-01	.618	3.0E-04
1	1.E-02	.00570	1.265	.356	1.1E+00	.438	5.3E-04
2	1.E-02	.00171	1.334	.407	1.0E+00	.401	6.2E-04
3	1.E-02	.00102	1.373	.418	2.5E+00	.384	6.2E-04
4	1.E-02	.00090	1.397	.426	3.3E+00	.378	6.1E-04
5	1.E-03	.00089	1.511	.463	1.2E+01	.351	5.8E-04
6	1.E-04	.00084	1.682	.516	4.4E+01	.318	5.5E-04
7	1.E-05	.00051	1.754	.531	6.0E+01	.307	5.5E-04
8	1.E-06	.00051	1.753	.530	5.9E+01	.308	5.5E-04

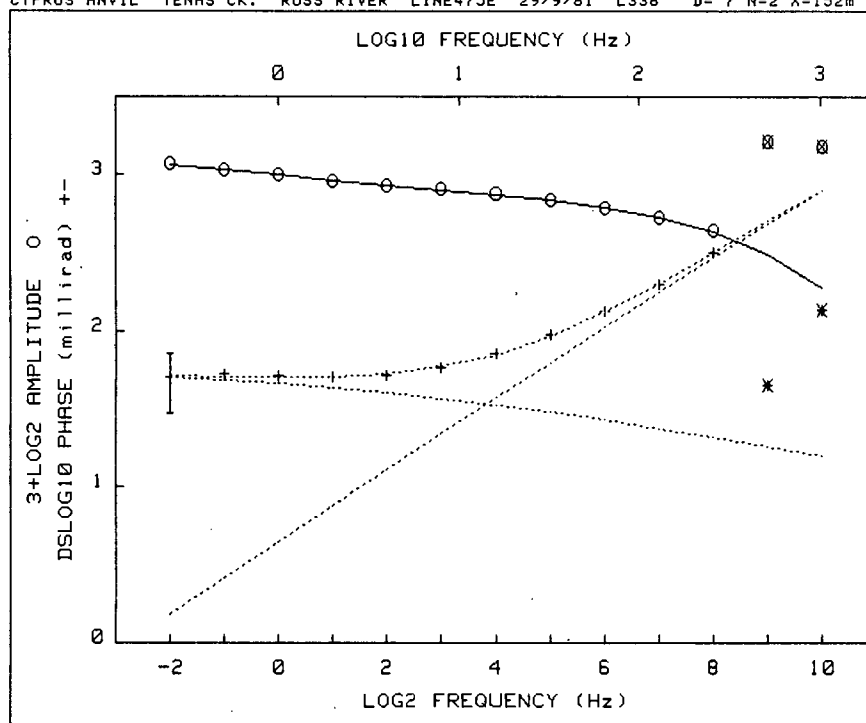
Pct Std Deviations 10.6 8.8 177.0 11.5 6.5

Correlation Matrix		1.000				
		.998	1.000			
		.996	.993	1.000		
		-.885	-.890	-.881	1.000	
		-.393	-.372	-.423	-.045	1.000

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 7 N=1 X=152m

Apparent Resistivity Measured at 1 Hz is 224.6
Apparent Resistivity Calculated from Inductive Coupling is 102.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	1.0722	1.1340	-5.8	.4	1	-221.1	-221.6	-.2	1.7	1
7	.9821	.9829	-.1	.1	1	-186.8	-181.6	2.8	.4	1
6	.9242	.9182	.6	.0	1	-96.3	-96.4	-.1	.3	1
5	.9130	.9075	.6	.0	1	-35.3	-32.9	6.7	.6	1
4	.9203	.9154	.5	.1	1	3.9	3.9	-.1	5.7	1
3	.9347	.9298	.5	.0	1	25.5	25.0	2.1	.6	1
2	.9536	.9476	.6	.1	1	38.2	37.9	.7	.3	1
1	.9760	.9680	.8	.0	1	46.8	46.9	-.1	.2	1
0	1.0000	.9911	.9	.1	1	53.3	53.7	-.8	.3	1
-1	1.0273	1.0170	1.0	.1	1	58.8	59.4	-1.0	.2	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00011	1.543	.445	2.8E+01	6.5E-05	.715
1	1.E-02	.00011	1.540	.443	2.8E+01	6.4E-05	.709
2	1.E-03	.00010	1.520	.437	2.2E+01	6.6E-05	.713
3	1.E-04	.00009	1.440	.414	9.1E+00	7.4E-05	.733
4	1.E-05	.00008	1.415	.408	6.0E+00	7.7E-05	.745
5	1.E-06	.00007	1.417	.408	6.0E+00	7.7E-05	.745

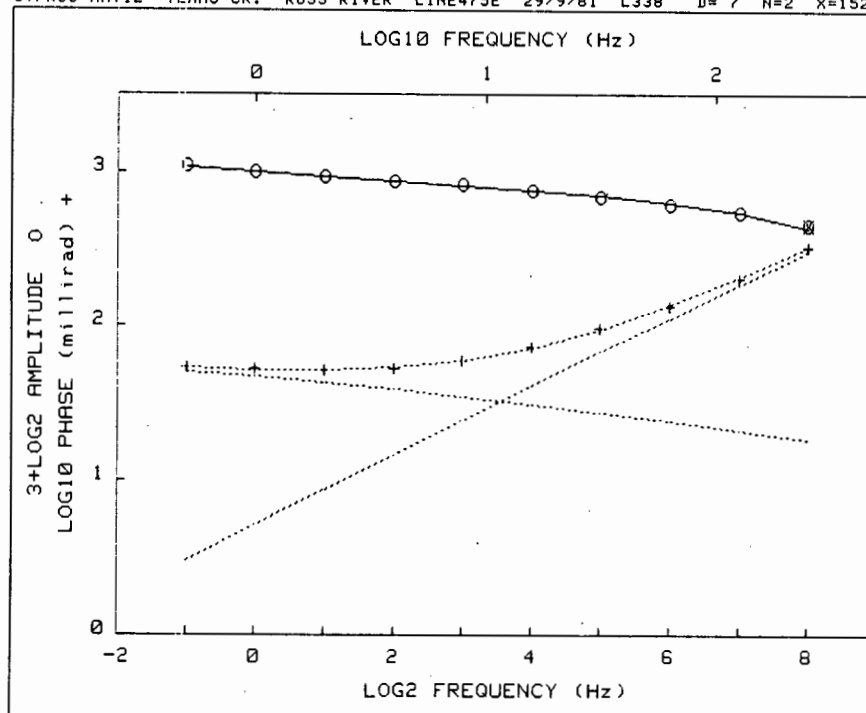
Pct Std Deviations 2.6 2.5 71.0 7.0 2.4

Correlation Matrix	1.000				
	.964	1.000			
	.985	.917	1.000		
	-.790	-.679	-.824	1.000	
	-.708	-.539	-.774	.945	1.000

Apparent Resistivity Measured at 1 Hz is 70.25

Apparent Resistivity Calculated from Inductive Coupling is 212.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-2	1.0549	1.0459	.9	.7	1	51.1	52.2	-2.2	41.5	1
-1	1.0263	1.0222	.4	.5	1	53.6	51.7	3.6	1.9	1
0	1.0000	.9997	.0	.3	1	52.0	51.2	1.5	.8	1
1	.9779	.9784	-.0	.1	1	50.8	51.6	-1.6	.2	1
2	.9559	.9580	-.2	.3	1	52.7	53.8	-2.1	.9	1
3	.9406	.9382	.3	.1	1	58.4	59.6	-2.1	1.2	1
4	.9206	.9178	.3	.1	1	72.7	71.6	1.5	2.4	1
5	.8940	.8953	-.1	.1	1	95.2	94.3	1.0	.9	1
6	.8636	.8679	-.5	.2	1	134.7	134.7	-.0	1.4	1
7	.8308	.8314	-.1	.1	1	203.3	204.5	-.6	.4	1
8	.7836	.7794	.5	.1	1	325.5	321.4	1.3	.1	1
9	1.1606	.7052	39.2	.0	0	45.9	511.8	-1015.0	1.3	0
10	1.1407	.6080	46.7	.0	0	139.0	809.5	-482.4	.1	0



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchs	R0	M1	T1	M2	T2	C2
0	1.E-02	.04444	1.379	.405	3.4E+00	.123	5.3E-04	.711
1	1.E-02	.00051	1.421	.433	3.2E+00	.288	5.6E-04	1.000
2	1.E-03	.00027	1.399	.413	3.5E+00	.442	3.2E-04	.842
3	1.E-04	.00011	1.464	.422	1.1E+01	.646	1.6E-04	.758
4	1.E-04	.00004	1.517	.440	1.9E+01	.808	9.8E-05	.738
5	1.E-04	.00003	1.553	.451	2.7E+01	.928	7.5E-05	.726
6	1.E-03	.00003	1.558	.452	2.8E+01	.936	7.3E-05	.725
7	1.E-03	.00003	1.561	.453	2.9E+01	.945	7.2E-05	.724

Pct Std Deviations 6.1 5.9 148.2 45.4 106.0 5.4

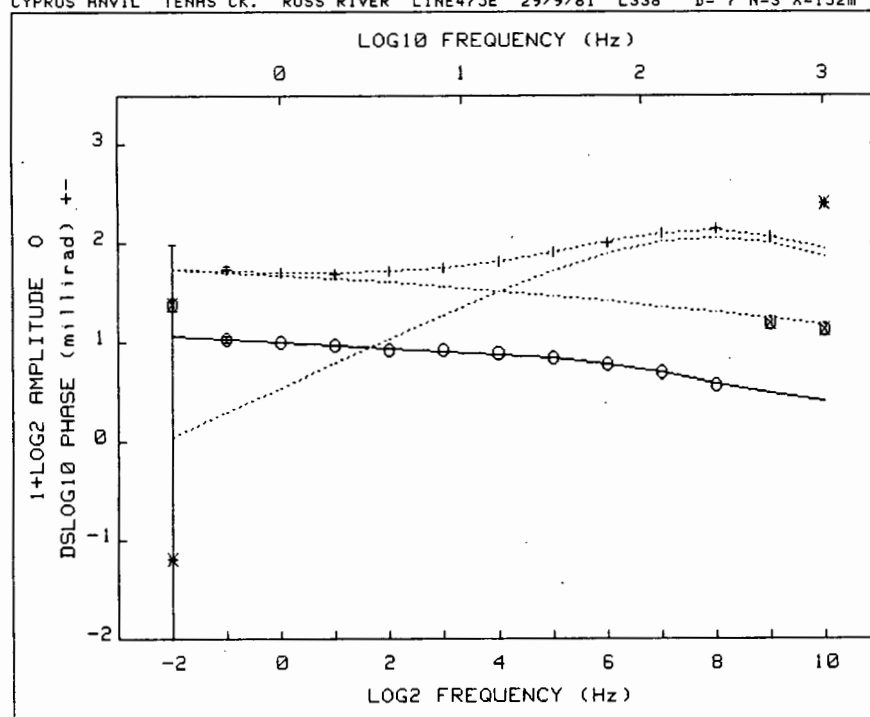
Correlation Matrix	1.000					
	.997	1.000				
	.997	.990	1.000			
	.625	.585	.663	1.000		
	-.717	-.679	-.751	-.992	1.000	
	-.834	-.798	-.865	-.926	.964	1.000

Apparent Resistivity Measured at 1 Hz is 70.25

Apparent Resistivity Calculated from Inductive Coupling is 215.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	.7836	.7773	.8	.1	0	325.5	321.6	1.2	.1	1
7	.8308	.8306	.0	.1	1	203.3	205.9	-1.3	.4	1
6	.8636	.8682	-.5	.2	1	134.7	135.9	-.9	1.4	1
5	.8940	.8961	-.2	.1	1	95.2	94.8	.4	.9	1
4	.9286	.9187	.2	.1	1	72.7	71.5	1.7	2.4	1
3	.9466	.9387	.2	.1	1	58.4	59.0	-1.1	1.2	1
2	.9559	.9580	-.2	.3	1	52.7	53.2	-1.0	.9	1
1	.9779	.9779	.0	.1	1	50.8	51.4	-1.1	.2	1
0	1.0000	.9989	.1	.3	1	52.0	51.7	.5	.8	1
-1	1.0263	1.0216	.4	.5	1	53.6	53.3	.6	1.9	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 7 N=3 X=152m



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00043	1.679	.486	7.7E+01	.169	7.1E-04	.727
1	1.E-02	.00019	1.682	.487	7.7E+01	.155	8.4E-04	.749
2	1.E-03	.00017	1.682	.488	7.2E+01	.151	8.8E-04	.770
3	1.E-04	.00016	1.618	.471	4.4E+01	.154	8.7E-04	.777
4	1.E-04	.00016	1.576	.459	3.0E+01	.156	8.7E-04	.784
5	1.E-05	.00016	1.509	.440	1.6E+01	.159	8.7E-04	.795
6	1.E-06	.00016	1.499	.437	1.4E+01	.158	8.7E-04	.800

Pct Std Deviations 9.3 9.5 322.7 4.7 5.2 4.8

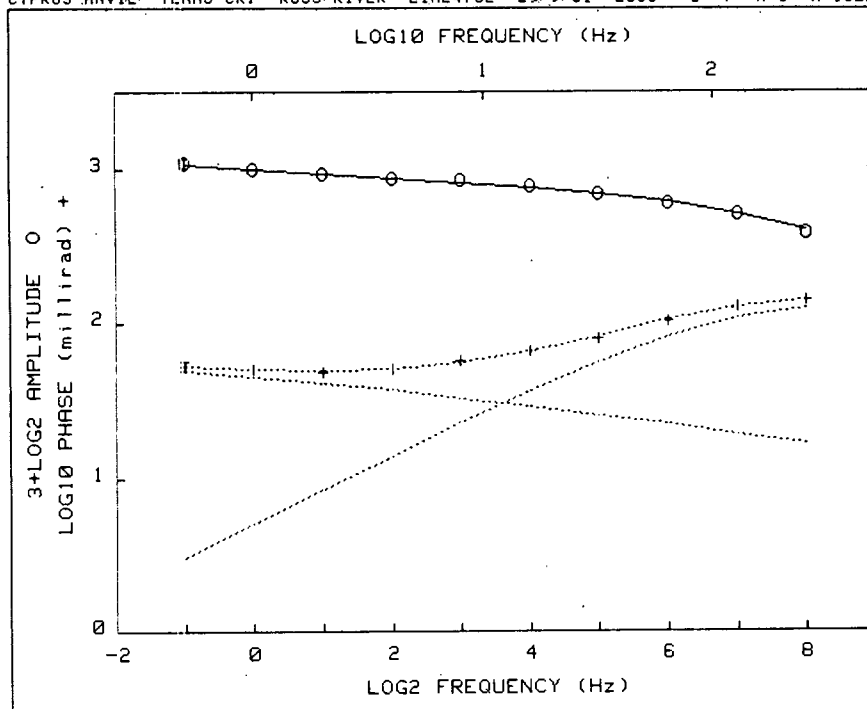
Correlation Matrix	1.000							
	.995	1.000						
	.995	.984	1.000					
	-.556	-.618	-.499	1.000				
	.107	.120	.094	-.509	1.000			
	-.713	-.658	-.751	-.123	.315	1.000		

Apparent Resistivity Measured at 1 Hz is 29.75

Apparent Resistivity Calculated from Inductive Coupling is 292.5

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 7 N=3 X=152m

F	ObsAmp	CalAmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-2	1.3025	1.0488	19.5	3.6	0	-15.4	54.6	454.4	737.7	0
-1	1.0268	1.0242	.3	1.0	1	53.8	52.9	1.7	6.9	1
0	1.0000	1.0013	-.1	1.2	1	51.2	51.4	-.3	3.1	1
1	.9799	.9801	-.0	.5	1	48.9	50.6	-3.4	2.4	1
2	.9541	.9601	-.6	1.1	1	51.6	51.6	.1	2.1	1
3	.9494	.9408	.9	.4	1	57.0	55.7	2.2	4.7	1
4	.9270	.9203	.7	.5	1	66.5	65.2	2.0	4.1	1
5	.8937	.8955	-.2	.2	1	80.0	81.9	-2.3	2.0	1
6	.8575	.8611	-.4	.6	1	102.8	105.6	-2.7	4.4	1
7	.8124	.8125	-.0	.4	1	126.0	128.5	-2.0	2.9	1
8	.7474	.7551	-1.0	.2	1	141.3	134.9	4.6	.2	1
9	1.1479	.7047	38.6	.0	0	115.3	117.8	-2.2	.2	1
10	1.0957	.6708	38.8	.0	0	249.8	89.1	64.3	.1	0



CRL: Number of dispersions= 2
C1=.25 fixed

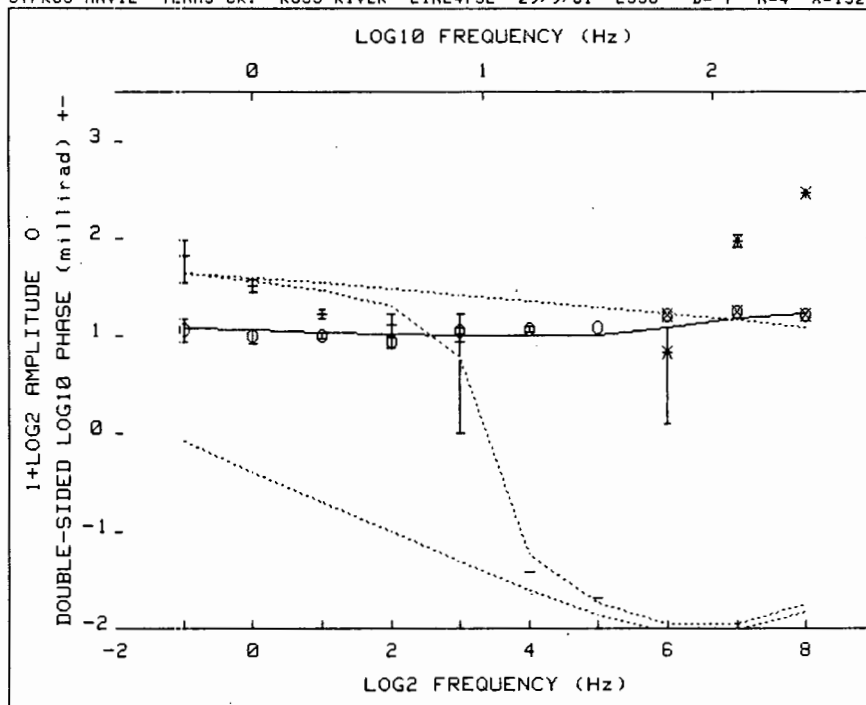
Iter	Lambca	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.01540	1.561	.453	2.9E+01	.945	7.2E-05	.724
1	1.E-02	.00164	1.522	.425	2.9E+01	.487	5.2E-05	.541
2	1.E-03	.00070	1.527	.419	4.2E+01	.386	9.7E-05	.492
3	1.E-03	.00043	1.568	.440	5.2E+01	.314	2.0E-04	.552
4	1.E-03	.00027	1.610	.460	5.9E+01	.223	4.5E-04	.629
5	1.E-04	.00025	1.651	.482	5.8E+01	.158	8.7E-04	.754
6	1.E-05	.00011	1.682	.486	8.0E+01	.168	7.2E-04	.725
7	1.E-06	.00010	1.679	.486	7.7E+01	.169	7.1E-04	.727

Pct Std Deviations 17.3 16.1 649.7 9.8 13.9 6.8

Correlation Matrix	1.000					
	.999	1.000				
	.998	.995	1.000			
	-.726	-.746	-.697	1.000		
	-.436	-.418	-.462	-.261	1.000	
	-.788	-.768	-.813	.172	.821	1.000

Apparent Resistivity Measured at 1 Hz is 29.75
Apparent Resistivity Calculated from Inductive Coupling is 231.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	.7474	.7582	-1.4	.2	1	141.3	140.0	1.0	.2	1
7	.8124	.8135	-.1	.4	1	126.0	127.6	-1.3	2.9	1
6	.8575	.8596	-.2	.6	1	102.8	104.7	-1.8	4.4	1
5	.8937	.8937	-.0	.2	1	80.0	82.3	-2.9	2.0	1
4	.9270	.9192	.8	.5	1	66.5	66.0	.8	4.1	1
3	.9454	.9402	1.0	.4	1	57.0	56.1	1.5	4.7	1
2	.9541	.9595	-.6	1.1	1	51.6	51.4	.4	2.1	1
1	.9759	.9790	.1	.5	1	48.9	50.2	-2.6	2.4	1
0	1.0000	.9997	.0	1.2	1	51.2	51.2	.1	3.1	1
-1	1.0268	1.0223	.4	1.8	1	53.8	53.4	.7	6.9	1



CRL: Number of dispersions= 2 Negative.
C1=.25 C2=1 fixed

Iter	Lambca	Rchsq	R0	M1	T1	M2	T2
0	1.E-02	.02386	2.133	.563	1.1E+03	.111	1.7E-03
1	1.E-02	.02383	2.140	.564	1.2E+03	.113	1.7E-03

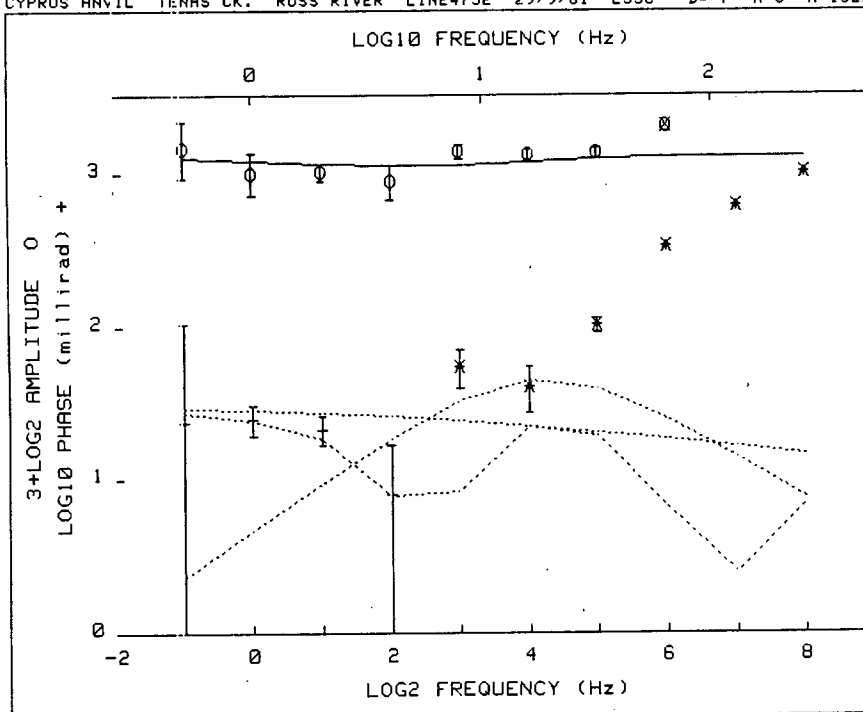
Pct Std Deviations 942.1 501.2 999.9 662.7 634.6

Correlation Matrix

1.000				
1.000	1.000			
.999	.999	1.000		
-.723	-.728	-.712	1.000	
-.615	-.609	-.630	-.096	1.000

Apparent Resistivity Measured at 1 Hz is 39.50
Apparent Resistivity Calculated from Inductive Coupling is 729.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	1.1638	1.1775	-1.2	.3	0	286.4	-56.3	119.7	.3	0
7	1.1846	1.1297	4.6	.5	0	92.6	-89.7	196.9	14.9	0
6	1.1531	1.0555	8.5	1.0	0	6.8	-91.0	999.0	81.9	0
5	1.0661	1.0088	5.4	1.6	1	-49.5	-53.9	-8.8	27.7	1
4	1.0511	.9981	5.0	2.1	1	-26.5	-17.3	34.7	44.2	1
3	1.0424	1.0033	3.7	2.3	1	8.6	6.0	29.7	98.8	1
2	.9576	1.0144	-5.9	4.4	1	13.3	20.3	-52.4	26.3	1
1	1.0082	1.0286	-2.0	2.3	1	17.0	29.8	-75.0	11.2	1
0	1.0080	1.0452	-4.5	5.2	1	33.0	37.0	-12.2	14.2	1
-1	1.0484	1.0646	-1.5	8.2	1	65.6	43.3	33.9	47.0	1



CRL: Number of dispersions= 2 Negative.
C1=.25 C2=1 fixed

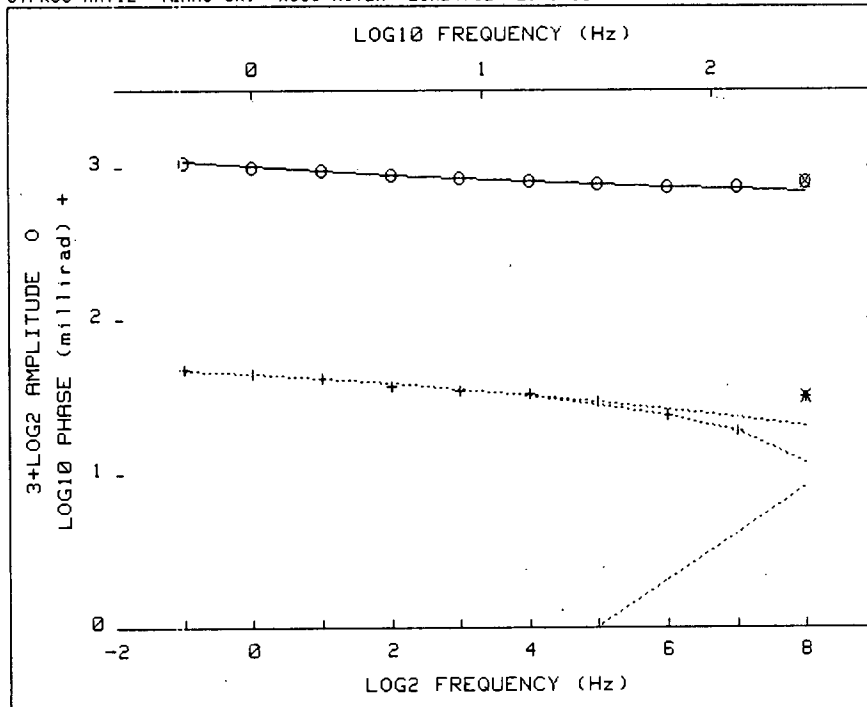
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2
0	1.E-02	4.74203	1.803	.461	5.6E+02	.117	1.1E-03
1	1.E-02	.26887	1.150	.378	3.9E+02	.182	1.8E-03
2	1.E-03	.00880	1.583	.384	2.2E+02	.079	4.4E-03
3	1.E-03	.00865	1.516	.362	1.2E+02	.041	9.3E-03
4	1.E-03	.00843	1.466	.348	6.6E+01	.066	6.0E-03
5	1.E-03	.00824	1.414	.320	3.3E+01	.052	8.6E-03
6	1.E-03	.00804	1.369	.300	1.6E+01	.071	6.6E-03
7	1.E-03	.00782	1.329	.283	7.4E+00	.062	8.4E-03
8	1.E-03	.00759	1.294	.269	3.4E+00	.078	7.1E-03
9	1.E-03	.00736	1.266	.261	1.5E+00	.073	8.4E-03

Pct Std Deviations 39.9 77.1 999.9 864.8 999.9

Correlation Matrix		1.000					
		.990	1.000				
		.995	.981	1.000			
		-.057	-.092	-.045	1.000		
		-.404	-.357	-.422	-.883	1.000	

Apparent Resistivity Measured at 1 Hz is 64.99
Apparent Resistivity Calculated from Inductive Coupling is 443.9

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	2.3855	1.0674	55.3	.2	0	992.7	6.8	99.3	.4	0
7	1.5571	1.0725	31.1	.6	0	607.2	2.5	99.6	3.8	0
6	1.2267	1.0745	12.6	1.5	0	331.0	6.6	98.0	4.3	0
5	1.0902	1.0665	2.2	2.3	1	102.4	19.1	81.4	11.2	0
4	1.0827	1.0460	3.4	2.2	1	40.9	22.2	45.8	33.0	0
3	1.0950	1.0316	6.1	3.3	1	54.9	8.3	84.9	28.4	0
2	.9624	1.0330	-7.3	7.8	1	7.9	7.8	1.6	108.9	1
1	1.0033	1.0426	-3.9	4.0	1	21.2	18.2	14.0	22.2	1
0	1.0000	1.0553	-5.5	9.5	1	24.9	24.1	3.1	23.7	1
-1	1.1177	1.0691	4.3	12.3	1	23.5	27.3	-16.1	348.9	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00375	1.290	.377	5.0E-01	8.2E-06
1	1.E-02	.00055	1.261	.344	6.9E-01	7.8E-06
2	1.E-03	.00024	1.317	.362	2.1E+00	5.2E-06
3	1.E-04	.00013	1.373	.385	4.6E+00	3.7E-06
4	1.E-05	.00012	1.388	.390	5.2E+00	3.4E-06
5	1.E-06	.00012	1.388	.390	5.2E+00	3.4E-06

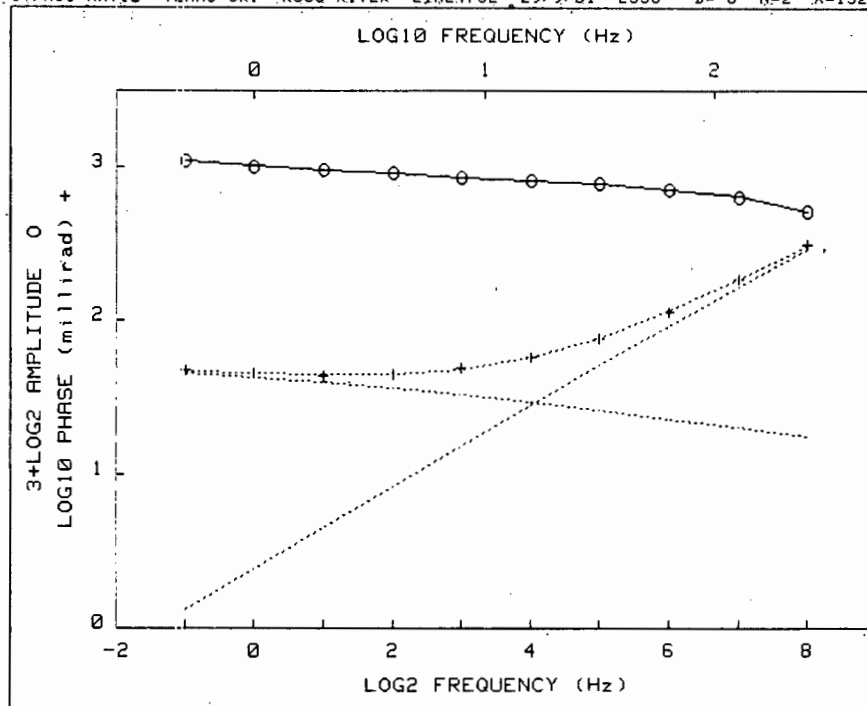
Pct Std Deviations 1.9 2.6 37.5 22.1

Correlation Matrix

1.000			
.986	1.000		
.978	.965	1.000	
-.699	-.652	-.775	1.000

Apparent Resistivity Measured at 1 Hz is 221.2
Apparent Resistivity Calculated from Inductive Coupling is 5160

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	.9262	.8948	3.6	.1	0	31.0	11.7	62.1	1.9	0
7	.9121	.9032	1.0	.0	1	18.7	18.8	-.4	1.2	1
6	.9143	.9129	.1	.0	1	23.6	23.9	-1.2	2.3	1
5	.9257	.9240	-.0	.0	1	29.4	28.1	4.5	.7	1
4	.9353	.9366	-.1	.0	1	33.1	31.9	3.7	1.2	1
3	.9456	.9508	-.1	.0	1	34.2	35.4	-3.5	.7	1
2	.9654	.9667	-.1	.1	1	37.3	38.7	-3.8	.5	1
1	.9828	.9843	-.2	.1	1	41.1	41.7	-1.5	.5	1
0	1.0000	1.0035	-.3	.1	1	44.3	44.3	-.1	.3	1
-1	1.0223	1.0242	-.2	.2	1	47.9	46.5	3.0	.6	1



CRL: Number of dispersions= 2
C1=.25 fixed

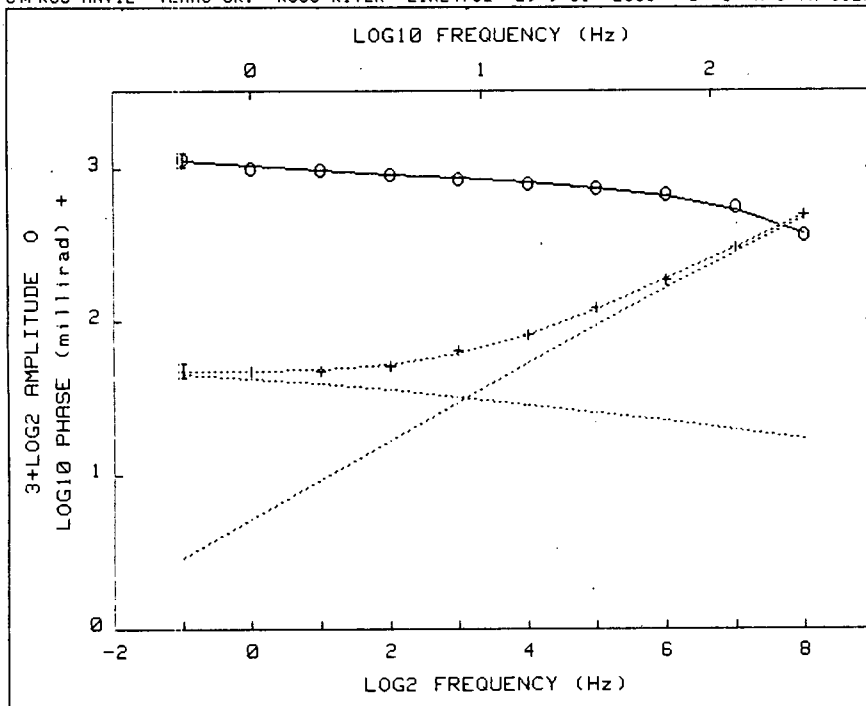
Iter	Lambca	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00002	1.483	.415	2.0E+01	.705	1.4E-04	.847
1	1.E-02	.00002	1.481	.414	2.0E+01	.690	1.4E-04	.843
2	1.E-03	.00001	1.483	.416	2.0E+01	.643	1.6E-04	.851
3	1.E-04	.00001	1.476	.413	1.8E+01	.614	1.7E-04	.859
4	1.E-05	.00001	1.467	.411	1.6E+01	.611	1.7E-04	.862
5	1.E-06	.00001	1.466	.410	1.6E+01	.611	1.7E-04	.862

Pct Std Deviations 1.9 2.3 38.2 4.6 8.3 1.2

Correlation Matrix	1.000					
	.996	1.000				
	.995	.986	1.000			
	.213	.184	.263	1.000		
	-.539	-.510	-.581	-.929	1.000	
	-.741	-.702	-.780	-.689	.888	1.000

Apparent Resistivity Measured at 1 Hz is 344.6
Apparent Resistivity Calculated from Inductive Coupling is 269.7

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	.8154	.8159	-.1	.1	1	307.8	305.8	.7	.0	1
7	.8781	.8705	-.8	.0	1	184.7	185.4	-.4	.1	1
6	.8958	.9010	-.1	.2	1	114.5	115.2	-.6	1.6	1
5	.9227	.9212	.2	.1	1	76.5	76.8	-.4	.7	1
4	.9388	.9375	.1	.1	1	57.1	57.1	.1	.7	1
3	.9532	.9529	.0	.1	1	48.5	47.8	1.4	1.3	1
2	.9656	.9689	.1	.3	1	44.3	44.4	-.2	.8	1
1	.9875	.9860	.2	.3	1	43.7	44.1	-.8	.2	1
0	1.0000	1.0047	-.5	.6	1	45.1	45.3	-.5	.9	1
-1	1.0266	1.0251	.2	1.2	1	47.5	47.2	.7	4.0	1



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.01740	1.466	.410	1.6E+01	.611	1.7E-04	.862
1	1.E-02	.00042	1.473	.410	1.6E+01	.775	2.2E-04	.779
2	1.E-03	.00007	1.471	.408	1.6E+01	.754	2.4E-04	.821
3	1.E-04	.00007	1.469	.406	1.6E+01	.746	2.5E-04	.822

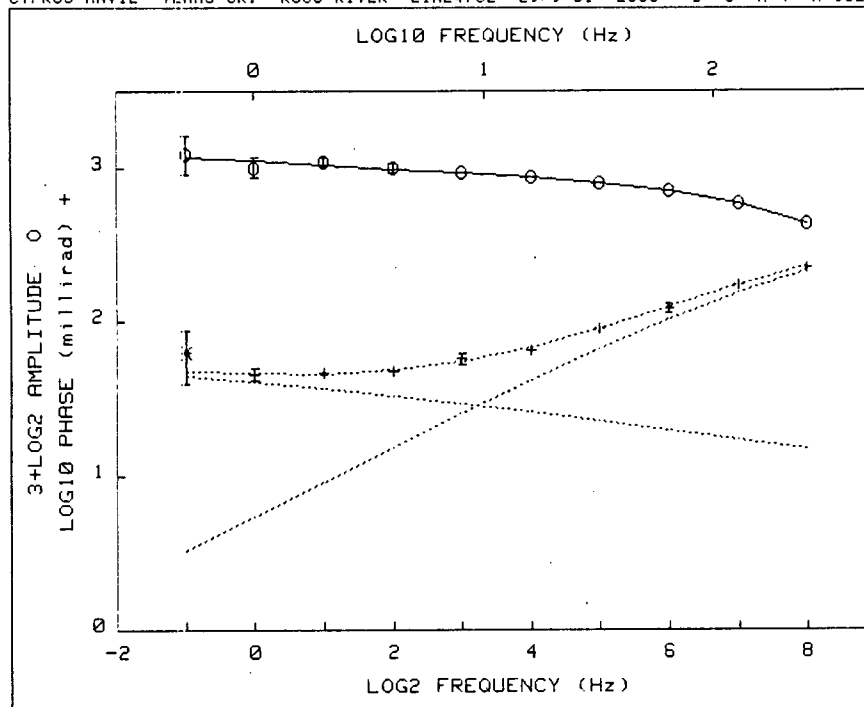
Pct Std Deviations	6.1	7.1	181.2	5.8	11.7	2.5
--------------------	-----	-----	-------	-----	------	-----

Correlation Matrix	1.000					
	.996	1.000				
	.996	.987	1.000			
	-.269	-.308	-.221	1.000		
	-.576	-.540	-.614	-.614	1.000	
	-.766	-.722	-.800	-.295	.901	1.000

Apparent Resistivity Measured at 1 Hz is 134.1
Apparent Resistivity Calculated from Inductive Coupling is 241.3

F	ObsRmp	CalRmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	.7353	.7411	-.2	.1	1	490.6	492.2	-.3	.1	1
7	.8351	.8284	.8	.2	1	303.7	304.4	-.2	.2	1
6	.8829	.8803	.3	.8	1	186.3	187.7	-.8	2.4	1
5	.9115	.9127	-.1	.3	1	121.1	119.8	1.1	.9	1
4	.9328	.9358	-.3	.3	1	82.2	82.1	.2	1.3	1
3	.9524	.9549	-.3	.2	1	64.0	62.1	2.9	2.2	1
2	.9727	.9729	-.0	.8	1	51.2	52.4	-2.4	.8	1
1	.9900	.9911	-.1	.7	1	48.3	48.5	-.4	1.5	1
0	1.0000	1.0104	-1.0	1.6	1	47.8	47.6	.4	3.0	1
-1	1.0417	1.0310	1.0	3.2	1	48.2	48.2	-.1	10.2	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 8 N=4 X=152m



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsqr	R0	M1	T1	M2	T2	C2
0	1.E-02	.01968	1.469	.406	1.6E+01	.746	2.5E-04	.022
1	1.E-02	.00060	1.479	.389	1.6E+01	.511	1.7E-04	.705
2	1.E-03	.00033	1.475	.388	1.7E+01	.399	2.6E-04	.695
3	1.E-04	.00030	1.506	.404	2.0E+01	.332	3.0E-04	.744
4	1.E-05	.00029	1.559	.421	3.5E+01	.333	3.6E-04	.733
5	1.E-06	.00029	1.612	.438	5.7E+01	.328	3.5E-04	.727

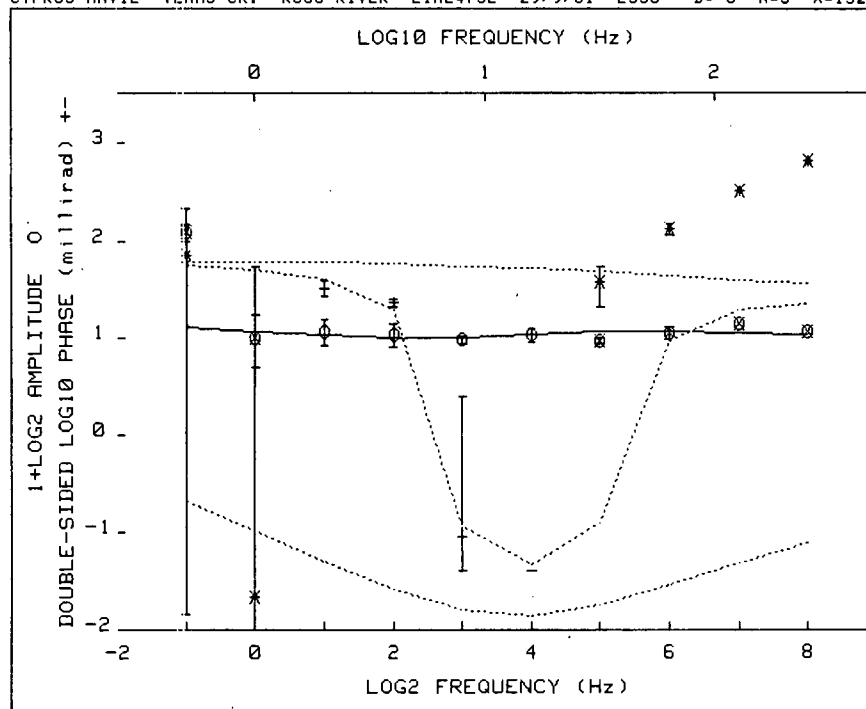
Pct Std Deviations 37.2 46.3 999.9 23.2 44.4 11.7

Correlation Matrix	1.000							
	.999	1.000						
	.998	.996	1.000					
	-.659	-.677	-.630	1.000				
	-.576	-.557	-.602	-.228	1.000			
	-.016	-.797	-.040	.138	.897	1.000		

Apparent Resistivity Measured at 1 Hz is 54.56
Apparent Resistivity Calculated from Inductive Coupling is 399.9

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 8 N=4 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	.7754	.7737	.2	.1	1	223.6	226.1	-1.1	.0	1
7	.8508	.8463	.5	.4	1	174.4	171.3	1.8	.3	1
6	.8958	.8966	-.1	1.2	1	121.9	123.5	-1.3	6.1	1
5	.9306	.9306	-.0	.4	1	90.6	89.1	1.7	2.6	1
4	.9573	.9553	.2	.7	1	64.8	67.2	-3.7	3.1	1
3	.9771	.9753	.2	.6	1	57.1	54.7	4.3	7.2	1
2	1.0006	.9936	.7	2.0	1	47.2	48.4	-2.4	2.8	1
1	1.0209	1.0119	1.5	1.9	1	46.8	46.1	1.6	3.0	1
0	1.0000	1.0311	-3.1	4.5	1	46.0	46.2	-.4	9.8	1
-1	1.0625	1.0518	1.0	8.7	1	63.9	47.7	25.4	37.4	0



CRL: Number of dispersions= 2 Negative.
 T1=1 C1=.25 C2=1 fixed

Iter	Lambca	Rchsqr	R0	M1	M2	T2
0	1.E-02	8.02872	1.100	.900	.800	2.9E-04
1	1.E-01	7.38843	.323	.250	1.000	2.1E-03
2	1.E-02	1.52561	.722	.012	.490	2.0E-04
3	1.E-01	.81388	1.041	.068	.454	1.8E-04
4	1.E-02	.20976	1.125	.173	1.000	4.4E-04
5	1.E-03	.06132	1.262	.309	.818	6.9E-04
6	1.E-03	.03784	1.344	.343	.272	2.4E-03
7	1.E-02	.02585	1.366	.369	.120	6.1E-03
8	1.E-01	.01059	1.408	.411	.107	8.3E-03
9	1.E-02	.00827	1.474	.466	.098	1.1E-02

Pct Std Deviations 5.1 11.2 12.1 23.9

Correlation Matrix

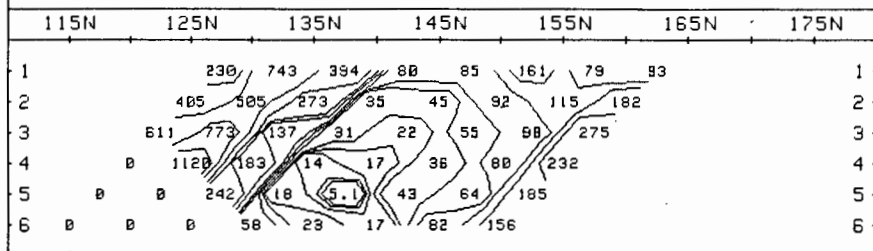
1.000			
.776	1.000		
.017	-.041	1.000	
.437	.618	-.785	1.000

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE475E 29/9/81 L338 D= 8 N=5 X=152m

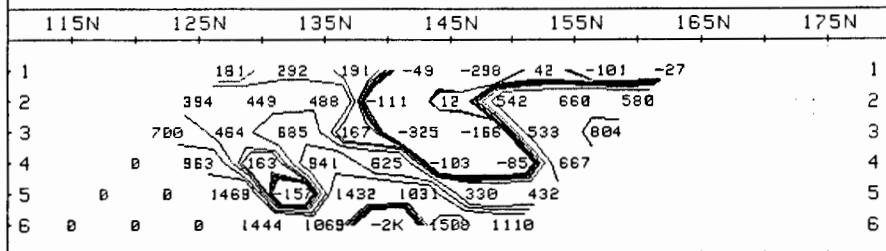
Apparent Resistivity Measured at 1 Hz is 50.54
 Apparent Resistivity Calculated from Inductive Coupling is 176.6

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
8	1.0452	1.0215	2.6	.4	0	630.4	23.1	96.3	.6	0
7	1.1029	1.0347	6.2	1.4	0	320.8	19.3	94.8	3.9	0
6	1.0361	1.0462	-.8	4.3	0	129.7	9.4	92.8	13.1	0
5	.9856	1.0481	-6.6	2.4	0	38.0	-8.2	121.6	45.3	0
4	1.0246	1.0295	-.5	5.0	1	-24.9	-22.0	11.8	86.3	1
3	.9915	1.0058	-1.4	2.9	1	-11.3	-8.6	23.9	122.1	1
2	1.0226	1.0062	1.6	8.6	1	23.5	19.6	16.7	9.0	1
1	1.0470	1.0257	2.0	8.9	1	32.9	40.4	-22.7	17.7	1
0	1.0000	1.0526	-5.3	19.1	0	-46.9	51.7	210.2	218.6	0
-1	2.11E7	1.0821	48.9	6.3	0	71.0	57.1	19.6	200.3	0

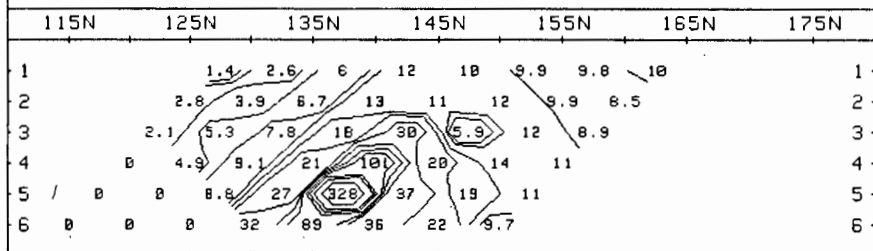
PHOENIX SPECTRAL I.P. RESISTIVITY (ohm-m) AT 1 HZ
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339



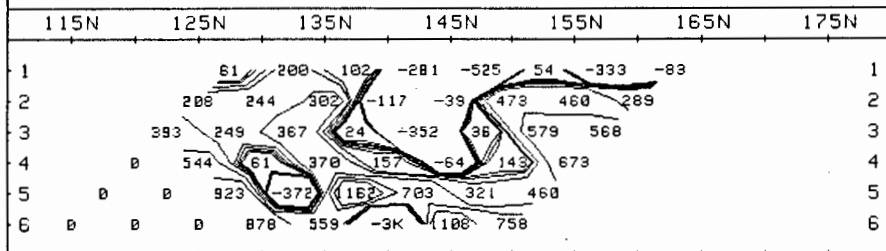
PHOENIX SPECTRAL I.P. PHASE (mrad) AT 1024 HZ
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339



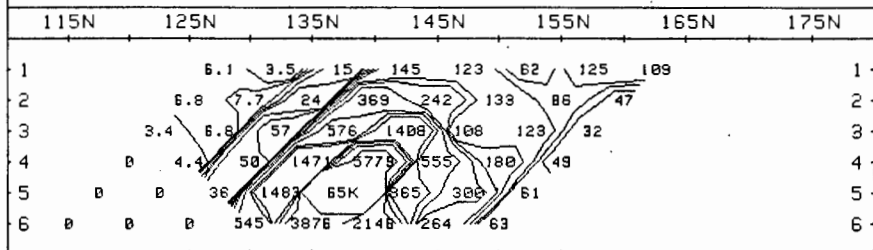
PHOENIX SPECTRAL I.P. PFE (.25-4 Hz)
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339



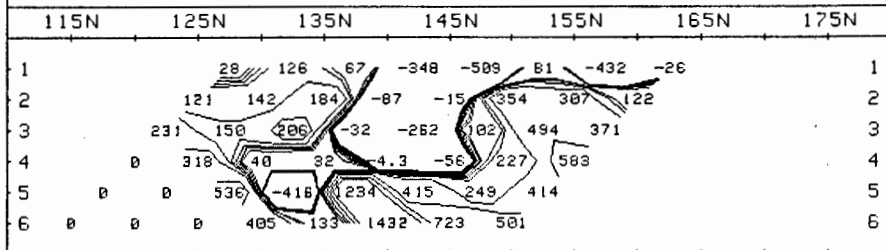
PHOENIX SPECTRAL I.P. PHASE (mrad) AT 512 HZ
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339



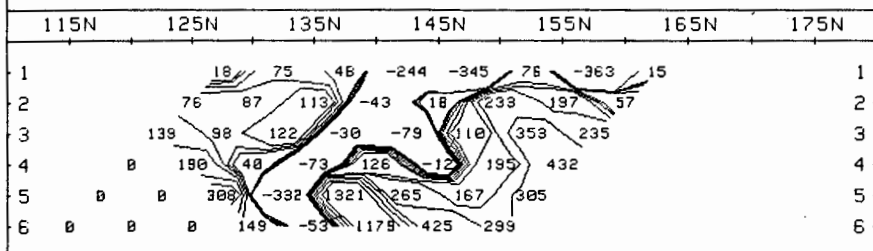
PHOENIX SPECTRAL I.P. Metal Factor (1Hz)
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339



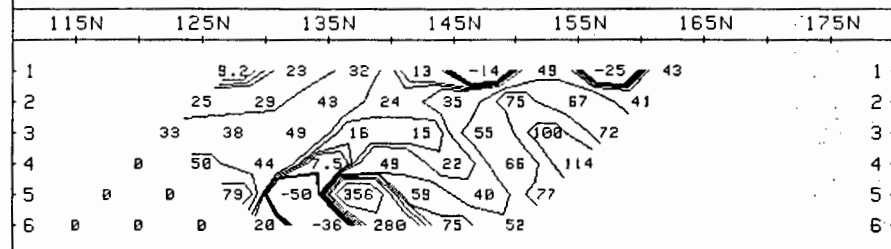
PHOENIX SPECTRAL I.P. PHASE (mrad) AT 256 HZ
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339



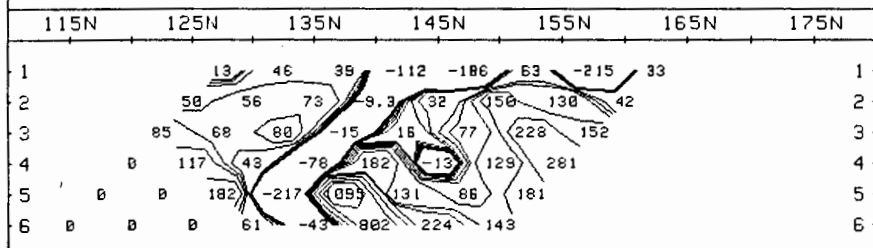
PHOENIX SPECTRAL I.P. PHASE (mrad) AT 128 HZ
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339



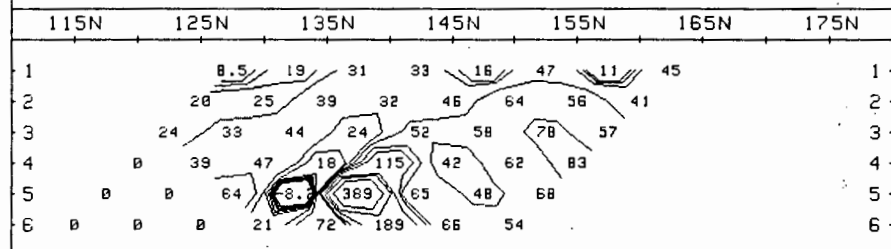
PHOENIX SPECTRAL I.P. PHASE (mrad) AT 16 HZ
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339



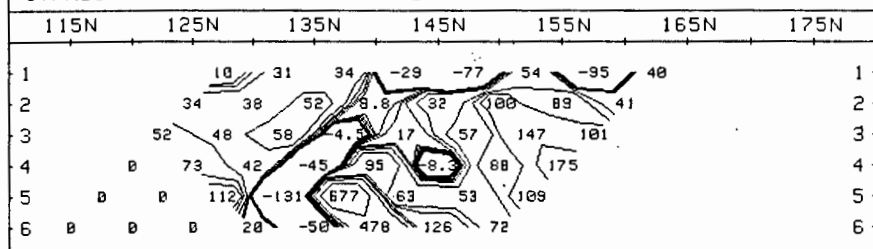
PHOENIX SPECTRAL I.P. PHASE (mrad) AT 64 HZ
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339



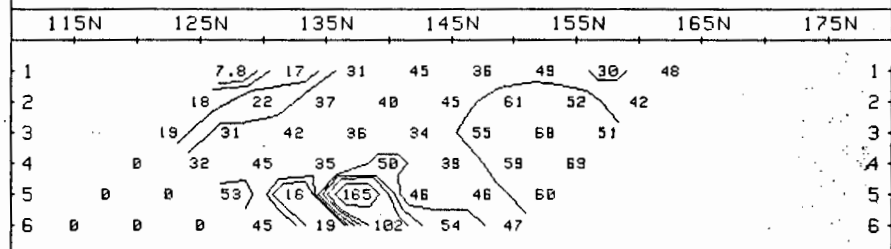
PHOENIX SPECTRAL I.P. PHASE (mrad) AT 8 HZ
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339

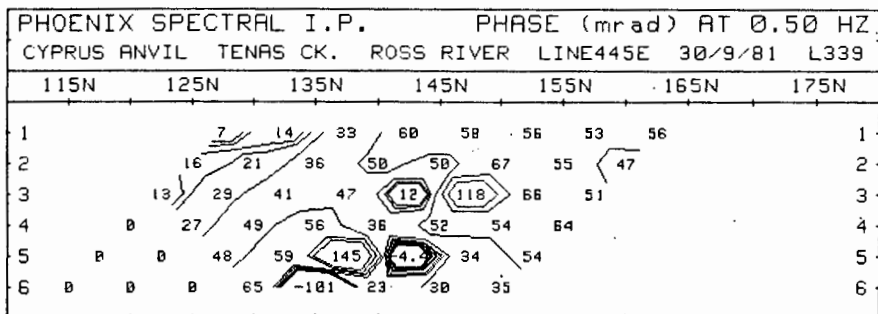
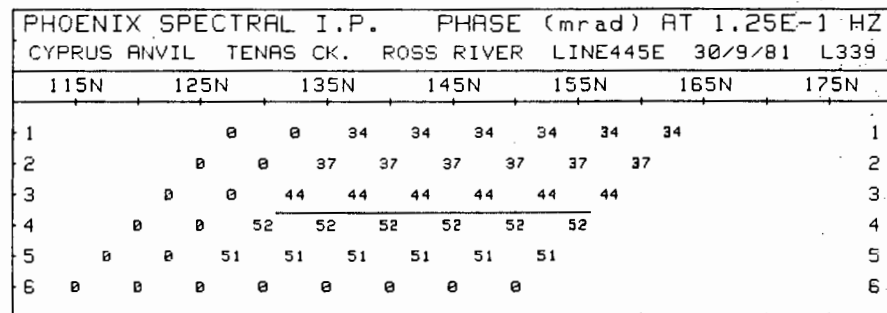
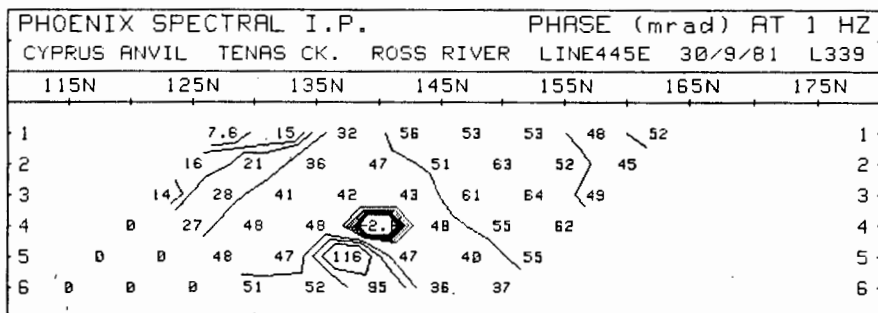
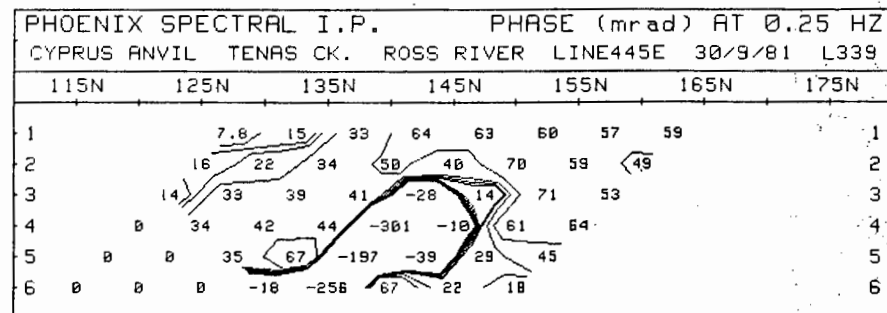
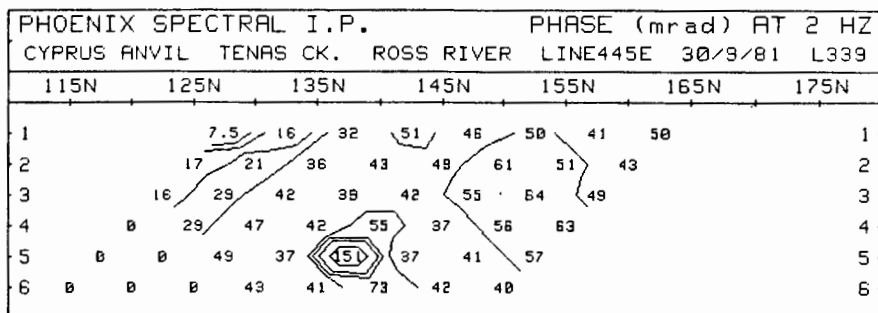


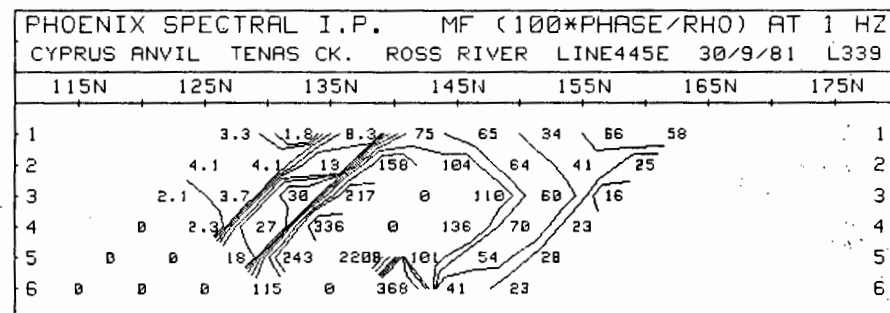
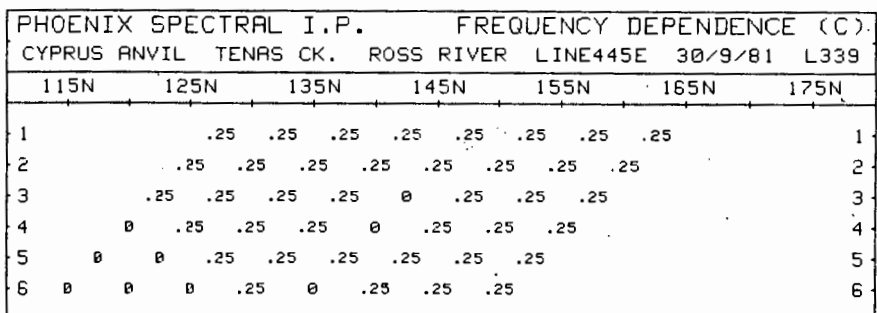
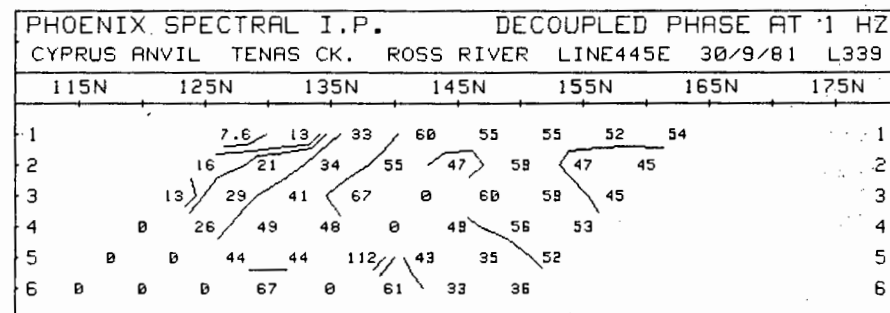
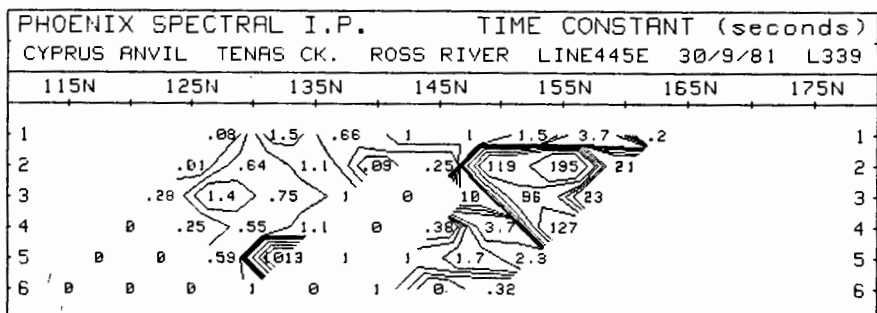
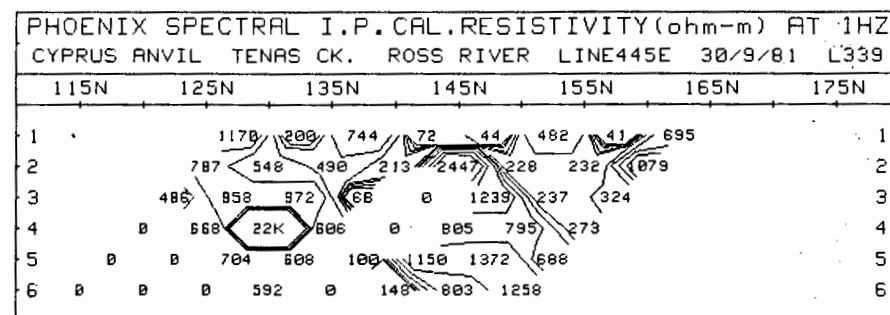
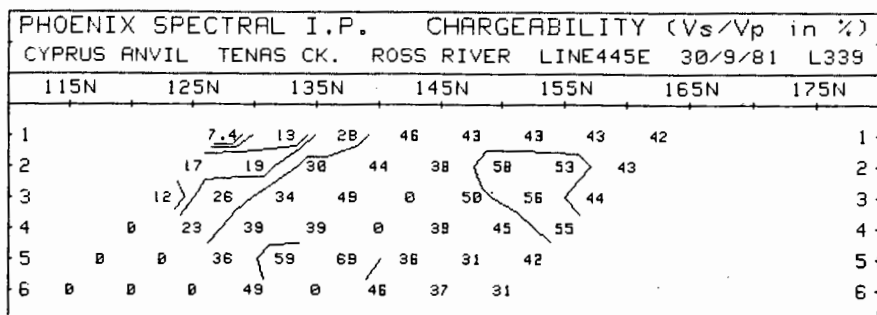
PHOENIX SPECTRAL I.P. PHASE (mrad) AT 32 HZ
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339

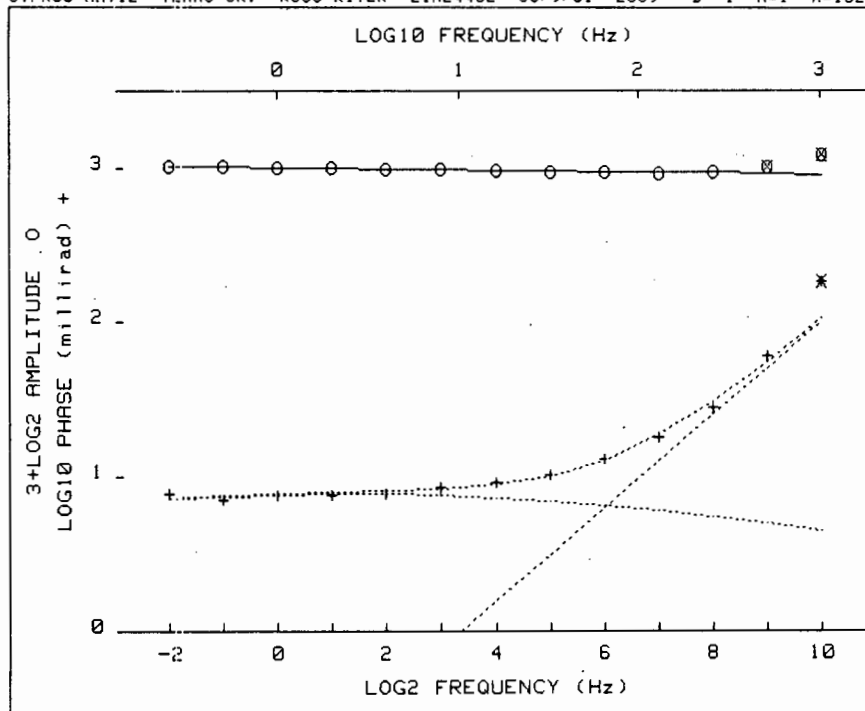


PHOENIX SPECTRAL I.P. PHASE (mrad) AT 4 HZ
CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339









CRL: Number of dispersions= 2
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00417	1.034	.075	8.6E-02	2.2E-05
1	1.E-02	.00039	1.035	.075	8.4E-02	1.5E-05
2	1.E-03	.00038	1.034	.074	8.3E-02	1.5E-05
3	1.E-04	.00038	1.034	.074	8.2E-02	1.5E-05

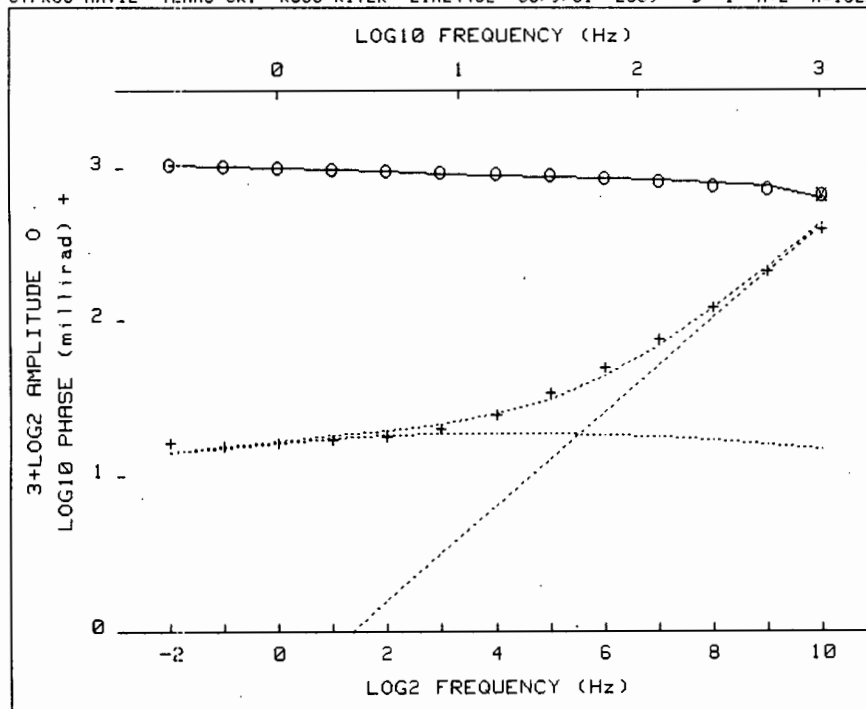
Pct Std Deviations .4 1.7 45.2 3.6

Correlation Matrix

	1.000
	.137 1.000
	.364 -.094 1.000
	.131 -.335 .496 1.000

Apparent Resistivity Measured at 1 Hz is 230.3
Apparent Resistivity Calculated from Inductive Coupling is 1170

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0541	.9662	8.3	.0	0	100.5	105.7	41.5	.2	0
9	1.0004	.9712	2.9	.0	0	60.8	55.6	8.6	.2	1
8	.9773	.9742	.3	.0	1	27.9	30.7	-10.1	.4	1
7	.9741	.9768	-.3	.0	1	17.9	18.6	-3.8	1.2	1
6	.9778	.9795	-.2	.0	1	12.9	12.7	1.3	2.8	1
5	.9806	.9824	-.2	.0	1	10.3	10.0	2.8	2.7	1
4	.9851	.9856	-.0	.0	1	9.2	8.8	4.4	1.5	1
3	.9866	.9889	-.0	.0	1	8.5	8.3	2.6	2.6	1
2	.9927	.9922	.0	.0	1	7.8	8.0	-3.1	2.6	1
1	.9965	.9957	.1	.0	1	7.5	7.9	-5.1	1.9	1
0	1.0000	.9992	.1	.0	1	7.6	7.7	-1.4	1.3	1
-1	1.0037	1.0026	.1	.0	1	7.0	7.5	-6.6	.0	1
-2	1.0066	1.0059	.1	.0	1	7.8	7.1	8.4	2.9	1



CRL: Number of dispersions= 2
C1=.25 Mz=1 C2=1 fixed

Iter	Lambca	Rchsq	R0	M1	T1	T2
0	1.E-02	.07616	1.030	.124	8.2E-02	1.5E-05
1	1.E-02	.00102	1.067	.171	3.7E-02	6.0E-05
2	1.E-03	.00073	1.061	.167	1.9E-02	5.9E-05
3	1.E-04	.00071	1.059	.172	1.3E-02	5.8E-05
4	1.E-05	.00071	1.059	.173	1.2E-02	5.8E-05

Pct Std Deviations .6 4.5 76.8 4.1

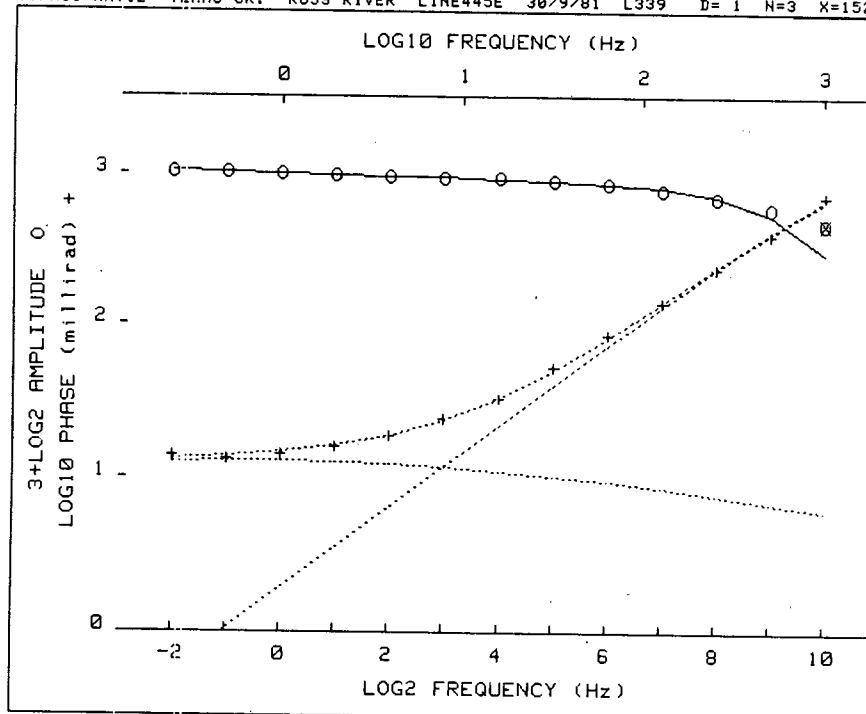
Correlation Matrix

1.000			
-.216	1.000		
.455	-.851	1.000	
.133	-.593	.497	1.000

Apparent Resistivity Measured at 1 Hz is 404.9
Apparent Resistivity Calculated from Inductive Coupling is 787.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8758	.8703	1.1	.0	0	393.9	424.5	-7.8	.0	1
9	.9041	.9151	-1.2	.0	1	208.0	225.2	-8.3	.0	1
8	.9153	.9318	-1.4	.0	1	121.2	121.6	-.3	.1	1
7	.9359	.9413	-.6	.0	1	75.6	69.8	7.6	.0	1
6	.9505	.9494	.1	.1	1	49.7	44.2	11.0	3.4	1
5	.9629	.9574	.6	.0	1	34.1	31.6	7.4	1.2	1
4	.9723	.9655	.7	.0	1	25.0	25.2	-.8	1.3	1
3	.9762	.9737	.5	.0	1	20.3	21.8	-7.2	2.0	1
2	.9848	.9818	.3	.0	1	18.1	19.7	-8.7	1.7	1
1	.9918	.9897	.2	.0	1	16.9	18.1	-7.4	.0	1
0	1.0000	.9972	.3	.0	1	16.2	16.8	-3.7	.6	1
-1	1.0001	1.0043	-.4	.0	1	15.5	15.5	-.0	.0	1
-2	1.0120	1.0109	.1	.1	1	16.2	14.2	12.4	1.4	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339 D= 1 N=3 X=152m



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.02656	1.090	.131	1.5E+00	3.5E-05	.769
1	1.E-02	.00099	1.085	.122	1.5E+00	1.1E-04	.803
2	1.E-03	.00032	1.084	.124	1.1E+00	1.1E-04	.851
3	1.E-04	.00029	1.074	.120	4.7E-01	1.1E-04	.862
4	1.E-05	.00029	1.071	.121	3.1E-01	1.1E-04	.867
5	1.E-06	.00028	1.070	.121	2.8E-01	1.1E-04	.868

Pct Std Deviations .8 2.3 124.8 3.1 1.6

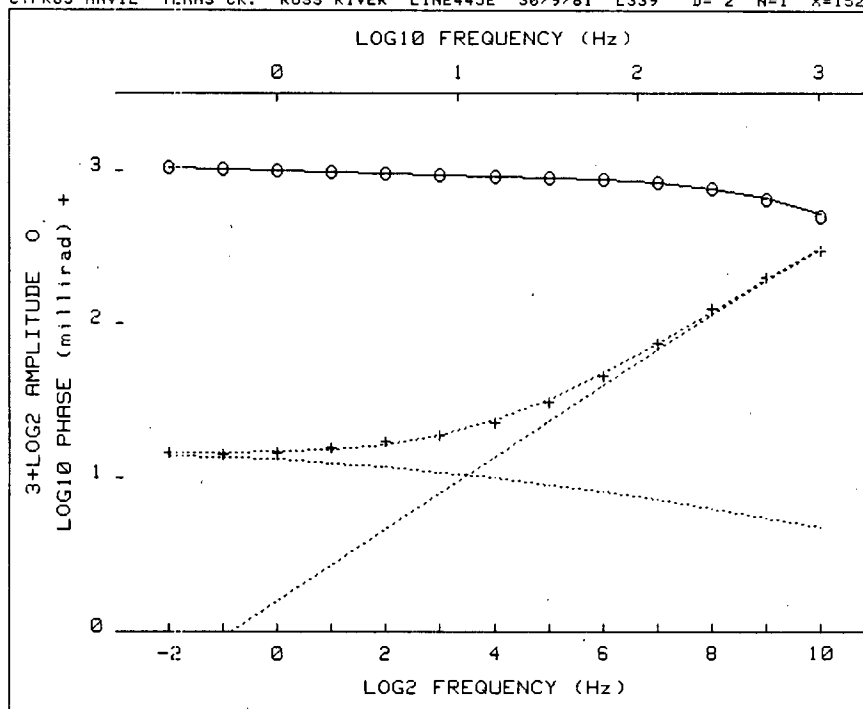
Correlation Matrix

1.000				
-.015	1.000			
-.872	-.199	1.000		
-.244	.104	-.239	1.000	
-.605	.486	-.676	.658	1.000

Apparent Resistivity Measured at 1 Hz is 611.4
Apparent Resistivity Calculated from Inductive Coupling is 486.3

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339 D= 1 N=3 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7941	.5928	12.8	.0	0	699.9	661.8	5.4	.0	1
9	.8500	.8248	3.0	.0	1	392.7	409.3	-4.2	.0	1
8	.8917	.8973	-.6	.0	1	231.4	240.3	-3.9	.0	1
7	.9245	.9339	-1.0	.1	1	139.3	139.0	.2	.1	1
6	.9475	.9535	-.6	.1	1	85.0	81.5	4.1	2.2	1
5	.9639	.9655	-.2	.0	1	51.9	49.9	3.9	.9	1
4	.9747	.9740	.1	.0	1	32.9	32.7	.6	1.3	1
3	.9800	.9811	-.1	.1	1	24.2	23.6	2.6	1.7	1
2	.9865	.9875	-.1	.0	1	18.9	18.7	.9	1.9	1
1	.9924	.9937	-.1	.0	1	15.9	16.2	-1.7	.9	1
0	1.0000	.9998	.0	.1	1	14.3	14.8	-3.3	1.4	1
-1	1.0072	1.0058	.1	.1	1	13.2	13.9	-5.2	2.3	1
-2	1.0069	1.0117	-.5	.2	1	14.0	13.2	5.6	3.6	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.02978	1.040	.197	1.3E-03	1.2E-04	1.000
1	1.E-02	.00302	1.041	.164	2.5E-03	4.8E-05	.862
2	1.E-03	.00120	1.051	.124	3.4E-02	4.0E-05	.834
3	1.E-03	.00043	1.063	.122	1.7E-01	3.8E-05	.802
4	1.E-04	.00036	1.082	.122	1.3E+00	3.6E-05	.767
5	1.E-05	.00021	1.089	.131	1.5E+00	3.5E-05	.770
6	1.E-06	.00021	1.090	.131	1.5E+00	3.5E-05	.769

Pct Std Deviations .9 3.4 103.7 4.8 2.0

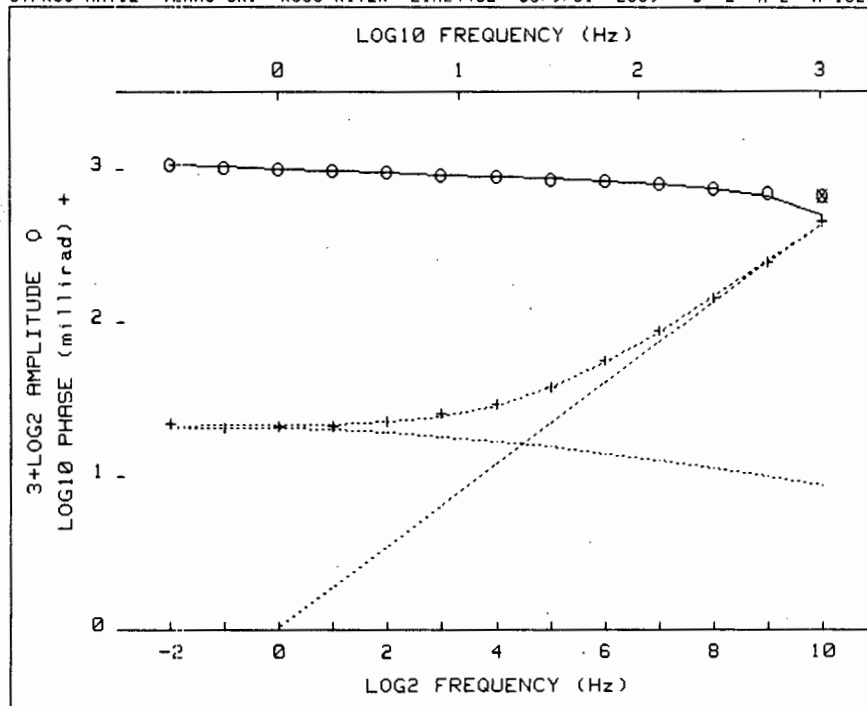
Correlation Matrix

1.000					
.866	1.000				
.939	.833	1.000			
-.531	-.359	-.567	1.000		
-.657	-.388	-.718	.887	1.000	

Apparent Resistivity Measured at 1 Hz is 743.1

Apparent Resistivity Calculated from Inductive Coupling is 199.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8075	.8209	-1.7	.0	1	292.1	309.5	-6.0	.1	1
9	.8728	.8824	-1.1	.0	1	200.1	192.9	3.6	.0	1
8	.9208	.9189	.2	.0	1	125.6	119.0	5.2	.1	1
7	.9457	.9409	.5	.0	1	74.7	74.1	.8	.1	1
6	.9562	.9550	.3	.0	1	45.7	47.6	-4.1	1.0	1
5	.9668	.9648	.2	.0	1	30.6	32.2	-5.2	.3	1
4	.9737	.9724	.1	.0	1	22.6	23.5	-4.0	1.0	1
3	.9801	.9790	.1	.0	1	18.7	18.8	-.5	.5	1
2	.9874	.9851	.2	.0	1	17.1	16.3	4.4	.6	1
1	.9930	.9912	.2	.0	1	15.7	15.2	3.3	.9	1
0	1.0000	.9973	.3	.0	1	14.5	14.7	-1.4	.7	1
-1	1.0060	1.0036	.2	.1	1	14.2	14.5	-2.3	.7	1
-2	1.0133	1.0100	.3	.0	1	14.5	14.4	.5	2.8	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.01781	1.070	.121	2.0E-01	1.1E-04	.868
1	1.E-02	.00142	1.104	.191	2.9E-01	5.3E-05	.835
2	1.E-03	.00016	1.117	.188	4.0E-01	5.4E-05	.884
3	1.E-04	.00015	1.123	.188	5.0E-01	5.4E-05	.875
4	1.E-05	.00015	1.125	.189	6.4E-01	5.4E-05	.873

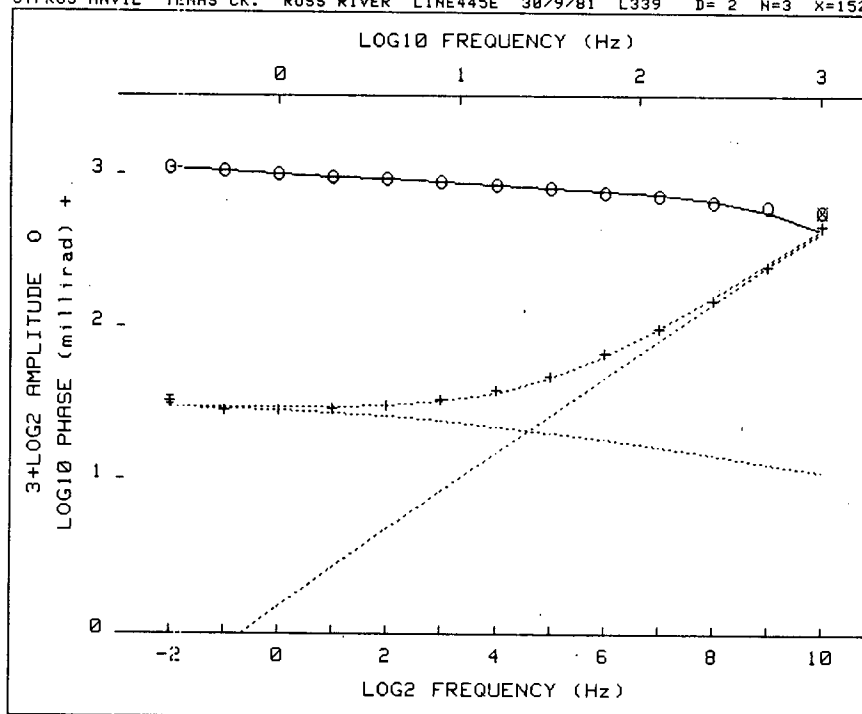
Pct Std Deviations .7 1.5 54.8 3.3 1.6

Correlation Matrix

1.000					
.655	1.000				
.915	.522	1.000			
-.460	-.136	-.478	1.000		
-.606	-.053	-.684	.833	1.000	

Apparent Resistivity Measured at 1 Hz is 504.6
Apparent Resistivity Calculated from Inductive Coupling is 548.4

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8811	.8093	8.2	.0	0	449.0	433.5	3.4	.0	1
9	.8940	.8780	1.8	.0	1	243.8	252.4	-3.5	.0	1
8	.9103	.9134	-.3	.0	1	142.2	146.0	-2.7	.1	1
7	.9200	.9331	-.5	.0	1	86.8	86.6	.2	.5	1
6	.9426	.9458	-.3	.0	1	55.6	54.4	2.2	.4	1
5	.9533	.9557	-.3	.0	1	38.0	37.4	1.7	.9	1
4	.9628	.9645	-.2	.0	1	29.3	28.7	2.1	.3	1
3	.9718	.9731	-.1	.0	1	25.2	24.5	3.0	.6	1
2	.9819	.9817	.0	.0	1	22.4	22.6	-.7	.4	1
1	.9901	.9907	-.1	.0	1	21.0	21.8	-3.9	1.1	1
0	1.0000	1.0000	.0	.1	1	20.9	21.5	-3.0	1.1	1
-1	1.0000	1.0095	-.1	.1	1	20.7	21.4	-3.1	1.0	1
-2	1.0201	1.0191	.1	.0	1	22.3	21.1	5.5	3.6	1



CRL: Number of dispersions= 2
C1=.25 MZ=1 fixed

Iter	Lambca	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00055	1.125	.189	6.4E-01	5.4E-05	.873
1	1.E-02	.00052	1.168	.255	6.7E-01	4.9E-05	.834
2	1.E-03	.00035	1.185	.256	8.8E-01	4.7E-05	.830
3	1.E-04	.00034	1.195	.258	1.2E+00	4.6E-05	.821
4	1.E-05	.00034	1.199	.260	1.4E+00	4.6E-05	.818

Pct Std Deviations 1.8 2.9 100.2 6.0 2.8

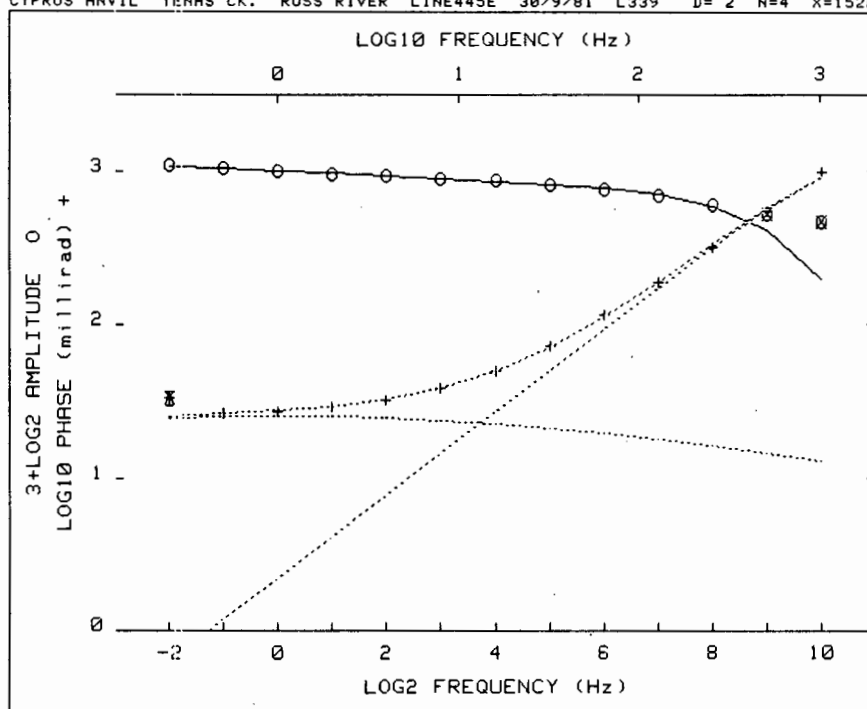
Correlation Matrix

1.000				
.860	1.000			
.956	.767	1.000		
-.588	-.400	-.601	1.000	
-.646	-.316	-.718	.864	1.000

Apparent Resistivity Measured at 1 Hz is 772.8

Apparent Resistivity Calculated from Inductive Coupling is 957.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8416	.7731	8.1	.0	0	463.9	434.6	6.3	.0	1
9	.8619	.8427	2.2	.0	1	248.6	262.4	-5.6	.1	1
8	.8755	.8836	-.5	.0	1	150.2	158.6	-5.6	.1	1
7	.9020	.9088	-.8	.0	1	98.0	98.6	-.6	.2	1
6	.9227	.9261	-.6	.1	1	67.9	64.9	4.4	2.7	1
5	.9383	.9397	-.1	.0	1	48.3	46.6	3.4	.9	1
4	.9523	.9517	.1	.0	1	38.3	37.1	3.0	.9	1
3	.9634	.9634	.0	.0	1	33.3	32.6	2.2	.7	1
2	.9759	.9753	.1	.0	1	30.5	30.7	-.5	1.0	1
1	.9866	.9876	-.1	.1	1	29.3	30.1	-2.8	.5	1
0	1.0000	1.0005	-.0	.1	1	28.3	30.1	-6.5	.4	1
-1	1.0114	1.0139	-.2	.3	1	28.8	30.3	-5.1	.7	1
-2	1.0274	1.0277	-.0	.1	1	33.0	30.3	8.3	6.1	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

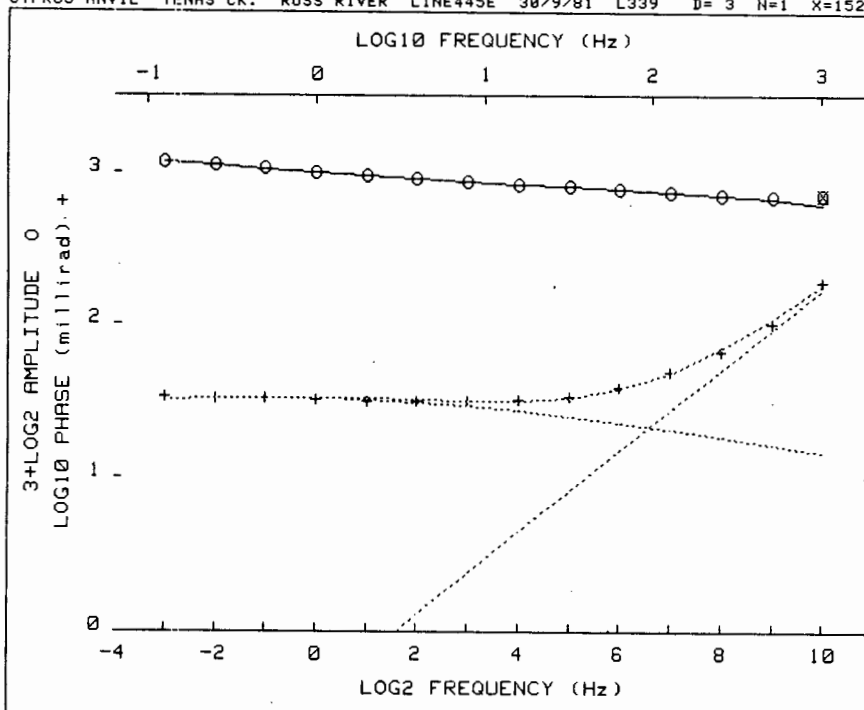
Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.02389	1.520	.388	4.3E+00	9.3E-05	.801
1	1.E-02	.00305	1.179	.260	4.3E+00	1.4E-04	.838
2	1.E-03	.00016	1.199	.244	3.2E+00	1.4E-04	.855
3	1.E-04	.00013	1.152	.224	7.5E-01	1.4E-04	.873
4	1.E-05	.00010	1.138	.224	3.0E-01	1.4E-04	.886
5	1.E-06	.00009	1.137	.226	2.6E-01	1.4E-04	.889
6	1.E-07	.00009	1.136	.227	2.5E-01	1.4E-04	.889

Pct Std Deviations .9 1.2 71.9 1.7 1.1

Correlation Matrix	1.000					
	.086	1.000				
	.957	-.097	1.000			
	-.381	-.110	-.342	1.000		
	-.690	.405	-.745	.577	1.000	

Apparent Resistivity Measured at 1 Hz is 1120
Apparent Resistivity Calculated from Inductive Coupling is 667.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7952	.6164	22.3	.0	0	962.6	912.6	5.2	.0	1
9	.8179	.7641	6.6	.0	0	543.9	563.6	-3.6	.0	1
8	.8559	.8517	.5	.0	1	317.7	329.8	-3.8	.0	1
7	.8931	.8972	-.5	.0	1	189.7	190.8	-.6	.1	1
6	.9169	.9225	-.4	.2	1	116.6	113.4	2.7	1.5	1
5	.9351	.9392	-.0	.0	1	72.7	71.8	1.3	.6	1
4	.9545	.9526	.2	.0	1	50.1	49.8	.6	.6	1
3	.9649	.9647	.0	.1	1	38.9	38.4	1.3	1.3	1
2	.9761	.9764	.2	.0	1	31.8	32.5	-2.4	1.0	1
1	.9875	.9881	-.1	.1	1	29.3	29.5	-.6	.5	1
0	1.0000	.9999	.0	.2	1	27.3	27.7	-1.6	1.1	1
-1	1.0052	1.0116	-.2	.5	1	26.9	26.5	1.6	1.5	1
-2	1.0258	1.0232	.3	.1	1	33.6	25.3	24.7	10.7	0



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

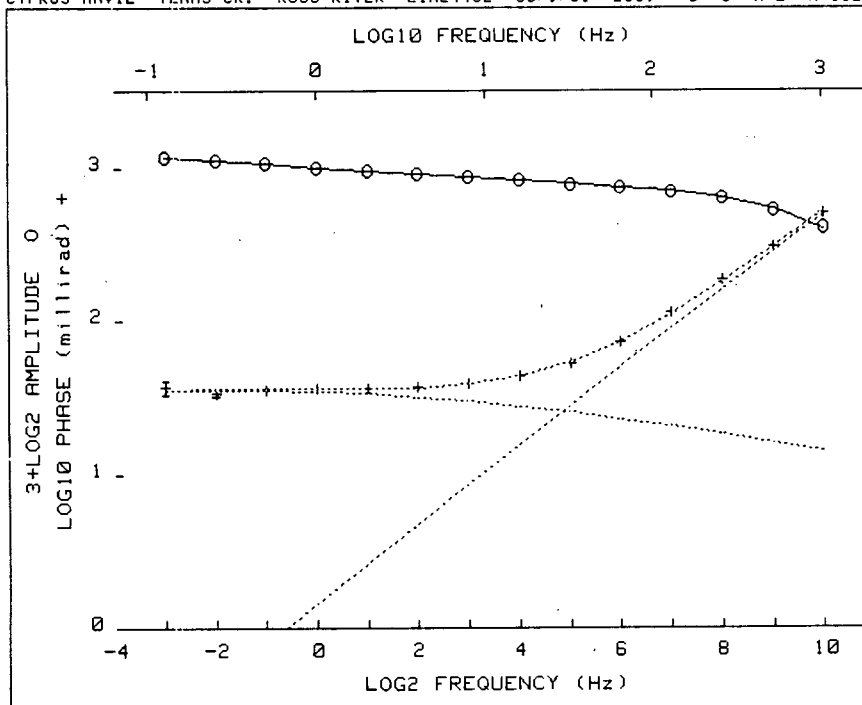
Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.10538	1.136	.227	2.5E-01	1.4E-04	.889
1	1.E-02	.01157	1.172	.267	3.3E-01	1.5E-05	.663
2	1.E-03	.00096	1.188	.294	3.6E-01	1.1E-05	.833
3	1.E-04	.00014	1.199	.281	6.3E-01	1.5E-05	.872
4	1.E-05	.00013	1.201	.282	6.6E-01	1.5E-05	.869
5	1.E-06	.00013	1.201	.282	6.6E-01	1.5E-05	.869

Pct Std Deviations .6 1.0 26.8 7.4 2.7

Correlation Matrix	1.000				
	.624	1.000			
	.888	.397	1.000		
	-.483	.020	-.587	1.000	
	-.532	.072	-.677	.954	1.000

Apparent Resistivity Measured at 1 Hz is 393.8
Apparent Resistivity Calculated from Inductive Coupling is 743.6

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9015	.8626	4.3	.0	0	191.0	181.6	4.9	.2	1
9	.8929	.8855	.8	0.0	1	101.9	108.3	-6.3	.0	1
8	.8962	.9009	-.3	.0	1	66.8	68.6	-2.8	.0	1
7	.9057	.9130	-.4	.0	1	48.4	47.9	1.0	.2	1
6	.9227	.9241	-.2	.0	1	39.1	37.7	3.7	1.1	1
5	.9346	.9352	-.1	.0	1	33.9	33.0	2.5	.4	1
4	.9470	.9468	.0	.0	1	32.0	31.4	1.8	.4	1
3	.9553	.9591	.0	0.0	1	31.1	31.3	-.7	.5	1
2	.9729	.9722	.1	.0	1	31.4	31.8	-1.4	.0	1
1	.9854	.9861	-.1	.0	1	31.6	32.5	-2.8	.3	1
0	1.0000	1.0006	-.1	.0	1	32.0	33.0	-3.0	.0	1
-1	1.0162	1.0156	.1	.0	1	32.5	33.1	-1.8	.0	1
-2	1.0369	1.0309	.0	.0	1	32.8	32.8	-.0	1.2	1
-3	1.0462	1.0461	.0	.1	1	33.6	32.1	4.6	2.4	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00009	1.233	.299	1.2E+00	5.1E-05	.829
1	1.E-02	.00008	1.234	.300	1.2E+00	5.2E-05	.835
2	1.E-03	.00008	1.232	.300	1.1E+00	5.2E-05	.837

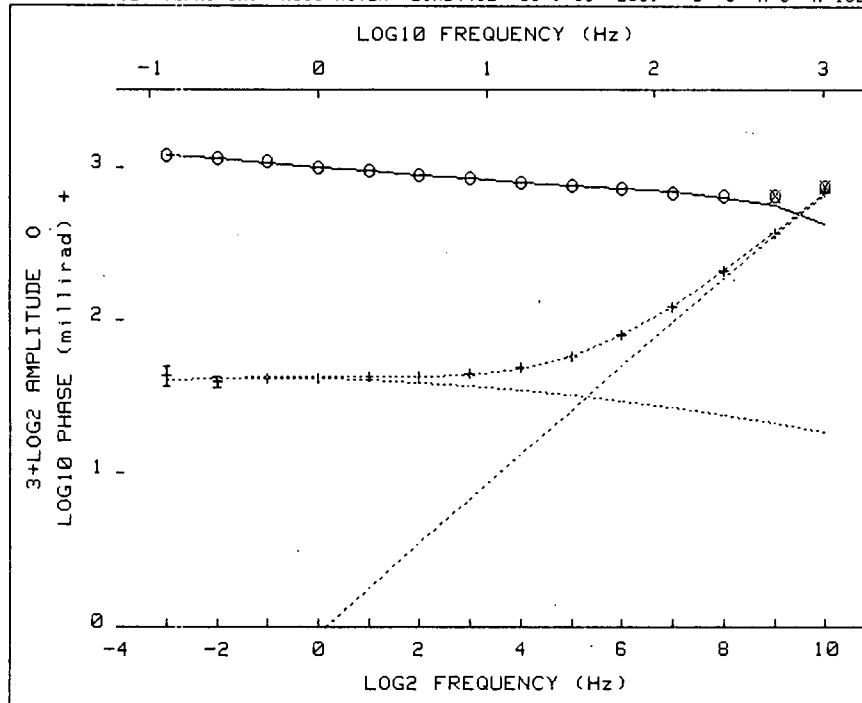
Pct Std Deviations .7 .9 26.3 2.5 1.1

Correlation Matrix

1.000				
.737	1.000			
.935	.583	1.000		
-.492	-.253	-.480	1.000	
-.592	-.114	-.643	.830	1.000

Apparent Resistivity Measured at 1 Hz is 273.3
Apparent Resistivity Calculated from Inductive Coupling is 489.7

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7614	.7537	1.0	.1	1	488.0	500.8	-2.6	.0	1
9	.8221	.8263	-.5	.0	1	382.3	298.8	1.1	.0	1
8	.8675	.8689	-.2	.0	1	183.7	178.8	2.7	.0	1
7	.8951	.8953	-.0	.0	1	112.6	110.6	1.7	.1	1
6	.9141	.9139	.0	.0	1	72.7	73.1	-.6	.4	1
5	.9272	.9291	-.2	.0	1	52.0	53.2	-2.2	.7	1
4	.9416	.9429	-.1	.0	1	43.1	43.0	.2	.3	1
3	.9550	.9567	-.2	.0	1	38.9	38.3	1.5	.6	1
2	.9703	.9708	-.1	.1	1	37.0	36.4	1.6	.5	1
1	.9846	.9856	-.1	.1	1	36.0	35.9	.3	.3	1
0	1.0000	1.0011	-.1	.1	1	35.9	35.9	-.1	.4	1
-1	1.0207	1.0172	.3	.1	1	35.5	36.0	-1.4	.3	1
-2	1.0349	1.0336	.1	.1	1	33.9	35.8	-5.6	6.2	1
-3	1.0500	1.0503	-.0	.4	1	36.8	35.2	4.2	11.4	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00332	1.232	.300	1.1E+00	5.2E-05	.837
1	1.E-02	.00015	1.272	.346	1.1E+00	7.0E-05	.918
2	1.E-03	.00011	1.265	.344	8.7E-01	7.2E-05	.934
3	1.E-04	.00011	1.261	.343	7.6E-01	7.2E-05	.939
4	1.E-05	.00011	1.260	.343	7.5E-01	7.2E-05	.940

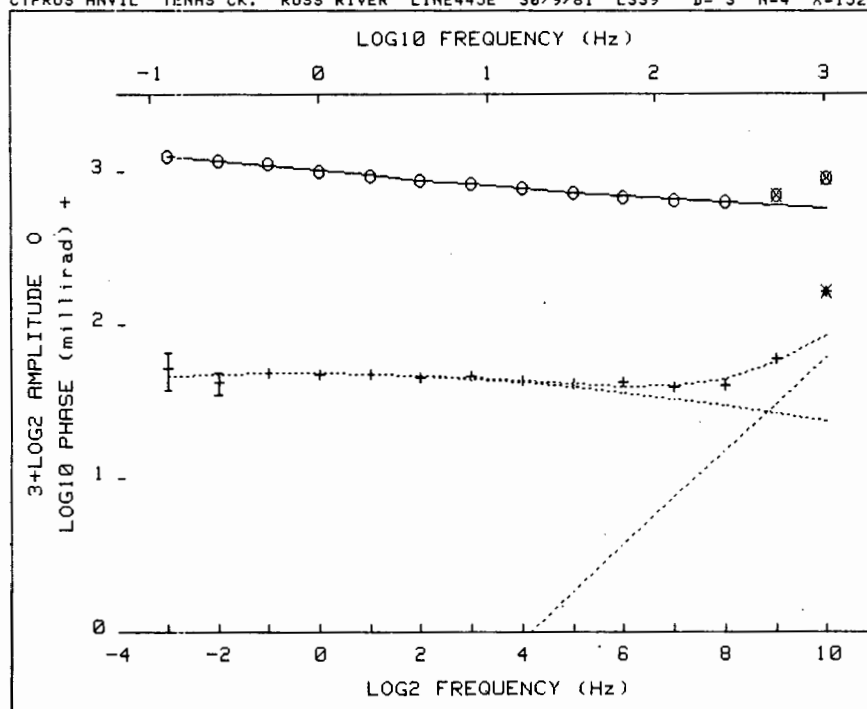
Pct Std Deviations .8 .9 28.5 2.7 1.5

Correlation Matrix

1.000				
.550	1.000			
.915	.302	1.000		
-.474	-.089	-.490	1.000	
-.534	.140	-.645	.818	1.000

Apparent Resistivity Measured at 1 Hz is 136.7
Apparent Resistivity Calculated from Inductive Coupling is 972.4

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9125	.7678	15.9	.0	0	684.6	669.5	2.2	.1	1
9	.8720	.8360	4.1	.0	0	367.2	373.8	-1.8	.0	1
8	.8742	.8698	.5	.0	1	206.0	209.1	-1.5	.0	1
7	.8871	.8897	-.3	.1	1	122.2	122.7	-.4	.3	1
6	.9019	.9049	-.3	.2	1	79.9	78.9	1.2	2.4	1
5	.9170	.9191	-.2	.1	1	57.5	57.5	-.1	1.3	1
4	.9338	.9337	.0	.1	1	48.6	47.7	1.8	1.0	1
3	.9450	.9492	-.0	.0	1	44.1	43.7	1.0	.9	1
2	.9660	.9657	.0	.1	1	42.4	42.3	.1	1.0	1
1	.9826	.9833	-.1	.1	1	42.1	42.2	-.2	.5	1
0	1.0000	1.0017	-.2	.2	1	41.4	42.3	-2.1	.5	1
-1	1.0258	1.0207	.5	.2	1	41.2	42.2	-2.3	.5	1
-2	1.0411	1.0401	.1	.1	1	39.2	41.6	-6.2	8.9	1
-3	1.0555	1.0596	-.0	.7	1	43.7	40.6	7.1	15.8	1



CRL: Number of dispersions= 2
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00177	1.307	.390	7.9E-01	1.1E-05
1	1.E-02	.00055	1.304	.391	6.9E-01	7.1E-06
2	1.E-03	.00050	1.295	.389	5.7E-01	6.4E-06
3	1.E-04	.00050	1.293	.389	5.5E-01	6.3E-06

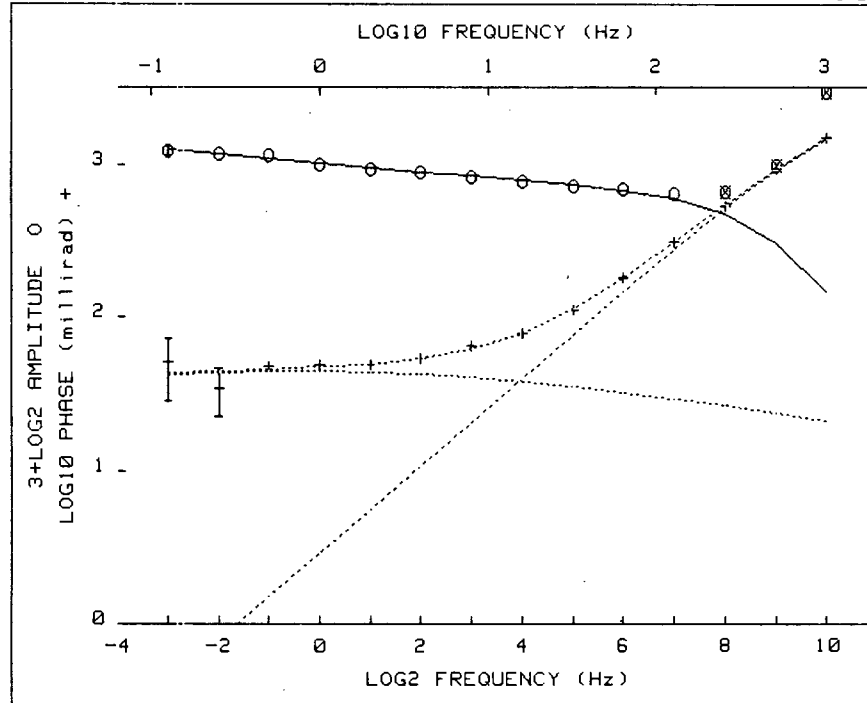
Pct Std Deviations 1.3 1.5 33.3 10.0

Correlation Matrix

1.000			
.787	1.000		
.872	.588	1.000	
.258	-.053	.448	1.000

Apparent Resistivity Measured at 1 Hz is 183.5
Apparent Resistivity Calculated from Inductive Coupling is 22060

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9655	.8462	12.4	.0	0	163.2	85.6	47.6	.0	0
9	.8949	.8553	4.4	.1	0	60.9	57.2	6.0	.0	1
8	.8701	.8657	.5	.1	1	40.2	44.9	-11.6	.0	1
7	.8757	.8776	-.4	.1	1	39.6	40.4	-2.1	1.8	1
6	.8862	.8910	-.3	.2	1	42.8	39.9	6.9	5.8	1
5	.9054	.9061	-.1	.1	1	41.7	41.1	1.4	1.7	1
4	.9233	.9227	.1	.1	1	43.5	43.1	1.0	1.5	1
3	.9411	.9409	.0	.1	1	46.9	45.1	3.8	2.1	1
2	.9559	.9604	-.0	.1	1	45.2	46.8	-3.6	1.1	1
1	.9753	.9812	-.2	.2	1	47.4	48.1	-1.5	.2	1
0	1.0000	1.0029	-.3	.3	1	47.7	48.7	-2.1	1.0	1
-1	1.0348	1.0252	.9	.3	1	48.9	48.6	.7	2.0	1
-2	1.0475	1.0478	-.0	.2	1	42.2	47.7	-13.1	16.1	1
-3	1.0650	1.0703	-.1	1.4	1	51.9	46.2	10.9	26.8	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.04641	1.260	.343	7.5E-01	7.2E-05	.940
1	1.E-02	.00269	1.285	.366	7.0E-01	1.7E-04	.889
2	1.E-03	.00102	1.279	.364	6.4E-01	2.2E-04	.925
3	1.E-04	.00102	1.275	.362	5.9E-01	2.2E-04	.922

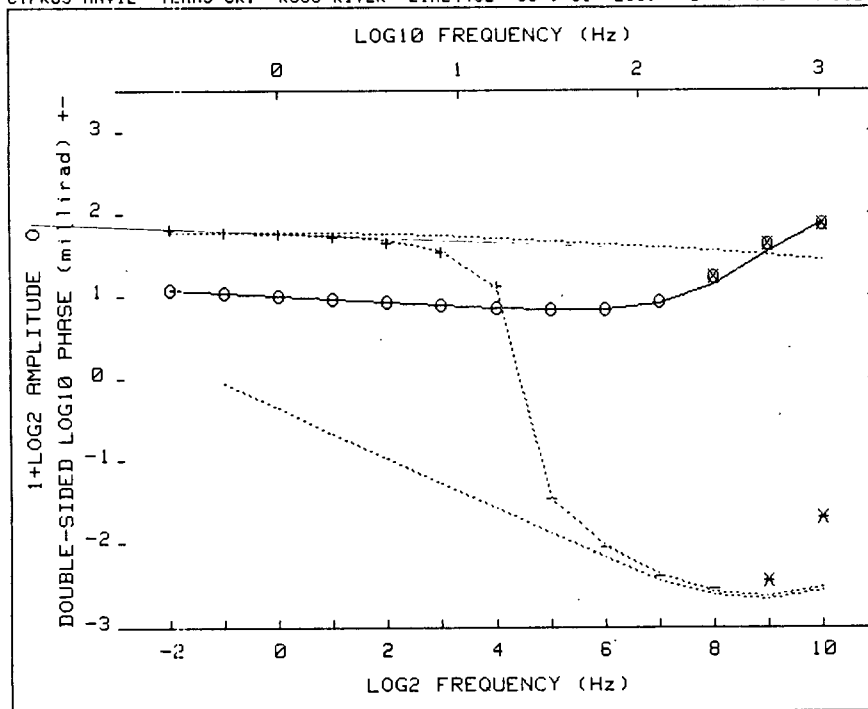
Pct Std Deviations 2.8 2.8 165.9 5.9 3.7

Correlation Matrix

1.000					
.069	1.000				
.931	-.207	1.000			
-.414	-.129	-.348	1.000		
-.602	.458	-.690	.563	1.000	

Apparent Resistivity Measured at 1 Hz is 241.7
Apparent Resistivity Calculated from Inductive Coupling is 704.4

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.3750	.5611	59.3	.0	0	1468.8	1475.5	-.5	.0	1
9	.9938	.5957	30.0	.0	0	922.8	931.8	-1.0	.1	1
8	.8822	.7986	9.5	.1	0	535.5	542.1	-1.2	.1	1
7	.8718	.8561	1.8	.1	1	308.1	307.7	.1	.3	1
6	.8928	.8884	.5	.5	1	182.3	179.4	1.6	2.6	1
5	.9066	.9107	-.5	.2	1	112.0	112.2	-.2	1.0	1
4	.9257	.9297	-.4	.1	1	78.5	78.1	.6	.7	1
3	.9430	.9481	-.5	.2	1	64.1	61.2	4.6	2.3	1
2	.9617	.9668	-.5	.2	1	53.4	53.1	.6	1.0	1
1	.9761	.9862	-.8	.4	1	49.1	49.3	-.3	2.4	1
0	1.0000	1.0063	-.6	.6	1	48.4	47.3	2.3	1.6	1
-1	1.0430	1.0269	1.5	.6	1	47.5	46.0	3.2	1.8	1
-2	1.0458	1.0477	-.2	.3	1	34.6	44.6	-29.0	34.1	1
-3	1.0653	1.0684	-.3	2.2	1	51.1	43.0	15.9	43.7	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 fixed

Iter	Lambda	Rchsqr	R0	M1	T1	T2	C2
0	1.E-02	.00046	1.402	.459	1.2E+00	2.2E-04	.980
1	1.E-02	.00045	1.404	.459	1.1E+00	2.2E-04	.978
2	1.E-03	.00044	1.399	.458	1.0E+00	2.2E-04	.976

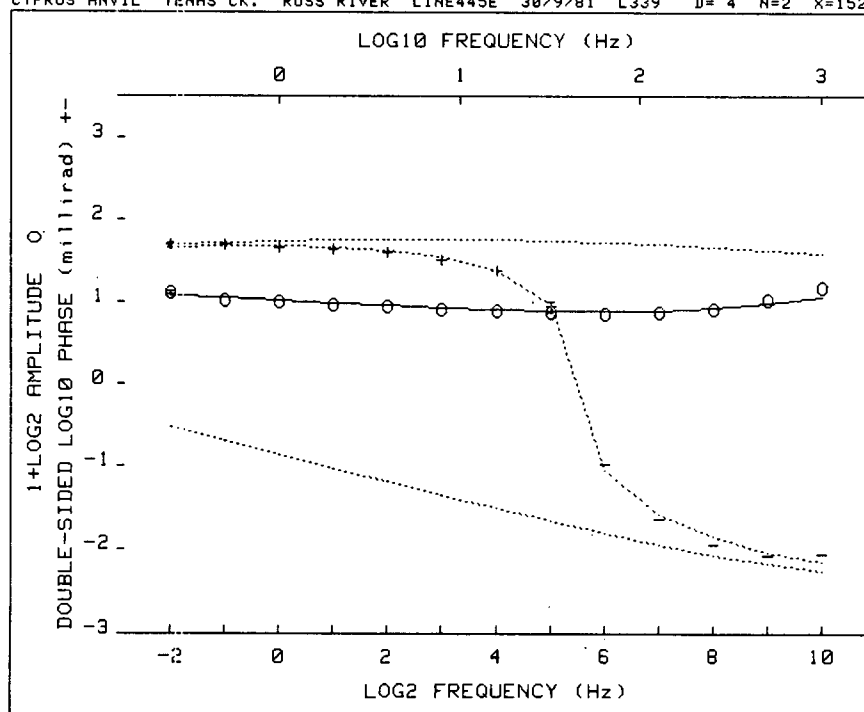
Pct Std Deviations 2.7 1.9 71.3 4.6 2.0

Correlation Matrix

1.000					
.763	1.000				
.957	.605	1.000			
-.571	-.651	-.504	1.000		
.515	-.036	.659	.269	1.000	

Apparent Resistivity Measured at 1 Hz is 79.60
Apparent Resistivity Calculated from Inductive Coupling is 72.00

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.8263	1.8508	-1.3	.0	0	-49.4	-337.2	-582.5	.5	0
9	1.5350	1.4537	5.3	.0	0	-280.6	-436.9	-55.7	.0	0
8	1.1728	1.1006	6.2	.0	0	-347.9	-384.7	-10.6	.0	1
7	.9526	.9354	1.8	.0	1	-243.8	-233.4	4.3	.2	1
6	.8856	.8915	-.2	.0	1	-112.2	-105.3	6.1	.3	1
5	.8867	.8926	-.4	.0	1	-28.8	-28.9	-.4	1.0	1
4	.9066	.9079	-.1	.0	1	13.2	12.6	4.5	.8	1
3	.9263	.9284	-.2	.0	1	33.3	35.0	-5.1	.7	1
2	.9510	.9516	-.1	.0	1	44.9	47.3	-5.3	.7	1
1	.9749	.9767	-.2	.0	1	51.3	54.1	-5.5	.3	1
0	1.0020	1.0034	-.3	.1	1	56.0	57.8	-3.1	.3	1
-1	1.0261	1.0312	-.5	.1	1	60.3	59.3	1.6	.3	1
-2	1.0625	1.0597	.1	.2	1	64.1	59.4	7.3	.7	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.58558	1.399	.458	1.0E+00	2.2E-04	.976
1	1.E-02	.02733	1.138	.278	2.0E-01	4.8E-05	.881
2	1.E-03	.00769	1.242	.416	9.3E-02	2.0E-05	.616
3	1.E-04	.00376	1.254	.447	6.1E-02	1.4E-05	.513
4	1.E-05	.00363	1.267	.436	9.9E-02	1.3E-05	.522
5	1.E-06	.00363	1.265	.441	9.0E-02	1.3E-05	.518

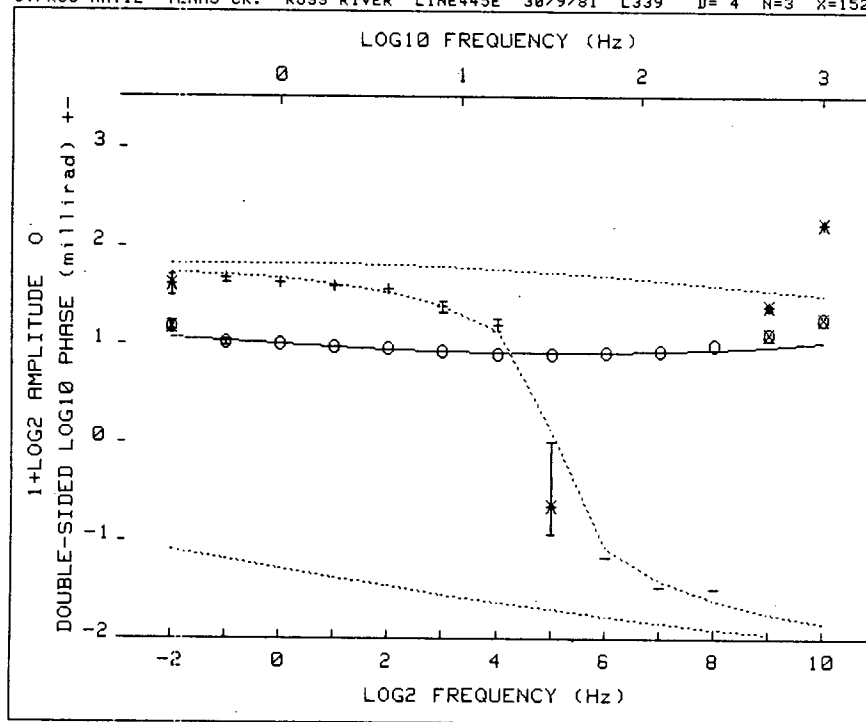
Pct Std Deviations 4.2 12.7 453.2 27.6 12.7

Correlation Matrix

1.000					
-.615	1.000				
.893	-.877	1.000			
-.791	.500	-.763	1.000		
.602	-.958	.841	-.332	1.000	

Apparent Resistivity Measured at 1 Hz is 34.74
Apparent Resistivity Calculated from Inductive Coupling is 212.8

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1345	1.0417	8.2	.0	1	-111.0	-139.7	-25.8	.1	1
9	1.0119	.9843	2.7	.1	1	-116.6	-104.8	10.1	.8	1
8	.9419	.9481	-.7	.1	1	-86.7	-69.5	19.9	.8	1
7	.9112	.9291	-2.0	.1	1	-42.6	-37.6	11.7	1.6	1
6	.9085	.9232	-1.6	.4	1	-9.3	-11.3	-21.2	29.9	1
5	.9136	.9268	-1.4	.2	1	8.8	9.2	-5.0	15.5	1
4	.9256	.9373	-1.3	.1	1	24.3	24.4	-.4	5.1	1
3	.9432	.9528	-1.0	.2	1	31.9	35.0	-9.7	3.8	1
2	.9686	.9716	-1.1	.2	1	39.9	41.9	-5.0	1.7	1
1	.9752	.9927	-1.4	.2	1	43.3	45.8	-5.9	1.6	1
0	1.0000	1.0150	-1.5	.5	1	46.8	47.5	-1.5	1.5	1
-1	1.0214	1.0377	-1.6	.9	1	50.2	47.4	5.6	2.6	1
-2	1.0838	1.0603	2.2	1.7	1	50.0	46.0	8.0	6.8	1



CRL: Number of dispersions= 2 Negative.
T1=1 C1=.25 M2=1 fixed

Iter	Lambca	Rchsq	R0	M1	T2	C2
0	1.E-02	.00842	1.399	.685	1.7E-06	.161
1	1.E-02	.00365	1.454	.677	1.6E-06	.183
2	1.E-02	.00330	1.455	.659	1.4E-06	.191
3	1.E-02	.00320	1.453	.642	1.2E-06	.198
4	1.E-02	.00307	1.448	.619	9.6E-07	.207
5	1.E-02	.00298	1.437	.579	7.4E-07	.227
6	1.E-01	.00268	1.421	.552	7.4E-07	.243
7	1.E-01	.00259	1.409	.530	7.6E-07	.258
8	1.E-01	.00254	1.401	.519	7.9E-07	.266
9	1.E-02	.00253	1.387	.492	9.2E-07	.293

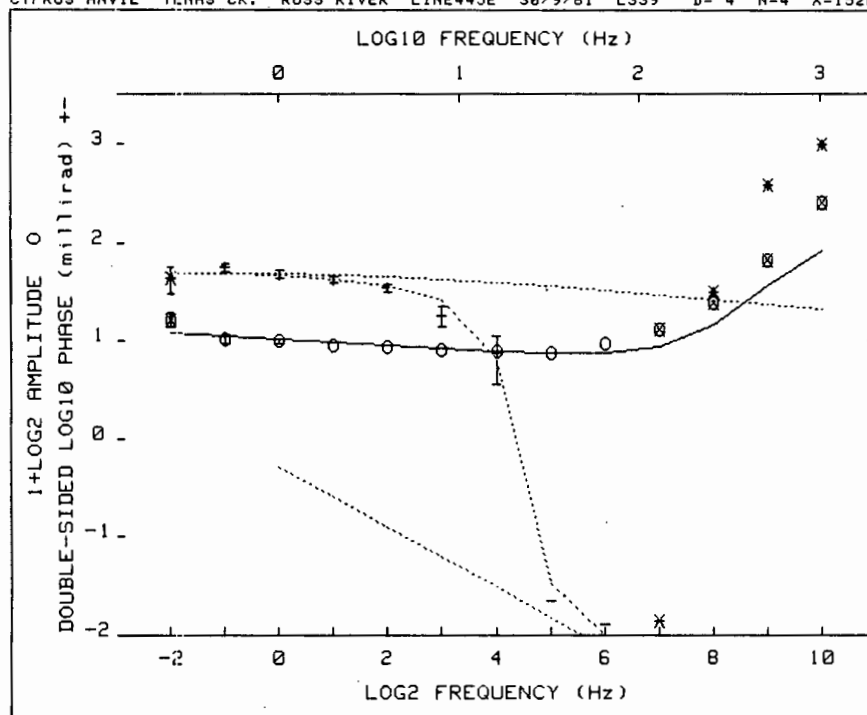
Pct Std Deviations 2.9 12.6 34.5 21.3

Correlation Matrix	1.000			
	.891	1.000		
	-.523	-.726	1.000	
	-.811	-.971	.856	1.000

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339 D= 4 N=3 X=152m

Apparent Resistivity Measured at 1 Hz is 30.64
Apparent Resistivity Calculated from Inductive Coupling is 68.20

F	ObsRrp	CalRrp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1946	1.0103	15.4	.0	0	167.0	-70.1	142.0	.1	0
9	1.0710	.9819	8.3	.1	0	24.1	-56.0	332.3	6.6	0
8	.9930	.9608	3.3	.1	1	-31.7	-41.3	-30.3	3.2	1
7	.9553	.9466	.7	.1	1	-29.9	-26.5	11.2	5.8	1
6	.9365	.9390	-.3	.9	1	-15.1	-12.2	19.2	37.9	1
5	.9251	.9375	-1.3	.5	1	-4.5	1.3	128.6	90.6	0
4	.9254	.9415	-1.3	.2	1	16.0	13.6	14.9	14.5	1
3	.9470	.9506	-.4	.4	1	24.2	24.5	-1.3	13.6	1
2	.9665	.9642	.2	.5	1	35.9	33.8	5.9	4.7	1
1	.9861	.9817	-.2	.6	1	38.7	41.3	-6.8	3.2	1
0	1.0000	1.0024	-.2	1.4	1	42.3	47.1	-11.3	4.0	1
-1	1.0153	1.0258	-1.0	2.4	1	46.7	51.1	-9.4	7.9	1
-2	1.1369	1.0510	7.6	4.1	0	40.7	53.4	-31.1	23.4	0



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambca	Rchsq	R0	M1	T1	T2
0	1.E-02	.00739	1.323	.385	1.0E+00	2.3E-04
1	1.E-02	.00734	1.335	.391	1.1E+00	2.3E-04

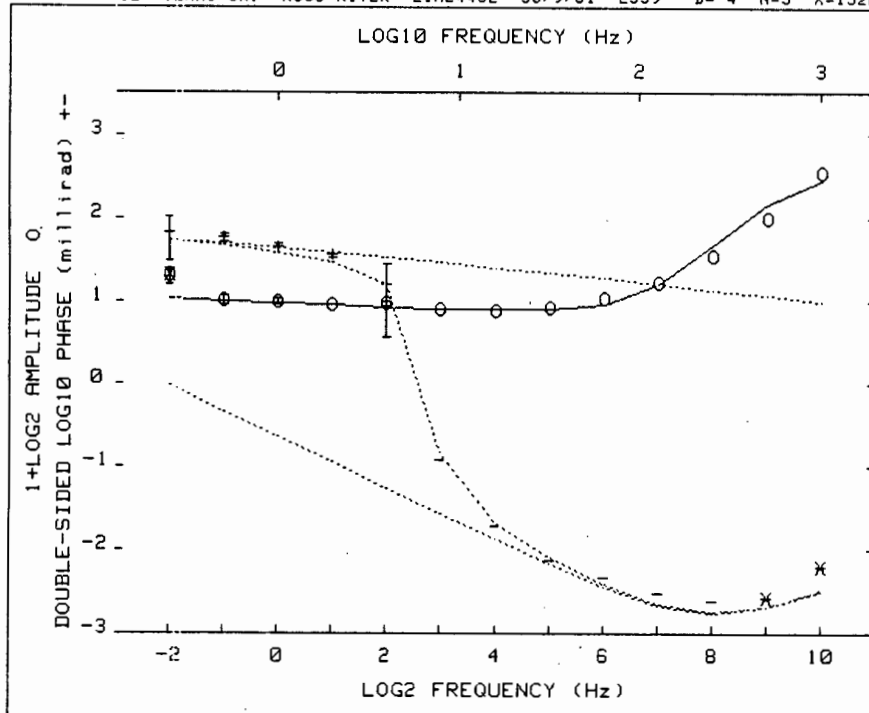
Pct Std Deviations 10.8 12.2 790.7 23.3

Correlation Matrix

1.000				
.944	1.000			
.962	.900	1.000		
-.861	-.730	-.946	1.000	

Apparent Resistivity Measured at 1 Hz is 14.40
Apparent Resistivity Calculated from Inductive Coupling is 606.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.6245	1.8768	28.5	.0	0	941.3	-326.3	134.7	.1	0
9	1.7607	1.4772	16.1	.1	0	370.3	-431.7	216.6	.4	0
8	1.3103	1.1178	14.7	.1	0	31.8	-376.8	999.0	1.9	0
7	1.0825	.9574	11.6	.1	0	-73.5	-223.7	-204.3	6.3	0
6	.9847	.9177	6.8	1.7	1	-77.7	-101.1	-30.1	22.1	1
5	.9227	.9188	.4	.8	1	-45.3	-30.8	32.0	15.6	1
4	.9243	.9318	-.8	.5	1	7.5	6.4	14.3	52.5	1
3	.9300	.9487	-1.1	.5	1	18.3	26.2	-43.2	24.3	1
2	.9612	.9676	-.7	.7	1	34.6	37.0	-7.0	7.8	1
1	.9708	.9880	-1.8	.9	1	42.3	43.1	-1.9	8.7	1
0	1.0000	1.0096	-1.0	1.9	1	48.0	46.5	3.1	8.3	1
-1	1.0114	1.0322	-2.1	3.2	1	56.1	48.1	14.2	10.4	1
-2	1.1649	1.0554	9.4	5.2	0	43.8	48.6	-10.9	31.2	0



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.70055	1.335	.391	1.1E+00	2.3E-04
1	1.E-02	.05347	1.367	.200	2.3E+01	3.4E-04
2	1.E-02	.02374	1.570	.518	8.1E+01	4.8E-04
3	1.E-03	.00762	1.904	.544	4.3E+02	3.7E-04
4	1.E-04	.00720	2.065	.582	8.8E+02	3.3E-04
5	1.E-05	.00713	2.100	.586	1.0E+03	3.2E-04

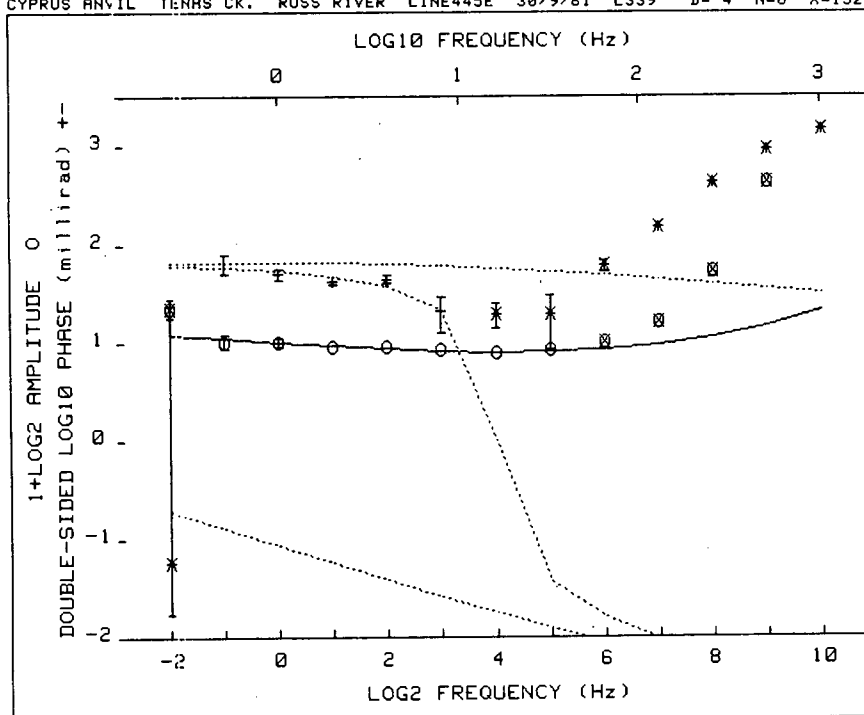
Pct Std Deviations 10.5 7.5 150.1 13.8

Correlation Matrix

1.000			
.976	1.000		
.951	.925	1.000	
-.915	-.871	-.969	1.000

Apparent Resistivity Measured at 1 Hz is 17.99
Apparent Resistivity Calculated from Inductive Coupling is 608.4

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.9119	2.7233	6.5	.0	1	-156.9	-301.8	-92.4	.7	0
9	2.0008	2.2455	-11.8	.1	1	-372.3	-480.8	-29.1	.9	0
8	1.4727	1.5950	-8.3	.1	1	-416.1	-561.0	-34.8	.2	1
7	1.1726	1.1540	1.6	.2	1	-332.5	-446.3	-34.2	.8	1
6	1.0278	.9819	4.5	1.4	1	-217.2	-259.5	-19.5	3.7	1
5	.9556	.9380	1.8	1.0	1	-130.7	-124.0	5.1	7.2	1
4	.9306	.9346	-.4	.3	1	-50.3	-47.7	5.1	6.0	1
3	.9412	.9428	-.2	.9	1	-8.2	-6.8	16.7	81.7	1
2	.9855	.9553	2.9	1.9	1	16.2	15.9	1.7	76.6	1
1	.9714	.9704	.1	1.4	1	36.5	29.8	18.4	7.2	1
0	1.0000	.9880	1.2	2.6	1	46.8	39.4	15.8	6.7	1
-1	1.0177	1.0084	.9	4.3	1	59.3	47.1	20.6	12.0	1
-2	1.2458	1.0317	17.2	6.5	0	67.0	53.8	19.7	53.9	1



CRL: Number of dispersions= 2 Negative.
 T1=1 C1=.25 M2=1 fixed

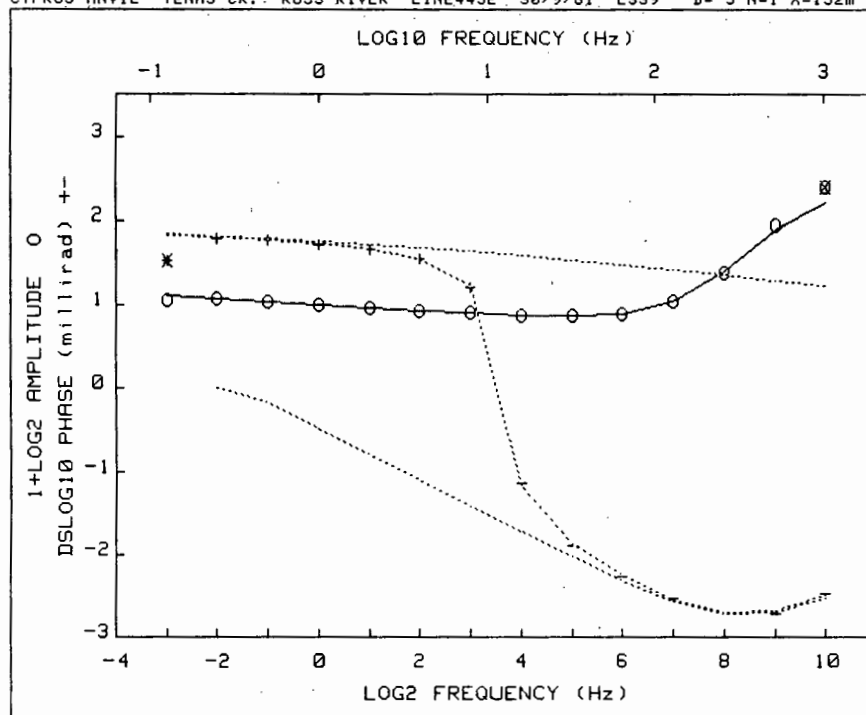
Iter	Lambca	Rchsqa	R0	M1	T2	C2
0	1.E-02	.24894	2.330	.638	6.8E-05	.866
1	1.E-01	.02344	1.320	.456	7.3E-05	.583
2	1.E-02	.00268	1.432	.497	7.4E-05	.601
3	1.E-03	.00184	1.425	.484	6.8E-05	.618
4	1.E-04	.00182	1.430	.492	4.7E-05	.569
5	1.E-04	.00182	1.431	.493	4.4E-05	.559

Pct Std Deviations 5.0 19.0 999.9 113.4

Correlation Matrix	1.000			
	.959	1.000		
	-.856	-.946	1.000	
	-.883	-.965	.998	1.000

Apparent Resistivity Measured at 1 Hz is 58.27
 Apparent Resistivity Calculated from Inductive Coupling is 591.8

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	6.2083	1.2472	79.9	.0	0	1444.4	-214.3	114.8	.0	0
9	3.0560	1.1265	63.1	.1	0	877.8	-188.5	121.5	.3	0
8	1.6565	1.0382	37.1	.1	0	405.1	-149.0	136.0	.6	0
7	1.1618	.9806	15.6	.4	0	149.3	-104.7	170.1	1.7	0
6	1.0077	.9480	5.9	1.7	0	60.9	-62.8	203.1	12.4	0
5	.9551	.9342	2.0	1.1	1	19.7	-27.3	238.5	57.0	0
4	.9339	.9339	-.0	.8	1	19.5	.0	100.0	27.7	0
3	.9564	.9433	.8	1.0	1	21.2	22.0	-3.6	40.1	1
2	.9717	.9597	1.2	1.0	1	44.6	37.3	16.3	9.9	1
1	.9742	.9812	-.7	1.7	1	42.8	48.0	-12.2	8.8	1
0	1.0060	1.0064	-.6	3.2	1	50.5	55.1	-9.0	12.1	1
-1	1.0075	1.0342	-2.7	5.2	1	64.7	59.2	8.5	20.3	1
-2	1.2863	1.0638	16.9	7.0	0	-17.6	61.0	446.5	238.1	0



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00159	1.547	.472	1.2E+01	3.3E-04
1	1.E-02	.00079	1.609	.495	1.7E+01	3.0E-04
2	1.E-03	.00060	1.696	.518	3.2E+01	2.9E-04
3	1.E-04	.00058	1.723	.524	3.7E+01	2.8E-04
4	1.E+00	.00058	1.723	.524	3.7E+01	2.8E-04

Pct Std Deviations 3.1 2.6 40.0 3.8

Correlation Matrix

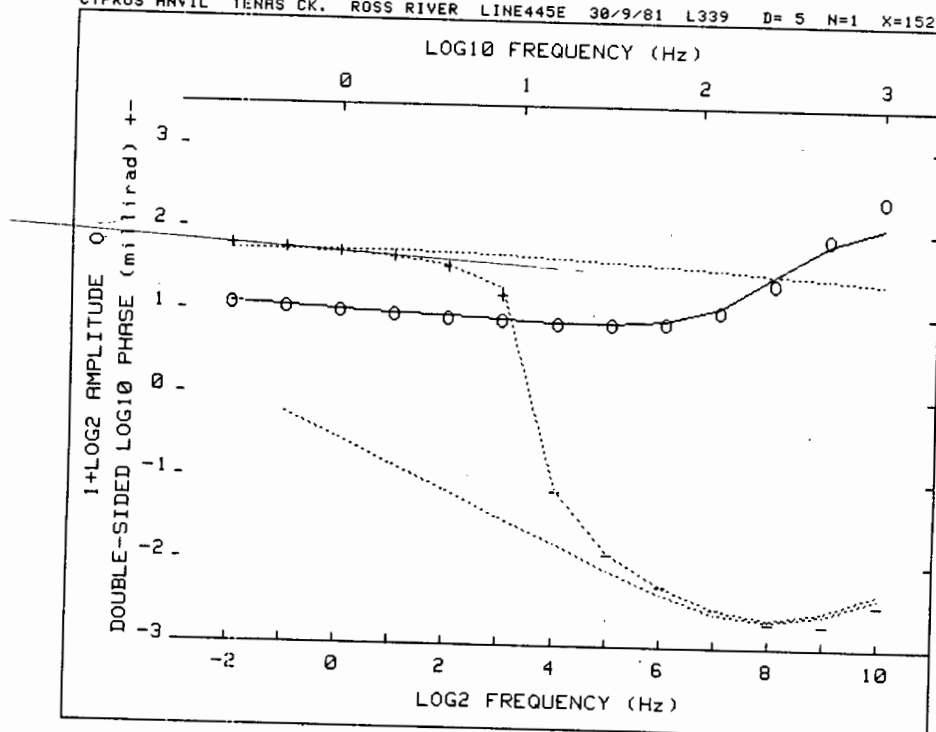
1.000			
.975	1.000		
.963	.927	1.000	
-.902	-.841	-.942	1.000

Apparent Resistivity Measured at 1 Hz is 85.09

Apparent Resistivity Calculated from Inductive Coupling is 61.43

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-3	1.0462	1.0081	-4.0	.1	1	33.6	68.6	-104.2	2.4	0
-2	1.0552	1.0556	-.0	.1	1	62.9	65.1	-3.4	2.7	1
-1	1.0259	1.0257	.0	.1	1	58.4	60.4	-3.4	.2	1
0	1.0000	.9986	.1	.1	1	52.8	54.4	-3.1	.3	1
1	.9770	.9743	.3	.0	1	45.9	46.5	-1.3	.3	1
2	.9551	.9527	.2	.0	1	35.5	35.1	1.1	.3	1
3	.9353	.9339	.1	.0	1	16.4	17.0	-3.4	1.4	1
4	.9184	.9186	-.0	.0	1	-14.1	-14.8	-4.7	1.6	1
5	.9118	.9109	.1	.0	1	-77.3	-73.3	5.2	.3	1
6	.9314	.9275	.4	.0	1	-186.5	-180.2	3.4	.2	1
7	1.0225	1.0254	-.3	.1	1	-344.6	-346.9	-.7	.3	1
8	1.3067	1.3235	-1.3	.0	1	-588.9	-494.6	2.8	.0	1
9	1.9088	1.8434	3.4	.0	1	-525.0	-473.4	9.8	0.0	1
10	2.6288	2.2918	12.8	.2	0	-298.2	-316.8	-6.2	.2	1

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339 D= 5 N=1 X=152m



CRL: Number of dispersions= 2 Negative.
T1=1 C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T2
0	1.E-02	.02167	1.381	.424	3.9E-04
1	1.E-02	.02158	1.386	.430	4.0E-04

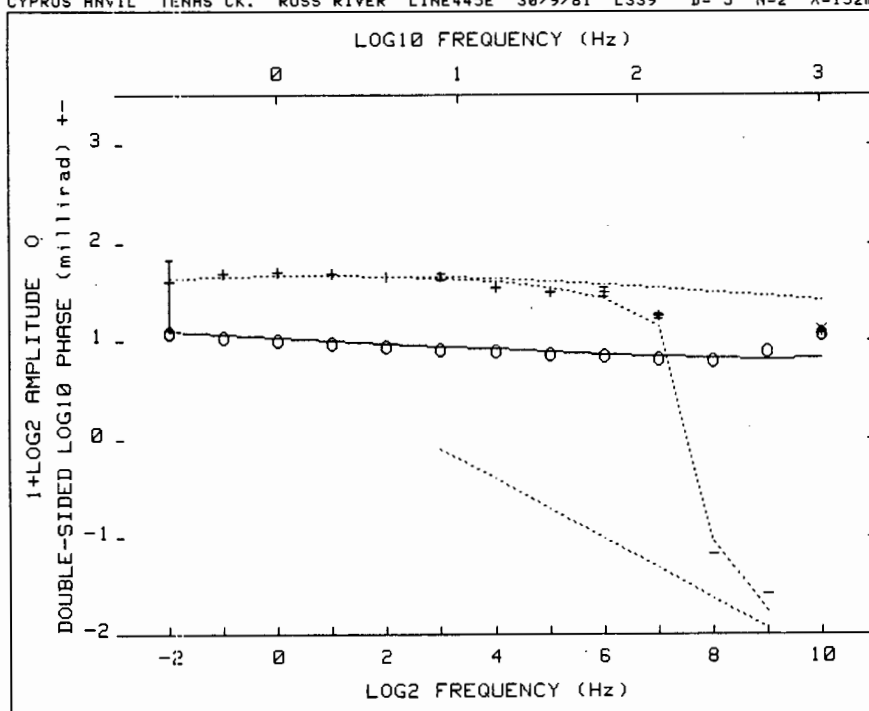
Pct Std Deviations 3.9 8.0 7.8

Correlation Matrix		
1.000		
.655	1.000	
.263	.597	1.000

Apparent Resistivity Measured at 1 Hz is 85.09
Apparent Resistivity Calculated from Inductive Coupling is 43.79

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339 D= 5 N=1 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.62E8	2.0968	20.2	.2	1	-298.2	-216.8	27.3	.2	1
9	1.90E8	1.0324	4.0	.0	1	-525.0	-362.3	31.0	.0	1
8	1.30E7	1.4021	-7.3	.0	1	-508.9	-442.5	13.0	.0	1
7	1.02E5	1.0733	-5.0	.1	1	-344.6	-351.4	-2.0	.3	1
6	.9314	.9463	-1.6	.0	1	-186.5	-191.6	-2.7	.2	1
5	.9118	.9224	-1.2	.0	1	-77.3	-76.8	.7	.3	1
4	.9184	.9313	-1.4	.0	1	-14.1	-13.2	6.7	1.6	1
3	.9353	.9496	-1.5	.0	1	16.4	20.1	-22.7	1.4	1
2	.9551	.9714	-1.7	.0	1	35.5	37.6	-5.9	.3	1
1	.9770	.9950	-1.8	.0	1	45.9	46.9	-2.1	.3	1
0	1.0000	1.0199	-2.0	.1	1	52.8	51.7	2.2	.3	1
-1	1.0259	1.0459	-1.9	.1	1	58.4	53.8	7.8	.2	1
-2	1.0552	1.0724	-1.6	.1	1	62.9	54.3	13.7	2.7	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambca	Rchsq	R0	M1	T1	T2
0	1.E-02	.34703	2.560	.676	4.9E+02	2.3E-06
1	1.E-02	.21427	2.062	.577	2.3E+03	2.0E-06
2	1.E-03	.16317	3.315	.810	3.8E+04	4.2E-06
3	1.E-03	.06070	2.166	.680	5.6E+02	7.2E-06
4	1.E-02	.01519	2.121	.613	1.9E+02	8.3E-06
5	1.E-02	.01313	1.858	.556	6.0E+01	9.8E-06
6	1.E-02	.01126	1.649	.501	1.8E+01	1.1E-05
7	1.E-02	.00948	1.503	.453	5.4E+00	1.3E-05
8	1.E-03	.00902	1.230	.362	2.9E-01	1.8E-05
9	1.E-04	.00697	1.282	.377	2.5E-01	1.9E-05

Pct Std Deviations 4.4 6.0 166.2 12.5

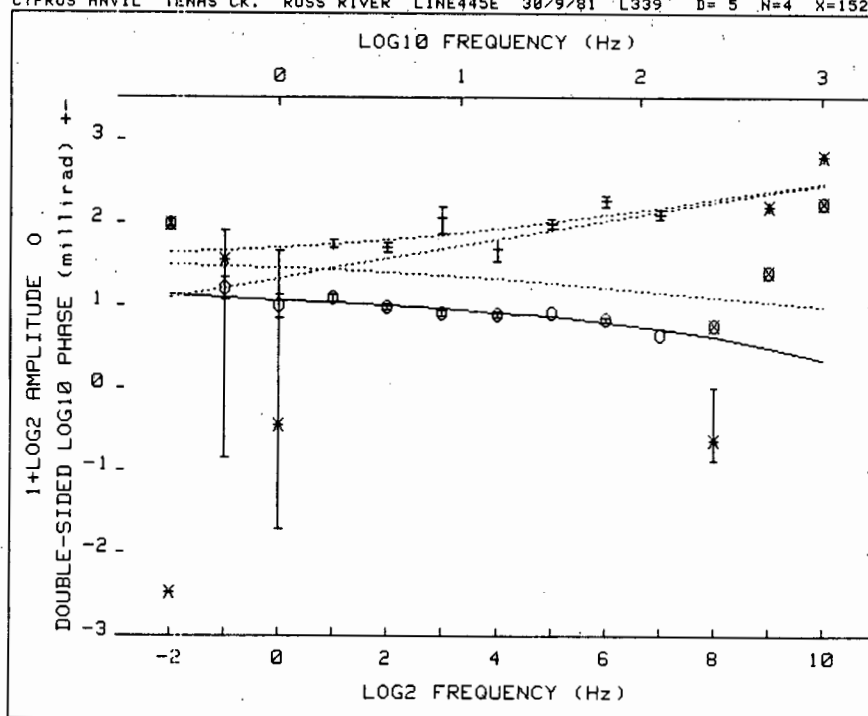
Correlation Matrix

1.000			
.840	1.000		
.875	.709	1.000	
-.678	-.421	-.872	1.000

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339 D= 5 N=2 X=152m

Apparent Resistivity Measured at 1 Hz is 45.11
Apparent Resistivity Calculated from Inductive Coupling is 2447

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0443	.8883	14.9	.1	1	12.4	-144.9	999.0	.8	0
9	.9277	.8774	5.4	.0	1	-39.0	-58.0	-48.8	1.8	1
8	.8735	.8843	-1.2	.1	1	-15.0	-11.1	26.0	5.3	1
7	.8780	.8966	-2.1	.1	1	18.0	13.9	22.7	6.7	1
6	.8941	.9113	-1.9	.2	1	31.8	27.7	12.9	9.5	1
5	.9135	.9277	-1.6	.0	1	31.7	35.8	-12.8	2.5	1
4	.9248	.9455	-2.2	.1	1	34.7	40.7	-17.4	3.8	1
3	.9359	.9646	-2.6	.3	1	45.6	43.9	3.8	6.8	1
2	.9609	.9848	-2.5	.2	1	45.1	45.7	-1.4	1.5	1
1	.9867	1.0058	-1.9	.4	1	48.5	46.6	3.9	1.0	1
0	1.0000	1.0274	-2.7	.9	1	51.0	46.6	8.7	2.4	1
-1	1.0249	1.0491	-2.4	1.4	1	49.7	45.8	7.9	4.8	1
-2	1.0656	1.0707	-.5	.9	1	40.2	44.3	-10.2	66.9	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.04211	1.200	.305	1.7E+00	6.1E-05	.777
1	1.E-02	.01700	1.371	.383	1.6E+00	3.1E-05	.565
2	1.E-03	.01643	1.332	.315	1.8E+00	1.6E-05	.414
3	1.E-04	.01606	1.331	.273	3.5E+00	1.8E-05	.382
4	1.E-04	.01604	1.344	.279	4.7E+00	1.8E-05	.389

Pct Std Deviations 999.9 999.9 999.9 999.9 999.9

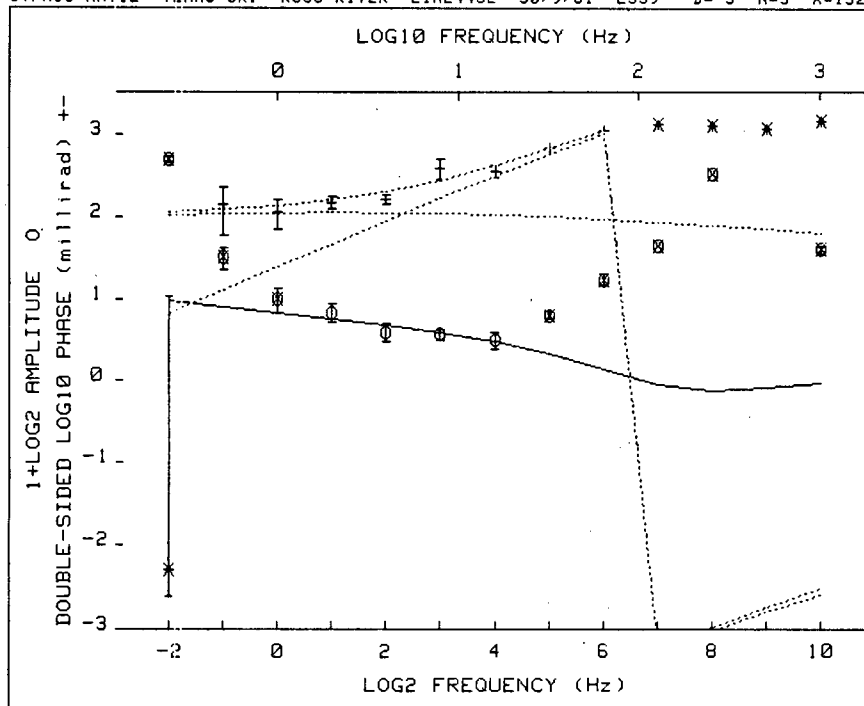
Correlation Matrix

1.000				
.953	1.000			
.998	.932	1.000		
-.990	-.959	-.984	1.000	
-.969	-.850	-.981	.954	1.000

Apparent Resistivity Measured at 1 Hz is 17.39

Apparent Resistivity Calculated from Inductive Coupling is 70.85

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.3437	.5369	72.8	.1	0	625.2	295.5	52.7	.2	0
9	1.3235	.7080	46.5	.2	0	157.4	235.9	-49.9	2.2	0
8	.8421	.7705	8.3	.6	0	-4.3	188.7	999.0	76.7	0
7	.7803	.8245	-5.7	1.2	1	126.4	151.7	-20.0	14.6	1
6	.8865	.8708	1.8	2.3	1	182.1	122.8	32.6	15.8	1
5	.9421	.9105	3.4	.1	1	95.3	100.6	-5.6	12.7	1
4	.9264	.9447	-1.8	2.4	1	48.5	83.8	-72.8	29.1	1
3	.9427	.9746	-3.4	2.5	1	114.9	71.2	38.0	34.1	1
2	.9902	1.0013	-1.1	2.5	1	50.3	62.0	-23.2	12.1	1
1	1.0646	1.0258	3.6	3.2	1	55.4	55.2	.4	10.5	1
0	1.0000	1.0486	-4.9	9.1	1	-2.8	50.2	999.0	1710.7	0
-1	1.1562	1.0703	7.4	9.1	1	36.1	46.6	-29.0	119.7	0
-2	1.9854	1.0913	45.0	3.3	0	-381.5	43.8	114.5	57.3	0



CRL: Number of dispersions= 2
T1=1 C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	M2	T2	C2
0	1.E-02	.07482	1.540	.690	.241	2.0E-03	.878
1	1.E-02	.01022	1.612	.725	.523	3.0E-03	.948
2	1.E-03	.00829	1.543	.690	.629	2.1E-03	.879
3	1.E-04	.00826	1.539	.687	.708	1.7E-03	.863

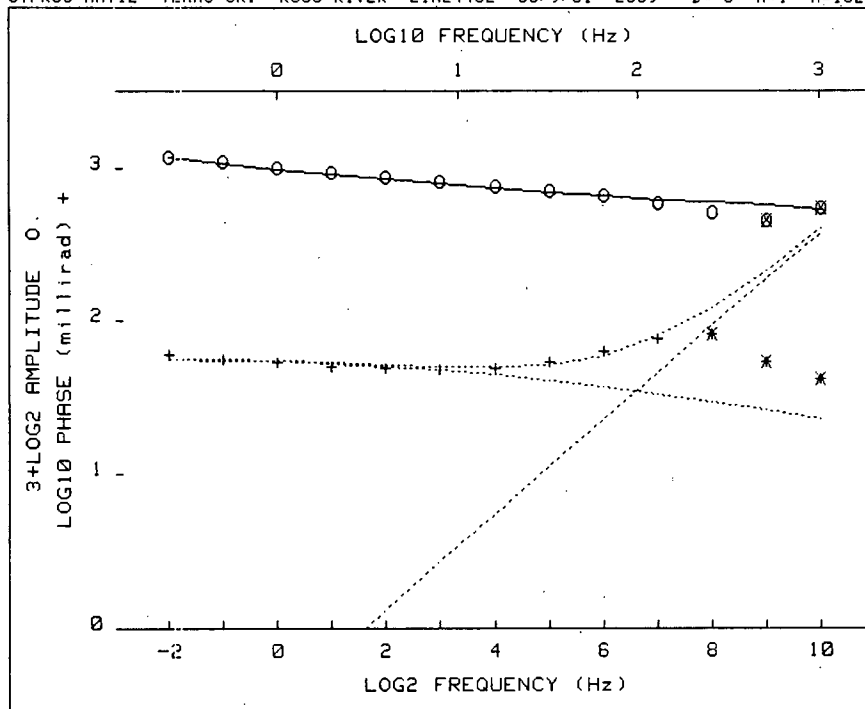
Pct Std Deviations 14.8 23.8 999.9 999.9 72.5

Correlation Matrix

1.000				
.950	1.000			
-.707	-.797	1.000		
.650	.748	-.995	1.000	
.743	.865	-.963	.955	1.000

Apparent Resistivity Measured at 1 Hz is 5.060
Apparent Resistivity Calculated from Inductive Coupling is 99.74

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.5127	.4913	67.5	3.4	0	1431.6	-334.1	123.3	.0	0
9	7.8452	.4691	94.0	.0	0	1162.4	-568.4	148.9	.1	0
8	2.8370	.4567	83.9	.1	0	1234.3	-960.9	177.8	.4	0
7	1.5534	.4797	69.1	1.7	0	1321.0	-1508.2	214.2	1.0	0
6	1.1751	.5482	53.5	4.7	0	1094.7	1080.4	1.3	3.6	1
5	.8728	.6289	28.0	3.2	0	677.2	670.2	1.0	.9	1
4	.7000	.6960	.6	7.0	1	356.0	417.9	-17.4	17.6	1
3	.7425	.7501	-1.0	4.6	1	389.0	276.2	29.0	25.8	1
2	.7569	.7980	-5.4	7.5	1	165.0	199.8	-21.1	13.7	1
1	.8943	.8440	5.6	7.8	1	150.9	158.9	-5.3	16.5	1
0	1.0000	.8903	11.0	10.3	0	115.7	136.3	-17.8	38.0	1
-1	1.4155	.9372	33.9	9.4	0	145.1	122.7	15.4	59.7	1
-2	3.2357	.9848	69.6	2.2	0	-196.7	113.2	157.6	105.5	0



CRL: Number of dispersions= 2
C1=.25 M2=1 C2=1 fixed

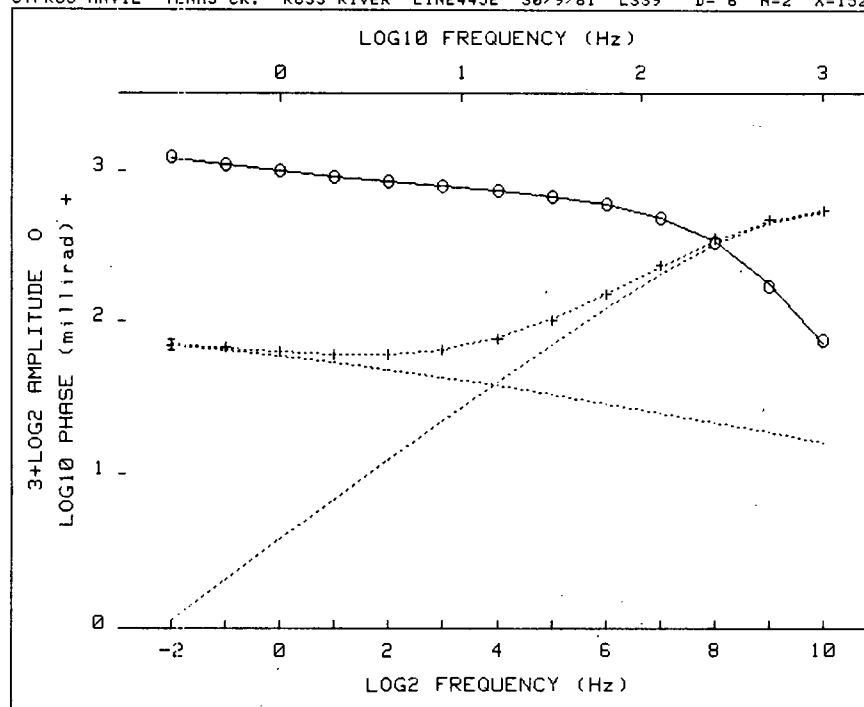
Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00113	1.323	.425	5.4E-01	2.3E-05
1	1.E-02	.00078	1.323	.422	6.1E-01	3.2E-05
2	1.E-03	.00069	1.349	.425	1.1E+00	3.5E-05
3	1.E-04	.00067	1.370	.430	1.5E+00	3.6E-05
4	1.E-05	.00067	1.374	.431	1.5E+00	3.6E-05

Pct Std Deviations 3.0 2.8 78.6 10.9

Correlation Matrix 1.000
 .923 1.000
 .948 .816 1.000
 .264 .063 .404 1.000

Apparent Resistivity Measured at 1 Hz is 160.7
Apparent Resistivity Calculated from Inductive Coupling is 481.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8338	.8269	.8	.1	0	41.6	398.0	-856.8	.5	0
9	.7854	.8419	-7.2	.0	0	53.8	213.8	-297.4	.2	0
8	.8121	.8528	-5.0	.0	1	81.1	122.5	-51.1	.0	0
7	.8560	.8641	-1.7	.0	1	75.6	79.0	-4.5	.2	1
6	.8765	.8771	.2	.0	1	63.3	59.4	6.1	.3	1
5	.8957	.8919	.9	.0	1	53.6	51.6	3.7	.4	1
4	.9168	.9087	1.1	.0	1	49.3	49.6	-.6	.3	1
3	.9370	.9274	1.0	.0	1	47.4	50.2	-5.9	.2	1
2	.9566	.9479	.9	.0	1	48.9	51.8	-5.9	.0	1
1	.9777	.9703	.8	.0	1	50.3	53.5	-6.4	.2	1
0	1.0000	.9941	.6	.0	1	53.1	54.9	-3.5	.2	1
-1	1.0242	1.0192	.5	.0	1	56.3	55.7	1.0	.2	1
-2	1.0517	1.0452	.6	.0	1	60.3	55.8	7.5	1.2	1



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00008	1.948	.577	1.2E+02	.334	3.2E-04	.831
1	1.E-02	.00008	1.948	.577	1.2E+02	.337	3.2E-04	.830
2	1.E-03	.00008	1.949	.577	1.2E+02	.337	3.2E-04	.830

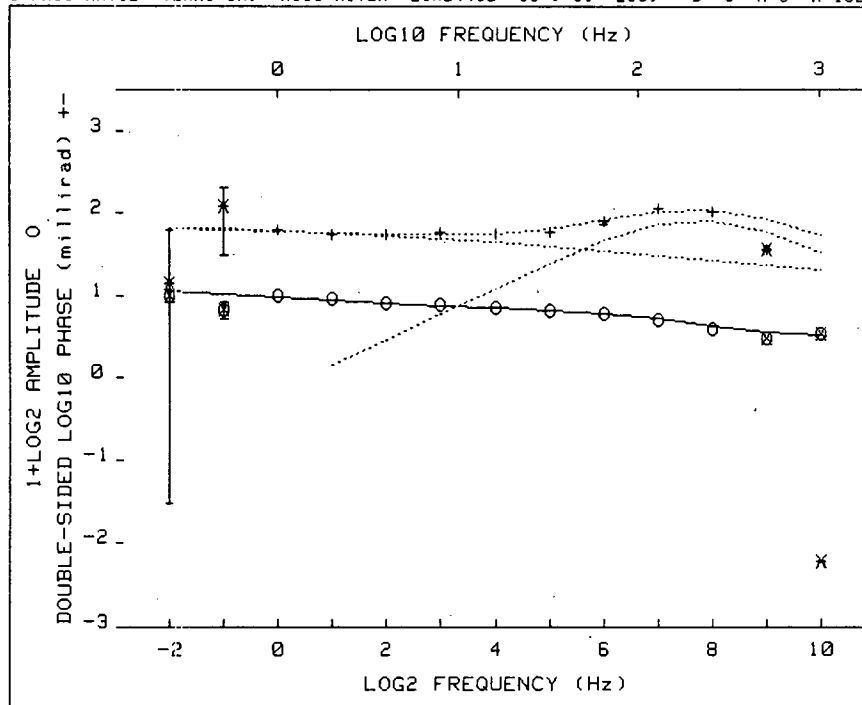
Pct Std Deviations 6.7 4.4 91.7 5.7 2.5 1.2

Correlation Matrix

1.000
.998 1.000
.996 .991 1.000
-.959 -.965 -.945 1.000
-.091 -.088 -.109 -.149 1.000
-.601 -.575 -.634 .403 .563 1.000

Apparent Resistivity Measured at 1 Hz is 92.48
Apparent Resistivity Calculated from Inductive Coupling is 228.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.4579	.4513	1.4	.1	1	542.2	540.3	.3	.1	1
9	.5871	.5941	-1.2	.0	1	473.1	464.9	1.7	.1	1
8	.7158	.7203	-.6	.1	1	353.8	342.2	3.3	.1	1
7	.8044	.8044	-.0	.0	1	233.2	229.3	1.7	.2	1
6	.8533	.8539	-.1	.2	1	150.1	150.4	-.2	1.2	1
5	.8844	.8850	-.1	.0	1	100.2	103.0	-2.8	.5	1
4	.9062	.9082	-.0	.0	1	75.4	77.2	-2.4	.4	1
3	.9274	.9291	-.2	.1	1	64.3	64.8	-.8	.5	1
2	.9476	.9502	-.3	.0	1	60.9	60.4	.9	.6	1
1	.9730	.9730	-.0	.1	1	60.7	60.4	.4	.2	1
0	1.0000	.9983	.2	.2	1	63.3	63.0	.5	.3	1
-1	1.0251	1.0266	.2	.3	1	67.1	66.8	.4	1.5	1
-2	1.0642	1.0581	.6	.2	1	70.2	71.1	-1.2	7.3	1



CRL: Number of dispersions= 2
C1=.25 C2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	M2	T2
0	1.E-02	.00046	1.572	.498	1.0E+01	.079	8.8E-04
1	1.E+01	.00046	1.572	.498	1.0E+01	.079	8.8E-04

Pct Std Deviations 11.8 10.3 319.4 9.0 10.2

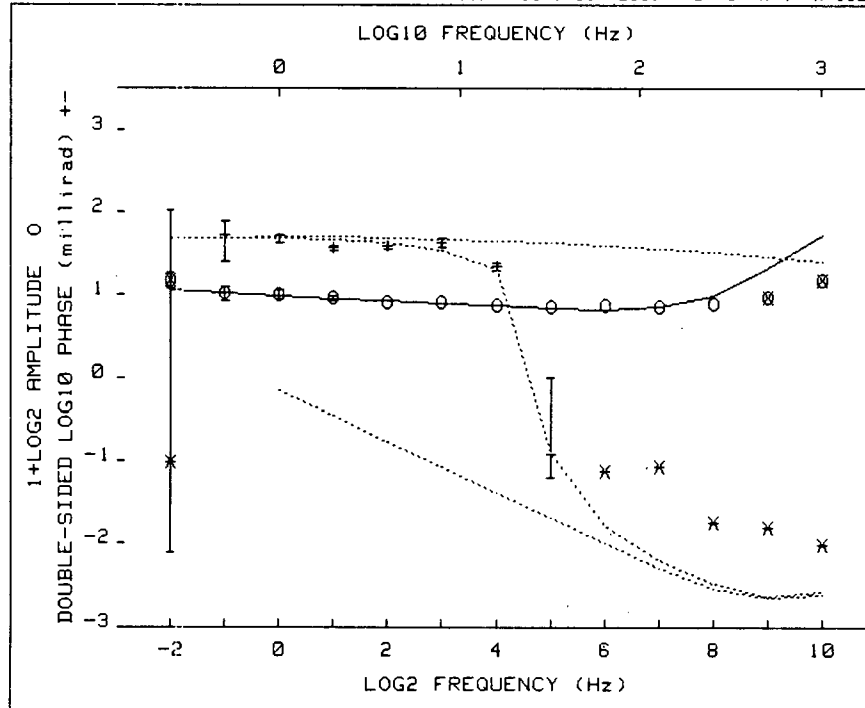
Correlation Matrix

1.000					
.997	1.000				
.994	.987	1.000			
-.827	-.839	-.805	1.000		
.448	.415	.473	-.555	1.000	

Apparent Resistivity Measured at 1 Hz is 54.79

Apparent Resistivity Calculated from Inductive Coupling is 1239

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7281	.7138	.9	.1	0	-165.6	53.2	132.1	.3	0
9	.6956	.7329	-5.7	.2	0	36.1	79.8	-121.0	5.8	0
8	.7551	.7713	-2.2	.3	1	102.1	105.1	-2.9	2.0	1
7	.8166	.8230	-.5	.7	1	109.7	102.6	6.5	1.9	1
6	.8627	.8609	.2	.6	1	77.2	79.9	-3.5	6.4	1
5	.8810	.8837	-.3	.5	1	56.8	62.8	-10.5	5.3	1
4	.9056	.9020	.4	.1	1	55.3	55.2	.1	2.6	1
3	.9254	.9208	.5	.6	1	57.6	53.7	6.8	4.0	1
2	.9431	.9415	.2	.4	1	55.4	55.1	.5	2.4	1
1	.9713	.9646	.7	.8	1	55.1	57.8	-4.9	2.0	1
0	1.0000	.9901	1.0	1.5	1	61.4	60.9	.8	2.9	1
-1	.8913	1.0180	-14.2	7.2	0	117.6	63.7	45.8	73.1	0
-2	.9951	1.0481	-4.9	4.6	0	14.4	66.0	-358.0	329.2	0



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2
0	1.E-02	.00947	1.698	.517	1.2E+02	8.4E-05
1	1.E-02	.00454	1.832	.550	8.8E+01	9.6E-05
2	1.E-02	.00440	1.784	.538	6.6E+01	1.0E-04
3	1.E-02	.00426	1.735	.526	5.0E+01	1.0E-04
4	1.E-02	.00412	1.689	.514	3.7E+01	1.1E-04
5	1.E-02	.00398	1.645	.502	2.8E+01	1.1E-04
6	1.E-03	.00392	1.388	.430	3.9E+00	1.4E-04
7	1.E-03	.00278	1.317	.402	1.1E+00	1.6E-04
8	1.E-04	.00266	1.265	.389	3.9E-01	1.7E-04
9	1.E-05	.00261	1.268	.393	3.8E-01	1.7E-04

Pct Std Deviations 5.4 4.6 269.8 13.4

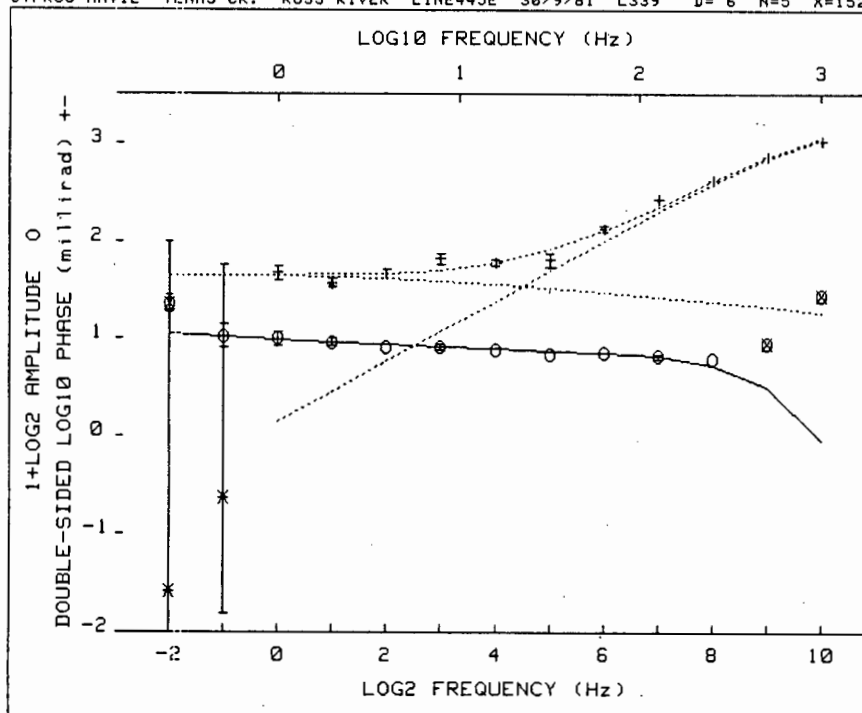
Correlation Matrix

1.000			
.793	1.000		
.954	.667	1.000	
-.879	-.487	-.966	1.000

CYPRUS ANVIL TENAS CK. ROSS RIVER LINE445E 30/9/81 L339 D= 6 N=4 X=152m

Apparent Resistivity Measured at 1 Hz is 36.17
Apparent Resistivity Calculated from Inductive Coupling is 805.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1367	1.6478	-45.7	.0	0	-102.9	-378.6	-268.0	1.0	0
9	.9771	1.2500	-27.9	.3	0	-63.8	-424.7	-565.7	6.9	0
8	.9256	.9879	-6.7	.5	1	-56.2	-309.2	-450.2	8.0	0
7	.9072	.8979	1.0	1.7	1	-11.9	-159.8	-999.0	26.9	0
6	.9116	.8842	3.0	1.1	1	-13.4	-61.2	-357.1	75.3	0
5	.8952	.8937	.6	1.5	1	-8.3	-7.9	5.3	89.7	1
4	.9288	.9099	1.2	.1	1	21.8	20.0	8.3	11.6	1
3	.9365	.9287	.8	1.7	1	42.4	34.6	18.4	12.7	1
2	.9350	.9489	-1.1	1.0	1	38.9	42.3	-8.8	9.5	1
1	.9750	.9701	.3	2.2	1	36.8	46.3	-25.7	7.1	1
0	1.0000	.9921	.8	4.0	1	48.0	48.0	.1	11.1	1
-1	1.0120	1.0144	-.2	6.3	1	51.8	48.1	7.1	51.5	1
-2	1.1276	1.0368	8.1	6.5	0	-10.5	47.3	550.0	1105.7	0



CRL: Number of dispersions= 2
T1=1 C1=.25 C2=1 fixed

Iter	Lambca	Rchsq	R0	M1	M2	T2
0	1.E-02	.00386	1.340	.382	.679	2.5E-04
1	1.E-02	.00269	1.273	.358	.714	2.4E-04
2	1.E-03	.00269	1.273	.357	.718	2.4E-04

Pct Std Deviations 2.1 5.1 12.1 17.1

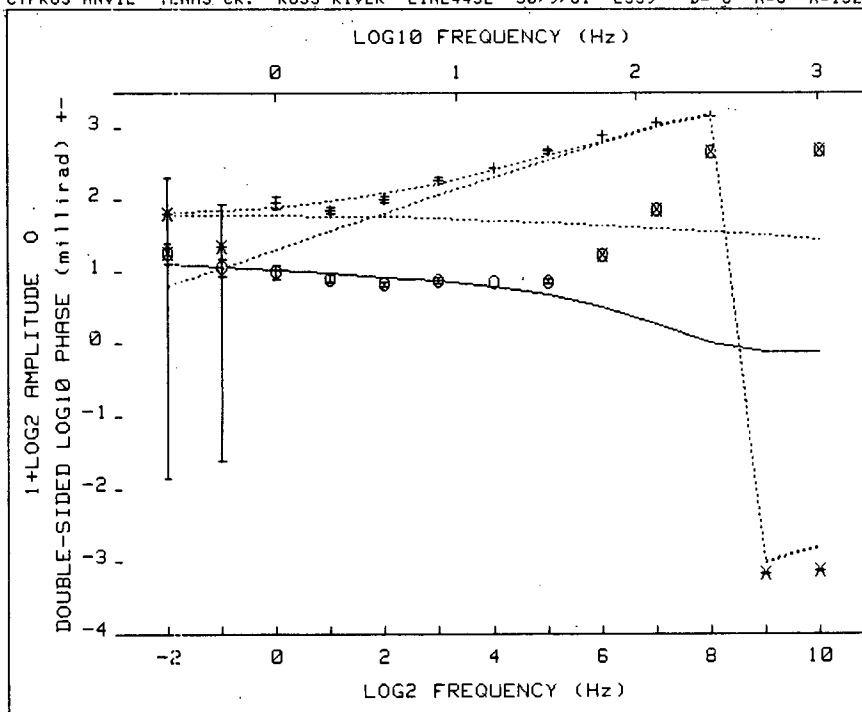
Correlation Matrix

1.000			
.823	1.000		
-.145	-.031	1.000	
-.124	-.299	-.857	1.000

Apparent Resistivity Measured at 1 Hz is 42.84

Apparent Resistivity Calculated from Inductive Coupling is 1150

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.3458	.4860	64.0	.1	0	1031.1	1103.0	-7.0	.2	1
9	.9642	.7013	27.3	.2	0	702.9	715.4	-1.8	1.1	1
8	.8644	.8271	4.3	1.0	1	415.0	406.5	2.1	.8	1
7	.8744	.8760	-.2	1.8	1	265.3	222.2	16.2	4.1	1
6	.8961	.8969	-.1	1.5	1	131.4	127.0	3.3	7.9	1
5	.8869	.9112	-2.7	1.7	1	63.3	80.7	-27.5	16.6	1
4	.9221	.9252	-.3	.4	1	58.8	59.1	-.4	8.5	1
3	.9375	.9403	-.3	2.2	1	65.0	49.6	23.7	12.5	1
2	.9373	.9568	-2.1	1.4	1	45.9	45.9	.0	10.9	1
1	.9740	.9746	-.1	2.9	1	37.2	44.8	-20.3	8.1	1
0	1.0000	.9935	.7	5.4	1	47.0	44.5	5.2	16.0	1
-1	1.0201	1.0132	.7	8.1	1	-4.4	44.4	999.0	1397.7	0
-2	1.2848	1.0335	19.6	6.0	0	-39.1	44.0	212.5	349.9	0



CRL: Number of dispersions= 2
 T1=1 C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	M2	T2	C2
0	1.E-02	.00866	1.429	.463	.939	9.7E-04	.808
1	1.E+03	.00865	1.429	.463	.939	9.7E-04	.808

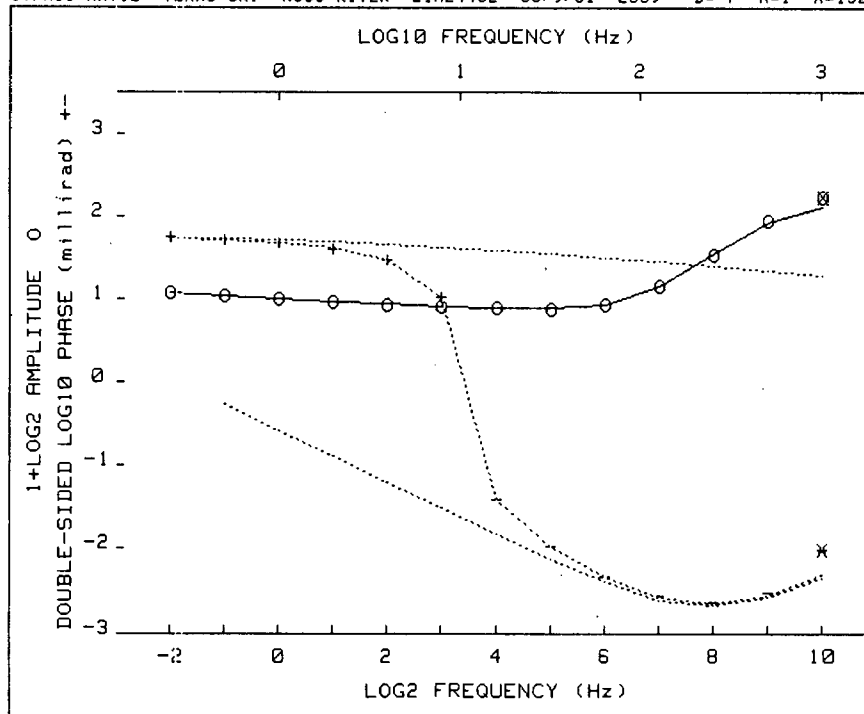
Pct Std Deviations 15.0 49.2 377.6 999.9 51.7

Correlation Matrix

1.000					
.977	1.000				
-.774	-.829	1.000			
.701	.763	-.992	1.000		
.818	.886	-.969	.954	1.000	

Apparent Resistivity Measured at 1 Hz is 16.56
 Apparent Resistivity Calculated from Inductive Coupling is 147.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	3.1943	.4630	85.5	.1	0	-1399.8	-619.3	55.8	.0	0
9	6.0203	.4573	92.4	.0	0	-1556.8	-1031.4	33.8	.1	0
8	3.1479	.5006	84.1	.1	0	1432.0	1569.5	-9.6	.3	1
7	1.8158	.6005	66.9	.2	0	1179.0	1050.5	10.9	1.4	1
6	1.1665	.7137	38.8	1.3	0	801.6	663.1	17.3	3.1	1
5	.9102	.8039	11.7	2.3	1	477.6	411.5	13.8	7.2	1
4	.9065	.8678	4.5	.9	1	279.5	260.8	7.0	3.0	1
3	.9170	.9146	.3	2.9	1	189.3	172.8	8.7	10.0	1
2	.8858	.9523	-7.0	2.3	1	102.2	123.9	-21.2	8.4	1
1	.9403	.9858	-4.8	4.1	1	73.0	96.8	-32.6	11.9	1
0	1.0000	1.0174	-1.7	6.4	1	94.7	81.6	13.8	18.4	1
-1	1.0515	1.0484	.3	8.5	1	22.7	72.8	-220.7	287.4	0
-2	1.2000	1.0792	10.5	9.3	0	66.6	67.1	-.8	206.6	0



CRL: Number of dispersions= 2 Negative.
C1=2.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00299	1.290	.422	2.0E-01	5.5E-04
1	1.E-02	.00103	1.286	.389	4.5E-01	4.9E-04
2	1.E-03	.00054	1.372	.407	2.4E+00	4.4E-04
3	1.E-04	.00017	1.422	.428	3.8E+00	4.2E-04
4	1.E-05	.00016	1.423	.428	3.7E+00	4.2E-04
5	1.E-01	.00016	1.423	.428	3.7E+00	4.2E-04

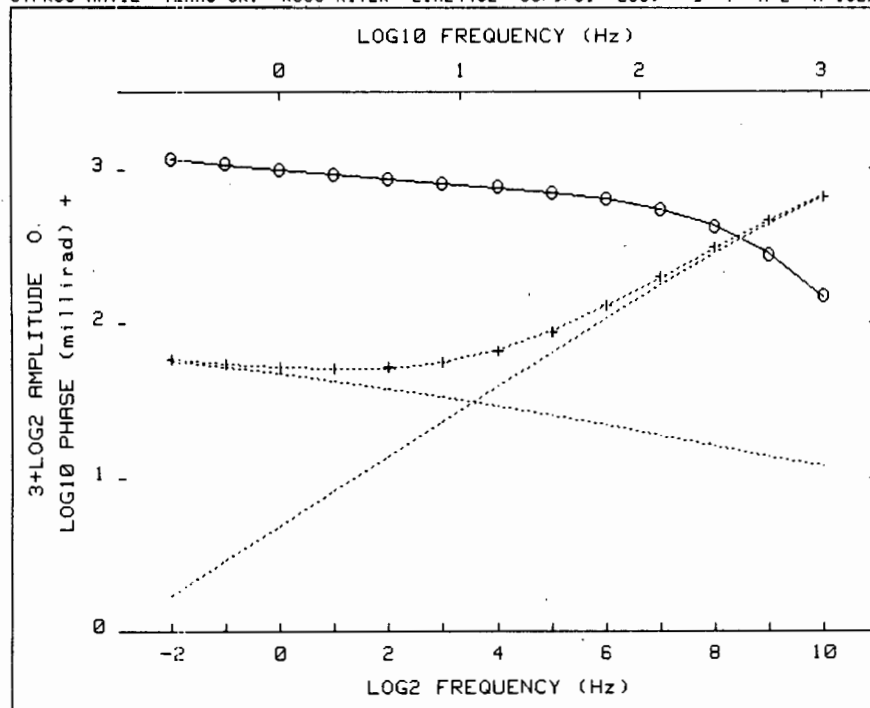
Pct Std Deviations 1.3 1.4 23.6 2.0

Correlation Matrix

1.000			
.941	1.000		
.963	.899	1.000	
-.866	-.733	-.922	1.000

Apparent Resistivity Measured at 1 Hz is 78.65
Apparent Resistivity Calculated from Inductive Coupling is 41.17

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.3484	2.1554	8.2	.0	0	-101.3	-208.6	-106.0	.4	0
9	1.9374	1.9031	1.8	.0	1	-332.7	-355.0	-6.7	.2	1
8	1.4541	1.4661	-.8	.0	1	-432.2	-450.9	-4.3	.0	1
7	1.1063	1.1065	.2	.0	1	-362.8	-376.8	-3.9	.0	1
6	.9565	.9562	.0	.0	1	-214.8	-216.8	-.9	.3	1
5	.9156	.9217	-.2	.0	1	-95.2	-94.9	.3	.3	1
4	.9234	.9252	-.2	.0	1	-25.4	-25.9	-2.1	.9	1
3	.9366	.9398	-.1	.0	1	10.7	10.7	-.1	1.3	1
2	.9572	.9584	-.1	.0	1	29.9	30.4	-1.8	.3	1
1	.9780	.9792	-.1	.0	1	40.5	41.5	-2.5	.3	1
0	1.0000	1.0019	-.2	.0	1	47.5	48.0	-1.1	.2	1
-1	1.0246	1.0261	-.1	.1	1	52.5	51.9	1.2	.2	1
-2	1.0513	1.0516	-.0	.0	1	57.3	54.0	5.8	1.4	1



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.01086	1.949	.577	1.2E+02	.337	3.2E-04	.830
1	1.E-02	.00123	1.772	.518	1.3E+02	.479	1.7E-04	.736
2	1.E-03	.00007	1.787	.517	1.4E+02	.579	1.2E-04	.731
3	1.E-04	.00004	1.819	.526	1.7E+02	.577	1.2E-04	.737
4	1.E-05	.00004	1.845	.532	2.0E+02	.571	1.2E-04	.736

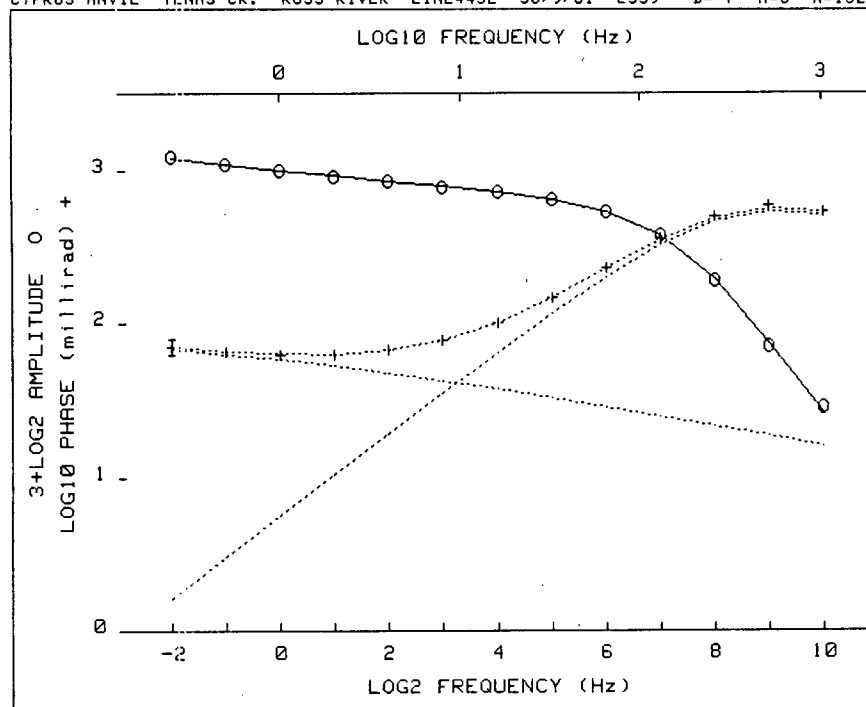
Pct Std Deviations 5.7 4.7 82.6 4.8 3.9 1.2

Correlation Matrix

1.000						
.999	1.000					
.997	.994	1.000				
-.919	-.924	-.903	1.000			
-.406	-.394	-.434	.034	1.000		
-.675	-.653	-.704	.412	.817	1.000	

Apparent Resistivity Measured at 1 Hz is 115.5
Apparent Resistivity Calculated from Inductive Coupling is 231.8

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5661	.5621	.7	.0	1	659.5	669.3	-1.5	.0	1
9	.6773	.6841	-1.0	.0	1	459.6	455.3	.9	.0	1
8	.7761	.7729	.4	.1	1	307.1	299.9	2.3	.0	1
7	.8324	.8321	.0	.0	1	197.4	195.8	.8	.1	1
6	.8768	.8714	.6	.1	1	129.5	130.1	-.5	1.3	1
5	.8954	.8991	.0	.0	1	88.5	90.7	-2.5	.5	1
4	.9215	.9208	.1	.0	1	67.0	68.3	-2.0	.6	1
3	.9356	.9399	-.0	.0	1	56.1	56.6	-.9	.3	1
2	.9576	.9583	-.1	.0	1	52.3	51.6	1.4	.6	1
1	.9776	.9775	.0	.0	1	50.9	50.6	.5	.2	1
0	1.0000	.9983	.2	.1	1	52.1	52.2	-.2	.2	1
-1	1.0251	1.0214	.4	.2	1	54.7	55.2	-.8	.7	1
-2	1.0523	1.0469	.5	.1	1	58.9	58.9	.1	4.8	1



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambca	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.06770	1.045	.532	2.0E+02	.571	1.2E-04	.736
1	1.E-02	.03069	1.893	.549	2.1E+02	.296	6.1E-04	.641
2	1.E-03	.00487	2.070	.625	1.3E+02	.295	6.2E-04	.907
3	1.E-04	.00107	1.749	.548	4.3E+01	.365	6.4E-04	.875
4	1.E-05	.00010	1.877	.560	8.7E+01	.348	6.4E-04	.858
5	1.E-06	.00010	1.898	.564	9.6E+01	.344	6.4E-04	.859

Pct Std Deviations 7.7 5.4 123.2 6.6 1.6 1.1

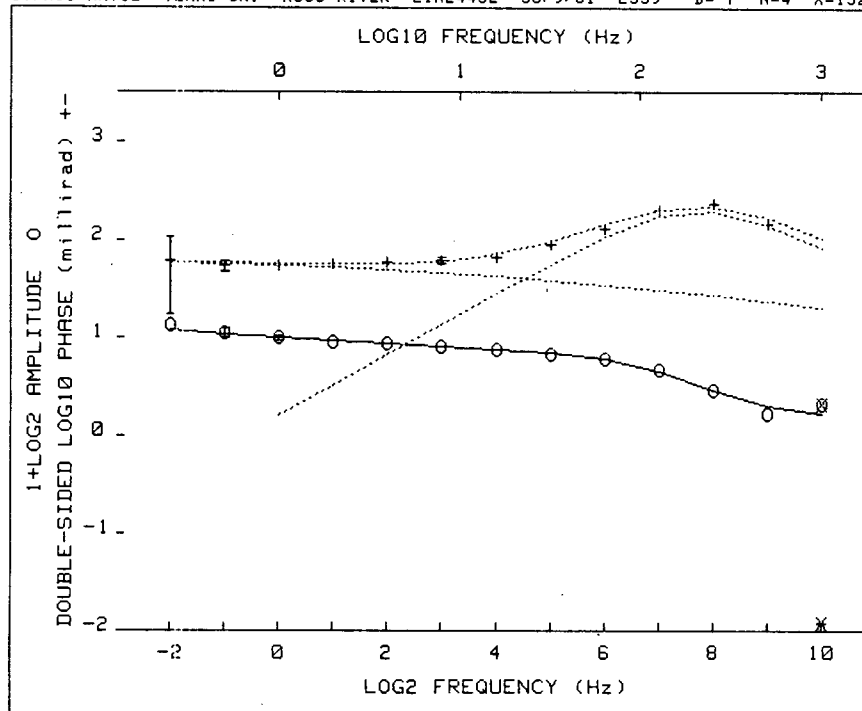
Correlation Matrix

1.000						
.998	1.000					
.996	.990	1.000				
-.985	-.990	-.974	1.000			
.175	.166	.171	-.262	1.000		
-.610	-.581	-.642	.491	.200	1.000	

Apparent Resistivity Measured at 1 Hz is 98.24

Apparent Resistivity Calculated from Inductive Coupling is 236.8

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.3422	.3357	1.9	.1	1	533.0	526.1	1.3	.1	1
9	.4524	.4571	-1.0	.1	1	579.2	553.9	4.4	.1	1
8	.6067	.5095	-4	.1	1	493.6	477.0	3.4	.0	1
7	.7432	.7425	.1	.1	1	353.4	346.0	2.1	.1	1
6	.8264	.8273	.1	.4	1	228.0	227.7	.1	1.8	1
5	.8743	.8753	-.1	.1	1	147.2	148.0	-.5	.6	1
4	.9043	.9056	-.1	.0	1	100.1	101.9	-1.8	.5	1
3	.9272	.9292	-.2	.1	1	77.7	77.9	-.3	.8	1
2	.9467	.9514	-.3	.1	1	67.9	67.0	1.3	.2	1
1	.9719	.9745	-.3	.1	1	63.8	63.6	.3	1.0	1
0	1.0000	.9998	.0	.4	1	63.9	64.2	-.4	.7	1
-1	1.0257	1.0279	.2	.7	1	66.0	66.8	-1.3	1.9	1
-2	1.0634	1.0590	.4	.2	1	70.8	70.4	.6	11.6	1



CRL: Number of dispersions= 2
C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2
0	1.E-02	.00111	1.458	.456	3.6E+00	.175	9.7E-04
1	1.E-02	.00098	1.452	.449	3.6E+00	.185	9.4E-04
2	1.E-03	.00098	1.454	.450	3.7E+00	.185	9.5E-04

Pct Std Deviations 5.9 5.2 180.9 4.8 6.5

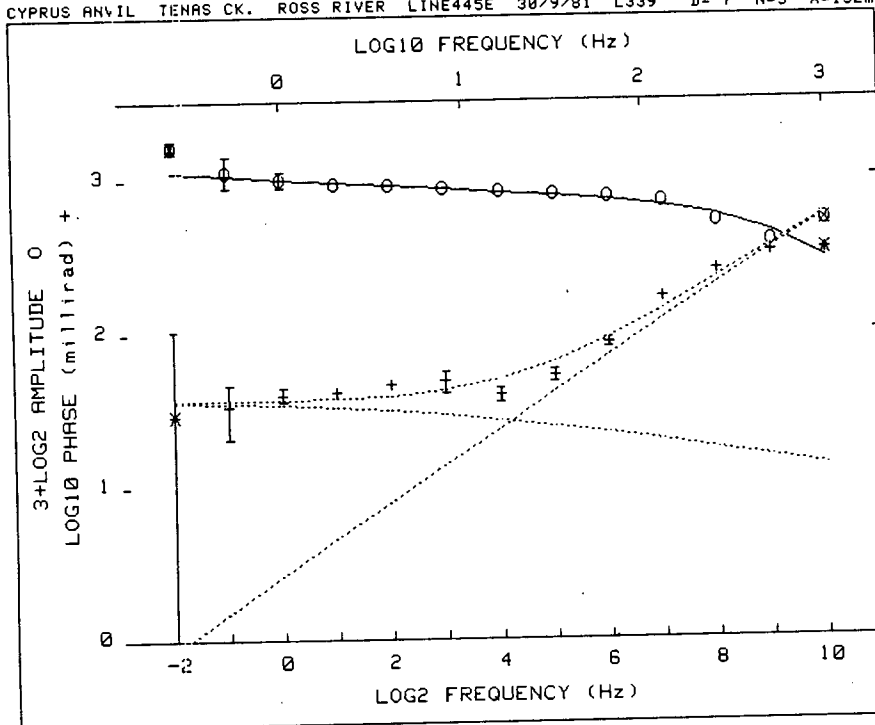
Correlation Matrix

1.000				
.959	1.000			
.975	.899	1.000		
-.613	-.712	-.541	1.000	
.314	.195	.348	-.262	1.000

Apparent Resistivity Measured at 1 Hz is 79.77

Apparent Resistivity Calculated from Inductive Coupling is 794.5

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6238	.5863	5.9	.0	0	-84.6	103.4	222.2	2.4	0
9	.5847	.6185	-5.8	.4	1	142.9	162.5	-13.7	1.7	1
8	.6869	.6905	-.2	.0	1	227.4	214.5	5.7	.7	1
7	.7957	.7906	1.1	.2	1	195.2	199.4	-2.2	.2	1
6	.8558	.8605	-.1	.7	1	129.3	140.0	-8.3	2.4	1
5	.8934	.8949	-.2	.4	1	87.6	93.9	-7.2	3.9	1
4	.9173	.9161	.1	.1	1	66.3	70.0	-5.6	1.9	1
3	.9356	.9353	.5	.4	1	61.5	59.7	2.9	6.5	1
2	.9578	.9556	.2	.4	1	59.2	56.3	4.8	1.7	1
1	.9745	.9778	-.3	.8	1	56.1	56.1	-.0	2.1	1
0	1.0000	1.0019	-.2	1.9	1	55.1	57.1	-3.7	4.0	1
-1	1.0375	1.0278	.9	3.5	1	54.2	58.3	-7.5	12.7	1
-2	1.0954	1.0551	3.7	1.3	1	61.0	59.1	3.2	70.8	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

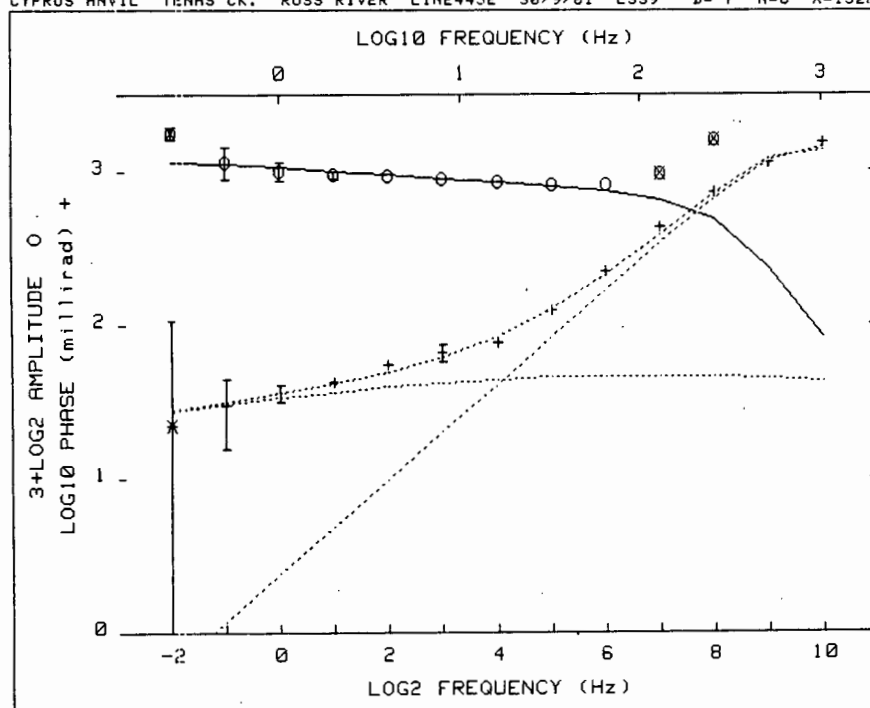
Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00855	1.097	.639	7.9E-05	2.9E-05	.849
1	1.E-02	.00666	1.100	.621	1.1E-04	5.7E-05	.955
2	1.E-03	.00606	1.111	.326	3.6E-03	6.0E-05	.842
3	1.E-03	.00414	1.139	.282	4.9E-02	7.0E-05	.848
4	1.E-03	.00320	1.180	.287	2.5E-01	6.7E-05	.810
5	1.E-03	.00304	1.209	.298	5.2E-01	6.5E-05	.802
6	1.E-04	.00303	1.249	.305	1.7E+00	6.1E-05	.777

Pct Std Deviations 8.0 7.7 999.9 24.5 11.6

Correlation Matrix	1.000				
	.611	1.000			
	.972	.477	1.000		
	-.620	-.189	-.624	1.000	
	-.714	-.038	-.763	.877	1.000

Apparent Resistivity Measured at 1 Hz is 64.24
Apparent Resistivity Calculated from Inductive Coupling is 1372

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.81E9	.6908	15.6	.1	0	329.5	572.3	-73.7	.4	0
9	.74E6	.7816	-4.7	.3	1	321.1	357.9	-11.4	.5	1
8	.82E0	.8406	-2.3	.1	1	249.2	222.2	10.8	.4	1
7	.89E1	.8786	2.0	.2	1	166.8	148.3	15.9	1.5	1
6	.92E4	.9043	1.7	1.0	1	85.7	92.5	-7.9	7.0	1
5	.92E3	.9237	.5	.5	1	52.8	65.4	-23.8	10.2	1
4	.94E9	.9481	.4	.4	1	39.5	50.5	-27.9	10.4	1
3	.95E2	.9552	.4	.8	1	48.4	42.8	11.6	15.9	1
2	.97E6	.9700	.3	.7	1	46.2	39.1	15.3	3.3	1
1	.97E9	.9853	-.7	1.5	1	41.2	37.6	8.7	4.7	1
0	1.00E0	1.0010	-.1	3.6	1	39.9	37.2	6.9	10.6	1
-1	1.03E9	1.0174	1.8	6.8	1	33.6	37.1	-10.3	38.1	1
-2	1.16E0	1.0343	10.8	2.4	0	29.0	36.9	-27.3	268.3	0



CRL: Number of dispersions= 2
C1=.25 M2=1 C2=1 fixed

Iter	Lambca	Rchsq	R0	M1	T1	T2
0	1.E-02	.01361	1.188	.307	3.2E-01	2.2E-04
1	1.E-02	.00177	1.205	.308	2.2E-01	3.4E-04
2	1.E-03	.00127	1.149	.300	3.5E-02	3.6E-04
3	1.E-04	.00122	1.127	.350	4.0E-03	3.5E-04
4	1.E-05	.00096	1.133	.374	3.9E-03	3.4E-04
5	1.E-06	.00096	1.134	.372	4.1E-03	3.4E-04

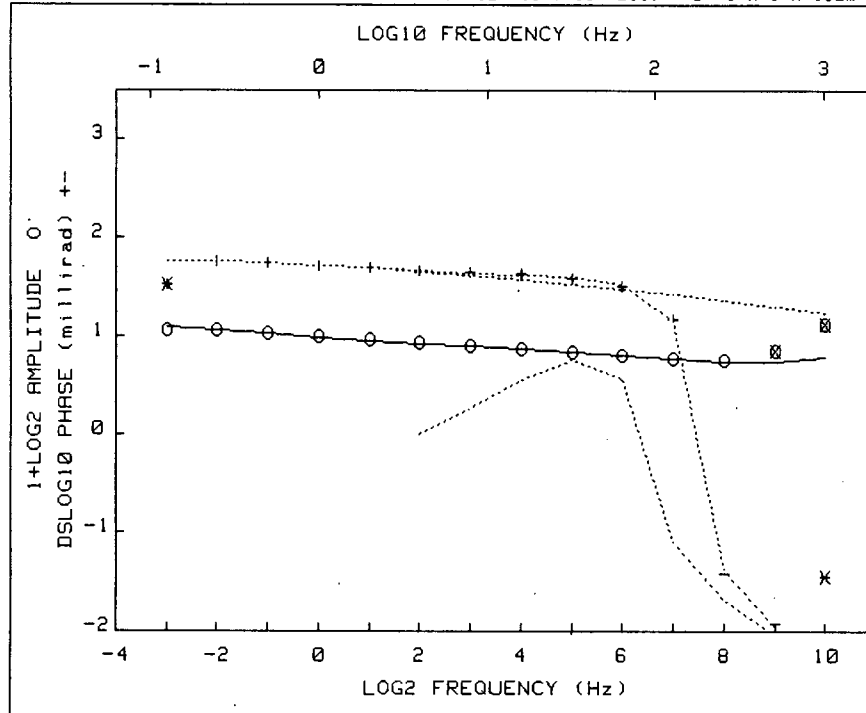
Pct Std Deviations 1.5 16.8 381.7 6.3

Correlation Matrix

1.000			
-.658	1.000		
.760	-.976	1.000	
.323	-.729	.646	1.000

Apparent Resistivity Measured at 1 Hz is 82.15
Apparent Resistivity Calculated from Inductive Coupling is 803.3

F	ObsRrp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	3.2478	.4743	85.4	.0	0	1507.5	1359.7	9.8	.0	1
9	1.7368	.5472	62.7	.0	0	1107.5	1195.9	-8.0	.1	1
8	1.1452	.8004	30.3	.1	0	722.6	702.3	2.8	.1	1
7	.9856	.8760	11.1	.3	0	425.2	385.7	9.3	.8	1
6	.9357	.9094	3.2	1.2	1	224.4	215.0	4.2	3.0	1
5	.9357	.9306	.5	.5	1	125.8	128.3	-2.0	5.1	1
4	.9480	.9492	-.1	.5	1	75.4	84.5	-12.1	4.6	1
3	.9642	.9671	-.3	.9	1	65.7	61.7	6.1	13.4	1
2	.9775	.9845	-.7	.8	1	54.4	49.1	9.8	3.1	1
1	.9813	1.0011	-2.0	1.7	1	42.3	41.3	2.4	4.5	1
0	1.0000	1.0167	-1.7	4.2	1	36.2	35.8	1.0	13.3	1
-1	1.0411	1.0311	1.0	7.7	1	30.0	31.5	-5.1	48.4	1
-2	1.1856	1.0442	12.2	2.7	0	21.9	27.9	-27.2	398.2	0



CRL: Number of dispersions= 3 Negative.
C1=.25 C2=1 M3=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	T3
0	1.E-02	.02227	1.301	.297	5.5E+00	.100	1.0E-02	1.9E-05
1	1.E-01	.01454	1.405	.437	5.2E+00	.048	8.2E-03	1.8E-05
2	1.E-02	.00222	1.455	.453	4.4E+00	.021	4.7E-03	2.0E-05
3	1.E-03	.00048	1.434	.441	3.7E+00	.016	2.2E-03	2.1E-05
4	1.E-04	.00035	1.478	.448	7.2E+00	.022	2.1E-03	2.1E-05
5	1.E-05	.00029	1.492	.453	8.2E+00	.021	2.2E-03	2.0E-05
6	1.E-06	.00029	1.491	.453	8.1E+00	.021	2.2E-03	2.0E-05

Pct Std Deviations 3.9 3.8 85.5 8.4 11.1 5.8

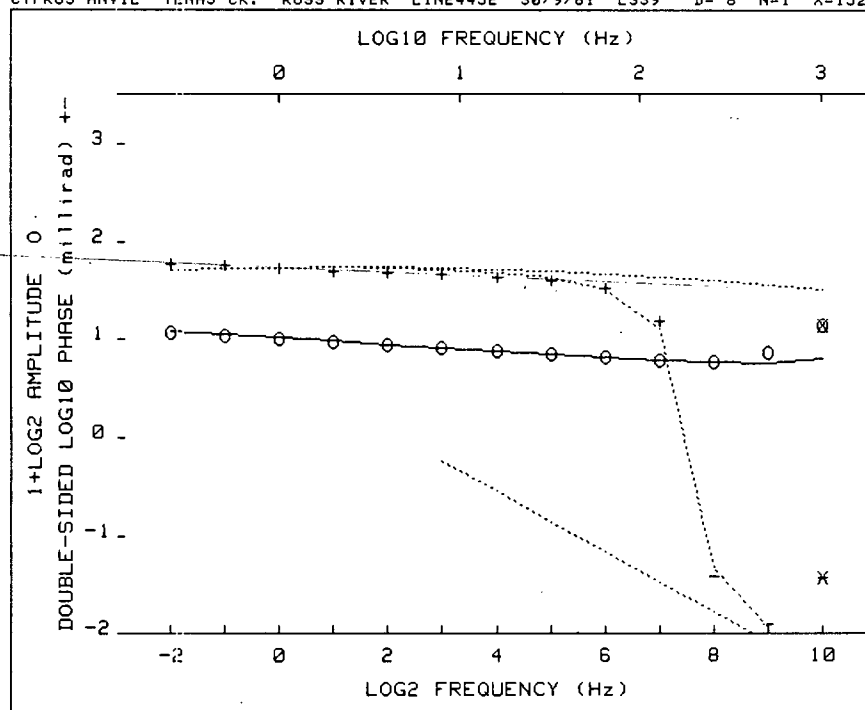
Correlation Matrix

1.000						
.985	1.000					
.984	.954	1.000				
.546	.442	.635	1.000			
.366	.297	.416	.461	1.000		
-.906	-.880	-.917	-.451	-.586	1.000	

Apparent Resistivity Measured at 1 Hz is 92.80

Apparent Resistivity Calculated from Inductive Coupling is 846.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-3	1.0462	1.0759	-2.8	.1	1	33.6	59.1	-76.8	2.4	0
-2	1.0533	1.0478	.5	.0	1	59.4	57.9	2.5	1.2	1
-1	1.0240	1.0213	.3	.1	1	55.8	55.9	-.1	.2	1
0	1.0000	.9966	.3	.0	1	52.4	53.2	-1.6	.2	1
1	.9779	.9739	.4	.0	1	49.7	50.2	-1.0	.2	1
2	.9566	.9533	.3	.0	1	47.7	47.0	1.5	0.0	1
3	.9365	.9346	.2	.0	1	44.8	44.0	1.7	.3	1
4	.9177	.9172	.1	.0	1	42.9	41.8	2.6	.3	1
5	.8983	.8993	-.1	.0	1	39.7	40.0	-.9	.7	1
6	.8783	.8782	.0	.0	1	33.0	34.2	-3.6	.6	1
7	.8571	.8574	-.0	.0	1	14.9	14.4	3.7	3.4	1
8	.8508	.8440	.8	.0	1	-26.0	-24.2	6.8	.4	1
9	.9051	.8421	7.0	.0	0	-82.6	-90.1	-9.1	.2	1
10	1.0981	.8682	20.9	.1	0	-27.5	-203.7	-640.8	2.6	0



CRL: Number of dispersions= 2 Negative.
 C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.01108	1.282	.377	2.5E-01	1.9E-05
1	1.E-02	.00203	1.299	.422	2.6E-01	2.4E-05
2	1.E-03	.00197	1.295	.423	2.1E-01	2.5E-05
3	1.E-04	.00197	1.293	.422	2.0E-01	2.5E-05

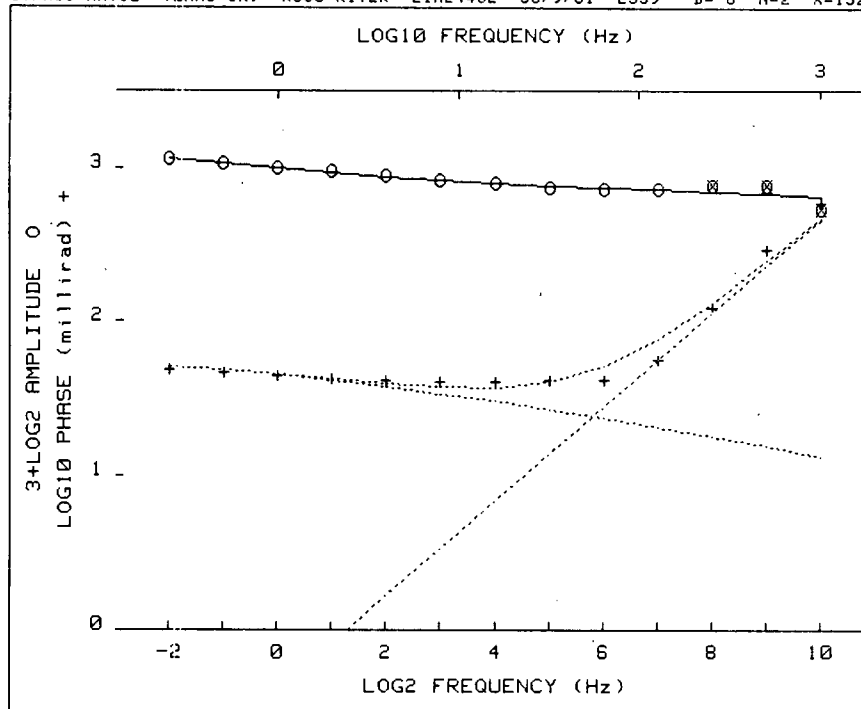
Pct Std Deviations 2.5 2.6 65.1 6.7

Correlation Matrix

1.000			
.779	1.000		
.077	.597	1.000	
-.676	-.292	-.072	1.000

Apparent Resistivity Measured at 1 Hz is 92.80
 Apparent Resistivity Calculated from Inductive Coupling is 694.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0981	.8716	20.6	.1	0	-27.5	-203.4	-639.8	2.6	0
9	.9051	.8447	6.7	.0	1	-82.6	-87.2	-5.5	.2	1
8	.8580	.8493	.2	.0	1	-26.0	-22.0	15.3	.4	1
7	.8571	.8629	-.7	.0	1	14.9	12.5	15.9	3.4	1
6	.8763	.8800	-.2	.0	1	33.0	31.2	5.6	.6	1
5	.8963	.8990	-.1	.0	1	39.7	41.6	-4.8	.7	1
4	.9177	.9196	-.2	.0	1	42.9	47.7	-11.2	.3	1
3	.9365	.9416	-.5	.0	1	44.8	51.3	-14.5	.3	1
2	.9566	.9647	-.9	.0	1	47.7	53.2	-11.5	.0	1
1	.9779	.9887	-1.1	.0	1	49.7	53.8	-8.2	.2	1
0	1.0020	1.0131	-1.3	.0	1	52.4	53.4	-1.9	.2	1
-1	1.0240	1.0377	-1.3	.1	1	55.8	52.1	6.7	.2	1
-2	1.0533	1.0619	-.8	.0	1	59.4	50.0	15.8	1.2	1



CRL: Number of dispersions= 2
C1=.25 Mz=1 C2=1 fixed

Iter	Lambca	Rchsq	R0	M1	T1	T2
0	1.E-02	.00248	1.502	.433	2.1E+01	4.2E-05
1	1.E-02	.00248	1.503	.433	2.1E+01	4.2E-05

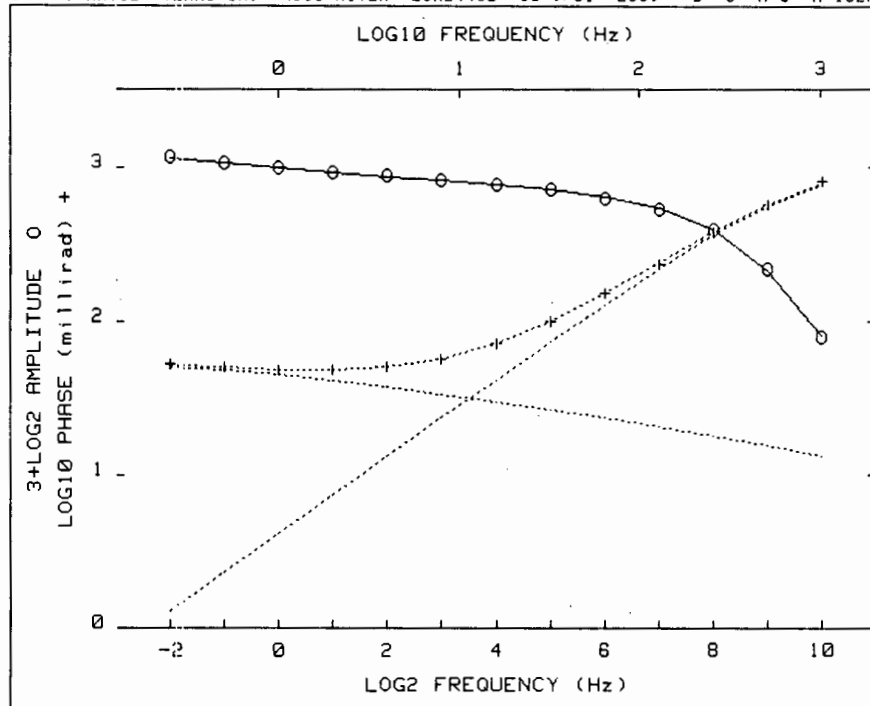
Pct Std Deviations 11.2 13.6 350.1 11.0

Correlation Matrix

1.000			
.992	1.000		
.983	.975	1.000	
-.769	-.787	-.729	1.000

Apparent Resistivity Measured at 1 Hz is 181.6
Apparent Resistivity Calculated from Inductive Coupling is 1079

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8264	.8718	-5.5	.0	0	579.7	464.0	20.0	.0	1
9	.9163	.8863	3.3	.0	0	288.7	242.8	15.9	.1	1
8	.9208	.8945	2.9	.0	0	121.9	131.2	-7.7	.0	1
7	.9032	.9020	.1	.0	1	56.7	76.9	-35.6	.6	1
6	.9016	.9104	-1.0	.0	1	41.6	51.5	-23.8	.5	1
5	.9128	.9202	-.8	.1	1	41.3	48.7	-1.5	.7	1
4	.9264	.9316	-.3	.0	1	41.0	37.2	9.3	.3	1
3	.9444	.9448	-.0	.0	1	40.7	37.4	8.2	.5	1
2	.9630	.9598	.3	.0	1	41.8	39.4	5.7	.5	1
1	.9813	.9767	.5	.0	1	42.7	42.3	.9	.5	1
0	1.0000	.9957	.4	.0	1	44.9	45.5	-1.3	.3	1
-1	1.0159	1.0168	.3	.1	1	47.0	48.6	-3.4	.4	1
-2	1.0446	1.0398	.5	.0	1	49.4	51.4	-4.0	1.8	1



CRL: Number of dispersions= 2
C1=.25 fixed

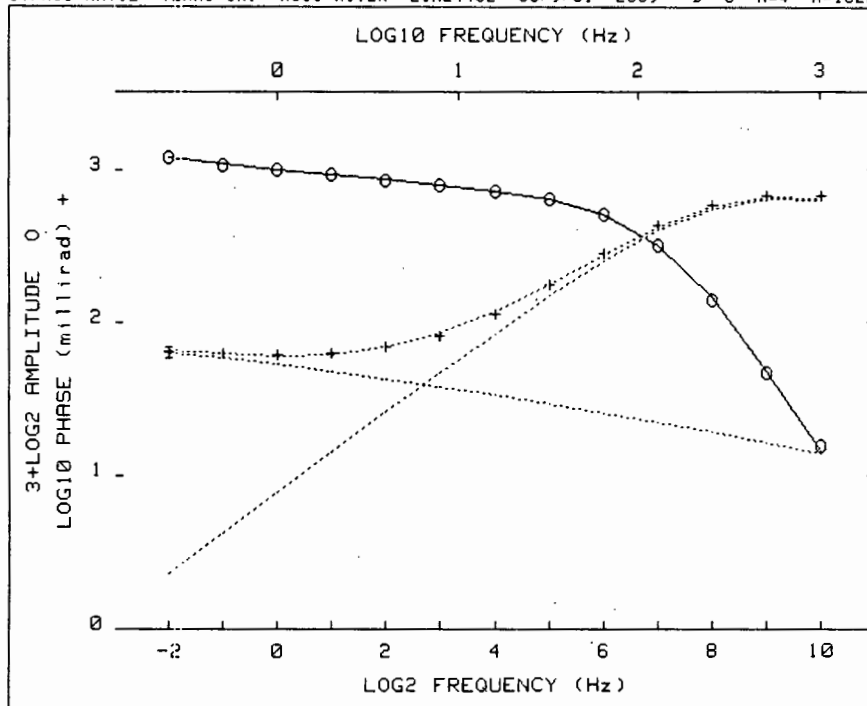
Iter	Lambda	Rchsqr	R0	M1	T1	M2	T2	C2
0	1.E-02	.00010	1.566	.450	3.9E+01	.600	2.1E-04	.797
1	1.E-02	.00003	1.569	.451	3.9E+01	.576	2.3E-04	.811
2	1.E-03	.00003	1.559	.449	3.5E+01	.578	2.3E-04	.813
3	1.E-04	.00003	1.527	.439	2.6E+01	.587	2.3E-04	.816
4	1.E-05	.00003	1.515	.435	2.3E+01	.590	2.3E-04	.817

Pct Std Deviations 2.2 2.4 40.9 1.9 1.4 .7

Correlation Matrix	1.000						
	.995	1.000					
	.992	.980	1.000				
	-.875	-.888	-.845	1.000			
	-.175	-.163	-.209	-.255	1.000		
	-.621	-.570	-.664	.311	.608	1.000	

Apparent Resistivity Measured at 1 Hz is 275.4
Apparent Resistivity Calculated from Inductive Coupling is 324.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.4671	.4695	-.5	.0	1	804.4	789.6	1.8	.0	1
9	.6327	.6296	.5	.0	1	568.1	570.5	-.4	.1	1
8	.7515	.7525	-.1	.0	1	370.7	378.7	-2.2	.1	1
7	.8240	.8291	-.6	.0	1	235.3	240.0	-2.0	.1	1
6	.8659	.8742	-.5	.1	1	151.9	152.0	-.1	1.2	1
5	.9030	.9020	.0	.0	1	101.2	100.5	.7	.4	1
4	.9261	.9240	.2	.0	1	72.2	72.1	.2	.4	1
3	.9433	.9423	.1	.0	1	57.2	57.5	-.5	.4	1
2	.9616	.9601	.2	.0	1	50.9	50.9	-.1	.6	1
1	.9869	.9786	.2	.0	1	48.7	48.9	-.4	.2	1
0	1.0000	.9985	.1	.1	1	48.6	49.2	-1.3	.2	1
-1	1.0263	1.0201	.0	.1	1	50.8	50.8	.0	.6	1
-2	1.0472	1.0435	.3	.1	1	53.1	52.7	.8	4.1	1



CRL: Number of dispersions= 2
C1=.25 fixed

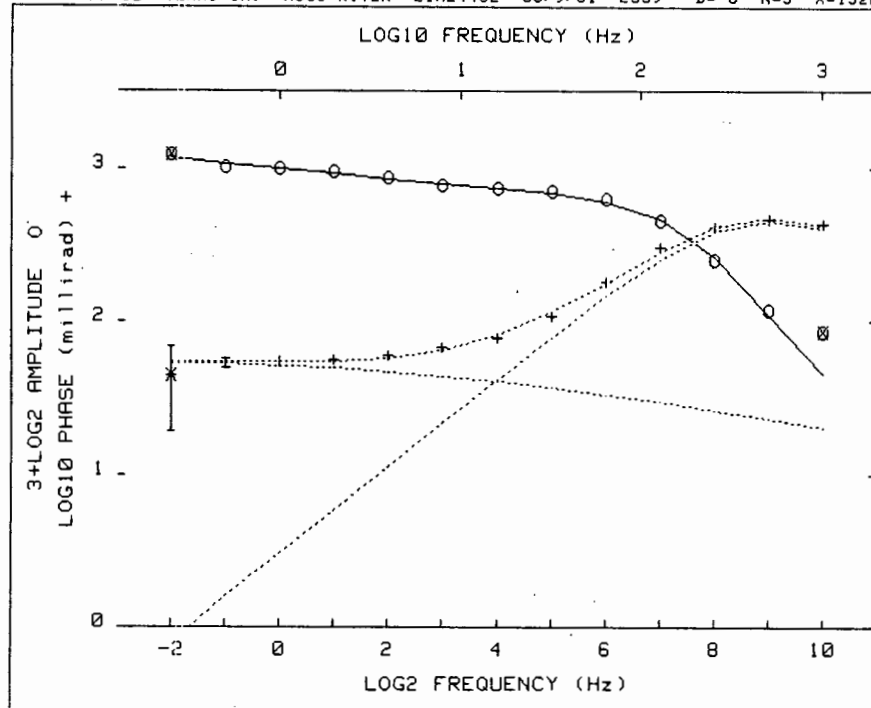
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.07927	1.515	.435	2.3E+01	.590	2.3E-04	.817
1	1.E-02	.01519	1.570	.470	2.6E+01	.415	7.3E-04	.723
2	1.E-03	.00110	1.658	.514	2.3E+01	.420	7.4E-04	.911
3	1.E-04	.00014	1.741	.518	5.8E+01	.416	7.6E-04	.851
4	1.E-04	.00014	1.808	.535	9.1E+01	.403	7.6E-04	.849
5	1.E-05	.00014	1.863	.547	1.3E+02	.392	7.6E-04	.847
6	1.E-06	.00014	1.868	.548	1.3E+02	.391	7.6E-04	.847
7	1.E-03	.00014	1.868	.548	1.3E+02	.391	7.6E-04	.847

Pct Std Deviations 11.1 8.2 209.7 9.7 1.7 1.2

Correlation Matrix	1.000					
	.999	1.000				
	.997	.993	1.000			
	-.993	-.996	-.985	1.000		
	.247	.237	.245	-.297	1.000	
	-.628	-.605	-.656	.549	.093	1.000

Apparent Resistivity Measured at 1 Hz is 231.6
Apparent Resistivity Calculated from Inductive Coupling is 273.4

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.2048	.2795	1.9	.6	1	667.0	642.3	3.7	.1	1
9	.3979	.4011	-.8	.2	1	673.3	657.3	2.4	.1	1
8	.5522	.5594	-1.3	.1	1	582.6	567.0	2.7	.0	1
7	.7063	.7089	-.4	.1	1	431.5	417.8	3.2	.3	1
6	.8144	.8117	.3	.2	1	281.1	277.1	1.4	.6	1
5	.8741	.8711	.3	.0	1	174.8	177.7	-1.7	.3	1
4	.9070	.9066	.1	.1	1	114.2	117.8	-3.1	.3	1
3	.9267	.9319	-.3	.1	1	82.5	85.0	-3.1	.5	1
2	.9519	.9539	-.2	.0	1	69.1	68.8	.4	.5	1
1	.9764	.9759	.1	.1	1	62.9	62.2	1.1	.4	1
0	1.0000	.9993	.1	.1	1	61.5	60.9	.9	.5	1
-1	1.0228	1.0251	-.2	.3	1	63.5	62.5	1.5	1.1	1
-2	1.0569	1.0536	.5	.1	1	64.3	65.5	-1.9	0.6	1



CRL: Number of dispersions= 2
C1=.25 fixed

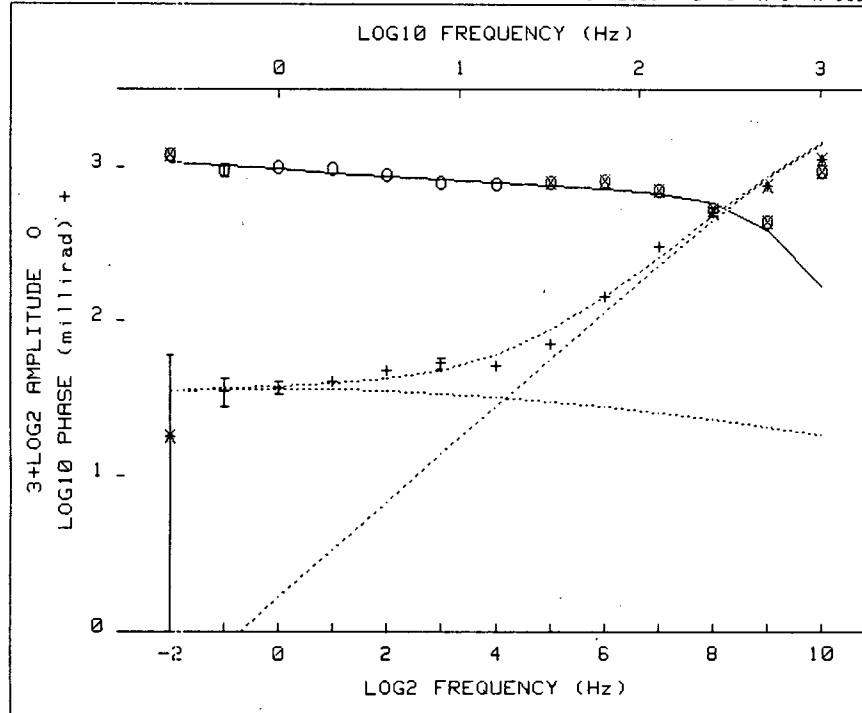
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.04110	1.500	.393	3.1E-01	.410	5.2E-04	.940
1	1.E-02	.00043	1.284	.406	3.4E-01	.406	5.5E-04	.947
2	1.E-03	.00039	1.306	.404	5.8E-01	.407	5.5E-04	.937
3	1.E-04	.00037	1.360	.410	1.8E+00	.406	5.5E-04	.920
4	1.E-05	.00035	1.382	.419	2.2E+00	.400	5.5E-04	.920
5	1.E-06	.00035	1.383	.419	2.3E+00	.399	5.5E-04	.920

Pct Std Deviations 5.7 4.7 226.2 3.5 3.1 2.6

Correlation Matrix	1.000					
	.954	1.000				
	.987	.906	1.000			
	-.727	-.037	-.659	1.000		
	.149	.124	.134	-.426	1.000	
	-.640	-.463	-.696	.077	.209	1.000

Apparent Resistivity Measured at 1 Hz is 185.5
Apparent Resistivity Calculated from Inductive Coupling is 688.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.4777	.3950	17.3	.0	0	432.1	423.6	2.0	.0	1
9	.5250	.5165	1.0	.3	1	459.7	473.9	-3.1	.2	1
8	.6575	.6704	-2.0	.1	1	413.5	406.3	1.7	.3	1
7	.7879	.7902	-.3	.1	1	304.6	281.4	7.6	1.2	1
6	.8652	.8555	1.1	.4	1	181.1	178.2	1.6	1.1	1
5	.8959	.8899	.7	.2	1	100.8	115.3	-6.0	.7	1
4	.9187	.9131	-.3	.2	1	77.4	81.8	-5.7	1.6	1
3	.9265	.9333	-.7	.3	1	67.7	65.4	3.3	4.6	1
2	.9557	.9537	.2	.2	1	59.9	58.2	2.9	.9	1
1	.9834	.9752	.8	.3	1	56.5	55.4	1.9	1.4	1
0	1.0000	.9980	.2	.5	1	54.7	54.7	.0	3.3	1
-1	1.0056	1.0220	-1.6	1.5	1	53.0	54.6	-1.5	7.2	1
-2	1.0630	1.0471	1.5	.7	0	44.7	54.5	-21.9	56.0	0



CRL: Number of dispersions= 2
C1=.25 M2=1 C2=1 fixed

Iter	Lambca	Rchsqr	R0	M1	T1	T2
0	1.E-02	.00273	1.291	.340	4.2E+00	2.3E-04
1	1.E-02	.00250	1.289	.338	3.7E+00	2.2E-04
2	1.E-03	.00232	1.238	.319	1.4E+00	2.2E-04
3	1.E-04	.00225	1.176	.299	2.9E-01	2.2E-04
4	1.E-05	.00217	1.187	.307	3.1E-01	2.2E-04
5	1.E-06	.00217	1.188	.307	3.2E-01	2.2E-04

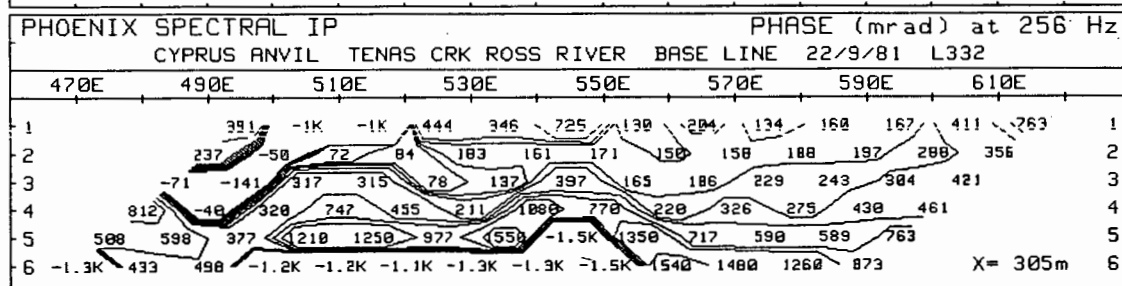
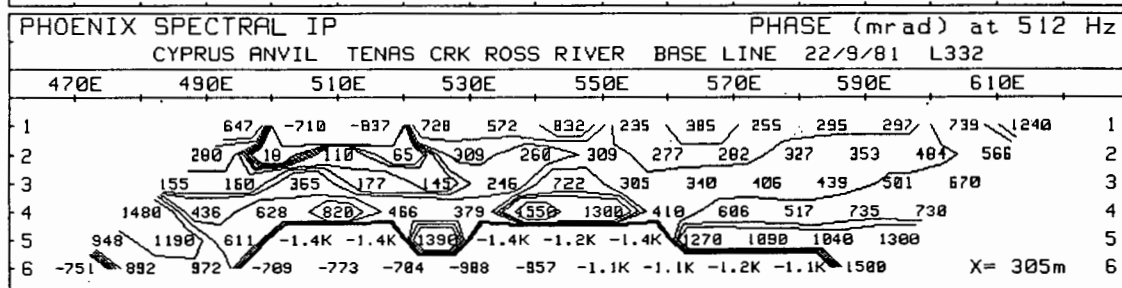
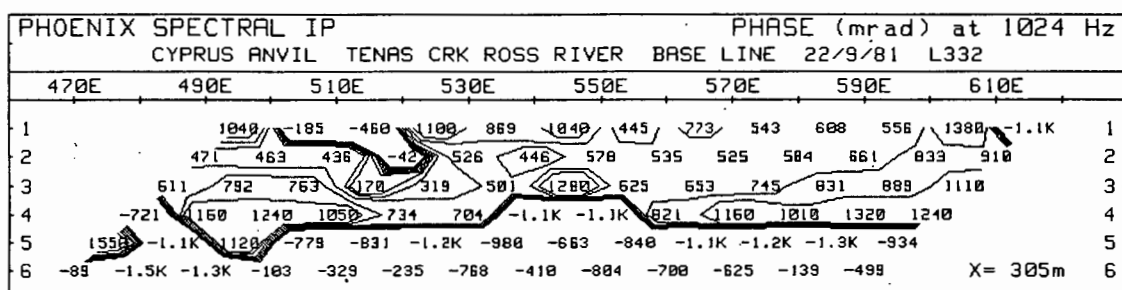
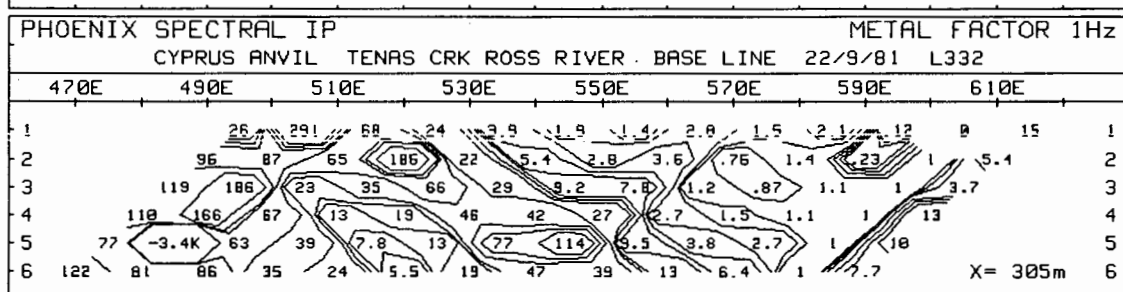
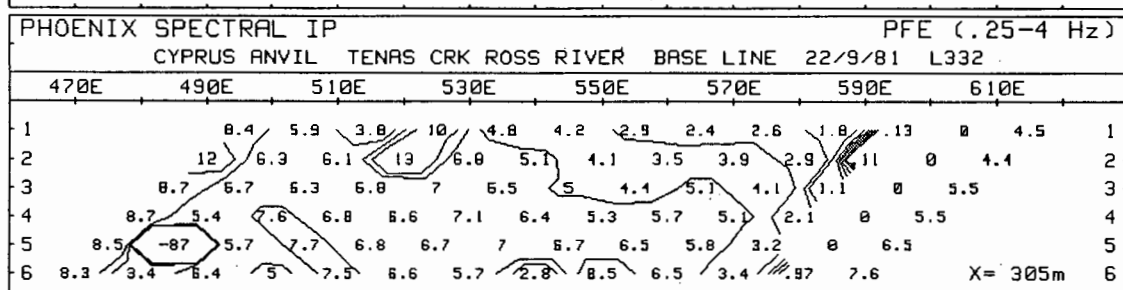
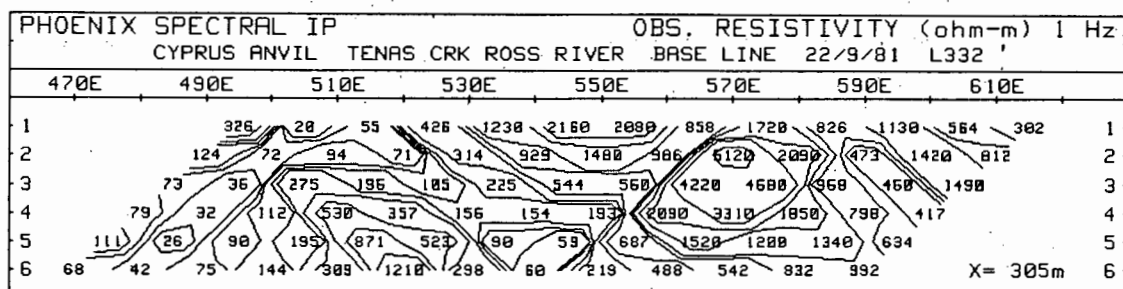
Pct Std Deviations 5.0 5.1 526.6 9.5

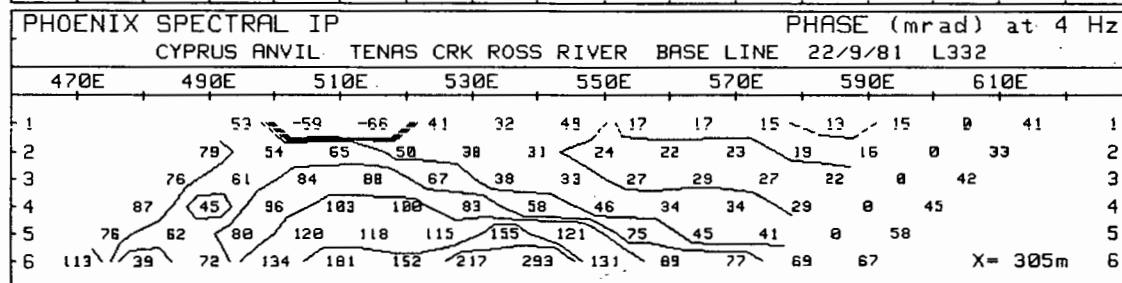
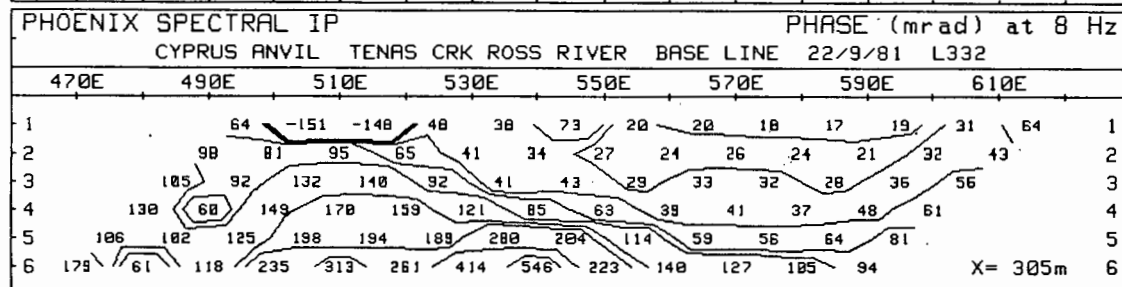
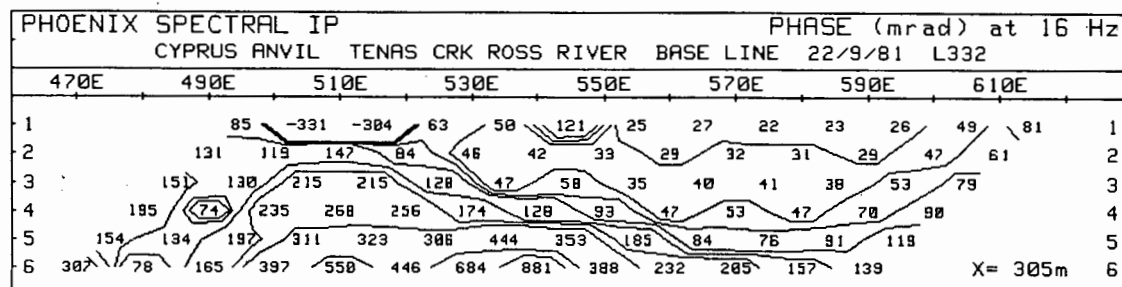
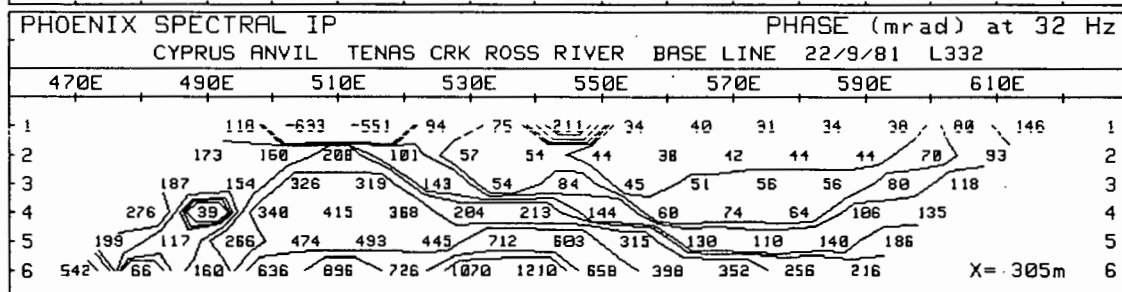
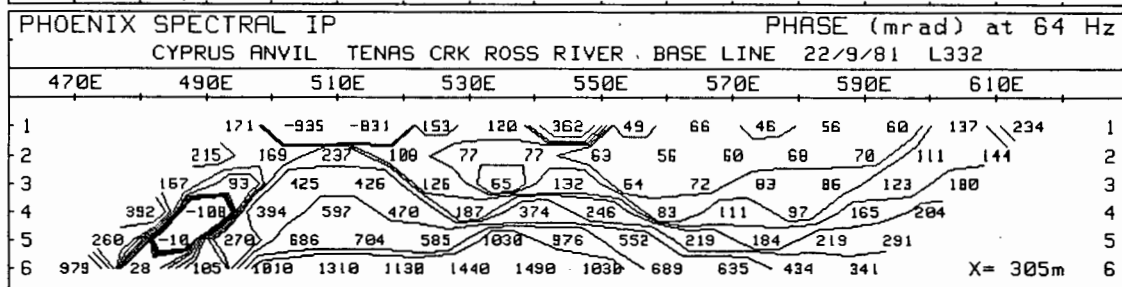
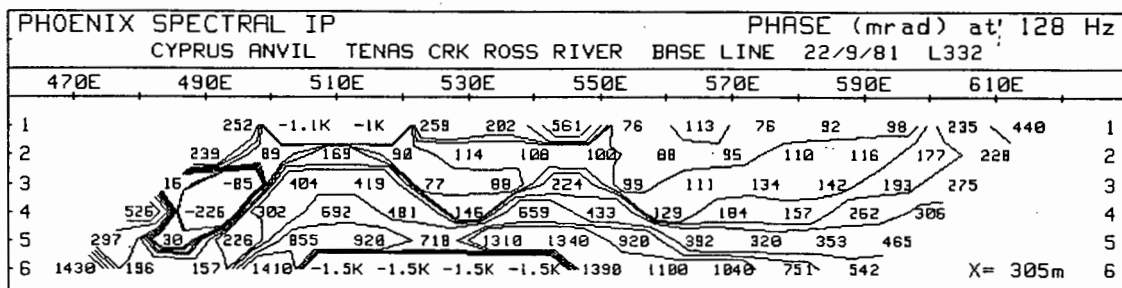
Correlation Matrix

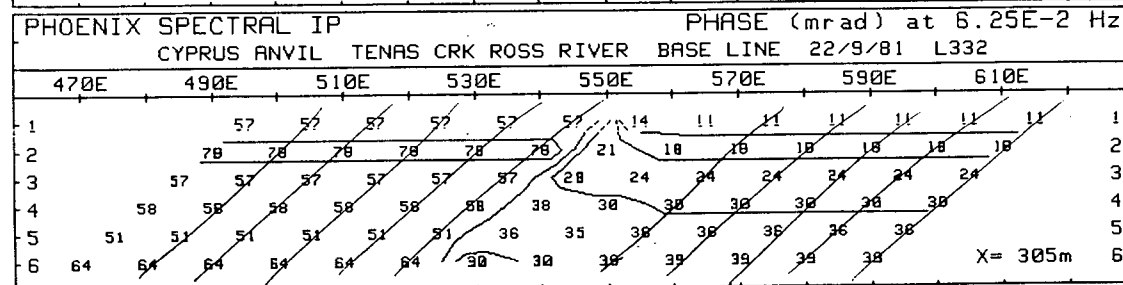
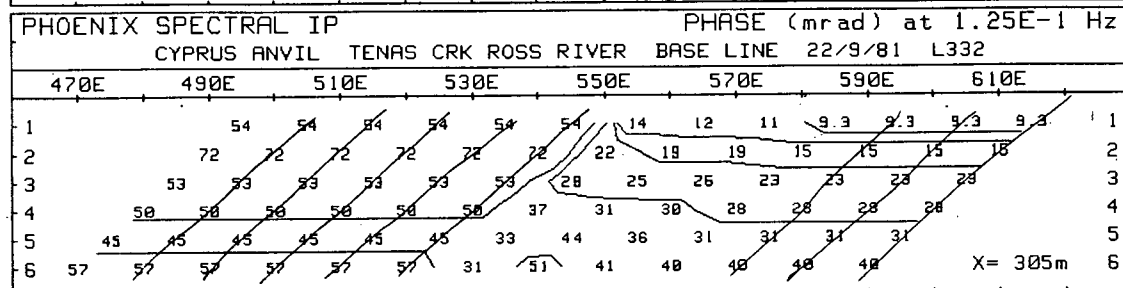
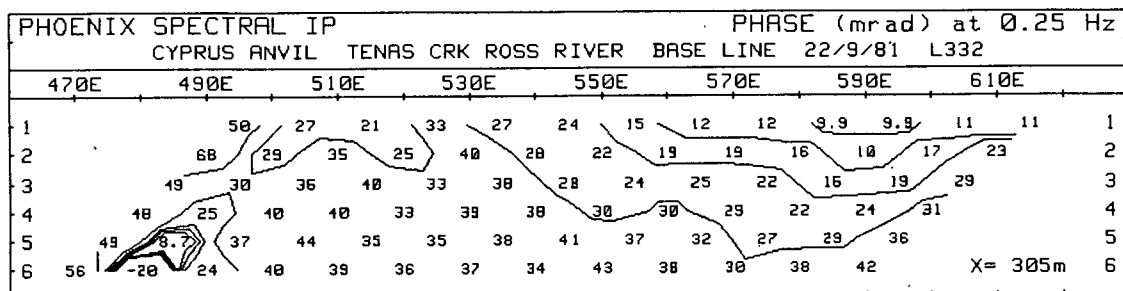
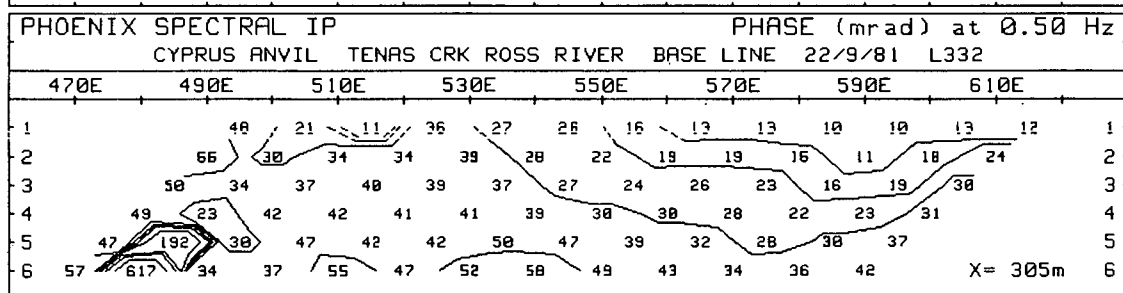
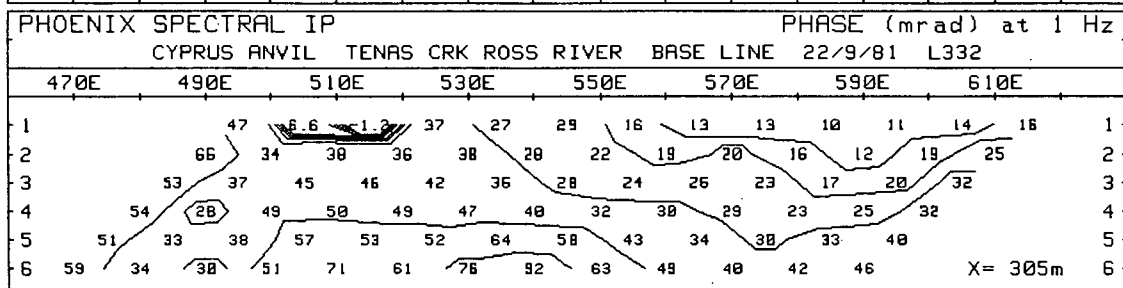
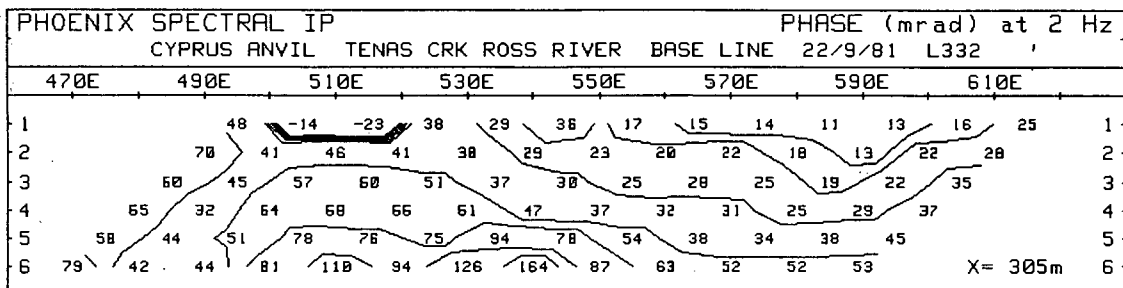
1.000			
.545	1.000		
.939	.369	1.000	
.178	-.363	.306	1.000

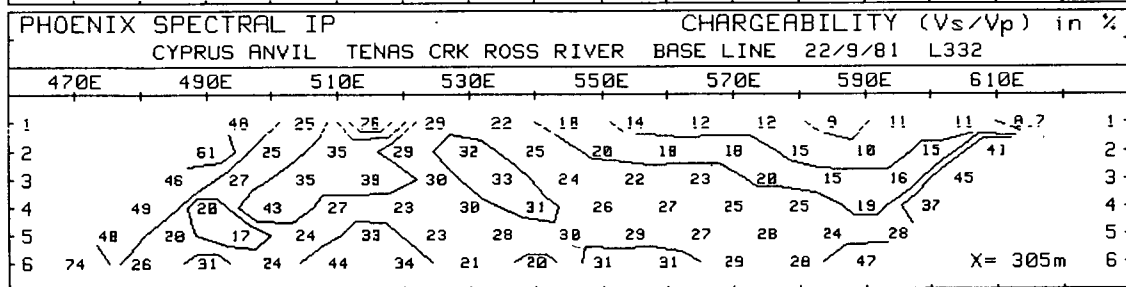
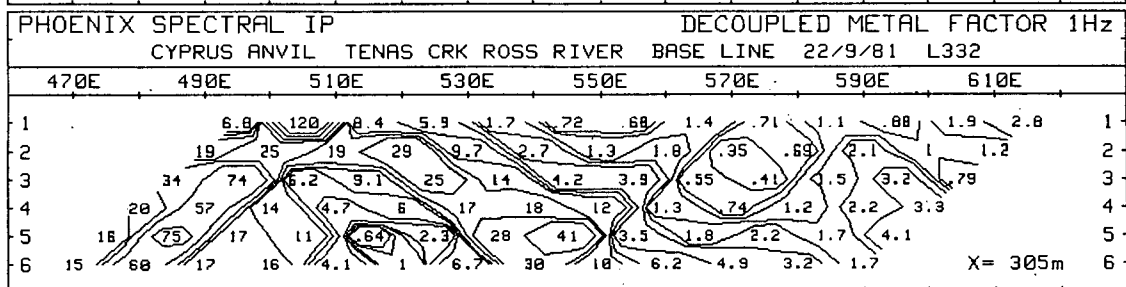
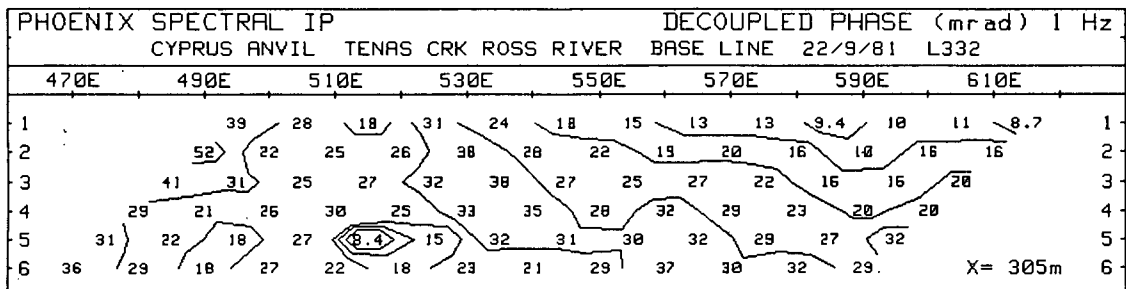
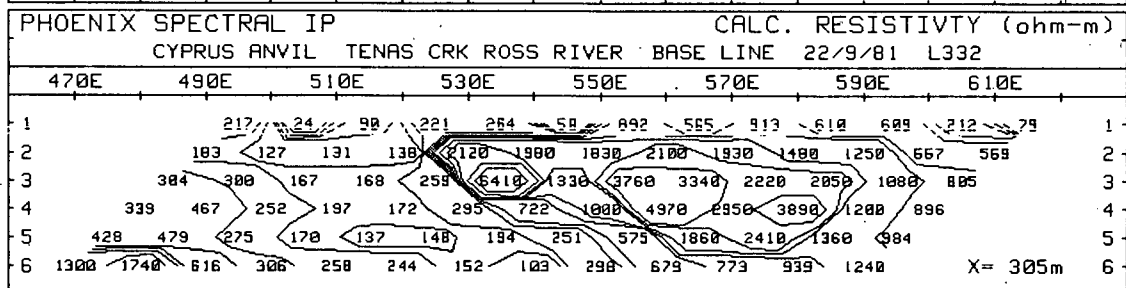
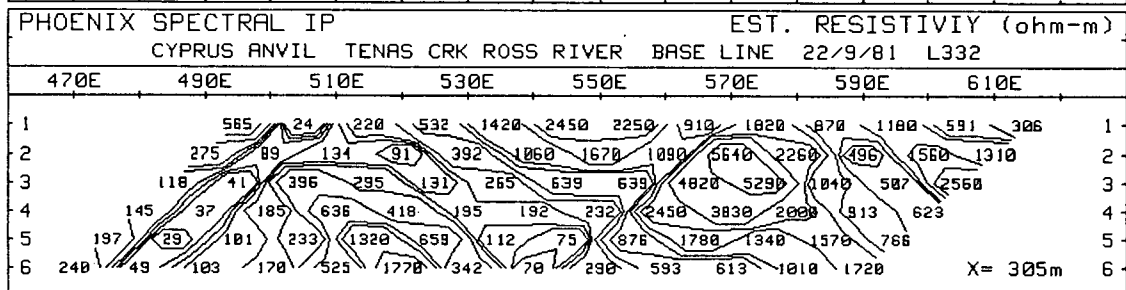
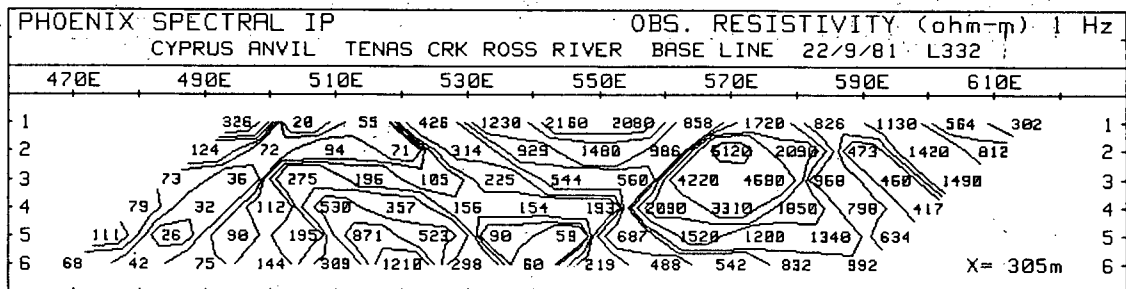
Apparent Resistivity Measured at 1 Hz is 155.8
Apparent Resistivity Calculated from Inductive Coupling is 1258

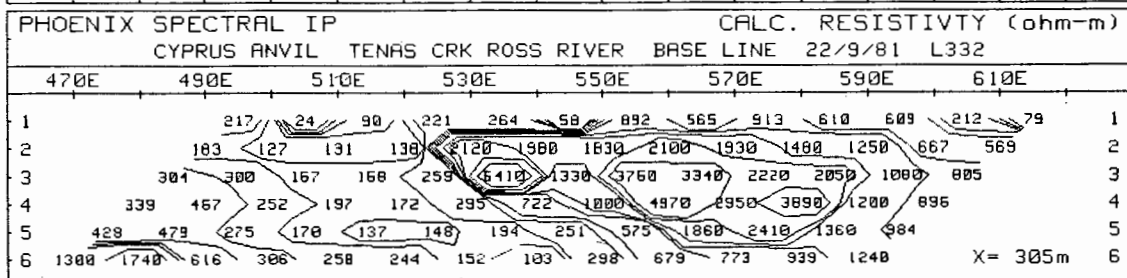
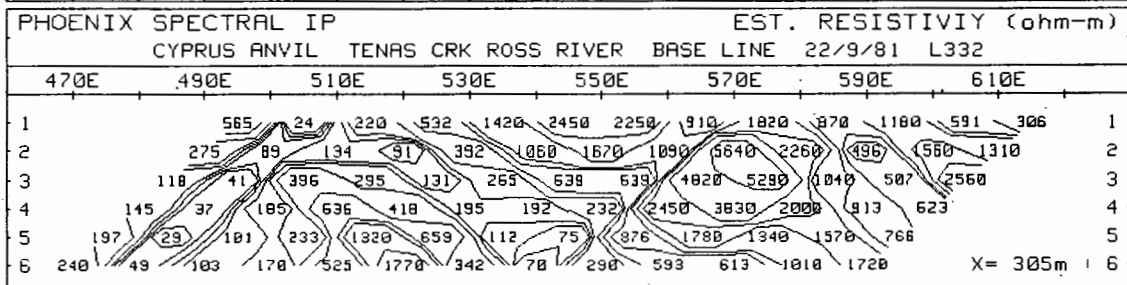
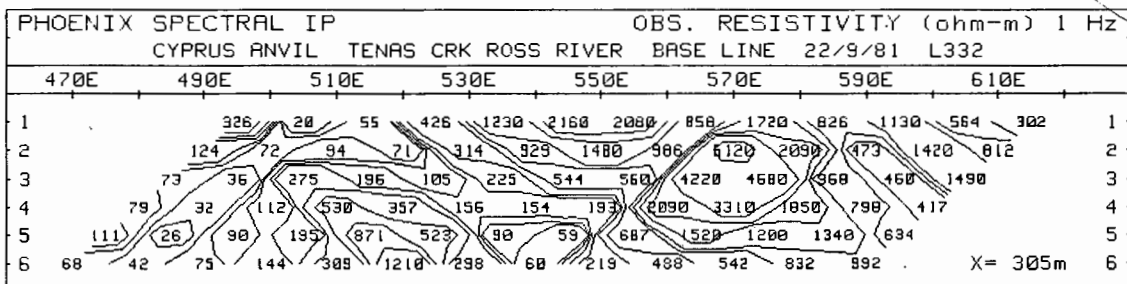
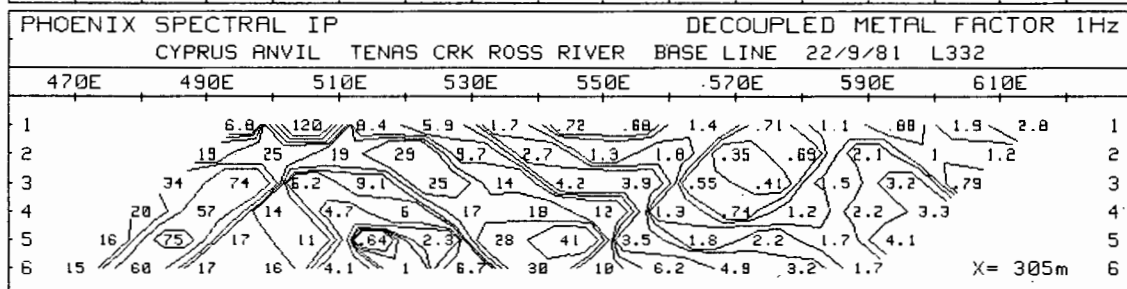
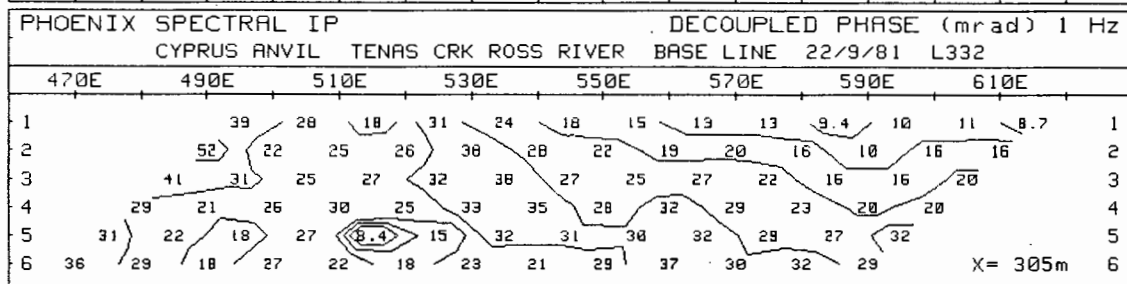
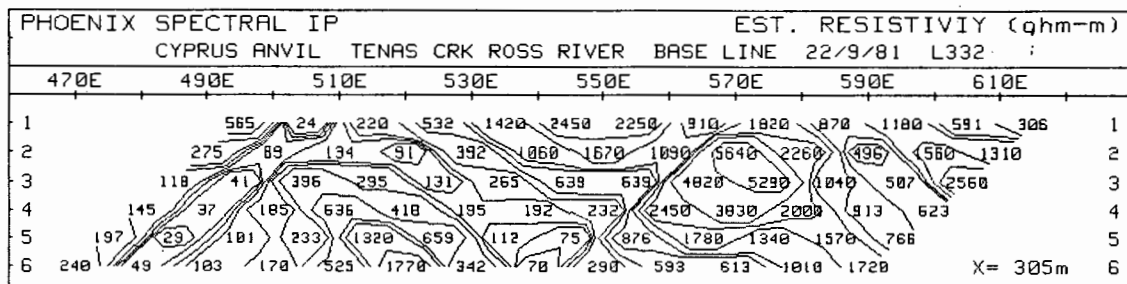
F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9785	.5838	40.2	.1	0	1110.2	1430.0	-28.8	.0	0
9	.7827	.7530	3.8	.2	0	757.9	870.7	-14.9	.1	0
8	.8241	.8493	-3.1	.1	0	500.8	477.7	4.6	.1	0
7	.8953	.8867	1.4	.3	0	299.2	255.7	14.5	1.9	1
6	.9361	.9038	3.5	.5	0	143.3	142.4	.6	3.0	1
5	.9323	.9166	1.7	.4	0	71.7	86.8	-21.1	2.9	1
4	.9269	.9294	-.3	.4	1	51.6	60.2	-16.7	5.1	1
3	.9320	.9431	-1.1	.5	1	53.6	47.8	10.9	8.2	1
2	.9652	.9578	.8	.3	1	47.3	42.1	11.1	2.9	1
1	.9854	.9733	1.6	.5	1	40.2	39.4	1.9	3.3	1
0	1.0000	.9893	1.1	.7	1	37.3	38.0	-1.9	9.2	1
-1	.9845	1.0057	-2.2	2.6	1	35.1	36.9	-5.1	19.7	1
-2	1.0552	1.0220	3.5	1.2	0	17.9	35.6	-99.1	235.2	0

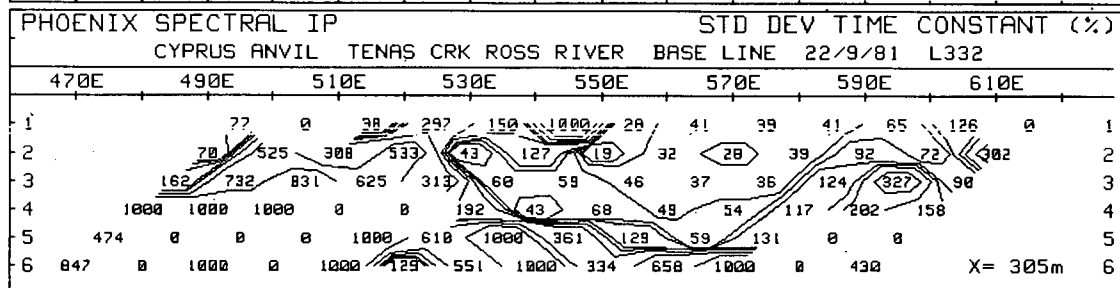
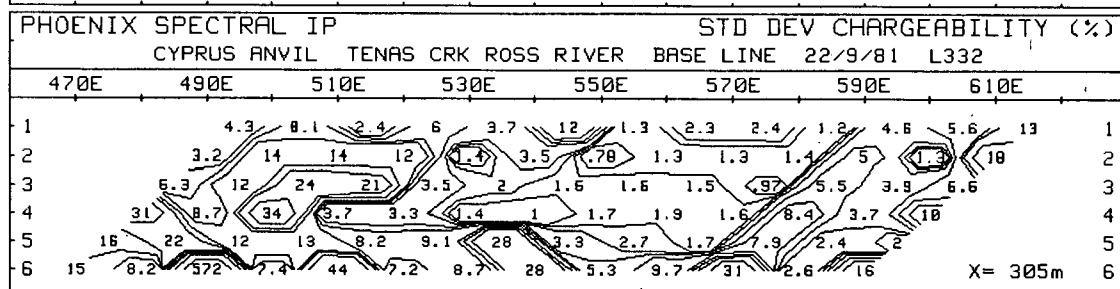
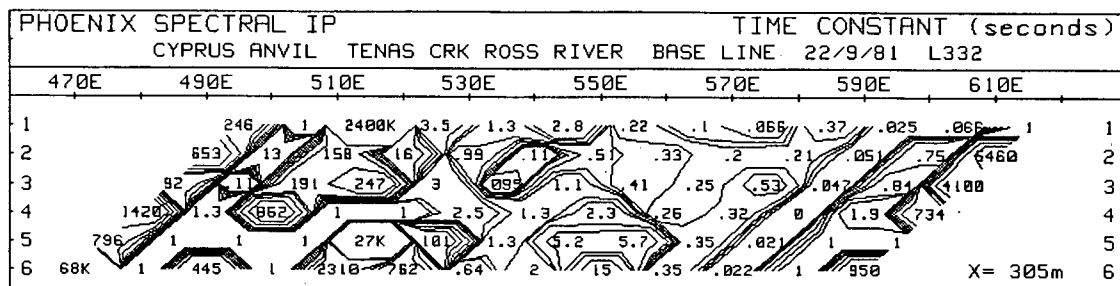


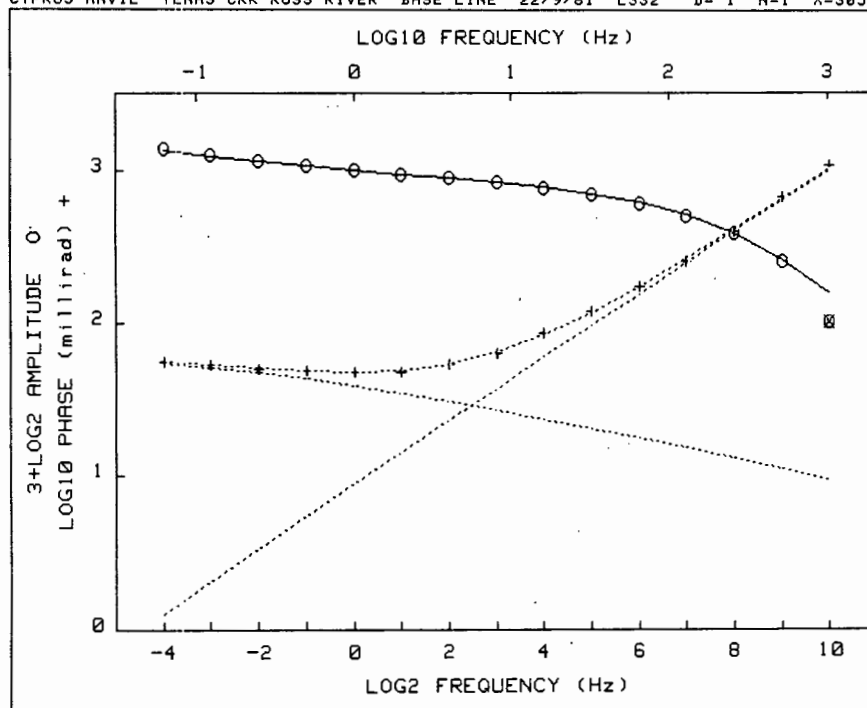












CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

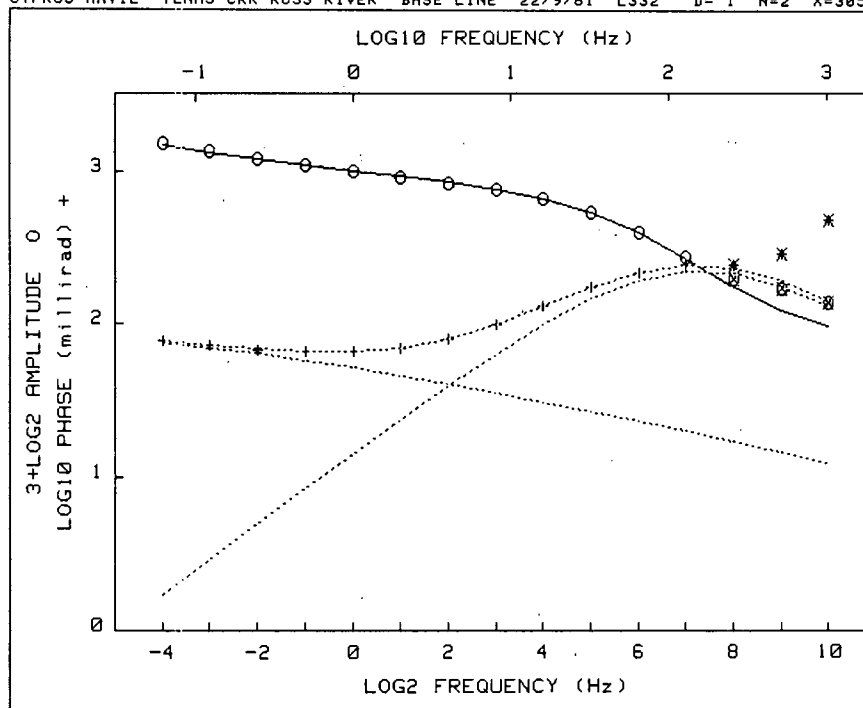
Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00040	1.476	.405	2.0E+01	1.1E-04	.693
1	1.E-02	.00014	1.509	.424	3.0E+01	1.0E-04	.716
2	1.E-03	.00011	1.552	.435	5.0E+01	9.6E-05	.706
3	1.E-04	.00009	1.647	.462	1.3E+02	8.6E-05	.688
4	1.E-05	.00008	1.716	.481	2.2E+02	7.9E-05	.679
5	1.E-06	.00008	1.731	.484	2.4E+02	7.7E-05	.677
6	1.E-07	.00008	1.732	.485	2.5E+02	7.7E-05	.677

Pct Std Deviations 4.5 4.3 77.5 9.9 1.7

Correlation Matrix	1.000				
	.998	1.000			
	.995	.990	1.000		
	-.979	-.975	-.976	1.000	
	-.985	-.884	-.915	.947	1.000

Apparent Resistivity Measured at 1 Hz is 326.2
Apparent Resistivity Calculated from Inductive Coupling is 217.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5008	.5748	-14.8	.1	0	1042.9	992.5	4.8	.0	1
9	.6606	.6628	-.3	.1	1	647.4	639.0	1.3	.0	1
8	.7501	.7465	.5	.0	1	391.2	408.4	-4.4	.1	1
7	.8079	.8121	-.5	.0	1	252.1	262.8	-4.2	.1	1
6	.8539	.8602	-.7	.0	1	170.9	172.2	-.8	.1	1
5	.8921	.8952	-.3	.1	1	117.9	116.6	1.1	.2	1
4	.9193	.9216	-.3	.0	1	84.7	83.3	1.7	.1	1
3	.9418	.9431	-.1	.0	1	63.9	64.0	-.1	.3	1
2	.9620	.9621	-.0	.0	1	53.2	53.5	-.6	.0	1
1	.9800	.9803	-.0	.0	1	48.2	48.7	-1.1	.0	1
0	1.0000	.9990	.1	.0	1	47.3	47.5	-.4	.0	1
-1	1.0211	1.0189	.2	.0	1	48.4	48.5	-.1	.0	1
-2	1.0433	1.0406	.3	.0	1	50.1	50.7	-1.3	.2	1
-3	1.0678	1.0645	.3	.0	1	53.6	53.7	-.1	.4	1
-4	1.1017	1.0907	1.0	.0	1	56.6	56.8	-.4	.9	1



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.01902	1.730	.487	2.5E+02	.600	7.7E-04	.677
1	1.E-02	.00088	1.958	.565	2.4E+02	.321	7.9E-04	.623
2	1.E-03	.00023	2.037	.582	2.8E+02	.207	1.9E-03	.730
3	1.E-04	.00003	2.127	.597	4.3E+02	.202	1.7E-03	.744
4	1.E-05	.00003	2.210	.610	6.3E+02	.198	1.7E-03	.736
5	1.E-06	.00003	2.221	.612	6.5E+02	.197	1.7E-03	.736
6	1.E-07	.00003	2.221	.612	6.5E+02	.197	1.7E-03	.736

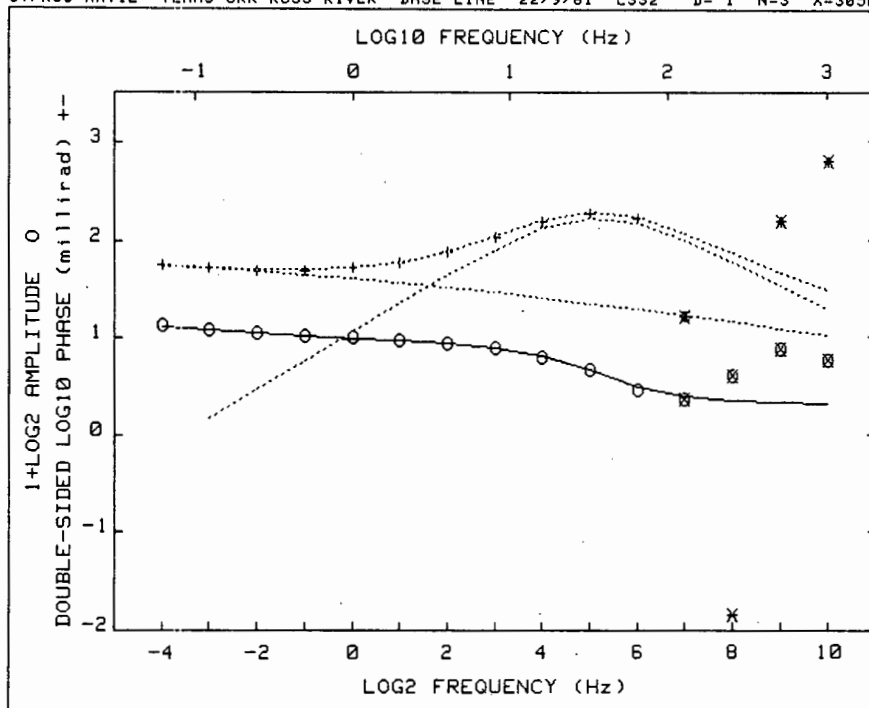
Pct Std Deviations 5.8 3.2 70.2 4.2 4.3 1.9

Correlation Matrix	1.000						
	.999	1.000					
	.997	.993	1.000				
	-.857	-.872	-.832	1.000			
	-.298	-.281	-.324	-.197	1.000		
	-.687	-.659	-.720	.250	.771	1.000	

Apparent Resistivity Measured at 1 Hz is 123.7

Apparent Resistivity Calculated from Inductive Coupling is 183.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5497	.4925	10.4	.0	0	471.4	141.3	70.0	.0	0
9	.5867	.5305	9.6	.1	0	279.7	189.0	32.4	.2	0
8	.6102	.5898	3.3	.0	0	237.3	227.8	4.0	.1	0
7	.6728	.6695	.5	.1	1	238.6	238.3	.1	.3	1
6	.7519	.7548	-.4	.0	1	214.8	214.4	.2	.0	1
5	.8248	.8276	-.3	.2	1	173.3	171.8	.9	.2	1
4	.8778	.8810	-.4	.1	1	131.3	130.2	.9	.3	1
3	.9167	.9192	-.3	.1	1	98.1	99.3	-1.2	.3	1
2	.9461	.9488	-.3	.0	1	79.0	80.1	-1.4	.1	1
1	.9726	.9748	-.2	.0	1	69.7	70.0	-.4	.1	1
0	1.0000	1.0004	-.0	.0	1	66.2	66.1	.1	.2	1
-1	1.0282	1.0274	.1	.0	1	66.3	66.3	-.1	.3	1
-2	1.0588	1.0569	.2	.0	1	68.1	69.0	-1.3	.5	1
-3	1.0929	1.0897	.3	.0	1	72.4	72.9	-.7	.4	1
-4	1.1360	1.1262	.9	.1	1	78.0	77.5	.7	.4	1



CRL: Number of dispersions= 2
C1=.25 fixed

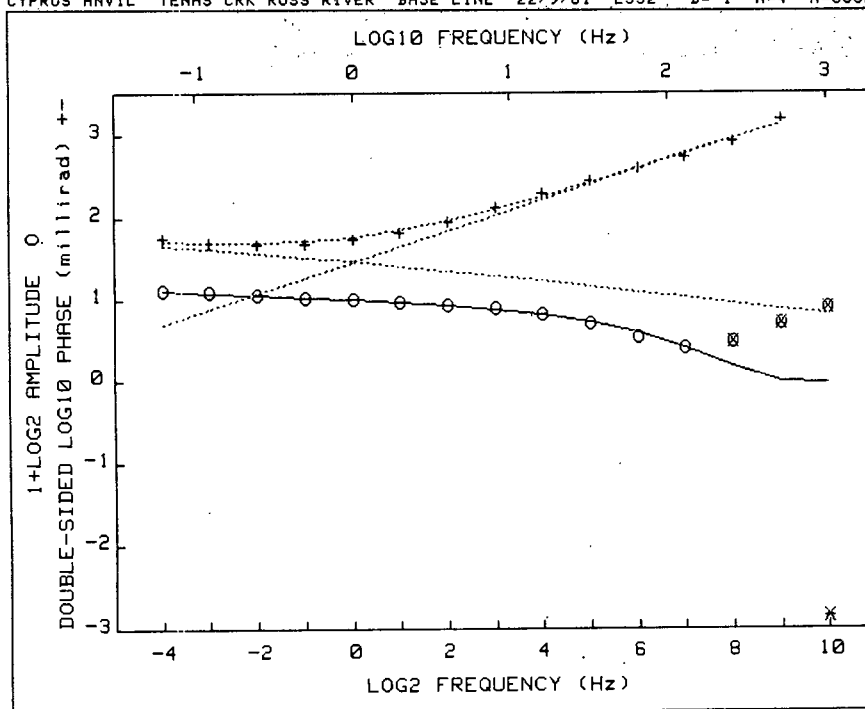
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.22173	1.000	.300	1.0E+00	.700	5.0E-03	1.000
1	1.E-02	.00700	1.342	.422	1.1E+00	.273	3.4E-03	.902
2	1.E-03	.00172	1.375	.398	3.6E+00	.150	6.8E-03	1.000
3	1.E-04	.00057	1.490	.407	4.0E+01	.192	5.5E-03	.938
4	1.E-05	.00028	1.594	.454	8.7E+01	.175	5.6E-03	.950
5	1.E-06	.00018	1.612	.456	9.2E+01	.173	5.6E-03	.950
6	1.E-07	.00018	1.612	.456	9.2E+01	.173	5.6E-03	.950

Pct Std Deviations 6.5 6.3 162.1 4.1 4.0 3.1

Correlation Matrix	1.000						
	.995	1.000					
	.993	.980	1.000				
	-.672	-.717	-.620	1.000			
	-.011	-.007	-.028	-.447	1.000		
	-.633	-.584	-.677	-.041	.450	1.000	

Apparent Resistivity Measured at 1 Hz is 73.12
Apparent Resistivity Calculated from Inductive Coupling is 304.1

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8497	.6223	26.8	.0	0	610.9	30.1	95.1	.0	0
9	.9156	.6285	31.3	.1	0	155.3	46.0	70.4	.1	0
8	.7627	.6390	16.2	.1	0	-70.9	73.0	203.0	.4	0
7	.6461	.6606	-2.2	.4	0	16.4	116.1	-607.6	9.1	0
6	.6902	.7083	-2.6	.2	1	166.5	167.7	-.7	.2	1
5	.7946	.7918	.4	.5	1	186.5	189.3	-1.5	.2	1
4	.8740	.8771	-.4	.1	1	150.6	156.3	-3.8	.5	1
3	.9275	.9293	-.2	.2	1	104.8	108.4	-3.4	1.3	1
2	.9566	.9574	-.1	.1	1	75.8	75.8	.0	.4	1
1	.9781	.9771	.1	.1	1	59.9	59.0	1.4	.5	1
0	1.0000	.9955	.5	.0	1	52.5	52.1	.7	.6	1
-1	1.0199	1.0150	.5	.0	1	49.9	50.5	-1.1	.8	1
-2	1.0396	1.0364	.3	.0	1	49.3	51.4	-4.3	1.7	1
-3	1.0643	1.0600	.4	.1	1	52.9	53.5	-1.1	2.1	1
-4	1.0980	1.0858	1.1	.2	1	57.3	55.8	2.6	3.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

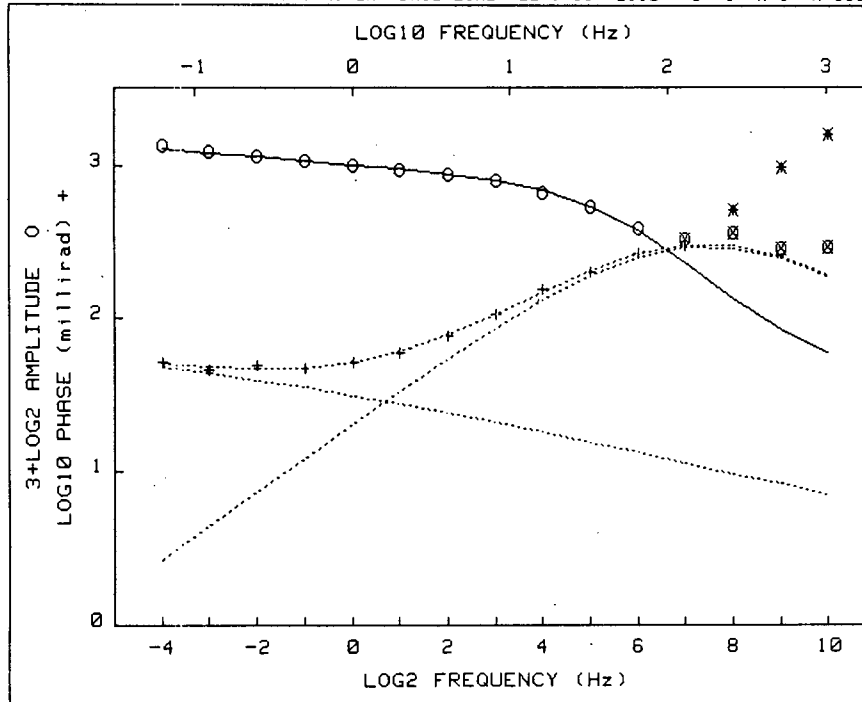
Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.07810	1.760	.496	2.9E+02	1.8E-04	1.000
1	1.E-02	.00909	1.712	.502	2.0E+02	1.3E-04	.563
2	1.E-03	.00123	1.696	.450	5.3E+02	3.1E-04	.612
3	1.E-03	.00089	1.750	.469	7.6E+02	2.7E-04	.618
4	1.E-03	.00087	1.800	.481	1.1E+03	2.6E-04	.613
5	1.E-03	.00087	1.841	.491	1.4E+03	2.4E-04	.609

Pct Std Deviations 32.7 31.4 999.9 94.0 10.2

Correlation Matrix	1.000				
	.999	1.000			
	.998	.995	1.000		
	-.996	-.995	-.993	1.000	
	-.967	-.958	-.973	.976	1.000

Apparent Resistivity Measured at 1 Hz is 78.86
Apparent Resistivity Calculated from Inductive Coupling is 339.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9244	.4688	47.1	.1	0	-720.8	-1307.1	-81.3	.0	0
9	.8164	.4955	39.3	.0	0	1478.4	1326.9	10.2	.0	1
8	.6950	.5648	18.7	.1	0	811.8	892.7	-10.0	.1	1
7	.6639	.6591	.7	.4	1	525.7	589.4	-12.1	.9	1
6	.7254	.7481	-3.1	.3	1	391.8	390.6	.3	.3	1
5	.8093	.8204	-1.4	.7	1	276.1	261.6	5.3	.2	1
4	.8764	.8755	.1	.3	1	194.9	178.2	8.5	1.2	1
3	.9292	.9170	1.3	.2	1	130.3	124.8	4.2	1.1	1
2	.9573	.9488	.9	.1	1	87.0	91.1	-4.7	.5	1
1	.9791	.9745	.5	.1	1	64.9	70.4	-8.4	.6	1
0	1.0000	.9967	.3	.1	1	54.0	58.3	-8.0	.8	1
-1	1.0175	1.0173	.0	.1	1	49.1	52.1	-6.0	.8	1
-2	1.0406	1.0377	.3	.1	1	48.4	49.6	-2.5	2.4	1
-3	1.0635	1.0589	.4	.1	1	50.1	49.6	.9	3.4	1
-4	1.0875	1.0816	.5	.2	1	57.8	51.3	11.3	4.6	1



CRL: Number of dispersions= 2
C1=.25 fixed

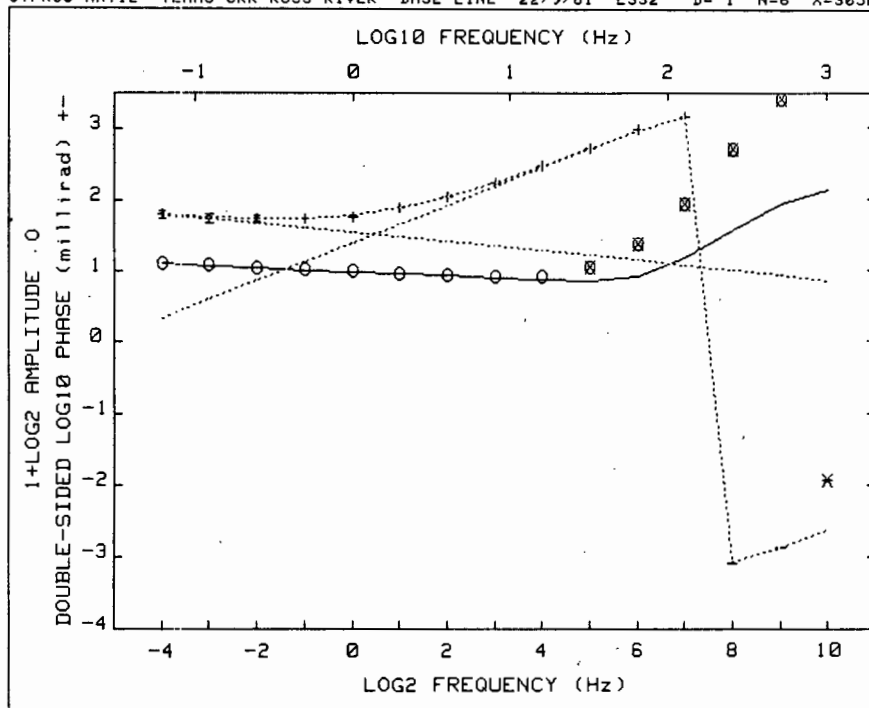
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00050	2.004	.526	4.1E+03	.407	7.4E-04	.599
1	1.E-02	.00032	2.005	.529	4.2E+03	.377	9.6E-04	.620
2	1.E-03	.00021	2.050	.545	3.9E+03	.286	1.8E-03	.695
3	1.E-04	.00014	1.944	.522	2.3E+03	.301	1.8E-03	.709
4	1.E-04	.00013	1.865	.502	1.5E+03	.310	1.8E-03	.714
5	1.E-04	.00013	1.809	.488	1.0E+03	.317	1.8E-03	.718
6	1.E-04	.00013	1.772	.478	8.0E+02	.322	1.8E-03	.721

Pct Std Deviations 16.0 15.5 474.0 12.1 9.7 3.7

Correlation Matrix	1.000					
	.999	1.000				
	.998	.996	1.000			
	-.941	-.947	-.928	1.000		
	-.448	-.435	-.470	.135	1.000	
	-.746	-.730	-.770	.500	.845	1.000

Apparent Resistivity Measured at 1 Hz is 110.9
Apparent Resistivity Calculated from Inductive Coupling is 428.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6874	.4278	37.8	.0	0	1547.9	191.4	87.6	.0	0
9	.6818	.4743	30.4	.1	0	947.8	250.7	73.5	.0	0
8	.7307	.5461	25.3	.2	0	507.9	292.9	42.3	.1	0
7	.7125	.6409	10.0	.7	0	296.9	296.7	.1	2.1	1
6	.7465	.7416	.7	.5	1	260.4	260.0	.2	.3	1
5	.8229	.8274	-.5	1.0	1	199.1	202.9	-1.9	.8	1
4	.8814	.8892	-.9	.3	1	153.5	147.6	3.8	2.0	1
3	.9333	.9310	.2	.3	1	106.1	105.4	.7	2.0	1
2	.9593	.9600	-.1	.1	1	75.8	77.2	-1.8	.7	1
1	.9791	.9822	-.3	.1	1	58.4	60.2	-3.1	.7	1
0	1.0000	1.0013	-.1	.0	1	51.0	51.0	-.1	1.3	1
-1	1.0197	1.0198	-.0	.1	1	47.0	47.1	-.2	.7	1
-2	1.0408	1.0388	.2	.1	1	48.9	46.4	5.1	2.8	1
-3	1.0615	1.0592	.2	.2	1	45.3	47.7	-5.4	3.0	1
-4	1.0912	1.0816	.9	.3	1	50.7	50.2	.9	4.4	1



CRL: Number of dispersions= 3 Negative.

C1=.25 M2=1 M3=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2	T3
0	1.E-02	.00893	1.800	.480	1.0E+02	9.8E-04	.720	3.5E-05
1	1.E-02	.00207	1.691	.485	1.1E+02	1.1E-03	.890	1.5E-05
2	1.E-03	.00103	1.764	.492	2.4E+02	1.1E-03	.871	3.0E-06
3	1.E-03	.00084	1.877	.520	5.4E+02	1.0E-03	.849	1.5E-06
4	1.E-03	.00076	2.019	.552	1.2E+03	9.3E-04	.844	1.1E-06
5	1.E-03	.00068	2.203	.589	2.6E+03	8.3E-04	.840	1.0E-06
6	1.E-03	.00061	2.449	.630	6.2E+03	7.3E-04	.839	1.0E-06
7	1.E-03	.00054	2.767	.673	1.5E+04	6.4E-04	.841	1.0E-06
8	1.E-03	.00044	3.140	.712	3.5E+04	5.6E-04	.847	1.0E-06
9	1.E-03	.00030	3.513	.742	6.0E+04	5.1E-04	.855	1.0E-06

Pct Std Deviations 40.9 14.8 847.4 50.0 2.3 999.9

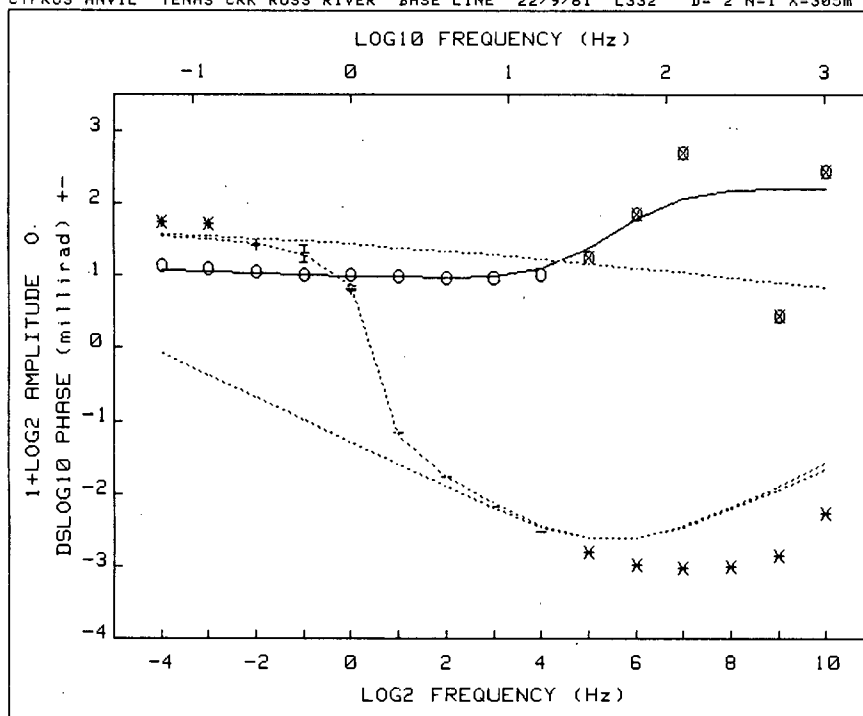
Correlation Matrix								
	1.000							
	1.000	1.000						
	.999	.998	1.000					
	-.994	-.993	-.995	1.000				
	-.515	-.504	-.537	.595	1.000			
	.932	.930	.936	-.950	-.671	1.000		

CYPRUS ANVIL TENAS CRK ROSS RIVER BASE LINE 22/9/81 L332 D= 1 N=6 X=305m

Apparent Resistivity Measured at 1 Hz is 68.48

Apparent Resistivity Calculated from Inductive Coupling is 1301

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	7.1124	2.2200	68.8	.0	0	-89.2	-437.8	-390.8	.4	0
9	5.3058	1.9154	63.9	0.0	0	-750.9	-743.0	1.0	.0	1
8	3.2589	1.5015	53.9	.0	0	-1271.7	-1170.8	7.9	.0	1
7	1.9301	1.1349	41.2	.2	0	1427.1	1447.1	-1.4	.3	1
6	1.2976	.9482	26.9	.2	0	978.5	926.9	5.3	.4	1
5	1.0327	.9048	12.4	1.2	0	542.4	540.2	.4	1.1	1
4	.9417	.9156	2.8	.6	1	307.3	308.1	-.2	2.1	1
3	.9494	.9370	1.3	.7	1	179.2	180.5	-.7	1.8	1
2	.9602	.9576	.3	.3	1	113.4	112.0	.6	2.2	1
1	.9802	.9763	.4	.3	1	78.8	78.1	.8	2.4	1
0	1.0000	.9945	.5	.3	1	59.0	61.8	-4.0	3.5	1
-1	1.0208	1.0136	.7	.4	1	57.1	55.8	2.3	5.5	1
-2	1.0402	1.0347	.5	.4	1	55.8	55.7	.2	8.8	1
-3	1.0631	1.0580	.4	.5	1	57.2	59.1	-3.3	15.4	1
-4	1.0944	1.0865	.7	.7	1	64.3	64.6	-.5	11.0	1



CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00246	1.379	.337	6.8E+01	2.3E-03
1	1.E-02	.00246	1.383	.338	7.0E+01	2.3E-03

Pct Std Deviations 24.7 47.8 5792.4 32.6

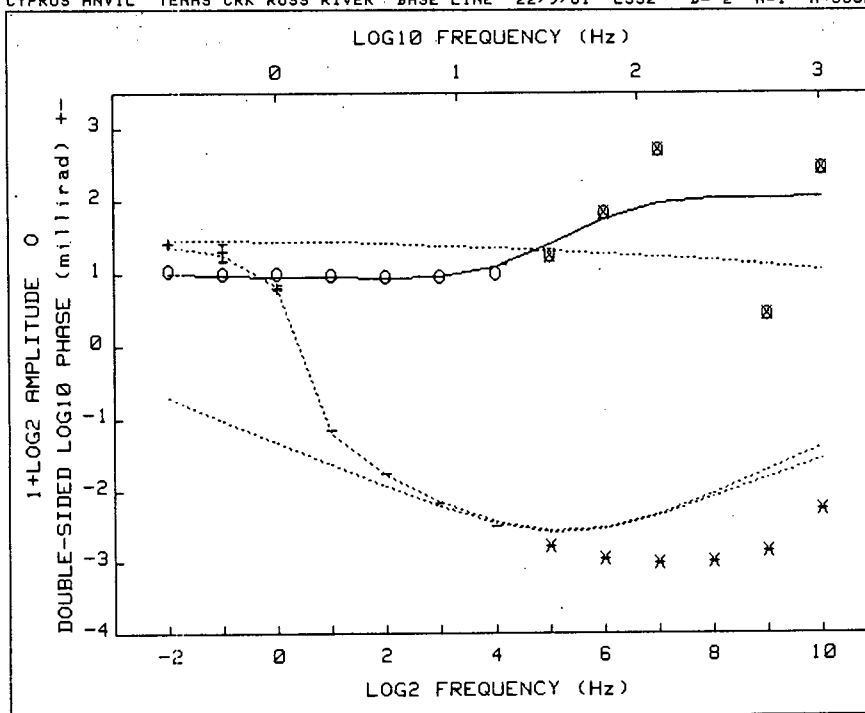
Correlation Matrix

1.000			
.998	1.000		
.997	.997	1.000	
-.984	-.980	-.991	1.000

Apparent Resistivity Measured at 1 Hz is 20.17

Apparent Resistivity Calculated from Inductive Coupling is 30.55

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-4	1.1017	1.0550	4.2	.0	1	56.6	35.9	36.6	.9	0
-3	1.0678	1.0381	2.8	.0	1	53.6	32.5	39.4	.4	0
-2	1.0328	1.0226	1.0	.1	1	26.7	27.6	-3.3	5.6	1
-1	1.0080	1.0085	-.0	.9	1	20.9	19.9	4.6	25.8	1
0	1.0000	.9960	.4	.1	1	6.6	7.1	-7.8	7.6	1
1	.9860	.9858	.0	.1	1	-14.2	-15.9	-12.2	5.6	1
2	.9756	.9810	-.6	.1	1	-58.9	-59.1	-.3	1.0	1
3	.9751	.9938	-1.9	.3	1	-150.6	-139.4	7.5	1.9	1
4	1.0046	1.0668	-6.2	.2	1	-331.0	-270.7	19.2	.7	1
5	1.1817	1.2973	-9.8	.1	0	-633.0	-404.1	36.2	.2	0
6	1.7954	1.7178	4.3	.1	0	-935.4	-404.9	56.7	.1	0
7	3.2654	2.0877	36.1	.0	0	-1076.7	-276.8	74.3	.0	0
8	6.1560	2.2512	63.4	.0	0	-1001.0	-152.4	84.8	0.0	0
9	.6830	2.2988	-236.6	.4	0	-709.9	-77.2	89.1	0.0	0
10	2.7103	2.3094	14.8	.0	0	-185.0	-37.8	79.6	.2	0



CRL: Number of dispersions= 2 Negative.
T1=1 C1=.25 M2=1 fixed

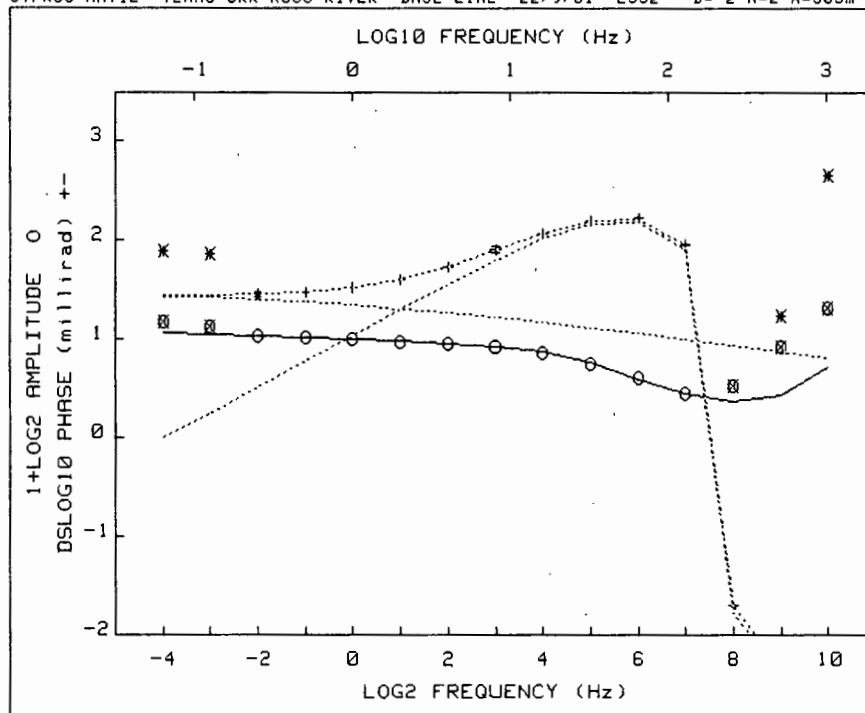
Iter	Lambda	Rchsq	R0	M1	T2	C2
0	1.E-02	.00740	1.192	.296	1.0E-03	.040
1	1.E-02	.00277	1.161	.250	2.0E-03	1.000
2	1.E+00	.00271	1.166	.252	2.9E-03	1.000
3	1.E+01	.00267	1.166	.253	2.9E-03	1.000
4	1.E+01	.00264	1.167	.253	2.9E-03	1.000
5	1.E+01	.00262	1.167	.254	2.9E-03	1.000

Pct Std Deviations 1.7 8.1 11.0 4.7

Correlation Matrix	1.000			
	.616	1.000		
	-.370	-.628	1.000	
	-.513	-.869	.911	1.000

Apparent Resistivity Measured at 1 Hz is 20.17
Apparent Resistivity Calculated from Inductive Coupling is 24.27

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.7103	2.0633	23.9	.0	0	-185.0	-25.5	86.2	.2	0
9	.6830	2.0605	-201.7	.4	0	-709.9	-54.8	92.3	.0	0
8	6.1560	2.0369	66.9	.0	0	-1001.0	-112.0	88.8	.0	0
7	3.2654	1.9424	40.5	.0	0	-1076.7	-212.7	80.2	.0	0
6	1.7954	1.6858	6.1	.1	0	-935.4	-338.7	63.8	.1	0
5	1.1817	1.3160	-11.4	.1	0	-633.0	-378.4	40.2	.2	0
4	1.0046	1.0697	-6.5	.2	1	-331.0	-274.4	17.1	.7	1
3	.9751	.9838	-.9	.3	1	-150.6	-144.8	3.9	1.9	1
2	.9756	.9683	.8	.1	1	-50.9	-60.8	-3.2	1.0	1
1	.9860	.9737	1.3	.1	1	-14.2	-15.9	-12.1	5.6	1
0	1.0000	.9847	1.5	.1	1	6.6	6.9	-5.0	7.6	1
-1	1.0000	.9974	1.1	.9	1	20.9	18.3	12.2	25.8	1
-2	1.0328	1.0106	2.2	.1	1	26.7	23.8	10.7	5.6	1



CRL: Number of dispersions= 3 Negative.
C1=.25 M3=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2	T3
0	1.E-02	.00011	1.231	.246	1.3E+01	.280	3.4E-03	.879	5.5E-05
1	1.E-02	.00011	1.231	.247	1.3E+01	.280	3.4E-03	.879	5.5E-05

Pct Std Deviations 5.3 12.0 482.5 2.6 2.8 2.4 4.9

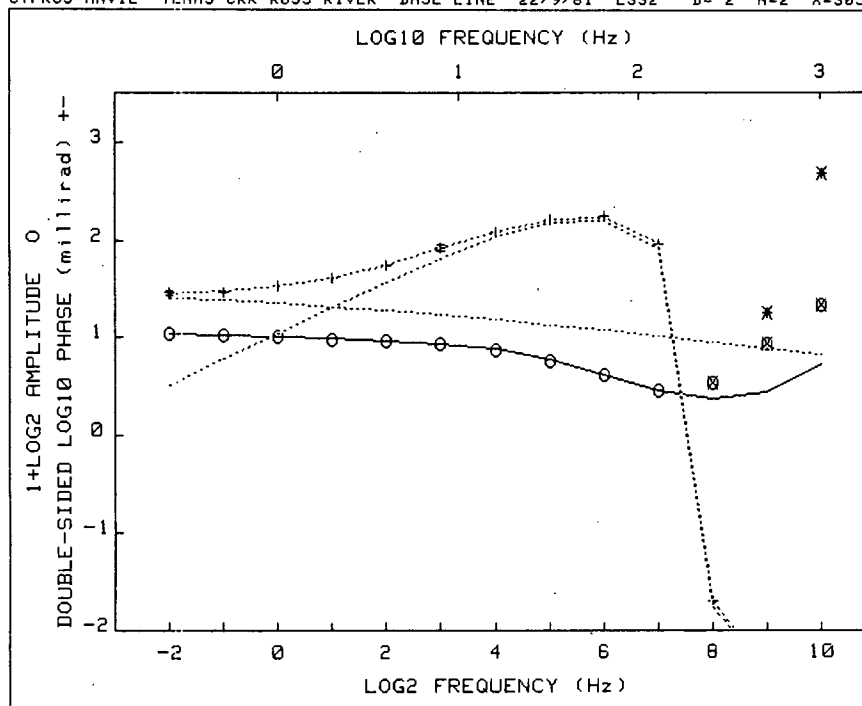
Correlation Matrix

1.000								
.994	1.000							
.995	.983	1.000						
-.571	-.636	-.520	1.000					
-.064	-.043	-.089	-.510	1.000				
-.753	-.697	-.789	-.048	.478	1.000			
-.826	-.850	-.802	.872	-.447	.321	1.000		

Apparent Resistivity Measured at 1 Hz is 72.23

Apparent Resistivity Calculated from Inductive Coupling is 3329

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-4	1.1360	1.0483	7.7	.1	0	78.0	28.5	63.4	.4	0
-3	1.0929	1.0354	5.3	.0	0	72.4	28.5	60.6	.4	0
-2	1.0310	1.0229	.8	.1	1	28.9	28.8	.3	6.7	1
-1	1.0118	1.0110	.1	.1	1	29.8	30.1	-.9	1.2	1
0	1.0000	.9994	.1	.1	1	33.6	33.4	.6	2.4	1
1	.9859	.9875	-.2	.1	1	40.5	40.7	-.5	1.2	1
2	.9698	.9735	-.4	.1	1	54.4	55.0	-1.1	1.7	1
3	.9520	.9529	-.1	.5	1	81.4	80.5	1.1	6.8	1
4	.9083	.9159	-.8	.6	1	119.1	119.4	-.2	2.9	1
5	.8380	.8490	-1.3	.4	1	159.8	159.7	.1	2.3	1
6	.7651	.7572	1.0	.7	1	169.3	161.8	4.4	2.5	1
7	.6842	.6787	.8	.3	1	89.3	90.1	-.9	1.3	1
8	.7206	.6434	10.7	.0	0	-50.1	-50.1	.1	.2	1
9	.9471	.6714	29.1	.1	0	17.6	-247.1	1503.9	0.0	0
10	1.2491	.8224	34.2	.1	0	462.7	-450.3	197.3	.1	0

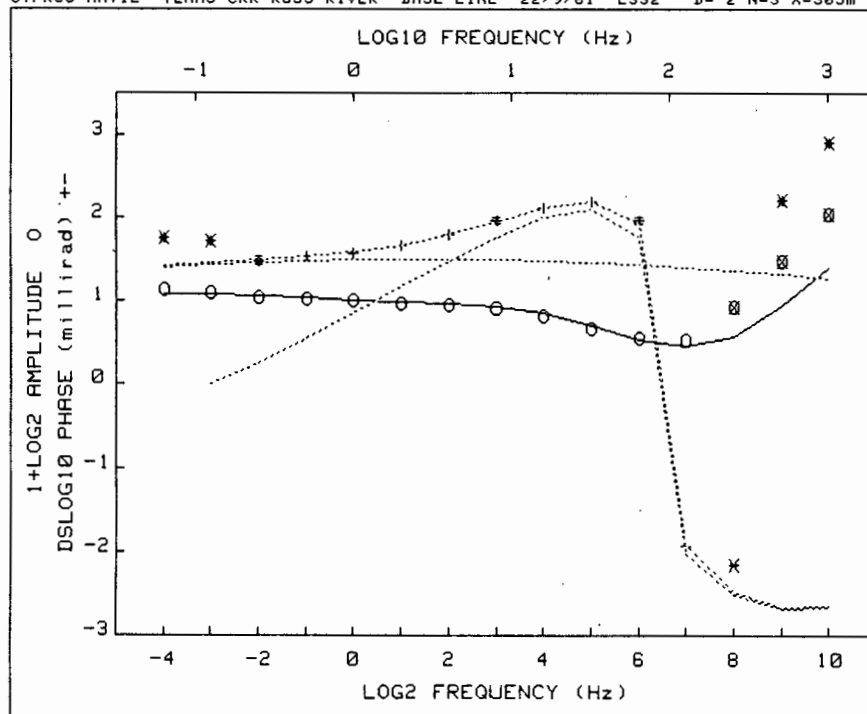


CRL: Number of dispersions= 3 Negative.
 C1=.25 M3=1 C3=1 fixed

Iter	Lambda	Rchsqr	R0	M1	T1	M2	T2	C2	T3
0	1.E-02	.85946	1.500	.400	1.8E+01	.300	5.1E-03	.850	4.0E-05
1	1.E-02	.00850	1.192	.266	1.9E+01	.287	3.6E-03	.903	4.9E-05
2	1.E-03	.00011	1.245	.253	1.8E+01	.277	3.4E-03	.878	5.3E-05
3	1.E-04	.00011	1.241	.251	1.7E+01	.279	3.4E-03	.876	5.4E-05
4	1.E-05	.00011	1.231	.246	1.3E+01	.280	3.4E-03	.879	5.5E-05
Pct Std Deviations			5.8	13.6	525.2	3.0	2.8	2.4	5.3
Correlation Matrix			1.000						
			.995	1.000					
			.996	.986	1.000				
			-.694	-.742	-.653	1.000			
			-.072	-.055	-.096	-.433	1.000		
			-.754	-.709	-.789	.107	.486	1.000	
			-.853	-.873	-.832	.918	-.401	.367	1.000

Apparent Resistivity Measured at 1 Hz is 72.23
 Apparent Resistivity Calculated from Inductive Coupling is 127.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.2491	.8224	34.2	.1	0	462.7	-450.3	197.3	.1	0
9	.9471	.6714	29.1	.1	0	17.6	-247.0	999.0	.0	0
8	.7206	.6434	10.7	.0	0	-50.1	-50.1	.1	.2	1
7	.6842	.6786	.8	.3	1	89.3	90.1	-.9	1.3	1
6	.7651	.7572	1.0	.7	1	169.3	161.8	4.4	2.5	1
5	.8380	.8490	-1.3	.4	1	159.8	159.7	.1	2.3	1
4	.9083	.9159	-.8	.6	1	119.1	119.4	-.2	2.9	1
3	.9520	.9529	-.1	.5	1	81.4	80.5	1.1	6.8	1
2	.9698	.9734	-.4	.1	1	54.4	55.0	-1.1	1.7	1
1	.9859	.9875	-.2	.1	1	40.5	40.7	-.4	1.2	1
0	1.0000	.9994	.1	.1	1	33.6	33.4	.7	2.4	1
-1	1.0118	1.0110	.1	.1	1	29.8	30.0	-.8	1.2	1
-2	1.0310	1.0229	.8	.1	1	20.9	28.8	.4	6.7	1



CRL: Number of dispersions= 3 Negative.
C1=.25 C2=1 M3=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	T3
0	1.E-02	.00114	1.148	.269	1.1E-01	.232	4.9E-03	1.6E-04
1	1.E-02	.00109	1.156	.271	1.1E-01	.232	5.0E-03	1.6E-04
2	1.E-03	.00109	1.156	.271	1.1E-01	.232	5.0E-03	1.6E-04

Pct Std Deviations 2.9 12.8 823.8 5.2 7.7 9.9

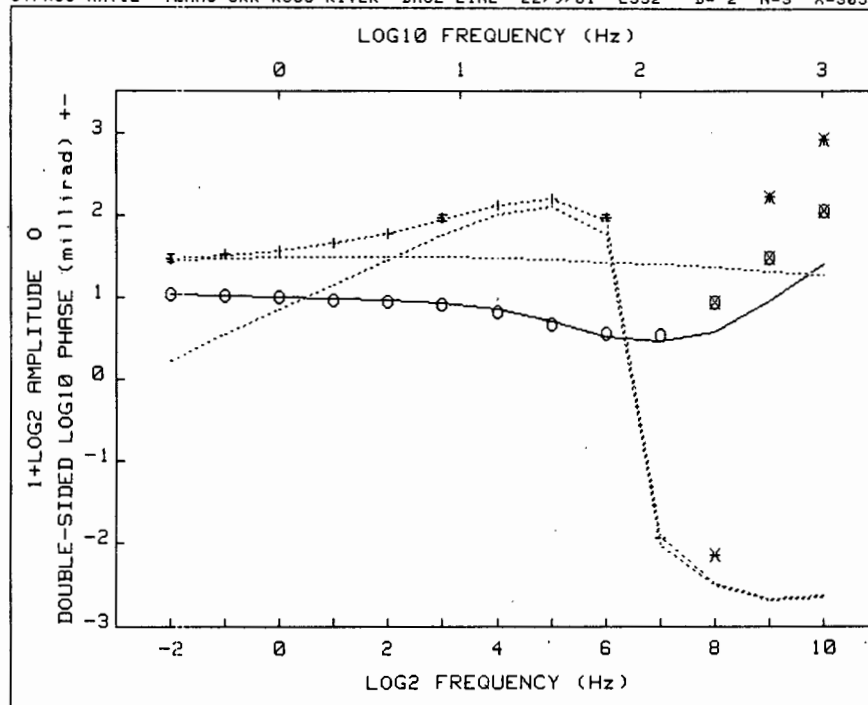
Correlation Matrix

	1.000							
	-.805	1.000						
	.948	-.929	1.000					
	.547	-.737	.636	1.000				
	.452	-.611	.519	.211	1.000			
	-.783	.807	-.838	-.309	-.772	1.000		

Apparent Resistivity Measured at 1 Hz is 35.75

Apparent Resistivity Calculated from Inductive Coupling is 2203

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-4	1.0980	1.0602	3.4	.2	1	57.3	25.6	55.3	3.0	0
-3	1.0643	1.0479	1.5	.1	1	52.9	27.9	47.2	2.1	0
-2	1.0281	1.0348	-.7	.1	1	30.2	30.4	-.8	10.6	1
-1	1.0094	1.0212	-1.2	.3	1	33.7	33.5	.6	3.0	1
0	1.0000	1.0072	-.7	.2	1	36.8	38.0	-3.3	3.5	1
1	.9812	.9927	-1.2	.1	1	45.2	45.8	-1.3	2.7	1
2	.9640	.9764	-1.3	.2	1	60.5	60.4	.1	2.3	1
3	.9408	.9531	-1.3	.7	1	91.5	87.8	4.1	9.2	1
4	.8845	.9065	-2.5	.9	1	129.7	129.8	-.1	3.8	1
5	.7922	.8166	-3.1	.7	1	153.5	153.3	.1	4.2	1
6	.7282	.7207	1.0	1.2	1	92.6	83.7	9.6	8.4	1
7	.7253	.6852	5.5	.4	1	-85.3	-82.6	3.2	2.6	1
8	.9546	.7448	22.0	.1	0	-140.9	-298.2	-111.6	1.1	0
9	1.3850	.9642	30.4	.0	0	160.4	-459.8	386.7	.1	0
10	2.0459	1.3241	35.3	.0	0	791.8	-431.1	154.4	.1	0



CRL: Number of dispersions= 3 Negative.
C1=.25 C2=1 M3=1 C3=1 fixed

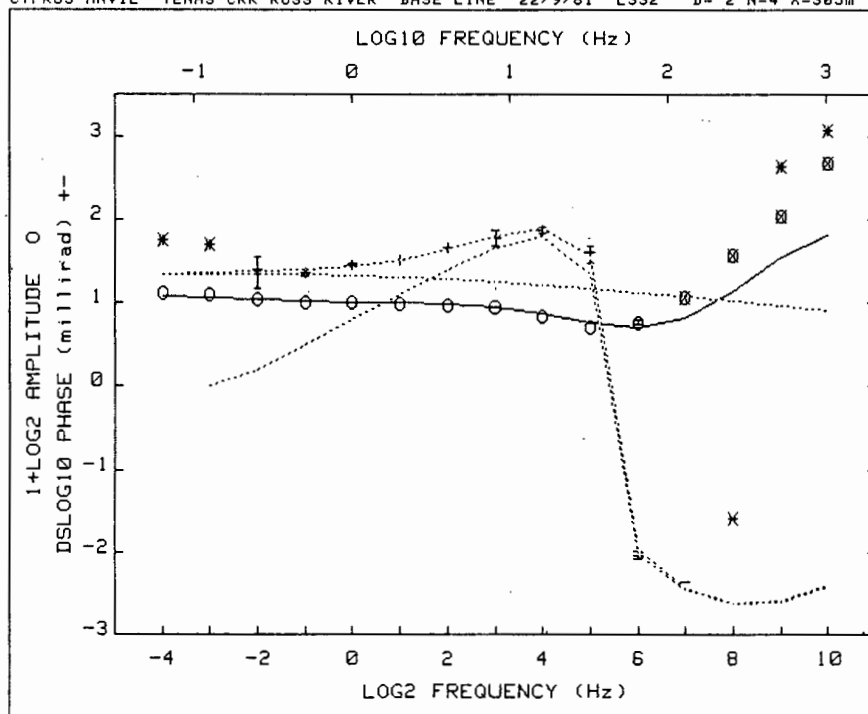
Iter	Lambda	Rchsqr	R0	M1	T1	M2	T2	T3
0	1.E-02	.00247	1.174	.247	7.8E-01	.218	6.0E-03	1.2E-04
1	1.E-02	.00104	1.182	.257	7.5E-01	.233	5.2E-03	1.4E-04
2	1.E-03	.00101	1.175	.257	5.4E-01	.235	5.1E-03	1.5E-04
3	1.E-04	.00100	1.152	.258	1.8E-01	.235	5.0E-03	1.5E-04
4	1.E-05	.00097	1.147	.268	1.1E-01	.232	4.9E-03	1.6E-04
5	1.E-06	.00097	1.148	.269	1.1E-01	.232	4.9E-03	1.6E-04

Pct Std Deviations 2.8 12.1 731.6 4.9 7.3 9.4

Correlation Matrix	1.000					
	-.790	1.000				
	.940	-.927	1.000			
	.540	-.732	.632	1.000		
	.454	-.612	.521	.207	1.000	
	-.774	.004	-.837	-.300	-.774	1.000

Apparent Resistivity Measured at 1 Hz is 35.75
Apparent Resistivity Calculated from Inductive Coupling is 299.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.0459	1.3169	35.6	.0	0	791.8	-430.0	154.3	.1	0
9	1.3850	.9597	30.7	.0	0	160.4	-458.7	386.0	.1	0
8	.9546	.7418	22.3	.1	0	-140.9	-297.4	-111.1	1.1	0
7	.7253	.6826	5.9	.4	1	-85.3	-82.3	3.5	2.6	1
6	.7282	.7180	1.4	1.2	1	92.6	83.4	10.0	8.4	1
5	.7922	.8132	-2.7	.7	1	153.5	152.5	.6	4.2	1
4	.8845	.9021	-2.0	.9	1	129.7	129.0	.5	3.8	1
3	.9408	.9481	-.8	.7	1	91.5	87.2	4.7	9.2	1
2	.9640	.9711	-.7	.2	1	60.5	60.0	.9	2.3	1
1	.9812	.9871	-.6	.1	1	45.2	45.4	-.5	2.7	1
0	1.0000	1.0015	-.1	.2	1	36.8	37.7	-2.4	3.5	1
-1	1.0094	1.0152	-.6	.3	1	33.7	33.2	1.6	3.0	1
-2	1.0281	1.0286	-.0	.1	1	30.2	30.1	.4	10.6	1



CRL: Number of dispersions= 3 Negative.
C1=.25 C2=1 M3=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	T3
0	1.E-02	.00229	1.135	.198	1.3E+00	.172	7.0E-03	3.3E-04
1	1.E-02	.00197	1.152	.199	1.3E+00	.169	7.1E-03	3.3E-04
2	1.E-03	.00197	1.153	.199	1.4E+00	.169	7.1E-03	3.3E-04

Pct Std Deviations 6.5 10.6 4113.6 6.2 11.4 14.0

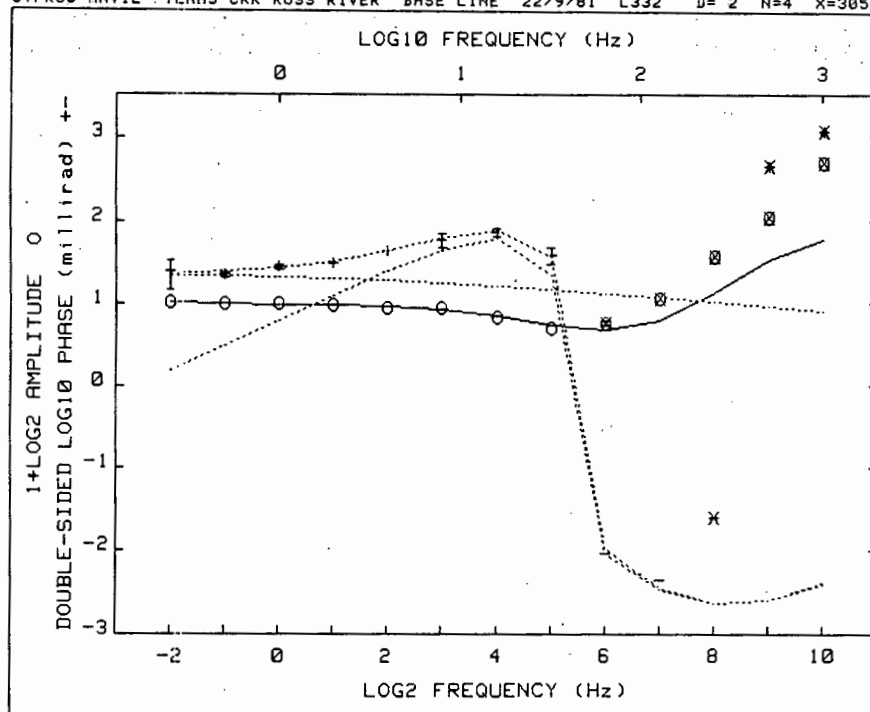
Correlation Matrix

1.000							
.837	1.000						
.980	.767	1.000					
-.212	-.349	-.183	1.000				
.560	.247	.606	-.394	1.000			
-.800	-.610	-.822	.604	-.792	1.000		

Apparent Resistivity Measured at 1 Hz is 32.32

Apparent Resistivity Calculated from Inductive Coupling is 1720

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-4	1.0875	1.0479	3.6	.2	1	57.8	22.1	61.8	4.6	0
-3	1.0635	1.0376	2.4	.1	1	50.1	22.8	54.5	3.4	0
-2	1.0215	1.0273	-.6	.5	1	24.6	23.6	4.1	40.7	1
-1	1.0027	1.0171	-1.4	.7	1	22.8	24.8	-8.9	7.5	1
0	1.0000	1.0071	-.7	.4	1	28.4	27.3	3.8	6.0	1
1	.9836	.9968	-1.3	.2	1	31.8	32.7	-2.7	2.8	1
2	.9696	.9841	-1.5	.3	1	44.7	43.6	2.5	4.7	1
3	.9585	.9614	-.3	1.1	1	59.9	62.3	-4.0	21.0	1
4	.8945	.9122	-2.0	1.5	1	73.8	76.8	-4.0	10.2	1
5	.8157	.8422	-3.3	1.2	1	39.2	36.3	7.4	24.0	1
6	.8506	.8108	4.7	1.8	1	-108.4	-92.8	14.4	11.5	1
7	1.0476	.8745	16.5	.3	0	-225.8	-276.6	-22.5	1.2	1
8	1.4808	1.1023	25.6	.1	0	-39.7	-418.4	-953.9	2.8	0
9	2.0478	1.4683	28.3	.0	0	435.6	-390.4	189.6	.2	0
10	3.1982	1.7447	45.4	.0	0	1164.5	-252.5	121.7	.0	0



CRL: Number of dispersions= 3 Negative.
 C1=.25 C2=1 M3=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	T3
0	1.E-02	.00156	1.139	.194	1.2E+00	.170	7.1E-03	3.3E-04
1	1.E-02	.00144	1.134	.197	1.2E+00	.172	7.0E-03	3.3E-04
2	1.E-03	.00144	1.135	.198	1.3E+00	.172	7.0E-03	3.3E-04

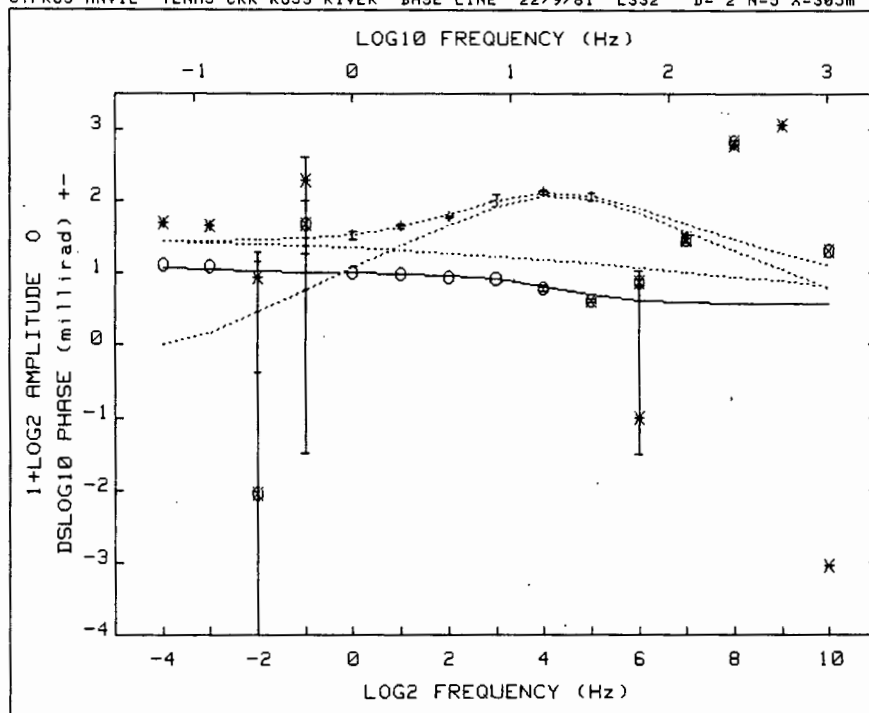
Pct Std Deviations 5.5 8.7 999.9 5.4 9.7 11.9

Correlation Matrix

1.000								
.819	1.000							
.974	.745	1.000						
-.224	-.343	-.189	1.000					
.562	.228	.608	-.417	1.000				
-.793	-.585	-.816	.620	-.797	1.000			

Apparent Resistivity Measured at 1 Hz is 32.32
 Apparent Resistivity Calculated from Inductive Coupling is 467.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	3.1982	1.7204	46.2	.0	0	1164.5	-248.6	121.3	.0	0
9	2.0478	1.4533	29.0	.0	0	435.6	-387.3	188.9	.2	0
8	1.4808	1.0923	26.2	.1	0	-39.7	-419.9	-957.6	2.8	0
7	1.0476	.8630	17.6	.3	0	-225.8	-280.2	-24.1	1.2	1
6	.8506	.7982	6.2	1.8	0	-108.4	-93.9	13.4	11.5	1
5	.8157	.8300	-1.8	1.2	1	39.2	37.2	5.1	24.0	1
4	.8945	.9001	-.6	1.5	1	73.8	77.4	-4.8	10.2	1
3	.9585	.9486	1.0	1.1	1	59.9	62.4	-4.1	21.0	1
2	.9696	.9709	-.1	.3	1	44.7	43.5	2.7	4.7	1
1	.9836	.9834	.0	.2	1	31.8	32.5	-2.3	2.8	1
0	1.0000	.9934	.7	.4	1	28.4	27.2	4.3	6.0	1
-1	1.0027	1.0032	-.1	.7	1	22.8	24.6	-8.1	7.5	1
-2	1.0215	1.0132	.8	.5	1	24.6	23.4	5.0	40.7	1



CRL: Number of dispersions= 2
C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2
0	1.E-02	.00100	1.231	.247	1.0E+01	.166	9.1E-03
1	1.E-02	.00099	1.222	.243	1.0E+01	.164	9.3E-03
2	1.E-03	.00099	1.225	.244	1.1E+01	.164	9.4E-03

Pct Std Deviations 54.5 208.7 9999.9 35.0 9.7

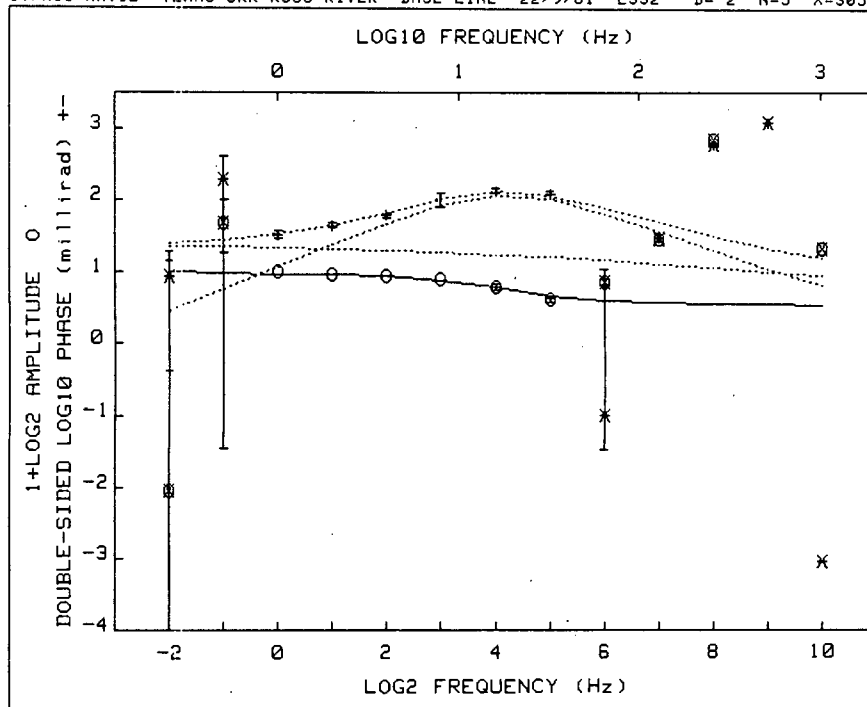
Correlation Matrix

1.000					
.999	1.000				
.999	.996	1.000			
-.982	-.986	-.975	1.000		
.381	.356	.403	-.367	1.000	

Apparent Resistivity Measured at 1 Hz is 25.00

Apparent Resistivity Calculated from Inductive Coupling is 517.9

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-4	1.0912	1.0475	4.0	.3	1	50.7	28.1	44.5	4.4	0
-3	1.0615	1.0348	2.5	.2	1	45.3	28.1	38.0	3.0	0
-2	.1205	1.0226	-748.5	826.0	0	8.7	28.4	-226.9	128.0	0
-1	1.6106	1.0112	37.2	25.4	0	192.1	30.0	84.4	115.6	0
0	1.0000	1.0004	-.0	.6	1	33.1	34.3	-3.5	12.2	1
1	.9832	.9892	-.6	.4	1	44.4	44.3	.2	7.4	1
2	.9603	.9739	-1.4	.4	1	61.7	65.0	-5.4	6.8	1
3	.9405	.9430	-.3	1.4	1	101.5	99.7	1.7	20.4	1
4	.8663	.8811	-1.7	2.9	1	134.3	130.7	2.7	8.9	1
5	.7665	.8110	-5.8	2.1	0	117.3	118.8	-1.3	13.3	1
6	.9130	.7715	15.5	3.0	0	-10.3	79.3	869.8	205.8	0
7	1.3680	.7557	44.8	.4	0	29.8	47.7	-60.0	12.1	0
8	3.5720	.7486	79.0	.0	0	597.5	29.1	95.1	.1	0
9	9.0706	.7444	91.8	.0	0	1194.5	18.8	98.4	.0	0
10	1.2454	.7413	40.5	1.3	0	-1130.8	13.0	101.1	.0	0



CRL: Number of dispersions= 2
T1=1 C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	M2	T2	C2
0	1.E-02	.00404	1.120	.168	.185	9.3E-03	.858
1	1.E-02	.00083	1.119	.199	.171	9.7E-03	1.000
2	1.E-01	.00082	1.126	.203	.170	9.8E-03	1.000

Pct Std Deviations 2.8 22.5 16.4 9.2 8.3

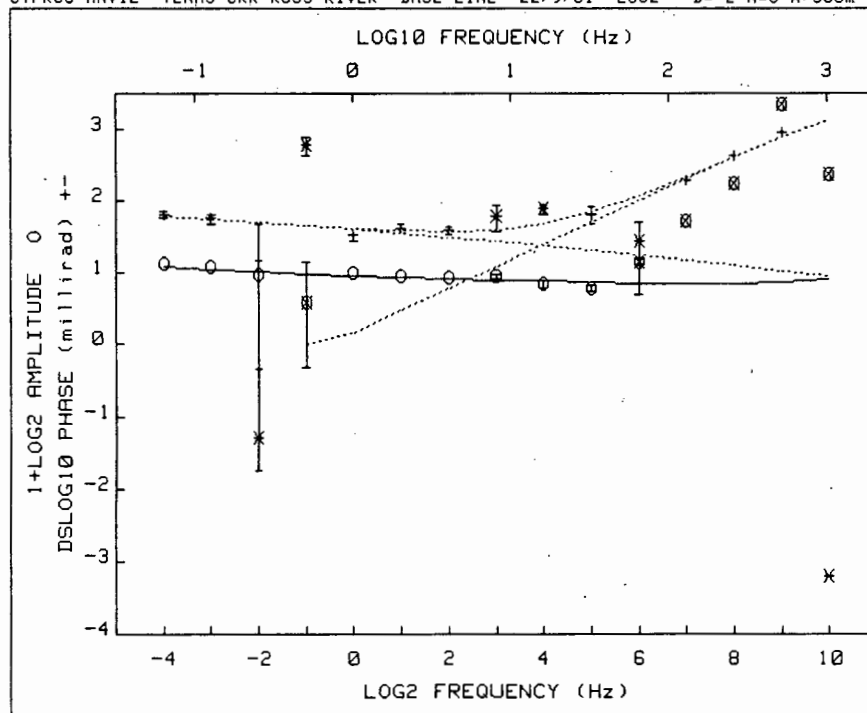
Correlation Matrix

1.000					
.950	1.000				
-.078	-.935	1.000			
.165	.134	-.384	1.000		
.792	.846	-.921	.468	1.000	

Apparent Resistivity Measured at 1 Hz is 25.80
Apparent Resistivity Calculated from Inductive Coupling is 479.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.2454	.7281	41.5	1.3	0	-1130.8	15.2	101.3	.0	0
9	9.0706	.7320	91.9	.0	0	1194.5	20.8	98.3	.0	0
8	3.5720	.7370	79.4	.0	0	597.5	30.7	94.9	.1	0
7	1.3680	.7447	45.6	.4	0	29.8	48.1	-61.5	12.1	0
6	.9130	.7602	16.7	3.0	0	-10.3	77.8	854.9	205.8	0
5	.7665	.7972	-4.0	2.1	1	117.3	115.9	1.2	13.3	1
4	.8663	.8640	.3	2.9	1	134.3	129.9	3.3	8.9	1
3	.9405	.9258	1.6	1.4	1	101.5	101.1	.4	20.4	1
2	.9603	.9577	.3	.4	1	61.7	66.3	-7.5	6.8	1
1	.9832	.9735	1.0	.4	1	44.4	44.8	-.9	7.4	1
0	1.0000	.9846	1.5	.6	1	33.1	33.7	-1.8	12.2	1
-1	1.6106	.9949	38.2	25.4	0	192.1	28.2	85.3	115.6	0
-2	.1205	1.0051	-733.9	826.0	0	8.7	25.4	-192.2	128.0	0

CYPRUS ANVIL TENAS CRK ROSS RIVER BASE LINE 22/9/81 L332 D= 2 N=6 X=305m



CRL: Number of dispersions= 2
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00303	1.905	.544	6.9E+02	1.2E-04
1	1.E-02	.00300	1.905	.544	7.0E+02	1.2E-04

Pct Std Deviations 34.3 27.2 1555.9 33.2

Correlation Matrix

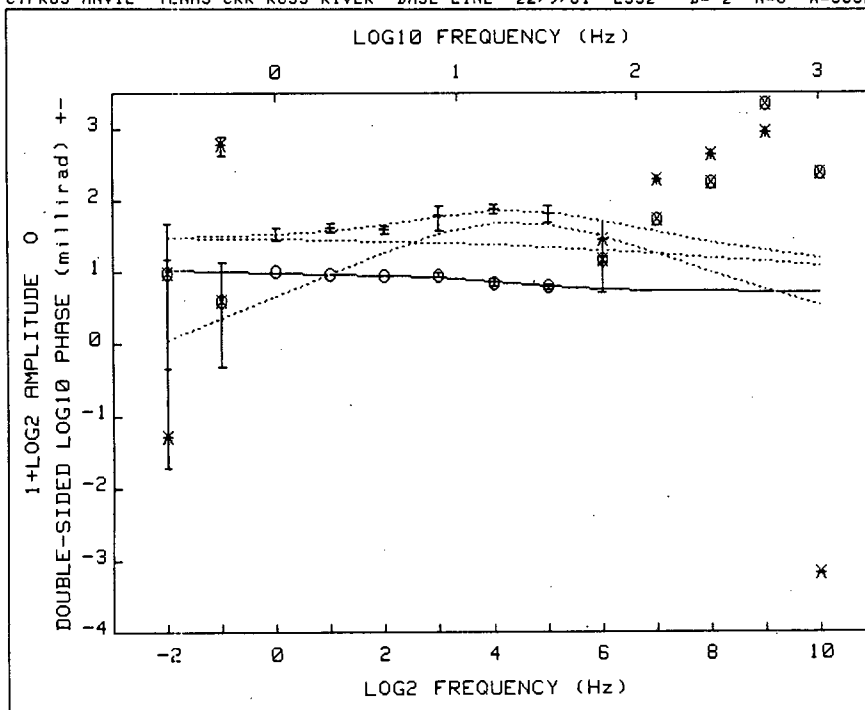
1.000			
.998	1.000		
.993	.990	1.000	
-.964	-.967	-.951	1.000

Apparent Resistivity Measured at 1 Hz is 41.58

Apparent Resistivity Calculated from Inductive Coupling is 9120

CYPRUS ANVIL TENAS CRK ROSS RIVER BASE LINE 22/9/81 L332 D= 2 N=6 X=305m

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-4	1.0944	1.0673	2.5	.7	1	64.3	60.4	6.1	11.0	1
-3	1.0631	1.0403	2.1	.5	1	57.2	55.5	3.0	15.4	1
-2	.9958	1.0163	-2.1	60.2	1	-19.7	58.5	356.4	177.4	0
-1	.7574	.9953	-31.4	46.6	0	616.6	45.8	92.6	29.4	0
0	1.0000	.9769	2.3	.8	1	34.2	41.6	-21.7	20.0	1
1	.9745	.9611	1.4	.7	1	41.5	38.5	7.3	15.0	1
2	.9633	.9474	1.6	.5	1	38.9	37.2	4.3	12.1	1
3	.9600	.9357	3.3	1.8	1	61.3	39.5	35.6	39.8	0
4	.8987	.9258	-3.0	3.2	1	77.5	48.5	37.4	14.8	0
5	.8632	.9176	-6.3	2.6	1	66.0	70.7	-7.2	28.3	1
6	1.1195	.9111	18.6	2.5	0	27.9	119.0	-326.5	82.1	0
7	1.6486	.9067	45.0	.4	0	195.7	218.7	-11.8	2.2	1
8	2.3769	.9065	61.9	.1	0	433.4	418.0	3.6	.4	1
9	5.0753	.9166	81.9	.0	0	892.2	792.4	11.2	.0	1
10	2.6048	.9472	63.6	.2	0	-1547.5	1387.5	189.7	.0	0



CRL: Number of dispersions= 2
T1=1 C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	M2	T2
0	1.E-02	.00187	1.200	.285	.061	8.5E-03
1	1.E-02	.00123	1.186	.265	.075	8.3E-03
2	1.E-03	.00121	1.184	.262	.076	8.3E-03
3	1.E-04	.00121	1.184	.262	.076	8.3E-03

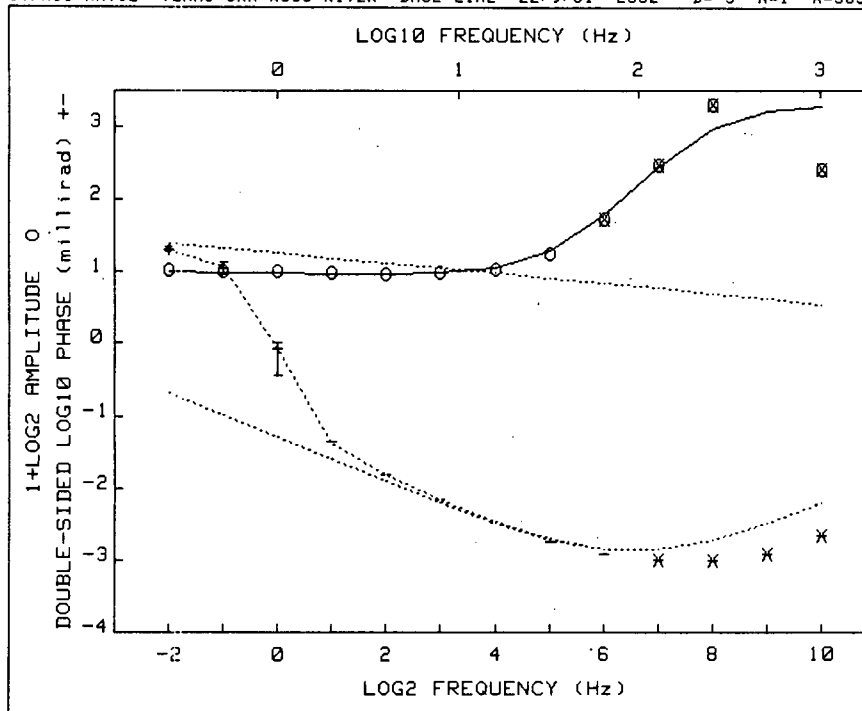
Pct Std Deviations 1.8 8.2 10.8 15.8

Correlation Matrix

1.000			
.831	1.000		
-.596	-.732	1.000	
-.360	-.535	.128	1.000

Apparent Resistivity Measured at 1 Hz is 41.58
Apparent Resistivity Calculated from Inductive Coupling is 1745

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.6048	.8137	68.8	.2	0	-1547.5	15.4	101.0	.0	0
9	5.0753	.8188	83.9	.0	0	892.2	19.3	97.8	.0	0
8	2.3769	.8251	65.3	.1	0	433.4	25.3	94.2	.4	0
7	1.6486	.8334	49.4	.4	0	195.7	35.1	82.1	2.2	0
6	1.1195	.8469	24.4	2.5	0	27.9	50.5	-81.0	82.1	0
5	.8632	.8725	-1.1	2.6	1	66.0	68.5	-3.8	28.3	1
4	.8987	.9115	-1.4	3.2	1	77.5	72.9	5.9	14.8	1
3	.9688	.9446	2.4	1.8	1	61.3	59.5	2.9	39.8	1
2	.9633	.9648	-.2	.5	1	38.9	45.8	-17.6	12.1	1
1	.9745	.9794	-.5	.7	1	41.5	37.9	8.7	15.0	1
0	1.0000	.9929	.7	.8	1	34.2	34.1	.3	20.0	1
-1	.7574	1.0064	-32.9	46.6	0	616.6	32.3	94.8	29.4	0
-2	.9958	1.0202	-2.5	60.2	0	-19.7	31.3	258.6	177.4	0



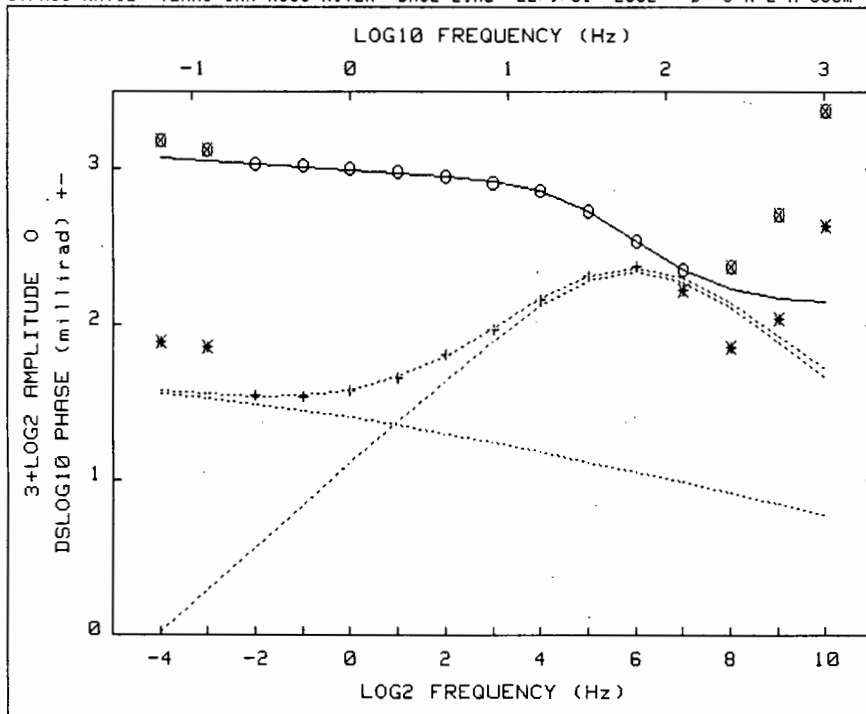
CRL: Number of dispersions= 2 Negative.
C1=.25 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.07351	3.393	.727	2.5E+05	8.0E-04
1	1.E-02	.01791	2.643	.653	4.5E+05	1.1E-03
2	1.E-02	.00267	3.200	.712	6.3E+05	9.4E-04
3	1.E-02	.00167	3.380	.721	8.9E+05	9.1E-04
4	1.E-03	.00108	3.698	.746	1.6E+06	8.3E-04
5	1.E-01	.00094	3.746	.748	1.7E+06	8.2E-04
6	1.E-01	.00089	3.769	.749	1.7E+06	8.2E-04
7	1.E-01	.00086	3.789	.750	1.8E+06	8.1E-04
8	1.E-02	.00080	3.972	.762	2.3E+06	7.8E-04
9	1.E-01	.00076	3.992	.763	2.4E+06	7.7E-04

Pct Std Deviations	7.9	2.4	38.3	8.5
Correlation Matrix	1.000			
	.996	1.000		
	.972	.969	1.000	
	-.956	-.950	-.996	1.000

Apparent Resistivity Measured at 1 Hz is 55.15
Apparent Resistivity Calculated from Inductive Coupling is 90.20

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.6308	4.8522	-84.4	.1	0	-459.7	-159.0	65.4	.0	0
9	8.6390	4.6031	46.7	.0	0	-836.6	-304.0	63.7	.0	0
8	4.9261	3.9010	20.8	.0	0	-1010.7	-521.9	48.4	.0	0
7	2.7664	2.7349	1.1	.0	0	-1003.9	-710.8	29.2	.0	0
6	1.6539	1.7299	-4.6	.0	0	-830.5	-708.0	14.8	.0	1
5	1.1830	1.2167	-2.8	.0	1	-550.5	-513.0	6.7	.1	1
4	1.0276	1.0370	-.9	.0	1	-303.8	-292.6	3.7	.1	1
3	.9875	.9897	-.2	.1	1	-147.7	-145.9	1.2	.3	1
2	.9837	.9818	.2	.2	1	-65.7	-65.8	-.1	3.2	1
1	.9912	.9848	.7	.3	1	-22.6	-23.7	-5.0	8.8	1
0	1.0000	.9913	.9	.1	1	-1.2	-1.2	2.9	133.3	1
-1	1.0115	.9996	1.2	.3	1	11.3	11.9	-5.1	19.5	1
-2	1.0209	1.0096	1.1	.1	1	21.0	20.4	2.7	7.1	1



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00004	1.430	.352	1.6E+02	.274	3.6E-03	.894
1	1.E-02	.00004	1.430	.352	1.6E+02	.274	3.5E-03	.893
2	1.E-03	.00004	1.432	.353	1.6E+02	.274	3.5E-03	.893

Pct Std Deviations 9.9 17.2 423.4 7.3 3.3 1.9

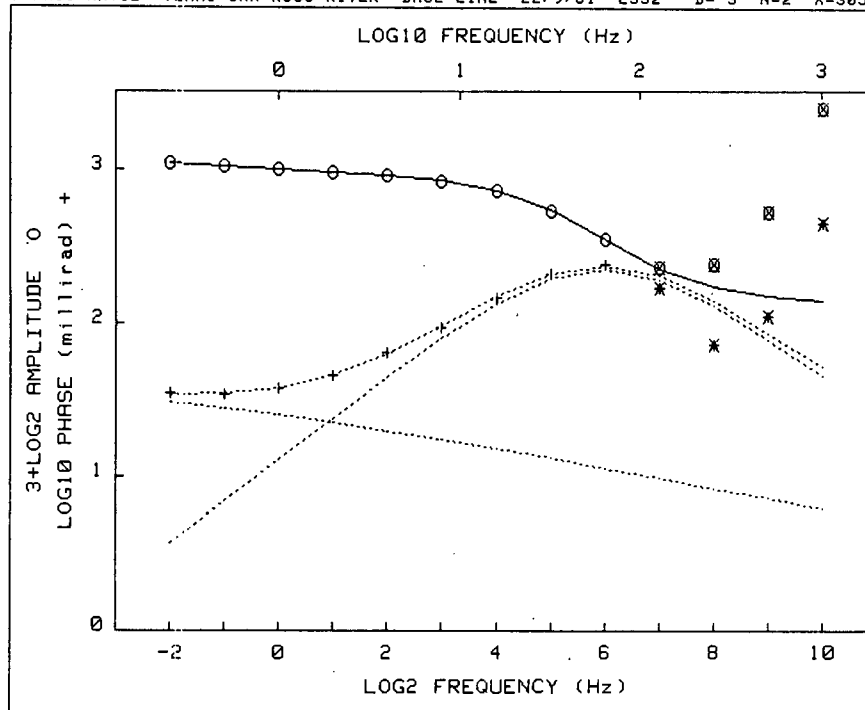
Correlation Matrix

1.000							
1.000	1.000						
.999	.997	1.000					
-.960	-.964	-.950	1.000				
-.342	-.336	-.363	.094	1.000			
-.764	-.753	-.786	.573	.746	1.000		

Apparent Resistivity Measured at 1 Hz is 93.99

Apparent Resistivity Calculated from Inductive Coupling is 131.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-4	1.1360	1.0556	7.1	.1	0	78.0	37.5	52.0	.4	0
-3	1.0929	1.0391	4.9	.0	0	72.4	35.7	50.6	.4	0
-2	1.0278	1.0240	.4	.0	1	35.3	34.6	1.9	3.0	1
-1	1.0141	1.0102	.4	.0	1	34.2	35.0	-2.2	.7	1
0	1.0000	.9973	.3	.0	1	38.0	38.1	-.2	.5	1
1	.9857	.9845	.1	.0	1	46.1	46.4	-.6	.7	1
2	.9690	.9697	-.1	.0	1	64.8	63.8	1.5	.6	1
3	.9445	.9477	-.3	.2	1	94.9	96.2	-1.4	1.5	1
4	.9061	.9069	-.1	.1	1	147.3	148.0	-.4	.5	1
5	.8281	.8310	-.3	.2	1	208.2	208.2	.0	1.1	1
6	.7252	.7268	-.2	.4	1	237.1	235.2	.8	.8	1
7	.6396	.6382	.2	.2	1	168.7	200.6	-18.9	.1	0
8	.6483	.5885	9.2	.1	0	72.4	138.2	-90.9	0.0	0
9	.8197	.5657	31.0	.1	0	109.5	85.9	21.5	0.0	0
10	1.2999	.5552	57.3	.0	0	435.6	52.0	88.1	.0	0



CRL: Number of dispersions= 2
C1=.25 fixed

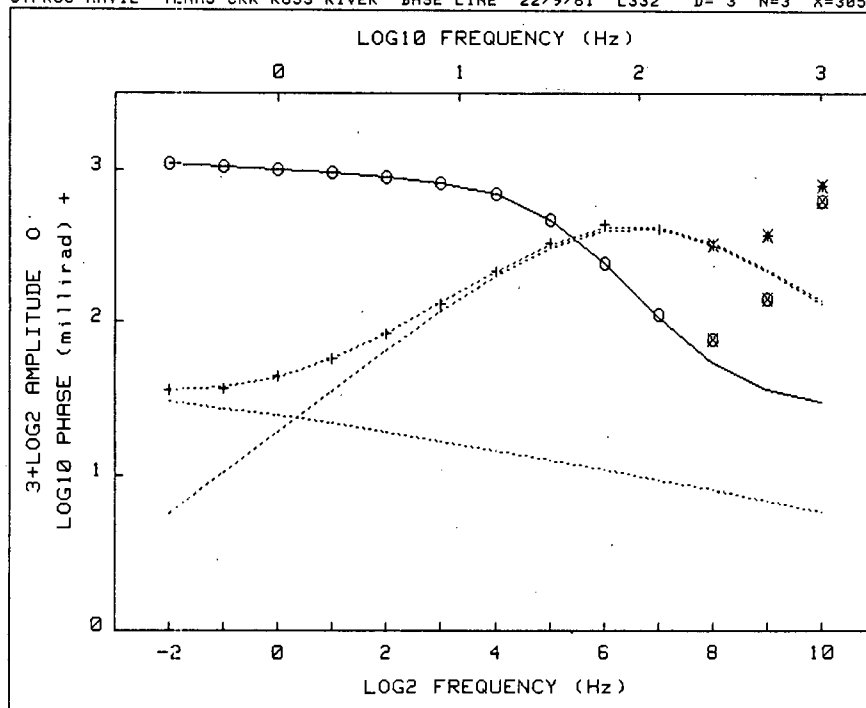
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.25282	1.500	.404	1.4E+00	.600	6.7E-03	.806
1	1.E-02	.02272	1.155	.309	1.4E+00	.317	4.5E-03	1.000
2	1.E-03	.00018	1.206	.269	1.7E+00	.285	3.9E-03	.961
3	1.E-04	.00011	1.249	.272	7.9E+00	.297	3.6E-03	.921
4	1.E-04	.00006	1.293	.294	2.0E+01	.292	3.6E-03	.912
5	1.E-04	.00005	1.331	.310	3.9E+01	.288	3.6E-03	.905
6	1.E-04	.00004	1.361	.323	6.3E+01	.284	3.6E-03	.901
7	1.E-04	.00004	1.388	.335	9.2E+01	.280	3.6E-03	.898
8	1.E-04	.00003	1.410	.344	1.2E+02	.277	3.6E-03	.896
9	1.E-04	.00003	1.430	.352	1.6E+02	.274	3.6E-03	.894

Pct Std Deviations 8.0 14.1 307.6 5.8 2.9 1.6

Correlation Matrix		1.000						
		.999	1.000					
		.998	.997	1.000				
		-.948	-.953	-.936	1.000			
		-.317	-.309	-.338	.032	1.000		
		-.763	-.749	-.786	.547	.717	1.000	

Apparent Resistivity Measured at 1 Hz is 93.99
Apparent Resistivity Calculated from Inductive Coupling is 131.4

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.2999	.5544	57.3	.0	0	435.6	51.9	88.1	.0	0
9	.8197	.5649	31.1	.1	0	109.5	85.9	21.5	.0	0
8	.6483	.5877	9.4	.1	0	72.4	138.4	-91.1	.0	0
7	.6396	.6373	.4	.2	0	168.7	201.1	-19.2	.1	0
6	.7252	.7261	-.1	.4	1	237.1	236.0	.5	.8	1
5	.8281	.8387	-.3	.2	1	208.2	208.9	-.3	1.1	1
4	.9061	.9068	-.1	.1	1	147.3	148.3	-.7	.5	1
3	.9445	.9477	-.3	.2	1	94.9	96.3	-1.5	1.5	1
2	.9690	.9696	-.1	.0	1	64.8	63.9	1.5	.6	1
1	.9857	.9844	.1	.0	1	46.1	46.4	-.6	.7	1
0	1.0000	.9972	.3	.0	1	38.0	38.1	-.3	.5	1
-1	1.0141	1.0101	.4	.0	1	34.2	35.0	-2.3	.7	1
-2	1.0278	1.0239	.4	.0	1	35.3	34.7	1.8	3.0	1



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.02802	1.430	.352	1.6E+02	.274	3.6E-03	.894
1	1.E-02	.00057	1.440	.359	1.6E+02	.430	3.2E-03	.900
2	1.E-03	.00007	1.428	.349	1.6E+02	.428	3.2E-03	.877
3	1.E-04	.00007	1.440	.353	1.9E+02	.425	3.2E-03	.876

Pct Std Deviations 13.6 24.3 831.3 11.6 1.9 1.4

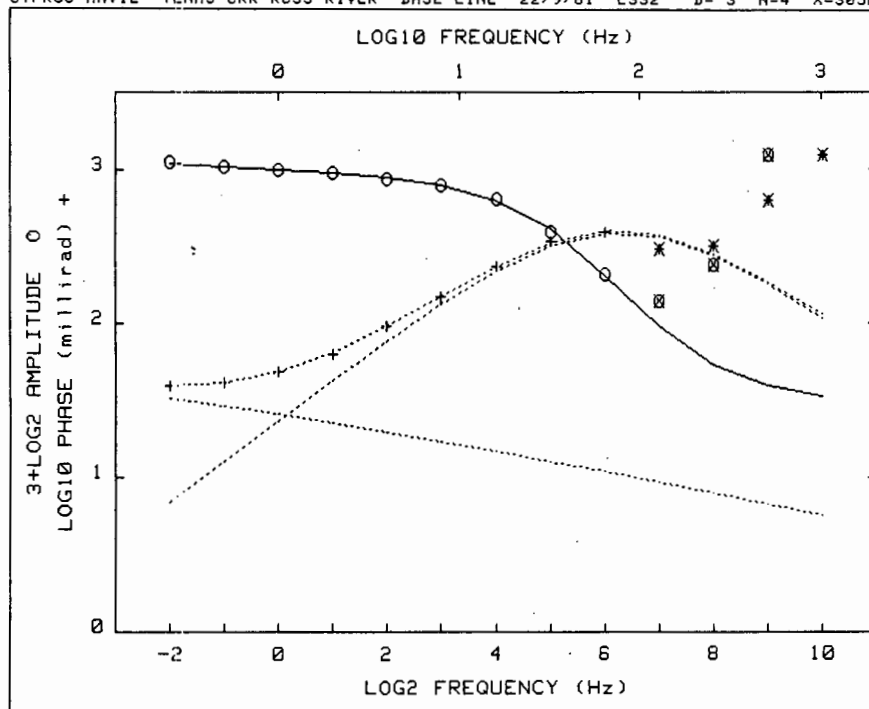
Correlation Matrix

1.000						
1.000	1.000					
.999	.997	1.000				
-.993	-.995	-.988	1.000			
-.005	-.004	-.018	-.001	1.000		
-.743	-.731	-.764	.674	.399	1.000	

Apparent Resistivity Measured at 1 Hz is 274.9

Apparent Resistivity Calculated from Inductive Coupling is 166.8

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8600	.3476	59.6	.0	0	763.4	135.2	82.3	.0	0
9	.5533	.3688	33.3	.1	0	365.2	218.3	40.2	.2	0
8	.4621	.4157	10.0	.2	0	317.3	324.7	-2.3	.2	0
7	.5144	.5092	1.0	.5	1	403.6	408.9	-1.3	.1	1
6	.6514	.6509	.1	.7	1	424.7	406.2	4.4	.8	1
5	.7899	.7938	-.5	.3	1	325.5	318.1	2.3	.9	1
4	.8902	.8897	.1	.2	1	214.6	211.9	1.3	.5	1
3	.9376	.9403	-.3	.2	1	131.9	132.4	-.4	1.4	1
2	.9650	.9671	-.2	.0	1	83.9	84.0	-.1	.6	1
1	.9823	.9843	-.2	.1	1	56.9	57.4	-.9	.9	1
0	1.0000	.9982	.2	.1	1	44.5	44.0	1.2	2.2	1
-1	1.0117	1.0116	.0	.1	1	37.3	37.9	-1.7	.5	1
-2	1.0255	1.0255	-.0	.0	1	36.4	36.0	1.0	3.0	1



CRL: Number of dispersions= 2
C1=.25 fixed

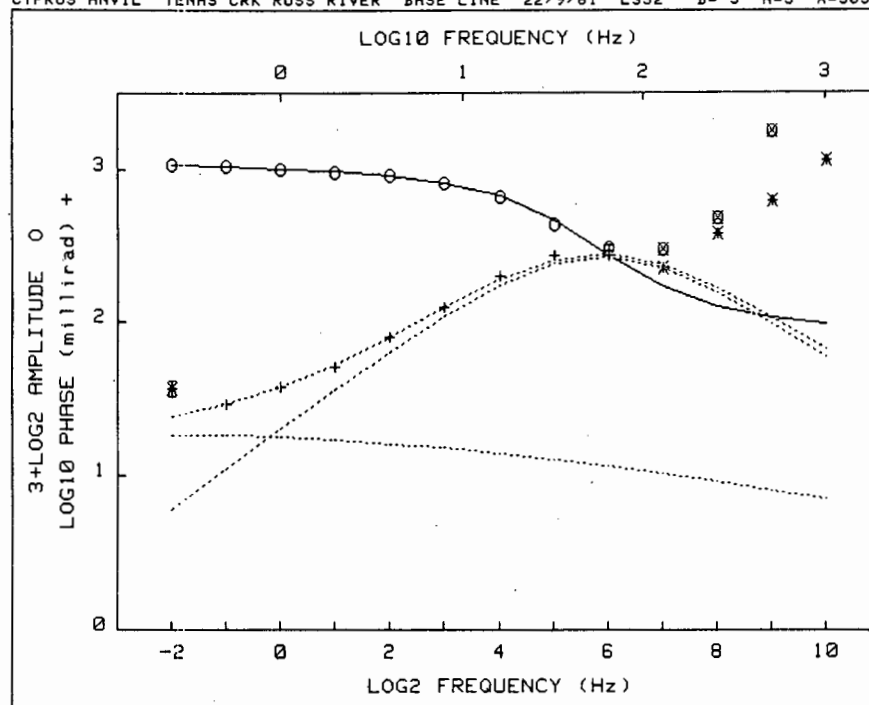
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00222	1.440	.353	1.9E+02	.425	3.2E-03	.876
1	1.E-02	.00007	1.472	.370	1.9E+02	.409	3.7E-03	.858
2	1.E-03	.00005	1.484	.375	2.0E+02	.399	3.8E-03	.870
3	1.E-04	.00005	1.512	.386	2.6E+02	.393	3.8E-03	.868
4	1.E-04	.00005	1.539	.396	3.4E+02	.387	3.8E-03	.867
5	1.E-04	.00005	1.563	.404	4.3E+02	.382	3.8E-03	.866
6	1.E-04	.00005	1.587	.413	5.2E+02	.377	3.8E-03	.866
7	1.E-04	.00005	1.609	.420	6.3E+02	.372	3.8E-03	.865
8	1.E-04	.00005	1.630	.427	7.4E+02	.368	3.8E-03	.864
9	1.E-04	.00005	1.649	.434	8.6E+02	.364	3.8E-03	.864

Pct Std Deviations 25.7 34.1 999.9 23.0 2.7 1.6

Correlation Matrix	1.000					
	1.000	1.000				
	.999	.999	1.000			
	-.996	-.997	-.994	1.000		
	-.222	-.219	-.234	.149	1.000	
	-.773	-.767	-.788	.727	.614	1.000

Apparent Resistivity Measured at 1 Hz is 112.1
Apparent Resistivity Calculated from Inductive Coupling is 252.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.2081	.3596	83.7	.0	0	1237.2	114.9	90.7	.0	0
9	1.0600	.3773	64.4	.0	0	627.5	185.7	70.4	.1	0
8	.6519	.4154	36.3	.1	0	319.9	281.8	11.9	.1	0
7	.5513	.4930	10.6	.7	0	301.5	372.3	-23.5	.5	0
6	.6249	.5194	.9	1.3	1	394.2	396.5	-.6	1.4	1
5	.7562	.7625	-.8	.6	1	340.0	332.8	2.1	1.3	1
4	.8726	.8703	.3	.3	1	235.3	232.7	1.1	.6	1
3	.9306	.9314	-.1	.4	1	148.9	149.1	-.1	1.9	1
2	.9603	.9640	-.4	.1	1	96.0	95.2	.8	1.5	1
1	.9828	.9842	-.1	.1	1	63.8	64.7	-1.4	.8	1
0	1.0000	.9998	.0	.1	1	48.6	49.0	-.8	1.0	1
-1	1.0159	1.0144	.2	.1	1	41.9	41.9	-.0	1.0	1
-2	1.0329	1.0295	.3	.1	1	40.0	39.8	.6	4.5	1



CRL: Number of dispersions= 2
T1=1 C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	M2	T2	C2
0	1.E-02	.02236	1.200	.334	.360	4.2E-03	.830
1	1.E-02	.00525	1.099	.195	.424	4.5E-03	.874
2	1.E-03	.00038	1.121	.169	.415	4.3E-03	.858
3	1.E-04	.00037	1.122	.168	.415	4.2E-03	.858
4	1.E-05	.00037	1.122	.168	.415	4.2E-03	.858

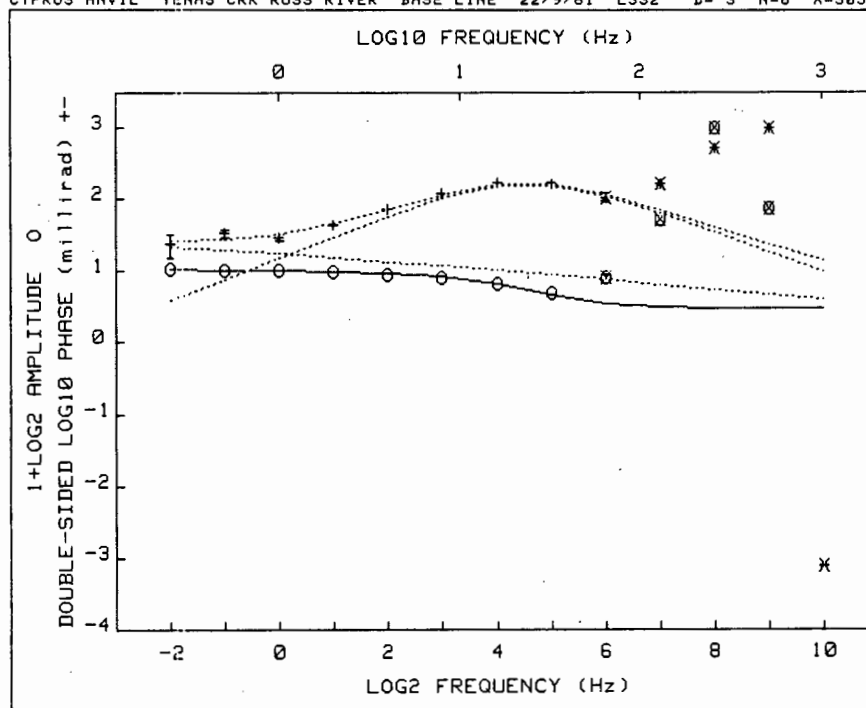
Pct Std Deviations 1.2 11.9 7.0 8.2 3.8

Correlation Matrix

1.000				
.913	1.000			
-.769	-.832	1.000		
.435	.403	-.796	1.000	
.748	.827	-.911	.724	1.000

Apparent Resistivity Measured at 1 Hz is 90.41
Apparent Resistivity Calculated from Inductive Coupling is 274.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	3.0044	.4942	83.5	.0	0	1115.9	65.7	94.1	.0	0
9	1.1783	.5069	57.0	.0	0	611.2	105.1	82.8	.1	0
8	.7949	.5325	-33.0	.1	0	376.5	163.2	56.7	.3	0
7	.6944	.5845	15.8	.8	0	225.7	231.1	-2.4	1.3	0
6	.6976	.6754	3.2	1.7	1	270.2	272.6	-.9	3.4	1
5	.7736	.7894	-2.1	1.0	1	266.2	251.8	5.4	2.6	1
4	.8826	.8837	-.1	.4	1	196.9	187.7	4.7	1.3	1
3	.9367	.9401	-.4	.7	1	124.7	124.1	.5	3.6	1
2	.9674	.9704	-.3	.1	1	80.1	79.7	.5	1.4	1
1	.9848	.9883	-.4	.1	1	50.8	52.9	-4.1	2.4	1
0	1.0000	1.0010	-.1	.2	1	37.8	37.6	.4	2.4	1
-1	1.0107	1.0116	-.1	.2	1	29.5	29.1	1.2	2.7	1
-2	1.0225	1.0212	.1	.2	1	36.9	24.4	34.0	11.9	0



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00138	1.374	.308	4.5E+02	.200	8.3E-03	.974
1	1.E-02	.00137	1.377	.308	4.5E+02	.200	8.3E-03	.974

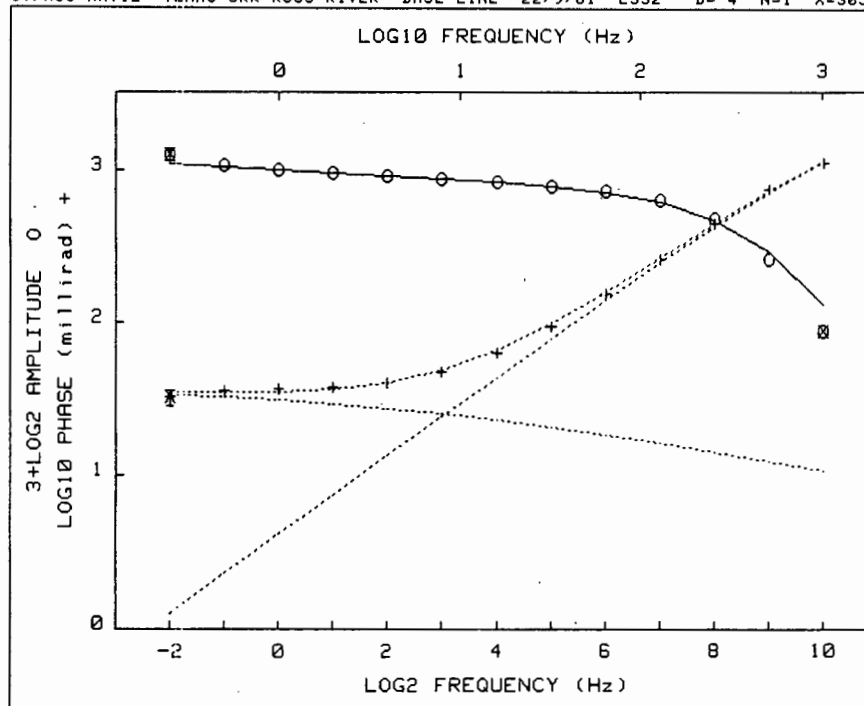
Pct Std Deviations 144.1 572.2 999.9 108.8 14.1 10.9

Correlation Matrix

1.000							
1.000	1.000						
.999	.999	1.000					
-.991	-.992	-.988	1.000				
-.231	-.229	-.243	.128	1.000			
-.784	-.779	-.798	.710	.617	1.000		

Apparent Resistivity Measured at 1 Hz is 74.57
Apparent Resistivity Calculated from Inductive Coupling is 616.4

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	5.9679	.6876	88.5	.0	0	-1301.0	13.8	101.1	.0	0
9	1.8244	.6900	62.2	.2	0	971.6	22.6	97.7	.0	0
8	3.9910	.6941	82.6	.0	0	497.8	38.9	92.2	.1	0
7	1.6213	.7032	56.6	.3	0	157.3	68.2	56.7	1.3	0
6	.9377	.7275	22.4	2.0	0	104.8	114.5	-9.3	13.6	0
5	.7992	.7862	1.6	1.5	1	160.2	161.2	-.7	6.1	1
4	.8775	.8755	.2	.5	1	165.2	160.4	2.9	2.7	1
3	.9289	.9441	-1.6	.7	1	117.7	114.2	3.0	4.3	1
2	.9639	.9761	-1.3	.3	1	72.1	70.9	1.7	4.2	1
1	.9885	.9907	-.2	.2	1	43.9	45.4	-3.3	4.7	1
0	1.0000	1.0003	-.0	.4	1	29.5	32.8	-11.2	11.4	1
-1	1.0148	1.0092	.6	.5	1	33.6	27.5	18.1	11.6	1
-2	1.0257	1.0187	.7	.5	1	23.6	26.1	-10.5	35.8	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

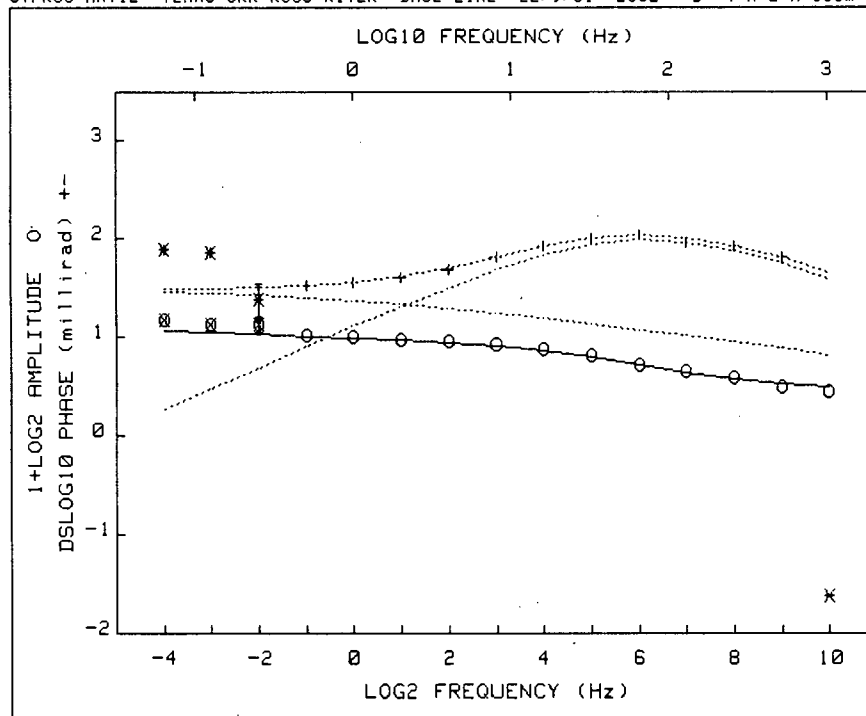
Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00379	1.270	.300	5.5E-01	2.0E-04	.852
1	1.E-02	.00034	1.188	.274	5.9E-01	1.9E-04	.858
2	1.E-03	.00038	1.206	.277	1.0E+00	1.8E-04	.852
3	1.E-03	.00029	1.218	.281	1.5E+00	1.8E-04	.847
4	1.E-03	.00028	1.226	.284	1.8E+00	1.8E-04	.844
5	1.E-04	.00028	1.249	.291	3.5E+00	1.8E-04	.836

Pct Std Deviations 4.1 6.0 296.9 5.8 2.5

Correlation Matrix	1.000				
	.966	1.000			
	.990	.940	1.000		
	-.873	-.858	-.860	1.000	
	-.871	-.768	-.880	.891	1.000

Apparent Resistivity Measured at 1 Hz is 425.7
Apparent Resistivity Calculated from Inductive Coupling is 228.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.4807	.5426	-12.9	.0	0	1102.9	1123.0	-1.8	.0	1
9	.6630	.6862	-3.5	.1	1	728.0	719.4	1.2	.1	1
8	.7956	.7939	.2	.0	1	444.2	438.2	1.3	.1	1
7	.8677	.8597	.9	.0	1	259.4	261.3	-.7	.1	1
6	.9044	.8984	.7	.0	1	152.8	157.3	-2.9	.1	1
5	.9257	.9229	.3	.0	1	93.8	98.5	-5.0	.3	1
4	.9412	.9406	.1	.0	1	62.8	66.4	-5.7	.3	1
3	.9568	.9555	.1	.0	1	47.7	49.4	-3.5	.4	1
2	.9709	.9693	.2	.0	1	40.6	40.8	-.5	.2	1
1	.9856	.9832	.2	.0	1	37.7	36.9	2.2	.0	1
0	1.0000	.9974	.3	.0	1	36.6	35.3	3.5	.3	1
-1	1.0183	1.0123	.6	.0	1	36.4	34.9	4.1	.0	1
-2	1.0698	1.0278	3.9	2.8	0	32.5	34.9	-7.3	12.3	0



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00054	1.265	.272	1.7E+01	.197	2.8E-03	.715
1	1.E-02	.00052	1.258	.265	1.7E+01	.201	2.8E-03	.702
2	1.E-03	.00052	1.259	.265	1.9E+01	.202	2.8E-03	.701

Pct Std Deviations 37.3 96.2 9999.9 11.0 10.5 10.3

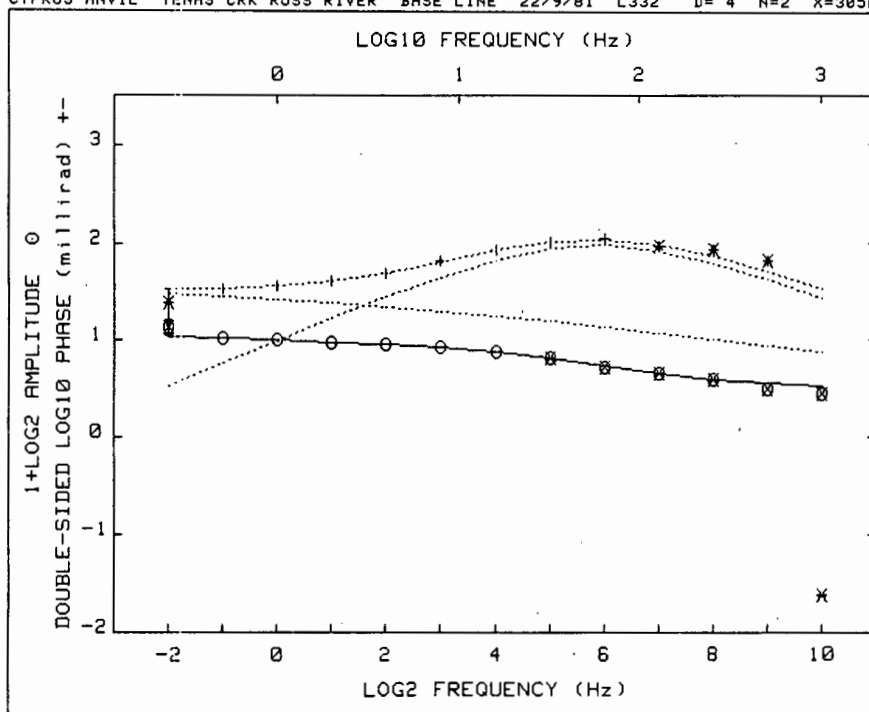
Correlation Matrix

1.000							
.998	1.000						
.998	.994	1.000					
-.830	-.861	-.802	1.000				
.754	.730	.769	-.480	1.000			
-.880	-.855	-.900	.502	-.738	1.000		

Apparent Resistivity Measured at 1 Hz is 71.01

Apparent Resistivity Calculated from Inductive Coupling is 89.73

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-4	1.1360	1.0497	7.6	.1	0	78.0	31.5	59.6	.4	0
-3	1.0929	1.0353	5.3	.0	0	72.4	31.6	56.3	.4	0
-2	1.0974	1.0214	6.9	5.2	0	24.7	32.1	-29.9	39.7	0
-1	1.0170	1.0078	.9	.1	1	34.4	33.4	2.8	.8	1
0	1.0000	.9941	.6	.0	1	36.2	36.4	-.6	.6	1
1	.9855	.9794	.6	.0	1	40.6	42.0	-3.5	.7	1
2	.9691	.9625	.7	.1	1	49.5	51.4	-3.8	.8	1
3	.9494	.9408	.9	.2	1	64.7	65.3	-.9	2.3	1
4	.9152	.9115	.4	.2	1	84.2	82.9	1.6	1.1	1
5	.8746	.8723	.3	.1	1	100.9	99.7	1.1	2.6	1
6	.8215	.8261	-.6	.2	1	108.3	108.0	.3	1.0	1
7	.7834	.7811	.3	.2	1	98.4	102.1	-13.0	1.2	1
8	.7509	.7453	.7	.1	1	83.9	84.9	-1.2	1.3	1
9	.7085	.7208	-1.7	.1	1	65.4	64.3	1.7	.9	1
10	.6823	.7051	-3.3	.1	1	-41.5	46.0	210.8	0.0	0



CRL: Number of dispersions= 2
C1=.25 fixed

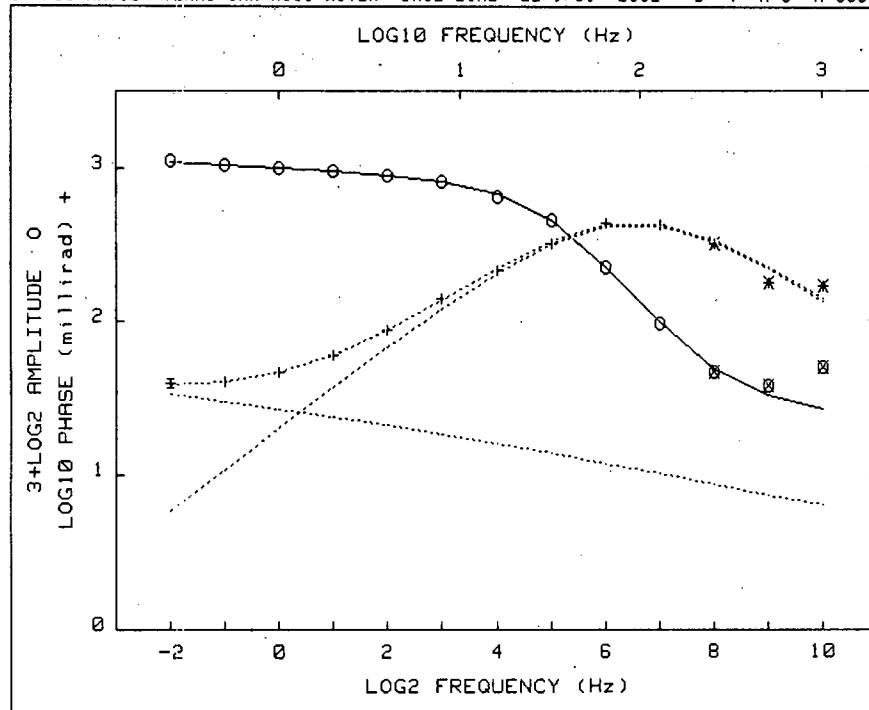
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.18833	1.250	.200	3.5E+00	.500	6.8E-03	.836
1	1.E-02	.00608	1.184	.221	3.4E+00	.251	3.5E-03	.682
2	1.E-03	.00137	1.236	.290	3.5E+00	.173	3.0E-03	.779
3	1.E-04	.00003	1.235	.267	4.6E+00	.170	3.4E-03	.797
4	1.E-04	.00002	1.245	.271	6.0E+00	.170	3.3E-03	.794
5	1.E-04	.00002	1.254	.274	7.6E+00	.171	3.3E-03	.790
6	1.E-04	.00002	1.262	.277	9.3E+00	.171	3.3E-03	.787
7	1.E-04	.00002	1.270	.280	1.1E+01	.172	3.3E-03	.784
8	1.E-04	.00002	1.277	.283	1.3E+01	.172	3.3E-03	.782
9	1.E-04	.00002	1.284	.286	1.6E+01	.172	3.3E-03	.780

Pct Std Deviations 6.6 12.4 533.2 3.6 5.1 4.2

Correlation Matrix	1.000						
	.997	1.000					
	.998	.991	1.000				
	.390	.327	.433	1.000			
	-.459	-.417	-.484	-.898	1.000		
	-.865	-.828	-.887	-.784	.772	1.000	

Apparent Resistivity Measured at 1 Hz is 71.01
Apparent Resistivity Calculated from Inductive Coupling is 138.4

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6823	.7232	-6.0	.1	0	-41.5	34.6	183.4	.0	0
9	.7085	.7341	-3.6	.1	0	65.4	50.9	22.2	.9	0
8	.7509	.7528	-.3	.1	0	83.9	72.5	13.6	1.3	0
7	.7834	.7838	-.0	.2	0	90.4	95.0	-5.1	1.2	0
6	.8215	.8284	-.8	.2	0	108.3	107.7	.5	1.0	1
5	.8746	.8780	-.4	.1	0	100.9	102.1	-1.2	2.6	1
4	.9152	.9195	-.5	.2	1	84.2	83.7	.6	1.1	1
3	.9494	.9487	.1	.2	1	64.7	64.2	.7	2.3	1
2	.9691	.9692	-.0	.1	1	49.5	49.8	-.6	.8	1
1	.9855	.9852	.0	.0	1	40.6	41.0	-.9	.7	1
0	1.0000	.9995	.1	.0	1	36.2	36.3	-.2	.6	1
-1	1.0170	1.0135	.3	.1	1	34.4	34.2	.6	.8	1
-2	1.0974	1.0279	6.3	5.2	0	24.7	33.6	-35.9	39.7	0



CRL: Number of dispersions= 2
 C1=.25 fixed

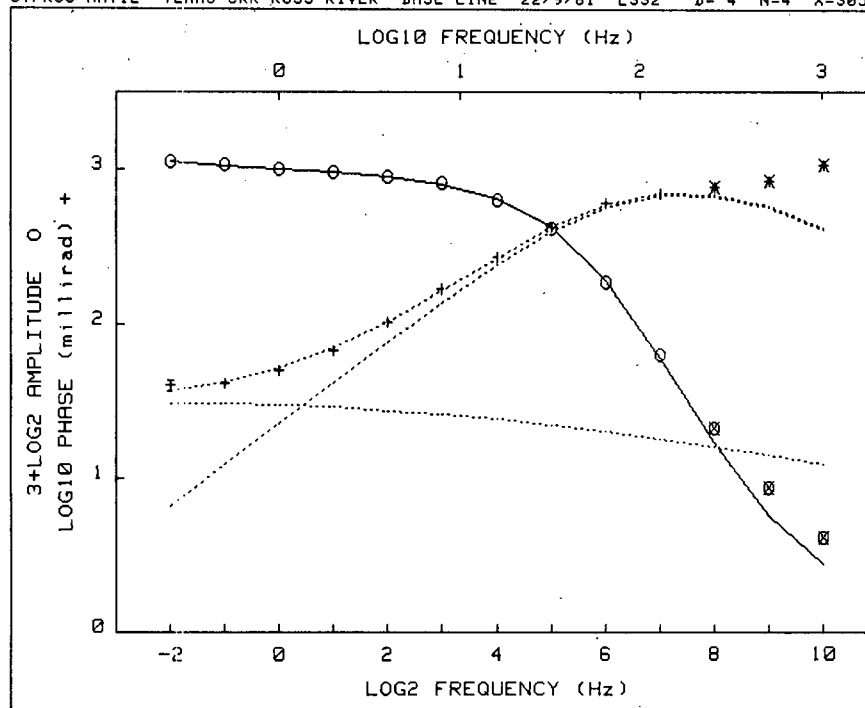
Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.01089	1.280	.286	1.6E+01	.399	3.3E-03	.780
1	1.E-02	.00028	1.320	.324	1.6E+01	.445	3.2E-03	.925
2	1.E-03	.00007	1.314	.311	1.7E+01	.457	3.3E-03	.890
3	1.E-04	.00007	1.351	.324	3.5E+01	.449	3.3E-03	.885
4	1.E-04	.00006	1.386	.339	6.0E+01	.440	3.3E-03	.883
5	1.E-04	.00006	1.417	.351	9.0E+01	.433	3.3E-03	.881
6	1.E-04	.00006	1.443	.362	1.3E+02	.426	3.3E-03	.880
7	1.E-04	.00006	1.467	.371	1.6E+02	.420	3.3E-03	.879
8	1.E-04	.00005	1.488	.379	2.0E+02	.415	3.3E-03	.878
9	1.E-04	.00005	1.506	.386	2.5E+02	.410	3.3E-03	.877

Pct Std Deviations 13.4 20.8 624.6 11.6 1.6 1.2

Correlation Matrix								
	1.000							
		1.000						
		.999	.998	1.000				
		-.995	-.996	-.991	1.000			
		.024	.025	.013	-.097	1.000		
		-.742	-.731	-.762	.682	.366	1.000	

Apparent Resistivity Measured at 1 Hz is 195.6
 Apparent Resistivity Calculated from Inductive Coupling is 168.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.4048	.3354	17.2	.0	0	169.5	139.5	17.7	.1	0
9	.3740	.3565	4.7	.1	0	177.1	224.5	-26.8	.2	0
8	.3981	.4031	-1.2	.3	0	315.0	333.5	-5.9	.3	0
7	.4944	.4961	-.3	.4	1	418.7	420.4	-.4	.8	1
6	.6378	.6385	-.1	.6	1	426.0	419.0	1.7	.5	1
5	.7850	.7843	.1	.2	1	319.2	329.6	-3.2	1.7	1
4	.8760	.8833	-.8	.5	1	214.5	220.3	-2.7	.7	1
3	.9373	.9359	.1	.3	1	139.6	138.1	1.1	2.1	1
2	.9654	.9640	.1	.1	1	88.2	88.0	.2	.5	1
1	.9838	.9822	.2	.1	1	60.3	60.6	-.5	.7	1
0	1.0000	.9971	.3	.0	1	46.3	46.8	-1.1	.4	1
-1	1.0150	1.0116	.3	.2	1	40.3	40.8	-1.3	1.0	1
-2	1.0306	1.0267	.4	.1	1	39.6	39.1	1.4	6.6	1



CRL: Number of dispersions= 2
T1=1 C1=.25 fixed

Iter	Lambda	Rchsqr	R0	M1	M2	T2	C2
0	1.E-02	.02417	1.480	.372	.558	2.9E-03	.900
1	1.E-02	.00115	1.193	.275	.656	2.9E-03	.867
2	1.E-03	.00024	1.200	.266	.644	2.9E-03	.874
3	1.E-04	.00024	1.201	.266	.643	2.9E-03	.875

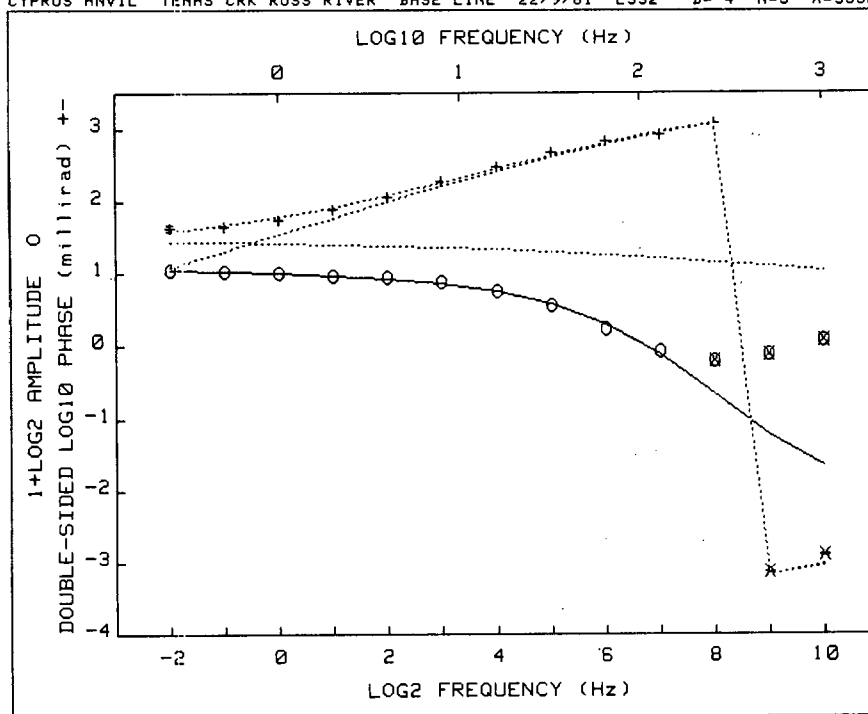
Pct Std Deviations .7 3.7 2.8 3.1 1.5

Correlation Matrix

1.000				
.025	1.000			
-.627	-.727	1.000		
.288	.158	-.706	1.000	
.515	.701	-.787	.497	1.000

Apparent Resistivity Measured at 1 Hz is 529.5
Apparent Resistivity Calculated from Inductive Coupling is 196.6

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.1917	.1693	11.7	.1	0	1050.4	412.1	60.8	.0	0
9	.2401	.2115	11.9	.3	0	819.6	562.6	31.4	.1	0
8	.3124	.2932	6.2	.7	0	746.6	675.1	9.6	.1	0
7	.4358	.4298	1.4	.8	1	692.0	685.7	.9	.5	1
6	.6000	.6077	-1.3	.7	1	597.4	580.0	2.9	.4	1
5	.7645	.7696	-.7	.2	1	415.3	414.4	.2	1.5	1
4	.8658	.8735	-.9	.6	1	267.9	265.3	1.0	.4	1
3	.9344	.9294	.5	.4	1	169.9	164.1	3.4	2.0	1
2	.9656	.9609	.5	.1	1	103.0	104.1	-1.1	.5	1
1	.9839	.9823	.2	.1	1	67.9	70.7	-4.2	.7	1
0	1.0000	.9997	.0	.1	1	49.9	52.6	-5.5	.6	1
-1	1.0170	1.0156	.1	.1	1	41.5	42.8	-3.1	1.0	1
-2	1.0316	1.0309	.1	.1	1	40.1	37.3	7.0	7.2	1



CRL: Number of dispersions= 2
 T1=1 C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	M2	T2	C2
0	1.E-02	.00109	1.193	.242	.904	1.9E-03	.753
1	1.E-02	.00109	1.193	.242	.904	1.9E-03	.753

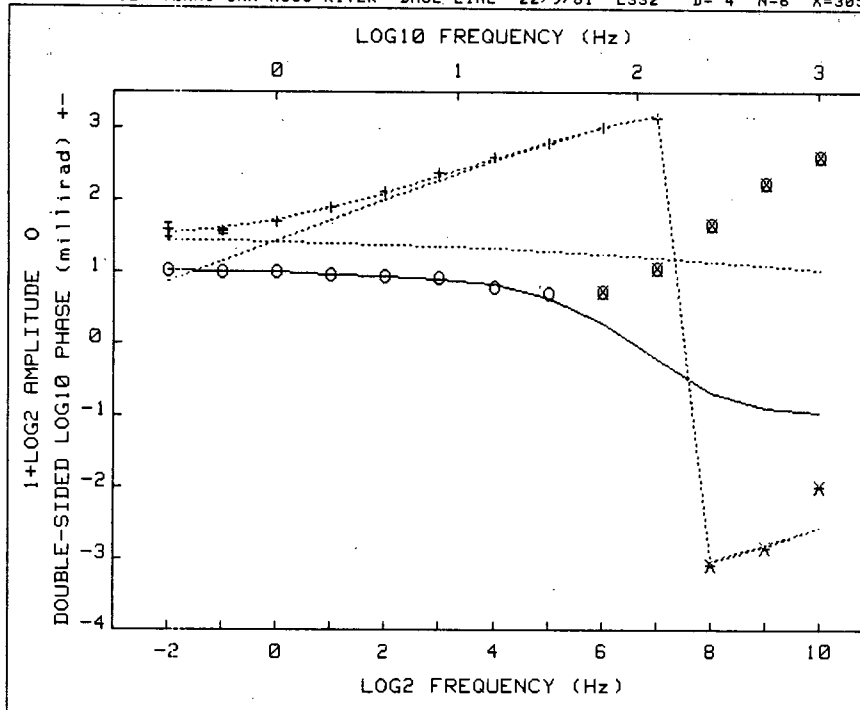
Pct Std Deviations 1.8 12.8 6.6 8.2 4.0

Correlation Matrix

1.000				
.864	1.000			
-.735	-.836	1.000		
.396	.379	-.749	1.000	
.588	.788	-.844	.690	1.000

Apparent Resistivity Measured at 1 Hz is 195.4
 Apparent Resistivity Calculated from Inductive Coupling is 170.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5261	.1589	69.8	.0	0	-779.4	-1103.3	-41.6	.0	0
9	.4575	.2126	53.5	.1	0	-1386.9	-1546.7	-11.5	.0	0
8	.4348	.3152	27.5	.6	0	1207.8	1218.4	-.9	.1	1
7	.4760	.4591	3.5	1.4	1	854.7	911.4	-6.6	.4	1
6	.5888	.6158	-4.6	1.1	1	685.6	653.2	4.7	.7	1
5	.7372	.7501	-1.7	.4	1	474.1	444.9	6.2	2.1	1
4	.8429	.8460	-.4	.9	1	311.1	292.2	6.1	.4	1
3	.9267	.9089	1.9	.5	1	197.6	189.8	3.9	2.5	1
2	.9612	.9502	1.1	.1	1	119.6	125.2	-4.7	.7	1
1	.9814	.9792	.2	.1	1	78.1	85.8	-9.9	.9	1
0	1.0000	1.0013	-.1	.1	1	57.1	62.3	-9.1	1.3	1
-1	1.0182	1.0197	-.1	.2	1	46.8	48.3	-3.1	1.1	1
-2	1.0354	1.0360	-.1	.2	1	44.3	39.8	10.2	8.6	1



CRL: Number of dispersions= 2

T1=1 C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T2	C2
0	1.E-02	.00113	1.178	.241	2.7E-03	.914
1	1.E-02	.00113	1.178	.241	2.7E-03	.915

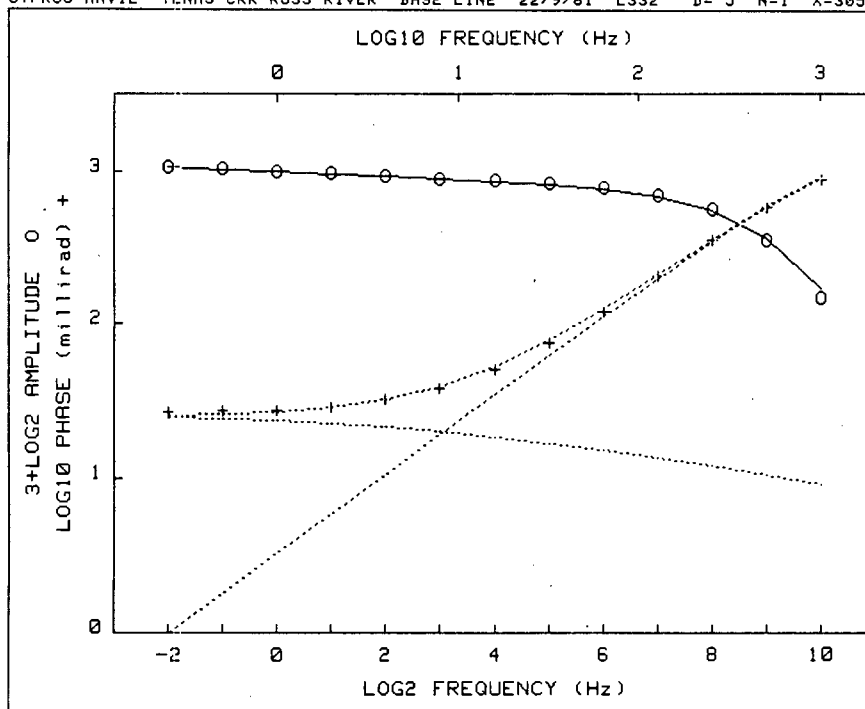
Pct Std Deviations 1.3 7.4 5.9 2.2

Correlation Matrix			
1.000			
.711	1.000		
-.448	-.532	1.000	
-.017	.375	.298	1.000

Apparent Resistivity Measured at 1 Hz is 144.1

Apparent Resistivity Calculated from Inductive Coupling is 306.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	3.0268	.2569	91.5	.0	0	-102.9	-370.6	-260.1	.2	0
9	2.3469	.2666	88.6	.0	0	-708.6	-660.1	6.8	.0	0
8	1.5761	.3130	80.1	.1	0	-1234.1	-1102.3	10.7	.1	0
7	1.0325	.4318	58.2	.6	0	1414.5	1522.8	-7.7	.2	1
6	.8273	.6151	25.6	.8	0	1010.9	1038.2	-2.7	.8	1
5	.8142	.7847	3.6	1.0	1	635.9	643.8	-1.2	2.0	1
4	.8640	.8070	-2.7	1.3	1	397.0	373.8	5.8	.5	1
3	.9427	.9303	.5	.9	1	234.6	213.8	8.8	2.8	1
2	.9702	.9662	.4	.2	1	134.3	126.0	6.2	1.6	1
1	.9018	.9848	-.3	.2	1	80.7	79.3	1.8	2.4	1
0	1.0000	1.0000	.0	.3	1	50.9	54.8	-7.7	2.0	1
-1	1.0063	1.0139	-.8	.7	1	37.1	42.0	-13.2	8.9	1
-2	1.0185	1.0274	-.9	.5	1	39.8	35.1	11.8	22.9	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.03099	1.247	.322	9.9E-01	5.5E-05	.868
1	1.E-02	.00755	1.143	.227	1.1E+00	1.0E-04	.684
2	1.E-03	.00050	1.163	.232	1.2E+00	1.5E-04	.864
3	1.E-04	.00029	1.165	.221	1.7E+00	1.5E-04	.835
4	1.E-05	.00029	1.158	.220	1.3E+00	1.5E-04	.841

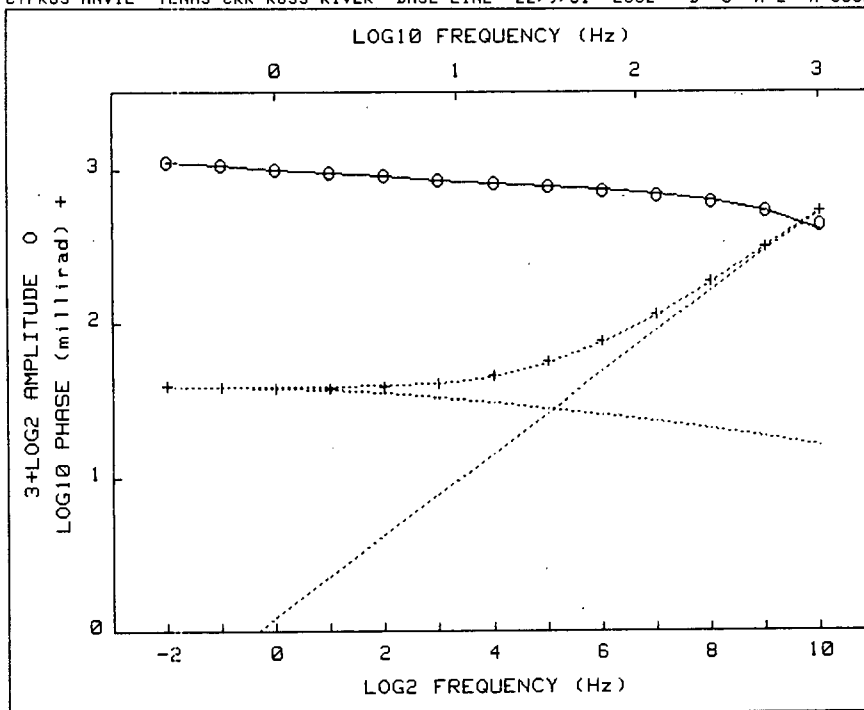
Pct Std Deviations 2.0 3.7 150.0 3.5 1.8

Correlation Matrix

1.000					
.900	1.000				
.973	.853	1.000			
-.624	-.553	-.627	1.000		
-.740	-.509	-.760	.826	1.000	

Apparent Resistivity Measured at 1 Hz is 1226
Apparent Resistivity Calculated from Inductive Coupling is 264.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5622	.5831	-3.7	.1	1	869.0	903.8	-4.0	.1	1
9	.7251	.7313	-.9	.0	1	571.7	577.5	-1.0	.0	1
8	.8358	.8298	.7	.0	1	346.1	350.5	-1.3	.0	1
7	.8929	.8858	.8	.0	1	201.6	208.4	-3.4	.1	1
6	.9227	.9177	.5	.0	1	120.1	125.3	-4.3	.1	1
5	.9412	.9376	.4	.0	1	74.6	78.4	-5.2	.0	1
4	.9553	.9520	.3	.0	1	49.9	52.8	-5.8	.0	1
3	.9657	.9640	.2	.0	1	37.9	39.1	-3.1	.0	1
2	.9766	.9750	.2	.0	1	32.1	32.0	.2	.3	1
1	.9880	.9858	.2	.0	1	28.9	28.6	1.2	.3	1
0	1.0000	.9968	.3	.0	1	27.4	26.9	1.8	.0	1
-1	1.0127	1.0080	.5	.0	1	27.1	26.1	3.6	.0	1
-2	1.0231	1.0195	.4	.0	1	26.5	25.6	3.3	.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsqr	R0	M1	T1	T2	C2
0	1.E-02	.00337	1.250	.297	1.0E+00	8.2E-05	.937
1	1.E-02	.00016	1.246	.322	1.0E+00	5.7E-05	.874
2	1.E-03	.00013	1.247	.322	9.9E-01	5.5E-05	.868
3	1.E-04	.00013	1.247	.322	9.9E-01	5.5E-05	.868

Pct Std Deviations 1.2 1.4 43.1 3.3 1.4

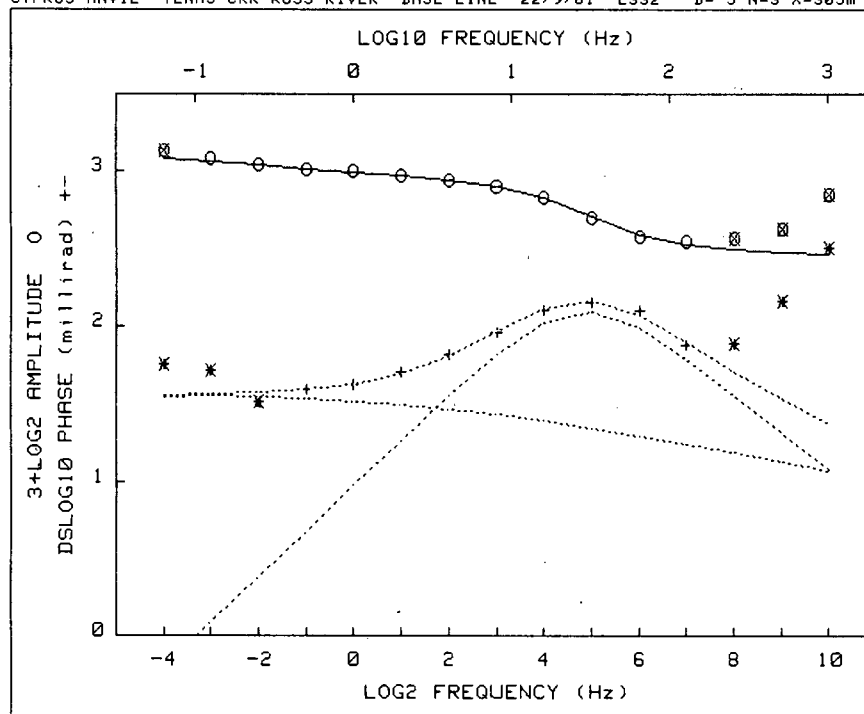
Correlation Matrix

1.000					
.826	1.000				
.956	.713	1.000			
-.566	-.391	-.547	1.000		
-.633	-.264	-.669	.836	1.000	

Apparent Resistivity Measured at 1 Hz is 314.1
Apparent Resistivity Calculated from Inductive Coupling is 2119

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7768	.7580	2.4	.0	1	526.2	532.2	-1.1	.0	1
9	.8232	.8268	-.4	.0	1	308.9	310.9	-.6	.0	1
8	.8604	.8660	-.7	.0	1	183.3	182.8	.3	.2	1
7	.8861	.8904	-.5	.0	1	113.6	112.0	1.4	.0	1
6	.9040	.9080	-.4	.0	1	76.8	74.1	3.5	.1	1
5	.9211	.9231	-.2	.0	1	56.7	54.5	3.8	.5	1
4	.9370	.9375	-.1	.0	1	45.5	45.0	1.2	.4	1
3	.9521	.9521	.0	.0	1	40.9	40.7	.4	.5	1
2	.9682	.9674	.1	.0	1	38.3	39.2	-2.3	.3	1
1	.9832	.9835	-.0	.0	1	37.9	38.9	-2.7	.0	1
0	1.0000	1.0003	-.0	.0	1	37.8	39.0	-3.2	.3	1
-1	1.0171	1.0179	-.1	.0	1	38.8	39.1	-.6	.0	1
-2	1.0343	1.0358	-.1	.0	1	40.0	38.8	3.1	.7	1

CYPRUS ANVIL TENAS CRK ROSS RIVER BASE LINE 22/9/81 L332 D= 5 N=3 X=305m



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.00023	1.251	.297	3.0E+00	.174	6.2E-03	.937
1	1.E-02	.00020	1.255	.303	3.0E+00	.169	6.3E-03	.963
2	1.E-03	.00020	1.256	.303	3.0E+00	.169	6.3E-03	.963

Pct Std Deviations 11.6 13.2 3758.0 5.1 2.9 5.7

Correlation Matrix

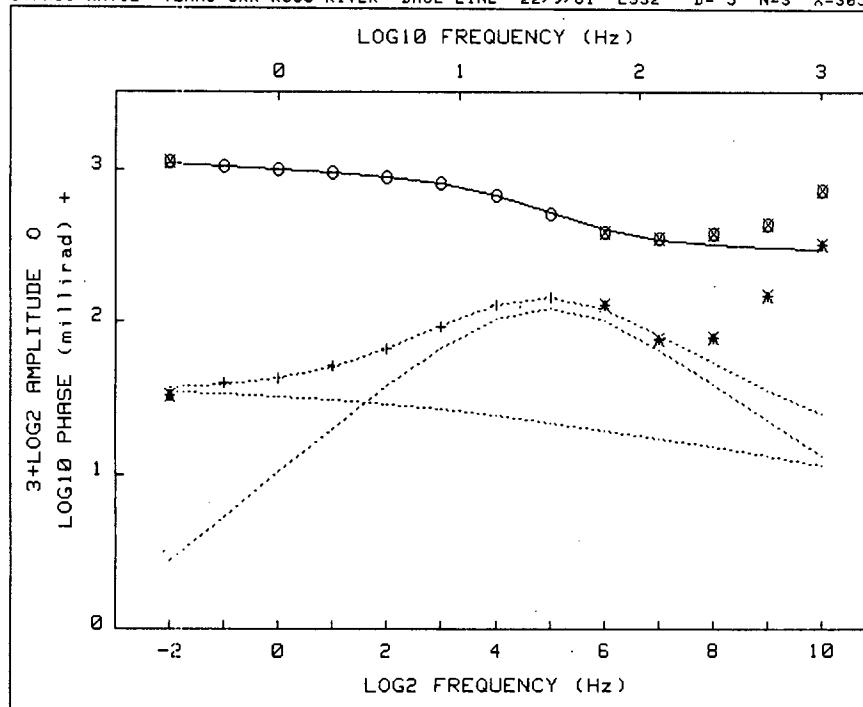
1.000							
.981	1.000						
.997	.966	1.000					
.688	.546	.730	1.000				
.032	-.042	.049	.203	1.000			
-.898	-.817	-.919	-.872	-.082	1.000		

Apparent Resistivity Measured at 1 Hz is 105.1

Apparent Resistivity Calculated from Inductive Coupling is 286.6

CYPRUS ANVIL TENAS CRK ROSS RIVER BASE LINE 22/9/81 L332 D= 5 N=3 X=305m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
-4	1.0980	1.0625	3.2	.2	0	57.3	36.3	36.7	3.0	0
-3	1.0643	1.0454	1.8	.1	1	52.9	37.0	30.0	2.1	0
-2	1.0306	1.0286	.2	.1	1	32.7	37.9	-15.8	6.8	0
-1	1.0129	1.0123	.1	.1	1	39.3	39.3	-.1	1.0	1
0	1.0000	.9966	.3	.1	1	42.1	42.6	-1.3	1.7	1
1	.9813	.9809	.0	.1	1	50.8	50.0	1.6	1.0	1
2	.9636	.9633	.0	.1	1	66.6	65.2	2.0	.8	1
3	.9350	.9373	-.2	.2	1	91.8	93.1	-1.4	1.6	1
4	.8887	.8889	-.0	.2	1	128.1	129.9	-1.4	1.0	1
5	.8156	.8162	-.1	.5	1	143.3	145.6	-1.6	1.5	1
6	.7496	.7542	-.6	.3	1	125.9	118.9	5.6	.6	1
7	.7293	.7217	1.0	.2	1	77.0	79.8	-3.7	3.6	1
8	.7428	.7064	4.9	.1	0	78.1	51.4	34.2	.5	0
9	.7760	.6978	10.1	.0	0	145.2	34.1	76.5	.1	0
10	.9030	.6919	23.4	.1	0	319.3	23.9	92.5	.1	0



CRL: Number of dispersions= 2
C1=.25 fixed

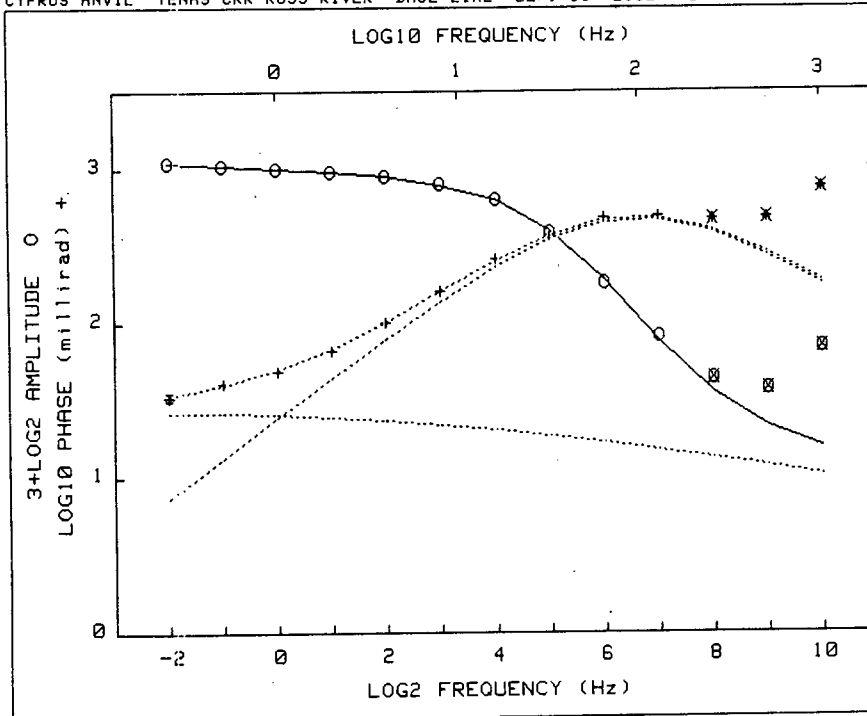
Iter	Lambda	Rchs	R0	M1	T1	M2	T2	C2
0	1.E-02	.01180	1.130	.143	1.6E+00	.500	3.0E-03	.731
1	1.E-02	.00106	1.157	.205	1.6E+00	.354	2.8E-03	.665
2	1.E-02	.00051	1.184	.237	1.6E+00	.308	2.9E-03	.711
3	1.E-02	.00038	1.194	.248	1.6E+00	.280	3.2E-03	.747
4	1.E-02	.00030	1.200	.256	1.7E+00	.257	3.7E-03	.776
5	1.E-02	.00022	1.206	.264	1.7E+00	.235	4.2E-03	.809
6	1.E-03	.00015	1.231	.295	1.7E+00	.172	6.6E-03	.936
7	1.E-04	.00002	1.234	.294	1.8E+00	.172	6.3E-03	.946
8	1.E-05	.00002	1.242	.295	2.3E+00	.173	6.3E-03	.942
9	1.E-06	.00002	1.251	.297	3.0E+00	.174	6.2E-03	.937

Pct Std Deviations 3.9 3.5 313.3 4.6 3.5 3.2

Correlation Matrix	1.000						
	.949	1.000					
	.997	.923	1.000				
	.738	.521	.780	1.000			
	-.437	-.275	-.473	-.836	1.000		
	-.844	-.658	-.876	-.967	.756	1.000	

Apparent Resistivity Measured at 1 Hz is 105.1
Apparent Resistivity Calculated from Inductive Coupling is 259.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9030	.6904	23.5	.1	0	319.3	24.8	92.2	.1	0
9	.7760	.6966	10.2	.0	0	145.2	35.6	75.5	.1	0
8	.7420	.7059	5.0	.1	0	78.1	53.7	31.3	.5	0
7	.7293	.7225	.9	.2	0	77.0	82.4	-7.0	3.6	0
6	.7496	.7567	-.9	.3	0	125.9	119.7	4.9	.6	0
5	.8156	.8180	-.3	.5	1	143.3	143.2	.0	1.5	1
4	.8887	.8881	.1	.2	1	128.1	127.9	.2	1.0	1
3	.9350	.9361	-.1	.2	1	91.8	93.2	-1.5	1.6	1
2	.9636	.9631	.0	.1	1	66.6	66.0	.9	.8	1
1	.9813	.9813	.0	.1	1	50.8	50.5	.7	1.0	1
0	1.0000	.9972	.3	.1	1	42.1	42.7	-1.4	1.7	1
-1	1.0129	1.0120	.0	.1	1	39.3	39.0	.7	1.0	1
-2	1.0306	1.0288	.2	.1	0	32.7	37.3	-14.2	6.8	0



CRL: Number of dispersions= 2
T1=1 C1=.25 fixed

Iter	Lambda	Rchs	R0	M1	M2	T2	C2
0	1.E-02	.01849	1.150	.210	.700	3.3E-03	.990
1	1.E-02	.00041	1.173	.234	.575	3.2E-03	.862
2	1.E-03	.00013	1.171	.229	.565	3.5E-03	.851
3	1.E-04	.00013	1.171	.230	.563	3.5E-03	.854
4	1.E-05	.00013	1.171	.230	.563	3.5E-03	.854

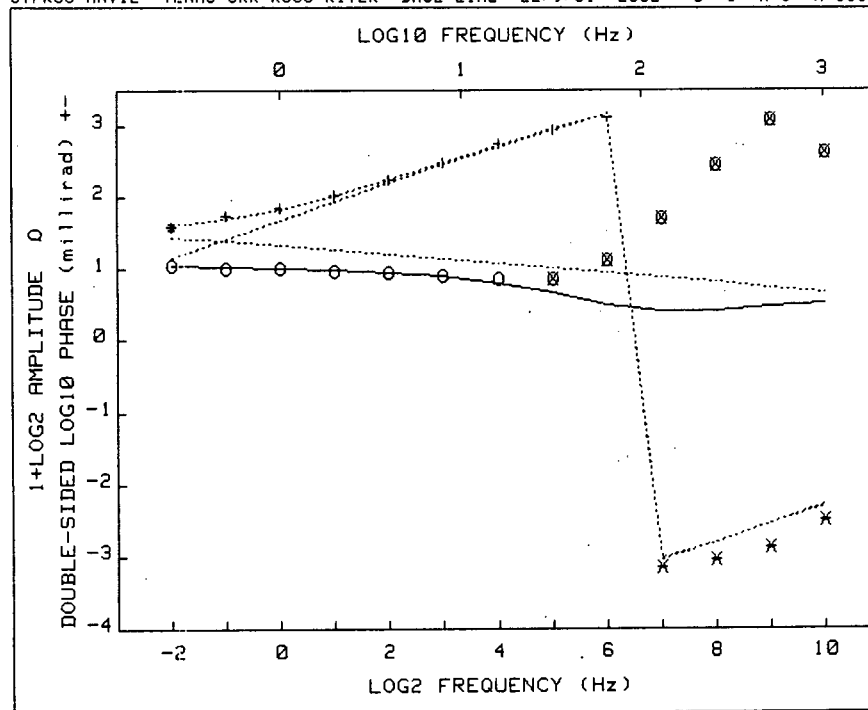
Pct Std Deviations .5 3.3 2.1 2.6 1.3

Correlation Matrix

1.000				
.830	1.000			
-.652	-.792	1.000		
.281	.178	-.655	1.000	
.568	.732	-.859	.545	1.000

Apparent Resistivity Measured at 1 Hz is 357.0
Apparent Resistivity Calculated from Inductive Coupling is 172.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.4477	.2859	36.1	.0	0	733.7	186.0	74.6	.0	0
9	.3695	.3119	15.6	.1	0	466.3	281.6	39.6	.0	0
8	.3884	.3645	6.2	.2	0	455.3	393.1	13.7	.3	0
7	.4695	.4620	1.6	.5	1	481.2	471.2	2.1	.7	1
6	.5995	.6059	-1.1	.6	1	469.9	459.8	2.1	.2	1
5	.7473	.7568	-1.2	.7	1	367.7	365.0	.7	.8	1
4	.8648	.8646	.0	.2	1	256.2	249.4	2.6	.7	1
3	.9294	.9266	.3	.2	1	159.1	159.2	-.1	1.1	1
2	.9640	.9611	.3	.1	1	100.1	101.7	-1.6	.5	1
1	.9830	.9830	.0	.1	1	66.3	68.3	-3.0	.8	1
0	1.0000	.9996	.0	.1	1	48.5	49.6	-2.2	.4	1
-1	1.0128	1.0140	-.1	.1	1	40.6	39.2	3.5	1.2	1
-2	1.0280	1.0274	.1	.1	1	33.2	33.3	-.3	6.4	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00590	1.269	.214	4.0E+02	4.0E-03	.782
1	1.E-01	.00234	1.343	.267	3.9E+02	3.8E-03	.838
2	1.E-01	.00136	1.407	.312	3.8E+02	3.6E-03	.861
3	1.E-02	.00098	1.494	.370	3.8E+02	3.2E-03	.879
4	1.E-03	.00083	1.531	.380	4.9E+02	3.1E-03	.883
5	1.E-03	.00081	1.558	.390	6.5E+02	3.0E-03	.880
6	1.E-03	.00079	1.588	.400	8.7E+02	3.0E-03	.876
7	1.E-03	.00077	1.622	.412	1.2E+03	2.9E-03	.873
8	1.E-03	.00075	1.660	.424	1.6E+03	2.8E-03	.869
9	1.E-03	.00073	1.702	.438	2.3E+03	2.7E-03	.864

Pct Std Deviations 33.6 44.2 999.9 54.3 6.8

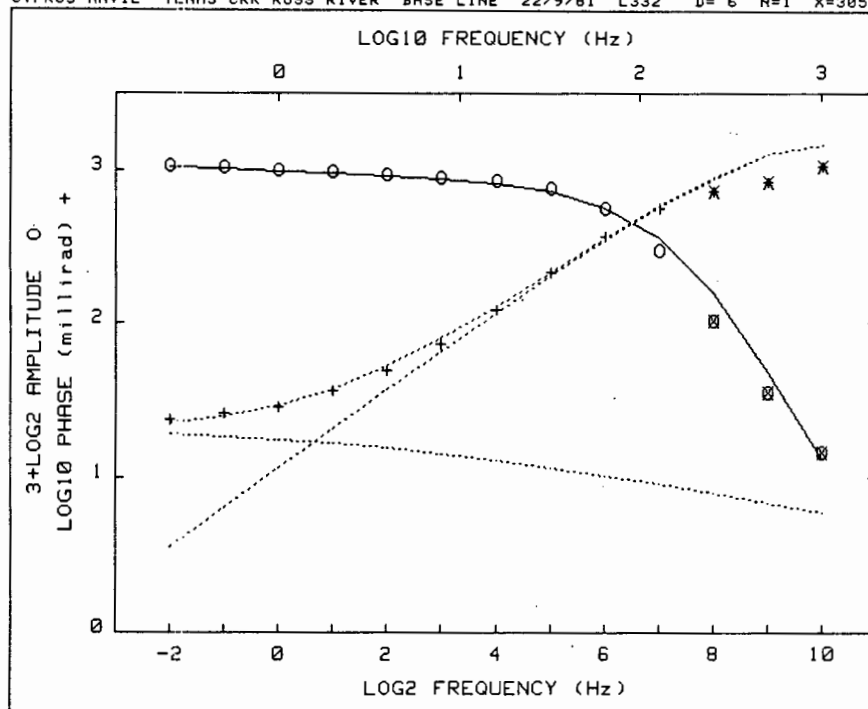
Correlation Matrix

1.000					
.999	1.000				
.993	.988	1.000			
-.995	-.993	-.987	1.000		
-.933	-.918	-.950	.945	1.000	

CYPRUS ANVIL TENAS CRK ROSS RIVER BASE LINE 22/9/81 L332 D= 5 N=6 X=305m

Apparent Resistivity Measured at 1 Hz is 308.7
Apparent Resistivity Calculated from Inductive Coupling is 258.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	3.0658	.7873	76.9	.0	0	-329.1	-280.5	39.1	.4	0
9	4.2270	.6876	83.7	.0	0	-772.5	-361.2	53.2	.0	0
8	2.7326	.6644	75.7	.0	0	-1152.6	-644.7	44.1	.0	0
7	1.6238	.6566	59.6	.1	0	-1489.6	-1102.1	26.0	.1	0
6	1.0817	.6993	35.4	.2	0	1305.3	1450.8	-11.1	.2	1
5	.8998	.7883	12.4	.9	0	896.0	909.8	-1.5	.2	1
4	.9026	.8730	3.3	.3	1	550.4	532.4	3.3	.5	1
3	.9340	.9302	.4	.4	1	313.2	305.0	2.6	.8	1
2	.9606	.9656	-.5	.1	1	181.4	176.7	2.6	.6	1
1	.9807	.9888	-.8	.2	1	109.5	106.8	2.5	.9	1
0	1.0000	1.0059	-.6	.2	1	70.8	69.7	1.5	1.2	1
-1	1.0096	1.0207	-1.1	.3	1	55.1	51.0	7.5	4.0	1
-2	1.0330	1.0349	-.2	.2	1	39.2	42.4	-8.2	9.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00134	1.108	.156	1.6E+00	7.1E-04	.813
1	1.E-02	.00081	1.124	.177	1.6E+00	6.7E-04	.838
2	1.E-03	.00079	1.129	.176	2.2E+00	6.6E-04	.833
3	1.E-03	.00079	1.134	.178	2.8E+00	6.6E-04	.832

Pct Std Deviations 6.1 12.2 999.9 8.9 4.8

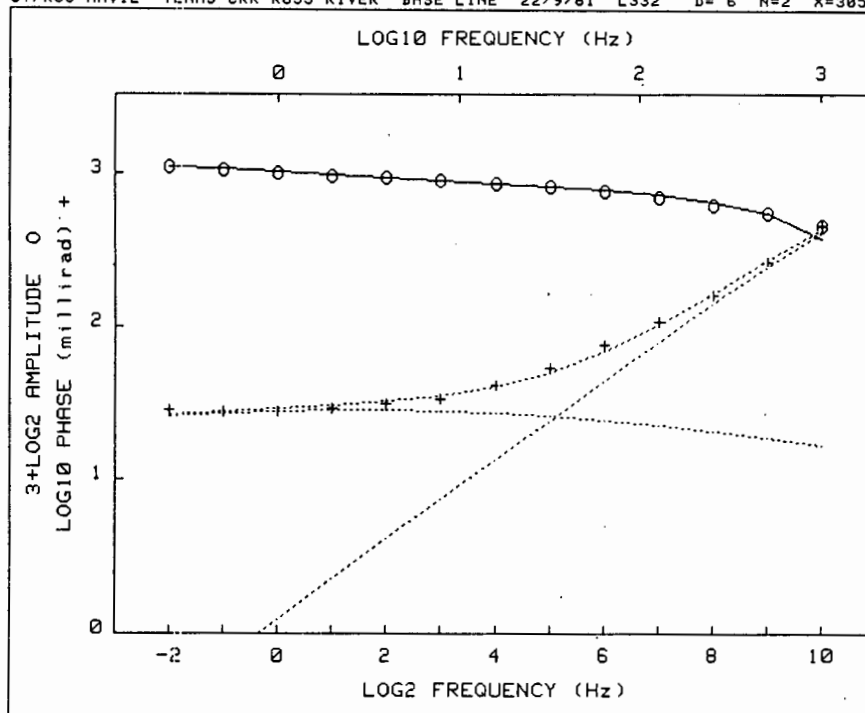
Correlation Matrix

1.000				
.907	1.000			
.989	.873	1.000		
-.764	-.665	-.762	1.000	
-.821	-.588	-.839	.871	1.000

Apparent Resistivity Measured at 1 Hz is 2158

Apparent Resistivity Calculated from Inductive Coupling is 57.96

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.2791	.2716	2.7	.4	0	1835.3	1458.6	-48.1	.1	0
9	.3647	.4088	-9.9	.1	0	832.4	1253.1	-58.5	.0	0
8	.5038	.5724	-13.6	.1	0	725.3	879.7	-21.3	.0	0
7	.6907	.7313	-5.9	.0	1	568.8	576.0	-2.7	.0	1
6	.8388	.8398	-.2	.0	1	362.4	355.5	1.9	.2	1
5	.9145	.9023	1.3	.0	1	210.6	213.3	-1.3	.2	1
4	.9474	.9374	1.1	.0	1	128.9	128.1	-6.0	.2	1
3	.9661	.9585	.8	.0	1	73.0	79.3	-8.6	.1	1
2	.9785	.9731	.6	.0	1	49.2	52.0	-5.7	.2	1
1	.9892	.9844	.5	.0	1	35.7	37.1	-3.9	.0	1
0	1.0000	.9944	.6	.0	1	28.5	29.1	-2.0	.4	1
-1	1.0092	1.0039	.5	.0	1	26.0	24.9	4.4	.4	1
-2	1.0193	1.0132	.6	.1	1	23.8	22.6	4.9	1.3	1



CRL: Number of dispersions= 2
C1=.25 M2=.8 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.04995	1.430	.278	2.8E+00	1.6E-04	.732
1	1.E-02	.00221	1.189	.244	2.7E+00	6.1E-05	.708
2	1.E-03	.00089	1.195	.249	1.5E+00	6.1E-05	.771
3	1.E-04	.00080	1.152	.236	3.2E-01	6.7E-05	.812
4	1.E-05	.00072	1.144	.245	1.6E-01	6.7E-05	.833
5	1.E-06	.00071	1.140	.248	1.2E-01	6.7E-05	.844
6	1.E-07	.00071	1.138	.249	1.1E-01	6.8E-05	.848

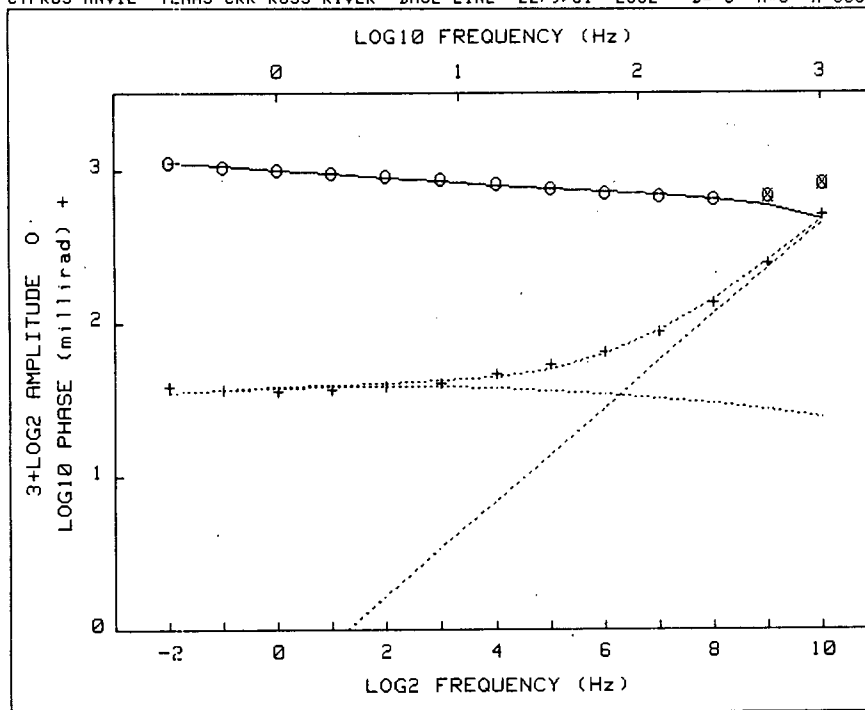
Pct Std Deviations 1.4 3.5 127.4 6.2 3.7

Correlation Matrix

1.000				
-.376	1.000			
.879	-.646	1.000		
-.184	.115	-.152	1.000	
-.579	.700	-.663	.625	1.000

Apparent Resistivity Measured at 1 Hz is 928.6
Apparent Resistivity Calculated from Inductive Coupling is 1975

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7881	.7444	5.5	.1	1	446.1	430.7	3.5	.0	1
9	.8308	.8290	.2	.0	1	260.4	266.5	-2.4	.0	1
8	.8624	.8759	-1.6	.0	1	161.0	162.8	-1.1	.0	1
7	.8909	.9034	-1.4	.1	1	108.3	102.4	5.5	.0	1
6	.9146	.9223	-.8	.0	1	76.7	68.6	10.5	.8	1
5	.9355	.9375	-.2	.0	1	54.1	50.3	7.0	1.5	1
4	.9502	.9513	-.1	.0	1	41.7	40.5	2.8	.7	1
3	.9632	.9645	-.1	.0	1	34.0	35.4	-4.0	.3	1
2	.9758	.9776	-.2	.0	1	31.0	32.5	-4.8	.3	1
1	.9878	.9907	-.3	.0	1	29.2	30.7	-5.1	.7	1
0	1.0000	1.0037	-.4	0.0	1	28.1	29.3	-4.2	.0	1
-1	1.0117	1.0164	-.5	.0	1	27.8	27.9	-.5	.0	1
-2	1.0251	1.0288	-.4	.0	1	28.4	26.5	6.9	.4	1



CRL: Number of dispersions= 2
 C1=.25 M2=.8 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00487	1.138	.249	1.1E-01	6.8E-05	.848
1	1.E-02	.00073	1.175	.331	1.1E-01	6.1E-05	.945
2	1.E-03	.00039	1.180	.326	1.0E-01	6.6E-05	.992
3	1.E-04	.00039	1.179	.326	9.5E-02	6.6E-05	.997

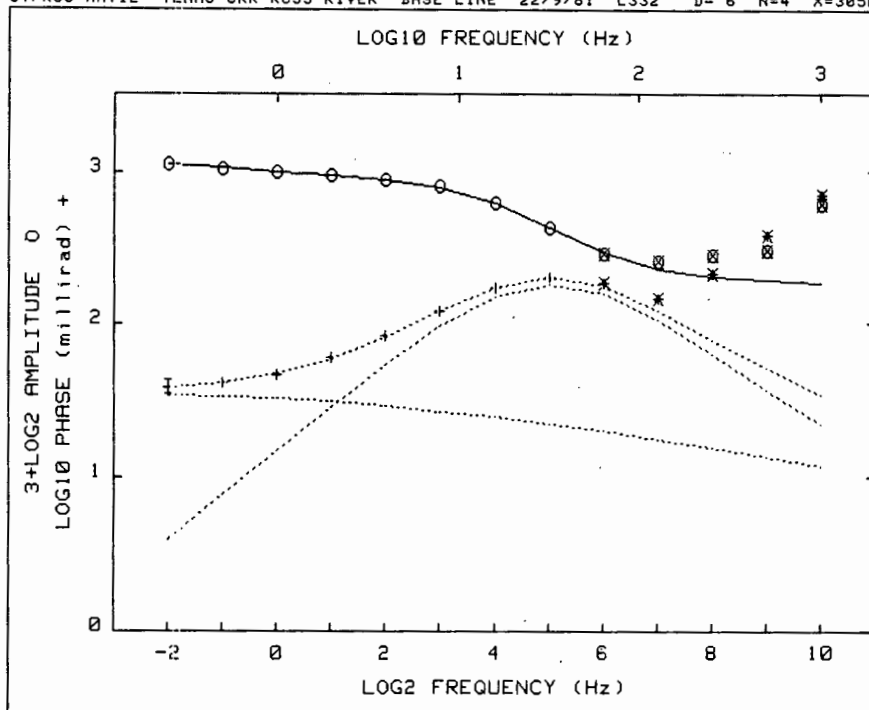
Pct Std Deviations 1.1 2.0 60.3 5.1 3.3

Correlation Matrix

1.000				
-.236	1.000			
.857	-.588	1.000		
-.327	.291	-.361	1.000	
-.501	.680	-.669	.766	1.000

Apparent Resistivity Measured at 1 Hz is 225.2
 Apparent Resistivity Calculated from Inductive Coupling is 6409

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9357	.7956	15.0	.0	0	581.2	478.9	6.1	.0	1
9	.8848	.8515	3.8	.0	0	245.8	257.0	-4.6	.2	1
8	.8759	.8747	.1	.0	1	136.9	144.7	-5.7	.0	1
7	.8836	.8894	-.7	.1	1	88.3	89.2	-1.0	.0	1
6	.8986	.9031	-.5	0.0	1	64.6	62.6	3.1	1.1	1
5	.9167	.9175	-.1	.0	1	53.8	50.2	6.7	1.5	1
4	.9364	.9328	.4	.0	1	47.0	44.6	5.0	.6	1
3	.9540	.9490	.5	.0	1	41.0	42.1	-2.7	.5	1
2	.9694	.9659	.4	.0	1	38.4	40.8	-6.2	.5	1
1	.9843	.9831	.1	.0	1	37.3	39.7	-6.4	.8	1
0	1.0000	1.0003	-.0	.0	1	36.4	38.5	-5.7	.3	1
-1	1.0161	1.0173	-.1	.0	1	37.1	36.9	.5	.8	1
-2	1.0324	1.0339	-.1	.0	1	38.4	35.0	8.8	1.1	1



CRL: Number of dispersions= 2
C1=.25 fixed

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2	C2
0	1.E-02	.01122	1.100	.326	9.5E-02	.800	1.6E-03	.997
1	1.E-02	.00239	1.170	.295	1.0E-01	.538	1.2E-03	.751
2	1.E-03	.00179	1.163	.269	1.5E-01	.284	4.5E-03	.757
3	1.E-02	.00031	1.183	.319	1.6E-01	.257	5.0E-03	.930
4	1.E-03	.00009	1.191	.314	1.8E-01	.219	6.7E-03	.985
5	1.E-04	.00006	1.205	.299	4.3E-01	.233	6.4E-03	.968
6	1.E-04	.00005	1.220	.296	8.1E-01	.239	6.3E-03	.954
7	1.E-04	.00004	1.232	.295	1.3E+00	.242	6.3E-03	.945
8	1.E-04	.00004	1.243	.296	1.9E+00	.245	6.3E-03	.938
9	1.E-04	.00003	1.251	.297	2.5E+00	.246	6.2E-03	.933

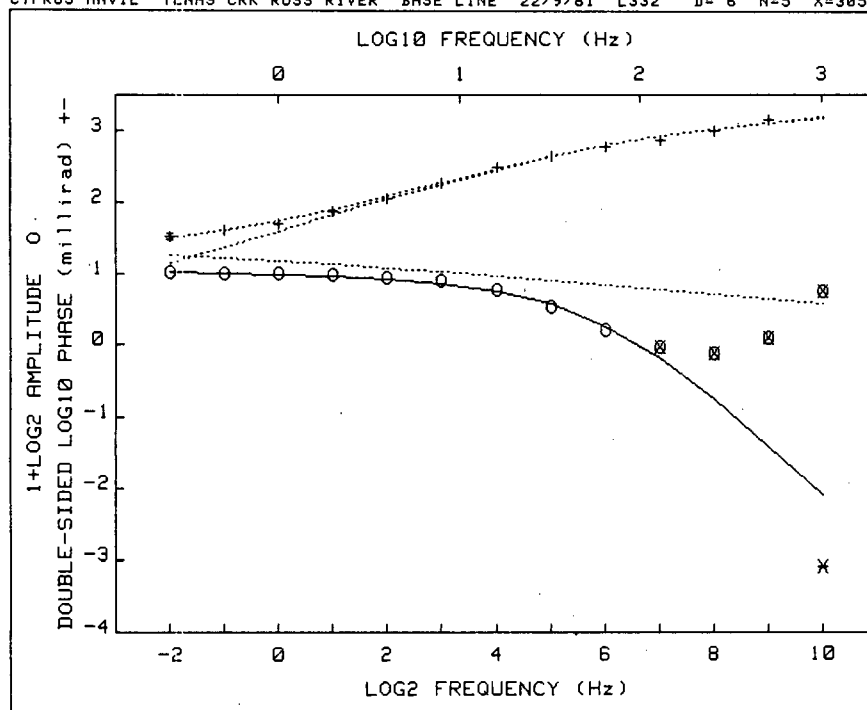
Pct Std Deviations 2.5 1.4 191.6 4.1 3.8 2.7

Correlation Matrix	1.000					
	.464	1.000				
	.992	.365	1.000			
	.662	-.216	.725	1.000		
	-.374	.204	-.427	-.854	1.000	
	-.792	.071	-.842	-.946	.745	1.000

CYPRUS ANVIL TENAS CRK ROSS RIVER BASE LINE 22/9/81 L332 D= 6 N=4 X=305m

Apparent Resistivity Measured at 1 Hz is 156.2
Apparent Resistivity Calculated from Inductive Coupling is 295.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8628	.6021	30.2	.0	0	704.4	34.1	95.2	.0	0
9	.6975	.6093	12.6	.3	0	378.8	50.7	86.6	.0	0
8	.6817	.6208	8.9	.1	0	211.0	78.5	62.0	.8	0
7	.6645	.6431	3.2	.1	0	146.0	122.4	16.2	.1	0
6	.6854	.6907	-.8	.3	0	186.5	176.1	5.5	3.9	0
5	.7740	.7752	-.1	.3	1	203.8	203.7	.0	2.4	1
4	.8691	.8688	.0	.1	1	174.1	174.6	-.3	1.7	1
3	.9362	.9307	.6	.1	1	121.0	122.2	-1.0	1.7	1
2	.9632	.9637	-.0	.0	1	82.8	82.3	.6	.7	1
1	.9863	.9842	.2	.1	1	60.7	59.3	2.3	1.6	1
0	1.0000	1.0011	-.1	.1	1	46.7	47.5	-1.6	.9	1
-1	1.0133	1.0173	-.4	.3	1	41.3	41.6	-.7	1.2	1
-2	1.0319	1.0336	-.2	.1	1	39.1	38.6	1.2	10.2	1



CRL: Number of dispersions= 2
C1=.25 M2=.82 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	C2
0	1.E-02	.00099	1.253	.230	1.0E+02	2.4E-03	.749
1	1.E-02	.00094	1.258	.228	1.0E+02	2.4E-03	.745
2	1.E-03	.00094	1.259	.229	1.0E+02	2.4E-03	.745

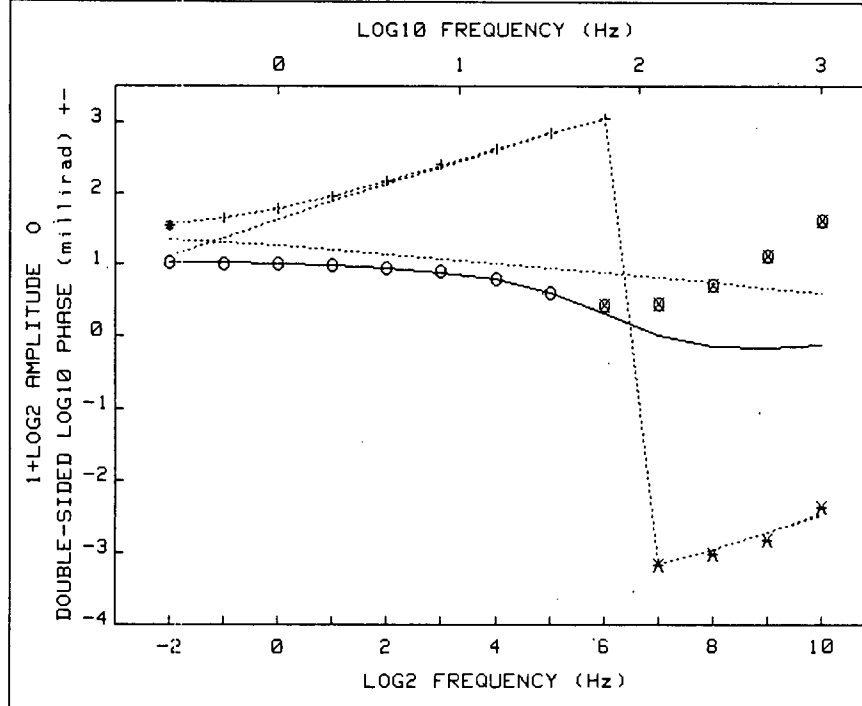
Pct Std Deviations 4.5 9.1 610.1 8.1 4.3

Correlation Matrix

1.000
.911 1.000
.950 .803 1.000
-.738 -.866 -.645 1.000
-.920 -.804 -.911 .747 1.000

Apparent Resistivity Measured at 1 Hz is 523.4
Apparent Resistivity Calculated from Inductive Coupling is 147.7

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8461	.1160	86.3	.1	0	-1238.8	1493.6	220.6	.0	0
9	.5389	.1869	65.3	.1	0	1385.0	1236.3	10.7	.1	1
8	.4628	.2951	36.2	.1	0	977.2	1025.4	-4.9	.0	1
7	.4871	.4390	9.9	.5	0	717.7	824.0	-14.8	.0	1
6	.5804	.5985	-3.1	.5	1	585.4	623.6	-6.5	1.3	1
5	.7261	.7405	-2.0	.5	1	444.9	440.5	1.0	1.1	1
4	.8528	.8445	1.0	.2	1	305.5	294.2	3.7	1.2	1
3	.9330	.9118	2.3	.2	1	189.2	190.5	-.7	1.1	1
2	.9636	.9537	1.0	.1	1	115.3	122.7	-6.4	.6	1
1	.9859	.9807	.5	.1	1	74.6	80.7	-8.1	1.3	1
0	1.0000	.9994	.1	.1	1	51.9	55.5	-7.0	.6	1
-1	1.0133	1.0139	-.1	.2	1	42.0	41.0	2.3	1.7	1
-2	1.0281	1.0262	.2	.1	1	34.6	33.1	4.5	10.4	1



CRL: Number of dispersions= 2
 C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.08456	1.260	.229	1.0E+02	6.4E-03	.745
1	1.E-02	.08354	1.285	.272	9.9E+01	2.6E-03	.795
2	1.E-03	.08013	1.349	.299	1.1E+02	2.8E-03	.864
3	1.E-04	.08009	1.390	.312	2.6E+02	2.7E-03	.851
4	1.E-05	.08009	1.450	.337	6.8E+02	2.5E-03	.837
5	1.E-06	.08008	1.462	.341	7.6E+02	2.5E-03	.835
6	1.E-07	.08008	1.462	.341	7.6E+02	2.5E-03	.835

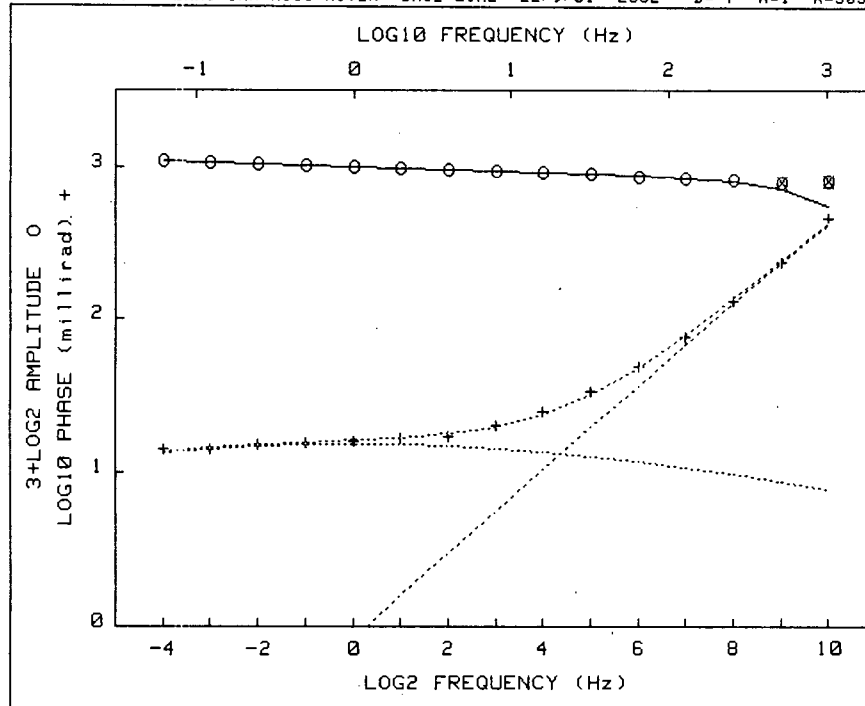
Pct Std Deviations 4.2 7.2 129.2 7.0 1.6

Correlation Matrix

1.000				
.993	1.000			
.981	.961	1.000		
-.973	-.978	-.950	1.000	
-.899	-.859	-.922	.922	1.000

Apparent Resistivity Measured at 1 Hz is 1209
 Apparent Resistivity Calculated from Inductive Coupling is 243.7

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.5309	.4608	69.9	.0	0	-235.4	-296.6	-26.0	.0	0
9	1.0938	.4491	58.9	.1	0	-783.6	-525.8	25.3	.1	0
8	.8154	.4522	44.5	.2	0	-1080.9	-907.5	16.0	.0	0
7	.6811	.5043	26.0	.0	0	-1528.6	-1437.0	6.0	.0	0
6	.6732	.6217	7.6	.1	0	1133.5	1160.5	-2.4	.7	1
5	.7595	.7580	.2	.6	1	725.9	729.1	-.4	.7	1
4	.8612	.8616	-.1	.2	1	446.0	436.8	2.1	.8	1
3	.9346	.9255	1.0	.2	1	260.6	257.1	1.4	.8	1
2	.9631	.9632	-.0	.1	1	151.6	152.5	-.6	.5	1
1	.9854	.9869	-.2	.1	1	93.0	93.8	-.8	1.1	1
0	1.0000	1.0036	-.4	.1	1	61.1	61.8	-1.1	.5	1
-1	1.0141	1.0173	-.3	.2	1	47.0	45.0	4.3	1.7	1
-2	1.0270	1.0299	-.3	.2	1	36.0	36.8	-2.3	9.7	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00014	1.081	.144	1.8E-01	5.8E-05	.916
1	1.E-02	.00012	1.079	.144	1.9E-01	5.7E-05	.907
2	1.E-03	.00012	1.079	.143	2.1E-01	5.7E-05	.903
3	1.E-04	.00012	1.080	.143	2.2E-01	5.6E-05	.901

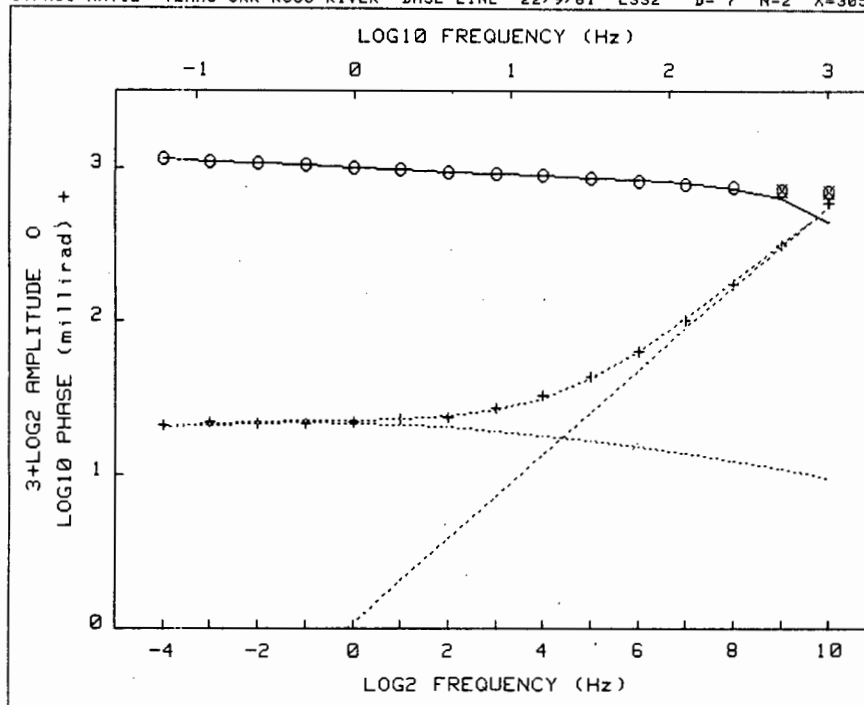
Pct Std Deviations .3 1.3 28.2 2.7 1.3

Correlation Matrix

	1.000				
	-.173	1.000			
	.615	-.621	1.000		
	-.239	.351	-.352	1.000	
	-.388	.670	-.653	.807	1.000

Apparent Resistivity Measured at 1 Hz is 2081
Apparent Resistivity Calculated from Inductive Coupling is 892.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9313	.9317	10.7	.0	0	445.2	421.5	5.3	.0	1
9	.9259	.8984	3.0	.0	0	234.8	240.7	-2.5	.1	1
8	.9340	.9300	.4	.0	1	130.1	136.1	-4.6	.2	1
7	.9438	.9465	-.3	.0	1	76.2	78.8	-3.4	.0	1
6	.9536	.9569	-.3	.0	1	48.6	48.2	.9	.0	1
5	.9637	.9649	-.1	.0	1	33.9	32.1	5.2	.0	1
4	.9709	.9719	-.1	.0	1	24.6	23.9	2.7	.0	1
3	.9785	.9788	-.0	.0	1	20.0	19.8	.8	1.0	1
2	.9856	.9856	-.0	.0	1	17.1	17.8	-4.2	.0	1
1	.9920	.9925	-.1	.0	1	16.8	16.8	.1	.6	1
0	1.0000	.9996	.0	.0	1	15.8	16.2	-2.4	.0	1
-1	1.0071	1.0066	.1	.0	1	15.6	15.7	-.4	.0	1
-2	1.0142	1.0135	.1	.0	1	15.3	15.1	1.2	.0	1
-3	1.0219	1.0202	.2	.0	1	14.1	14.4	-2.4	.0	1
-4	1.0284	1.0266	.2	.0	1	14.1	13.7	3.2	.0	1



CRL: Number of dispersions= 2
 C1=.25 M2=1 T2=.000072 C2=.9 fixed

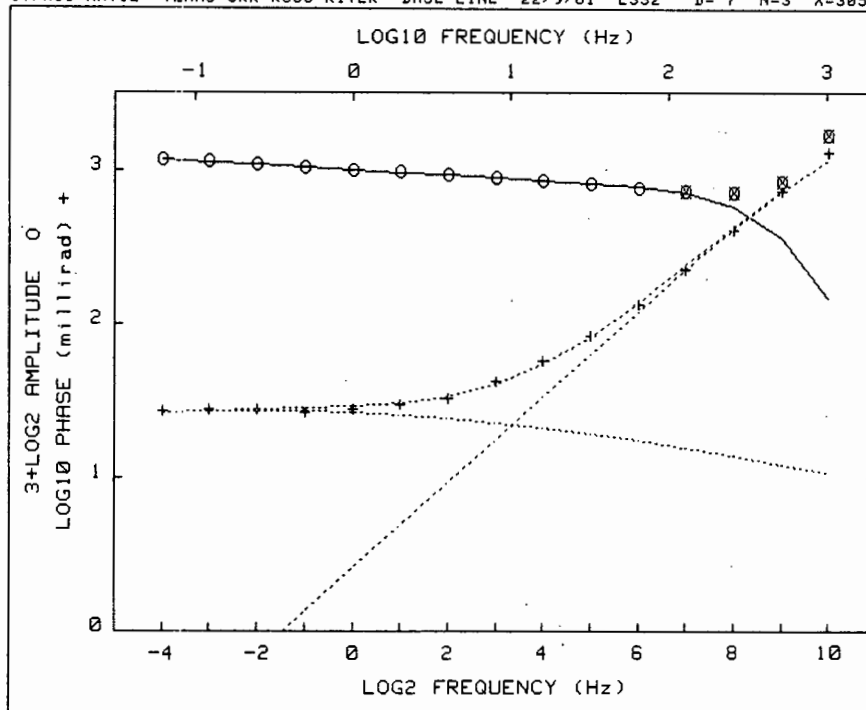
Iter	Lambda	Rchs	R0	M1	T1
0	1.E-02	.00011	1.128	.198	5.1E-01
1	1.E-02	.00011	1.128	.198	5.1E-01

Pct Std Deviations .3 .8 18.6

Correlation Matrix		
1.000		
.509	1.000	
.721	.263	1.000

Apparent Resistivity Measured at 1 Hz is 1479
 Apparent Resistivity Calculated from Inductive Coupling is 1834

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8950	.7811	12.7	.0	0	578.2	547.4	5.3	.0	1
9	.8987	.8664	3.6	.0	0	309.3	315.5	-2.0	.0	1
8	.9126	.9079	.5	.0	1	171.0	178.8	-4.5	.1	1
7	.9270	.9293	-.3	.0	1	100.3	103.3	-3.0	.0	1
6	.9391	.9427	-.4	.0	1	63.2	63.1	.2	.3	1
5	.9514	.9529	-.2	.0	1	43.6	42.2	3.2	.0	1
4	.9613	.9621	-.1	.0	1	32.8	31.6	3.6	.3	1
3	.9713	.9710	.0	.0	1	27.4	26.5	3.2	.0	1
2	.9803	.9802	.0	.0	1	23.7	24.2	-2.1	.4	1
1	.9900	.9897	.0	.0	1	23.0	23.2	-.9	.0	1
0	1.0000	.9995	.1	.0	1	21.9	22.8	-4.0	.0	1
-1	1.0097	1.0095	.0	.0	1	21.8	22.5	-3.0	.0	1
-2	1.0202	1.0195	.1	.0	1	21.8	22.0	-1.1	.5	1
-3	1.0301	1.0295	.1	.0	1	21.9	21.4	2.2	1.8	1
-4	1.0403	1.0393	.1	.0	1	21.1	20.6	2.6	2.4	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.04238	1.128	.198	5.1E-01	7.2E-05	.903
1	1.E-02	.00062	1.158	.242	5.5E-01	1.8E-04	.882
2	1.E-03	.00031	1.168	.241	7.8E-01	2.0E-04	.921
3	1.E-04	.00030	1.173	.241	1.0E+00	1.9E-04	.914
4	1.E-05	.00030	1.175	.241	1.1E+00	1.9E-04	.913

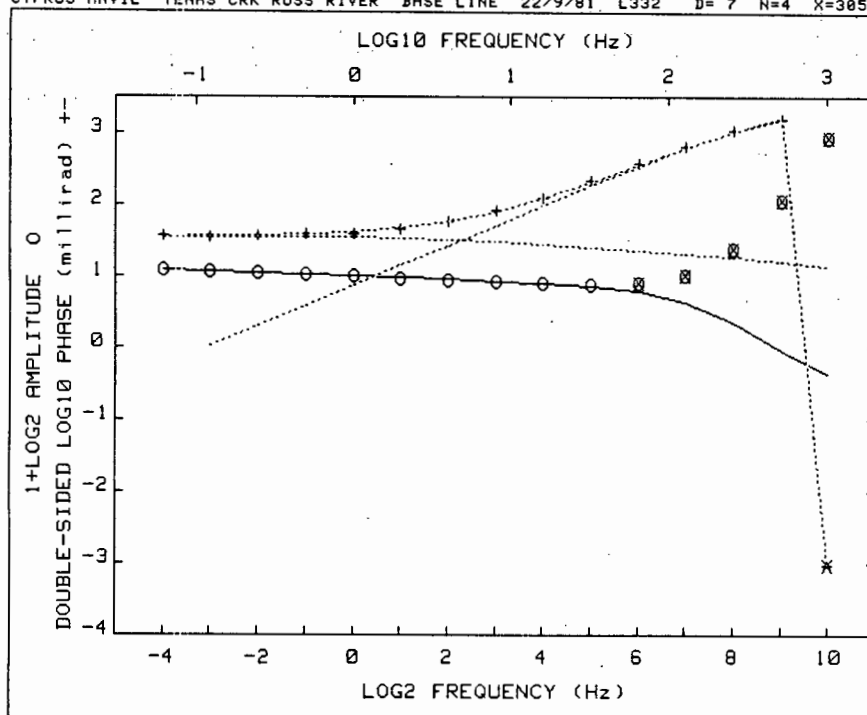
Pct Std Deviations .9 1.6 58.9 2.9 1.7

Correlation Matrix

1.000				
.332	1.000			
.068	.052	1.000		
-.284	-.132	-.257	1.000	
-.508	.274	-.637	.578	1.000

Apparent Resistivity Measured at 1 Hz is 543.8
Apparent Resistivity Calculated from Inductive Coupling is 1332

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1677	.5612	51.9	.0	0	1275.5	1152.2	9.7	.0	1
9	.9418	.7309	22.4	.0	0	721.8	723.5	-.2	.0	1
8	.8983	.8407	6.4	.0	0	397.2	421.2	-6.0	.1	1
7	.9830	.8957	.8	.0	0	223.8	238.2	-6.4	.0	1
6	.9184	.9235	-.6	.0	1	132.4	136.5	-3.1	.0	1
5	.9365	.9402	-.4	0.0	1	84.3	82.4	2.3	.4	1
4	.9516	.9529	-.1	.0	1	57.6	54.4	5.6	.0	1
3	.9646	.9643	.0	.0	1	42.9	40.3	6.0	.7	1
2	.9766	.9755	.1	.0	1	33.1	33.5	-1.2	.0	1
1	.9888	.9871	.2	.0	1	30.1	30.4	-1.1	.7	1
0	1.0000	.9990	.1	.0	1	27.9	29.1	-4.3	.4	1
-1	1.0125	1.0114	.1	.0	1	26.9	28.5	-5.9	.4	1
-2	1.0254	1.0240	.1	.0	1	27.7	28.0	-1.2	.8	1
-3	1.0383	1.0367	.1	.0	1	28.0	27.5	1.9	.4	1
-4	1.0522	1.0494	.3	.0	1	27.5	26.7	3.0	.7	1



CRL: Number of dispersions= 2
 C1=.25 M2=1 T2=.00058 C2=.91 fixed

Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00020	1.244	.306	1.3E+00
1	1.E-01	.00020	1.244	.306	1.3E+00
2	1.E-01	.00020	1.244	.306	1.3E+00
3	1.E-01	.00019	1.245	.306	1.3E+00

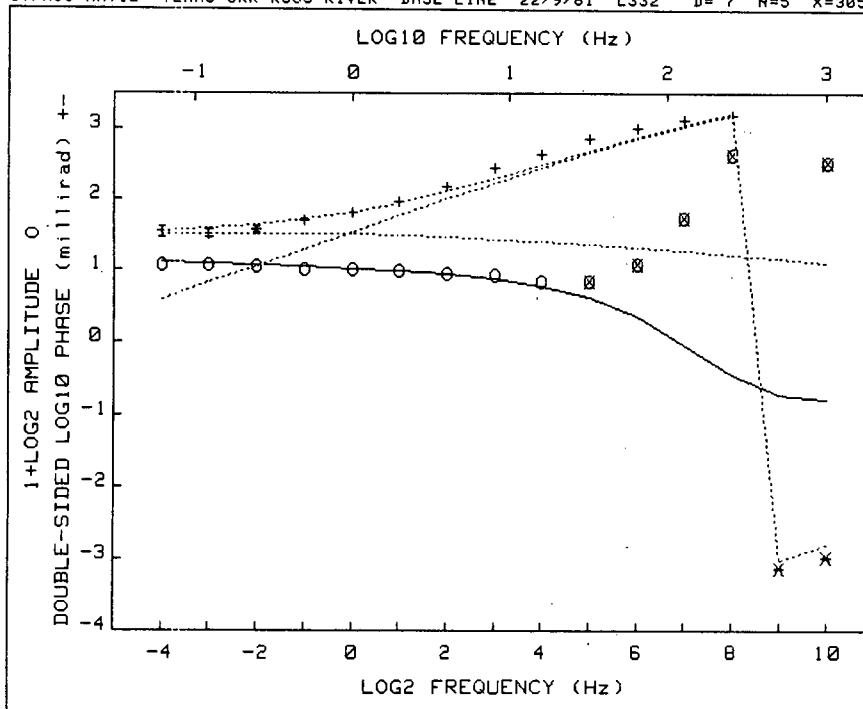
Pct Std Deviations .9 1.0 42.7

Correlation Matrix

1.000		
.458	1.000	
.901	.211	1.000

Apparent Resistivity Measured at 1 Hz is 154.1
 Apparent Resistivity Calculated from Inductive Coupling is 721.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	3.8150	.3880	89.8	.0	0	-1093.0	-1020.0	6.7	.0	0
9	2.0710	.4868	76.5	.0	0	1547.4	1570.3	-1.5	.0	1
8	1.2974	.6427	50.5	.0	0	1078.7	1038.7	3.7	.0	1
7	1.0079	.7819	22.4	.0	0	658.9	627.5	4.8	.0	1
6	.9306	.8650	7.1	.1	0	374.4	361.2	3.5	.1	1
5	.9246	.9088	1.7	.0	1	212.9	207.9	2.4	.2	1
4	.9377	.9348	.3	.1	1	127.6	124.9	2.1	.2	1
3	.9549	.9538	.1	.1	1	84.5	81.4	3.6	.9	1
2	.9691	.9705	-.1	.0	1	58.4	59.2	-1.3	.3	1
1	.9847	.9866	-.2	.0	1	46.6	48.1	-3.2	.2	1
0	1.0000	1.0029	-.3	.0	1	40.3	42.6	-5.8	.9	1
-1	1.0158	1.0196	-.4	.1	1	39.0	39.9	-2.3	.8	1
-2	1.0312	1.0367	-.5	.1	1	38.1	38.3	-.6	2.2	1
-3	1.0499	1.0539	-.4	.0	1	36.7	37.0	-.9	2.7	1
-4	1.0687	1.0711	-.2	.1	1	38.2	35.7	6.5	2.1	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00808	1.259	.279	1.3E+00	1.6E-03	.769
1	1.E+01	.00737	1.248	.282	1.3E+00	1.7E-03	.769
2	1.E+02	.00732	1.247	.282	1.3E+00	1.7E-03	.769

Pct Std Deviations 12.3 27.8 999.9 19.2 11.6

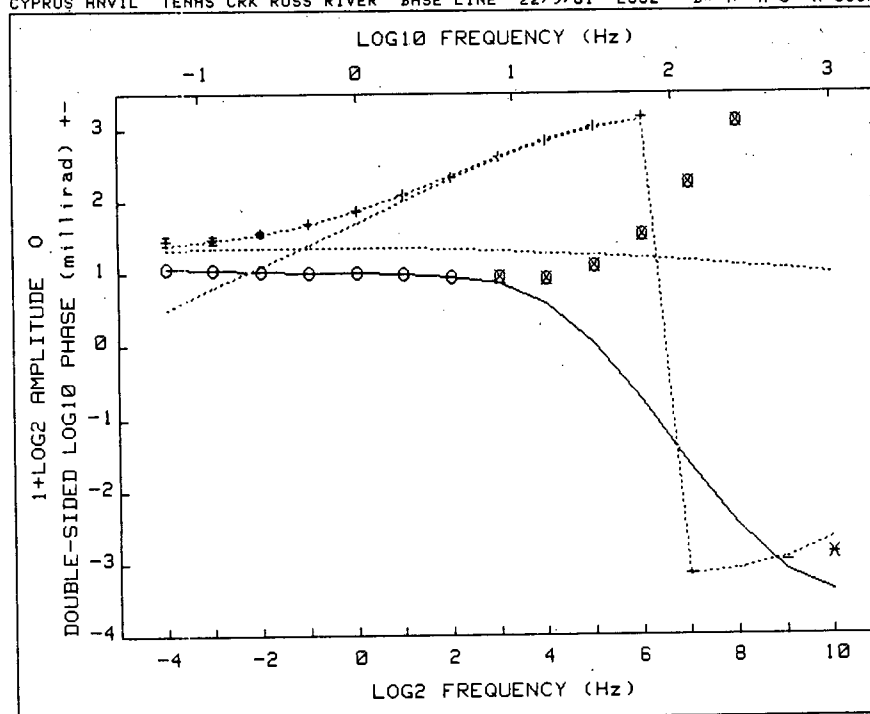
Correlation Matrix

1.000					
-.706	1.000				
.965	-.837	1.000			
.176	-.571	.303	1.000		
-.761	.834	-.811	-.209	1.000	

Apparent Resistivity Measured at 1 Hz is 89.86

Apparent Resistivity Calculated from Inductive Coupling is 193.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.8597	.2890	89.9	.0	0	-980.0	-655.9	33.1	.0	0
9	6.0511	.3022	95.0	.0	0	-1351.0	-1070.4	20.8	.0	0
8	3.0582	.3667	88.0	.0	0	1548.4	1568.4	-1.3	.0	1
7	1.6464	.4908	70.2	.1	0	1308.1	1109.2	15.2	.1	1
6	1.0573	.6394	39.5	.3	0	1032.1	749.2	27.4	.3	1
5	.8956	.7681	14.2	.4	0	711.8	487.2	31.6	.5	1
4	.8944	.8595	3.9	.8	1	443.6	310.1	30.1	.5	1
3	.9447	.9198	2.6	1.4	1	279.5	197.9	29.2	2.0	1
2	.9639	.9603	.4	.1	1	155.0	129.8	16.3	.8	1
1	.9850	.9897	-.5	.1	1	93.9	89.6	4.6	1.1	1
0	1.0000	1.0131	-1.3	.1	1	63.7	66.2	-3.9	.9	1
-1	1.0130	1.0334	-2.0	.2	1	49.6	52.5	-5.9	1.8	1
-2	1.0309	1.0520	-2.0	.1	1	38.1	44.4	-16.5	10.0	1
-3	1.0468	1.0695	-2.2	.2	1	33.2	39.3	-18.4	12.3	1
-4	1.0591	1.0863	-2.6	.5	1	35.6	35.8	-.5	16.9	1



CRL: Number of dispersions= 3 Negative.
 C1=.25 M2=.85 C2=.99 M3=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	T3
0	1.E-02	.00293	1.100	.200	6.2E-01	9.9E-03	1.0E-06
1	1.E+01	.00185	1.123	.200	6.2E-01	9.8E-03	1.0E-06
2	1.E+01	.00159	1.133	.200	6.2E-01	9.7E-03	1.0E-06
3	1.E+01	.00148	1.137	.200	6.2E-01	9.6E-03	1.0E-06
4	1.E+01	.00141	1.138	.200	6.2E-01	9.6E-03	1.0E-06
5	1.E+00	.00122	1.142	.204	6.2E-01	9.4E-03	1.0E-06
6	1.E-01	.00068	1.143	.208	6.2E-01	8.5E-03	1.0E-06
7	1.E-02	.00065	1.145	.209	6.3E-01	8.3E-03	1.0E-06
8	1.E-02	.00065	1.145	.210	6.4E-01	8.2E-03	1.0E-06

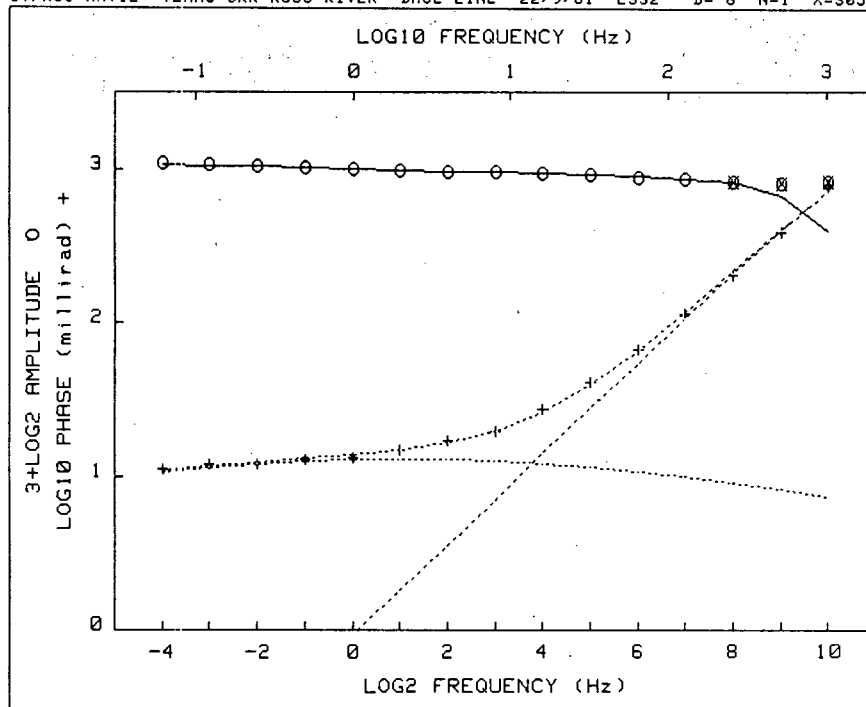
Pct Std Deviations 2.0 8.7 558.7 4.3 884.9

Correlation Matrix	1.000				
	-.798	1.000			
	.921	-.936	1.000		
	.344	-.621	.467	1.000	
	-.170	-.263	-.023	.302	1.000

CYPRUS ANVIL TENAS CRK ROSS RIVER BASE LINE 22/9/81 L332 D= 7 N=6 X=305m

Apparent Resistivity Measured at 1 Hz is 298.4
 Apparent Resistivity Calculated from Inductive Coupling is 152.4

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	8.3971	.0471	99.4	.0	0	-768.4	-459.1	40.3	.0	0
9	7.7274	.0577	99.3	.0	0	-988.4	-883.3	10.6	.0	1
8	4.2512	.0889	97.9	.0	0	-1251.9	-1263.5	-.9	.0	1
7	2.3814	.1580	93.4	.0	0	-1468.0	-1547.5	-6.0	.1	1
6	1.4521	.2911	80.0	.2	0	1440.1	1347.8	6.4	.1	1
5	1.0651	.5075	52.3	.2	0	1074.9	1056.7	1.7	.3	1
4	.9494	.7491	21.1	.7	0	684.3	711.6	-4.0	.2	1
3	.9624	.9018	6.3	1.3	0	413.7	413.4	.1	1.8	1
2	.9695	.9640	.6	.1	1	216.7	226.0	-4.3	.5	1
1	.9868	.9888	-.2	.1	1	125.7	125.6	.0	.8	1
0	1.0000	1.0028	-.3	.1	1	76.3	74.7	2.1	.8	1
-1	1.0097	1.0143	-.5	.2	1	51.9	49.1	5.4	1.2	1
-2	1.0253	1.0253	-.0	.1	1	37.1	36.1	2.7	8.5	1
-3	1.0385	1.0361	.2	.2	1	30.5	29.3	4.1	10.9	1
-4	1.0480	1.0466	.1	.4	1	29.6	25.3	14.5	15.6	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.04548	1.250	.100	1.3E+00	1.7E-04	.769
1	1.E-02	.00159	1.074	.122	1.0E+00	8.8E-05	.855
2	1.E-03	.00029	1.064	.116	2.8E-01	1.1E-04	.946
3	1.E-04	.00021	1.061	.121	1.2E-01	1.1E-04	.965
4	1.E-05	.00020	1.061	.123	1.1E-01	1.1E-04	.970
5	1.E-06	.00020	1.061	.123	1.0E-01	1.1E-04	.971

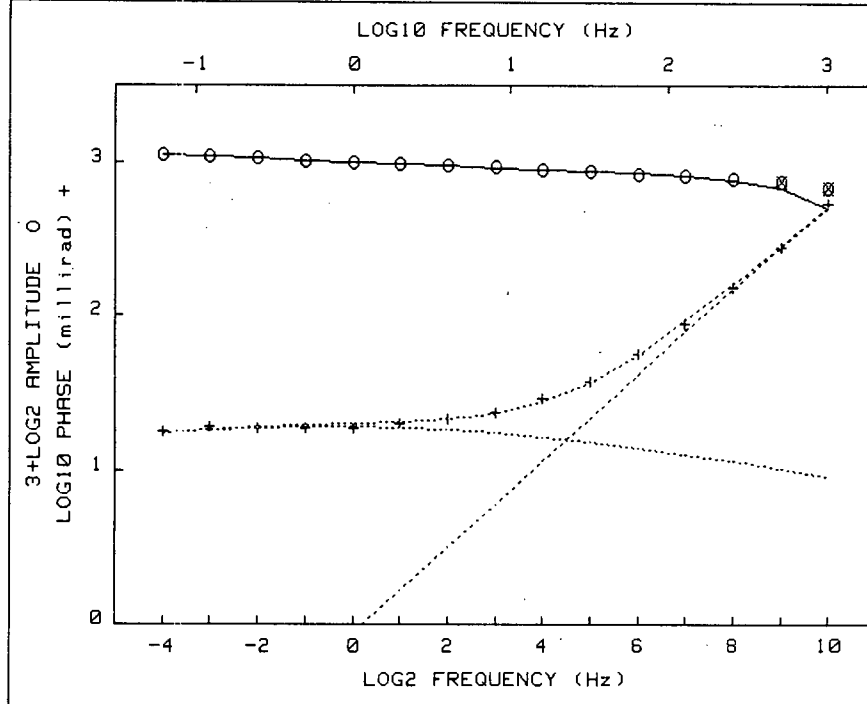
Pct Std Deviations .3 2.3 40.9 2.4 1.3

Correlation Matrix

1.000				
-.253	1.000			
.467	-.608	1.000		
-.121	.199	-.180	1.000	
-.286	.697	-.627	.668	1.000

Apparent Resistivity Measured at 1 Hz is 857.8
Apparent Resistivity Calculated from Inductive Coupling is 565.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9353	.7551	19.3	.0	0	773.2	707.9	8.4	.0	1
9	.9325	.8826	5.3	.0	0	385.2	401.8	-4.3	.0	1
8	.9392	.9340	.6	.0	0	204.0	216.3	-6.0	.0	1
7	.9504	.9536	-.3	.0	1	113.2	116.5	-2.9	.1	1
6	.9604	.9632	-.3	.0	1	66.1	65.1	1.5	.2	1
5	.9695	.9698	-.0	.0	1	40.1	39.2	2.4	.0	1
4	.9763	.9757	.1	.0	1	27.2	26.2	3.7	.0	1
3	.9818	.9815	.0	.0	1	19.8	19.8	.2	.0	1
2	.9873	.9873	.0	.0	1	17.0	16.6	2.6	.0	1
1	.9934	.9932	.0	.0	1	14.7	14.9	-1.2	.0	1
0	1.0000	.9991	.1	.0	1	13.1	13.9	-5.9	.0	1
-1	1.0065	1.0049	.2	.0	1	12.9	13.1	-1.7	.0	1
-2	1.0106	1.0106	.0	.0	1	12.1	12.4	-2.6	.0	1
-3	1.0169	1.0160	.1	.0	1	12.0	11.7	2.7	.0	1
-4	1.0234	1.0211	.2	.0	1	11.2	10.9	2.9	.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00798	1.060	.143	1.0E-01	1.1E-04	.971
1	1.E-02	.00035	1.092	.180	1.3E-01	7.0E-05	.936
2	1.E-03	.00018	1.101	.175	2.3E-01	6.8E-05	.931
3	1.E-04	.00017	1.104	.175	3.2E-01	6.7E-05	.921
4	1.E-05	.00017	1.105	.175	3.3E-01	6.7E-05	.919

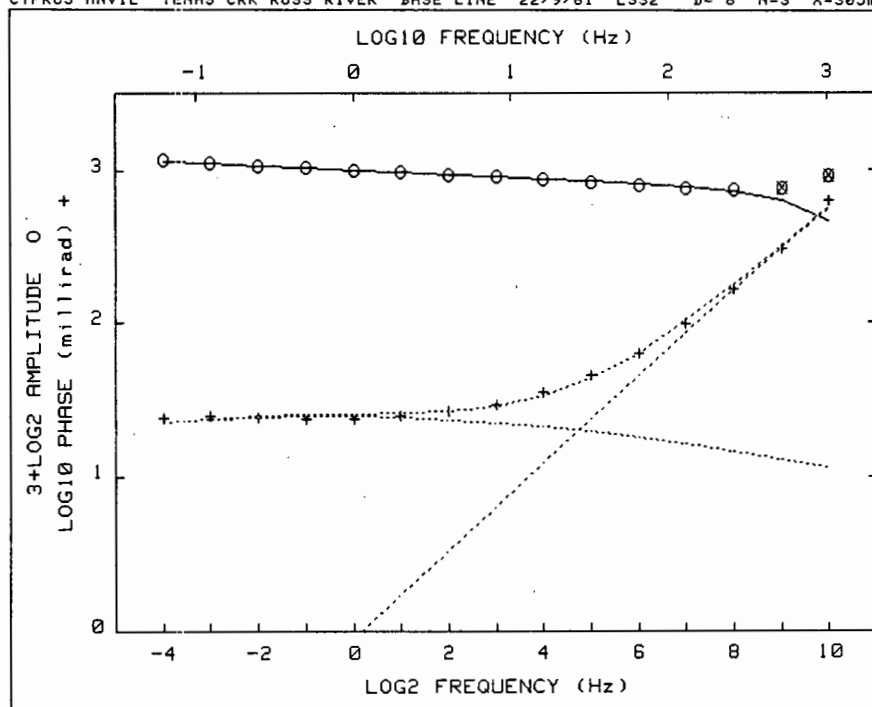
Pct Std Deviations .4 1.3 32.2 2.9 1.5

Correlation Matrix

1.000				
-.030	1.000			
.709	-.419	1.000		
-.266	.255	-.333	1.000	
-.420	.567	-.632	.785	1.000

Apparent Resistivity Measured at 1 Hz is 986.3
Apparent Resistivity Calculated from Inductive Coupling is 2095

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8831	.8091	8.4	.0	0	535.3	501.0	6.4	.0	1
9	.9089	.8853	2.6	.0	0	277.4	283.9	-2.3	.0	1
8	.9222	.9202	.2	.0	1	149.8	158.8	-6.0	.1	1
7	.9343	.9378	-.4	.0	1	88.0	91.0	-3.4	.2	1
6	.9453	.9490	-.4	.0	1	56.1	55.3	1.4	.4	1
5	.9565	.9577	-.1	.0	1	38.1	37.0	2.9	.5	1
4	.9654	.9658	-.0	.0	1	29.0	27.8	4.0	.7	1
3	.9742	.9738	.0	0.0	1	23.8	23.4	1.6	.4	1
2	.9828	.9819	.1	.0	1	21.6	21.4	1.1	.5	1
1	.9916	.9904	.1	.0	1	20.1	20.4	-1.7	.0	1
0	1.0000	.9990	.1	.0	1	18.9	19.9	-5.6	.0	1
-1	1.0083	1.0077	.1	.0	1	18.8	19.5	-3.9	.0	1
-2	1.0174	1.0164	.1	.0	1	18.6	19.0	-2.3	.5	1
-3	1.0257	1.0250	.1	.0	1	19.0	18.3	3.4	2.1	1
-4	1.0343	1.0332	.1	.0	1	18.1	17.5	3.4	2.8	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	C2
0	1.E-02	.00569	1.100	.175	2.4E-01	6.8E-05	.926
1	1.E-02	.00040	1.129	.222	2.7E-01	7.4E-05	.938
2	1.E-03	.00035	1.138	.221	3.6E-01	7.3E-05	.934
3	1.E-04	.00035	1.148	.220	4.1E-01	7.3E-05	.929

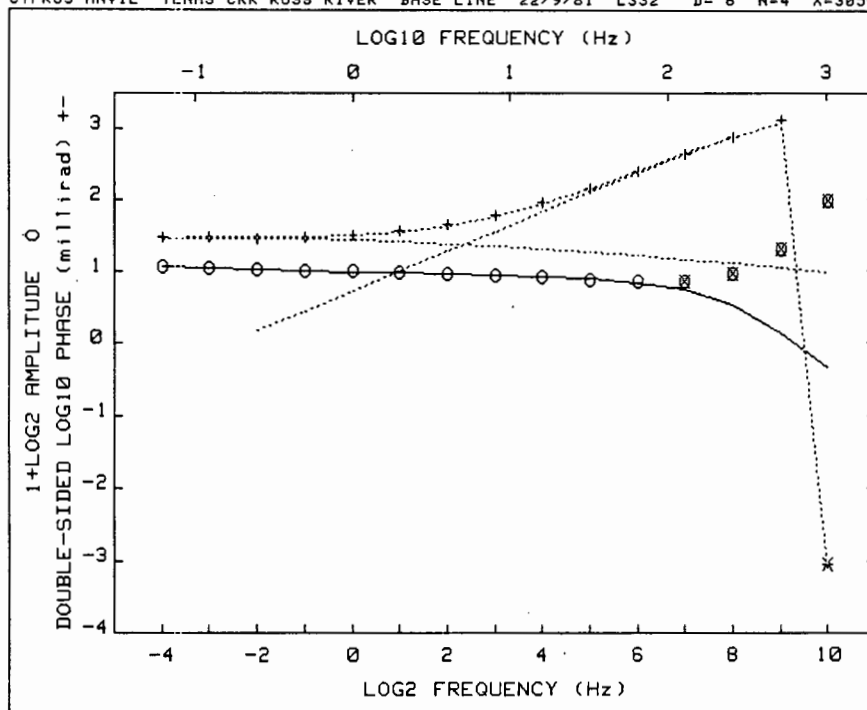
Pct Std Deviations .7 1.6 46.0 4.2 2.2

Correlation Matrix

1.000				
.032	1.000			
.768	-.350	1.000		
-.289	.205	-.330	1.000	
-.442	.530	-.624	.771	1.000

Apparent Resistivity Measured at 1 Hz is 568.2
Apparent Resistivity Calculated from Inductive Coupling is 3757

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9676	.7899	18.4	.0	0	624.8	566.2	9.4	.0	1
9	.9157	.8697	5.0	.0	0	304.5	319.5	-4.9	.0	1
8	.9103	.9064	.4	.0	1	165.2	178.2	-7.9	.2	1
7	.9196	.9252	-.6	.0	1	98.5	102.4	-3.9	.4	1
6	.9325	.9376	-.5	0.0	1	63.8	63.0	1.3	.5	1
5	.9463	.9478	-.2	.1	1	45.4	43.0	5.2	.7	1
4	.9567	.9576	-.1	.0	1	35.4	33.3	6.0	.6	1
3	.9682	.9675	.1	.0	1	29.4	28.7	2.3	.7	1
2	.9796	.9778	.2	.0	1	26.8	26.7	.2	.4	1
1	.9902	.9885	.2	.0	1	24.9	25.9	-4.1	.0	1
0	1.0000	.9996	.0	.0	1	23.9	25.5	-6.8	.0	1
-1	1.0118	1.0108	.1	.0	1	23.7	25.2	-6.2	.0	1
-2	1.0226	1.0222	.0	.0	1	24.2	24.6	-1.7	1.2	1
-3	1.0347	1.0333	.1	.0	1	24.8	23.8	4.0	.0	1
-4	1.0463	1.0442	.2	.0	1	24.0	22.8	5.2	1.3	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00611	1.280	.296	5.2E+00	5.1E-04	.882
1	1.E-02	.00024	1.224	.262	5.0E+00	4.0E-04	.889
2	1.E-03	.00022	1.219	.259	3.8E+00	4.1E-04	.897
3	1.E-04	.00021	1.208	.257	2.6E+00	4.1E-04	.904
4	1.E-05	.00021	1.206	.257	2.3E+00	4.1E-04	.907

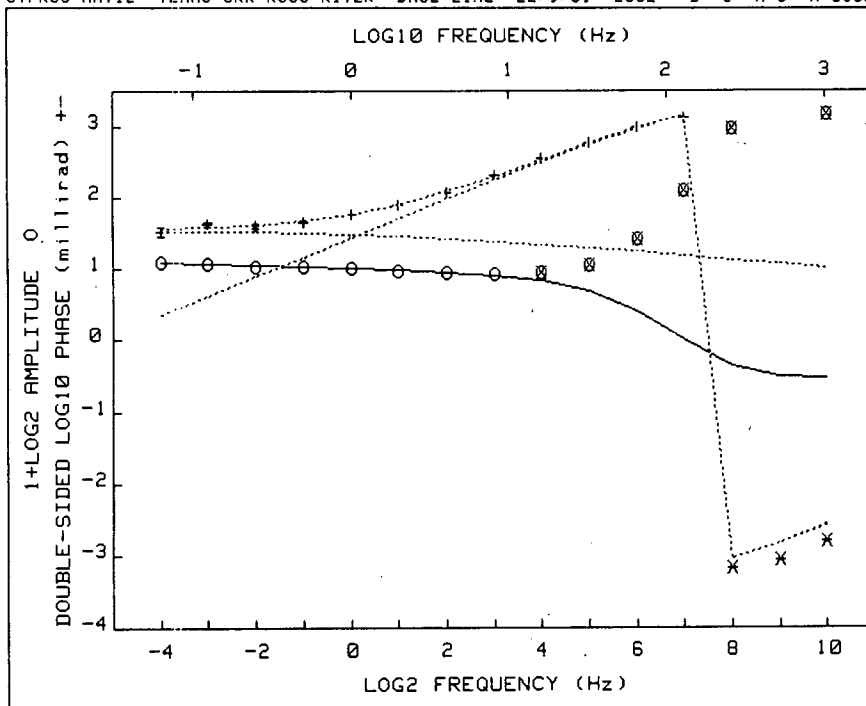
Pct Std Deviations 1.2 1.7 68.2 2.6 1.5

Correlation Matrix

1.000				
.672	1.000			
.938	.511	1.000		
-.460	-.360	-.422	1.000	
-.623	-.095	-.694	.624	1.000

Apparent Resistivity Measured at 1 Hz is 192.7
Apparent Resistivity Calculated from Inductive Coupling is 1005

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.9849	.3973	80.0	.0	0	-1107.1	-1396.6	-26.2	.0	0
9	1.2353	.5507	55.4	.0	0	1301.7	1216.9	6.5	.0	1
8	.9714	.7204	25.8	.0	0	769.9	770.8	-.1	.0	1
7	.9073	.8367	7.0	.1	0	432.7	452.6	-4.6	.3	1
6	.9081	.8974	1.2	.1	1	246.2	257.6	-4.6	.3	1
5	.9267	.9286	-.2	.2	1	143.9	148.3	-3.0	.8	1
4	.9423	.9474	-.5	.0	1	92.6	89.7	3.1	.9	1
3	.9578	.9616	-.4	.0	1	62.7	59.2	5.5	1.1	1
2	.9740	.9741	-.0	.0	1	45.5	43.9	3.6	.2	1
1	.9876	.9865	.1	.0	1	36.9	36.4	1.4	.3	1
0	1.0000	.9991	.1	.0	1	32.0	32.9	-3.0	1.1	1
-1	1.0115	1.0121	-.1	.0	1	30.2	31.5	-4.1	.7	1
-2	1.0254	1.0257	-.0	.0	1	29.6	30.8	-3.9	2.8	1
-3	1.0389	1.0395	-.1	.1	1	30.8	30.3	1.7	3.6	1
-4	1.0523	1.0535	-.1	.1	1	30.4	29.7	2.5	4.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00113	1.326	.308	1.5E+01	2.3E-03	.859
1	1.E-02	.00040	1.313	.304	1.5E+01	2.1E-03	.869
2	1.E-03	.00039	1.305	.301	1.2E+01	2.1E-03	.871
3	1.E-04	.00039	1.274	.294	5.4E+00	2.1E-03	.882
4	1.E-05	.00038	1.276	.296	5.2E+00	2.1E-03	.882

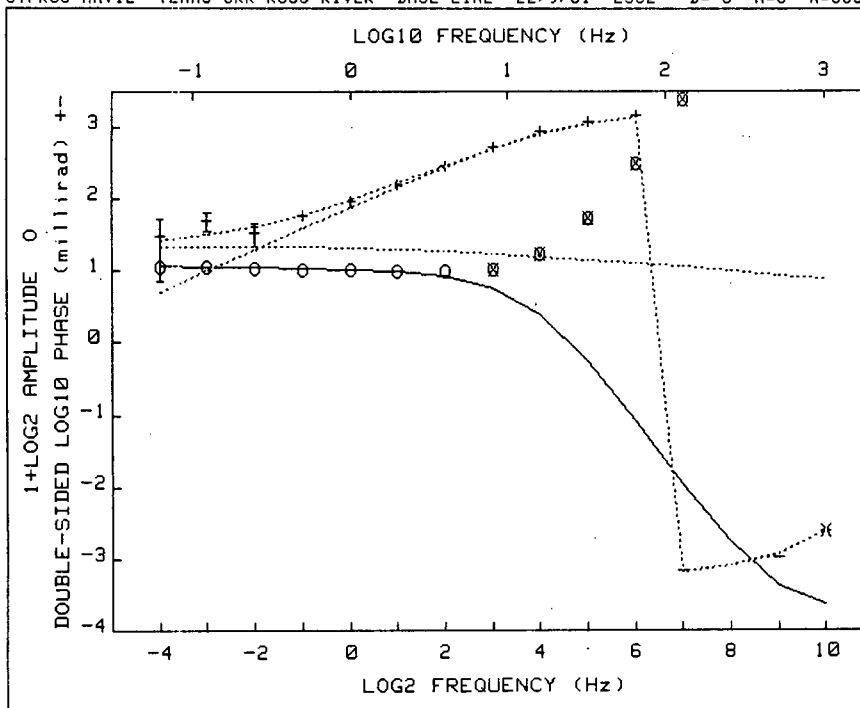
Pct Std Deviations 3.9 3.3 360.9 4.7 2.9

Correlation Matrix

1.000					
.706	1.000				
.980	.597	1.000			
-.737	-.638	-.700	1.000		
-.786	-.270	-.831	.699	1.000	

Apparent Resistivity Measured at 1 Hz is 59.00
Apparent Resistivity Calculated from Inductive Coupling is 251.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	4.4690	.3432	92.3	.0	0	-663.1	-384.1	42.1	.0	0
9	7.4835	.3483	95.3	.0	0	-1175.4	-682.8	41.9	.0	0
8	3.9234	.3898	90.1	.0	0	-1500.7	-1143.7	23.8	.0	0
7	2.1495	.5010	76.7	.1	0	1336.3	1452.2	-8.7	.1	1
6	1.3371	.6624	50.5	.1	0	975.5	957.3	1.9	.2	1
5	1.0388	.8024	22.8	.4	0	602.6	584.1	3.1	.2	1
4	.9566	.8884	7.1	.2	0	352.8	342.0	3.1	.5	1
3	.9477	.9360	1.2	.1	1	203.9	200.4	1.7	1.0	1
2	.9654	.9648	.1	.1	1	120.7	122.2	-1.2	.5	1
1	.9819	.9855	-.4	.1	1	77.9	80.3	-3.1	.6	1
0	1.0000	1.0030	-.3	.1	1	58.3	58.4	-.2	1.2	1
-1	1.0170	1.0196	-.3	.2	1	46.6	47.2	-1.3	2.1	1
-2	1.0304	1.0361	-.6	.2	1	40.9	41.6	-1.7	6.4	1
-3	1.0552	1.0528	.2	.3	1	43.5	38.7	11.0	7.6	1
-4	1.0693	1.0698	-.0	.3	1	34.9	37.0	-6.1	14.3	1



CRL: Number of dispersions= 3 Negative.
 C1=.25 M2=.85 M3=1 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2	T3
0	1.E-02	.01015	1.200	.260	2.3E+00	8.1E-03	.900	1.0E-06
1	1.E-00	.00668	1.201	.235	2.3E+00	8.4E-03	.897	1.0E-06
2	1.E-01	.00461	1.175	.206	2.3E+00	1.0E-02	.931	1.0E-06
3	1.E-02	.00437	1.167	.201	2.1E+00	1.1E-02	.954	1.0E-06
4	1.E-02	.00435	1.165	.199	2.0E+00	1.1E-02	.958	1.0E-06

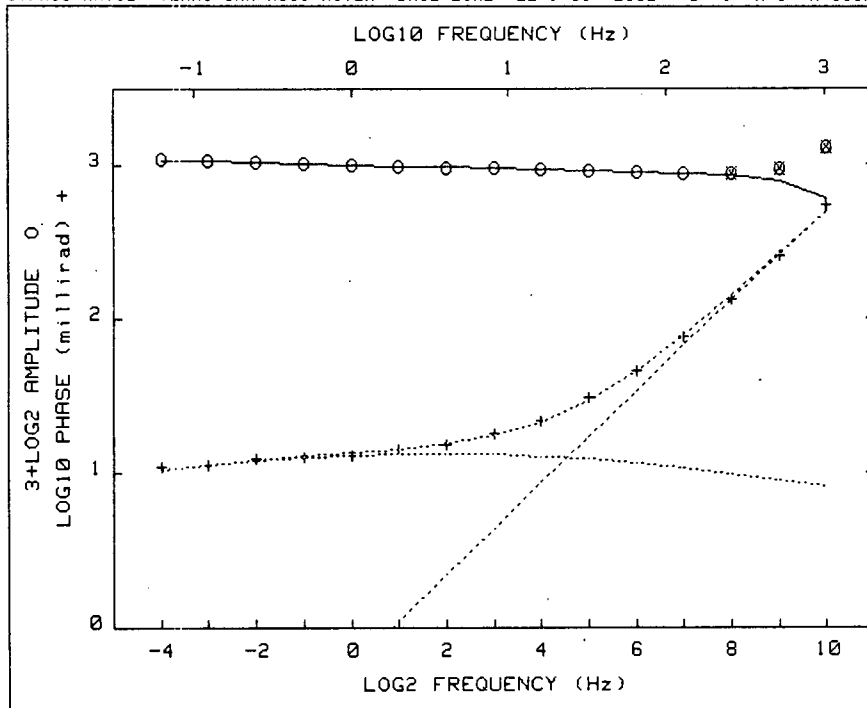
Pct Std Deviations 13.0 28.4 999.9 11.3 8.9 999.9

Correlation Matrix

1.000						
-.916	1.000					
.986	-.955	1.000				
-.056	-.185	-.001	1.000			
-.928	.846	-.919	.177	1.000		
-.396	.131	-.353	.223	.261	1.000	

Apparent Resistivity Measured at 1 Hz is 59.78
 Apparent Resistivity Calculated from Inductive Coupling is 102.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	9.9744	.0402	99.6	0.0	0	-409.9	-411.8	-.5	.0	0
9	8.4918	.0484	99.4	.0	0	-956.8	-852.5	10.9	.0	1
8	9.9380	.0730	99.3	.0	0	-1266.7	-1247.1	1.5	.0	1
7	5.2122	.1276	97.6	.1	0	-1469.7	-1534.6	-4.4	.2	1
6	2.8098	.2327	91.7	.1	0	1488.5	1379.5	7.3	.2	1
5	1.6589	.4113	75.2	.8	0	1209.0	1133.0	6.3	.4	1
4	1.1706	.5463	44.8	.6	0	881.3	828.3	6.0	.6	1
3	1.0062	.8420	16.3	.5	0	545.7	521.2	4.5	1.7	1
2	.9912	.9432	4.8	.2	1	293.3	297.3	-1.3	.8	1
1	.9910	.9857	.5	.3	1	164.2	166.0	-1.1	.8	1
0	1.0000	1.0062	-.6	.3	1	92.0	96.1	-4.4	2.4	1
-1	1.0032	1.0197	-1.6	.5	1	58.3	60.0	-3.0	3.6	1
-2	1.0192	1.0312	-1.2	.5	1	33.9	41.6	-22.7	37.2	1
-3	1.0411	1.0421	-.1	1.4	1	51.4	32.1	37.5	29.0	1
-4	1.0322	1.0528	-2.0	1.5	1	30.1	27.0	10.3	75.4	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	C2
0	1.E-02	.03517	1.140	.220	4.1E-01	7.3E-05	.929
1	1.E-02	.00154	1.040	.122	2.8E-01	7.2E-05	.933
2	1.E-03	.00026	1.060	.120	1.2E-01	7.1E-05	.960
3	1.E-04	.00022	1.059	.124	7.1E-02	7.2E-05	.979
4	1.E-05	.00022	1.058	.125	6.6E-02	7.3E-05	.983

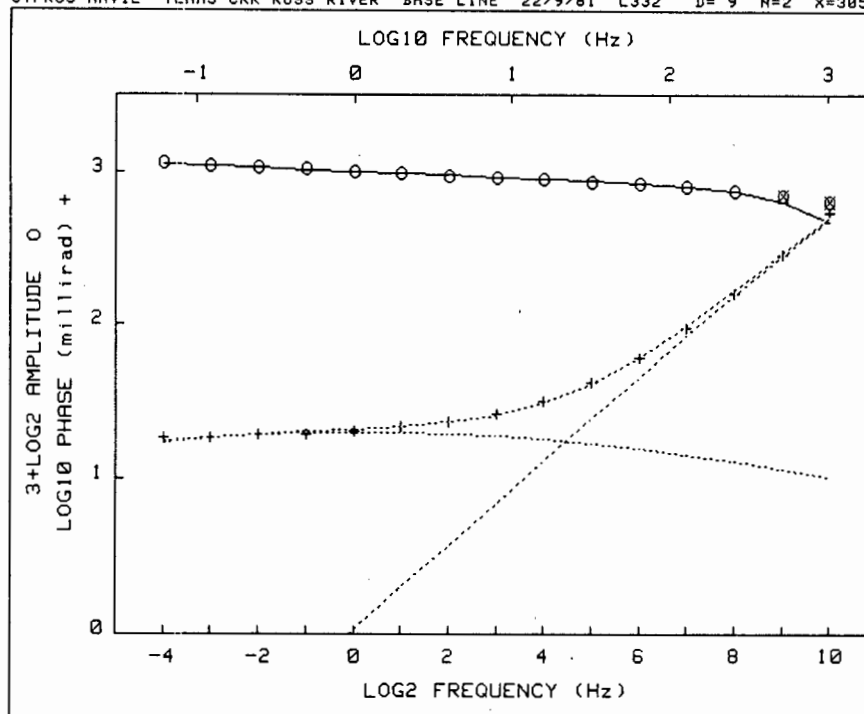
Pct Std Deviations .3 2.4 38.7 3.2 1.6

Correlation Matrix

1.000				
-.217	1.000			
.426	-.824	1.000		
-.138	.345	-.306	1.000	
-.240	.712	-.642	.785	1.000

Apparent Resistivity Measured at 1 Hz is 1718
Apparent Resistivity Calculated from Inductive Coupling is 913.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0763	.0530	20.8	.0	0	543.2	498.9	8.2	.0	1
9	.9752	.9228	5.4	.0	0	254.8	268.7	-5.4	.0	1
8	.9543	.9477	.7	.0	0	134.4	142.7	-6.2	.1	1
7	.9557	.9582	-.3	.0	1	76.1	77.9	-2.4	.0	1
6	.9622	.9648	-.3	.0	1	46.1	45.4	1.5	.7	1
5	.9705	.9706	-.0	.0	1	30.9	29.2	5.3	.0	1
4	.9759	.9763	-.0	.0	1	21.6	21.3	1.3	1.4	1
3	.9820	.9821	-.0	.0	1	18.0	17.4	3.3	.0	1
2	.9871	.9880	-.1	.0	1	15.1	15.4	-2.2	.0	1
1	.9927	.9940	-.1	.0	1	14.1	14.3	-1.6	.0	1
0	1.0000	.9999	.0	.0	1	12.8	13.5	-5.8	.0	1
-1	1.0072	1.0057	.2	.0	1	12.7	12.8	-1.2	.0	1
-2	1.0128	1.0113	.2	.0	1	12.2	12.1	.6	.0	1
-3	1.0188	1.0166	.2	.0	1	11.2	11.3	-1.2	.0	1
-4	1.0243	1.0215	.3	.0	1	11.0	10.5	4.7	.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.01651	1.058	.125	6.6E-02	7.3E-05	.983
1	1.E-02	.00030	1.005	.189	8.0E-02	6.9E-05	.921
2	1.E-03	.00013	1.098	.182	1.4E-01	6.6E-05	.902
3	1.E-04	.00012	1.102	.180	1.9E-01	6.6E-05	.892
4	1.E-05	.00012	1.102	.180	2.0E-01	6.6E-05	.890

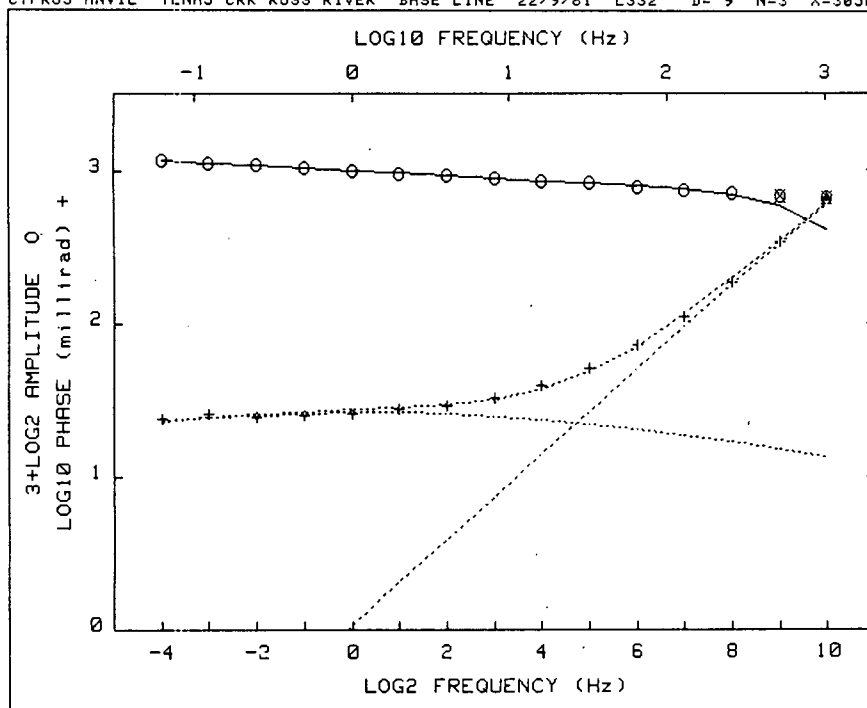
Pct Std Deviations .3 1.3 27.8 2.5 1.3

Correlation Matrix

1.000				
-.229	1.000			
.600	-.665	1.000		
-.239	.294	-.300	1.000	
-.420	.690	-.656	.754	1.000

Apparent Resistivity Measured at 1 Hz is 5119
Apparent Resistivity Calculated from Inductive Coupling is 1926

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8660	.7893	8.9	.0	0	524.7	496.7	5.3	.0	1
9	.8923	.8694	2.6	.0	0	282.1	288.5	-2.3	.1	1
8	.9120	.9093	.3	.0	1	158.3	165.4	-4.5	.1	1
7	.9279	.9307	-.3	.0	1	94.6	97.0	-2.5	.0	1
6	.9413	.9443	-.3	.0	1	60.4	60.1	.5	.5	1
5	.9535	.9547	-.1	.0	1	41.8	40.6	2.8	.0	1
4	.9639	.9639	-.0	.0	1	31.5	30.6	2.9	.3	1
3	.9724	.9728	-.0	.0	1	26.1	25.5	2.2	.0	1
2	.9804	.9817	-.1	.0	1	23.0	23.0	.1	.0	1
1	.9894	.9906	-.1	.0	1	21.5	21.6	-.7	.0	1
0	1.0000	.9997	.0	.0	1	20.0	20.8	-4.0	.0	1
-1	1.0101	1.0087	.1	.0	1	19.3	20.1	-4.1	.0	1
-2	1.0187	1.0176	.1	.0	1	19.0	19.3	-1.7	.0	1
-3	1.0271	1.0262	.1	.0	1	18.5	18.4	.5	.0	1
-4	1.0381	1.0344	.4	.0	1	18.2	17.3	4.7	.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	C2
0	1.E-02	.00745	1.102	.180	2.0E-01	6.6E-05	.898
1	1.E-02	.00028	1.134	.236	2.1E-01	7.9E-05	.914
2	1.E-03	.00023	1.141	.235	2.4E-01	7.8E-05	.918
3	1.E-04	.00022	1.142	.234	2.5E-01	7.8E-05	.916

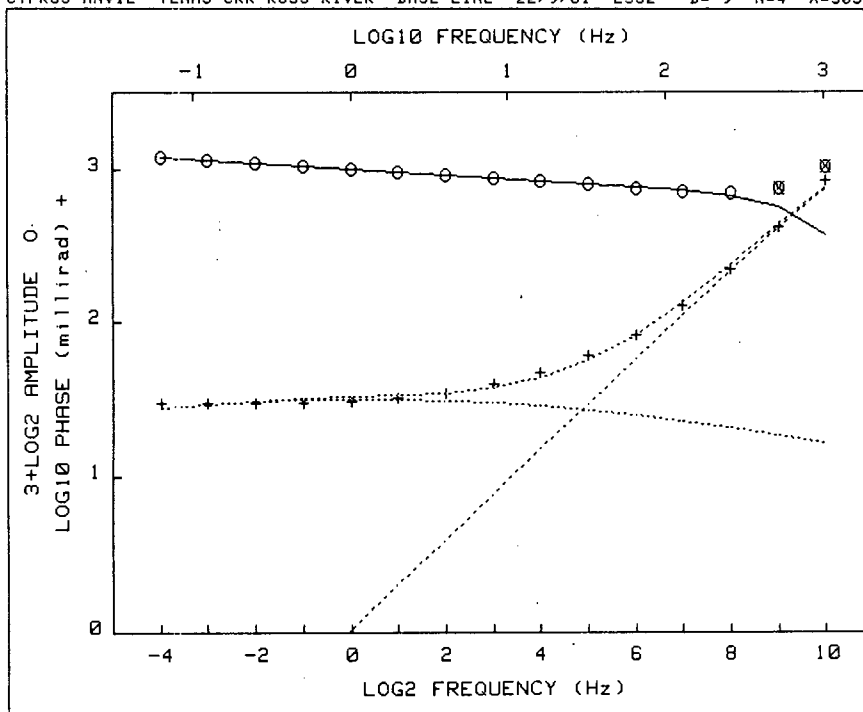
Pct Std Deviations .5 1.5 36.6 3.2 1.8

Correlation Matrix

1.000				
-.163	1.000			
.756	-.575	1.000		
-.261	.221	-.281	1.000	
-.448	.642	-.639	.725	1.000

Apparent Resistivity Measured at 1 Hz is 4221
Apparent Resistivity Calculated from Inductive Coupling is 3338

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8812	.7618	13.5	.0	0	653.2	608.8	6.8	.0	1
9	.8866	.8501	4.1	.0	0	340.0	349.2	-2.7	.0	1
8	.8982	.8930	.6	.0	1	185.8	197.4	-6.3	.1	1
7	.9123	.9156	-.4	.0	1	110.5	114.7	-3.8	.0	1
6	.9264	.9304	-.4	.0	1	72.1	71.2	1.3	.4	1
5	.9411	.9425	-.2	.0	1	51.1	48.8	4.4	.0	1
4	.9535	.9537	-.0	.0	1	39.5	37.6	4.7	.0	1
3	.9655	.9649	.1	.0	1	33.1	32.2	2.7	.0	1
2	.9761	.9764	-.0	.0	1	29.4	29.6	-.8	.0	1
1	.9871	.9882	-.1	.0	1	27.7	28.4	-2.4	.0	1
0	1.0000	1.0002	-.0	.0	1	26.1	27.6	-5.7	.0	1
-1	1.0132	1.0123	.1	.0	1	25.7	26.8	-4.4	.0	1
-2	1.0256	1.0243	.1	.0	1	25.1	25.9	-3.3	.4	1
-3	1.0367	1.0360	.1	.0	1	26.0	24.8	4.6	.0	1
-4	1.0496	1.0473	.2	.0	1	24.4	23.4	3.9	2.0	1



CRL: Number of dispersions= 2
 C1=.25 M2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	C2
0	1.E-02	.00392	1.142	.234	2.5E-01	7.0E-05	.916
1	1.E-02	.00042	1.167	.273	2.6E-01	9.6E-05	.943
2	1.E-03	.00040	1.169	.273	2.6E-01	9.6E-05	.948
3	1.E-04	.00040	1.169	.273	2.6E-01	9.6E-05	.948

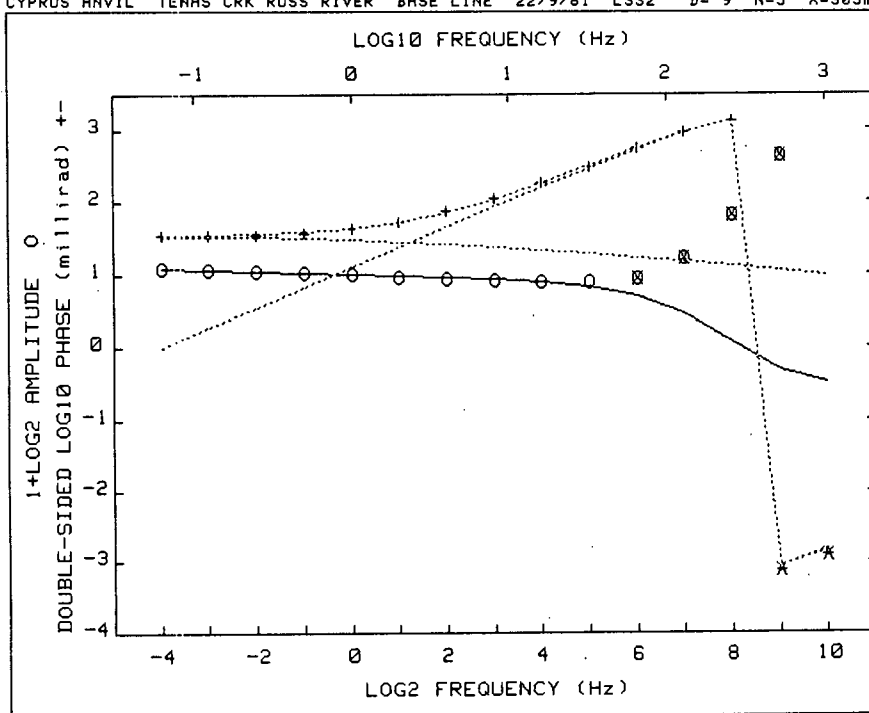
Pct Std Deviations .8 1.9 49.4 4.0 2.3

Correlation Matrix

1.000				
-.136	1.000			
.788	-.543	1.000		
-.264	.155	-.252	1.000	
-.456	.616	-.623	.684	1.000

Apparent Resistivity Measured at 1 Hz is 2094
 Apparent Resistivity Calculated from Inductive Coupling is 4974

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0046	.7392	26.4	.0	0	821.4	752.5	8.4	.0	1
9	.9090	.8374	7.9	.0	0	489.7	425.6	-3.9	.0	1
8	.8938	.8826	1.2	.0	1	219.6	235.6	-7.3	.0	1
7	.9010	.9052	-.5	.0	1	128.5	134.2	-4.4	.0	1
6	.9143	.9201	-.6	.0	1	82.6	82.2	.5	.4	1
5	.9304	.9329	-.3	.0	1	59.8	56.1	6.1	.0	1
4	.9453	.9454	-.0	.0	1	47.0	43.5	7.5	.2	1
3	.9597	.9583	.1	.0	1	39.3	37.6	4.5	.3	1
2	.9726	.9718	.1	.0	1	34.3	34.8	-1.5	.0	1
1	.9859	.9857	.0	.0	1	31.9	33.5	-5.0	.0	1
0	1.0000	.9999	.0	.1	1	30.4	32.6	-7.4	.0	1
-1	1.0142	1.0143	-.0	.0	1	29.9	31.8	-6.3	.0	1
-2	1.0277	1.0286	-.1	.0	1	30.0	30.7	-2.4	.3	1
-3	1.0414	1.0425	-.1	.0	1	30.2	29.3	2.8	1.0	1
-4	1.0569	1.0560	.1	.0	1	29.9	27.7	7.4	.3	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00294	1.217	.310	3.5E-01	1.2E-03	.909
1	1.E-02	.00045	1.208	.302	4.0E-01	1.0E-03	.943
2	1.E-03	.00034	1.224	.289	9.7E-01	1.0E-03	.924
3	1.E-04	.00030	1.256	.284	3.0E+00	1.0E-03	.903
4	1.E-05	.00025	1.273	.293	5.6E+00	9.8E-04	.897
5	1.E-06	.00025	1.275	.294	5.7E+00	9.8E-04	.897

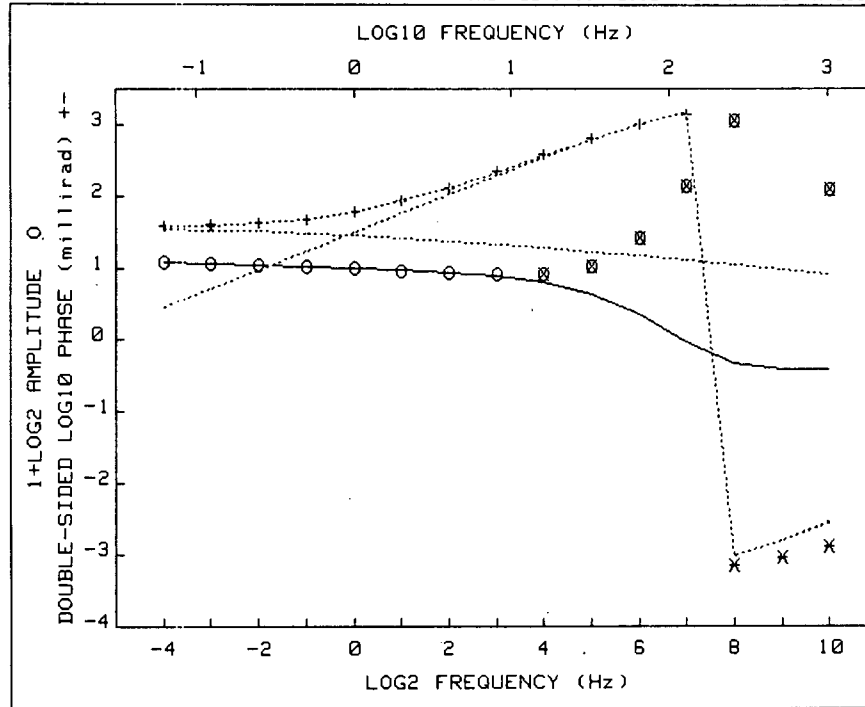
Pct Std Deviations 2.3 2.7 129.4 3.4 1.9

Correlation Matrix

1.000					
.846	1.000				
.972	.755	1.000			
-.689	-.639	-.654	1.000		
-.732	-.402	-.775	.706	1.000	

Apparent Resistivity Measured at 1 Hz is 687.2
Apparent Resistivity Calculated from Inductive Coupling is 574.7

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	5.9736	.3556	94.0	.0	0	-839.9	-697.1	17.0	.0	0
9	3.1167	.4037	87.0	.0	0	-1368.3	-1170.1	14.5	.0	0
8	1.7544	.5233	70.2	.0	0	1348.5	1417.4	-5.1	.0	1
7	1.1663	.5864	41.1	.0	0	920.4	919.2	.1	.0	1
6	.9688	.8178	15.6	.0	0	552.4	550.2	.4	.1	1
5	.9282	.8934	3.7	.1	1	314.7	316.6	-.6	.1	1
4	.9352	.9336	.2	.0	1	185.4	183.0	1.3	.2	1
3	.9514	.9576	-.7	.0	1	114.1	110.4	3.2	.2	1
2	.9681	.9752	-.7	.0	1	74.5	72.3	2.9	.1	1
1	.9837	.9904	-.7	.0	1	54.0	52.8	2.1	.0	1
0	1.0000	1.0052	-.5	.0	1	43.4	43.3	.2	.2	1
-1	1.0161	1.0202	-.4	.0	1	38.6	38.9	-.7	.3	1
-2	1.0315	1.0358	-.4	.0	1	36.5	36.9	-1.2	1.5	1
-3	1.0478	1.0520	-.4	.0	1	35.9	36.1	-.5	1.5	1
-4	1.0667	1.0686	-.2	.1	1	36.0	35.5	1.4	1.1	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00280	1.269	.259	7.5E+00	2.0E-03	.751
1	1.E-02	.00036	1.302	.313	7.5E+00	2.2E-03	.864
2	1.E-03	.00023	1.304	.303	8.6E+00	2.3E-03	.866
3	1.E-04	.00023	1.321	.306	1.4E+01	2.3E-03	.860
4	1.E-05	.00023	1.326	.308	1.5E+01	2.3E-03	.859

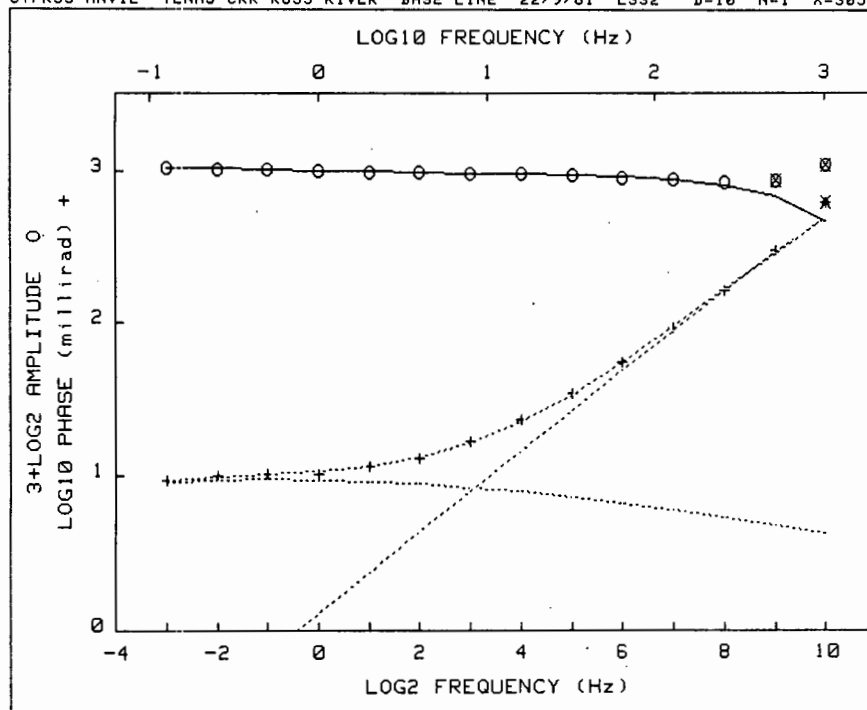
Pct Std Deviations 4.6 5.3 333.9 5.9 2.6

Correlation Matrix

1.000					
.953	1.000				
.990	.916	1.000			
-.906	-.895	-.888	1.000		
-.856	-.716	-.884	.840	1.000	

Apparent Resistivity Measured at 1 Hz is 219.0
Apparent Resistivity Calculated from Inductive Coupling is 298.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.1375	.3720	82.6	.1	0	-804.2	-359.9	55.3	.0	0
9	8.3217	.3707	95.5	.0	0	-1144.2	-637.6	44.3	.0	0
8	4.1477	.3987	90.4	.0	0	-1457.4	-1077.3	26.1	.0	0
7	2.2169	.4907	77.9	.0	0	1387.1	1520.4	-9.6	.0	1
6	1.3467	.6398	52.5	.1	0	1030.1	1015.0	1.5	.1	1
5	1.0247	.7820	23.7	.1	0	657.7	629.6	4.3	.2	1
4	.9475	.8771	7.4	.0	0	387.7	374.3	3.5	.4	1
3	.9488	.9322	1.7	.1	1	222.8	221.2	.7	.4	1
2	.9611	.9655	-.5	.1	1	131.4	134.6	-2.5	.3	1
1	.9802	.9884	-.8	.1	1	86.8	87.3	-.6	.6	1
0	1.0000	1.0070	-.7	.1	1	62.6	62.3	.5	.9	1
-1	1.0220	1.0239	-.2	.1	1	48.8	49.4	-1.3	1.9	1
-2	1.0425	1.0406	.2	.1	1	43.1	43.1	-.0	3.5	1
-3	1.0578	1.0577	.0	.2	1	40.8	40.2	1.5	3.1	1
-4	1.0779	1.0753	.2	.2	1	39.2	38.8	1.0	4.2	1



CRL: Number of dispersions= 2
 C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00000	1.054	.090	3.7E-01	7.3E-05	.871
1	1.E-02	.00000	1.054	.090	3.7E-01	7.3E-05	.871

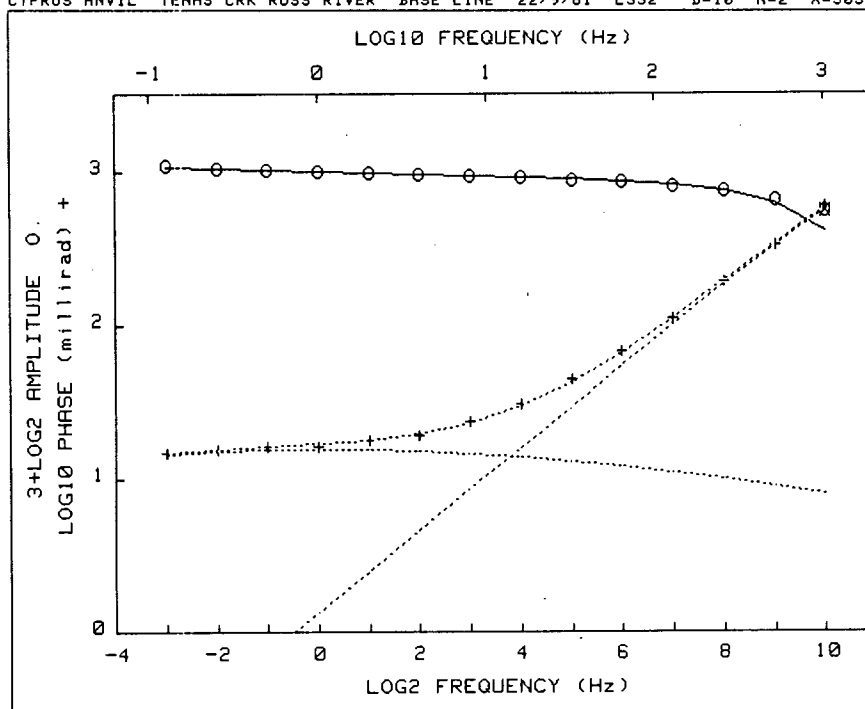
Pct Std Deviations .3 1.2 41.0 2.6 1.2

Correlation Matrix

1.000					
-.145	1.000				
.721	-.417	1.000			
-.363	.436	-.475	1.000		
-.515	.635	-.716	.870	1.000	

Apparent Resistivity Measured at 1 Hz is 825.7
 Apparent Resistivity Calculated from Inductive Coupling is 610.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0211	.7923	22.4	.0	0	607.8	481.3	20.8	.0	0
9	.9520	.8858	7.0	.0	0	294.8	286.4	2.8	.1	1
8	.9461	.9325	1.4	.0	1	160.2	164.8	-2.9	.1	1
7	.9558	.9558	.0	.0	1	92.2	94.5	-2.5	.0	1
6	.9665	.9685	-.2	.0	1	55.5	55.3	.4	.0	1
5	.9745	.9765	-.2	.0	1	34.1	33.9	.6	.6	1
4	.9813	.9823	-.1	.0	1	23.0	22.4	2.6	.0	1
3	.9848	.9873	-.2	.0	1	16.8	16.3	2.9	.0	1
2	.9893	.9918	-.3	.0	1	13.0	13.1	-1.1	.8	1
1	.9937	.9963	-.3	.0	1	11.4	11.5	-1.0	.0	1
0	1.0000	1.0006	-.1	.0	1	10.3	10.6	-3.3	.0	1
-1	1.0046	1.0050	-.0	.0	1	10.2	10.1	.8	.0	1
-2	1.0068	1.0094	-.3	.0	1	9.9	9.7	1.8	.0	1
-3	1.0156	1.0136	.2	.0	1	9.3	9.3	-.3	.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

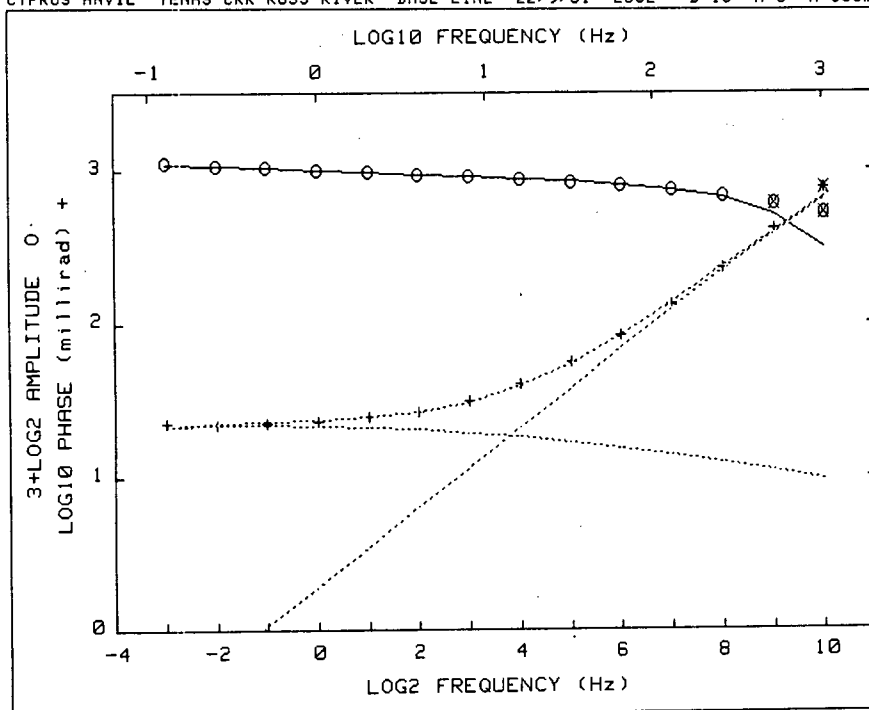
Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00032	1.076	.157	5.9E-02	8.4E-05	.932
1	1.E-02	.00018	1.072	.152	6.6E-02	8.4E-05	.907
2	1.E-03	.00014	1.076	.147	1.2E-01	8.4E-05	.896
3	1.E-04	.00012	1.080	.145	1.9E-01	8.4E-05	.886
4	1.E-05	.00012	1.081	.145	2.1E-01	8.3E-05	.884
5	1.E-06	.00012	1.081	.145	2.1E-01	8.3E-05	.884

Pct Std Deviations .4 1.4 39.4 2.2 1.1

Correlation Matrix	1.000				
	-.267	1.000			
	.768	-.580	1.000		
	-.233	.205	-.228	1.000	
	-.523	.657	-.649	.694	1.000

Apparent Resistivity Measured at 1 Hz is 2090
Apparent Resistivity Calculated from Inductive Coupling is 1479

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8313	.7564	9.0	.0	0	584.2	564.8	3.3	.0	1
9	.8756	.8588	1.9	.0	1	326.9	335.3	-2.6	.0	1
8	.9094	.9106	-.1	.0	1	187.9	192.8	-2.6	.1	1
7	.9312	.9368	-.6	.0	1	110.0	111.3	-1.2	.0	1
6	.9481	.9518	-.4	.0	1	67.6	66.6	1.6	.3	1
5	.9591	.9620	-.3	.0	1	44.2	42.5	3.9	.0	1
4	.9683	.9703	-.2	.0	1	30.8	29.8	3.3	1.0	1
3	.9766	.9779	-.1	.0	1	23.6	23.2	1.8	1.3	1
2	.9834	.9851	-.2	.0	1	19.1	19.8	-3.5	.5	1
1	.9912	.9924	-.1	.0	1	17.9	18.0	-.4	.6	1
0	1.0000	.9996	.0	.0	1	16.3	16.9	-3.9	.0	1
-1	1.0063	1.0067	-.0	.0	1	16.2	16.2	.1	.0	1
-2	1.0118	1.0138	-.2	.0	1	15.6	15.5	.7	.6	1
-3	1.0238	1.0206	.3	.0	1	15.0	14.7	1.8	.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00013	1.121	.202	3.0E-01	1.0E-04	.891
1	1.E-02	.00009	1.121	.200	3.1E-01	9.5E-05	.869
2	1.E-03	.00009	1.125	.199	3.9E-01	9.3E-05	.861
3	1.E-04	.00008	1.128	.199	5.0E-01	9.2E-05	.854
4	1.E-05	.00008	1.129	.199	5.3E-01	9.2E-05	.853

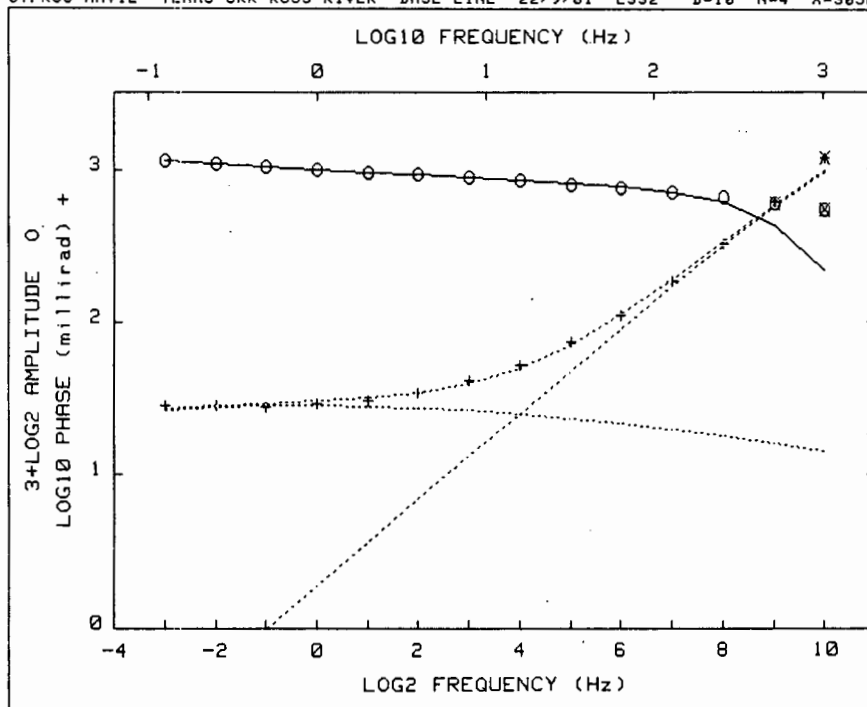
Pct Std Deviations .5 1.0 35.6 2.6 1.3

Correlation Matrix

1.000					
.844	1.000				
.885	-.210	1.000			
-.411	.251	-.439	1.000		
-.600	.585	-.706	.820	1.000	

Apparent Resistivity Measured at 1 Hz is 4683
Apparent Resistivity Calculated from Inductive Coupling is 2223

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8223	.7012	14.7	.0	0	745.4	645.8	13.4	.0	0
9	.8554	.8142	4.8	.0	0	405.5	394.2	2.8	.1	1
8	.8877	.8781	1.1	.0	1	229.0	233.1	-1.8	.1	1
7	.9109	.9138	-.2	.0	1	134.1	138.0	-2.9	.0	1
6	.9302	.9337	-.4	.0	1	83.2	84.4	-1.4	.0	1
5	.9451	.9479	-.3	.0	1	56.0	55.0	1.9	.5	1
4	.9586	.9593	-.1	.1	1	40.8	39.2	3.9	1.0	1
3	.9682	.9695	-.1	.0	1	31.6	31.0	1.9	.0	1
2	.9785	.9794	-.1	.0	1	26.5	26.8	-1.3	.8	1
1	.9879	.9893	-.1	.0	1	24.6	24.8	-.8	.4	1
0	1.0000	.9993	.1	.0	1	23.2	23.7	-2.3	.0	1
-1	1.0095	1.0095	.0	.0	1	22.8	23.1	-1.2	.0	1
-2	1.0183	1.0197	-.1	.0	1	22.1	22.5	-1.7	.0	1
-3	1.0328	1.0298	.3	.0	1	22.5	21.7	3.4	.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	C2
0	1.E-02	.00983	1.129	.199	5.3E-01	9.2E-05	.853
1	1.E-02	.00027	1.162	.247	5.2E-01	1.4E-04	.891
2	1.E-03	.00021	1.163	.248	4.2E-01	1.4E-04	.910
3	1.E-04	.00020	1.158	.249	3.3E-01	1.5E-04	.916
4	1.E-05	.00020	1.157	.250	3.2E-01	1.5E-04	.918

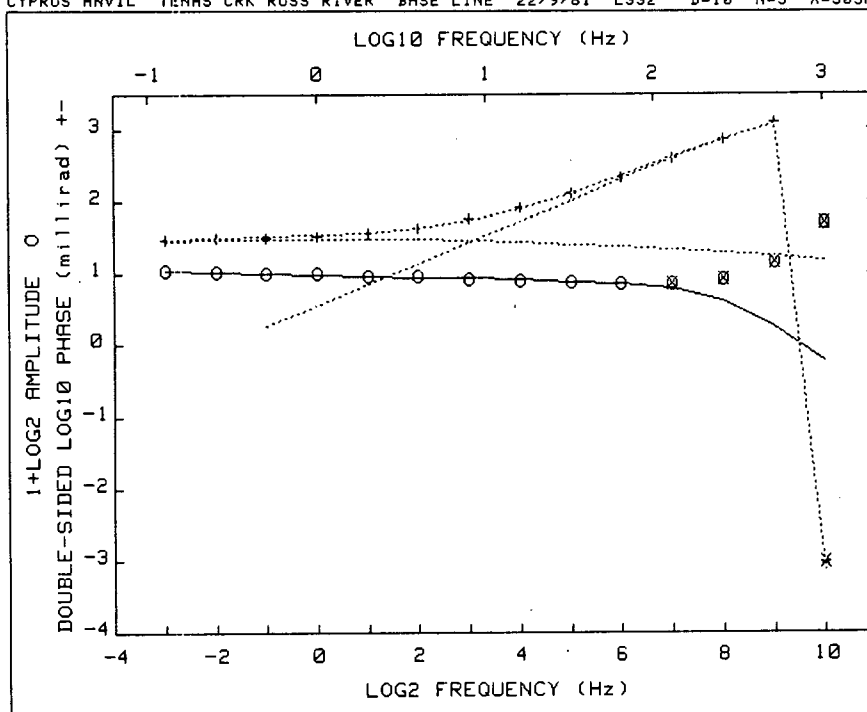
Pct Std Deviations .8 1.6 54.1 3.2 1.8

Correlation Matrix

1.000				
-.179	1.000			
.884	-.462	1.000		
-.337	.184	-.311	1.000	
-.582	.616	-.670	.715	1.000

Apparent Resistivity Measured at 1 Hz is 3313
Apparent Resistivity Calculated from Inductive Coupling is 2948

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8297	.6380	24.1	.0	0	1159.7	973.0	16.1	.0	0
9	.8534	.7766	9.0	.0	0	685.8	587.9	3.0	.0	1
8	.8769	.8589	2.1	.0	1	325.6	335.8	-3.1	.1	1
7	.8964	.8992	-.3	.0	1	184.0	190.6	-3.6	.0	1
6	.9153	.9213	-.7	.0	1	111.4	112.1	-.6	.0	1
5	.9324	.9367	-.5	.1	1	73.7	71.0	3.6	.0	1
4	.9473	.9497	-.3	.0	1	52.7	50.0	5.1	.0	1
3	.9616	.9621	-.1	.0	1	41.1	39.5	3.8	.7	1
2	.9744	.9745	-.0	.0	1	34.2	34.4	-.5	.3	1
1	.9866	.9872	-.1	.0	1	30.8	31.8	-3.3	.3	1
0	1.0000	1.0002	-.0	.0	1	29.3	30.4	-3.7	.3	1
-1	1.0114	1.0133	-.2	.0	1	28.0	29.3	-4.8	.4	1
-2	1.0237	1.0263	-.3	.0	1	28.6	28.3	1.0	.5	1
-3	1.0412	1.0391	.2	.0	1	28.4	27.1	4.6	.8	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00382	1.130	.289	2.2E-02	4.9E-04	.968
1	1.E-02	.00047	1.138	.320	2.5E-02	3.6E-04	1.000
2	1.E-03	.00027	1.140	.289	6.8E-02	3.7E-04	.990
3	1.E-04	.00020	1.164	.270	2.3E-01	3.7E-04	.964
4	1.E-05	.00016	1.173	.272	3.3E-01	3.7E-04	.957
5	1.E-06	.00016	1.174	.272	3.5E-01	3.7E-04	.956

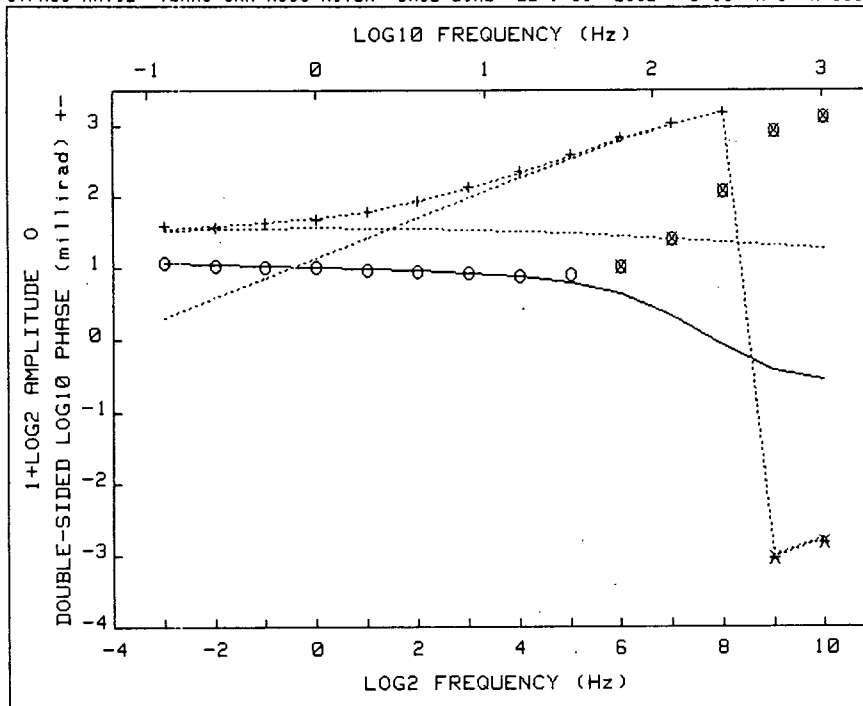
Pct Std Deviations .8 1.7 59.3 2.1 1.4

Correlation Matrix

1.000				
-.393	1.000			
.899	-.661	1.000		
-.220	-.010	-.154	1.000	
-.579	.706	-.690	.470	1.000

Apparent Resistivity Measured at 1 Hz is 1517
Apparent Resistivity Calculated from Inductive Coupling is 1860

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.6225	.4280	73.6	.0	0	-1065.5	-1393.2	-30.8	.0	0
9	1.1209	.5975	46.7	.0	0	1272.1	1195.6	6.0	.0	1
8	.9459	.7649	19.1	.0	0	717.2	727.8	-1.5	.0	1
7	.9046	.8613	4.8	.0	0	392.3	409.6	-4.4	.1	1
6	.9085	.9049	.4	.1	1	219.3	226.9	-3.5	.0	1
5	.9225	.9272	-.5	.1	1	130.4	130.3	.1	.0	1
4	.9385	.9427	-.4	.1	1	84.4	81.1	4.0	.8	1
3	.9557	.9565	-.1	.0	1	58.8	56.4	4.0	.7	1
2	.9707	.9702	.0	.0	1	44.5	44.3	.5	.4	1
1	.9846	.9841	.1	.0	1	37.6	38.3	-1.8	.0	1
0	1.0000	.9984	.2	.0	1	34.0	35.1	-3.4	.0	1
-1	1.0129	1.0128	.0	.0	1	32.1	33.2	-3.6	.3	1
-2	1.0270	1.0272	-.0	.0	1	31.7	31.7	-.1	1.3	1
-3	1.0453	1.0414	.4	.1	1	31.3	30.2	3.4	1.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.01468	1.170	.272	3.5E-01	8.7E-04	.956
1	1.E-01	.00112	1.212	.309	3.5E-01	1.2E-03	.902
2	1.E+01	.00105	1.215	.309	3.5E-01	1.2E-03	.906
3	1.E+01	.00102	1.217	.310	3.5E-01	1.2E-03	.909
4	1.E+02	.00101	1.217	.310	3.5E-01	1.2E-03	.909

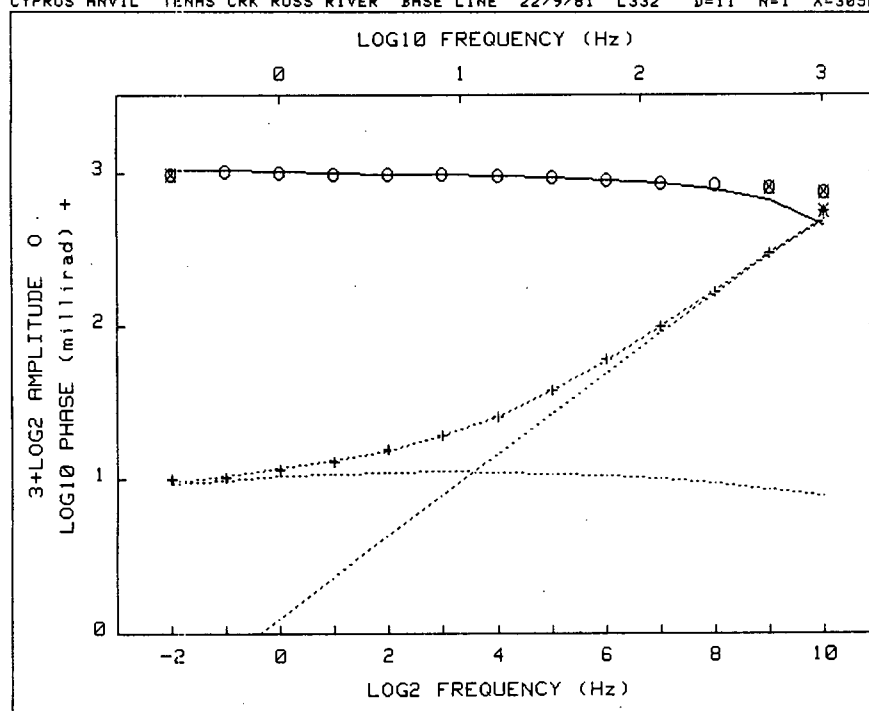
Pct Std Deviations 3.5 9.7 658.3 5.5 3.9

Correlation Matrix

	1.000				
	-.748	1.000			
	.950	-.889	1.000		
	.024	-.310	.143	1.000	
	-.700	.822	-.761	.064	1.000

Apparent Resistivity Measured at 1 Hz is 487.7
Apparent Resistivity Calculated from Inductive Coupling is 679.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	4.3257	.3382	92.2	.0	0	-699.8	-602.7	13.9	.0	0
9	3.8024	.3727	90.2	.0	0	-1136.7	-1031.0	9.3	.0	0
8	2.1127	.4744	77.5	.0	0	1542.2	1567.6	-1.6	.0	1
7	1.3118	.6359	51.5	.0	0	1099.8	1045.4	5.0	.0	1
6	1.0076	.7825	22.3	.2	0	688.9	637.3	7.5	.2	1
5	.9276	.8717	6.0	.2	1	398.2	370.1	7.1	.2	1
4	.9254	.9197	.6	.2	1	231.5	215.4	7.0	.4	1
3	.9459	.9489	-.3	.1	1	140.1	131.3	6.3	1.4	1
2	.9651	.9707	-.6	.1	1	89.1	86.7	2.7	.4	1
1	.9815	.9898	-.8	.0	1	62.5	63.3	-1.3	.3	1
0	1.0000	1.0079	-.8	.1	1	48.8	50.8	-4.2	.7	1
-1	1.0126	1.0256	-1.3	.1	1	42.9	43.9	-2.3	1.0	1
-2	1.0276	1.0429	-1.5	.1	1	38.3	39.6	-3.4	5.2	1
-3	1.0473	1.0597	-1.2	.2	1	39.7	36.5	8.2	3.4	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00012	1.044	.117	1.0E-02	8.1E-05	.912
1	1.E-02	.00010	1.044	.115	1.0E-02	7.7E-05	.896
2	1.E-03	.00009	1.045	.113	1.3E-02	7.6E-05	.890
3	1.E-04	.00009	1.046	.108	2.0E-02	7.5E-05	.879
4	1.E-05	.00008	1.047	.106	2.4E-02	7.5E-05	.875
5	1.E-06	.00008	1.047	.106	2.5E-02	7.5E-05	.875

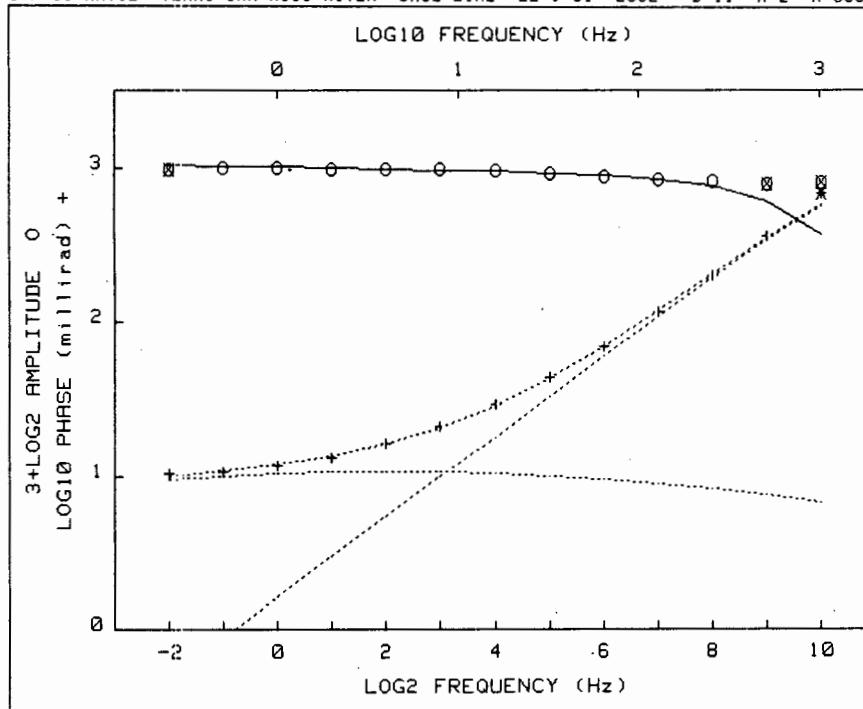
Pct Std Deviations .3 4.6 64.9 2.8 1.6

Correlation Matrix

1.000				
-.550	1.000			
.623	-.957	1.000		
-.304	.489	-.419	1.000	
-.503	.862	-.788	.807	1.000

Apparent Resistivity Measured at 1 Hz is 1125
Apparent Resistivity Calculated from Inductive Coupling is 608.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9139	.7846	14.2	.0	0	556.2	494.0	11.2	.0	0
9	.9280	.8791	5.3	.0	0	297.1	294.4	.9	.0	1
8	.9417	.9269	1.6	.1	1	166.6	170.4	-2.3	.1	1
7	.9524	.9513	.1	.1	1	98.0	98.9	-.9	.2	1
6	.9646	.9654	-.1	.1	1	60.1	59.1	1.6	.3	1
5	.9748	.9749	-.0	.1	1	37.8	37.4	1.1	.5	1
4	.9841	.9822	.2	.0	1	25.6	25.5	.3	.8	1
3	.9900	.9884	.2	.1	1	19.4	19.0	2.1	.5	1
2	.9917	.9941	-.2	.1	1	15.4	15.3	.6	.0	1
1	.9934	.9994	-.6	.0	1	13.0	13.1	-.8	.0	1
0	1.0000	1.0044	-.4	.0	1	11.4	11.6	-2.1	.0	1
-1	1.0021	1.0091	-.7	.0	1	10.3	10.5	-2.2	1.9	1
-2	.9930	1.0134	-2.1	.1	0	9.9	9.6	3.2	.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchs	R0	M1	T1	T2	C2
0	1.E-02	.00196	1.047	.106	2.5E-02	7.5E-05	.875
1	1.E-02	.00015	1.047	.108	2.5E-02	9.2E-05	.872
2	1.E-03	.00014	1.048	.107	2.9E-02	9.3E-05	.877
3	1.E-04	.00014	1.049	.104	4.3E-02	9.3E-05	.870
4	1.E-05	.00014	1.050	.103	5.1E-02	9.2E-05	.866

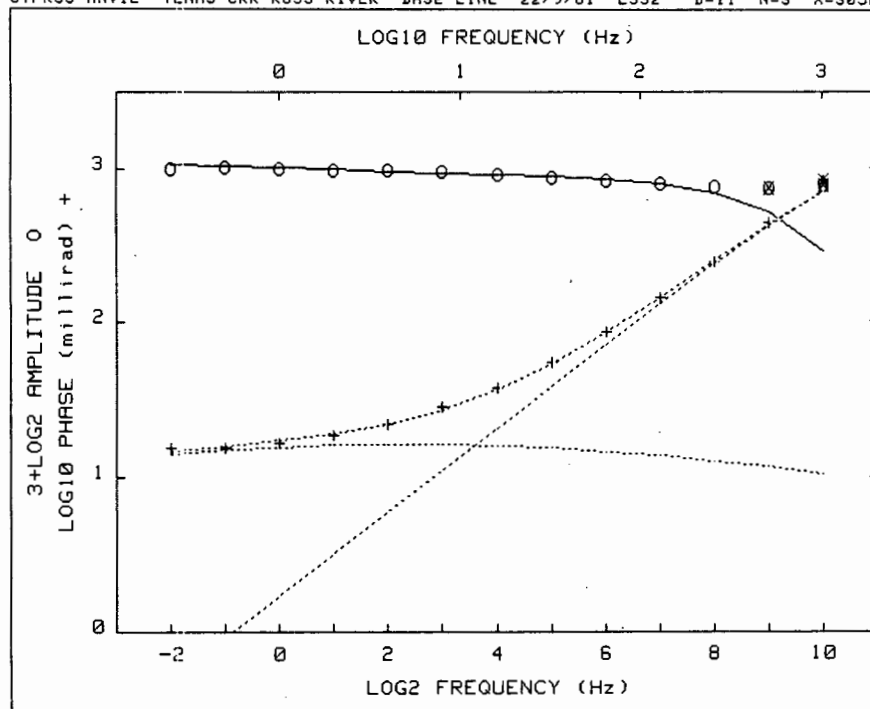
Pct Std Deviations .4 5.0 91.6 3.1 1.8

Correlation Matrix

	1.000				
	-.591	1.000			
	.687	-.938	1.000		
	-.283	.418	-.345	1.000	
	-.544	.854	-.769	.758	1.000

Apparent Resistivity Measured at 1 Hz is 472.8
Apparent Resistivity Calculated from Inductive Coupling is 1247

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9322	.7397	20.6	.0	0	661.3	567.9	14.1	.0	0
9	.9240	.8543	7.5	.0	0	352.5	346.6	1.7	.0	1
8	.9347	.9149	2.1	.1	1	197.1	202.7	-2.8	.0	1
7	.9456	.9456	-.0	.1	1	115.9	117.6	-1.5	.0	1
6	.9590	.9626	-.4	.0	1	69.9	69.6	.5	.3	1
5	.9715	.9733	-.2	.0	1	43.8	43.0	1.8	.0	1
4	.9817	.9811	.1	.0	1	29.2	28.5	2.4	1.4	1
3	.9891	.9875	.2	.0	1	21.2	20.6	3.0	.0	1
2	.9919	.9933	-.1	.1	1	16.2	16.2	.2	.6	1
1	.9930	.9986	-.6	.0	1	13.3	13.6	-2.6	.0	1
0	1.0000	1.0037	-.4	.0	1	11.8	12.1	-2.3	.0	1
-1	1.0008	1.0085	-.8	.0	1	10.8	11.0	-1.4	.0	1
-2	.9930	1.0130	-2.0	.1	0	10.4	10.0	3.4	1.9	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.01109	1.064	.095	1.0E+00	8.5E-05	.811
1	1.E-02	.00052	1.091	.139	9.4E-01	1.1E-04	.817
2	1.E-03	.00038	1.092	.139	5.2E-01	1.1E-04	.839
3	1.E-04	.00035	1.075	.139	1.1E-01	1.1E-04	.867
4	1.E-05	.00027	1.072	.149	5.5E-02	1.1E-04	.883
5	1.E-06	.00027	1.072	.151	4.7E-02	1.2E-04	.889

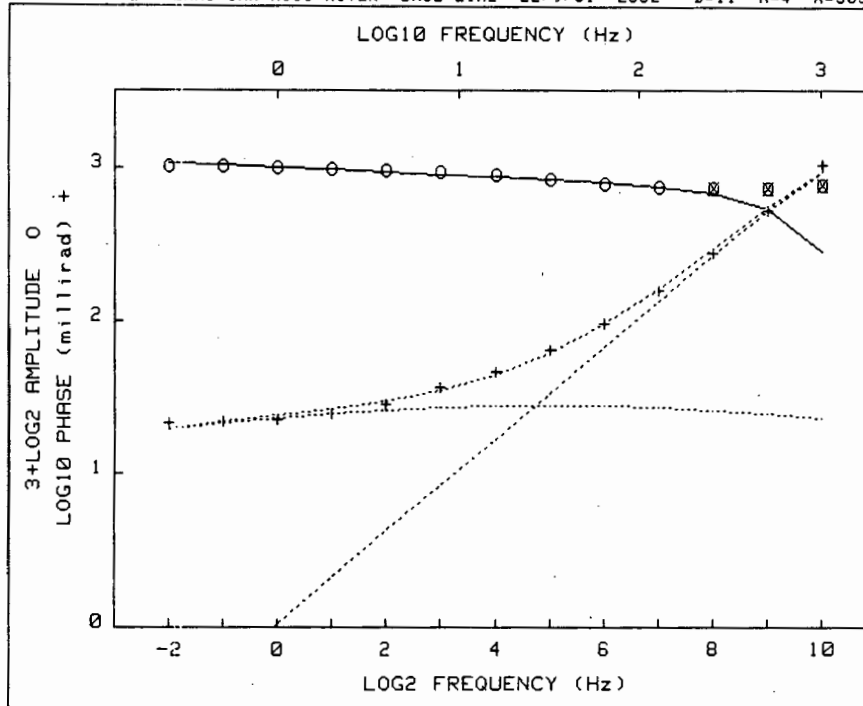
Pct Std Deviations .6 5.5 123.5 3.9 2.4

Correlation Matrix

1.000					
-.643	1.000				
.794	-.913	1.000			
-.246	.305	-.248	1.000		
-.594	.834	-.746	.684	1.000	

Apparent Resistivity Measured at 1 Hz is 968.0
Apparent Resistivity Calculated from Inductive Coupling is 2048

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9256	.6871	25.8	.0	0	830.7	706.7	14.9	.0	0
9	.9090	.8208	9.7	.0	0	439.1	431.5	1.7	.1	1
8	.9174	.8925	2.7	.1	1	242.5	250.7	-3.4	.1	1
7	.9293	.9284	-.1	.1	1	141.6	144.7	-2.2	.1	1
6	.9448	.9481	-.4	.0	1	86.1	85.7	.4	.2	1
5	.9601	.9610	-.1	.0	1	55.5	53.7	3.2	.4	1
4	.9732	.9710	.2	.0	1	38.2	36.6	4.3	.5	1
3	.9839	.9798	.4	.1	1	28.4	27.3	3.8	.7	1
2	.9882	.9879	.0	.1	1	22.3	22.3	.2	.4	1
1	.9919	.9956	-.4	.0	1	18.6	19.3	-3.9	.5	1
0	1.0000	1.0030	-.3	.1	1	16.8	17.4	-3.6	.0	1
-1	1.0040	1.0102	-.6	.0	1	15.6	16.0	-2.4	.0	1
-2	.9987	1.0169	-1.8	.1	1	15.6	14.7	5.6	1.4	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00083	1.072	.151	4.7E-02	1.2E-04	.089
1	1.E-02	.00061	1.090	.215	4.4E-02	1.4E-04	.936
2	1.E-03	.00047	1.092	.221	2.7E-02	1.4E-04	.956
3	1.E-04	.00043	1.086	.234	1.2E-02	1.4E-04	.975
4	1.E-05	.00043	1.085	.243	9.3E-03	1.4E-04	.983
5	1.E-06	.00042	1.084	.245	8.6E-03	1.4E-04	.986

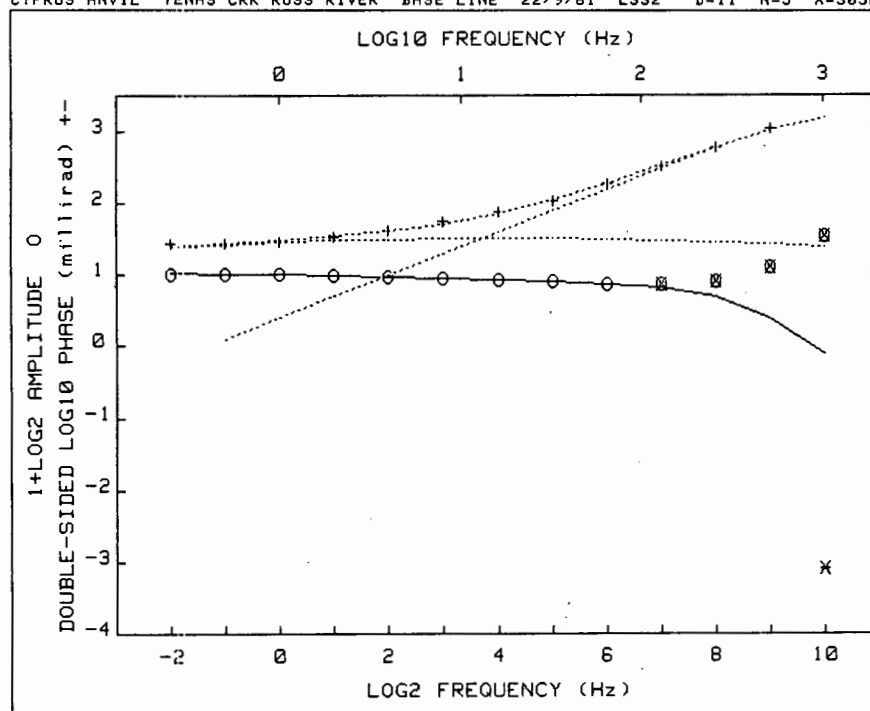
Pct Std Deviations .7 8.4 116.9 3.6 2.6

Correlation Matrix

1.000				
-.546	1.000			
.660	-.962	1.000		
.034	-.164	.164	1.000	
-.413	.768	-.698	.305	1.000

Apparent Resistivity Measured at 1 Hz is 1848
Apparent Resistivity Calculated from Inductive Coupling is 3886

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9164	.6816	25.6	.0	0	1012.2	931.9	7.9	.0	1
9	.9047	.8244	8.9	.0	0	516.5	536.2	-3.8	.0	1
8	.9056	.8073	2.0	.1	0	274.9	292.4	-6.3	.0	1
7	.9118	.9137	-.2	.1	1	157.0	161.7	-3.0	.4	1
6	.9266	.9292	-.3	.0	1	96.9	95.1	1.8	.5	1
5	.9449	.9420	.3	.1	1	64.1	61.6	3.9	.5	1
4	.9612	.9542	.7	.1	1	46.9	44.5	5.1	1.1	1
3	.9751	.9661	.9	.1	1	36.8	35.4	3.7	1.1	1
2	.9823	.9777	.5	.1	1	28.9	30.2	-4.6	.3	1
1	.9888	.9890	-.0	.0	1	25.1	26.8	-6.7	.0	1
0	1.0000	.9996	.0	.1	1	22.8	24.2	-5.9	.0	1
-1	1.0055	1.0096	-.4	.1	1	21.9	21.9	.1	.5	1
-2	1.0031	1.0108	-1.6	.1	1	21.5	19.8	8.1	.9	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.02158	1.210	.287	8.9E-01	5.1E-04	.901
1	1.E-02	.00065	1.160	.237	8.4E-01	3.0E-04	.888
2	1.E-03	.00049	1.153	.238	4.3E-01	3.1E-04	.913
3	1.E-04	.00048	1.120	.243	6.6E-02	3.1E-04	.946
4	1.E-05	.00032	1.117	.269	2.8E-02	3.1E-04	.965
5	1.E-06	.00031	1.116	.277	2.2E-02	3.1E-04	.973
6	1.E-07	.00031	1.115	.278	2.1E-02	3.1E-04	.974

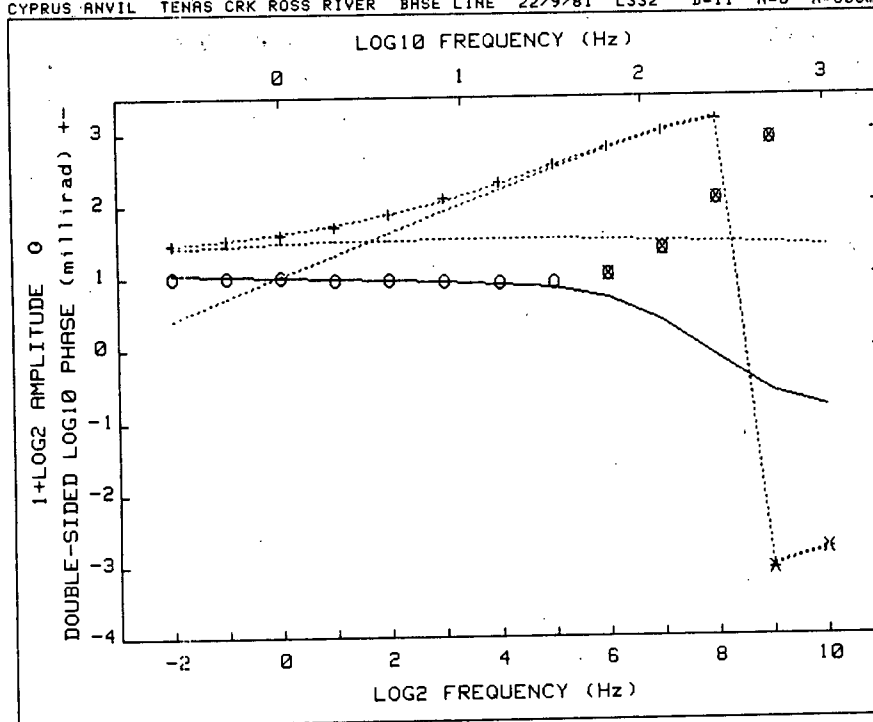
Pct Std Deviations .8 7.9 131.0 3.1 2.4

Correlation Matrix

1.000				
-.695	1.000			
.812	-.961	1.000		
.118	-.267	.250	1.000	
-.528	.793	-.719	.169	1.000

Apparent Resistivity Measured at 1 Hz is 1203
Apparent Resistivity Calculated from Inductive Coupling is 2486

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.4443	.4621	68.0	.0	0	-1238.2	1562.5	226.2	.0	0
9	1.0658	.6515	38.9	.0	0	1091.9	1031.2	5.6	.0	1
8	.9372	.8030	14.3	.1	0	590.1	605.7	-2.6	.0	1
7	.9057	.8771	3.2	.0	0	320.4	335.1	-4.6	.4	1
6	.9118	.9100	.2	.1	1	183.5	187.0	-1.9	.6	1
5	.9309	.9291	.2	.1	1	110.1	110.7	-.5	.5	1
4	.9502	.9446	.6	.1	1	75.5	71.9	4.8	1.2	1
3	.9660	.9590	.7	.1	1	55.7	52.0	6.6	2.0	1
2	.9774	.9731	.4	.1	1	41.2	41.5	-.7	.5	1
1	.9859	.9869	-.1	.0	1	33.7	35.4	-5.1	.3	1
0	1.0000	1.0002	-.0	.0	1	29.9	31.4	-5.1	.3	1
-1	1.0004	1.0129	-.4	.1	1	26.2	28.4	-.6	.4	1
-2	1.0006	1.0248	-1.6	.2	1	27.3	25.7	5.7	1.3	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.01398	1.120	.278	2.1E-02	8.1E-04	.974
1	1.E-02	.00105	1.131	.286	2.2E-02	1.3E-03	.937
2	1.E+00	.00088	1.131	.287	2.2E-02	1.3E-03	.957
3	1.E+00	.00085	1.131	.288	2.2E-02	1.3E-03	.964
4	1.E+00	.00083	1.131	.289	2.2E-02	1.3E-03	.968
5	1.E+01	.00083	1.131	.289	2.2E-02	1.3E-03	.968

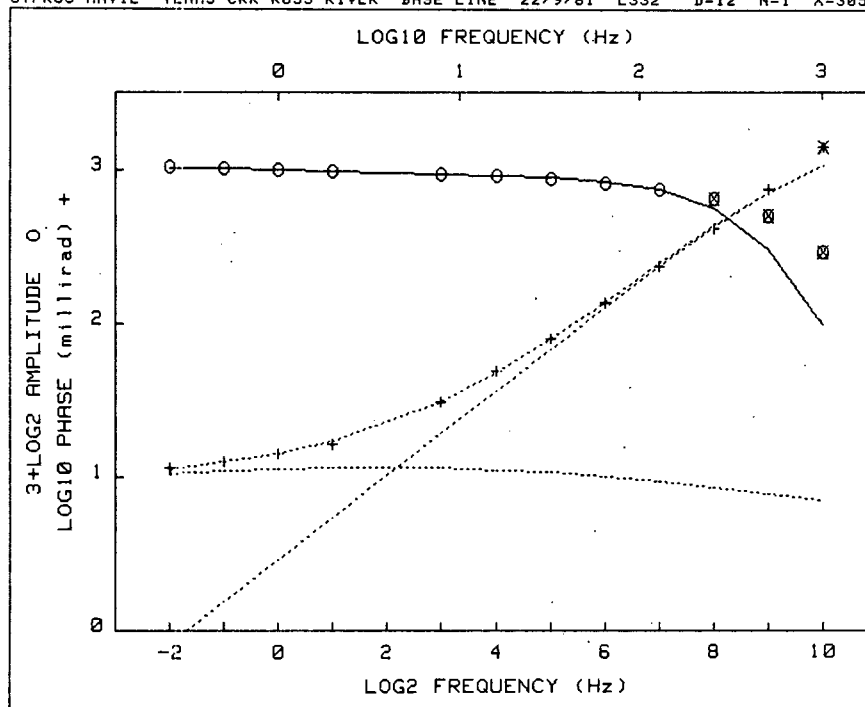
Pct Std Deviations 2.1 31.5 999.9 6.6 3.1

Correlation Matrix

1.000				
-.846	1.000			
.903	-.984	1.000		
.516	-.727	.685	1.000	
-.604	.751	-.694	-.360	1.000

Apparent Resistivity Measured at 1 Hz is 542.0
Apparent Resistivity Calculated from Inductive Coupling is 772.6

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	5.8858	.2823	95.2	.0	0	-624.5	-618.0	1.0	.0	0
9	3.7568	.3305	91.2	.0	0	-1195.2	-1044.5	12.6	.0	0
8	2.0943	.4573	78.2	.0	0	1478.8	1570.1	-6.2	.0	1
7	1.3086	.5525	50.1	.1	0	1036.3	1050.6	-1.4	.1	1
6	1.0212	.8174	20.0	.2	0	635.0	626.5	1.3	.3	1
5	.9514	.9023	5.2	.3	1	351.7	350.3	.4	.5	1
4	.9509	.9408	1.1	.3	1	284.9	196.5	4.1	1.1	1
3	.9630	.9629	.0	.3	1	127.4	116.1	8.9	2.2	1
2	.9762	.9798	-.4	.1	1	77.0	74.5	3.2	.8	1
1	.9846	.9950	-1.1	.1	1	52.0	52.7	-1.4	.6	1
0	1.0000	1.0093	-.9	.1	1	40.0	40.8	-1.9	1.1	1
-1	1.0071	1.0227	-1.6	.2	1	33.5	33.6	-.4	1.9	1
-2	1.0098	1.0353	-2.5	.4	1	30.0	28.9	3.7	4.5	1



CRL: Number of dispersions= 2
C1=.25 M2=1 T2=.00024 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C2
0	1.E-02	.00013	1.048	.109	6.5E-02	.906
1	1.E-02	.00013	1.048	.110	6.6E-02	.907

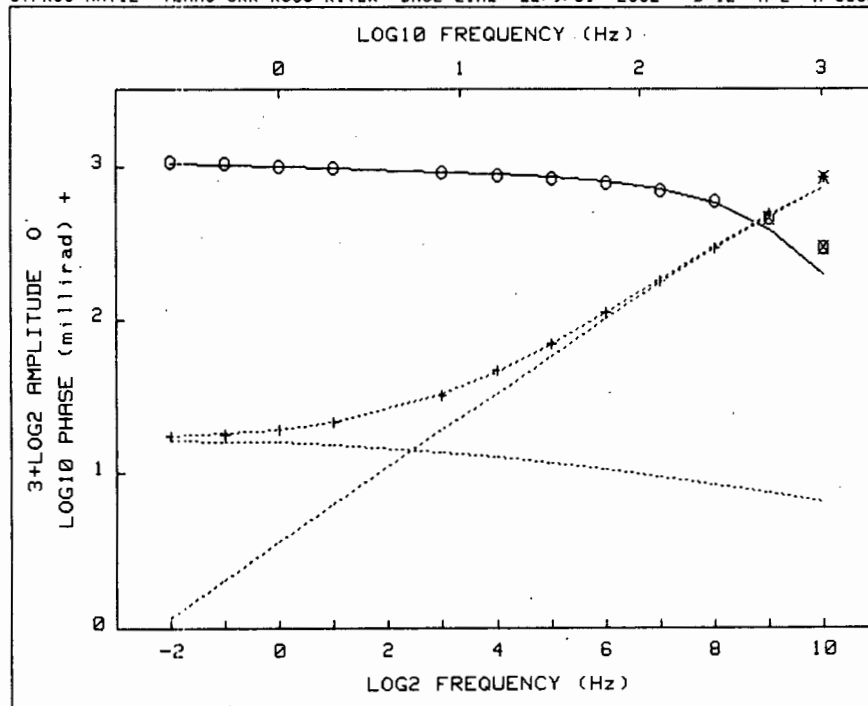
Pct Std Deviations .4 5.6 126.4 1.1

Correlation Matrix

1.000				
-.681	1.000			
.781	-.942	1.000		
-.626	.890	-.811	1.000	

Apparent Resistivity Measured at 1 Hz is 564.4
Apparent Resistivity Calculated from Inductive Coupling is 211.6

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6876	.4970	27.7	.1	0	1376.5	1040.7	24.4	.0	0
9	.8072	.6978	13.6	.1	0	739.1	701.6	5.1	.0	1
8	.8709	.8380	3.7	.0	0	411.4	426.2	-3.6	.1	1
7	.9122	.9107	.2	.0	1	234.5	243.8	-4.0	.0	1
6	.9383	.9440	-.6	.0	1	137.1	137.5	-.3	.3	1
5	.9563	.9610	-.5	.0	1	80.4	79.0	1.8	.4	1
4	.9675	.9713	-.4	.0	1	49.2	47.5	3.4	.2	1
3	.9755	.9789	-.4	.0	1	30.7	30.8	-.3	.7	1
1	.9903	.9912	-.1	.0	1	16.4	17.0	-3.7	1.8	1
0	1.0000	.9967	.3	.0	1	14.2	14.3	-.4	.7	1
-1	1.0007	1.0020	-.7	.0	1	12.6	12.5	.6	.8	1
-2	1.0149	1.0069	.8	.0	1	11.4	11.3	.9	3.6	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00006	1.096	.150	7.7E-01	1.3E-04	.797
1	1.E-02	.00006	1.097	.150	7.7E-01	1.3E-04	.800
2	1.E-03	.00006	1.097	.150	7.5E-01	1.3E-04	.800

Pct Std Deviations .7 1.3 72.5 1.9 1.1

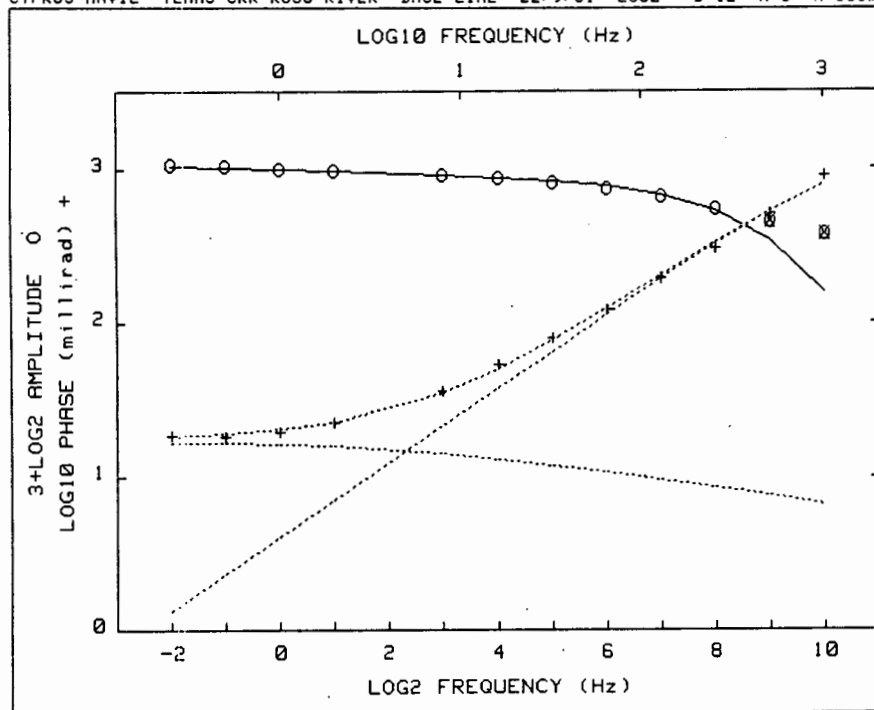
Correlation Matrix

1.000				
.514	1.000			
.950	.403	1.000		
-.445	-.095	-.444	1.000	
-.699	.030	-.743	.764	1.000

Apparent Resistivity Measured at 1 Hz is 1425

Apparent Resistivity Calculated from Inductive Coupling is 667.4

F	ObsRmp	CalRmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6873	.6109	11.1	.0	0	832.6	717.5	13.8	.0	0
9	.7874	.7506	4.7	.0	0	484.1	471.4	2.6	.0	1
8	.8498	.8432	.8	.0	1	288.1	294.6	-2.3	.0	1
7	.8930	.8977	-.5	.0	1	177.0	179.9	-1.7	.1	1
6	.9236	.9294	-.6	.0	1	110.6	110.1	.4	.3	1
5	.9450	.9489	-.4	.0	1	70.2	69.2	1.4	.3	1
4	.9593	.9623	-.3	.0	1	46.5	45.8	1.6	.4	1
3	.9690	.9725	-.4	.0	1	32.1	32.6	-1.6	.6	1
1	.9897	.9893	.0	.0	1	21.6	21.5	.7	.5	1
0	1.0000	.9971	.3	.0	1	19.1	19.3	-1.2	.0	1
-1	1.0092	1.0048	.4	.0	1	18.0	18.1	-.7	.0	1
-2	1.0197	1.0125	.7	.0	1	17.4	17.3	.5	1.3	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.06110	1.000	.180	1.0E+00	5.0E-04	1.000
1	1.E-02	.08597	1.102	.170	1.0E+00	2.4E-04	.905
2	1.E-03	.00045	1.106	.157	1.1E+00	1.5E-04	.802
3	1.E-04	.00042	1.103	.156	9.5E-01	1.5E-04	.799
4	1.E-05	.00042	1.101	.156	8.4E-01	1.5E-04	.800

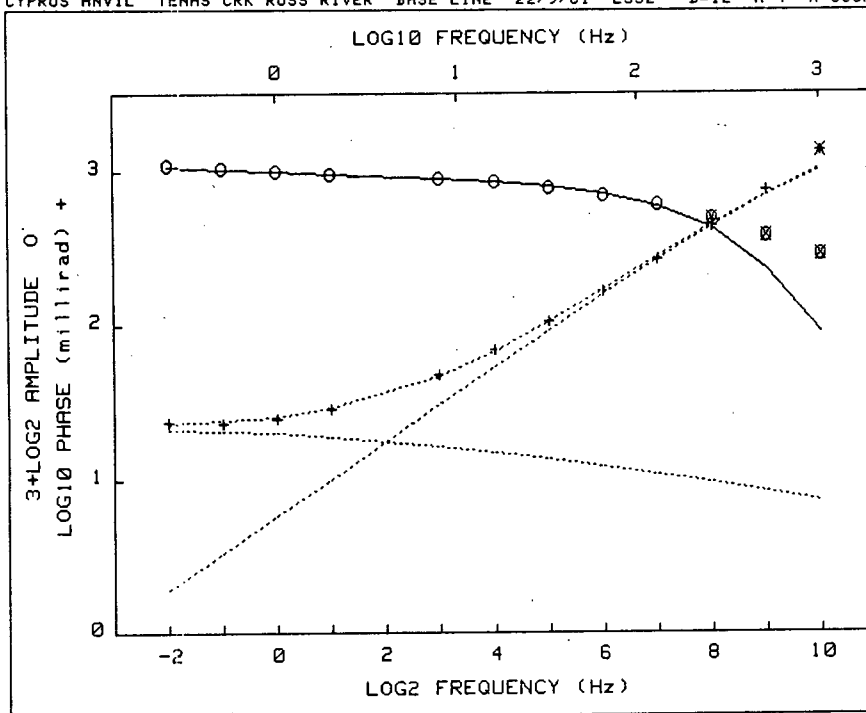
Pct Std Deviations 1.9 3.9 327.0 3.9 2.3

Correlation Matrix

1.000					
.701	1.000				
.956	.614	1.000			
-.417	-.336	-.397	1.000		
-.710	-.211	-.746	.630	1.000	

Apparent Resistivity Measured at 1 Hz is 460.3
Apparent Resistivity Calculated from Inductive Coupling is 1080

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7405	.5744	22.4	.0	0	888.7	785.1	11.7	.0	1
9	.7847	.7226	7.9	.0	0	501.4	522.4	-4.2	.0	1
8	.8336	.8254	1.0	.0	1	304.3	329.3	-8.2	.1	1
7	.8781	.8870	-1.0	.0	1	192.7	201.8	-4.7	.1	1
6	.9139	.9228	-1.0	.0	1	122.8	123.4	-.5	.2	1
5	.9402	.9446	-.5	.0	1	80.2	77.2	3.8	.4	1
4	.9572	.9592	-.2	.0	1	53.3	50.6	5.1	.6	1
3	.9687	.9702	-.2	.0	1	36.1	35.6	1.5	.3	1
1	.9897	.9880	.2	.0	1	22.4	22.8	-1.8	.0	1
0	1.0000	.9961	.4	.0	1	19.6	20.4	-3.9	.5	1
-1	1.0093	1.0041	.5	.0	1	18.5	19.0	-2.7	.0	1
-2	1.0196	1.0121	.7	.0	1	18.7	18.1	3.1	1.2	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00024	1.118	.195	2.9E-01	2.2E-04	.827
1	1.E-02	.00020	1.114	.192	2.9E-01	2.2E-04	.814
2	1.E-03	.00019	1.116	.191	3.6E-01	2.2E-04	.812
3	1.E-04	.00018	1.126	.189	7.4E-01	2.2E-04	.804
4	1.E-05	.00017	1.136	.191	1.4E+00	2.2E-04	.797
5	1.E-06	.00017	1.142	.193	1.8E+00	2.2E-04	.794
6	1.E-07	.00017	1.144	.193	1.9E+00	2.2E-04	.793

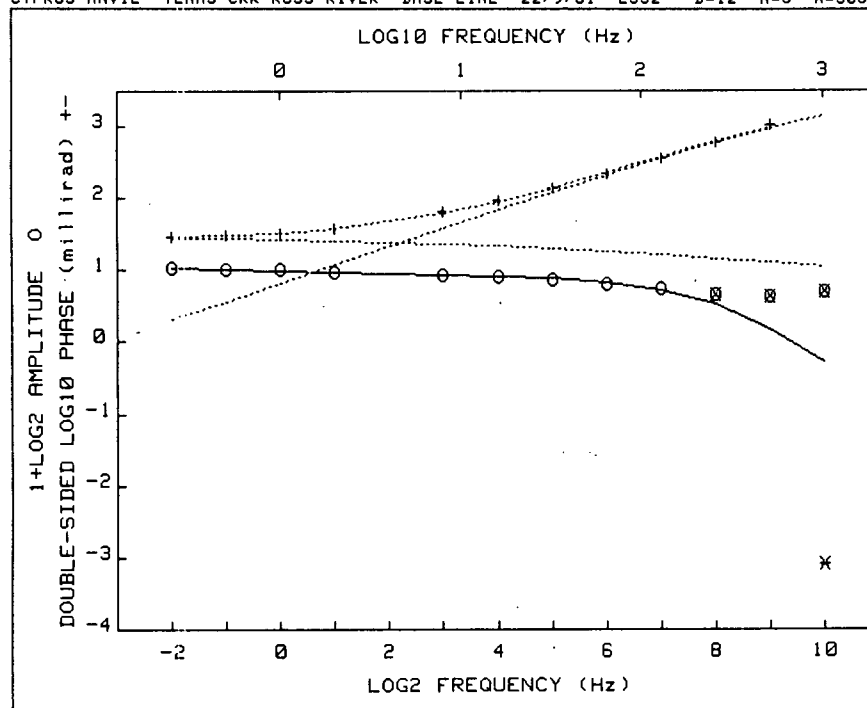
Pct Std Deviations 1.9 3.7 202.3 3.3 1.9

Correlation Matrix

1.000					
.883	1.000				
.977	.830	1.000			
-.662	-.589	-.649	1.000		
-.754	-.473	-.787	.766	1.000	

Apparent Resistivity Measured at 1 Hz is 797.9
Apparent Resistivity Calculated from Inductive Coupling is 1199

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6811	.4823	29.2	.0	0	1322.4	1006.4	23.9	.0	0
9	.7451	.6409	14.0	.0	0	735.3	686.1	6.7	.0	1
8	.8033	.7682	4.4	.0	0	429.8	442.6	-3.0	.0	1
7	.8529	.8513	.2	.1	1	262.2	275.1	-4.9	.2	1
6	.8944	.9089	-.7	.1	1	165.0	169.0	-2.4	.5	1
5	.9259	.9310	-.6	.1	1	105.9	105.2	.7	.6	1
4	.9480	.9506	-.3	.0	1	69.8	68.1	2.5	.4	1
3	.9622	.9648	-.3	.1	1	48.1	47.0	2.4	.2	1
1	.9877	.9870	.1	.0	1	28.0	29.0	-.7	.3	1
0	1.0000	.9970	.3	.0	1	25.1	25.7	-2.4	.4	1
-1	1.0122	1.0070	.5	.0	1	23.4	24.0	-2.6	.4	1
-2	1.0246	1.0170	.7	.0	1	23.6	23.1	2.3	3.1	1



CRL: Number of dispersions= 2
T1=1 C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T2	C2
0	1.E-02	.07875	1.780	.468	1.5E-04	.725
1	1.E-02	.01737	1.104	.261	3.9E-04	.779
2	1.E-03	.00031	1.170	.242	3.1E-04	.822
3	1.E-04	.00028	1.172	.241	3.1E-04	.828
4	1.E+00	.00028	1.172	.241	3.1E-04	.828

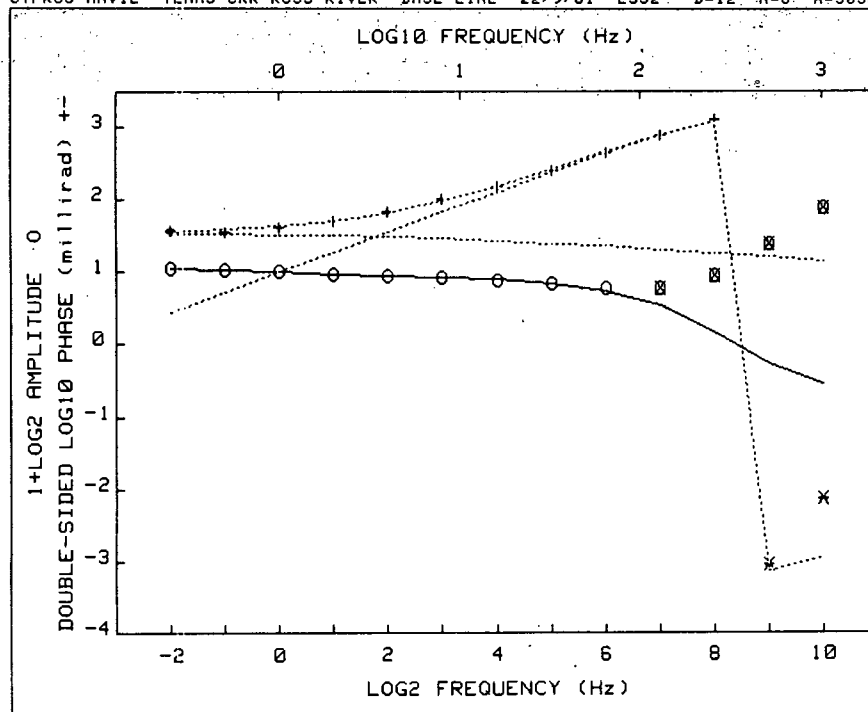
Pct Std Deviations .6 2.4 3.0 1.4

Correlation Matrix

1.000			
.646	1.000		
-.272	-.272	1.000	
.058	.468	.438	1.000

Apparent Resistivity Measured at 1 Hz is 1338
Apparent Resistivity Calculated from Inductive Coupling is 1356

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8028	.4091	49.0	.1	0	-1264.2	1375.1	208.8	.0	0
9	.7684	.5638	26.6	.0	0	1039.2	944.9	9.1	.0	1
8	.7848	.7119	9.3	.1	0	589.2	609.9	-3.5	.0	1
7	.8247	.8157	1.1	.1	1	352.5	375.3	-6.5	.1	1
6	.8691	.8776	-1.0	.1	1	219.3	226.7	-3.4	.7	1
5	.9070	.9143	-.8	.1	1	139.5	138.7	.6	.8	1
4	.9336	.9380	-.5	.1	1	91.3	88.6	3.0	.8	1
3	.9519	.9555	-.4	.2	1	63.7	60.7	4.7	.2	1
1	.9847	.9836	.1	.0	1	37.5	37.5	-.0	.3	1
0	1.0000	.9966	.3	.0	1	32.6	33.2	-1.9	.3	1
-1	1.0141	1.0096	.4	.1	1	30.1	30.9	-2.6	1.7	1
-2	1.0291	1.0226	.6	.1	1	29.3	29.4	-.4	3.8	1



CRL: Number of dispersions= 2
 C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00050	1.208	.280	1.0E+00	7.9E-04	.882
1	1.E-02	.00042	1.216	.287	9.9E-01	7.9E-04	.899
2	1.E-03	.00042	1.213	.287	8.9E-01	7.9E-04	.901

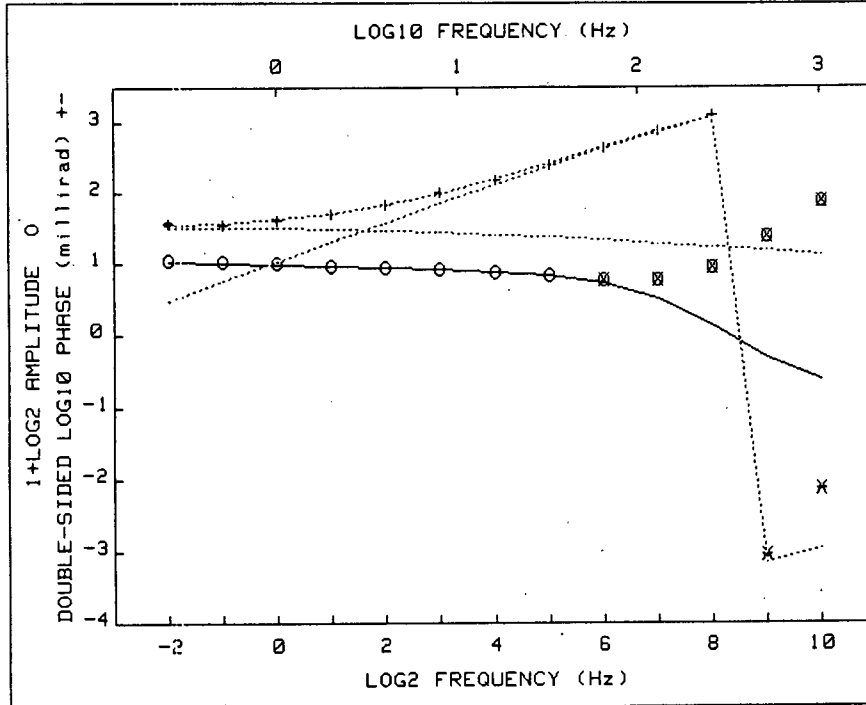
Pct Std Deviations 4.1 3.0 481.8 4.6 2.8

Correlation Matrix

1.000					
.318	1.000				
.982	.186	1.000			
-.658	-.394	-.614	1.000		
-.802	.108	-.829	.670	1.000	

Apparent Resistivity Measured at .1 Hz is 831.8
 Apparent Resistivity Calculated from Inductive Coupling is 1007

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.8286	.3381	81.5	.0	0	-138.7	-872.5	-529.1	.1	0
9	1.2929	.4135	68.0	.0	0	-1145.3	-1308.6	-21.2	.0	0
8	.9578	.5599	41.5	.1	0	1261.7	1216.7	3.6	.0	1
7	.8537	.7220	15.4	.2	0	750.7	768.1	-2.3	.1	1
6	.8576	.8342	2.7	.2	1	434.2	452.8	-4.3	.7	1
5	.8888	.8951	-.7	.2	1	255.8	261.1	-2.1	.9	1
4	.9184	.9286	-1.1	.1	1	156.8	154.0	1.8	.8	1
3	.9417	.9507	-.9	.3	1	104.7	96.5	7.8	.6	1
2	.9665	.9683	-.2	.0	1	69.1	66.4	3.9	.3	1
1	.9819	.9844	-.2	.1	1	51.6	50.9	1.3	1.0	1
0	1.0000	1.0001	-.0	.1	1	41.7	43.0	-3.0	1.7	1
-1	1.0179	1.0159	.2	.2	1	35.7	38.7	-8.5	3.7	1
-2	1.0343	1.0317	.2	.1	1	37.7	36.2	3.9	6.0	1



CRL: Number of dispersions= 2
 T1=1 C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T2	C2
0	1.E-02	.00617	1.170	.241	1.2E-03	.020
1	1.E-02	.00046	1.207	.286	7.6E-04	.061
2	1.E-03	.00026	1.208	.281	7.9E-04	.083
3	1.E-04	.00026	1.208	.280	7.9E-04	.082

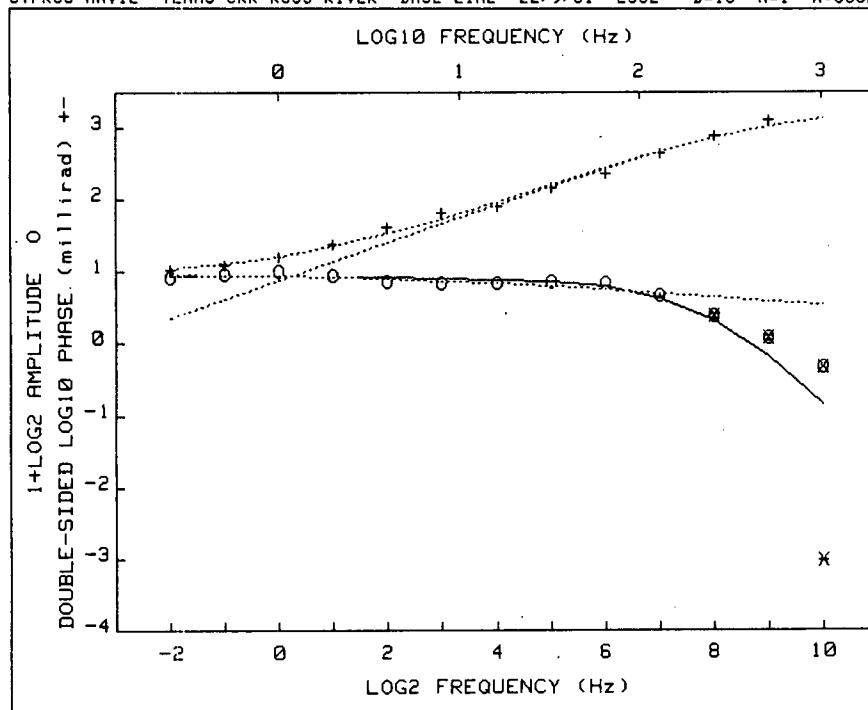
Pct Std Deviations .6 2.6 2.9 1.4

Correlation Matrix

1.000			
.752	1.000		
-.362	-.371	1.000	
.250	.547	.294	1.000

Apparent Resistivity Measured at 1 Hz is 831.8
 Apparent Resistivity Calculated from Inductive Coupling is 938.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0286	.3277	82.1	.0	0	-138.7	-914.1	-559.0	.1	0
9	1.2929	.4032	68.8	.0	0	-1145.3	-1430.6	-24.9	.0	0
8	.9578	.5475	42.8	.1	0	1261.7	1189.3	5.7	.0	1
7	.8537	.7079	17.1	.2	0	750.7	758.3	-1.0	.1	1
6	.8576	.8227	4.1	.2	0	434.2	453.4	-4.4	.7	1
5	.8888	.8877	.1	.2	1	255.8	264.9	-3.5	.9	1
4	.9184	.9242	-.6	.1	1	156.8	157.5	-.5	.8	1
3	.9417	.9478	-.6	.3	1	104.7	98.9	5.5	.6	1
2	.9665	.9661	.0	.0	1	69.1	67.8	1.9	.3	1
1	.9819	.9824	-.0	.1	1	51.6	51.4	.3	1.0	1
0	1.0000	.9980	.2	.1	1	41.7	42.9	-2.9	1.7	1
-1	1.0179	1.0135	.4	.2	1	35.7	38.4	-7.6	3.7	1
-2	1.0343	1.0290	.5	.1	1	37.7	35.8	5.2	6.0	1



CRL: Number of dispersions= 2
 T1=1 C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T2	C2
0	1.E-02	.27281	1.650	.101	2.0E-03	.774
1	1.E-02	.00914	.962	.072	5.7E-04	.792
2	1.E-03	.00297	1.014	.092	5.4E-04	.863
3	1.E-04	.00291	1.014	.088	5.6E-04	.867
4	1.E-05	.00291	1.014	.087	5.6E-04	.866

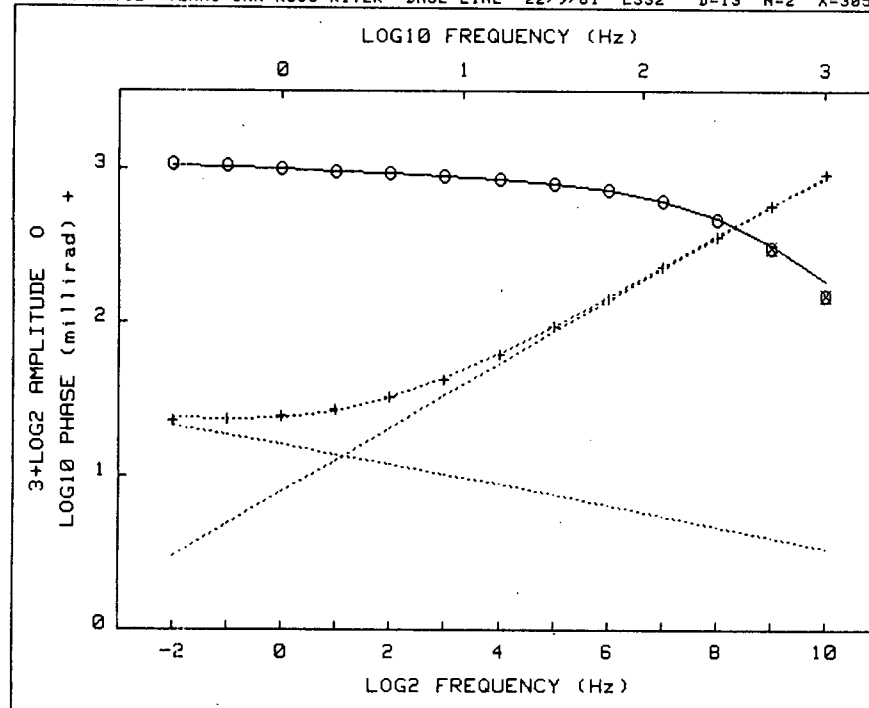
Pct Std Deviations 1.3 13.0 8.2 3.2

Correlation Matrix

1.000			
.351	1.000		
-.079	-.133	1.000	
-.005	.522	.516	1.000

Apparent Resistivity Measured at 1 Hz is 302.0
 Apparent Resistivity Calculated from Inductive Coupling is 79.13

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.3977	.2745	31.0	.5	0	-1062.9	1329.6	225.1	.2	0
9	.5242	.4388	16.3	2.1	0	1236.9	1020.2	17.5	1.4	1
8	.6497	.5256	3.7	2.1	0	762.5	719.6	5.6	1.9	1
7	.7912	.7739	2.2	1.9	1	440.4	459.8	-4.4	2.4	1
6	.8904	.8604	3.4	.2	1	233.6	274.1	-17.3	.6	1
5	.9013	.9040	-.3	.3	1	146.1	158.4	-8.4	.3	1
4	.8948	.9261	-3.5	.1	1	81.3	91.5	-12.5	.6	1
3	.8976	.9385	-4.6	.3	1	63.8	54.1	15.2	2.2	1
2	.9114	.9465	-3.9	.0	1	41.3	33.5	18.8	.0	1
1	.9655	.9524	1.4	.8	1	24.6	22.4	9.0	4.5	1
0	1.0000	.9574	4.3	.3	1	16.0	16.4	-2.5	1.9	1
-1	.9820	.9619	2.0	.6	1	12.3	13.2	-7.1	4.1	1
-2	.9523	.9662	-1.5	.1	1	10.6	11.4	-7.4	2.8	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00759	1.717	.447	4.1E+03	9.6E-05	.666
1	1.E-02	.00023	1.568	.395	4.1E+03	8.9E-05	.694
2	1.E-03	.00009	1.583	.395	4.3E+03	8.8E-05	.693
3	1.E-04	.00009	1.613	.406	5.5E+03	8.4E-05	.691

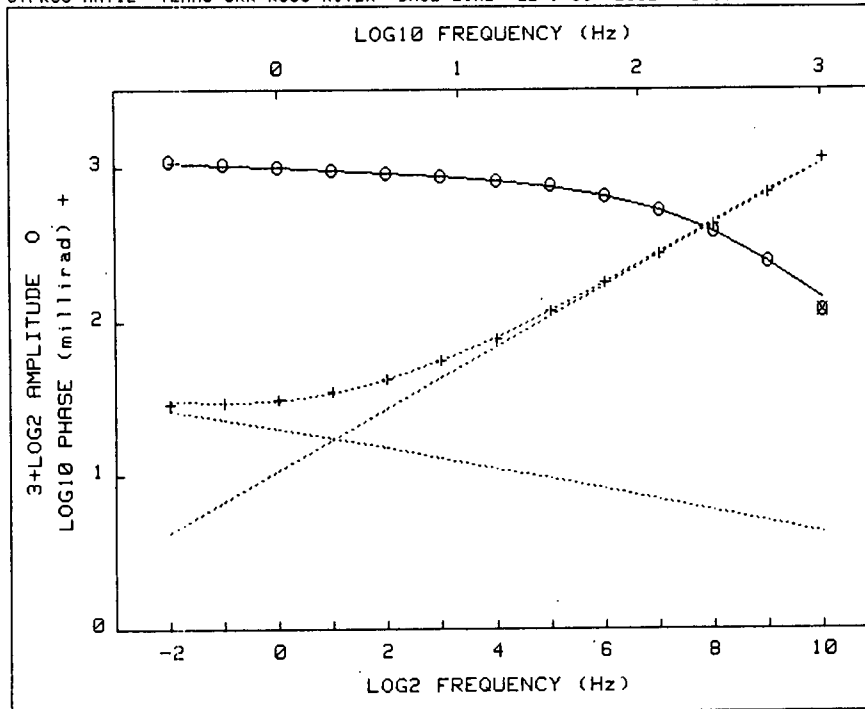
Pct Std Deviations 11.4 17.6 301.7 25.0 2.3

Correlation Matrix

1.000				
1.000	1.000			
.998	.998	1.000		
-.996	-.996	-.996	1.000	
-.948	-.944	-.956	.964	1.000

Apparent Resistivity Measured at 1 Hz is 812.2
Apparent Resistivity Calculated from Inductive Coupling is 568.7

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5656	.5801	-6.1	.0	0	989.8	876.7	3.6	.0	1
9	.6998	.7066	-1.0	.1	0	566.1	566.3	-0.0	.0	1
8	.7899	.7952	-.7	.0	1	355.7	361.2	-1.6	.1	1
7	.8590	.8592	-.0	.1	1	227.5	229.5	-.9	.1	1
6	.9042	.9028	.2	.0	1	144.0	146.3	-1.6	.2	1
5	.9328	.9320	.1	.0	1	93.1	94.5	-1.5	.3	1
4	.9513	.9520	-.1	.0	1	61.4	62.7	-2.2	.3	1
3	.9651	.9664	-.1	.0	1	42.9	43.7	-1.8	.2	1
2	.9764	.9775	-.1	.0	1	33.1	32.6	1.4	.0	1
1	.9879	.9870	.1	.0	1	27.5	26.7	2.9	1.1	1
0	1.0000	.9959	.4	.0	1	24.8	24.0	3.2	.4	1
-1	1.0093	1.0049	.4	.0	1	23.5	23.5	.2	.9	1
-2	1.0193	1.0146	.5	.0	1	23.1	24.3	-5.2	1.0	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00022	1.491	.365	6.7E+02	1.2E-04	.677
1	1.E-02	.00015	1.512	.376	7.0E+02	1.3E-04	.692
2	1.E-03	.00013	1.545	.389	9.8E+02	1.2E-04	.688
3	1.E-03	.00012	1.576	.400	1.3E+03	1.1E-04	.683
4	1.E-03	.00011	1.605	.410	1.7E+03	1.1E-04	.680
5	1.E-03	.00011	1.630	.418	2.1E+03	1.1E-04	.676
6	1.E-03	.00011	1.651	.426	2.5E+03	1.0E-04	.674
7	1.E-04	.00011	1.717	.447	4.1E+03	9.6E-05	.666

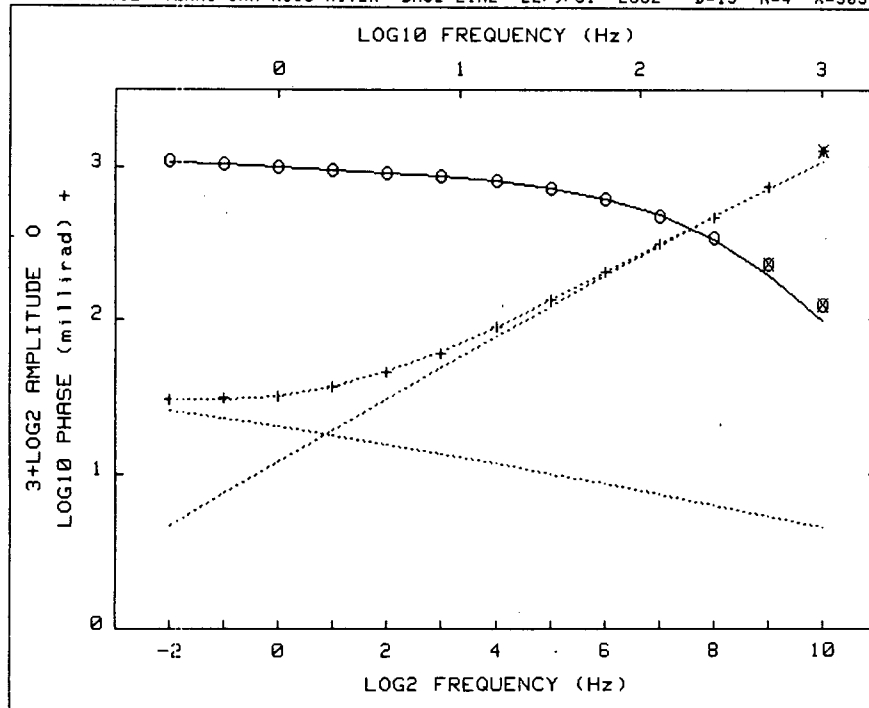
Pct Std Deviations 5.1 6.6 90.1 11.4 1.6

Correlation Matrix

1.000				
.998	1.000			
.990	.985	1.000		
-.982	-.980	-.976	1.000	
-.876	-.856	-.898	.923	1.000

Apparent Resistivity Measured at 1 Hz is 1492
Apparent Resistivity Calculated from Inductive Coupling is 805.0

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5269	.5587	-6.0	.0	0	1108.2	1041.6	6.0	.0	1
9	.6566	.6558	.1	.0	1	669.9	678.9	-1.3	.0	1
8	.7475	.7492	-.2	.0	1	421.1	437.2	-3.8	.1	1
7	.8215	.8227	-.2	.0	1	274.9	281.1	-2.3	.1	1
6	.8758	.8756	.0	.0	1	179.8	181.7	-1.1	.1	1
5	.9152	.9125	.3	.0	1	118.1	119.1	-.8	.3	1
4	.9399	.9383	.2	.0	1	78.8	80.1	-1.7	.4	1
3	.9590	.9572	.2	.0	1	55.6	56.4	-1.4	.4	1
2	.9732	.9718	.1	.0	1	42.0	42.3	-.7	.0	1
1	.9865	.9843	.2	.0	1	35.3	34.5	2.2	.3	1
0	1.0000	.9958	.4	.0	1	31.6	30.8	2.4	.3	1
-1	1.0129	1.0074	.6	.0	1	30.0	29.8	.7	.3	1
-2	1.0268	1.0196	.7	.0	1	29.2	30.5	-4.6	1.1	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00731	1.144	.193	1.9E+00	2.2E-04	.793
1	1.E-02	.00017	1.177	.233	2.0E+00	2.2E-04	.735
2	1.E-03	.00012	1.192	.235	2.7E+00	2.2E-04	.731
3	1.E-04	.00011	1.232	.246	1.2E+01	2.1E-04	.715
4	1.E-04	.00008	1.280	.272	3.7E+01	2.0E-04	.704
5	1.E-04	.00006	1.332	.296	9.2E+01	1.8E-04	.693
6	1.E-04	.00005	1.384	.320	2.0E+02	1.7E-04	.685
7	1.E-04	.00005	1.430	.340	3.6E+02	1.6E-04	.678
8	1.E-04	.00004	1.468	.355	5.5E+02	1.5E-04	.673
9	1.E-04	.00004	1.496	.366	7.3E+02	1.4E-04	.669

Pct Std Deviations 6.0 10.4 158.1 13.1 1.8

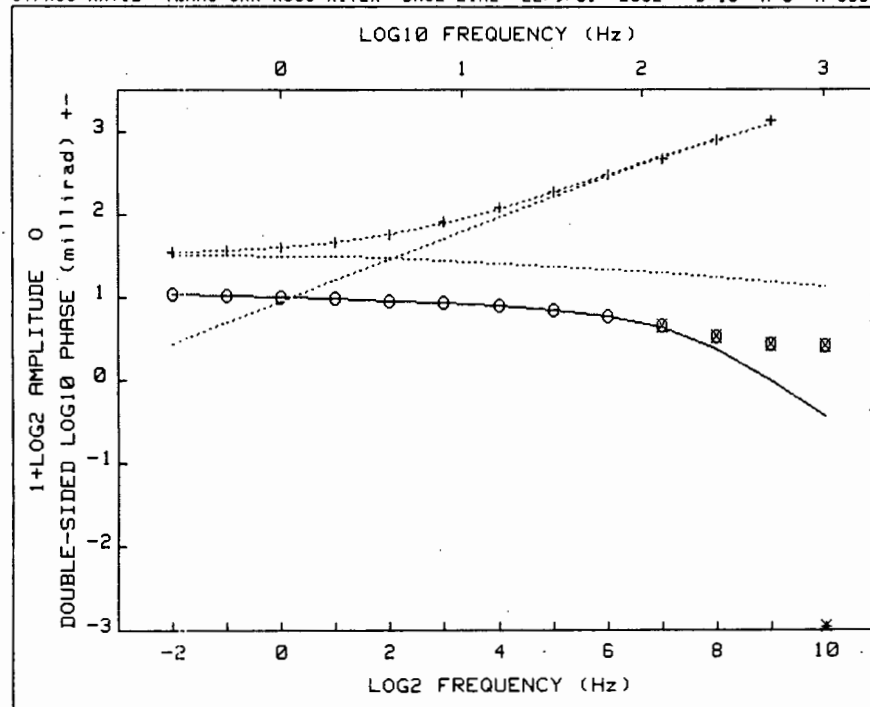
Correlation Matrix

1.000				
.999	1.000			
.998	.996	1.000		
-.994	-.993	-.993	1.000	
-.948	-.948	-.957	.965	1.000

CYPRUS ANVIL TENAS CRK ROSS RIVER BASE LINE 22/9/81 L332 D=13 N=4 X=305m

Apparent Resistivity Measured at 1 Hz is 416.9
Apparent Resistivity Calculated from Inductive Coupling is 896.4

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5330	.4980	6.6	.1	0	1241.8	1073.7	13.5	.0	0
9	.6394	.5116	4.4	.0	0	729.9	718.5	1.6	.0	1
8	.7226	.7191	.5	.0	1	461.4	473.3	-2.6	.0	1
7	.7992	.8037	-.6	.1	1	306.1	309.0	-.9	.1	1
6	.8604	.8643	-.5	.0	1	203.8	201.4	1.2	.1	1
5	.9057	.9061	-.0	.1	1	135.0	132.4	1.9	.2	1
4	.9354	.9352	.0	.0	1	89.5	88.9	.6	.4	1
3	.9571	.9561	.1	.0	1	61.0	62.1	-1.9	.3	1
2	.9726	.9721	.1	.0	1	45.3	46.1	-1.8	.0	1
1	.9859	.9855	.0	.0	1	36.8	37.0	-.6	.3	1
0	1.0000	.9977	.2	.0	1	32.4	32.4	.0	.3	1
-1	1.0128	1.0097	.3	.0	1	31.1	30.6	1.5	.3	1
-2	1.0262	1.0222	.4	.0	1	30.5	30.7	-.7	1.5	1



CRL: Number of dispersions= 2
 T1=1 C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T2	C2
0	1.E-02	.00221	1.210	.254	5.6E-04	.866
1	1.E-02	.00019	1.207	.277	4.4E-04	.823
2	1.E-03	.00018	1.209	.279	4.3E-04	.824
3	1.E-04	.00018	1.209	.279	4.3E-04	.824

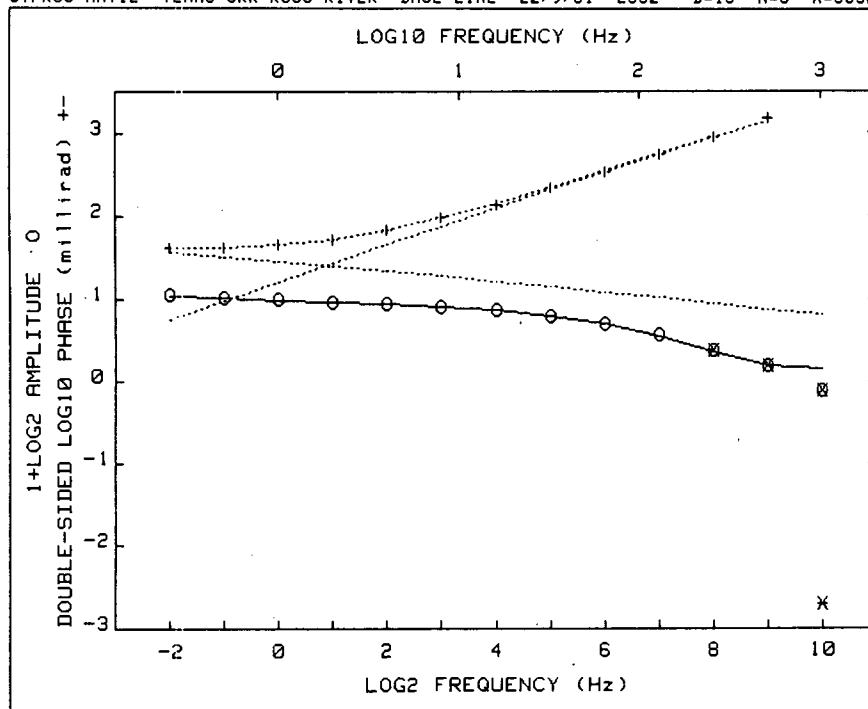
Pct Std Deviations .5 2.0 2.5 1.1

Correlation Matrix

1.000			
.740	1.000		
-.376	-.412	1.000	
.199	.515	.275	1.000

Apparent Resistivity Measured at 1 Hz is 634.0
 Apparent Resistivity Calculated from Inductive Coupling is 983.6

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6588	.3689	44.0	.0	0	-934.3	-1448.9	-55.1	.0	0
9	.6730	.4932	26.7	.2	0	1298.6	1193.2	8.1	.0	1
8	.7154	.5437	10.0	.0	0	763.4	786.9	-3.1	.2	1
7	.7811	.7672	1.8	.1	0	465.2	492.3	-5.8	.1	1
6	.8425	.8472	-.6	.1	1	290.9	299.7	-3.0	.1	1
5	.8929	.8956	-.3	.1	1	185.7	183.3	1.3	.3	1
4	.9263	.9265	-.0	.0	1	119.3	116.1	2.7	.4	1
3	.9512	.9487	.3	.0	1	80.5	78.4	2.6	.5	1
2	.9689	.9669	.2	.0	1	57.6	57.8	-.3	.0	1
1	.9847	.9834	.1	.0	1	45.4	46.6	-2.7	.4	1
0	1.0000	.9991	.1	.0	1	39.7	40.6	-2.3	.3	1
-1	1.0153	1.0148	.1	.1	1	36.7	37.3	-1.6	.5	1
-2	1.0316	1.0303	.1	.0	1	36.1	35.2	2.6	1.2	1



CRL: Number of dispersions= 2
C1=.25 M2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00221	1.260	.329	1.3E+00	6.0E-04	.837
1	1.E-02	.00024	1.248	.313	1.3E+00	4.9E-04	.816
2	1.E-03	.00023	1.252	.315	1.5E+00	4.9E-04	.817
3	1.E-04	.00023	1.267	.316	2.3E+00	4.8E-04	.811
4	1.E-05	.00022	1.293	.322	4.5E+00	4.7E-04	.802
5	1.E-06	.00022	1.335	.334	1.1E+01	4.5E-04	.790
6	1.E-05	.00021	1.422	.364	5.2E+01	4.1E-04	.769
7	1.E-04	.00020	1.517	.400	1.5E+02	3.7E-04	.752
8	1.E-04	.00019	1.631	.438	4.4E+02	3.2E-04	.736
9	1.E-04	.00016	1.735	.469	9.5E+02	2.8E-04	.723

Pct Std Deviations 13.1 15.5 430.5 26.2 3.6

Correlation Matrix

1.000				
.999	1.000			
.997	.994	1.000		
-.995	-.994	-.992	1.000	
-.957	-.948	-.964	.968	1.000

Apparent Resistivity Measured at 1 Hz is 992.5
Apparent Resistivity Calculated from Inductive Coupling is 1241

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.4630	.5572	-20.4	.3	0	-499.3	-1227.6	-145.9	.3	0
9	.5721	.5713	.1	.8	0	1498.9	1372.7	8.4	.2	1
8	.6530	.6455	1.2	.3	0	873.2	897.1	-2.7	.4	1
7	.7387	.7372	.2	.0	1	541.8	563.8	-4.1	.2	1
6	.8140	.8147	-.1	.1	1	340.7	351.2	-3.1	.1	1
5	.8727	.8711	.2	.2	1	216.2	220.3	-1.9	.4	1
4	.9107	.9105	.0	.0	1	139.0	141.3	-1.6	.9	1
3	.9413	.9385	.3	.1	1	94.4	94.4	-.0	.6	1
2	.9632	.9597	.4	.0	1	67.4	67.4	-.1	.3	1
1	.9817	.9775	.4	.0	1	53.0	52.6	.7	.4	1
0	1.0000	.9938	.6	.1	1	45.8	45.3	1.2	.4	1
-1	1.0183	1.0102	.8	.2	1	41.7	42.5	-1.9	1.0	1
-2	1.0365	1.0274	.9	.1	1	42.0	42.6	-1.4	1.7	1