

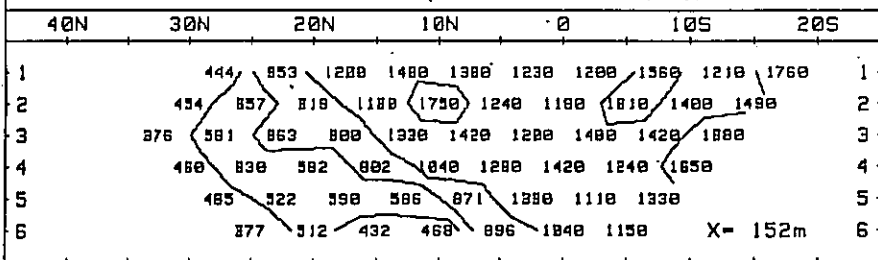
001953

REPORT ON SPECTRAL IP TEST SURVEY

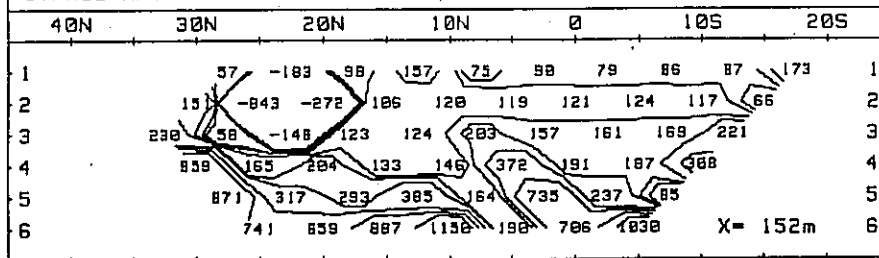
OVER THE GRUM DEPOSIT, LINE 108W

VOLUME II

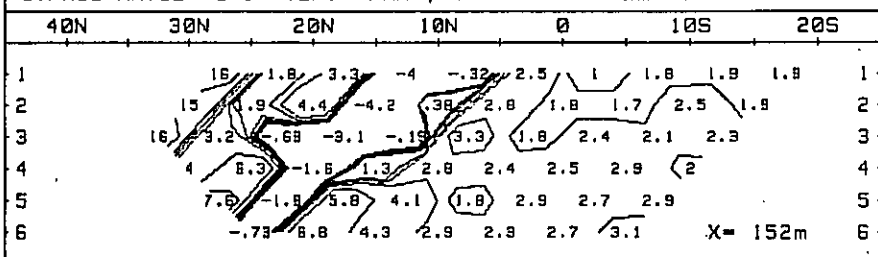
PHOENIX SPECTRAL IP OBS. RESISTIVITY (ohm-m) 1 Hz
 CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312



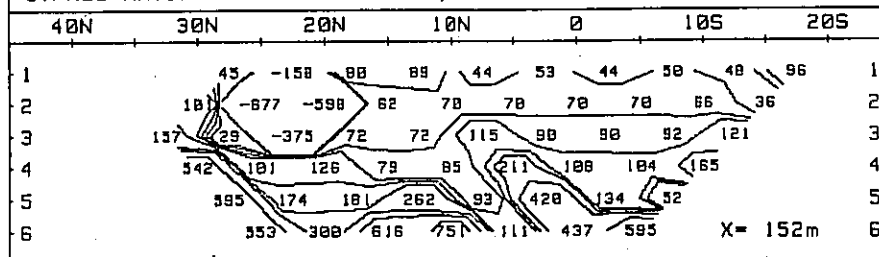
PHOENIX SPECTRAL IP PHASE (mrad) at 512 Hz
 CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312



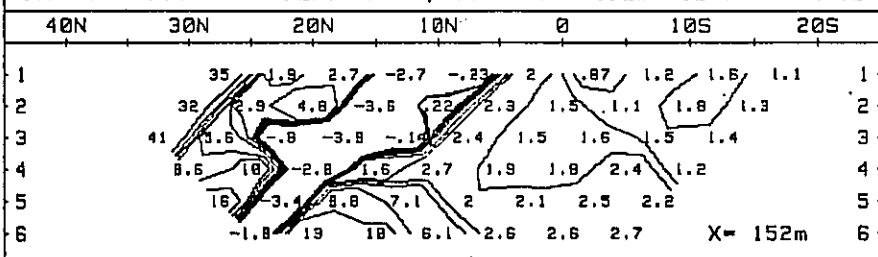
PHOENIX SPECTRAL IP PFE (.25-4 Hz)
 CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312



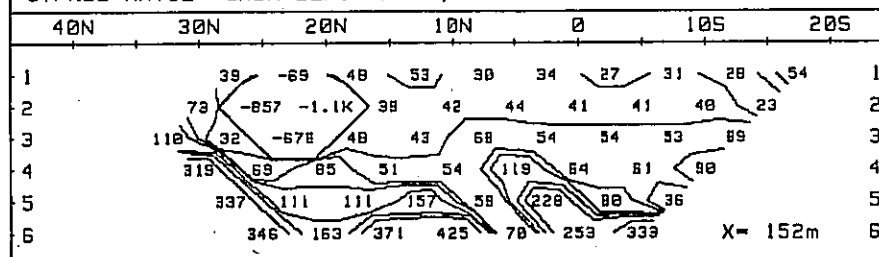
PHOENIX SPECTRAL IP PHASE (mrad) at 256 Hz
 CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312

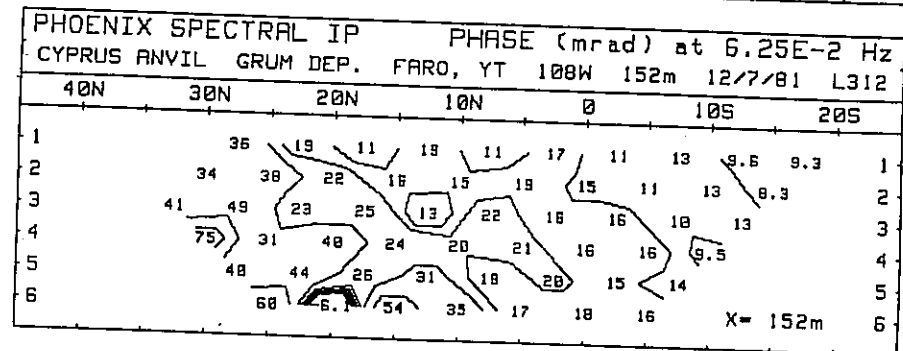
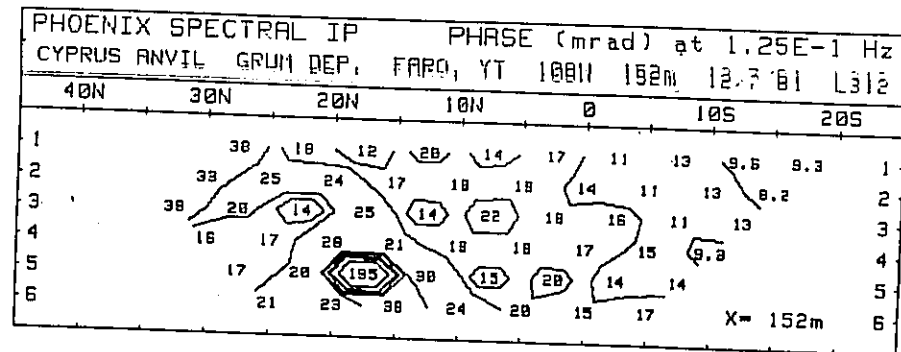
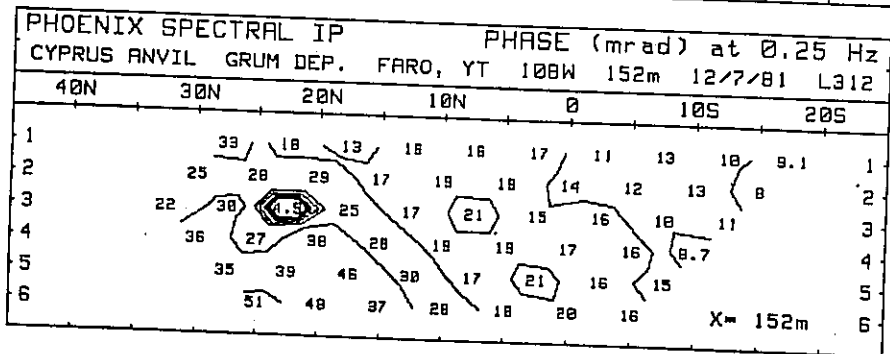
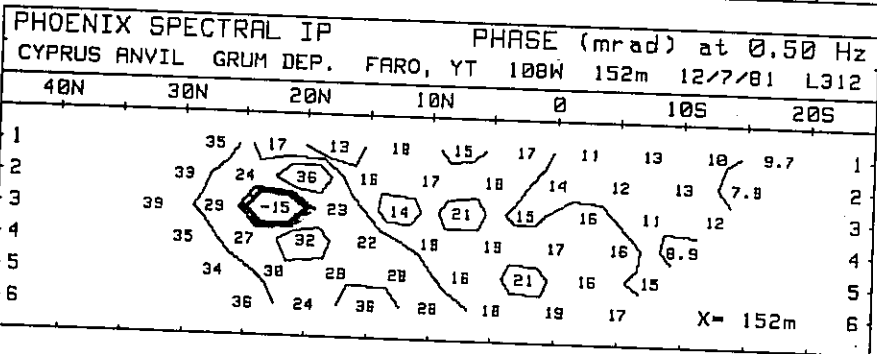
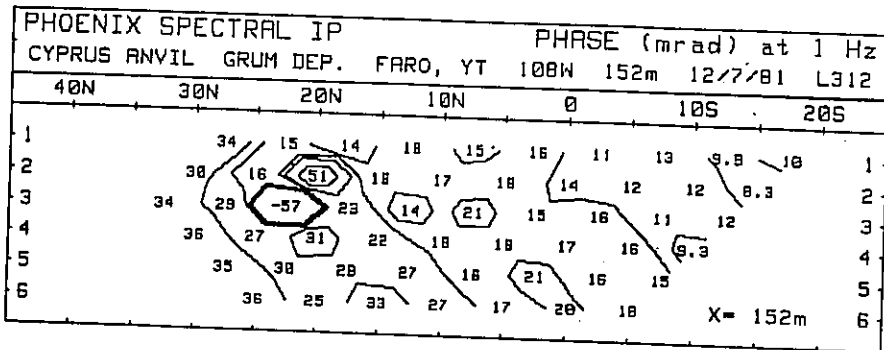


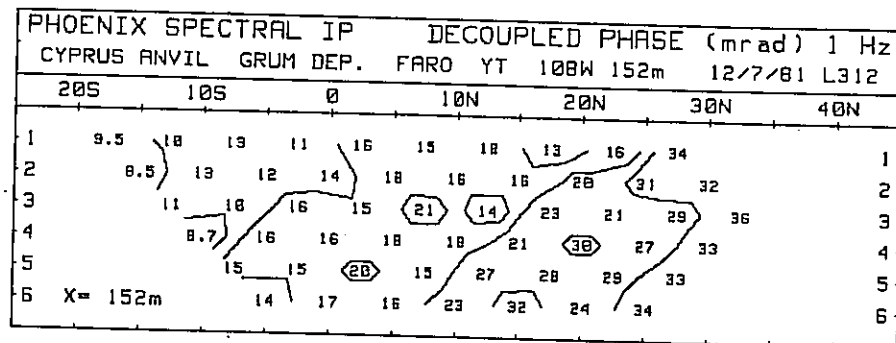
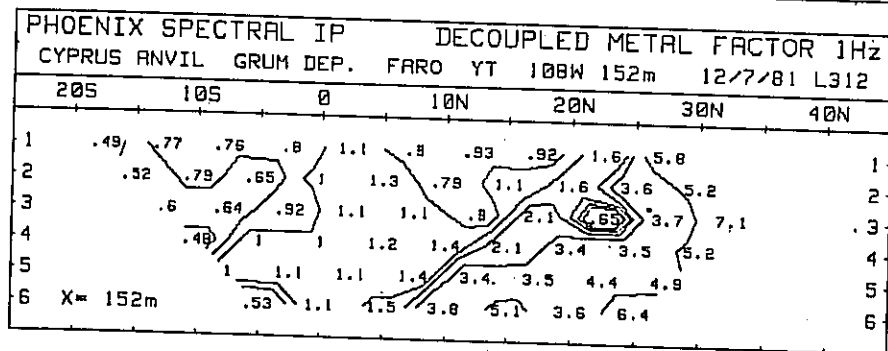
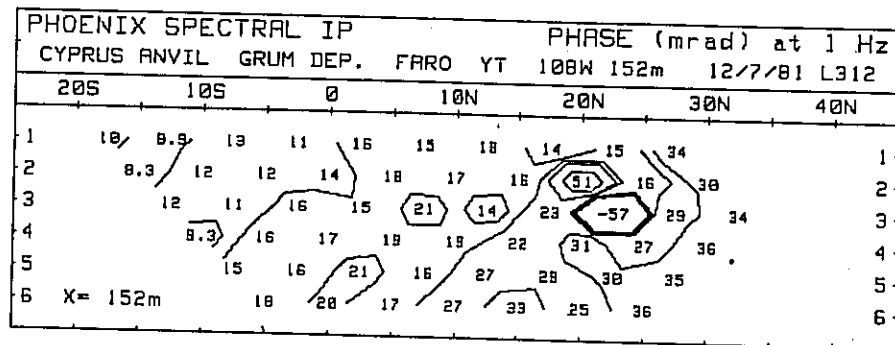
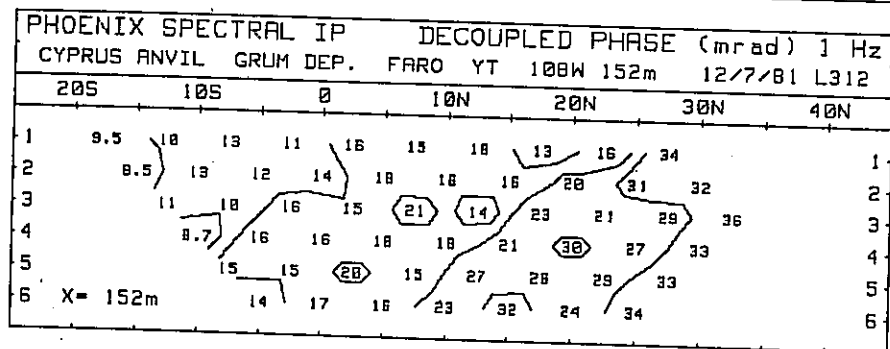
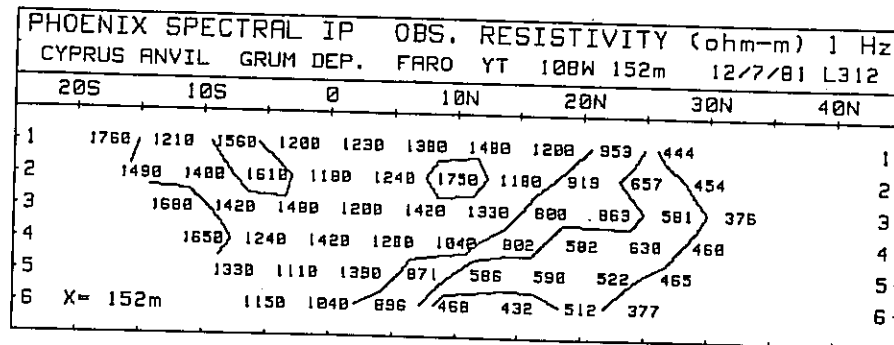
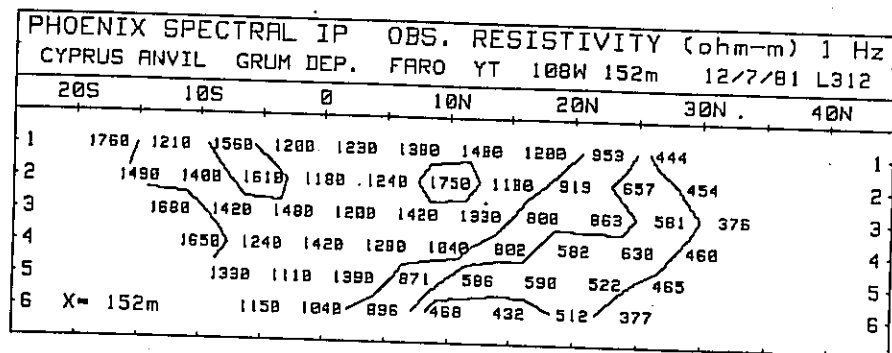
PHOENIX SPECTRAL IP METAL FACTOR 1Hz
 CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312

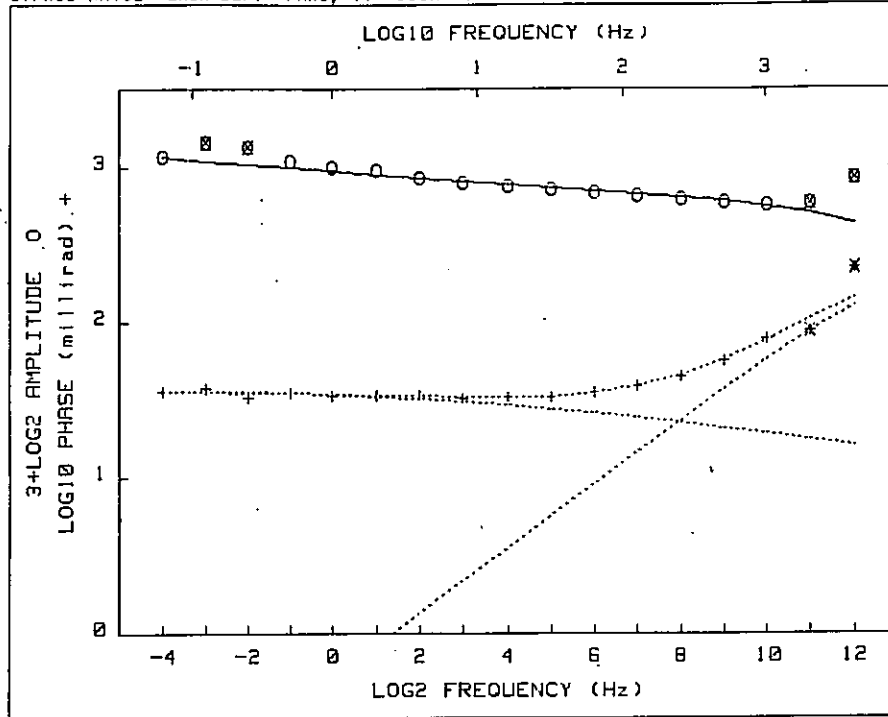


PHOENIX SPECTRAL IP PHASE (mrad) at 128 Hz
 CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312









CRL: Number of dispersions= 2
 M2=.38 T2=.0000068 C2=.68 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.00026	1.335	.397	7.0E+00	.100
1	1.E-02	.00026	1.335	.397	7.0E+00	.100

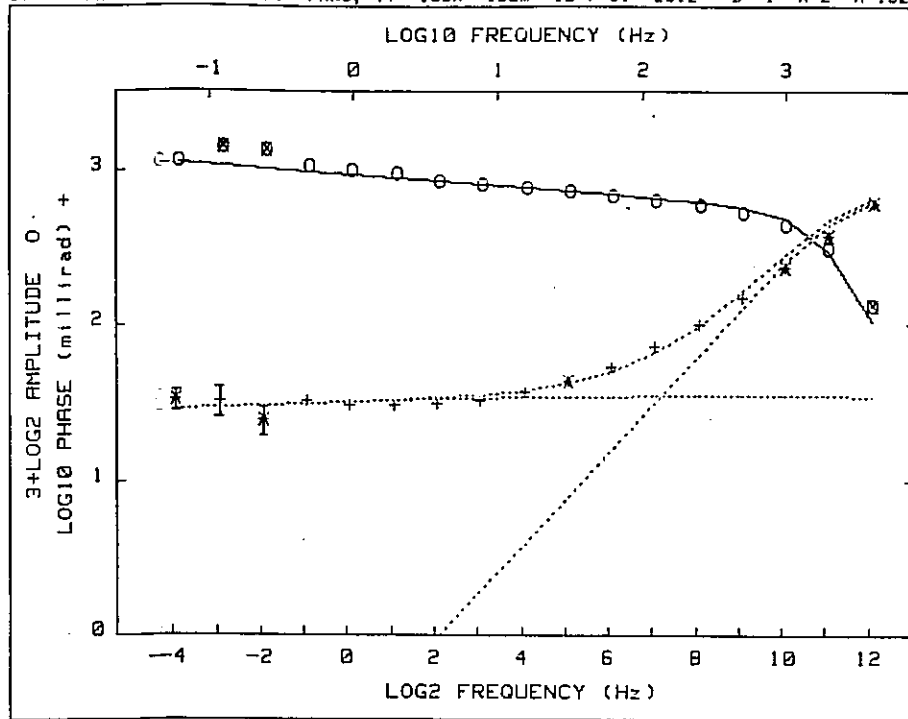
Pct Std Deviations 2.7 4.7 100.0 5.3

Correlation Matrix

1.000			
.969	1.000		
.981	.936	1.000	
-.853	-.948	-.810	1.000

Apparent Resistivity Measured at 1 Hz is 444.2
 Apparent Resistivity Calculated from Inductive Coupling is 1685

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
12	.9528	.7761	18.5	.8	0	221.8	144.2	35.8	.0	0
11	.8585	.8135	4.3	.0	0	86.9	104.4	-20.2	.0	0
10	.8437	.8399	.5	.0	1	77.1	76.0	1.4	.2	1
9	.8535	.8593	-.7	.0	1	56.6	57.2	-1.1	.2	1
8	.8654	.8749	-1.1	.0	1	44.9	45.5	-1.4	.0	1
7	.8791	.8884	-1.1	.0	1	38.8	38.6	.5	.3	1
6	.8912	.9011	-1.1	.0	1	35.1	34.9	.7	.3	1
5	.9042	.9135	-1.0	.0	1	32.9	33.1	-.6	.0	1
4	.9178	.9261	-.9	.0	1	32.6	32.6	.0	.3	1
3	.9324	.9391	-.7	.0	1	32.0	32.8	-2.4	.3	1
2	.9482	.9527	-.5	.0	1	33.3	33.3	-.1	.3	1
1	.9811	.9669	1.4	.2	1	33.6	34.8	-1.3	.0	1
0	1.0000	.9817	1.8	.1	1	33.9	34.7	-2.4	.6	1
-1	1.0242	.9971	2.7	.4	1	35.4	35.3	.3	.8	1
-2	1.0956	1.0130	7.5	.1	0	33.2	35.7	-7.5	4.5	1
-3	1.1178	1.0293	7.9	.3	0	38.0	35.9	5.6	5.5	1
-4	1.0520	1.0459	.6	.3	1	36.4	35.8	1.6	3.6	1



CRL: Number of dispersions= 2
 C1=.1 M2=.455 T2=.000057 C2=1 fixed

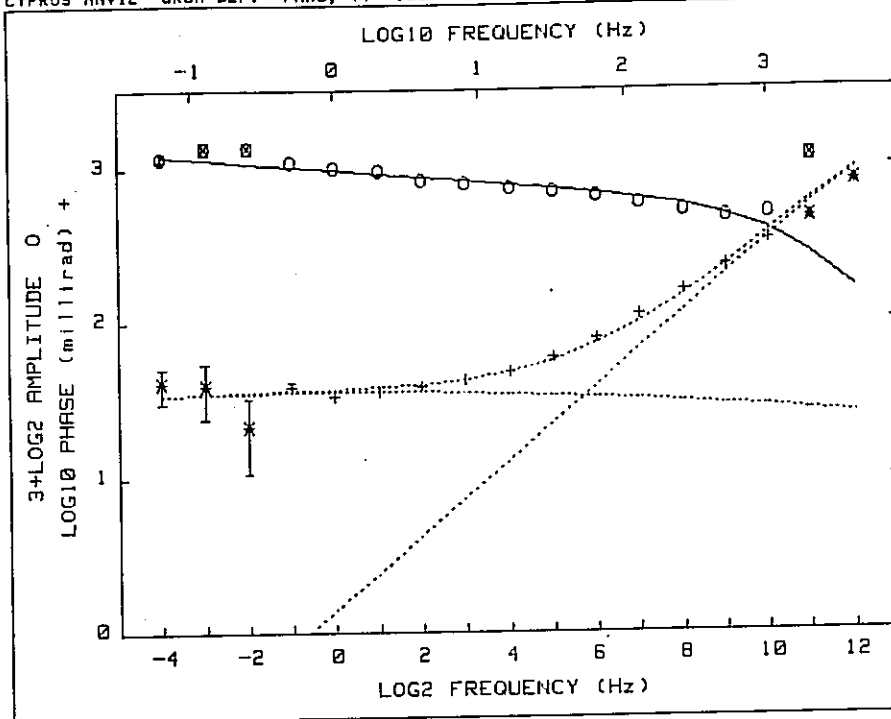
Iter	Lambda	Rchsq	RB	M1	T1
0	1.E-02	.00000	1.348	.597	3.1E-02
1	1.E-02	.00000	1.348	.597	3.1E-02

Pct Std Deviations 4.1 5.5 999.9

Correlation Matrix	
	1.000
	-.084 1.000
	.975 -.959 1.000

Apparent Resistivity Measured at 1 Hz is 453.9
 Apparent Resistivity Calculated from Inductive Coupling is 1768

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
12	.5469	.5089	6.9	.1	0	610.9	656.9	-7.5	.1	0
11	.7037	.6941	1.4	.0	1	378.9	475.1	-20.1	.0	0
10	.7822	.8019	-2.5	.0	1	234.1	284.4	-21.5	.0	0
9	.8239	.8461	-2.7	.0	1	150.7	163.1	-8.2	.2	1
8	.8524	.8672	-1.7	.0	1	101.4	98.8	2.6	.3	1
7	.8750	.8823	-.8	.0	1	72.6	66.4	8.5	.4	1
6	.8931	.8962	-.3	.1	1	53.0	58.3	6.5	1.3	1
5	.9082	.9099	-.2	.0	1	43.3	42.2	2.7	.7	0
4	.9216	.9238	-.2	.0	1	36.6	37.9	-3.6	.5	1
3	.9365	.9378	-.1	.0	1	33.1	35.6	-7.6	1.0	1
2	.9504	.9518	-.1	.1	1	31.5	34.2	-8.5	.9	1
1	.9846	.9657	1.9	.2	1	30.7	33.2	-8.0	1.0	1
0	1.0000	.9797	2.0	.3	1	30.3	32.3	-6.7	2.6	1
-1	1.0232	.9935	2.9	.6	1	32.7	31.5	3.6	4.0	1
-2	1.0905	1.0073	7.6	.3	0	24.9	30.8	-23.6	21.3	0
-3	1.1185	1.0209	8.1	.4	0	33.2	30.8	9.7	21.7	1
-4	1.8388	1.0343	.4	.9	1	33.8	29.2	13.7	14.5	0



CRL: Number of dispersions= 2
 T1=1 C1=.15 M2=1 C2=.70 fixed

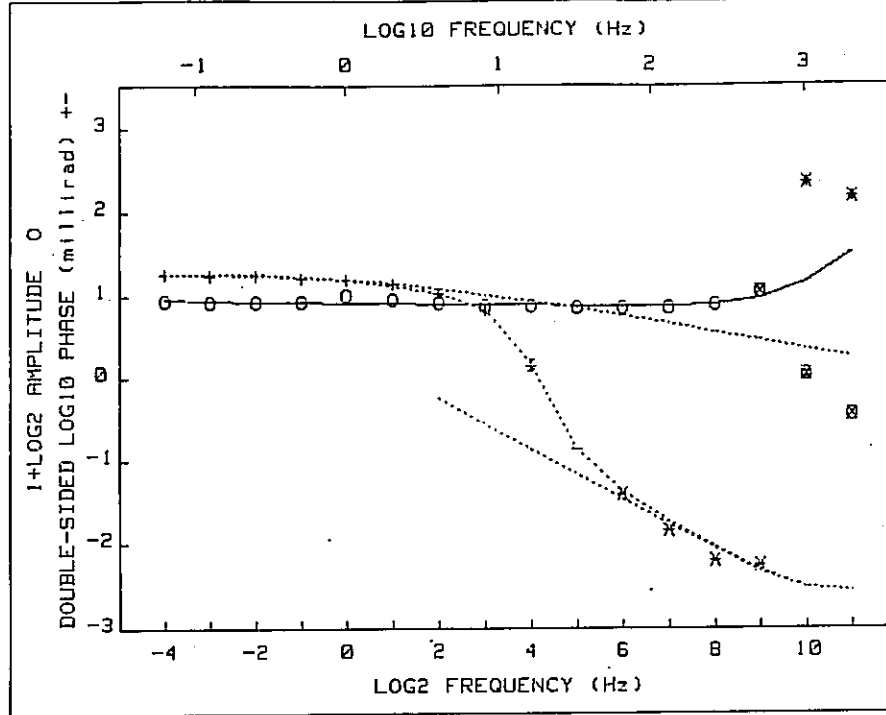
Iter	Lambda	Rchsq	R0	M1	T2
0	1.E-02	.00121	1.337	.457	2.5E-05
1	1.E-02	.00121	1.339	.458	2.5E-05

Pct Std Deviations 1.3 2.7 7.6

Correlation Matrix		1.000		
		.847	1.000	
		-.476	-.635	1.000

Apparent Resistivity Measured at 1 Hz is 376.3
 Apparent Resistivity Calculated from Inductive Coupling is 1468

F	ObsRmp	CalRmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	P5D%	Wts
12	2.8712	.5764	79.9	.0	0	788.9	957.8	-22.6	.8	0
11	1.0404	.6744	35.2	.0	0	458.0	680.9	-31.2	.8	0
10	.8092	.7515	7.1	.0	1	334.2	378.8	-11.8	.1	1
9	.7966	.8049	-1.1	.0	1	238.4	238.5	-.1	.1	1
8	.8221	.8418	-2.4	.0	1	157.3	147.6	6.1	.0	1
7	.8513	.8687	-2.0	.0	1	118.2	99.5	9.7	.1	1
6	.8772	.8980	-1.5	.1	1	78.5	71.9	8.4	2.3	1
5	.8961	.9084	-1.4	.0	1	58.4	56.3	3.6	1.0	1
4	.9138	.9253	-1.3	.0	1	48.0	47.6	.9	1.5	1
3	.9321	.9415	-1.0	.1	1	42.3	42.7	-.9	1.9	1
2	.9478	.9575	-1.1	.1	1	38.5	39.9	-3.7	.5	1
1	.9864	.9735	1.3	.3	1	36.4	38.4	-5.4	1.1	1
0	1.0000	.9895	1.1	.6	1	34.8	37.4	-9.9	5.3	1
-1	1.0281	1.0056	2.2	1.0	1	38.9	36.6	5.9	6.9	1
-2	1.0943	1.0218	6.6	.6	0	21.6	35.9	-66.4	58.5	0
-3	1.0915	1.0381	4.9	1.2	0	39.4	35.2	10.6	38.1	0
-4	1.0514	1.0542	-.3	1.0	1	41.2	34.4	16.5	25.0	0



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

Iter	Lambda	Rchsq	RB	M1	T1	C1	T2
0	1.E-02	.00916	1.110	.205	1.2E+01	.209	1.1E-04
1	1.E-01	.00631	1.000	.101	1.3E+01	.241	9.5E-05
2	1.E-02	.00195	1.103	.189	2.0E+01	.240	6.6E-05
3	1.E-03	.00087	1.001	.166	1.1E+01	.200	6.6E-05
4	1.E-03	.00084	1.061	.150	5.4E+00	.290	6.6E-05
5	1.E-03	.00079	1.044	.134	2.9E+00	.326	6.6E-05
6	1.E-03	.00074	1.034	.123	2.0E+00	.351	6.5E-05
7	1.E-04	.00072	1.020	.117	1.6E+00	.369	6.4E-05
8	1.E-05	.00072	1.020	.116	1.6E+00	.370	6.4E-05

Pct Std Deviations 1.3 11.7 63.1 10.7 5.5

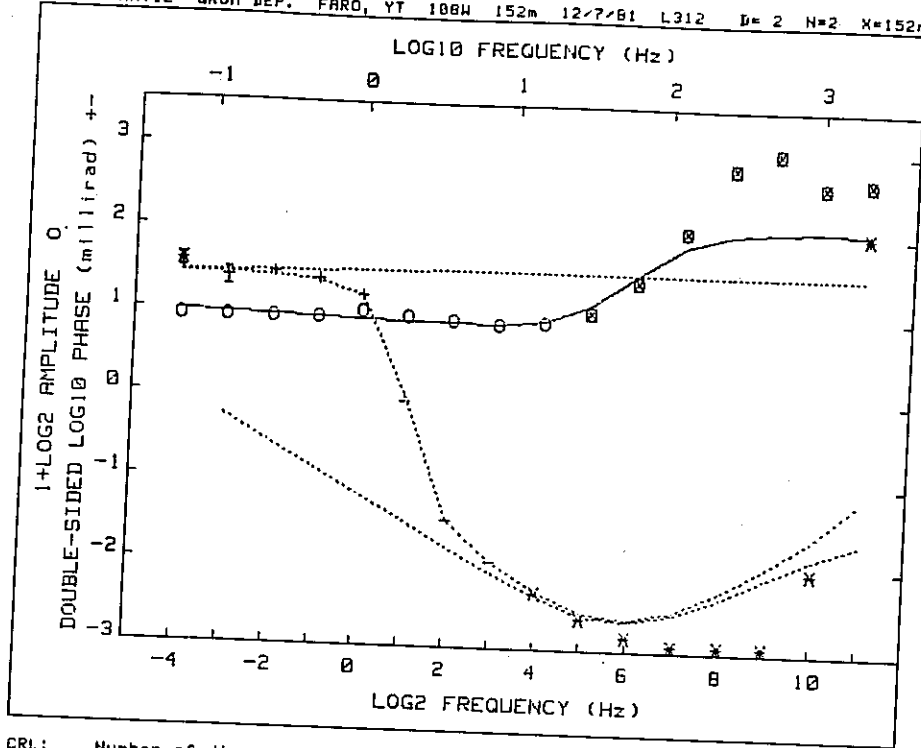
Correlation Matrix

1.000
.917 1.000
.911 .970 1.000
-.862 -.960 -.916 1.000
.413 .540 .336 -.639 1.000

Apparent Resistivity Measured at 1 Hz is 952.6.
 Apparent Resistivity Calculated from Inductive Coupling is 270.9

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	.3665	1.4172	-286.7	.1	0	149.2	-362.5	342.9	.4	0
10	.5123	1.1192	-118.5	2.4	0	216.0	-326.9	251.4	.3	0
9	1.0225	.9746	4.7	1.2	0	-103.4	-206.8	-12.8	4.6	0
8	.9206	.9296	-.1	.4	1	-158.3	-109.1	31.1	1.7	0
7	.8999	.9188	-2.1	.1	1	-69.2	-52.8	23.7	.8	0
6	.9814	.9177	-1.8	.0	1	-25.1	-23.1	8.0	3.6	0
5	.9850	.9194	-1.6	.0	1	-7.2	-7.3	-1.9	3.1	1
4	.9101	.9222	-1.3	.0	1	1.4	1.4	-.8	14.3	1
3	.9183	.9268	-.8	.0	1	6.6	6.7	-2.0	3.0	1
2	.9370	.9385	.7	.1	1	10.7	10.4	3.0	.9	1
1	.9621	.9359	2.7	.2	1	13.6	13.1	3.4	.0	1
0	1.0000	.9423	5.8	.1	1	15.3	15.3	-.1	.0	1
-1	.9499	.9494	.0	.1	1	16.6	17.0	-2.2	.0	1
-2	.9530	.9573	-.4	.0	1	17.9	18.0	-.8	.0	1
-3	.9573	.9655	-.9	.0	1	17.9	18.4	-3.1	2.2	1
-4	.9607	.9739	-1.5	.1	1	18.8	18.2	3.3	2.7	1

CYPRUS ANVIL GRUM DEP. FARO, YT 100W 152m 12/7/61 L312 D= 2 N=2 X=152m



CRL: Number of dispersions= 2 Negative.
 C1=.1 M2=1 T2=.0018 C2=1 fixed

Iter	Lambda	Rchsq	RB	M1	T1
0	1.E-02	.00192	1.298	.578	4.7E-02
1	1.E-02	.00198	1.293	.576	4.6E-02

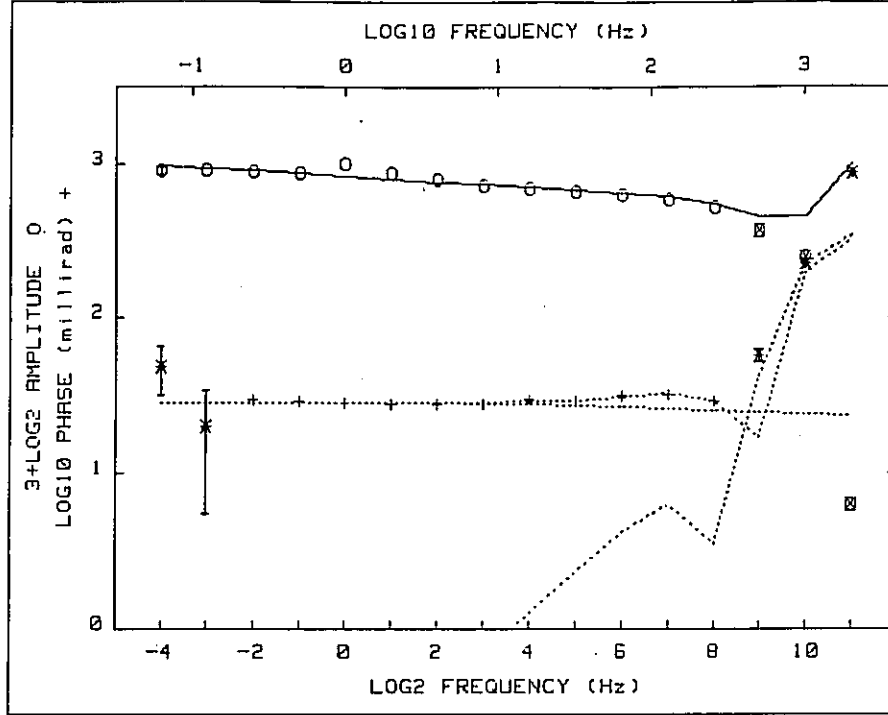
Pct Std Deviations 3.5 5.1 999.9

Correlation Matrix		1.000		
			-0.592	1.000
			.913	-0.827
				1.000

Apparent Resistivity Measured at 1 Hz is 657.5
 Apparent Resistivity Calculated from Inductive Coupling is 25.52

CYPRUS ANVIL GRUM DEP. FARO, YT 100W 152m 12/7/61 L312 D= 2 N=2 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	3.1681	2.8961	33.8	.8	8	107.2	-14.3	113.4	.2	8
10	3.8383	2.1821	30.6	.1	8	-107.7	-48.6	62.3	1.2	8
9	3.9948	2.8927	47.6	.2	8	-843.4	-92.8	89.1	1.2	8
8	3.4898	2.8283	41.9	.0	8	-877.1	-186.2	78.8	.4	8
7	2.8698	1.8161	12.2	.0	8	-857.2	-324.7	62.1	.1	8
6	1.3335	1.4273	-7.8	.2	8	-688.2	-420.6	38.2	.1	8
5	1.8294	1.8937	-6.2	.8	8	-428.6	-355.2	15.6	.1	8
4	.9288	.9522	-1.5	.1	1	-214.6	-285.6	4.2	.3	8
3	.9286	.9194	.1	.8	1	-92.6	-92.8	-.2	.4	1
2	.9375	.9212	1.7	.1	1	-38.2	-38.7	-1.6	.9	1
1	.9687	.9318	3.8	.2	1	-1.2	8.8	100.0	11.8	1
0	1.8888	.9444	5.6	.1	1	15.5	15.6	-.8	1.3	1
-1	.9582	.9573	-.7	.1	1	23.6	22.8	3.5	.4	1
-2	.9556	.9781	-1.5	.1	1	28.3	26.8	8.3	1.3	1
-3	.9548	.9828	-3.8	.4	1	25.8	27.2	-8.6	23.6	1
-4	.9573	.9954	-4.8	.7	1	38.2	27.4	28.4	19.4	8



CRL: Number of dispersions= 3 Negative.
M2=.62 C2=.99 M3=1 T3=.000092 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1	T2
0	1.E-02	.00071	1.272	.417	4.9E+00	.139	1.6E-04
1	1.E-02	.00068	1.292	.445	4.8E+00	.126	1.6E-04
2	1.E-03	.00067	1.315	.470	5.1E+00	.116	1.5E-04
3	1.E-04	.00067	1.348	.493	9.0E+00	.109	1.5E-04

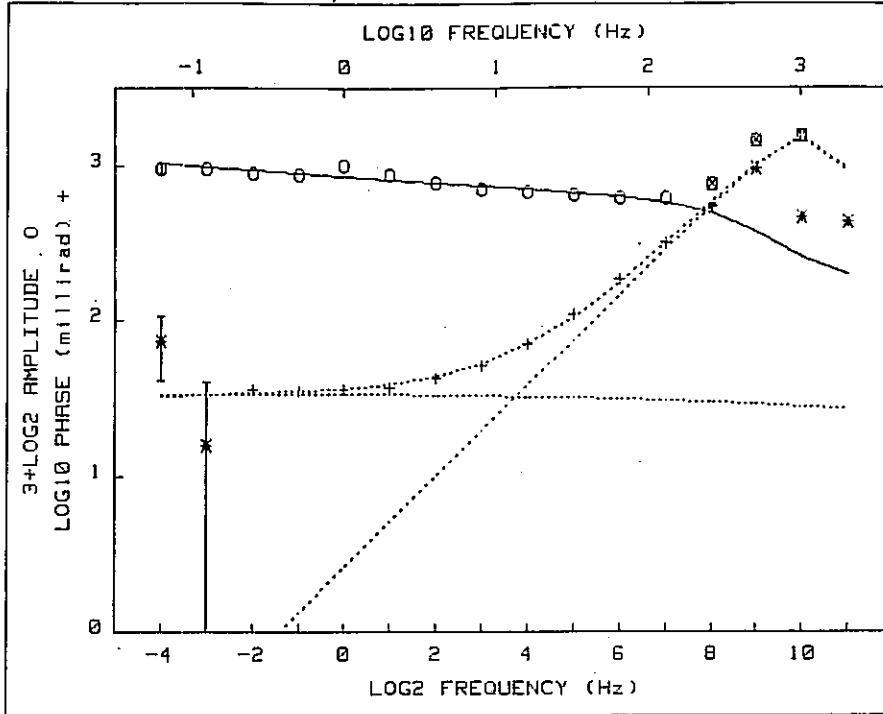
Pct Std Deviations 34.3 69.6 999.9 104.7 2.0

Correlation Matrix

	1.000				
	.991	1.000			
	.988	.959	1.000		
	-.986	-.999	-.950	1.000	
	-.705	-.770	-.606	.707	1.000

Apparent Resistivity Measured at 1 Hz is 581.0
Apparent Resistivity Calculated from Inductive Coupling is 860.8

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	.2164	.9984	-361.5	1.5	0	859.9	315.8	63.3	.2	0
10	.6552	.7853	-19.8	.3	0	220.9	200.5	9.2	.4	0
9	.7354	.7841	-6.6	.2	0	57.9	17.2	70.2	8.0	0
8	.8224	.8325	-1.2	.0	1	29.2	29.1	.3	4.5	1
7	.8485	.8588	-1.2	.0	1	31.0	32.5	-2.3	.9	1
6	.8676	.8741	-.7	.1	1	31.3	30.8	1.5	5.2	1
5	.8815	.8862	-.5	.0	1	29.0	29.6	-2.0	1.1	1
4	.8936	.8975	-.4	.0	1	29.7	29.0	2.5	1.1	1
3	.9065	.9088	-.3	.1	1	28.0	28.7	-2.7	1.5	1
2	.9311	.9204	1.2	.1	1	28.1	28.7	-2.2	.4	1
1	.9594	.9321	2.8	.3	1	27.8	28.8	-3.5	.4	1
0	1.0000	.9440	5.6	.1	1	28.7	28.8	-.5	.7	1
-1	.9548	.9561	-.1	.1	1	29.1	28.8	.9	.7	1
-2	.9612	.9684	-.8	.4	1	30.2	28.8	4.6	3.1	1
-3	.9706	.9808	-1.1	.8	1	20.8	28.7	-43.5	73.0	0
-4	.9677	.9934	-2.6	1.0	1	49.1	28.5	41.9	34.0	0



CRL: Number of dispersions= 2
 M2=1 T2=.0002 C2=.95 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.00066	1.413	.532	9.3E+00	.113
1	1.E-02	.00066	1.413	.532	9.4E+00	.114

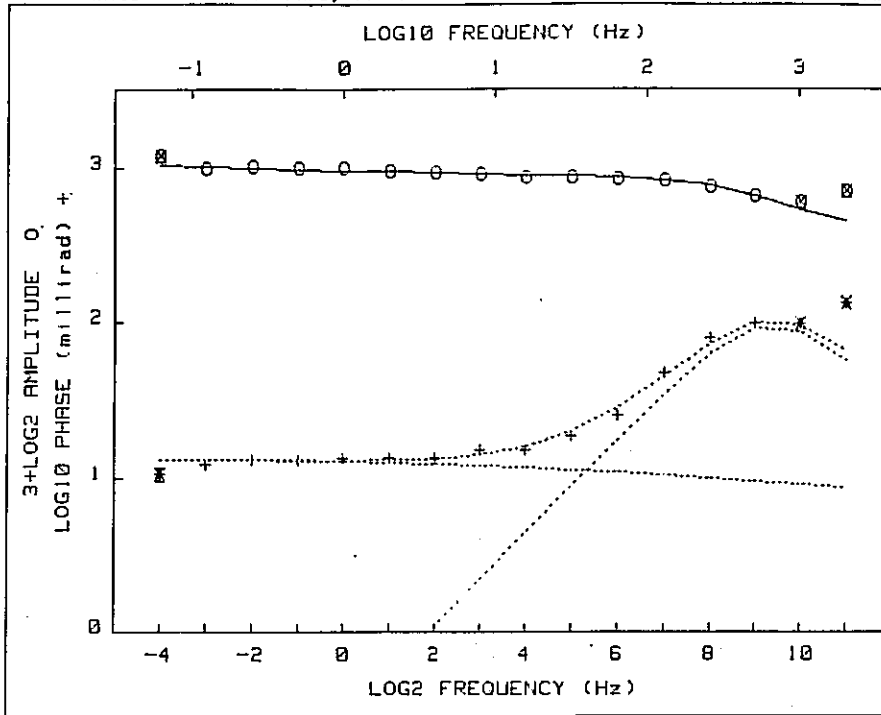
Pct Std Deviations 4.6 18.5 999.9 18.2

Correlation Matrix

	1.000			
	-.198	1.000		
	.832	-.695	1.000	
	.191	-.988	.682	1.000

Apparent Resistivity Measured at 1 Hz is 459.6
 Apparent Resistivity Calculated from Inductive Coupling is 595.7

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	2.8373	.6136	78.4	.8	0	429.1	913.5	-112.9	.8	0
10	1.1448	.6621	42.1	.8	0	457.6	1587.5	-229.4	.6	0
9	1.1165	.7422	33.5	1.2	0	958.7	1028.7	-6.5	1.0	0
8	.9168	.8862	12.1	.1	0	542.8	576.8	-6.3	.1	1
7	.8687	.8428	2.1	.1	1	316.6	316.4	.7	.1	1
6	.8614	.8648	-.4	.1	1	185.8	178.2	4.1	.8	1
5	.8787	.8812	-1.2	.8	1	111.5	106.9	4.1	.7	1
4	.8848	.8956	-1.3	.1	1	71.1	78.6	.7	1.7	1
3	.8998	.9895	-1.2	.1	1	51.4	52.2	-1.6	1.4	1
2	.9273	.9232	.4	.1	1	42.4	43.8	-1.4	.5	1
1	.9581	.9371	2.2	.3	1	36.8	38.4	-4.3	.8	1
0	1.0808	.9512	4.9	.2	1	35.9	36.1	-.5	.8	1
-1	.9573	.9655	-.9	.2	1	35.3	34.9	1.2	1.4	1
-2	.9639	.9888	-1.7	.6	1	36.1	34.2	5.3	4.2	1
-3	.9848	.9947	-1.0	1.4	1	15.9	33.7	-112.0	157.2	0
-4	.9878	1.0895	-2.2	2.8	1	75.8	33.3	55.6	44.3	0



CRL: Number of dispersions= 2
 C1=.13 M2=.14 T2=.00026 C2=1 fixed

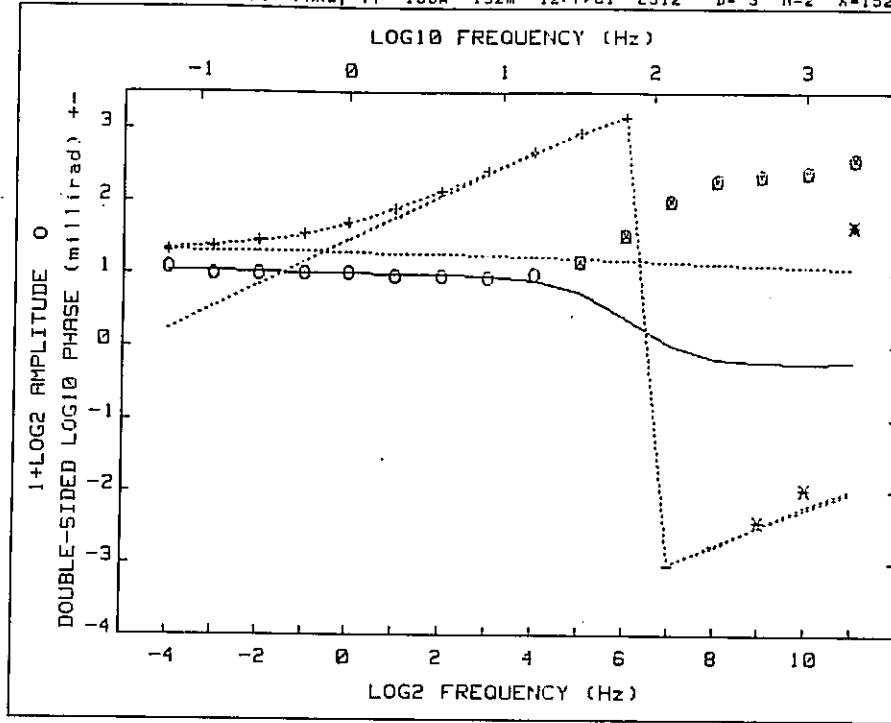
Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00043	1.158	.236	9.2E+00
1	1.E-02	.00043	1.157	.236	9.1E+00

Pct Std Deviations 1.9 3.6 404.6

Correlation Matrix			
	1.000		
	.944	1.000	
	.968	.917	1.000

Apparent Resistivity Measured at 1 Hz is 1200
 Apparent Resistivity Calculated from Inductive Coupling is 473.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	P50%	Wts
11	.9810	.7887	12.5	.1	0	134.1	66.4	50.5	.1	0
10	.8557	.8236	3.7	.1	0	98.2	96.9	1.3	.0	0
9	.8771	.8887	-.4	.0	1	98.0	101.0	-3.1	.1	1
8	.9202	.9255	-.6	.0	1	80.0	72.9	8.9	.4	1
7	.9459	.9458	.0	.0	1	47.8	45.1	5.8	.0	1
6	.9529	.9548	-.2	.0	1	25.5	28.6	-12.0	.4	1
5	.9558	.9607	-.5	.0	1	18.8	20.1	-7.0	.0	1
4	.9603	.9658	-.6	.0	1	15.1	16.0	-6.3	.7	1
3	.9675	.9789	-.4	.0	1	15.1	14.2	6.2	.0	1
2	.9762	.9762	.0	.0	1	13.6	13.4	1.7	.7	1
1	.9840	.9816	.2	.0	1	13.6	13.1	3.8	.0	1
0	1.0000	.9871	1.3	.0	1	13.5	13.0	3.5	.0	1
-1	1.0000	.9927	.7	.0	1	13.3	13.1	1.7	2.3	1
-2	1.0003	.9985	1.0	.0	1	13.2	13.1	.4	1.1	1
-3	.9979	1.0043	-.6	.0	1	12.3	13.2	-7.4	.8	1
-4	1.0531	1.0182	4.1	.4	0	10.7	13.2	-23.6	10.3	0



CRL: Number of dispersions= 2
 C1=.13 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00120	1.255	.357	1.1E+00	3.5E-03
1	1.E-02	.00104	1.258	.354	1.2E+00	3.7E-03
2	1.E-03	.00100	1.265	.353	2.0E+00	3.7E-03
3	1.E-04	.00091	1.301	.345	2.4E+01	3.6E-03
4	1.E-05	.00084	1.344	.357	1.8E+02	3.5E-03
5	1.E-06	.00084	1.359	.363	2.6E+02	3.5E-03
6	1.E-07	.00084	1.362	.364	2.9E+02	3.4E-03

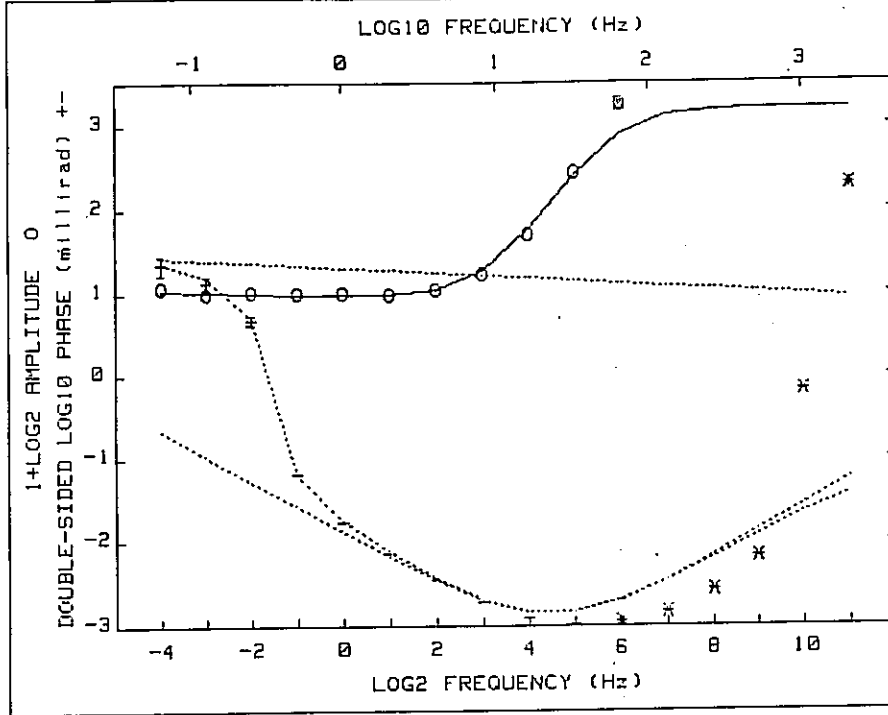
Pct Std Deviations 4.5 5.7 816.0 6.4

Correlation Matrix

1.000				
.915	1.000			
.956	.798	1.000		
-.858	-.890	-.785	1.000	

Apparent Resistivity Measured at 1 Hz is 919.0
 Apparent Resistivity Calculated from Inductive Coupling is 13.16

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	2.9864	.4328	85.5	.0	0	45.1	-96.7	314.4	.0	0
10	2.6369	.4308	83.7	.0	0	-96.8	-171.0	-76.6	.2	0
9	2.5698	.4316	83.2	.0	0	-272.0	-317.0	-16.5	.2	0
8	2.4382	.4494	81.6	.0	0	-598.2	-594.0	.7	.1	1
7	2.0022	.5152	74.3	.0	0	-1109.4	-1059.2	4.5	.1	1
6	1.4461	.6645	54.1	.0	0	1433.0	1474.3	-2.9	.1	1
5	1.1131	.8376	24.8	.0	0	881.8	894.1	-1.4	.1	1
4	.9943	.9356	5.9	.0	1	488.1	486.5	.3	.1	1
3	.9682	.9723	-.4	.0	1	259.8	255.9	1.5	.0	1
2	.9789	.9872	-1.7	.0	1	141.8	137.3	3.2	.1	1
1	.9798	.9967	-1.7	.0	1	81.8	78.1	4.6	.0	1
0	1.0000	1.0053	-.5	.0	1	51.1	48.9	4.3	.0	1
-1	1.0038	1.0141	-1.1	.0	1	35.9	34.7	3.4	.0	1
-2	1.0134	1.0232	-1.0	.0	1	28.8	27.9	3.3	.3	1
-3	1.0088	1.0327	-2.4	.0	1	24.0	24.7	-2.7	1.7	1
-4	1.0712	1.0424	2.7	.5	1	21.9	23.2	-6.1	6.8	1



CRL: Number of dispersions= 2 Negative.
 C1=.13 M2=1 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.01426	2.044	.578	5.2E+06	5.9E-03
1	1.E-02	.01152	2.217	.618	2.1E+07	5.5E-03
2	1.E-02	.00929	2.401	.639	7.7E+07	5.0E-03
3	1.E-02	.00753	2.590	.665	2.4E+08	4.7E-03
4	1.E-02	.00616	2.788	.687	6.6E+08	4.3E-03
5	1.E-02	.00511	2.967	.706	1.6E+09	4.1E-03
6	1.E-02	.00430	3.150	.722	3.5E+09	3.8E-03
7	1.E-02	.00366	3.327	.737	7.0E+09	3.6E-03
8	1.E-02	.00317	3.497	.749	1.3E+10	3.4E-03
9	1.E-02	.00277	3.661	.760	2.3E+10	3.3E-03

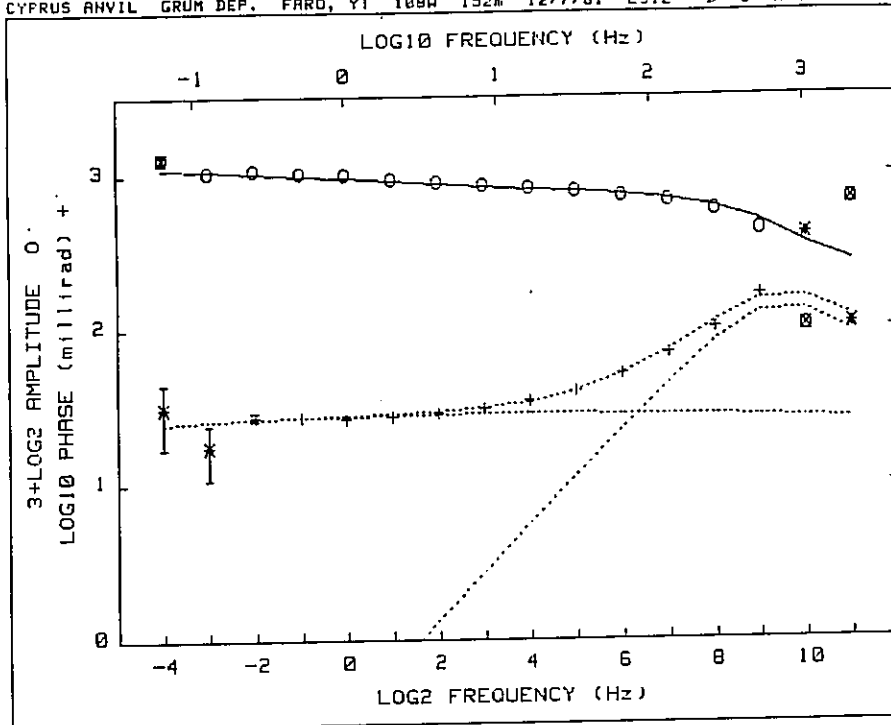
Pct Std Deviations 15.5 4.9 468.4 16.3

Correlation Matrix

1.000			
.994	1.000		
.986	.977	1.000	
-.978	-.966	-.939	1.000

Apparent Resistivity Measured at 1 Hz is 862.7
 Apparent Resistivity Calculated from Inductive Coupling is 26.13

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	9.9202	4.5888	53.8	.8	0	193.2	-17.2	188.9	.8	0
10	9.6688	4.5798	52.6	.8	0	-1.5	-36.1	-999.8	13.3	0
9	9.8864	4.5686	53.4	.8	0	-149.3	-73.6	50.7	.3	0
8	9.4873	4.5142	52.4	.8	0	-375.4	-147.3	68.8	.1	0
7	7.4738	4.3066	42.4	.8	0	-676.3	-284.8	58.8	.0	0
6	4.7478	3.6996	22.1	.8	0	-912.6	-493.5	45.9	.0	0
5	2.7205	2.6489	2.9	.8	1	-968.7	-682.4	29.8	.0	1
4	1.6385	1.6911	-3.7	.8	1	-886.6	-684.6	15.1	.8	1
3	1.1714	1.2883	-2.5	.8	1	-532.3	-493.6	7.3	.8	1
2	1.0249	1.0318	-.7	.1	1	-289.8	-275.7	4.6	.1	1
1	.9988	.9911	-.8	.1	1	-138.3	-132.7	4.1	.1	1
0	1.8888	.9878	1.2	.1	1	-57.1	-55.4	2.9	.2	1
-1	1.8886	.9945	.6	.1	1	-14.9	-15.6	-5.8	1.3	1
-2	1.8178	1.8841	1.4	.2	1	4.9	5.8	-1.8	12.2	1
-3	1.8854	1.8149	-.9	.1	1	13.5	16.1	-19.2	28.8	1
-4	1.8584	1.8267	3.8	.9	1	22.8	22.5	1.3	25.4	1



CRL: Number of dispersions=.2
 C1=.13 M2=.16 T2=.00025 C2=1 fixed

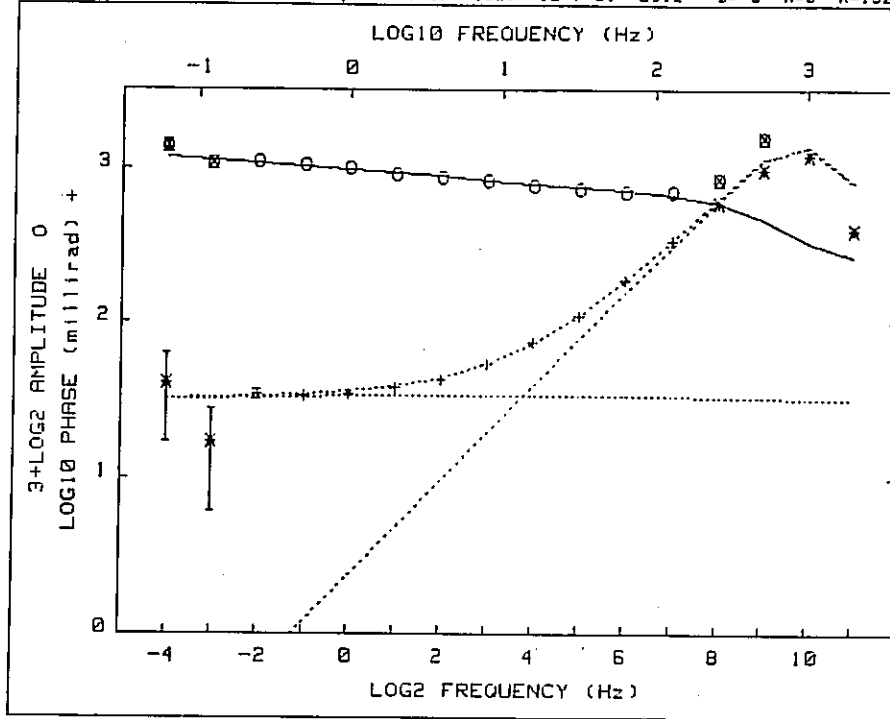
Iter	Lambda	Rchsq	RB	M1	T1
0	1.E-02	.80042	1.244	.440	8.5E-02
1	1.E-02	.80042	1.244	.440	8.5E-02

Pct Std Deviations 2.3 2.3 378.2

Correlation Matrix		1.000		
		-.724	1.000	
		.969	-.844	1.000

Apparent Resistivity Measured at 1 Hz is 629.7
 Apparent Resistivity Calculated from Inductive Coupling is 3376

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	.8863	.6745	23.9	.1	0	104.7	119.2	-13.8	.4	0
10	.5858	.7277	-44.1	.0	0	404.3	158.4	60.8	.2	0
9	.7768	.8858	-3.7	.0	1	164.9	154.4	6.4	.2	1
8	.8513	.8643	-1.5	.1	1	101.2	110.8	-9.5	.1	1
7	.8851	.8930	-.9	.1	1	69.0	72.7	-5.3	.0	1
6	.9068	.9091	-.2	.0	1	51.4	50.8	1.2	1.0	1
5	.9218	.9217	.0	.1	1	39.9	39.5	.9	1.3	1
4	.9339	.9336	.0	.1	1	34.6	33.9	2.0	1.4	1
3	.9495	.9454	.4	.1	1	30.5	31.8	-1.7	.3	1
2	.9618	.9573	.5	.1	1	28.5	29.5	-3.4	.8	1
1	.9753	.9692	.6	.2	1	27.5	28.5	-3.6	.0	1
0	1.0000	.9812	1.9	.2	1	26.9	27.8	-3.2	.7	1
-1	1.0063	.9931	1.3	.2	1	27.3	27.1	.6	1.1	1
-2	1.0225	1.0049	1.7	.5	1	27.4	26.5	3.3	5.0	1
-3	1.0144	1.0166	-.2	.3	1	17.4	25.6	-40.3	38.5	0
-4	1.0796	1.0282	4.0	1.0	0	31.0	25.1	19.1	44.5	0



CRL: Number of dispersions= 2
 C1=.097 M2=1 C2=.99 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00043	1.470	.597	1.5E+00	2.1E-04
1	1.E-02	.00016	1.479	.597	1.5E+00	2.3E-04
2	1.E-03	.00016	1.479	.596	1.6E+00	2.3E-04

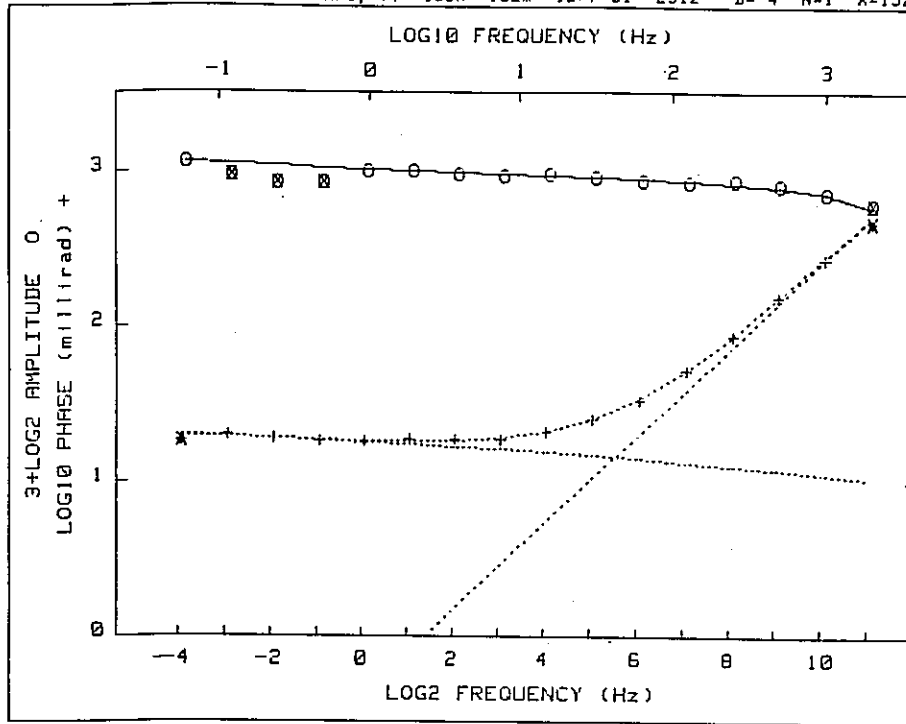
Pct Std Deviations 4.5 2.1 999.9 3.7

Correlation Matrix

	1.000			
	-.827	1.000		
	.991	-.888	1.000	
	-.795	.491	-.756	1.000

Apparent Resistivity Measured at 1 Hz is 465.1
 Apparent Resistivity Calculated from Inductive Coupling is 821.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	4.0414	.6715	83.4	.0	0	403.5	783.3	-94.1	.1	0
10	1.4211	.7183	49.5	.0	0	1196.1	1352.7	-12.9	.1	0
9	1.1409	.7961	30.2	.0	0	971.3	1138.4	-17.2	.1	0
8	.9538	.8557	10.3	.0	0	594.6	637.7	-7.2	.1	0
7	.9813	.8864	1.7	.1	1	337.4	343.4	-1.8	.1	1
6	.9813	.9844	-.3	.1	1	189.2	189.2	-.0	.6	1
5	.9188	.9189	-1.0	.1	1	111.6	111.4	.2	.5	1
4	.9218	.9328	-1.2	.1	1	74.8	72.5	3.1	.8	1
3	.9415	.9468	-.6	.2	1	53.9	53.1	1.6	1.1	1
2	.9558	.9618	-.6	.2	1	42.9	43.3	-1.0	.7	1
1	.9711	.9754	-.4	.3	1	38.1	38.4	-.8	.8	1
0	1.0000	.9899	1.0	.3	1	34.6	35.8	-3.4	.9	1
-1	1.0095	1.0046	.5	.3	1	33.5	34.3	-2.5	1.8	1
-2	1.0288	1.0194	.9	.9	1	34.5	33.4	3.2	7.6	1
-3	1.0192	1.0342	-1.5	.3	0	16.9	32.7	-93.4	63.9	0
-4	1.1033	1.0498	4.9	2.8	0	48.2	32.1	28.2	57.5	0



CRL: Number of dispersions= 2
 M2=.98 C2=.294 fixed

Iter	Lambda	Rchsq	RB	M1	T1	C1	T2
0	1.E-02	.00007	1.307	.324	1.3E+02	.133	2.9E-05
1	1.E-02	.00007	1.307	.323	1.3E+02	.133	2.9E-05
2	1.E-02	.00007	1.308	.323	1.3E+02	.133	2.9E-05

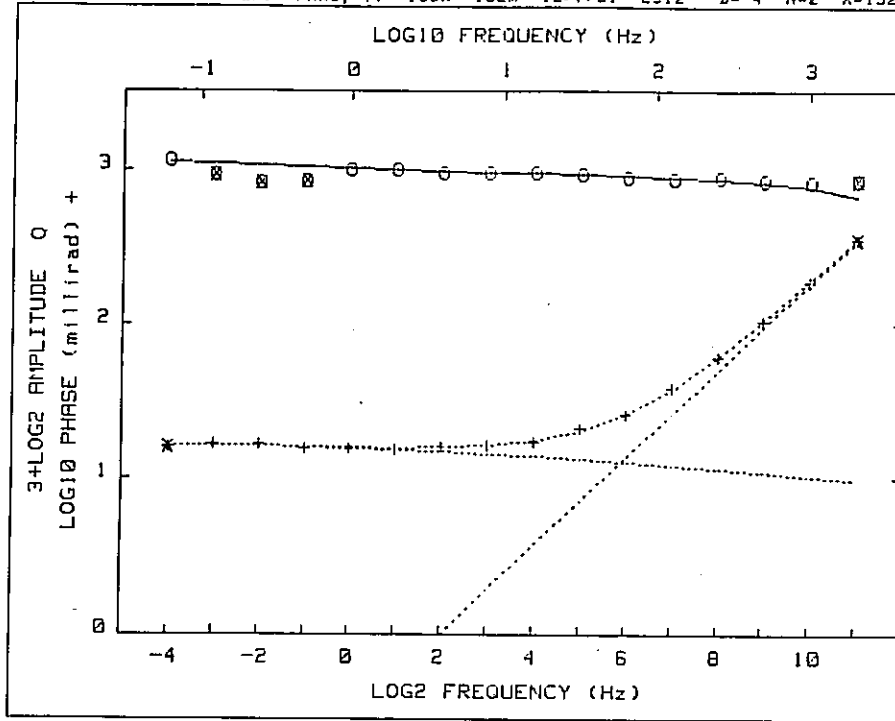
Pct Std Deviations 9.4 26.3 999.9 25.3 11.4

Correlation Matrix

1.000						
.998	1.000					
.999	.996	1.000				
-.989	-.996	-.984	1.000			
-.992	-.995	-.989	.991	1.000		

Apparent Resistivity Measured at 1 Hz is 1483
 Apparent Resistivity Calculated from Inductive Coupling is 502.8

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	.8632	.8478	1.9	.0	0	467.9	516.3	-10.3	.8	0
10	.9039	.9051	-.1	.0	1	277.9	283.6	-2.0	.0	1
9	.9307	.9317	-.7	.0	1	157.0	155.3	1.1	.0	1
8	.9545	.9457	.9	.1	1	88.5	87.5	1.1	.1	1
7	.9519	.9558	-.3	.0	1	52.8	52.3	.9	.0	1
6	.9592	.9626	-.4	.0	1	34.0	34.3	-1.0	.0	1
5	.9716	.9697	.2	.1	1	25.2	25.3	-.5	.0	1
4	.9838	.9766	.7	.0	1	21.1	21.0	.6	.0	1
3	.9799	.9837	-.4	.1	1	18.9	19.0	-.8	.0	1
2	.9871	.9911	-.4	.1	1	18.7	18.4	1.9	.5	1
1	.9954	.9987	-.3	.0	1	18.7	18.3	2.3	.0	1
0	1.0000	1.0000	-.7	.2	1	18.4	18.5	-.5	.0	1
-1	.9531	1.0149	-6.5	.1	0	18.2	18.0	-3.6	.0	1
-2	.9476	1.0235	-8.0	.0	0	19.0	19.2	-1.2	.5	1
-3	.9820	1.0323	-5.1	.4	0	20.1	19.6	2.5	2.5	1
-4	1.0413	1.0414	-.0	.3	1	18.5	19.9	-7.6	2.2	0



CRL: Number of dispersions= 2
 M2=1 T2=.80002 C2=.94 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.00012	1.213	.260	1.4E+01	.139
1	1.E-02	.00012	1.214	.261	1.4E+01	.138

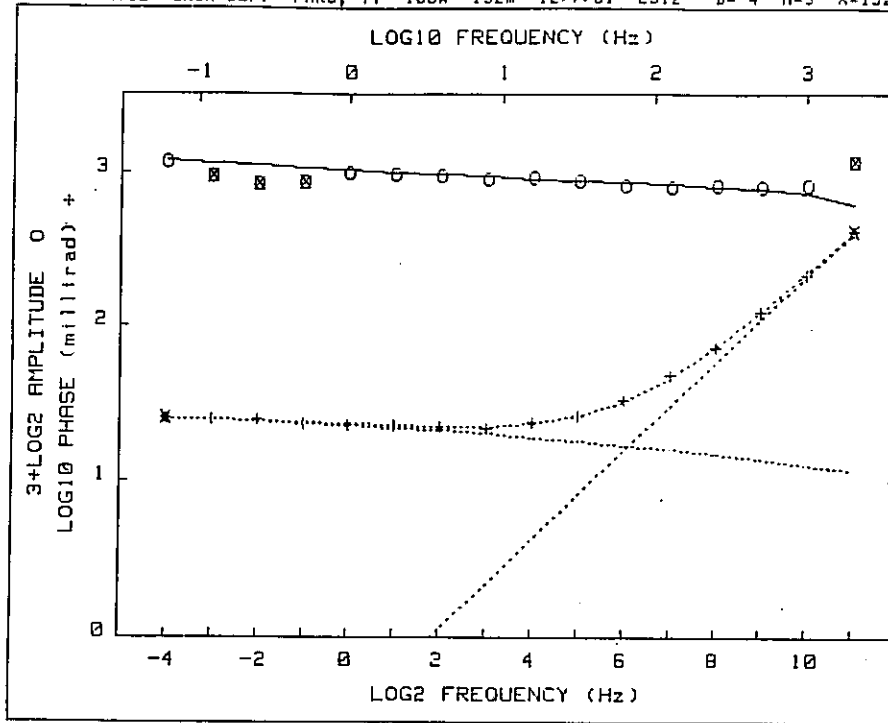
Pct Std Deviations 1.5 4.8 113.0 5.0

Correlation Matrix

	1.000
	.934 1.000
	.954 .827 1.000
	-.795 -.915 -.566 1.000

Apparent Resistivity Measured at 1 Hz is 1183
 Apparent Resistivity Calculated from Inductive Coupling is 1860

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	.9589	.8883	6.6	.8	0	352.6	353.8	-.3	.0	0
10	.9438	.9267	1.7	.0	1	191.3	193.2	-1.0	.1	1
9	.9527	.9446	.8	.1	1	106.2	106.8	-.5	.0	1
8	.9610	.9558	.6	.1	1	61.7	61.5	.4	.2	1
7	.9559	.9625	-.7	.0	1	38.9	38.1	2.1	.0	1
6	.9623	.9689	-.7	.0	1	26.2	26.2	.1	.4	1
5	.9745	.9751	-.1	.1	1	21.1	20.3	4.8	1.4	1
4	.9858	.9812	.5	.0	1	17.0	17.4	-2.6	1.2	1
3	.9821	.9875	-.5	.1	1	16.2	16.2	.0	.6	1
2	.9876	.9948	-.6	.1	1	16.0	15.8	1.5	.0	1
1	.9951	1.0006	-.6	.0	1	15.3	15.7	-2.7	.0	1
0	1.0000	1.0075	-.8	.2	1	15.7	15.8	-.9	.0	1
-1	.9523	1.0146	-6.5	.1	0	15.6	16.0	-2.8	.0	1
-2	.9461	1.0219	-8.0	.0	0	16.7	16.2	2.9	.6	1
-3	.9798	1.0293	-5.0	.4	0	16.6	16.4	1.5	3.0	1
-4	1.0392	1.0368	.2	.3	1	15.8	16.4	-4.1	3.8	0



CRL: Number of dispersions= 2
 M2=1 T2=.00021 C2=.94 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.00030	1.283	.312	1.4E+01	.167
1	1.E-02	.00028	1.289	.319	1.5E+01	.162
2	1.E-03	.00027	1.300	.325	2.0E+01	.159
3	1.E-04	.00026	1.322	.336	3.0E+01	.156
4	1.E-05	.00026	1.320	.330	4.4E+01	.156

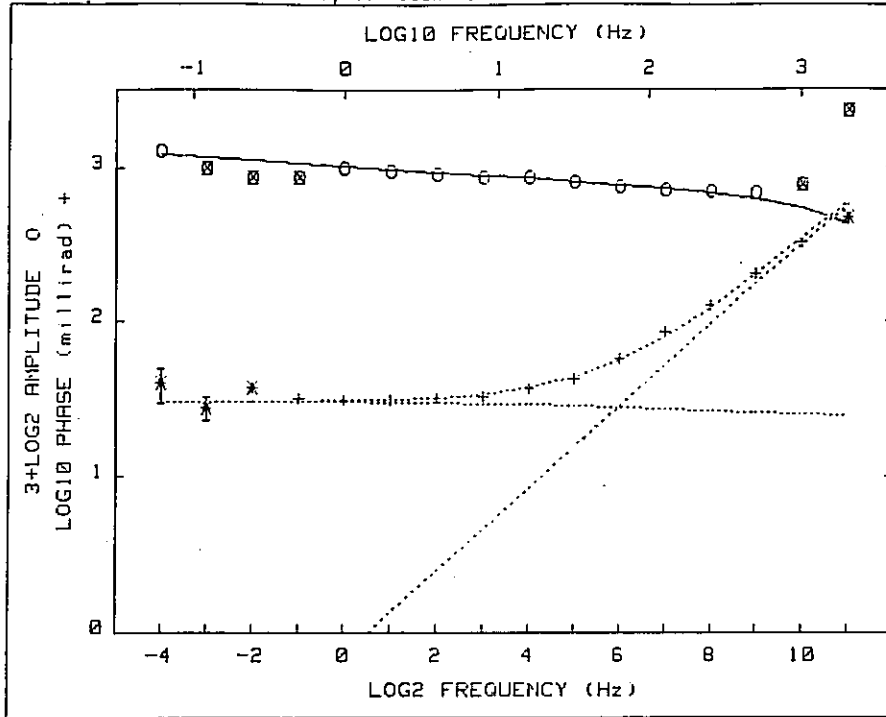
Pct Std Deviations 2.3 4.9 129.1 5.3

Correlation Matrix

1.000				
.938	1.000			
.972	.881	1.000		
-.554	-.785	-.454	1.000	

Apparent Resistivity Measured at 1 Hz is 799.0
 Apparent Resistivity Calculated from Inductive Coupling is 3364

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	1.0478	.8693	17.0	.0	0	414.6	411.2	.8	.0	0
10	.9463	.9002	4.0	.0	1	218.0	224.6	-3.0	.1	1
9	.9370	.9275	1.0	.0	1	123.1	124.6	-1.2	.1	1
8	.9420	.9392	.3	.1	1	72.4	72.5	-.1	.6	1
7	.9395	.9403	-.9	.0	1	47.6	45.0	3.9	.0	1
6	.9470	.9564	-1.0	.0	1	32.9	32.4	1.6	.0	1
5	.9619	.9644	-.3	.1	1	26.1	25.9	.6	.0	1
4	.9755	.9726	.3	.0	1	23.9	23.1	3.3	.4	1
3	.9734	.9811	-.8	.1	1	21.6	22.1	-2.3	.7	1
2	.9810	.9901	-.8	.1	1	22.1	22.0	.3	.5	1
1	.9923	.9995	-.7	.0	1	22.4	22.4	-.0	.0	1
0	1.0000	1.0000	-1.0	.2	1	22.7	23.0	-1.2	.0	1
-1	.9544	1.0200	-6.9	.1	0	23.2	23.6	-1.6	.4	1
-2	.9511	1.0300	-8.4	.0	0	24.6	24.1	1.9	1.2	1
-3	.9870	1.0420	-5.5	.4	0	24.0	24.6	.7	3.7	1
-4	1.0516	1.0536	-.2	.4	1	25.2	25.0	.8	6.7	0



CRL: Number of dispersions= 2
 C1=.1 M2=1 C2=.86 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.80029	1.542	.544	4.4E+01	2.2E-05
1	1.E-02	.80028	1.542	.544	4.4E+01	2.3E-05
2	1.E-03	.80028	1.547	.545	5.1E+01	2.3E-05

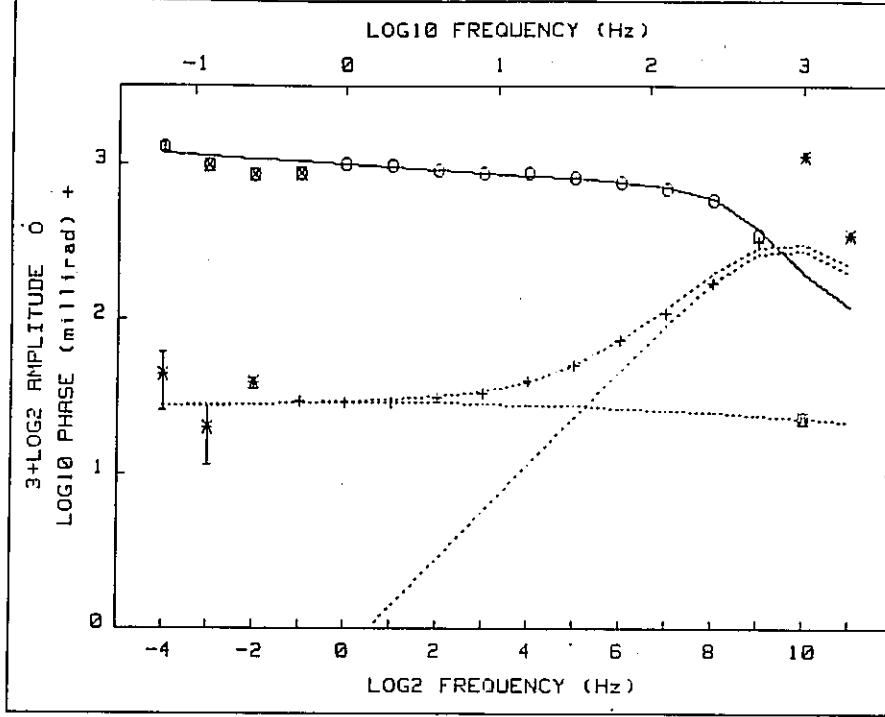
Pct Std Deviations 6.6 2.5 999.9 6.5

Correlation Matrix

1.000				
.940	1.000			
.993	.903	1.000		
-.885	-.918	-.861	1.000	

Apparent Resistivity Measured at 1 Hz is 581.9
 Apparent Resistivity Calculated from Inductive Coupling is 3811

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	1.2027	.7747	39.6	.8	0	467.9	596.0	-27.4	.1	0
10	.9269	.8381	10.4	.8	0	324.9	344.6	-6.1	.2	1
9	.8983	.8668	2.6	.8	1	283.8	281.6	1.1	.8	1
8	.8974	.8919	.6	.1	1	126.4	122.7	2.9	.1	1
7	.9017	.9108	-1.0	.8	1	85.8	79.7	6.3	1.1	1
6	.9199	.9264	-.7	.1	1	57.4	56.4	1.7	.8	1
5	.9391	.9485	-.1	.1	1	42.8	44.0	-2.8	2.3	1
4	.9573	.9538	.4	.1	1	36.6	37.4	-2.2	1.6	1
3	.9598	.9678	-.8	.1	1	32.6	34.8	-4.3	1.7	1
2	.9709	.9881	-.9	.1	1	32.3	32.3	.1	1.2	1
1	.9878	.9934	-.6	.2	1	31.6	31.4	.5	.6	1
0	1.0000	1.0069	-.7	.3	1	31.2	31.0	.5	.6	1
-1	.9559	1.0206	-6.8	.2	0	32.1	38.9	3.9	.6	1
-2	.9554	1.0346	-8.3	.1	0	37.7	38.8	18.4	4.8	0
-3	.9977	1.0487	-5.1	.4	0	28.2	38.7	-8.8	17.8	0
-4	1.8764	1.8638	1.2	1.3	1	48.3	38.6	24.2	25.3	0



CRL: Number of dispersions= 2
 C1=.15 M2=.3 T2=.00028 C2=1 fixed

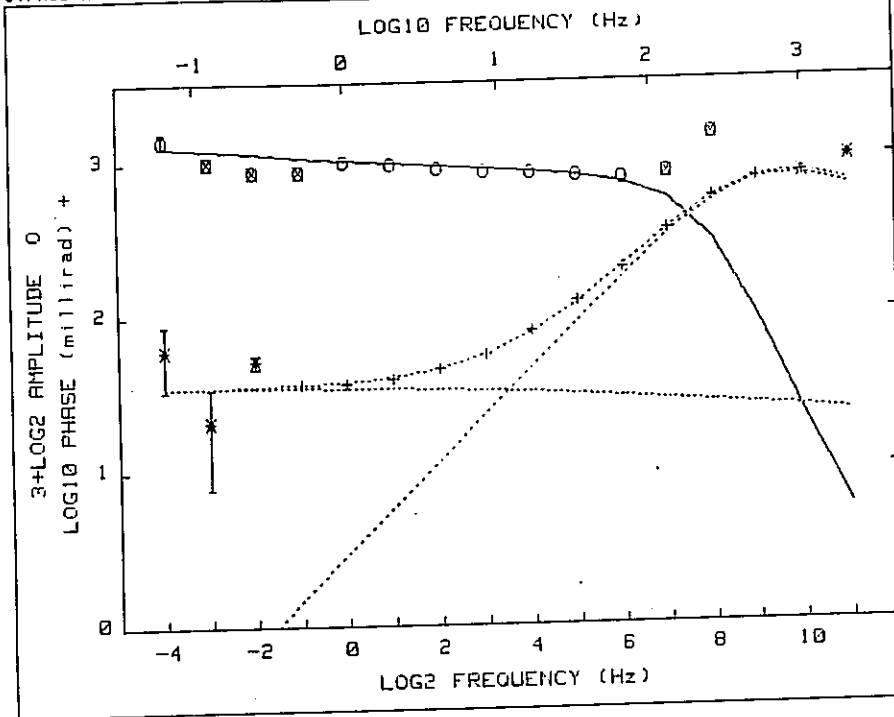
Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00056	1.268	.391	5.9E-01
1	1.E-02	.00055	1.268	.391	5.9E-01

Pct Std Deviations 3.5 1.7 512.0

Correlation Matrix		1.000		
		.409	1.000	
		.978	.265	1.000

Apparent Resistivity Measured at 1 Hz is 522.2
 Apparent Resistivity Calculated from Inductive Coupling is 2318

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	2.8507	.5313	74.1	.0	0	350.2	222.8	36.4	.1	0
10	.3220	.6167	-91.6	.3	0	1120.2	300.2	73.2	.2	0
9	.7274	.7499	-3.1	.1	1	317.3	286.7	9.6	.2	1
8	.8499	.8530	-.4	.1	1	173.9	196.6	-13.1	.1	1
7	.8893	.8997	-1.2	.1	1	110.5	118.4	-7.2	.5	1
6	.9168	.9285	-.5	.1	1	73.7	73.6	.2	2.2	1
5	.9373	.9341	.3	.2	1	51.2	50.8	.8	1.0	1
4	.9569	.9462	1.1	.1	1	40.0	39.7	2.8	2.9	1
3	.9594	.9583	.1	.1	1	33.5	34.3	-2.5	1.2	1
2	.9694	.9786	-.1	.2	1	31.6	31.0	-.5	1.0	1
1	.9883	.9833	.5	.3	1	29.3	30.5	-4.1	1.1	1
0	1.0000	.9961	.4	.4	1	29.5	29.8	-1.1	1.7	1
-1	.9548	1.0091	-5.7	.3	0	29.6	29.3	1.0	1.4	1
-2	.9522	1.0221	-7.3	.1	0	39.4	28.8	26.8	0.1	0
-3	.9923	1.0351	-4.3	.5	0	20.1	20.3	-40.8	42.8	0
-4	1.0770	1.0481	2.7	2.2	1	44.3	27.7	37.5	40.6	0



CRL: Number of dispersions= 2
 C1=.15 M2=.52 T2=.00053 C2=.97 fixed

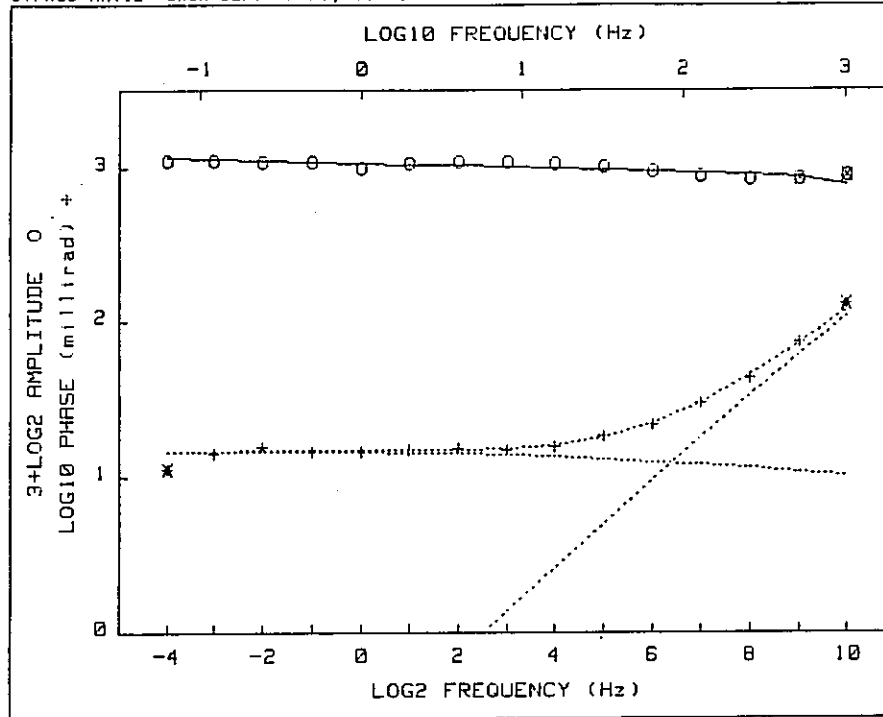
Iter	Lambda	Rchsq	RB	M1	T1
0	1.E-02	.00026	1.398	.444	5.6E+00
1	1.E-02	.00026	1.399	.444	5.6E+00

Pct Std Deviations 2.8 1.2 127.6

Correlation Matrix		1.000		
		.549	1.000	
		.951	.342	1.000

Apparent Resistivity Measured at 1 Hz is 377.0
 Apparent Resistivity Calculated from Inductive Coupling is 882.6

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
11	4.8239	.2892	95.7	.0	0	970.5	663.6	31.6	.0	0
10	4.0415	.3113	92.3	.0	0	776.8	778.5	-.2	.1	0
9	1.7259	.4871	71.8	.0	0	748.7	741.3	-.1	.2	1
8	1.1114	.6931	37.6	.1	0	552.9	557.9	-.9	.1	1
7	.9377	.8347	11.8	.1	0	346.4	348.1	-.5	.4	1
6	.9165	.8999	1.8	.1	1	200.1	201.5	-.7	.6	1
5	.9292	.9294	-.8	.3	1	120.4	119.1	1.1	1.1	1
4	.9422	.9474	-.6	.1	1	78.8	76.4	3.0	1.5	1
3	.9497	.9624	-1.3	.2	1	55.3	55.0	.6	1.1	1
2	.9618	.9770	-1.7	.2	1	44.3	44.4	-.3	1.8	1
1	.9859	.9917	-.6	.5	1	39.5	39.4	-2.2	1.6	1
0	1.0000	1.0068	-.7	.6	1	36.4	37.0	-1.5	1.6	1
-1	.9557	1.0223	-7.8	.4	0	35.8	35.8	-.1	1.7	1
-2	.9548	1.0381	-8.8	.1	0	58.8	35.2	38.6	9.4	0
-3	.9987	1.0542	-5.6	.6	0	28.6	34.8	-69.8	62.6	0
-4	1.1038	1.0704	3.0	3.1	1	68.2	34.4	42.8	45.7	0



CRL: Number of dispersions= 2
 C1=.15 M2=.26 T2=.000050 C2=.93 fixed

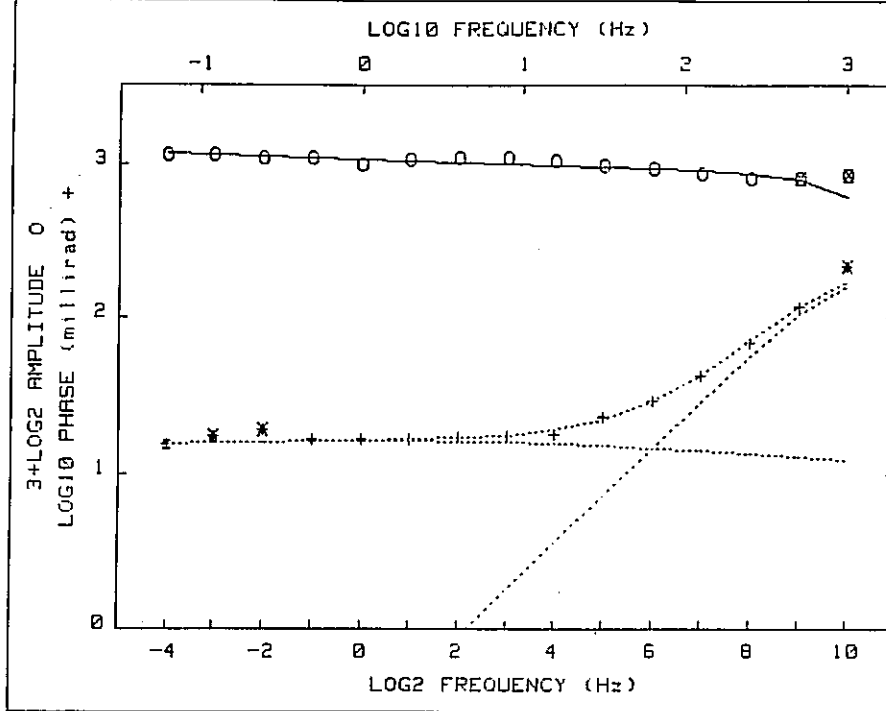
Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00034	1.171	.220	1.3E+00
1	1.E-02	.00034	1.171	.220	1.3E+00

Pct Std Deviations 1.8 1.9 119.1

Correlation Matrix		1.000		
		.817	1.000	
		.914	.753	1.000

Apparent Resistivity Measured at 1 Hz is 1384
 Apparent Resistivity Calculated from Inductive Coupling is 898.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9688	.9218	4.1	.2	0	131.7	117.5	10.8	.8	8
9	.9507	.9548	-3	.1	0	74.5	73.1	1.9	.1	1
8	.9588	.9691	-1.9	.8	1	43.9	45.3	-3.1	.8	1
7	.9659	.9779	-1.2	.1	1	38.1	29.9	.6	.3	1
6	.9864	.9847	.2	.1	1	21.5	21.9	-2.0	1.9	1
5	1.0035	.9989	1.3	.1	1	18.4	17.9	2.7	.5	1
4	1.0176	.9970	2.0	.1	1	15.7	16.8	-1.8	.6	1
3	1.0293	1.0032	2.5	.1	1	14.9	15.1	-1.5	.8	1
2	1.0298	1.0095	2.0	.1	1	15.1	14.8	2.0	.7	1
1	1.0213	1.0159	.5	.3	1	14.7	14.7	-.1	.8	1
0	1.0000	1.0225	-2.2	.2	1	14.6	14.7	-.8	.7	1
-1	1.0263	1.0292	-.3	.1	1	14.6	14.7	-.8	.8	1
-2	1.0265	1.0359	-.9	.3	1	15.6	14.7	5.8	2.8	1
-3	1.0365	1.0427	-.6	.2	1	14.2	14.6	-3.0	3.5	1
-4	1.0347	1.0494	-1.4	.4	1	11.1	14.5	-38.4	5.4	8



CRL: Number of dispersions= 2
 C1=.15 M2=.24 T2=.00013 C2=1 fixed

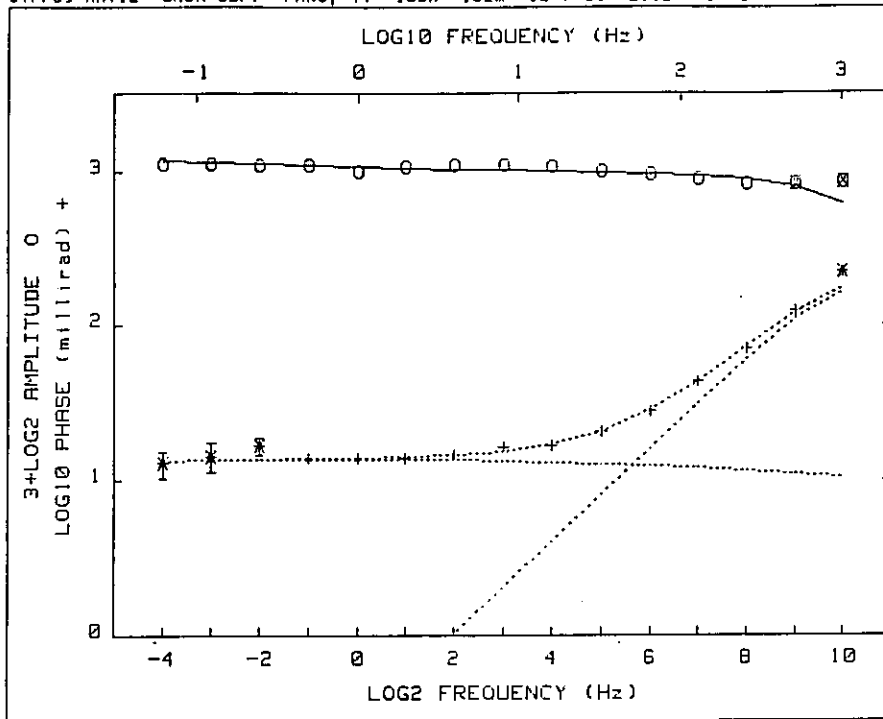
Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00029	1.172	.240	4.2E-01
1	1.E-02	.00029	1.172	.240	4.2E-01

Pct Std Deviations .9 1.3 107.7

Correlation Matrix		1.000		
		.557	1.000	
		.985	.392	1.000

Apparent Resistivity Measured at 1 Hz is 1751
 Apparent Resistivity Calculated from Inductive Coupling is 1512

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9492	.8586	9.5	.2	0	217.3	173.1	20.4	.1	0
9	.9373	.9286	.9	.1	0	119.9	118.0	1.6	.1	1
8	.9400	.9585	-2.0	.0	1	69.0	70.3	-.8	.0	1
7	.9564	.9712	-1.5	.1	1	42.2	43.0	-1.9	.2	1
6	.9772	.9791	-.2	.1	1	29.0	29.1	-.2	.3	1
5	.9948	.9868	.9	.1	1	23.2	22.3	4.0	.4	1
4	1.0111	.9928	1.8	.0	1	18.1	19.1	-5.3	1.7	1
3	1.0235	.9997	2.3	.1	1	17.4	17.6	-.9	.0	1
2	1.0257	1.0068	1.8	.1	1	17.1	16.9	1.2	.0	1
1	1.0184	1.0141	.4	.3	1	16.6	16.6	.0	.0	1
0	1.0000	1.0214	-2.1	.2	1	16.6	16.4	1.0	.0	1
-1	1.0275	1.0200	-.7	.1	1	16.6	16.3	1.9	.0	1
-2	1.0296	1.0362	-.6	.3	1	19.4	16.1	17.0	3.6	0
-3	1.0429	1.0436	-.1	.2	1	17.5	15.9	9.3	5.1	0
-4	1.0434	1.0589	-.7	.4	1	15.4	15.6	-1.1	6.5	1



CRL: Number of dispersions= 2
 C1=.15 M2=.26 T2=.00013 C2=.98 fixed

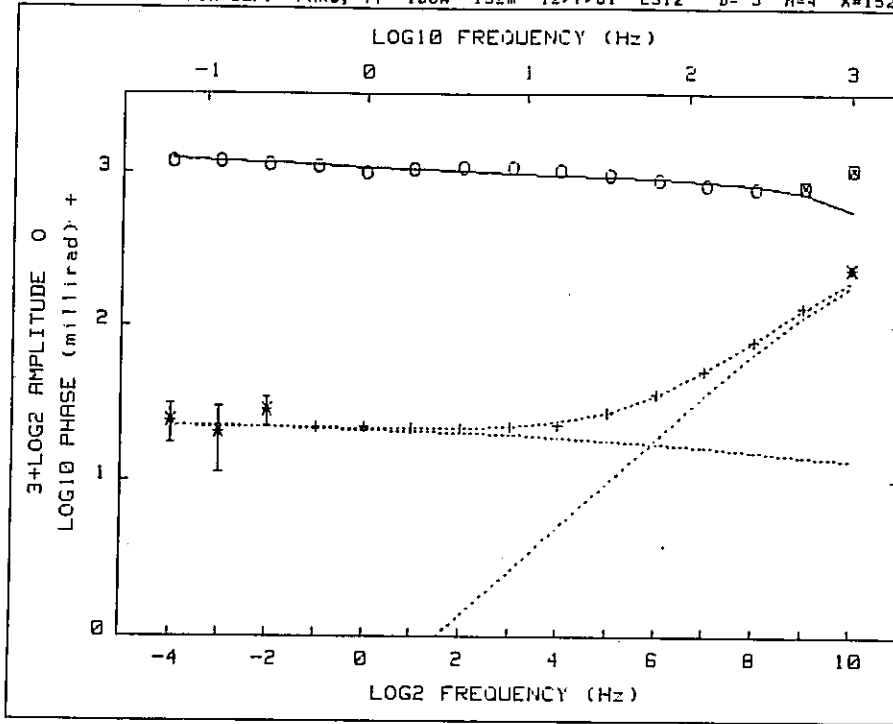
Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00032	1.147	.206	3.9E-01
1	1.E-02	.00032	1.147	.206	3.9E-01

Pct Std Deviations 1.3 2.1 257.1

Correlation Matrix 1.000
 .789 1.000
 .955 .718 1.000

Apparent Resistivity Measured at 1 Hz is 1329
 Apparent Resistivity Calculated from Inductive Coupling is 2489

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9510	.8599	9.6	.2	0	222.1	176.9	20.4	.1	0
9	.9433	.9322	1.2	.1	0	123.5	121.6	1.5	.1	1
8	.9454	.9639	-2.0	.0	1	71.7	72.4	-1.0	.0	1
7	.9634	.9770	-1.4	.1	1	43.4	43.4	.0	1.2	1
6	.9832	.9846	-.1	.1	1	27.8	28.3	-1.8	.0	1
5	1.0009	.9907	1.0	.1	1	20.8	20.8	.2	.5	1
4	1.0164	.9966	1.9	.1	1	16.5	17.1	-3.5	.6	1
3	1.0280	1.0025	2.5	.1	1	16.2	15.3	5.4	1.4	1
2	1.0275	1.0085	1.8	.1	1	14.6	14.5	.6	1.4	1
1	1.0200	1.0147	.5	.3	1	13.9	14.1	-1.7	.7	1
0	1.0000	1.0200	-2.1	.2	1	13.8	13.9	-.9	.7	1
-1	1.0255	1.0271	-.2	.1	1	13.9	13.8	.9	.7	1
-2	1.0256	1.0333	-.8	.3	1	16.6	13.6	18.0	12.7	0
-3	1.0366	1.0395	-.3	.2	1	14.2	13.4	5.6	21.0	0
-4	1.0337	1.0457	-1.2	.4	1	12.8	13.2	-2.8	19.5	0



CRL: Number of dispersions= 2
 C1=.15 M2=.28 T2=.0001 C2=.94 fixed

Iter	Lambda	Rchsq	RB	M1	T1
0	1.E-02	.00029	1.288	.316	1.1E+01
1	1.E-02	.00029	1.288	.316	1.1E+01

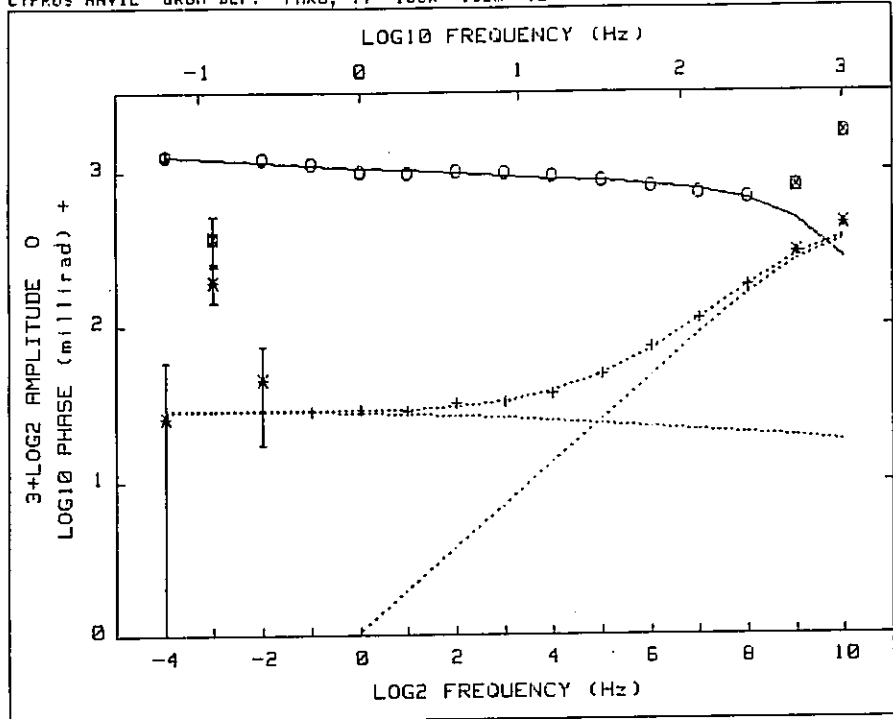
Pct Std Deviations 2.9 4.5 273.2

Correlation Matrix

	1.000			
	.982	1.000		
	.987	.965	1.000	

Apparent Resistivity Measured at 1 Hz is 801.9
 Apparent Resistivity Calculated from Inductive Coupling is 4014

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0152	.8429	17.0	.2	0	237.9	196.8	17.3	.8	0
9	.9392	.9182	3.1	.1	0	133.4	131.2	1.7	.1	1
8	.9285	.9418	-1.4	.1	1	79.0	80.7	-2.2	.1	1
7	.9447	.9575	-1.4	.1	1	58.9	51.1	-4.4	1.2	1
6	.9671	.9678	-.1	.1	1	35.8	35.4	1.2	1.4	1
5	.9869	.9765	1.0	.1	1	27.5	27.4	.3	.4	1
4	1.0048	.9858	2.0	.0	1	22.6	23.7	-4.7	.4	1
3	1.0174	.9936	2.3	.1	1	22.3	22.0	1.2	1.0	1
2	1.0208	1.0025	1.8	.1	1	21.0	21.5	1.4	.6	1
1	1.0154	1.0117	.4	.4	1	21.5	21.5	.1	.7	1
0	1.0000	1.0213	-2.1	.2	1	22.2	21.7	2.3	.5	1
-1	1.0300	1.0311	-.1	.2	1	21.9	21.9	-.2	1.4	1
-2	1.0341	1.0413	-.7	.3	1	28.3	22.2	21.6	20.8	0
-3	1.0489	1.0516	-.3	.4	1	20.5	22.4	-9.1	44.9	0
-4	1.0455	1.0621	-1.6	.5	1	24.2	22.4	7.3	28.1	0



CRL: Number of dispersions= 2
 C1=.15 M2=.39 T2=.00017 C2=.91 fixed

Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00021	1.356	.387	9.2E+00
1	1.E-02	.00021	1.356	.387	9.2E+00

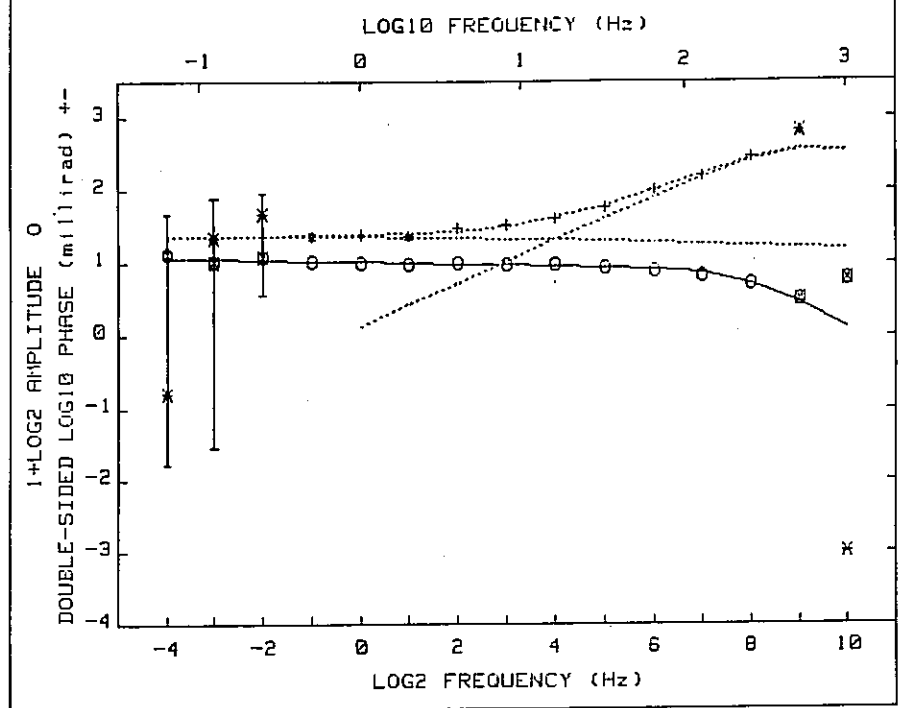
Pct Std Deviations 3.1 2.9 246.0

Correlation Matrix

	1.000		
	.978	1.000	
	.989	.941	1.000

Apparent Resistivity Measured at 1 Hz is 569.6
 Apparent Resistivity Calculated from Inductive Coupling is 2183

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.1860	.6728	43.3	.2	0	450.3	376.0	16.5	.0	0
9	.9305	.0032	13.7	.1	0	292.9	281.5	3.9	.0	0
8	.8868	.8813	.5	.0	1	180.7	180.2	.3	.1	1
7	.9030	.9195	-1.8	.1	1	110.8	110.8	-.0	1.8	1
6	.9298	.9481	-1.2	.1	1	72.1	70.8	1.8	1.5	1
5	.9549	.9544	.1	.1	1	48.7	49.4	-1.4	2.1	1
4	.9787	.9667	1.2	.1	1	36.6	38.3	-4.8	.3	1
3	.9894	.9785	1.1	.2	1	33.2	32.9	.9	3.0	1
2	.9964	.9984	.6	.2	1	31.8	30.3	4.6	1.9	1
1	.9917	1.0026	-1.1	.8	1	28.3	29.3	-3.5	3.2	1
0	1.0000	1.0151	-1.5	.8	1	29.2	28.9	.9	3.1	1
-1	1.0324	1.0200	.4	1.0	1	28.7	28.9	-.7	4.5	1
-2	1.0539	1.0411	1.2	.7	1	46.1	29.0	37.2	61.0	0
-3	.7411	1.0546	-42.3	10.3	0	194.5	29.0	85.1	26.2	0
-4	1.0726	1.0682	.4	1.0	1	25.8	28.9	-12.1	126.7	0



CRL: Number of dispersions= 2
 C1=.15 M2=.39 T2=.00038 C2=.97 fixed

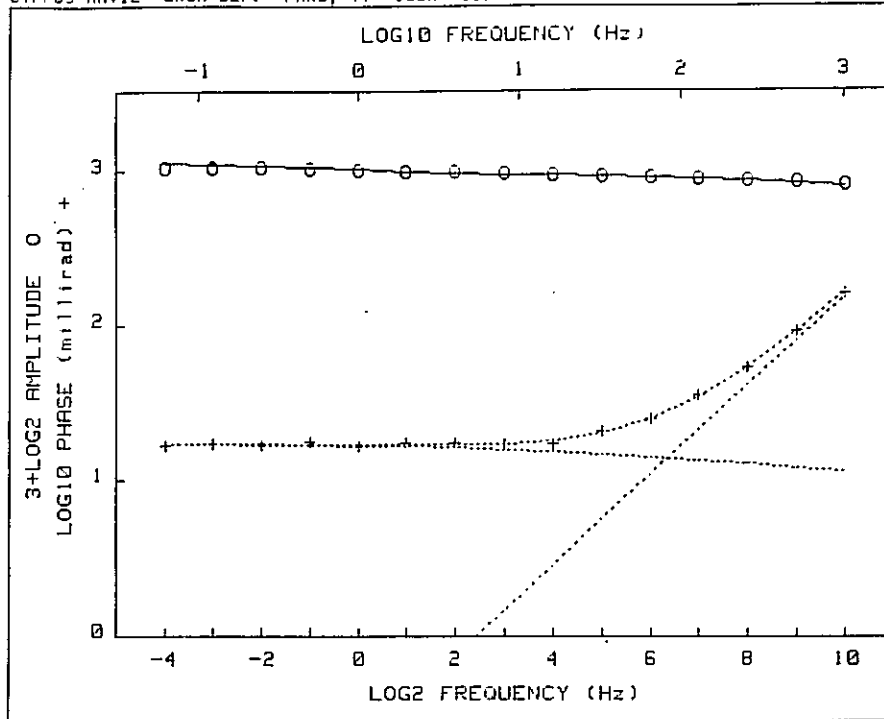
Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00064	1.283	.336	3.9E+00
1	1.E-02	.00064	1.284	.336	3.9E+00

Pct Std Deviations 4.6 4.4 913.3

Correlation Matrix		1.000		
		.933	1.000	
		.984	.885	1.000

Apparent Resistivity Measured at 1 Hz is 511.7
 Apparent Resistivity Calculated from Inductive Coupling is 1789

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8604	.5440	36.0	.3	0	-1043.0	352.3	133.8	.1	0
9	.7176	.6884	4.1	.3	0	658.6	372.3	43.5	.3	0
8	.8204	.8330	-.7	.3	1	299.7	280.9	6.3	.2	1
7	.8916	.9142	-2.5	.4	1	163.4	172.7	-5.7	2.6	1
6	.9337	.9479	-1.5	.2	1	100.9	101.3	-.4	3.5	1
5	.9664	.9642	.2	.2	1	59.1	62.5	-5.7	3.4	1
4	.9885	.9756	1.3	.2	1	41.8	42.7	-2.1	5.0	1
3	.9975	.9858	1.2	.4	1	34.0	32.9	3.2	5.3	1
2	1.0042	.9968	.8	.4	1	30.6	28.2	7.8	2.3	1
1	.9958	1.0063	-1.1	1.1	1	23.9	26.0	-9.0	7.1	1
0	1.0000	1.0170	-1.7	1.2	1	25.1	25.1	.0	4.8	1
-1	1.0205	1.0270	.6	1.6	1	24.2	24.7	-2.0	9.1	1
-2	1.0722	1.0309	3.1	1.2	0	40.2	24.5	49.2	92.1	0
-3	1.0157	1.0502	-3.4	4.0	0	22.8	24.3	-6.7	259.3	0
-4	1.1033	1.0615	3.8	2.8	1	-6.1	24.1	495.6	900.0	0



CRL: Number of dispersions= 2
 C1=.15 M2=.96 T2=.000017 C2=.95 fixed

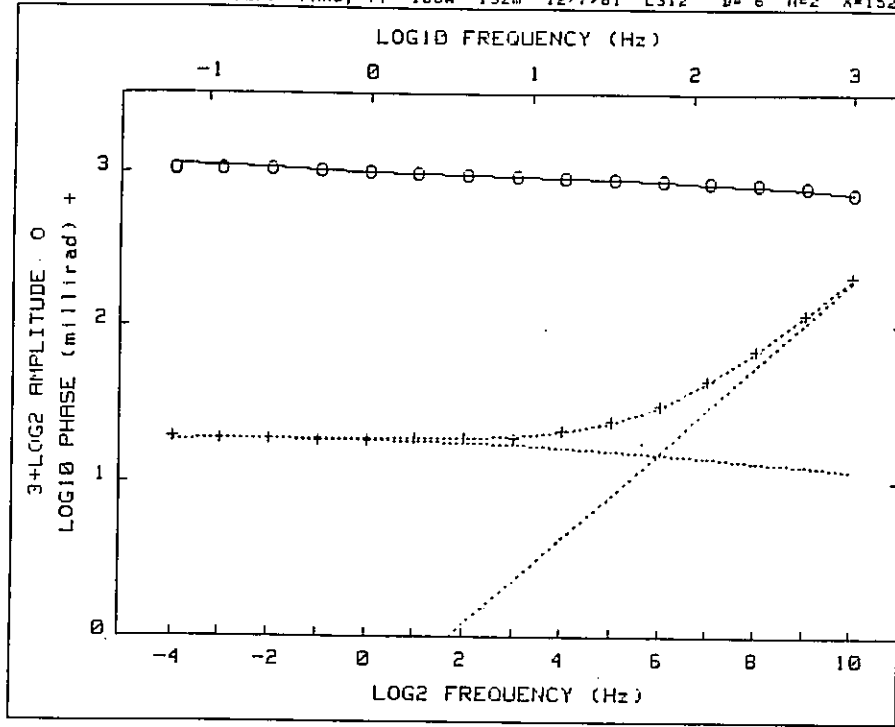
Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00011	1.184	.249	3.7E+00
1	1.E-02	.00011	1.184	.249	3.7E+00

Pct Std Deviations .6 1.1 49.6

Correlation Matrix		
1.000		
.876	1.000	
.925	.889	1.000

Apparent Resistivity Measured at 1 Hz is 1230
 Apparent Resistivity Calculated from Inductive Coupling is 879.7

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9389	.9246	.7	.8	1	156.9	159.9	-1.9	.1	1
9	.9448	.9391	.6	.8	1	89.5	89.1	.5	.8	1
8	.9529	.9488	.5	.8	1	52.8	52.4	.8	.8	1
7	.9605	.9551	.5	0.8	1	34.4	33.7	2.1	.8	1
6	.9653	.9615	.4	.8	1	24.1	24.3	-.7	.8	1
5	.9711	.9678	.3	.8	1	20.3	19.7	2.9	2.8	1
4	.9773	.9742	.3	.8	1	16.8	17.6	-4.8	1.8	1
3	.9823	.9808	.2	.8	1	16.5	16.8	-1.5	.6	1
2	.9891	.9877	.1	.8	1	17.2	16.5	4.8	.6	1
1	.9943	.9947	-.8	.8	1	17.8	16.5	2.7	.8	1
0	1.0008	1.0020	-.2	.8	1	16.2	16.7	-2.9	.6	1
-1	1.0067	1.0094	-.3	.8	1	17.4	16.8	3.4	.8	1
-2	1.0136	1.0170	-.3	.8	1	16.6	16.9	-1.9	.6	1
-3	1.0143	1.0247	-1.0	.8	1	17.1	17.8	.9	.8	1
-4	1.0136	1.0325	-1.9	.8	1	16.8	16.9	-.7	.8	1



CRL: Number of dispersions= 2
fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1	M2	T2	C2
0	1.E-02	.01633	1.200	.271	1.0E+00	.250	1.000	1.9E-05	.912
1	1.E-02	.00031	1.150	.224	1.0E+00	.188	1.000	2.0E-05	.901
2	1.E-02	.00014	1.166	.234	1.0E+00	.170	1.000	2.0E-05	.902
3	1.E-02	.00013	1.170	.239	1.9E+00	.173	1.000	2.0E-05	.906
4	1.E-02	.00012	1.172	.243	1.9E+00	.170	1.000	2.0E-05	.909
5	1.E-02	.00011	1.174	.245	1.9E+00	.168	1.000	2.0E-05	.910
6	1.E-02	.00011	1.176	.247	1.9E+00	.167	1.000	2.1E-05	.912
7	1.E-02	.00010	1.177	.248	2.0E+00	.166	1.000	2.1E-05	.912
8	1.E-02	.00010	1.178	.249	2.0E+00	.165	1.000	2.1E-05	.913
9	1.E-02	.00010	1.179	.250	2.0E+00	.164	1.000	2.1E-05	.913

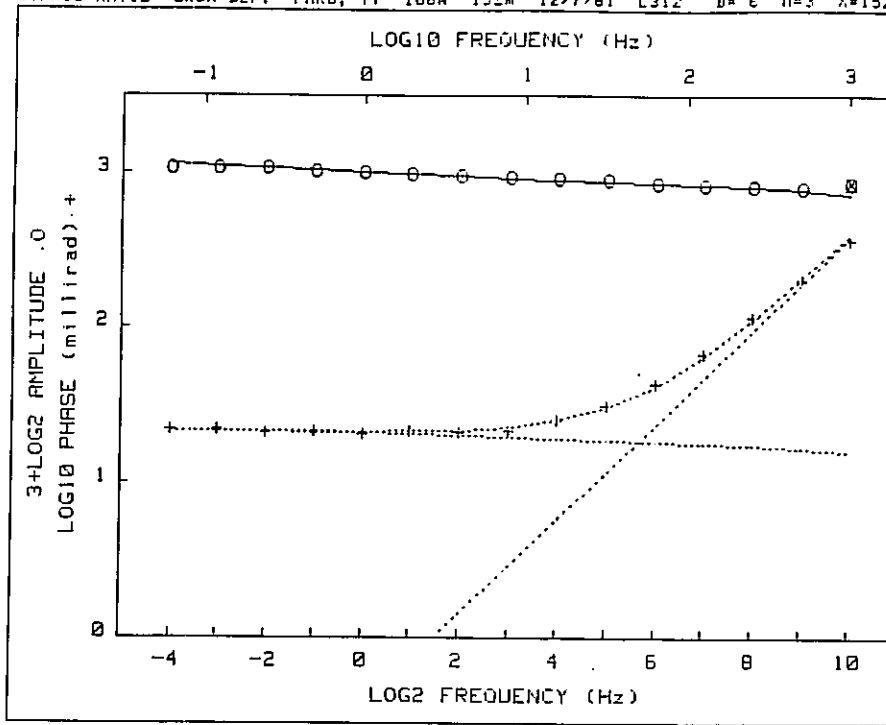
Pct Std Deviations 5.1 29.4 226.9 34.5 52.0 65.1 3.9

Correlation Matrix

1.000									
.994	1.000								
.961	.928	1.000							
-.991	-.999	-.922	1.000						
-.594	-.623	-.462	.623	1.000					
.532	.567	.388	-.567	-.994	1.000				
.754	.803	.583	-.804	-.838	.835	1.000			

Apparent Resistivity Measured at 1 Hz is 1238
Apparent Resistivity Calculated from Inductive Coupling is 1655

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	FSD%	Wts
10	.9849	.9816	.4	.0	1	209.3	205.2	2.0	.1	1
9	.9278	.9241	.4	.0	1	118.5	115.9	2.2	.1	1
8	.9487	.9372	.4	.0	1	78.2	68.2	2.8	.1	1
7	.9584	.9466	.4	.0	1	44.2	43.2	2.3	.0	1
6	.9588	.9545	.4	.0	1	38.6	38.3	1.1	.0	1
5	.9654	.9619	.4	.0	1	24.3	23.8	2.2	.0	1
4	.9738	.9692	.4	.0	1	21.2	20.6	2.7	.0	1
3	.9801	.9766	.4	.0	1	18.9	19.2	-1.7	.5	1
2	.9864	.9843	.2	.0	1	18.8	18.7	.5	.0	1
1	.9924	.9922	.0	.0	1	18.8	18.6	1.2	.0	1
0	1.0000	1.0003	-.0	.0	1	18.4	18.6	-1.3	.0	1
-1	1.0066	1.0085	-.2	.0	1	18.4	18.7	-1.7	.0	1
-2	1.0148	1.0170	-.3	.0	1	18.6	18.7	-.7	.0	1
-3	1.0153	1.0255	-1.0	.0	1	18.9	18.7	1.2	.0	1
-4	1.0148	1.0340	-1.9	.0	1	19.1	18.5	3.8	1.6	1



CRL: Number of dispersions= 2
M2=1 T2=.000041 C2=1 fixed

Iter	Lambda	Rchsq	RB	M1	T1	C1
0	1.E-02	.00018	1.350	.402	4.4E+01	.108
1	1.E-02	.00018	1.350	.399	4.4E+01	.109
2	1.E-03	.00018	1.351	.399	4.8E+01	.109

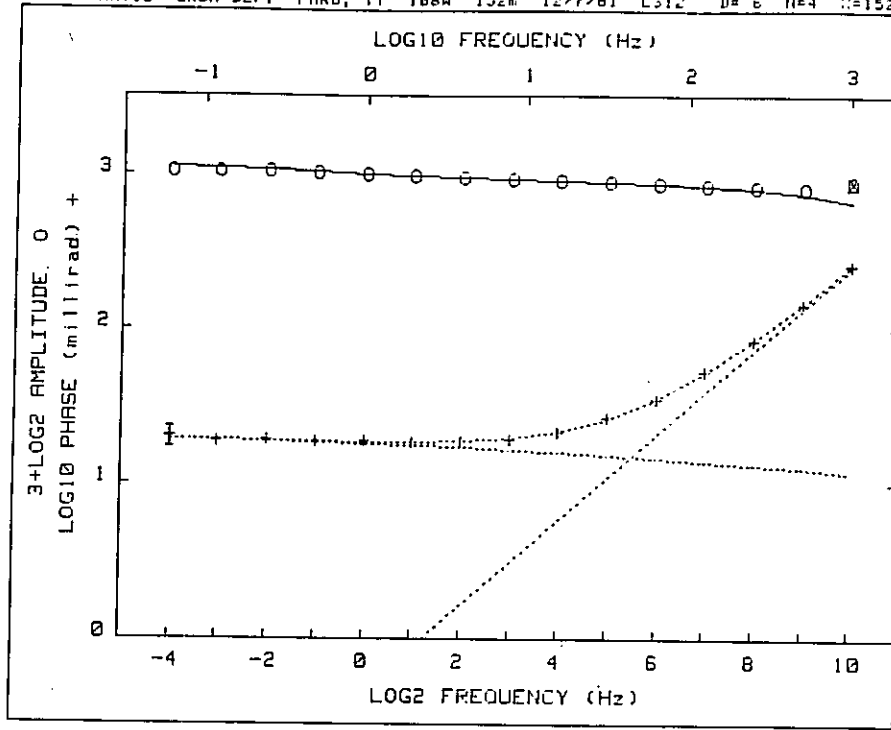
Pct Std Deviations 1.9 3.6 154.6 5.4

Correlation Matrix

1.000				
.731	1.000			
.900	.392	1.000		
-.464	-.928	-.685	1.000	

Apparent Resistivity Measured at 1 Hz is 1415
Apparent Resistivity Calculated from Inductive Coupling is 2091

F	ObsAmp	CalAmp	PctDif	ASD%	Nts	ObsPhz	CalPhz	PctDif	PSD%	Nts
10	.9475	.9827	4.7	.0	0	367.3	393.8	-7.2	.1	1
9	.9318	.9241	.8	.0	1	282.5	206.7	-2.1	.0	1
8	.9368	.9343	.2	.0	1	114.7	111.9	2.4	.0	1
7	.9468	.9428	.4	.1	1	68.0	64.9	4.6	.4	1
6	.9537	.9496	.4	.0	1	43.9	41.7	4.9	.0	1
5	.9613	.9573	.4	.0	1	31.0	30.5	1.6	1.0	1
4	.9693	.9654	.4	.0	1	25.6	25.2	1.7	1.2	1
3	.9774	.9738	.4	.0	1	21.6	22.7	-5.2	1.0	1
2	.9843	.9825	.2	.0	1	21.1	21.7	-2.8	.5	1
1	.9912	.9914	-.0	.0	1	21.7	21.3	1.7	.0	1
0	1.0000	1.0006	-.1	.0	1	20.8	21.3	-2.4	.0	1
-1	1.0079	1.0100	-.2	.0	1	21.4	21.4	.1	.5	1
-2	1.0170	1.0195	-.2	.0	1	21.3	21.5	-.9	.5	1
-3	1.0197	1.0293	-.9	.0	1	22.2	21.6	2.8	1.0	1
-4	1.0218	1.0392	-1.0	.1	1	22.3	21.6	2.9	4.0	1



CRL: Number of dispersions= 2
M2=.91 T2=.800028 C2=.91 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.00013	1.276	.316	5.0E+01	.131
1	1.E-02	.00013	1.276	.315	5.0E+01	.131

Pct Std Deviations 1.5 3.7 103.8 4.3

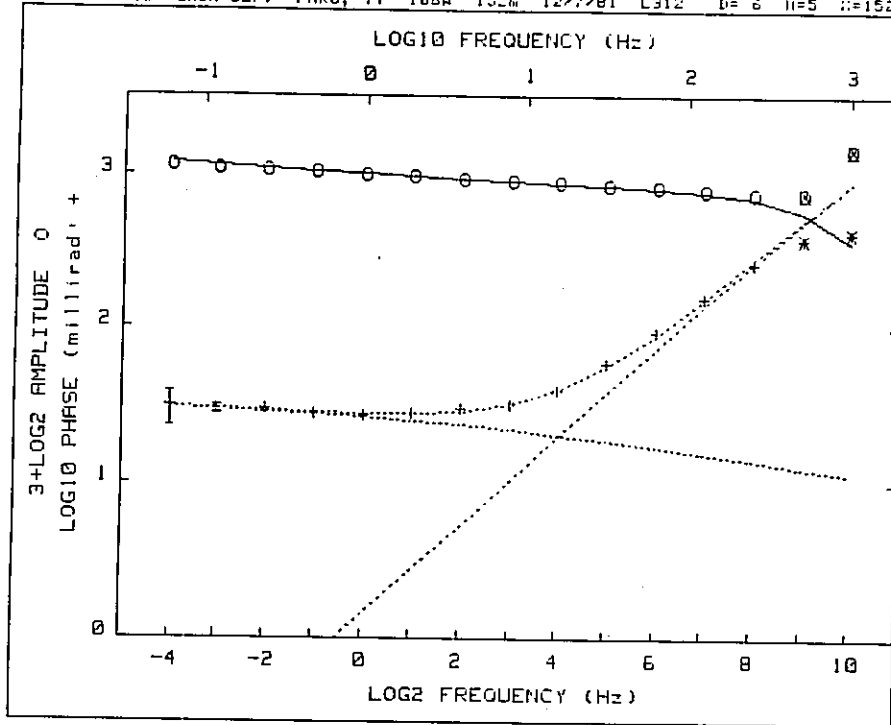
Correlation Matrix

1.000				
.900	1.000			
.953	.768	1.000		
-.591	-.866	-.394	1.000	

Apparent Resistivity Measured at 1 Hz is 1043
Apparent Resistivity Calculated from Inductive Coupling is 4035

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9610	.8883	7.6	.0	0	262.0	263.4	-.5	.0	1
9	.9308	.9196	2.0	.0	1	145.0	148.2	-1.7	.0	1
8	.9416	.9364	.6	.0	1	84.0	85.6	-1.0	.4	1
7	.9500	.9474	.3	.0	1	53.6	52.4	2.3	.6	1
6	.9509	.9559	.3	.0	1	35.5	35.0	1.5	.6	1
5	.9660	.9635	.3	.0	1	26.7	26.0	2.6	.0	1
4	.9737	.9700	.3	.0	1	21.7	21.6	.6	.9	1
3	.9806	.9781	.3	.0	1	19.1	19.5	-2.0	1.2	1
2	.9867	.9856	.1	.0	1	18.0	18.6	.9	.5	1
1	.9926	.9933	-.1	.0	1	18.2	18.4	-1.2	.0	1
0	1.0000	1.0012	-.1	.1	1	18.6	18.5	.5	.5	1
-1	1.0073	1.0094	-.2	.0	1	18.9	18.7	1.0	.5	1
-2	1.0141	1.0178	-.4	.1	1	19.2	19.0	1.2	.5	1
-3	1.0150	1.0265	-1.1	.2	1	18.6	19.2	-3.2	3.9	1
-4	1.0124	1.0353	-2.3	.2	1	20.0	19.4	3.1	14.5	1

CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312 D= 6 H=5 X=152m



CRL: Number of dispersions= 2
M2=1 T2=.80011 C2=.94 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.80010	1.311	.324	2.0E+01	.198
1	1.E-02	.80010	1.312	.324	2.0E+01	.198

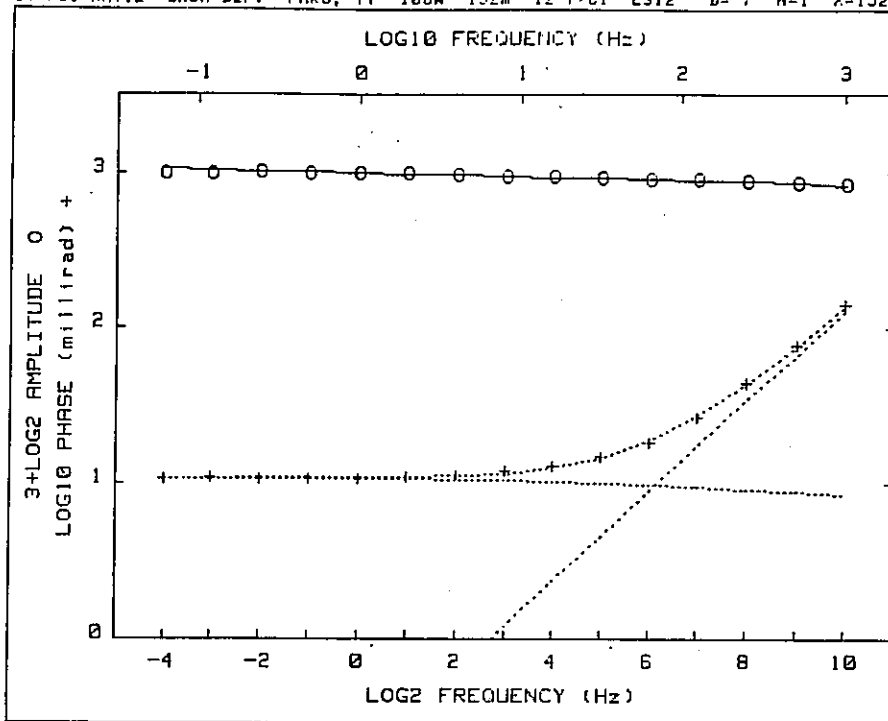
Pct Std Deviations 1.8 4.1 70.7 4.3

Correlation Matrix			
1.000			
.943	1.000		
.969	.880	1.000	
-.637	-.833	-.535	1.000

Apparent Resistivity Measured at 1 Hz is 586.2
Apparent Resistivity Calculated from Inductive Coupling is 1498

CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312 D= 6 H=5 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	P5D%	Wts
10	1.1169	.7386	33.9	.0	0	416.3	885.0	-113.5	.0	0
9	.9192	.8456	8.0	.0	0	385.3	507.5	-31.7	.1	0
8	.9168	.8986	2.0	.0	1	262.4	279.4	-6.5	.1	1
7	.9296	.9242	.6	.1	1	156.6	155.0	1.8	.3	1
6	.9439	.9398	.5	.1	1	93.9	89.8	4.4	1.1	1
5	.9538	.9588	.4	.0	1	58.7	56.5	3.8	.9	1
4	.9635	.9599	.4	.0	1	39.7	39.9	-.6	.6	1
3	.9718	.9697	.2	.1	1	31.8	32.1	-1.0	.7	1
2	.9802	.9808	.0	.0	1	29.6	28.8	2.7	.3	1
1	.9886	.9988	-.2	.1	1	28.2	27.8	1.4	1.1	1
0	1.0000	1.0024	-.2	.1	1	27.2	27.9	-2.6	.7	1
-1	1.0116	1.0146	-.3	.1	1	28.2	28.5	-1.1	1.1	1
-2	1.0287	1.0276	-.7	.2	1	29.8	29.2	1.9	1.4	1
-3	1.0295	1.0412	-1.1	.2	1	29.6	29.9	-1.0	6.4	1
-4	1.0391	1.0553	-1.6	.5	1	31.1	38.4	2.3	24.8	1



CRL: Number of dispersions= 2
 C1=.13 M2=1 T2=.000016 C2=.96 fixed

Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00013	1.131	.199	3.0E+00
1	1.E-02	.00013	1.132	.200	2.9E+00
2	1.E-03	.00012	1.129	.199	2.2E+00
3	1.E-04	.00011	1.124	.197	1.3E+00
4	1.E-05	.00011	1.123	.197	1.1E+00

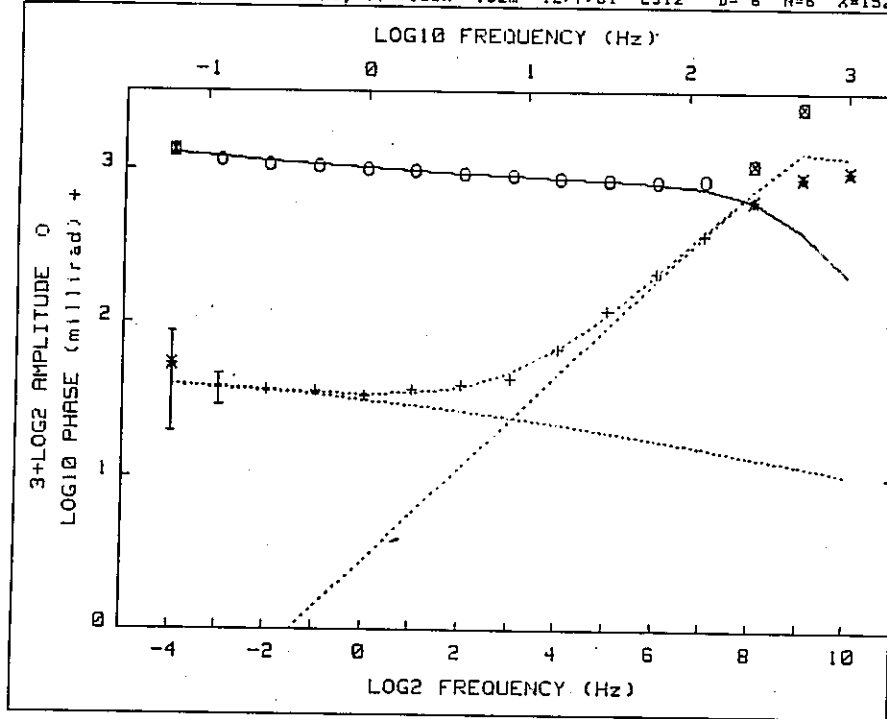
Pct Std Deviations .5 .9 75.1

Correlation Matrix

	1.000
	.698 1.000
	.898 .597 1.000

Apparent Resistivity Measured at 1 Hz is 1200
 Apparent Resistivity Calculated from Inductive Coupling is 965.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9523	.9441	.9	.0	1	142.5	138.8	2.6	.0	1
9	.9596	.9549	.5	.0	1	78.6	75.7	3.6	.3	1
8	.9657	.9614	.5	.0	1	44.2	43.4	1.8	.0	1
7	.9699	.9664	.4	.0	1	26.9	27.0	-.2	.4	1
6	.9735	.9718	.3	.0	1	18.2	18.7	-2.7	.0	1
5	.9776	.9755	.2	.0	1	14.7	14.6	.9	1.4	1
4	.9827	.9800	.3	.0	1	12.8	12.6	1.9	.0	1
3	.9875	.9845	.3	.0	1	12.0	11.6	3.3	.0	1
2	.9925	.9892	.3	.0	1	11.1	11.2	-.7	.9	1
1	.9961	.9939	.2	.0	1	10.9	11.0	-.9	.0	1
0	1.0000	.9986	.1	.0	1	10.7	10.9	-2.1	.9	1
-1	1.0018	1.0034	-.2	.0	1	10.8	10.9	-.8	.0	1
-2	1.0028	1.0082	-.5	.0	1	10.7	10.8	-1.4	.9	1
-3	1.0019	1.0131	-1.1	.0	1	10.9	10.8	1.0	.0	1
-4	.9967	1.0179	-2.1	.1	1	10.8	10.7	1.0	.9	1



CRL: Number of dispersions= 2
M2=1 T2=.00031 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.80043	1.431	.377	5.4E+01	.223
1	1.E-02	.80042	1.433	.378	5.6E+01	.223

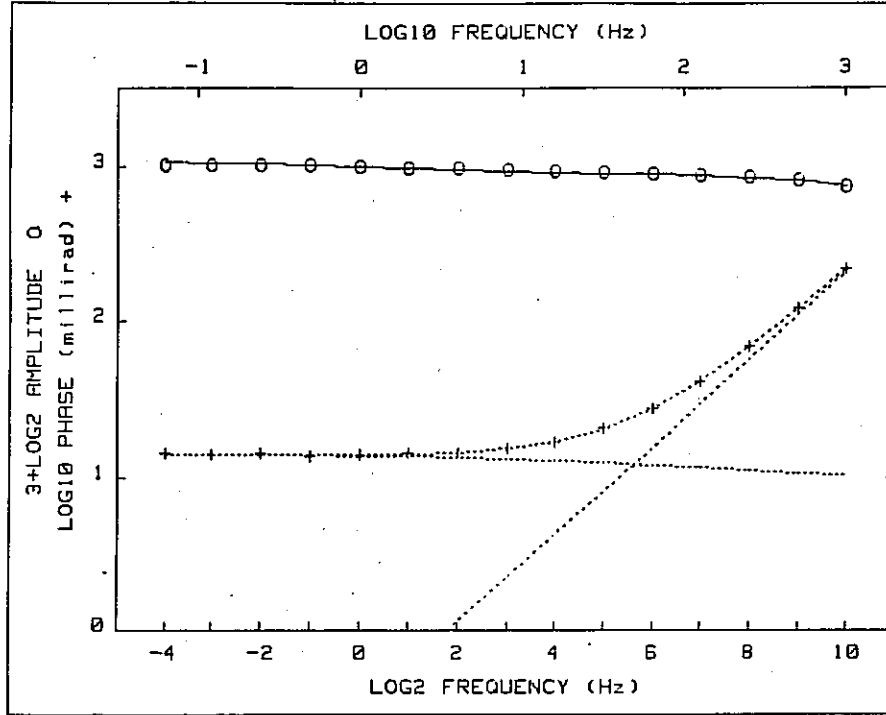
Pct Std Deviations 3.1 5.8 96.8 6.7

Correlation Matrix

	1.000			
	.923	1.000		
	.972	.899	1.000	
	-.111	-.451	-.118	1.000

Apparent Resistivity Measured at 1 Hz is 432.0
Apparent Resistivity Calculated from Inductive Coupling is 879.1

F	ObsAmp	CalAmp	PctDif	ASD%	Mts	ObsPhz	CalPhz	PctDif	PSD%	Mts
10	2.3954	.6255	73.9	.0	0	975.6	1199.2	-22.9	.1	0
9	1.3237	.7566	42.8	.0	0	887.0	1293.4	-45.8	.1	0
8	1.8219	.8695	14.9	.1	0	616.3	739.6	-20.8	.0	0
7	.9514	.9204	3.2	.1	1	370.6	392.1	-5.8	.5	1
6	.9469	.9395	.8	.4	1	211.4	206.7	2.2	1.7	1
5	.9498	.9497	.0	.1	1	122.7	113.8	7.3	1.2	1
4	.9575	.9586	-.1	.1	1	68.4	68.6	-.2	1.6	1
3	.9684	.9681	.0	.2	1	43.8	47.4	-8.2	4.1	1
2	.9770	.9780	-.2	.1	1	48.8	38.2	4.6	1.5	1
1	.9886	.9989	-.2	.2	1	37.1	34.9	6.8	2.7	1
0	1.0000	1.0043	-.4	.3	1	33.4	34.5	-3.2	3.0	1
-1	1.0139	1.0198	-.5	.5	1	35.9	35.4	1.3	3.7	1
-2	1.0192	1.0351	-1.6	.8	1	37.2	36.9	.7	4.3	1
-3	1.0487	1.0525	-1.1	.8	1	37.8	38.5	-1.9	22.8	1
-4	1.0861	1.0711	1.4	2.3	0	54.8	39.9	26.1	63.7	0



CRL: Number of dispersions= 2
M2=.88 T2=.000028 C2=.94 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.00006	1.178	.253	5.3E+00	.125
1	1.E-02	.00006	1.178	.252	5.4E+00	.125

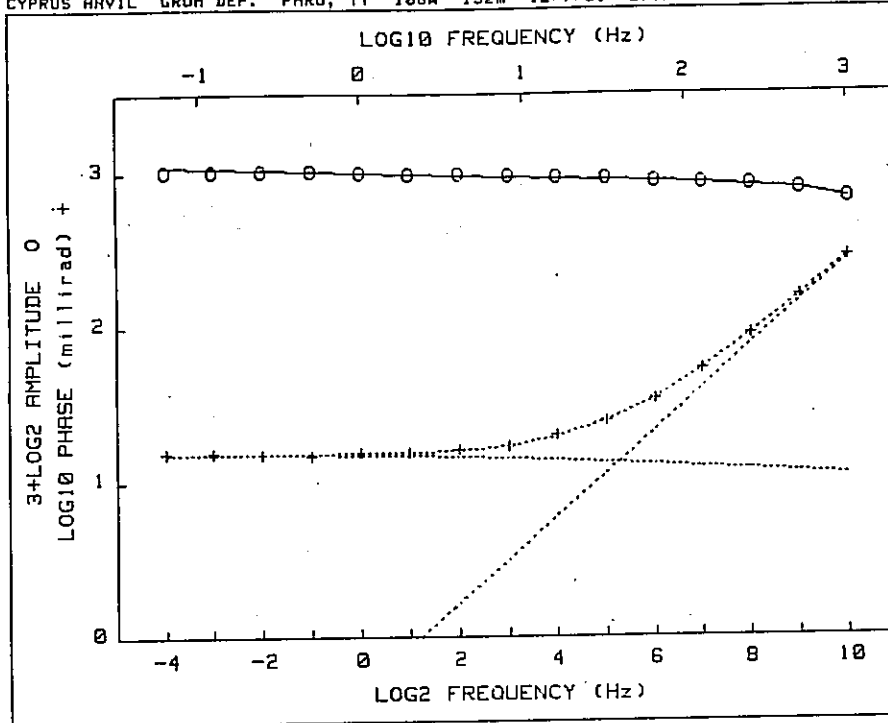
Pct Std Deviations .9 3.7 71.8 4.2

Correlation Matrix

	1.000			
	.914	1.000		
	.986	.693	1.000	
	-.825	-.975	-.558	1.000

Apparent Resistivity Measured at 1 Hz is 1182
Apparent Resistivity Calculated from Inductive Coupling is 1541

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9188	.9183	-.0	.0	1	228.1	228.0	.0	.1	1
9	.9358	.9345	.1	.0	1	121.0	121.4	-.3	.0	1
8	.9494	.9468	.3	.0	1	69.6	69.0	.9	.0	1
7	.9574	.9548	.3	.0	1	41.3	41.7	-1.1	.2	1
6	.9634	.9613	.2	.0	1	27.7	27.7	-.1	.4	1
5	.9692	.9673	.2	.0	1	20.9	20.6	1.4	.0	1
4	.9767	.9731	.4	.0	1	16.9	17.1	-1.1	2.4	1
3	.9826	.9789	.4	.0	1	15.6	15.4	1.3	1.9	1
2	.9882	.9848	.3	.0	1	14.6	14.6	-.2	.8	1
1	.9944	.9908	.4	.0	1	14.4	14.3	.4	.7	1
0	1.0000	.9969	.3	.0	1	14.3	14.3	.3	.8	1
-1	1.0035	1.0032	.0	.0	1	13.9	14.3	-2.6	.0	1
-2	1.0061	1.0095	-.3	.0	1	14.4	14.3	.8	.0	1
-3	1.0081	1.0159	-.8	.0	1	14.2	14.3	-.7	.0	1
-4	1.0054	1.0224	-1.7	-.1	1	14.6	14.3	2.3	.7	1



CRL: Number of dispersions= 2
M2=.88 T2=.000036 C2=.92 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.00010	1.182	.252	4.4E+00	.128
1	1.E-02	.00009	1.182	.258	4.4E+00	.130
2	1.E-03	.00009	1.183	.258	4.8E+00	.130

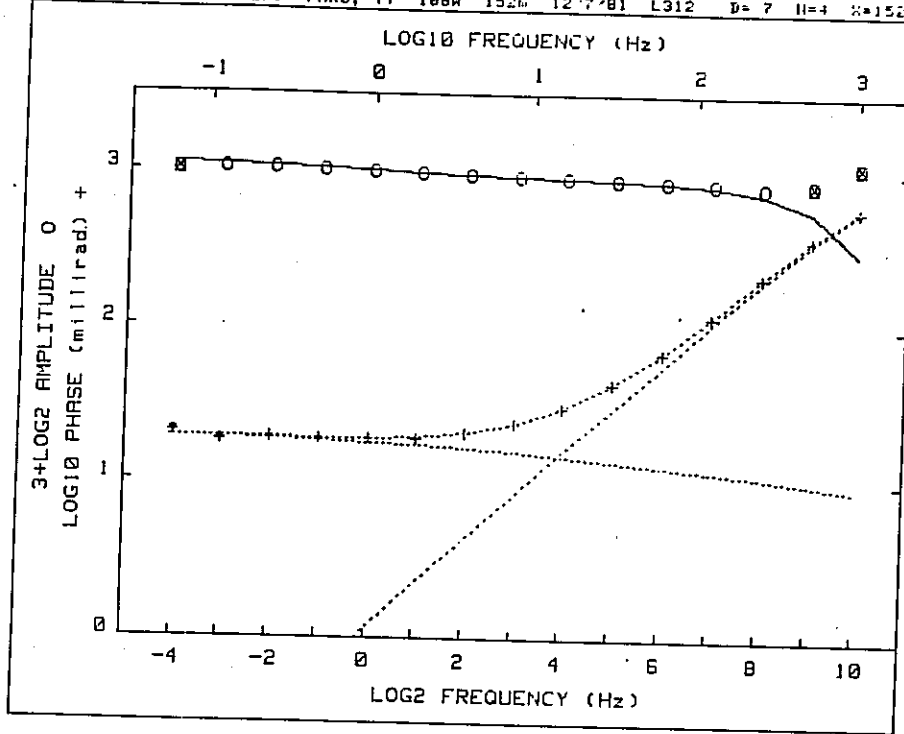
Pct Std Deviations 1.1 4.3 87.8 5.8

Correlation Matrix

	1.000			
	.897	1.000		
	.892	.639	1.000	
	-.803	-.974	-.501	1.000

Apparent Resistivity Measured at 1 Hz is 1203
Apparent Resistivity Calculated from Inductive Coupling is 2101

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8838	.8841	-.0	.0	1	281.1	281.6	-.2	.1	1
9	.9227	.9211	.2	.0	1	157.4	157.4	-.0	.1	1
8	.9486	.9391	.2	.0	1	89.5	89.5	.0	.0	1
7	.9525	.9498	.3	.0	1	53.6	53.4	.4	.6	1
6	.9603	.9577	.3	.0	1	34.4	34.4	-.1	.0	1
5	.9681	.9646	.4	.0	1	24.6	24.7	-.2	.8	1
4	.9753	.9710	.4	.0	1	20.1	19.7	2.0	.5	1
3	.9815	.9773	.4	.0	1	16.9	17.2	-2.0	1.3	1
2	.9884	.9837	.5	.0	1	16.3	16.1	1.4	.0	1
1	.9942	.9902	.4	.0	1	15.7	15.6	.0	.6	1
0	1.0000	.9960	.3	.0	1	15.4	15.4	.0	.6	1
-1	1.0039	1.0035	.0	.0	1	14.9	15.3	-3.0	.0	1
-2	1.0063	1.0103	-.4	.0	1	15.1	15.3	-1.6	.0	1
-3	1.0076	1.0171	-.9	.0	1	15.6	15.3	1.7	1.4	1
-4	1.0039	1.0241	-2.0	.1	1	15.7	15.3	2.6	3.2	1



CRL: Number of dispersions= 2
M2=.72 T2=.88013 C2=.93 fixed

Iter	Lambda	Rchsq	RB	M1	T1	C1
0	1.E-02	.88019	1.196	.240	9.4E+00	.178
1	1.E-02	.88019	1.197	.248	9.5E+00	.178

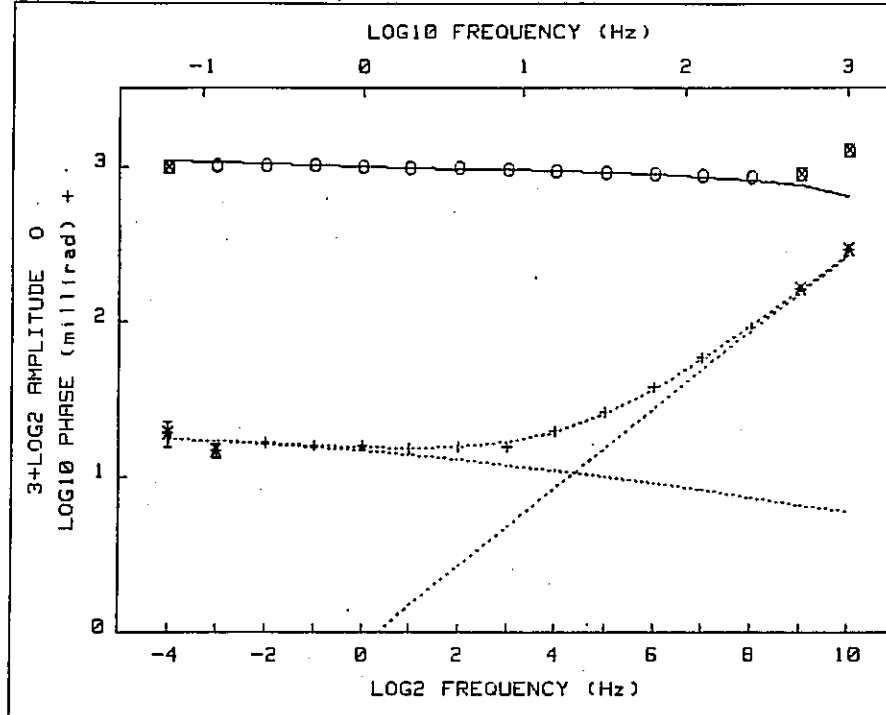
Pct Std Deviations 1.4 5.0 89.5 5.5

Correlation Matrix

1.000				
.985	1.000			
.924	.756	1.000		
-.684	-.906	-.478	1.000	

Apparent Resistivity Measured at 1 Hz is 1275
Apparent Resistivity Calculated from Inductive Coupling is 1201

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0368	.6991	32.5	.8	0	578.2	595.3	-3.0	.8	1
9	.9477	.8426	11.1	.8	0	371.7	368.7	.8	.1	1
8	.9397	.9112	3.0	.8	1	211.1	210.7	.2	.2	1
7	.9473	.9408	.7	.8	1	118.8	118.7	.1	.3	1
6	.9561	.9553	.1	.8	1	69.8	69.8	1.1	.2	1
5	.9631	.9648	-.2	.8	1	43.8	43.1	1.6	.5	1
4	.9715	.9725	-.1	.8	1	30.2	29.9	.9	.3	1
3	.9781	.9797	-.2	.8	1	23.9	23.4	2.0	.6	1
2	.9859	.9878	-.1	.8	1	20.8	20.4	1.9	.7	1
1	.9929	.9945	-.2	.8	1	18.7	19.2	-2.5	.5	1
0	1.0000	1.0023	-.2	.8	1	18.9	18.8	.5	.8	1
-1	1.0066	1.0184	-.4	.8	1	18.8	18.9	-.3	.8	1
-2	1.0092	1.0189	-1.0	.8	1	19.0	19.8	-.2	.5	1
-3	1.0113	1.0275	-1.6	.2	1	18.3	19.2	-5.1	3.5	1
-4	1.0063	1.0364	-3.0	.1	0	20.5	19.3	5.7	6.3	1



CRL: Number of dispersions= 2
 C1=.2 M2=1 T2=.000028 C2=.84 fixed

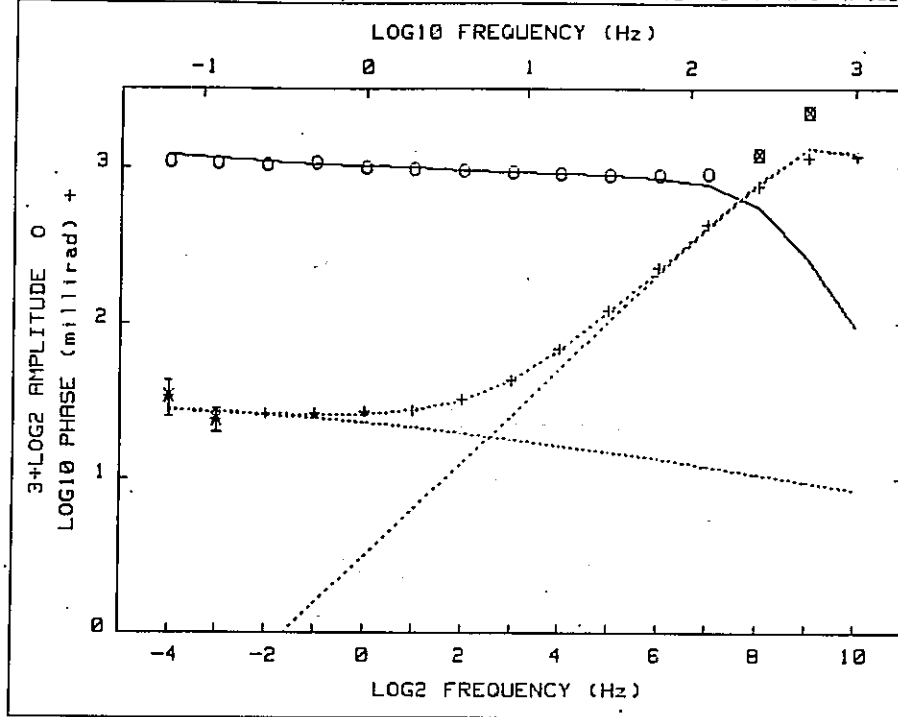
Iter	Lambda	Rchaq	R0	M1	T1
0	1.E-02	.00013	1.176	.203	2.6E+01
1	1.E-02	.00013	1.177	.204	2.6E+01

Pct Std Deviations 1.4 4.9 98.4

Correlation Matrix 1.000
 .985 1.000
 .988 .982 1.000

Apparent Resistivity Measured at 1 Hz is 871.5
 Apparent Resistivity Calculated from Inductive Coupling is 3945

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0698	.8728	18.4	.0	0	297.3	276.2	7.1	.0	0
9	.9671	.9157	5.3	.0	0	163.7	161.4	1.4	.0	0
8	.9509	.9392	1.2	.0	1	92.6	94.8	-2.3	.1	1
7	.9541	.9531	.1	.0	1	58.5	57.2	2.2	.2	1
6	.9637	.9624	.1	.0	1	37.8	36.4	3.6	.8	1
5	.9785	.9695	.1	.0	1	25.9	25.2	2.6	.0	1
4	.9771	.9756	.1	.0	1	19.7	19.4	1.4	2.0	1
3	.9820	.9815	.1	.0	1	15.5	16.6	-7.2	3.9	1
2	.9887	.9874	.1	.0	1	15.6	15.5	.8	.6	1
1	.9946	.9935	.1	.0	1	15.1	15.3	-1.1	.9	1
0	1.0000	1.0000	.0	.1	1	16.0	15.5	3.8	.6	1
-1	1.0073	1.0060	.1	.1	1	16.0	16.0	-.0	1.3	1
-2	1.0061	1.0141	-.8	.1	1	16.6	16.6	.2	1.3	1
-3	1.0085	1.0217	-1.3	.3	1	14.7	17.1	-16.3	11.0	0
-4	1.0010	1.0296	-2.8	.3	0	19.0	17.5	7.7	18.9	0



CRL: Number of dispersions= 2
M2=1 T2=.00030 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.00000	1.238	.266	8.4E+00	.219
1	1.E-02	.00076	1.251	.280	9.3E+00	.203
2	1.E-03	.00071	1.271	.288	1.7E+01	.201
3	1.E-04	.00069	1.296	.294	3.9E+01	.210
4	1.E-05	.00068	1.300	.296	4.0E+01	.212

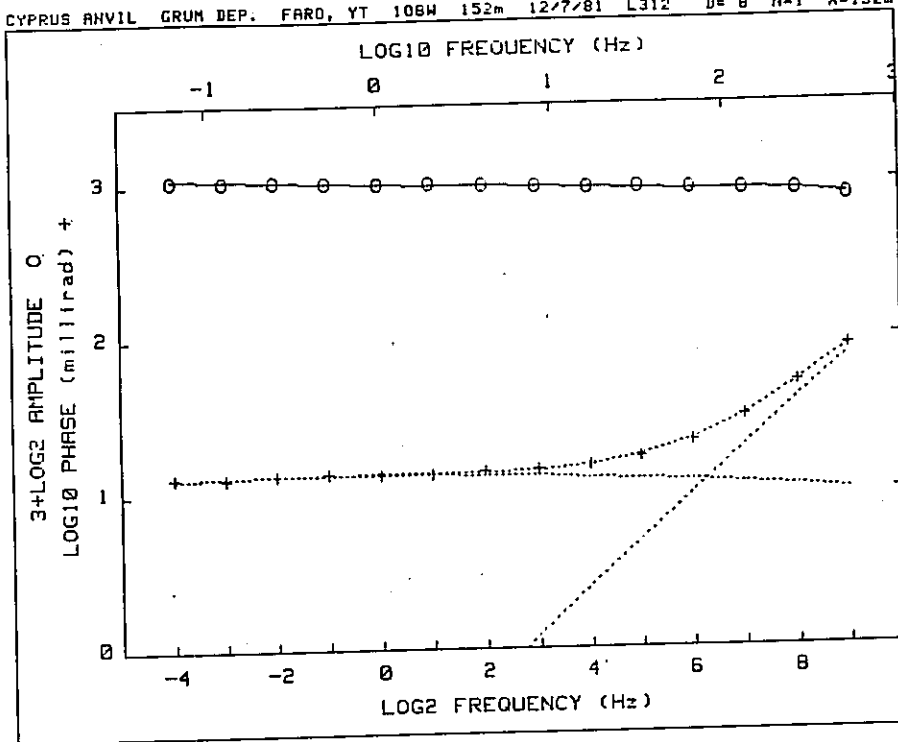
Pct Std Deviations 2.6 5.9 126.8 13.1

Correlation Matrix

1.000			
.748	1.000		
.944	.637	1.000	
.134	-.516	.233	1.000

Apparent Resistivity Measured at 1 Hz is 468.1
Apparent Resistivity Calculated from Inductive Coupling is 719.4

F	ObsAmp	CalAmp	PctDif	ASD%	Mts	ObsPhz	CalPhz	PctDif	PSD%	Mts
10	1.5870	.4948	68.8	.0	0	1178.6	1212.8	-2.9	.8	1
9	1.2901	.6669	47.9	.1	0	1148.4	1320.6	-15.0	.1	1
8	1.8538	.8366	28.6	.1	0	750.7	780.4	-4.0	.1	1
7	.9739	.9214	5.4	.1	1	425.1	418.9	1.5	.1	1
6	.9634	.9511	1.3	.1	1	227.2	219.3	3.5	.4	1
5	.9653	.9630	.2	.0	1	122.8	117.7	4.1	.3	1
4	.9691	.9788	-.2	.1	1	69.2	67.6	2.3	.6	1
3	.9744	.9783	-.4	.1	1	43.4	43.5	-.2	3.2	1
2	.9842	.9865	-.2	.8	1	32.8	32.4	1.4	.6	1
1	.9931	.9954	-.2	.1	1	28.0	27.7	1.2	.7	1
0	1.0000	1.0052	-.5	.1	1	27.0	26.1	3.2	1.5	1
-1	1.0173	1.0159	.1	.2	1	26.4	26.1	1.2	1.7	1
-2	1.0124	1.0274	-1.5	.2	1	26.4	26.7	-1.2	2.8	1
-3	1.0232	1.0397	-1.6	.5	1	24.2	27.5	-13.7	16.9	0
-4	1.0263	1.0526	-2.6	.6	1	34.5	28.3	17.9	26.7	0



CRL: Number of dispersions= 2
M2=.27 T2=.000079 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.00003	1.100	.183	3.6E-01	.167
1	1.E-02	.00003	1.100	.182	3.5E-01	.167

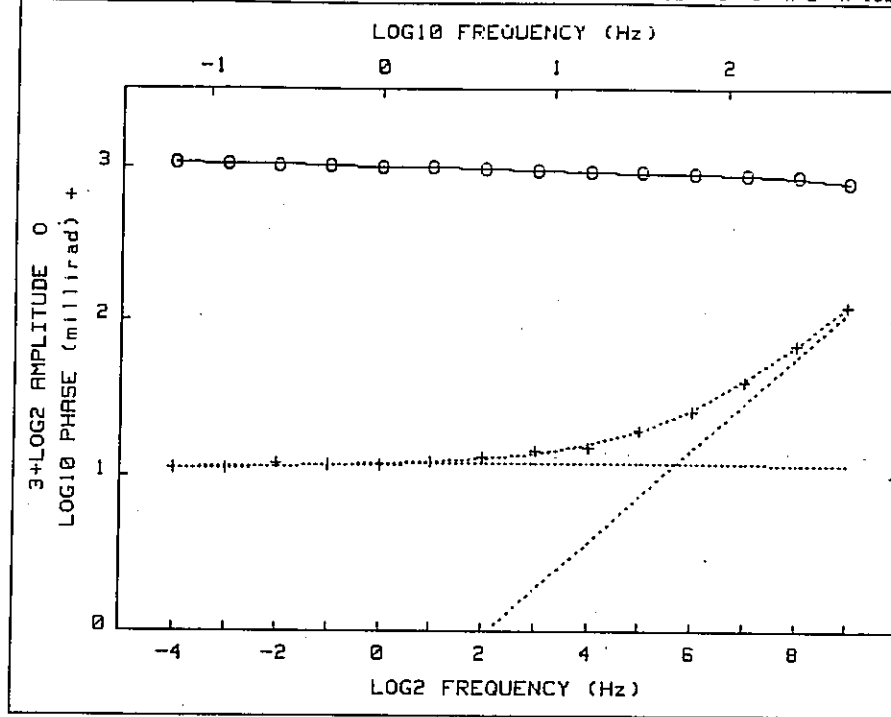
Pct Std Deviations .5 3.9 24.1 4.5

Correlation Matrix

1.000				
.948	1.000			
.820	.677	1.000		
-.938	-.994	-.662	1.000	

Apparent Resistivity Measured at 1 Hz is 1564
Apparent Resistivity Calculated from Inductive Coupling is 812.6

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
9	.9322	.9386	-.7	.0	1	85.9	86.2	-.3	.0	1
8	.9581	.9541	.4	.0	1	50.2	49.8	.8	.2	1
7	.9648	.9615	.3	.0	1	30.8	30.8	-.0	.0	1
6	.9699	.9671	.3	.0	1	21.2	21.4	-1.2	.0	1
5	.9751	.9723	.3	.0	1	16.8	17.0	-1.0	.0	1
4	.9798	.9777	.2	.0	1	14.9	14.9	.0	.0	1
3	.9859	.9832	.3	.0	1	14.3	14.0	2.1	.0	1
2	.9912	.9889	.2	.0	1	13.9	13.6	2.0	.7	1
1	.9960	.9947	.1	.0	1	13.3	13.5	-1.4	.0	1
0	1.0000	1.0006	-.1	.0	1	13.2	13.4	-1.5	.0	1
-1	1.0045	1.0065	-.2	.0	1	13.4	13.3	.7	.0	1
-2	1.0091	1.0124	-.3	.0	1	13.3	13.2	1.0	.0	1
-3	1.0145	1.0183	-.4	.0	1	12.7	13.0	-2.0	.0	1
-4	1.0186	1.0242	-.5	.0	1	12.0	12.7	1.0	.0	1



CRL: Number of dispersions= 2
M2=.38 T2=.000079 C2=.99 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.00007	1.144	.263	9.2E-02	.100
1	1.E-02	.00006	1.147	.263	9.1E-02	.100
2	1.E-03	.00006	1.146	.263	8.3E-02	.100
3	1.E-04	.00006	1.142	.262	5.6E-02	.100
4	1.E-05	.00006	1.139	.262	4.2E-02	.101

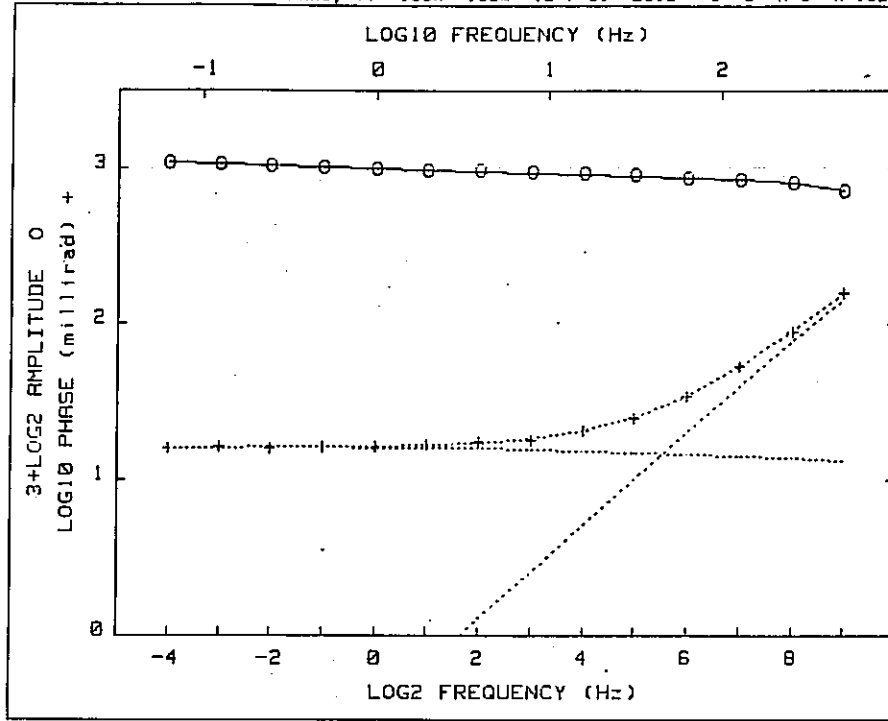
Pct Std Deviations 1.1 6.7 92.7 8.1

Correlation Matrix

1.000			
.888	1.000		
.389	-.875	1.000	
-.923	-.991	-.838	1.000

Apparent Resistivity Measured at 1 Hz is 1607
Apparent Resistivity Calculated from Inductive Coupling is 1463

F	ObsAmp	CalAmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
9	.9299	.9324	-.3	.0	1	124.4	123.8	.5	.0	1
8	.9574	.9538	.5	.0	1	78.2	69.8	.6	.0	1
7	.9644	.9623	.2	.0	1	48.9	41.2	-.7	.0	1
6	.9698	.9685	.1	.0	1	26.2	26.7	-1.9	.4	1
5	.9754	.9748	.1	.0	1	19.8	19.4	2.8	.0	1
4	.9803	.9793	.1	.0	1	15.2	15.7	-3.6	.0	1
3	.9861	.9846	.2	.0	1	14.5	13.9	4.2	.7	1
2	.9909	.9898	.1	.0	1	13.1	12.9	1.4	.8	1
1	.9951	.9951	-.0	.0	1	12.3	12.4	-.7	.0	1
0	1.0000	1.0003	-.0	.0	1	11.8	12.0	-2.1	.0	1
-1	1.0033	1.0056	-.2	.0	1	11.7	11.8	-.9	.0	1
-2	1.0079	1.0107	-.3	.0	1	11.9	11.6	2.6	.0	1
-3	1.0135	1.0159	-.2	.0	1	11.1	11.4	-2.5	.9	1
-4	1.0181	1.0210	-.3	.0	1	11.3	11.2	1.3	.0	1



CRL: Number of dispersions= 2
M2=.36 T2=.00011 C2=.98 fixed

Iter	Lambda	Rchsq	RB	M1	T1	C1
0	1.E-02	.00002	1.183	.275	1.2E+00	.128
1	1.E-02	.00002	1.183	.275	1.2E+00	.128
2	1.E-03	.00002	1.183	.274	1.2E+00	.128

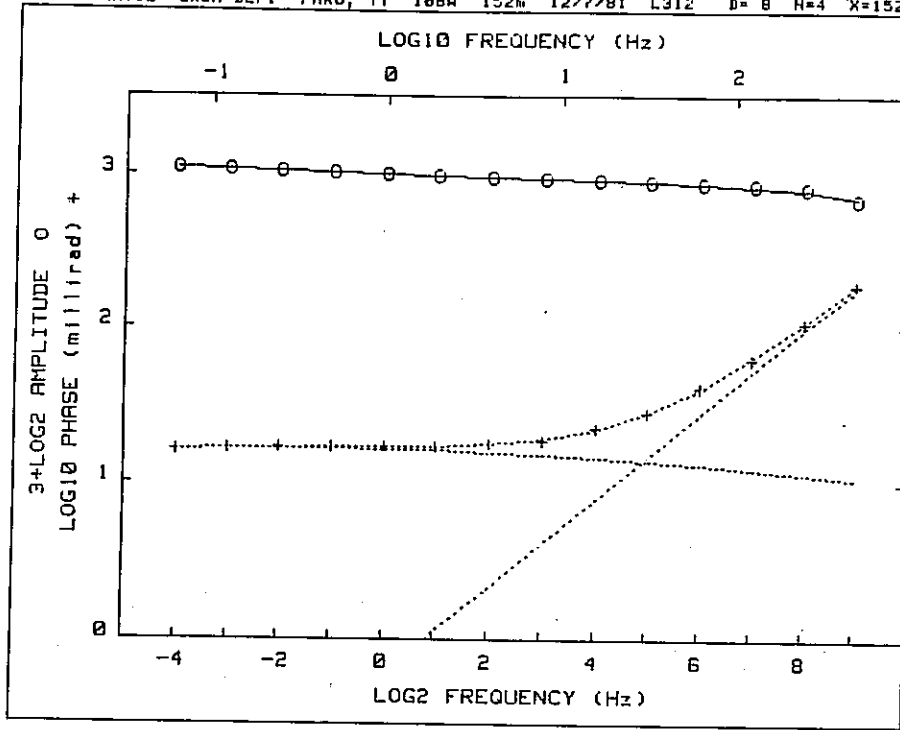
Pct Std Deviations .6 2.5 35.8 3.1

Correlation Matrix

1.000			
.907	1.000		
.848	.577	1.000	
-.882	-.992	-.540	1.000

Apparent Resistivity Measured at 1 Hz is 1479
Apparent Resistivity Calculated from Inductive Coupling is 2115

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
9	.9823	.9848	-.3	.0	1	158.9	159.5	.9	.1	1
8	.9488	.9369	.3	.0	1	89.9	91.4	-1.7	.2	1
7	.9521	.9584	.2	.0	1	53.9	53.8	.1	.0	1
6	.9682	.9586	.2	.0	1	34.7	34.6	.2	.3	1
5	.9677	.9655	.2	.0	1	25.1	25.1	.1	.4	1
4	.9742	.9722	.2	.0	1	20.7	20.4	1.5	.5	1
3	.9815	.9798	.3	.0	1	17.9	18.2	-1.5	.8	1
2	.9879	.9859	.2	.0	1	17.3	17.1	1.0	.8	1
1	.9948	.9929	.1	.0	1	16.5	16.7	-.9	.8	1
0	1.0000	1.0000	-.0	.0	1	16.4	16.4	-.2	.8	1
-1	1.0052	1.0072	-.2	.0	1	16.4	16.3	.5	.8	1
-2	1.0114	1.0145	-.3	.0	1	16.1	16.2	-.7	.8	1
-3	1.0184	1.0218	-.3	.0	1	16.4	16.1	1.9	.9	1
-4	1.0233	1.0298	-.6	.0	1	15.8	15.9	-.7	.8	1



CRL: Number of dispersions= 2
 M2=.56 T2=.888881 C2=.92 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.888883	1.136	.286	9.9E-01	.183
1	1.E-02	.888882	1.136	.286	9.9E-01	.183

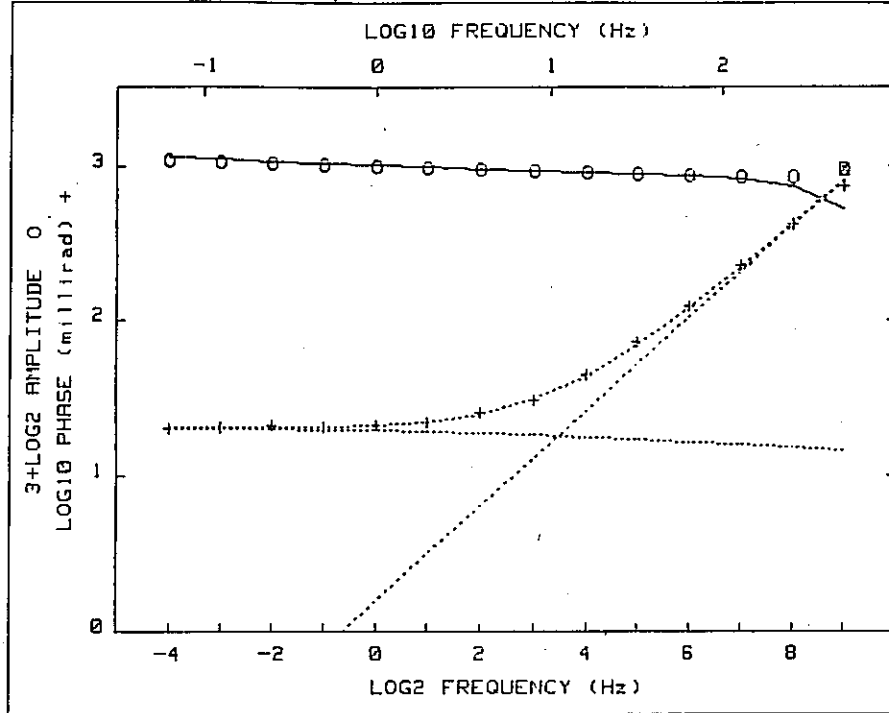
Pct Std Deviations .5 2.7 22.5 3.1

Correlation Matrix

1.000				
.941	1.000			
.886	.744	1.000		
-.989	-.988	-.694	1.000	

Apparent Resistivity Measured at 1 Hz is 1416.
 Apparent Resistivity Calculated from Inductive Coupling is 2404

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
9	.8938	.8958	-.3	.0	1	198.8	188.7	1.1	.1	1
8	.9341	.9384	.4	.0	1	107.7	109.4	-1.6	.1	1
7	.9479	.9468	.1	.0	1	63.9	64.7	-1.2	.0	1
6	.9588	.9567	.2	.0	1	41.3	40.8	1.2	.0	1
5	.9668	.9643	.2	.0	1	28.5	28.4	.2	.0	1
4	.9733	.9713	.2	.0	1	22.6	22.2	1.7	.0	1
3	.9801	.9782	.2	.0	1	18.8	19.2	-2.1	1.1	1
2	.9872	.9852	.2	.0	1	18.8	17.8	1.0	.6	1
1	.9931	.9924	.1	.0	1	17.8	17.2	-1.4	.6	1
0	1.0000	.9997	.0	.0	1	17.1	17.0	.5	.0	1
-1	1.0054	1.0071	-.2	.0	1	17.8	16.9	.6	.0	1
-2	1.0119	1.0146	-.3	.0	1	17.8	16.8	1.2	.0	1
-3	1.0189	1.0222	-.3	.0	1	16.5	16.6	-.7	1.8	1
-4	1.0248	1.0298	-.6	.0	1	16.3	16.3	-.2	.6	1



CRL: Number of dispersions= 2
M2=1 T2=.00019 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	C1
0	1.E-02	.00056	1.192	.259	2.0E+00	.171
1	1.E-02	.00030	1.226	.310	2.1E+00	.138
2	1.E-03	.00034	1.255	.338	3.1E+00	.123
3	1.E-04	.00031	1.277	.339	1.1E+01	.123
4	1.E-05	.00030	1.288	.339	2.3E+01	.125
5	1.E-06	.00030	1.289	.339	2.3E+01	.125

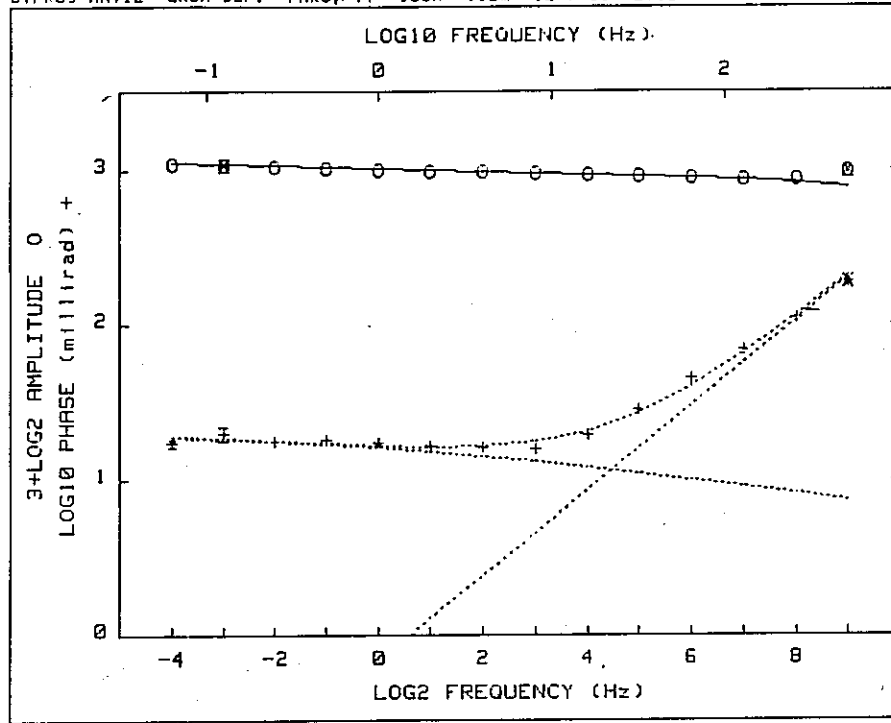
Pct Std Deviations 2.1 5.6 239.3 0.3

Correlation Matrix

1.000				
.644	1.000			
.853	.186	1.000		
-.378	-.935	.186	1.000	

Apparent Resistivity Measured at 1 Hz is 1389
Apparent Resistivity Calculated from Inductive Coupling is 1019

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
9	.9839	.8267	16.8	.1	0	734.5	798.6	-8.7	.1	1
8	.9517	.9125	4.1	.0	1	420.4	430.0	-2.3	.1	1
7	.9475	.9433	.4	.0	1	227.6	225.7	.8	.2	1
6	.9555	.9560	-.0	.0	1	125.0	121.2	3.1	.1	1
5	.9632	.9642	-.1	.0	1	72.3	69.1	4.4	.3	1
4	.9706	.9717	-.1	.0	1	44.8	43.5	2.9	.7	1
3	.9779	.9794	-.2	.0	1	30.7	31.0	-1.0	1.0	1
2	.9864	.9873	-.1	.0	1	25.2	25.0	.6	.6	1
1	.9928	.9956	-.3	.0	1	21.9	22.3	-1.7	.6	1
0	1.0000	1.0042	-.4	.0	1	21.3	21.1	1.1	.5	1
-1	1.0076	1.0129	-.5	.0	1	20.8	20.6	1.0	.0	1
-2	1.0153	1.0219	-.7	.0	1	21.0	20.4	2.6	.7	1
-3	1.0220	1.0311	-.8	.1	1	20.4	20.4	-.1	4.0	1
-4	1.0257	1.0405	-1.4	.1	1	20.1	20.4	-1.6	2.0	1



CRL: Number of dispersions= 2
 C1=.2 M2=1 T2=.888844 C2=.91 fixed

Iter	Lambda	Rchsq	RB	M1	T1
0	1.E-02	.00046	1.192	.217	2.2E+01
1	1.E-02	.00046	1.194	.218	2.2E+01

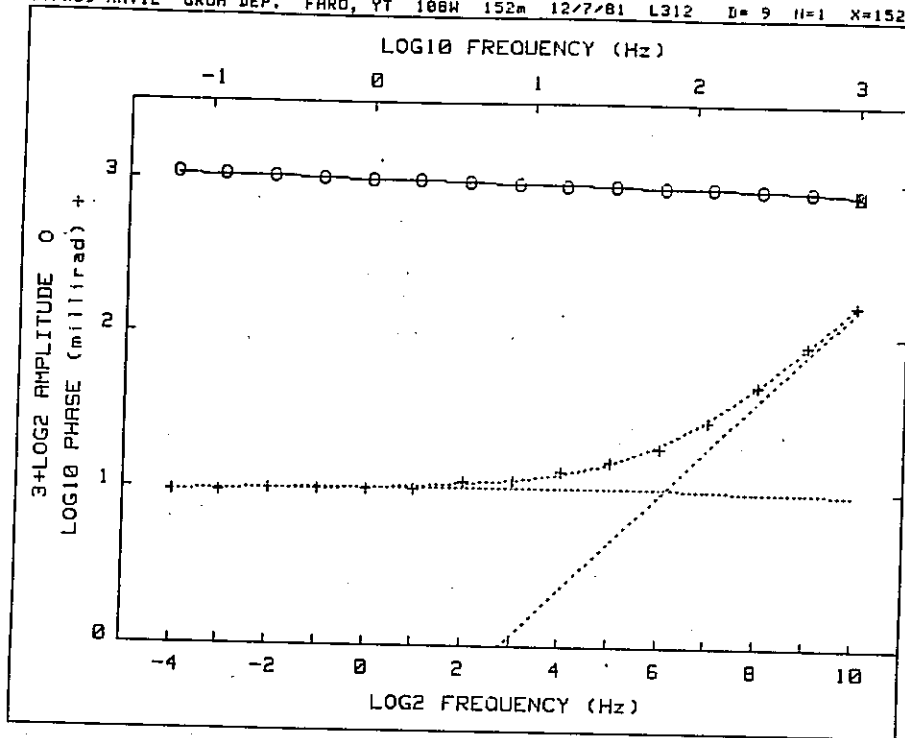
Pct Std Deviations 1.6 4.7 104.7

Correlation Matrix		1.000		
		.956	1.000	
		.946	.949	1.000

Apparent Resistivity Measured at 1 Hz is 896.5
 Apparent Resistivity Calculated from Inductive Coupling is 4668

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
9	.9925	.9289	7.2	.0	0	189.5	209.9	-10.8	.1	0
8	.9565	.9448	1.3	.0	1	110.6	116.9	-5.7	.2	1
7	.9556	.9564	-.1	.0	1	70.0	67.0	4.3	.3	1
6	.9659	.9645	.1	.1	1	45.6	40.8	10.5	1.0	1
5	.9738	.9710	.3	.0	1	28.7	27.3	4.7	.8	1
4	.9784	.9770	.1	.0	1	19.7	20.7	-5.2	.7	1
3	.9842	.9838	.1	.0	1	16.0	17.7	-10.7	3.2	1
2	.9906	.9892	.1	.0	1	16.4	16.6	-1.2	.6	1
1	.9939	.9959	-.2	.0	1	16.0	16.5	1.9	.6	1
0	1.0000	1.0029	-.3	.1	1	17.4	16.8	3.2	.6	1
-1	1.0077	1.0104	-.3	.1	1	18.3	17.4	4.8	1.2	1
-2	1.0138	1.0183	-.5	.1	1	18.0	18.0	-.2	1.2	1
-3	1.0164	1.0267	-1.0	.2	0	19.9	18.6	6.6	10.6	1
-4	1.0266	1.0353	-.8	.2	1	17.3	19.0	-10.1	5.0	1

CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312 D= 9 H=1 X=152m



CRL: Number of dispersions= 2
 C1=.13 M2=.69 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00010	1.097	.190	4.7E-02	3.0E-05
1	1.E-02	.00010	1.097	.189	4.7E-02	3.0E-05
2	1.E-03	.00010	1.097	.189	4.8E-02	3.0E-05

Pct Std Deviations .3 1.0 69.3 1.5

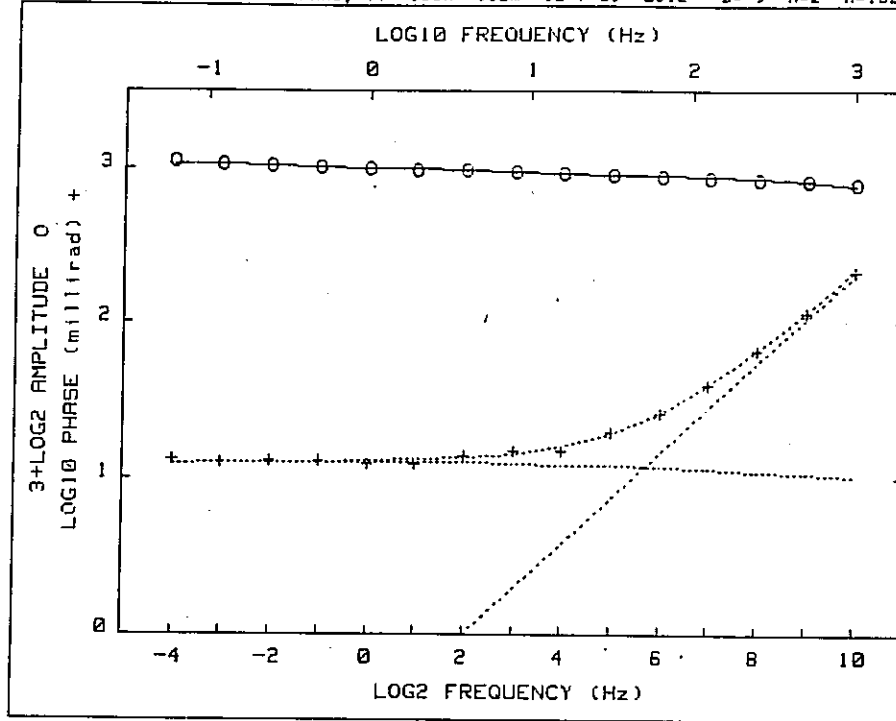
Correlation Matrix

1.000				
-.424	1.000			
.792	-.735	1.000		
.210	-.467	.352	1.000	

Apparent Resistivity Measured at 1 Hz is 1200
 Apparent Resistivity Calculated from Inductive Coupling is 840.2

CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312 D= 9 H=1 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9429	.9415	.1	.0	0	159.5	159.1	.2	.0	1
9	.9561	.9573	-.1	.0	1	86.8	85.0	2.0	.0	1
8	.9638	.9643	-.0	.0	1	48.0	47.5	1.1	.6	1
7	.9685	.9691	-.1	.0	1	27.7	28.8	-3.9	.4	1
6	.9728	.9736	-.1	.0	1	18.7	19.5	-4.2	1.6	1
5	.9764	.9780	-.2	.0	1	15.3	14.9	2.6	.7	1
4	.9806	.9825	-.2	.0	1	13.2	12.6	4.3	2.3	1
3	.9855	.9870	-.2	.0	1	11.4	11.5	-.8	.0	1
2	.9909	.9915	-.1	.0	1	11.3	10.9	3.6	.9	1
1	.9952	.9961	-.1	.0	1	10.1	10.5	-4.4	1.0	1
0	1.0000	1.0006	-.1	.0	1	9.9	10.3	-4.1	1.0	1
-1	1.0051	1.0051	.0	.0	1	10.1	10.1	-.1	1.0	1
-2	1.0101	1.0096	.1	.0	1	10.1	9.9	1.9	1.0	1
-3	1.0166	1.0139	.3	.0	1	9.6	9.7	-.9	.0	1
-4	1.0257	1.0183	.7	.0	1	9.6	9.5	1.5	.0	1



CRL: Number of dispersions= 2
 C1=.13 M2=1 C2=.96 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.88814	1.141	.226	6.3E-01	2.5E-05
1	1.E-02	.88814	1.141	.226	6.4E-01	2.5E-05

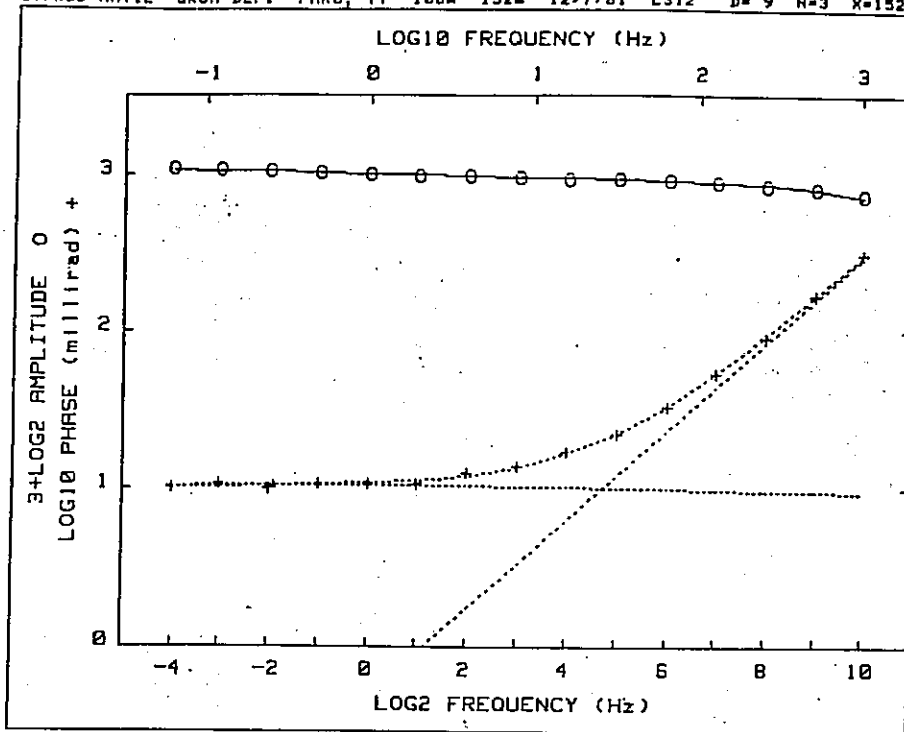
Pct Std Deviations .6 .8 94.1 1.7

Correlation Matrix

1.000				
.321	1.000			
.986	.113	1.000		
.118	-.326	.286	1.000	

Apparent Resistivity Measured at 1 Hz is 1483
 Apparent Resistivity Calculated from Inductive Coupling is 1582

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9279	.9255	-.3	.8	1	214.3	215.8	-.7	.8	1
9	.9429	.9448	-.2	.8	1	117.8	117.1	-.1	.8	1
8	.9522	.9548	-.3	.8	1	66.1	65.8	.4	.5	1
7	.9593	.9618	-.3	.8	1	39.7	39.5	.6	.3	1
6	.9654	.9676	-.2	.8	1	26.2	26.1	.5	.4	1
5	.9709	.9731	-.2	.8	1	19.8	19.3	2.5	.5	1
4	.9761	.9785	-.3	.8	1	15.8	15.9	-6.2	.7	1
3	.9822	.9848	-.2	.8	1	14.7	14.3	2.9	.8	1
2	.9881	.9894	-.1	.8	1	13.7	13.5	1.7	.7	1
1	.9942	.9958	-.1	.8	1	12.3	13.1	-6.3	.8	1
0	1.0000	1.0006	-.1	.8	1	12.2	12.9	-5.5	.8	1
-1	1.0067	1.0062	.1	.8	1	13.8	12.7	1.9	.8	1
-2	1.0132	1.0119	.1	.8	1	12.8	12.6	1.3	.8	1
-3	1.0219	1.0175	.4	.8	1	12.5	12.5	-.1	.8	1
-4	1.0336	1.0231	1.0	.8	1	13.1	12.4	5.7	.8	1



CRL: Number of dispersions= 2
 C1=.1 M2=1 C2=.93 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00034	1.143	.233	6.2E-01	3.3E-05
1	1.E-02	.00009	1.143	.233	6.2E-01	3.6E-05
2	1.E-03	.00009	1.143	.233	6.0E-01	3.6E-05

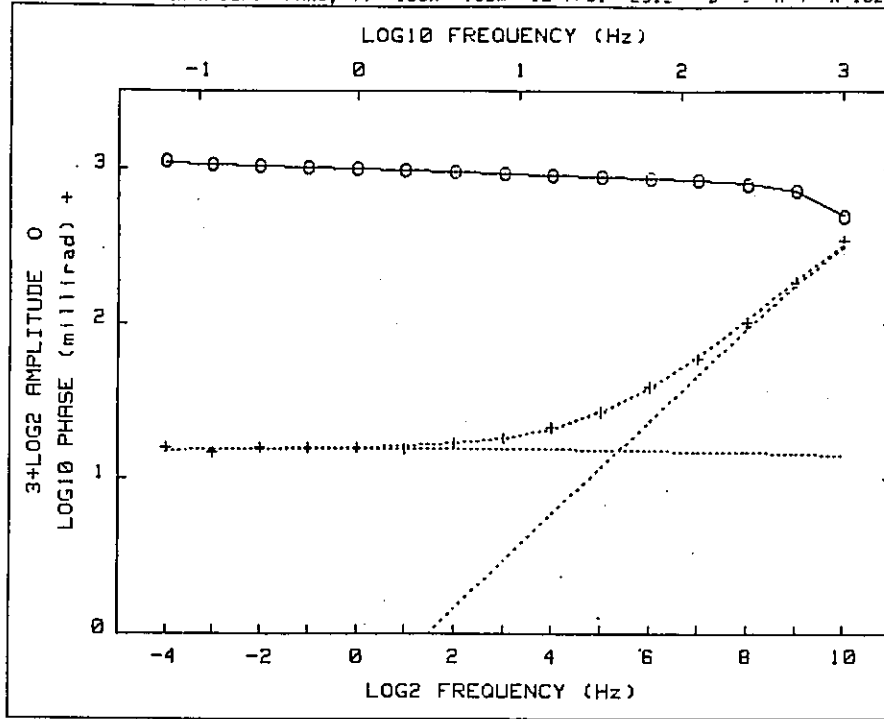
Pct Std Deviations .7 .0 170.1 1.3

Correlation Matrix

1.000				
-.063	1.000			
.948	-.242	1.000		
-.012	-.375	.048	1.000	

Apparent Resistivity Measured at 1 Hz is 1424
 Apparent Resistivity Calculated from Inductive Coupling is 1865

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9115	.9017	1.1	.8	1	312.0	305.4	2.1	.1	1
9	.9399	.9382	.2	.8	1	168.7	167.9	.5	.1	1
8	.9536	.9554	-.2	.8	1	91.5	93.3	-2.0	.0	1
7	.9632	.9651	-.2	.8	1	53.3	53.7	-.8	.2	1
6	.9681	.9710	-.4	.8	1	32.5	33.0	-1.4	.0	1
5	.9749	.9774	-.3	.8	1	22.2	22.1	.3	.5	1
4	.9794	.9824	-.3	.8	1	17.1	16.5	3.5	.6	1
3	.9854	.9872	-.2	.8	1	13.0	13.6	1.6	1.6	1
2	.9897	.9919	-.2	.8	1	12.6	12.1	4.2	.0	1
1	.9946	.9965	-.2	.8	1	10.7	11.3	-5.5	.0	1
0	1.0000	1.0012	-.1	.8	1	10.7	10.9	-1.6	.0	1
-1	1.0053	1.0058	-.1	.8	1	10.6	10.6	-.3	.0	1
-2	1.0107	1.0105	.0	0.0	1	10.1	10.5	-3.8	.0	1
-3	1.0160	1.0151	.2	.0	1	10.7	10.4	3.2	1.3	1
-4	1.0265	1.0197	.7	.0	1	10.3	10.2	.6	1.0	1



CRL: Number of dispersions= 2
 C1=.1 M2=.46 C2=1 fixed

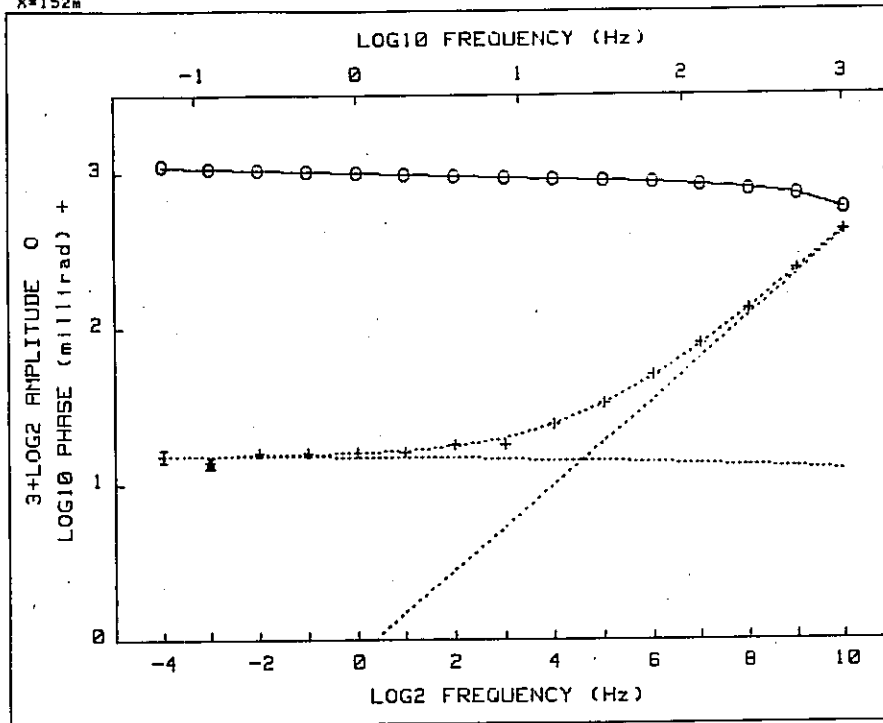
Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.88813	1.212	.329	6.9E-01	1.8E-04
1	1.E-02	.88813	1.212	.329	6.9E-01	1.0E-04

Pct Std Deviations 1.0 .8 103.6 1.5

Correlation Matrix			
1.000			
-.218	1.000		
.961	-.395	1.000	
-.896	-.358	-.854	1.000

Apparent Resistivity Measured at 1 Hz is 1244
 Apparent Resistivity Calculated from Inductive Coupling is 3017

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8864	.8148	-1.0	.0	1	350.9	332.2	5.3	.1	1
9	.9822	.9837	-.2	.0	1	187.3	195.6	-4.4	.0	1
8	.9338	.9364	-.4	.0	1	103.6	108.4	-4.7	.1	1
7	.9475	.9496	-.2	.0	1	61.8	62.1	-1.7	.2	1
6	.9571	.9577	-.1	.0	1	39.7	38.7	2.6	.4	1
5	.9644	.9645	-.0	.0	1	27.5	27.8	1.7	.4	1
4	.9721	.9712	.1	.0	1	21.6	21.3	1.5	.9	1
3	.9792	.9779	.1	.0	1	18.2	18.5	-1.4	.8	1
2	.9857	.9847	.1	.0	1	17.2	17.1	.8	.8	1
1	.9927	.9915	.1	.0	1	15.6	16.4	-4.9	.9	1
0	1.0000	.9984	.2	.0	1	16.0	16.0	.0	.6	1
-1	1.0076	1.0053	.2	.0	1	15.9	15.8	.8	.6	1
-2	1.0145	1.0123	.2	.0	1	15.8	15.6	1.3	.6	1
-3	1.0219	1.0192	.3	.1	1	14.7	15.4	-4.9	2.5	1
-4	1.0316	1.0261	.5	.1	1	15.9	15.9	4.1	2.5	1



CRL: Number of dispersions= 2
C1=.1 M2=1 T2=.000046 C2=.9 fixed

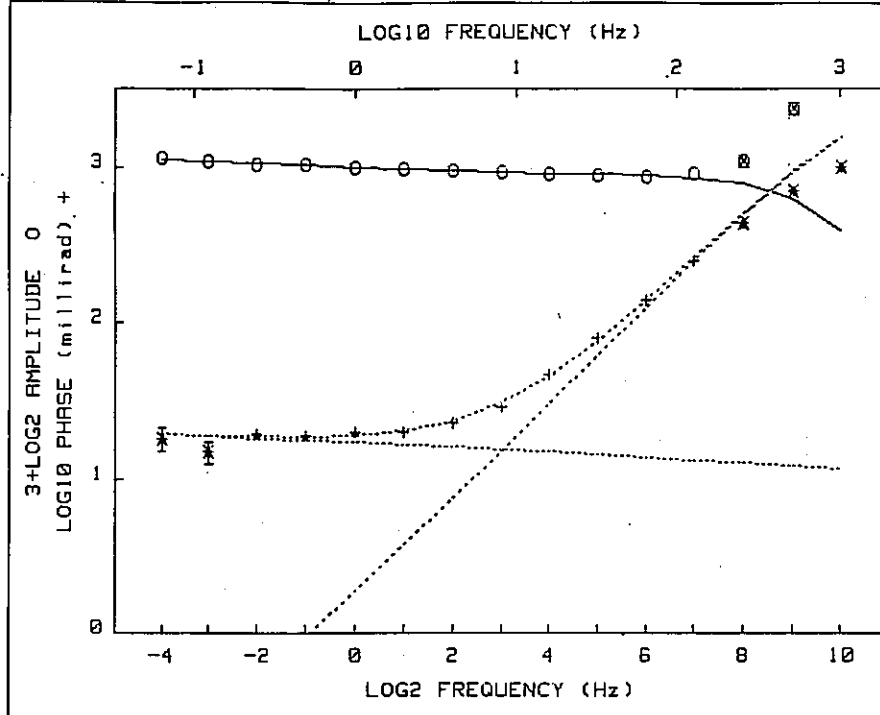
Iter	Lambda	Rchsq	RB	M1	T1
0	1.E-02	.00010	1.240	.321	1.1E+01
1	1.E-02	.00010	1.240	.321	1.1E+01

Pct Std Deviations 1.1 1.0 178.6

Correlation Matrix		1.000		
		.797	1.000	
		.975	.784	1.000

Apparent Resistivity Measured at 1 Hz is 1114
Apparent Resistivity Calculated from Inductive Coupling is 3185

F	ObsRmp	CalRmp	PctDif	ASD%	Mts	ObsPhz	CalPhz	PctDif	PSD%	Mts
10	.8510	.8483	.3	.0	1	416.9	420.6	-.9	.0	1
9	.9019	.9026	-.1	.0	1	236.7	237.5	-.3	.2	1
8	.9272	.9302	-.3	.0	1	133.9	134.6	-.5	.1	1
7	.9442	.9461	-.2	0.0	1	79.5	78.6	1.2	.6	1
6	.9551	.9568	-.2	.0	1	50.3	48.5	3.5	.6	1
5	.9638	.9652	-.1	.0	1	32.7	32.6	.3	1.5	1
4	.9716	.9725	-.1	.0	1	24.4	24.2	.9	.4	1
3	.9785	.9794	-.1	.0	1	18.0	19.8	-9.9	1.2	1
2	.9854	.9861	-.1	.0	1	17.0	17.5	1.6	.0	1
1	.9924	.9928	-.0	.0	1	16.0	16.4	-2.3	1.4	1
0	1.0000	.9995	.1	.0	1	16.1	15.8	1.8	1.2	1
-1	1.0001	1.0062	.2	.0	1	15.9	15.5	2.3	.6	1
-2	1.0124	1.0130	-.1	.0	1	15.0	15.4	-2.5	.9	1
-3	1.0214	1.0199	.1	.2	1	13.7	15.3	-11.9	8.2	0
-4	1.0320	1.0260	.6	.3	1	15.1	15.3	-1.1	9.3	1



CRL: Number of dispersions= 2
 C1=.1 N2=1 T2=.8882 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00064	1.311	.377	3.8E+01
1	1.E-02	.00060	1.322	.382	3.2E+01
2	1.E-03	.00056	1.334	.384	5.1E+01
3	1.E-04	.00034	1.419	.400	4.2E+03
4	1.E-05	.00024	1.529	.437	1.2E+05
5	1.E-06	.00019	1.524	.435	7.3E+04
6	1.E-07	.00019	1.525	.435	7.5E+04

Pct Std Deviations 2.2 2.3 158.6

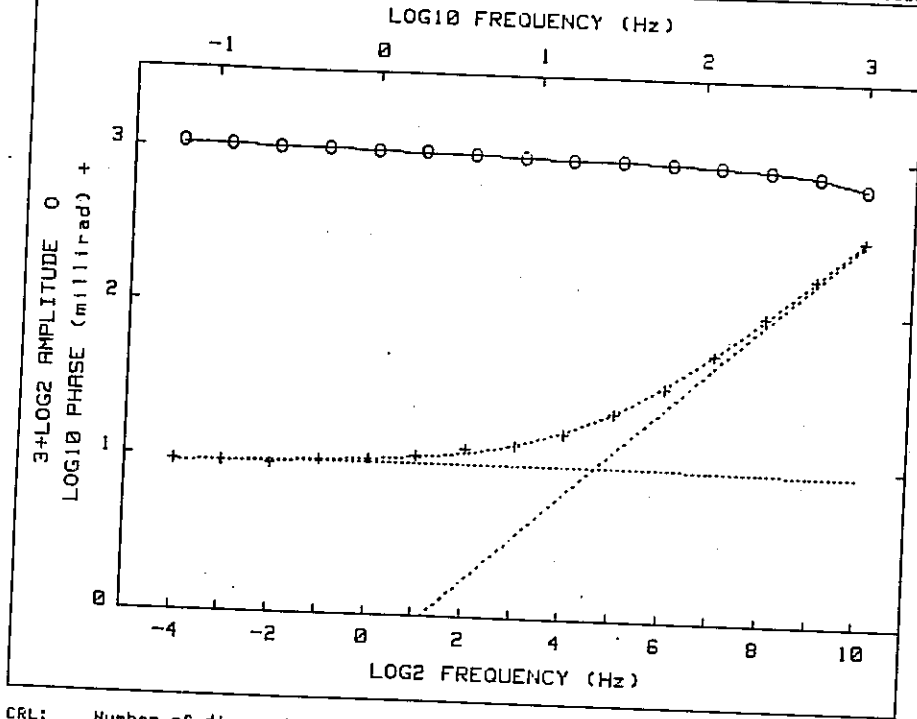
Correlation Matrix

1.000			
.977	1.000		
.968	.924	1.000	
			1.000

Apparent Resistivity Measured at 1 Hz is 1041
 Apparent Resistivity Calculated from Inductive Coupling is 1392

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	2.2081	.7529	65.9	.0	0	990.0	1568.3	-58.4	.1	0
9	1.2931	.8658	33.0	.0	0	706.0	941.8	-33.4	.1	0
8	1.0282	.9278	9.0	.0	0	436.6	506.6	-16.8	.0	0
7	.9674	.9589	1.7	.1	1	252.8	263.6	-4.3	.3	1
6	.9681	.9688	-.1	.1	1	140.3	139.8	.9	.2	1
5	.9641	.9675	-.4	.1	1	80.5	76.7	4.7	.7	1
4	.9714	.9738	-.2	.1	1	47.1	46.0	2.3	1.7	1
3	.9782	.9803	-.2	.1	1	29.8	31.1	-7.1	2.8	1
2	.9844	.9872	-.3	.0	1	22.9	23.9	-4.5	1.4	1
1	.9917	.9944	-.3	.1	1	28.2	28.7	-2.3	2.0	1
0	1.0880	1.0819	-.2	.1	1	28.0	19.3	3.4	2.8	1
-1	1.0091	1.0098	-.1	.1	1	19.3	18.9	1.9	3.6	1
-2	1.0115	1.0188	-.6	.1	1	19.6	19.0	3.1	5.1	1
-3	1.0240	1.0264	-.2	.3	1	15.1	19.3	-27.7	16.6	0
-4	1.0441	1.0352	.8	.7	1	18.3	19.7	-7.4	17.5	0

CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312 D=10 H=1 X=152m



CRL: Number of dispersions= 2
 C1=.1 M2=.81 C2=.94 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00009	1.122	.215	3.0E-01	4.9E-05
1	1.E-02	.00009	1.122	.215	3.0E-01	4.9E-05
2	1.E-03	.00009	1.122	.215	2.7E-01	4.9E-05
3	1.E-04	.00008	1.118	.216	1.5E-01	4.9E-05
4	1.E-05	.00008	1.116	.217	9.8E-02	4.9E-05
5	1.E-06	.00008	1.115	.217	8.5E-02	4.9E-05

Pct Std Deviations .5 1.2 153.7 1.2

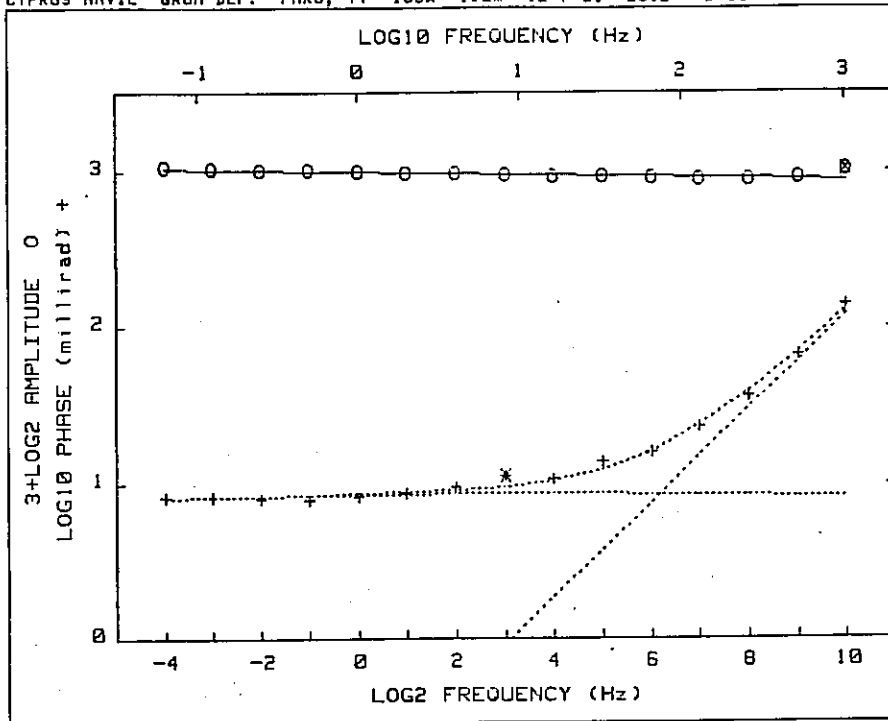
Correlation Matrix

1.000			
-.638	1.000		
.924	-.806	1.000	
.117	-.352	.171	1.000

Apparent Resistivity Measured at 1 Hz is 1759
 Apparent Resistivity Calculated from Inductive Coupling is 356.1

CYPRUS ANVIL GRUM DEP. FARO, YT 108W 152m 12/7/81 L312 D=10 H=1 X=152m

F	ObsAmp	CalAmp	PctDif	ASD%	Mts	ObsPhz	CalPhz	PctDif	PSD%	Mts
10	.8855	.8845	.1	.0	1	309.5	307.2	.7	.0	1
9	.9295	.9338	-.4	.0	1	173.1	178.9	1.3	.0	1
8	.9507	.9535	-.3	.0	1	96.2	94.8	1.5	.0	1
7	.9616	.9639	-.2	.0	1	54.0	54.1	-.3	.0	1
6	.9683	.9706	-.2	.0	1	32.8	32.8	-2.6	.0	1
5	.9752	.9759	-.1	.0	1	21.4	21.7	-1.4	.5	1
4	.9799	.9806	-.1	.0	1	15.5	15.9	-2.7	.0	1
3	.9845	.9851	-.1	.0	1	12.8	12.9	-.9	.0	1
2	.9894	.9894	.0	.0	1	11.9	11.3	4.8	1.2	1
1	.9952	.9937	.1	.0	1	10.6	10.5	1.1	.9	1
0	1.0000	.9988	.2	.0	1	10.1	10.0	.9	1.0	1
-1	1.0043	1.0022	.2	.0	1	9.7	9.7	-.1	1.0	1
-2	1.0085	1.0064	.2	.0	1	9.1	9.5	-4.4	1.6	1
-3	1.0116	1.0106	.1	.0	1	9.3	9.3	-.3	.0	1
-4	1.0186	1.0147	.4	.0	1	9.3	9.2	1.5	.0	1



CRL: Number of dispersions= 2
 C1=.1 M2=.98 T2=.800017 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.80033	1.899	.197	4.4E-02
1	1.E-02	.80033	1.899	.197	4.3E-02

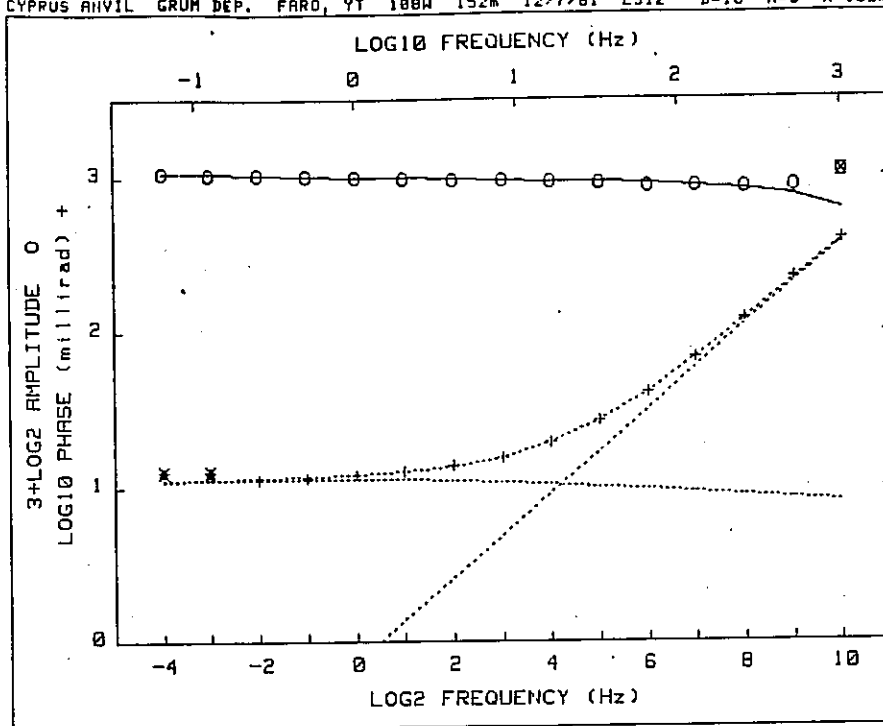
Pct Std Deviations .7 2.1 352.7

Correlation Matrix

	1.000		
	-.553	1.000	
	.667	-.779	1.000

Apparent Resistivity Measured at 1 Hz is 1488
 Apparent Resistivity Calculated from Inductive Coupling is 2733

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0032	.9557	4.7	.0	0	139.9	129.5	7.4	.1	1
9	.9692	.9631	.6	.0	1	65.7	69.0	-5.0	.3	1
8	.9639	.9675	-.4	.0	1	36.3	38.7	-6.6	.0	1
7	.9650	.9713	-.7	.0	1	23.8	23.6	-2.6	.0	1
6	.9694	.9751	-.6	.0	1	15.9	16.1	-1.2	1.4	1
5	.9754	.9780	-.3	.0	1	14.0	12.4	11.7	.0	1
4	.9796	.9825	-.3	.0	1	10.7	10.5	1.9	.0	1
3	.9853	.9862	-.1	.0	1	11.1	9.6	13.9	1.0	0
2	.9888	.9900	-.1	.0	1	9.6	9.1	5.6	1.0	1
1	.9943	.9938	.1	.0	1	8.7	8.0	-1.1	1.1	1
0	1.0000	.9975	.2	.0	1	8.3	8.6	-3.8	.0	1
-1	1.0044	1.0013	.3	.0	1	7.9	8.5	-7.3	.0	1
-2	1.0077	1.0050	.3	.0	1	8.0	8.3	-4.3	1.3	1
-3	1.0116	1.0087	.3	.0	1	8.2	8.2	-.2	.0	1
-4	1.0193	1.0123	.7	.0	1	8.3	8.1	2.7	1.2	1



CRL: Number of dispersions= 2
 C1=.15 M2=1 C2=.91 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.80142	1.124	.179	3.2E+00	4.0E-05
1	1.E-02	.80021	1.124	.179	3.1E+00	4.9E-05
2	1.E-03	.80020	1.121	.177	2.6E+00	4.9E-05
3	1.E-04	.80019	1.113	.174	1.2E+00	4.9E-05
4	1.E-05	.80019	1.110	.174	8.0E-01	4.9E-05

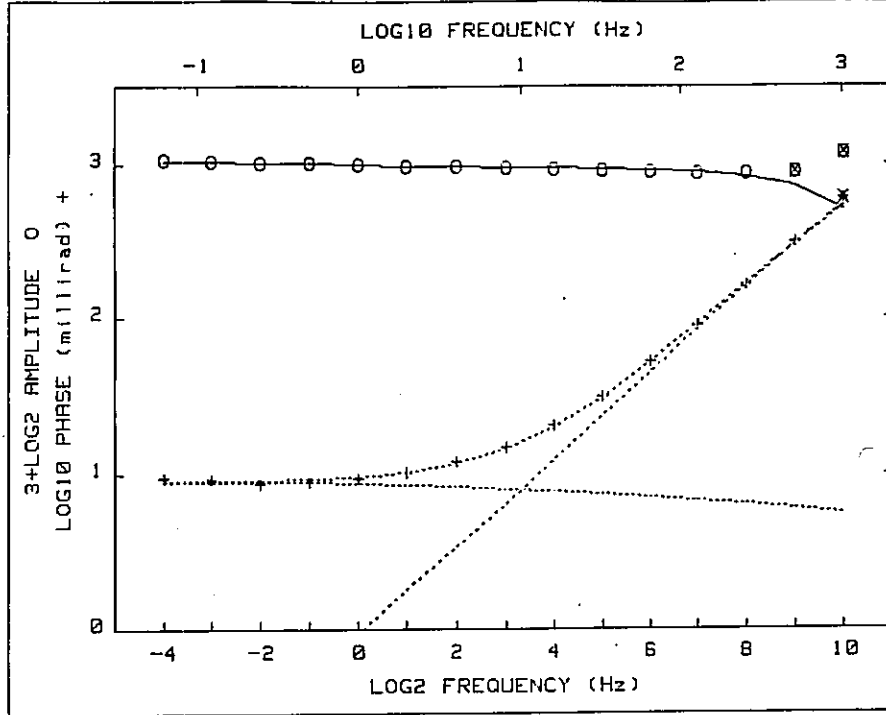
Pct Std Deviations 1.0 2.2 189.0 1.8

Correlation Matrix

1.000				
.846	1.000			
.950	.783	1.000		
-.815	-.226	.846	1.000	

Apparent Resistivity Measured at 1 Hz is 1678
 Apparent Resistivity Calculated from Inductive Coupling is 1274

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.8283	.8619	15.5	.0	0	394.1	383.8	2.6	.1	1
9	.9568	.9191	3.9	.0	1	228.8	216.4	2.0	.0	1
8	.9497	.9439	.4	.0	1	128.5	121.4	-7	.0	1
7	.9543	.9599	-.6	.0	1	69.8	69.6	-.8	.0	1
6	.9682	.9687	-.9	.0	1	41.2	41.9	-1.6	.0	1
5	.9695	.9753	-.6	.0	1	27.3	27.2	.4	.4	1
4	.9754	.9810	-.6	.0	1	19.8	19.5	1.4	.0	1
3	.9816	.9862	-.5	.0	1	15.4	15.5	-.9	.6	1
2	.9872	.9912	-.4	.0	1	13.7	13.5	1.5	.7	1
1	.9934	.9963	-.3	.0	1	12.7	12.5	1.8	.8	1
0	1.0000	1.0013	-.1	.0	1	12.0	11.9	.5	.8	1
-1	1.0047	1.0064	-.2	.0	1	11.6	11.7	-.5	.9	1
-2	1.0098	1.0115	-.2	.0	1	11.3	11.5	-1.6	.9	1
-3	1.0143	1.0166	-.2	.0	1	12.7	11.3	10.9	.8	0
-4	1.0224	1.0217	.1	.0	1	12.7	11.1	12.3	.8	0



CRL: Number of dispersions= 2
 C1=.15 M2=1 C2=.93 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2
0	1.E-02	.00023	1.085	.139	1.1E+00	7.4E-05
1	1.E-02	.00013	1.085	.139	1.1E+00	7.9E-05
2	1.E-03	.00013	1.087	.139	1.4E+00	7.9E-05
3	1.E-04	.00012	1.091	.140	2.5E+00	7.9E-05
4	1.E-05	.00012	1.092	.141	3.2E+00	7.9E-05

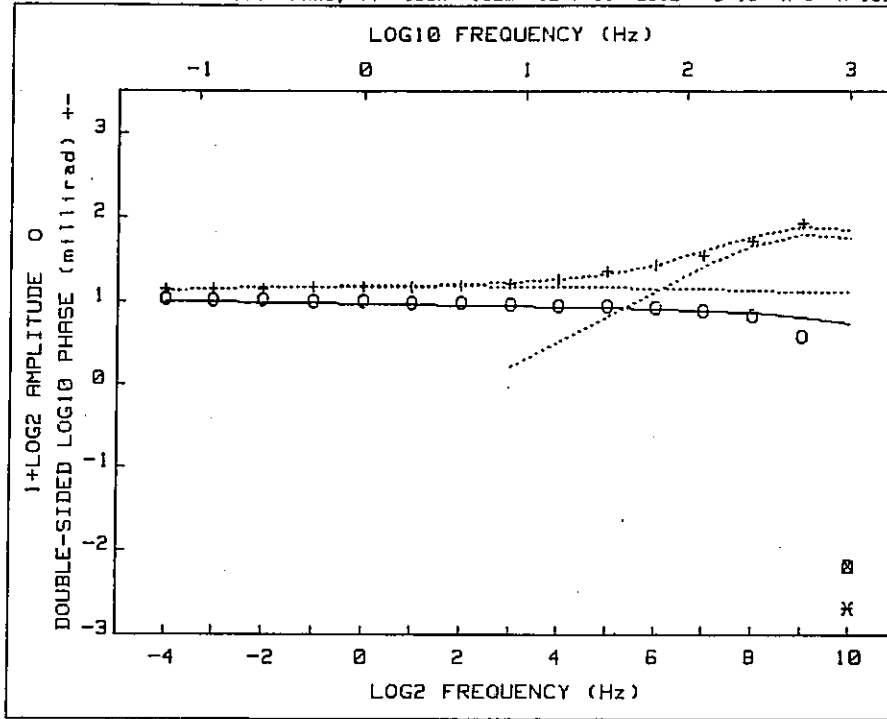
Pct Std Deviations .5 1.3 91.5 1.4

Correlation Matrix

1.000				
.753	1.000			
.082	.699	1.000		
.125	-.107	.205	1.000	

Apparent Resistivity Measured at 1 Hz is 1652
 Apparent Resistivity Calculated from Inductive Coupling is 1487

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0581	.8145	22.4	0.0	0	589.3	539.4	8.5	.0	0
9	.9650	.9060	6.1	.0	0	307.6	305.4	.7	.0	1
8	.9555	.9455	1.1	.0	1	164.6	167.5	-1.7	.1	1
7	.9683	.9629	-.3	.0	1	89.5	92.0	-2.8	.0	1
6	.9665	.9720	.6	.0	1	51.9	51.9	-.0	.0	1
5	.9725	.9779	-.5	.0	1	31.2	30.9	.9	1.0	1
4	.9791	.9824	-.3	.0	1	20.6	20.0	2.8	.0	1
3	.9850	.9865	-.2	.0	1	14.8	14.4	2.4	1.4	1
2	.9886	.9904	-.2	.0	1	12.0	11.6	3.1	.8	1
1	.9946	.9943	.0	.0	1	10.3	10.2	.5	1.0	1
0	1.0000	.9902	.2	.0	1	9.3	9.6	-3.1	2.2	1
-1	1.0041	1.0021	.2	.0	1	8.9	9.3	-4.5	2.2	1
-2	1.0080	1.0061	.2	.0	1	8.7	9.2	-5.4	1.1	1
-3	1.0114	1.0101	.1	.0	1	9.3	9.1	2.1	1.1	1
-4	1.0170	1.0142	.3	.0	1	9.5	9.0	4.8	1.1	1



CRL: Number of dispersions= 2
 C1=.15 M2=.1 T2=.00028 C2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1
0	1.E-02	.00285	1.100	.227	9.9E-02
1	1.E-02	.00285	1.100	.227	9.8E-02

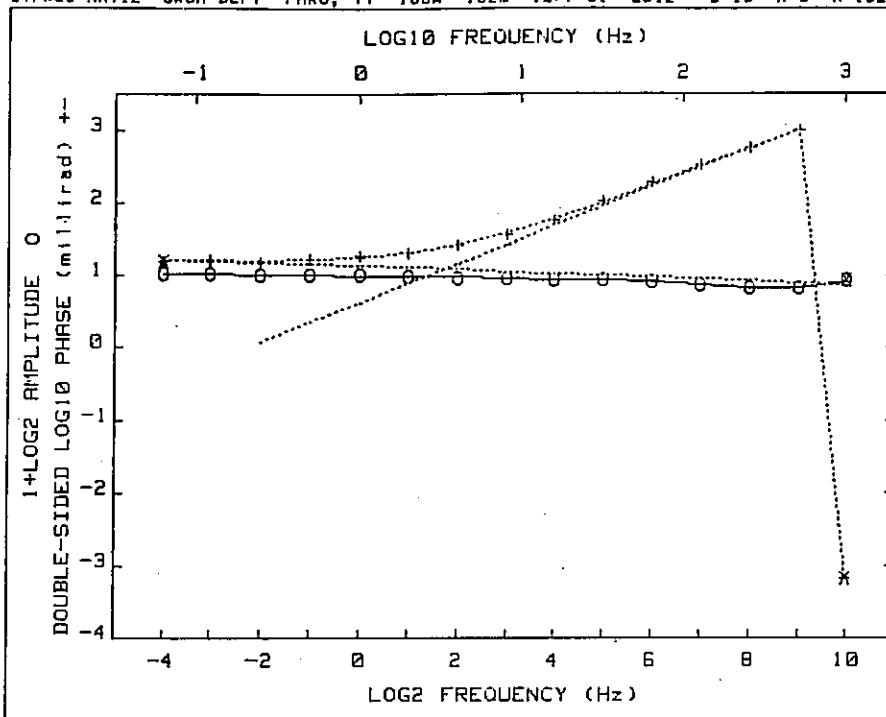
Pct Std Deviations 1.8 4.1 528.0

Correlation Matrix

1.000		
-.147	1.000	
.797	-.482	1.000

Apparent Resistivity Measured at 1-Hz is 1334
 Apparent Resistivity Calculated from Inductive Coupling is 6956

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.1180	.8359	-659.6	.0	0	-496.5	69.8	114.1	.4	0
9	.7473	.8765	-17.3	.0	1	84.7	76.8	9.3	.0	1
8	.0897	.9122	-2.5	.0	1	51.5	59.7	-15.9	.2	1
7	.9318	.9386	.0	.0	1	35.5	39.9	-12.5	.6	1
6	.9482	.9403	.8	.0	1	27.9	27.8	.5	.0	1
5	.9603	.9473	1.3	.0	1	22.9	21.5	6.3	1.3	1
4	.9699	.9539	1.7	.0	1	18.5	18.3	.8	.0	1
3	.9767	.9604	1.7	.1	1	16.3	16.8	-3.2	1.4	1
2	.9838	.9669	1.7	.0	1	15.5	16.0	-3.5	.9	1
1	.9921	.9735	1.9	.0	1	15.1	15.6	-3.3	.9	1
0	1.0000	.9801	2.0	.0	1	15.0	15.3	-1.9	.0	1
-1	1.0056	.9866	1.9	.0	1	14.7	15.0	-1.9	.7	1
-2	1.0122	.9931	1.9	.0	1	14.5	14.7	-1.1	1.5	1
-3	1.0169	.9995	1.7	.1	1	14.3	14.3	.0	1.6	1
-4	1.0229	1.0058	1.7	.1	1	14.4	13.9	3.6	1.4	1



CRL: Number of dispersions= 2
 C1=.1 M2=1 T2=.00014 C2=.09 fixed

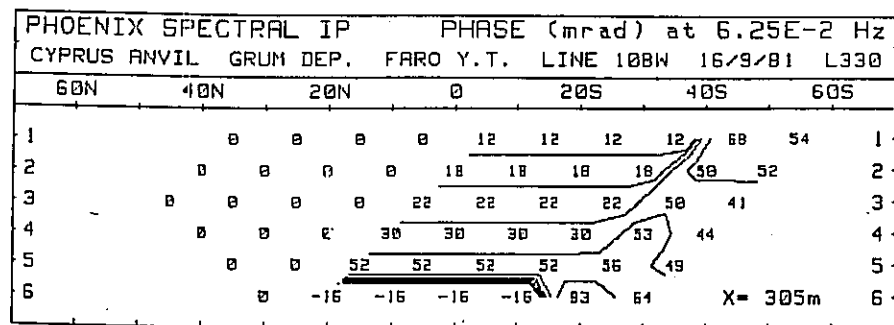
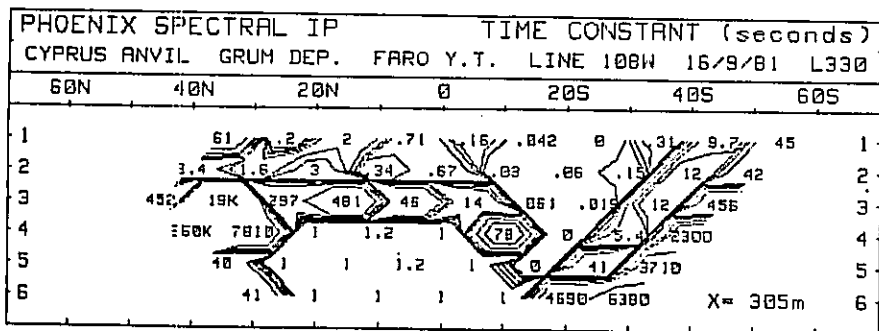
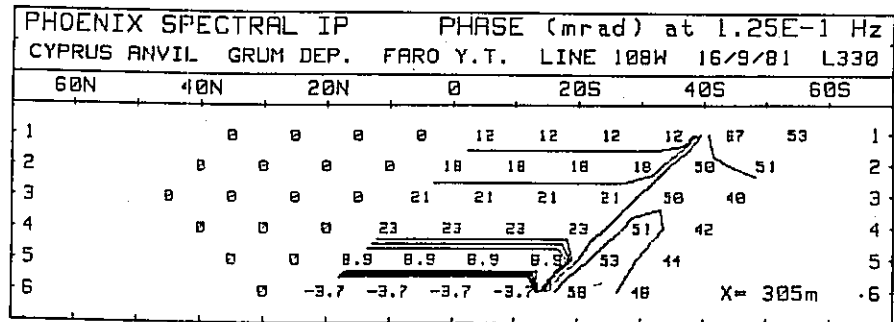
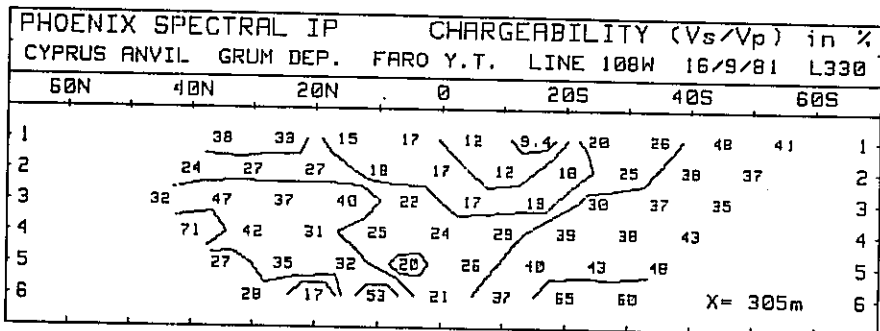
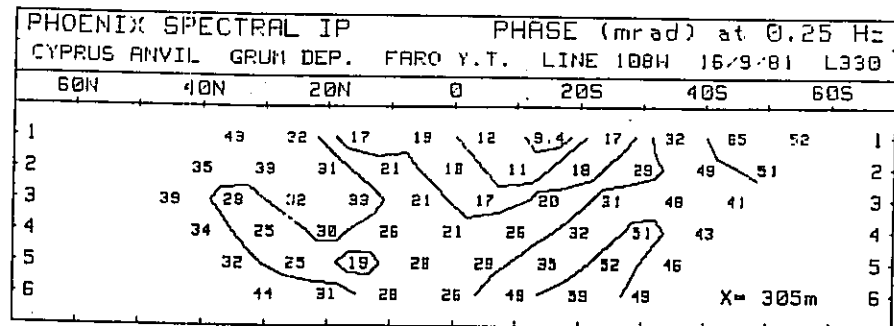
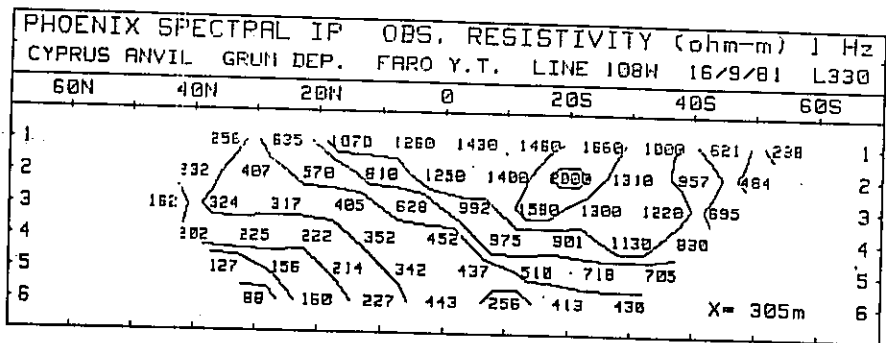
Iter	Lambda	Rchsq	RB	M1	T1
0	1.E-02	.00000	2.243	.596	2.7E+10
1	1.E-02	.00000	2.243	.596	2.7E+10

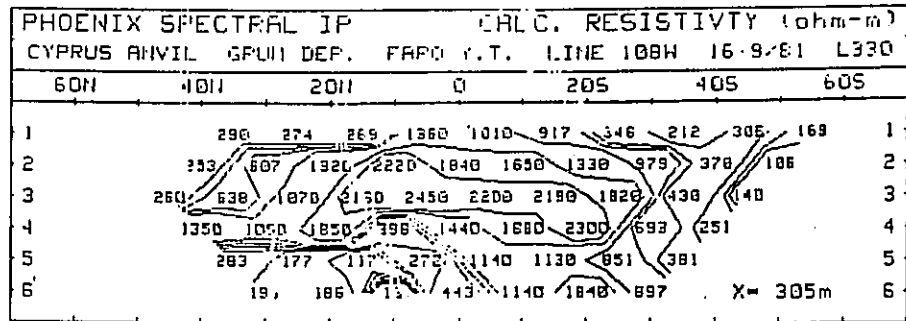
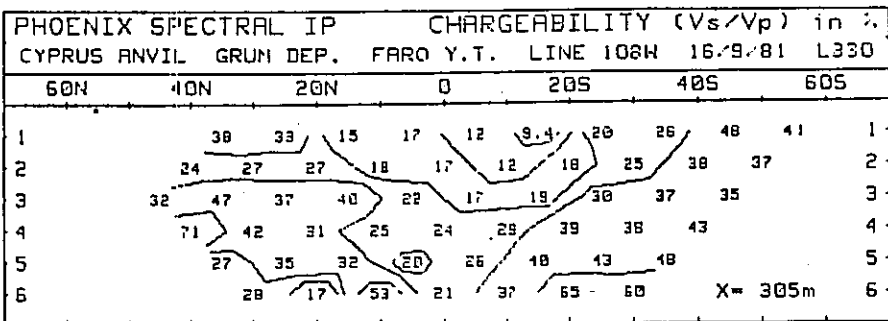
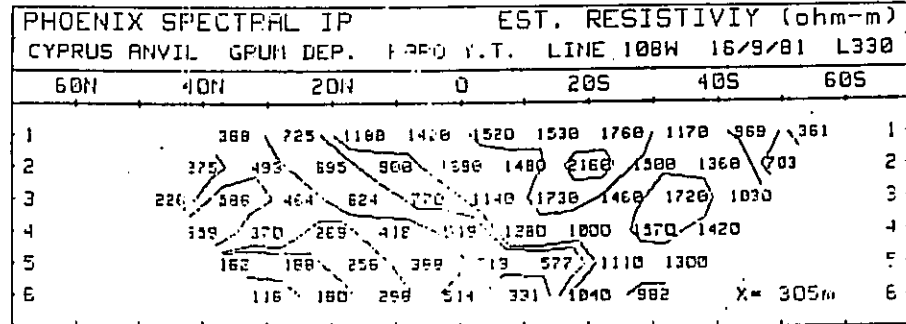
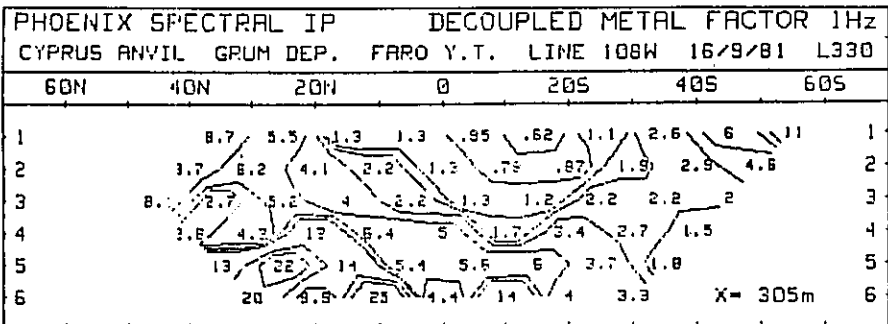
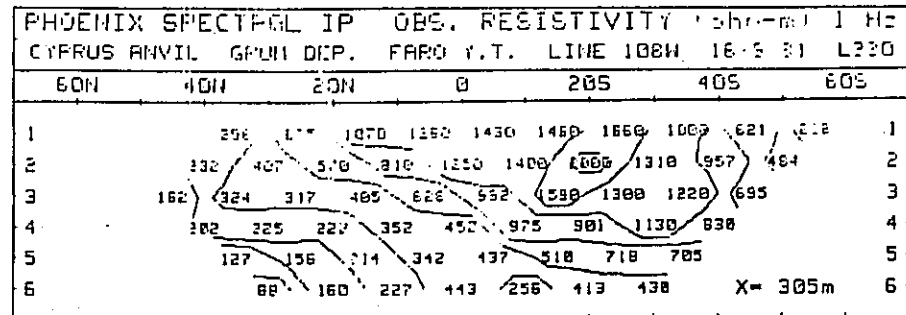
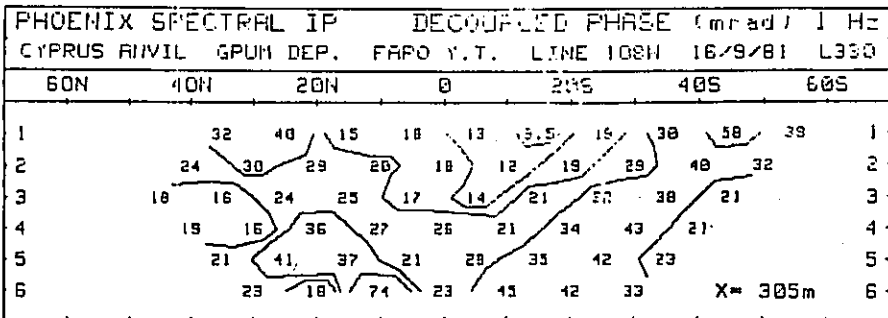
Pct Std Deviations .8 .5 24.5

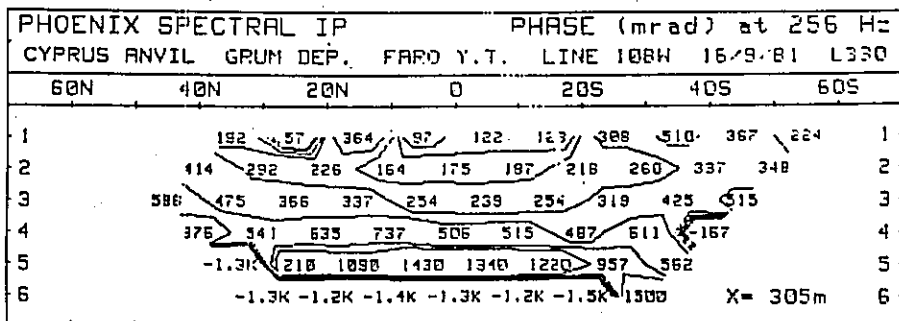
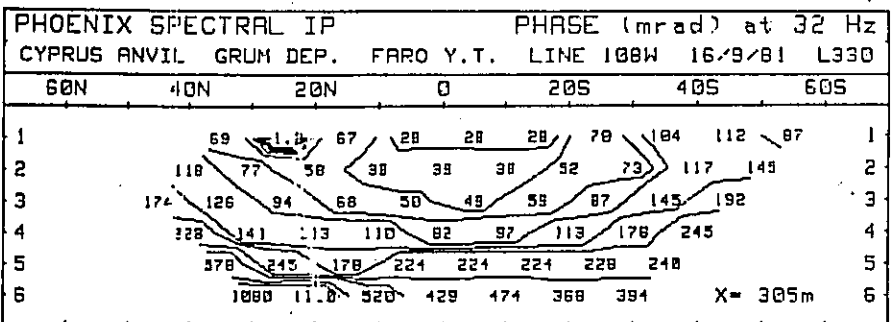
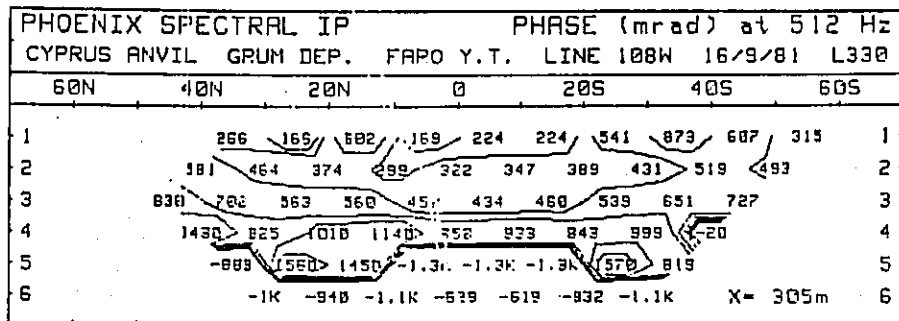
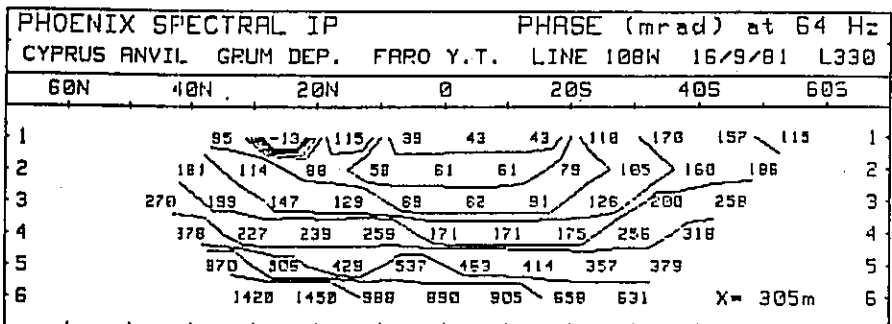
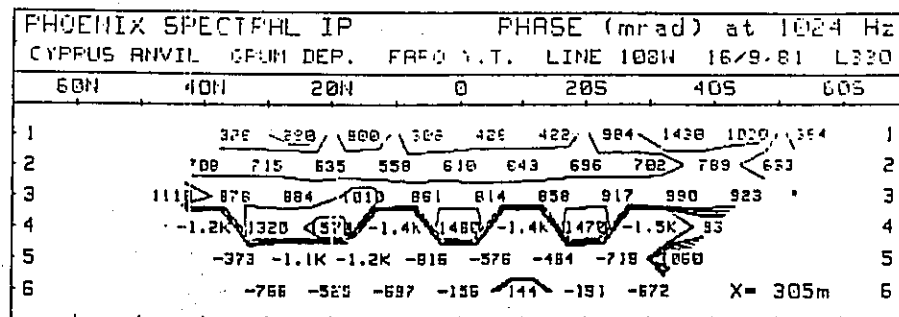
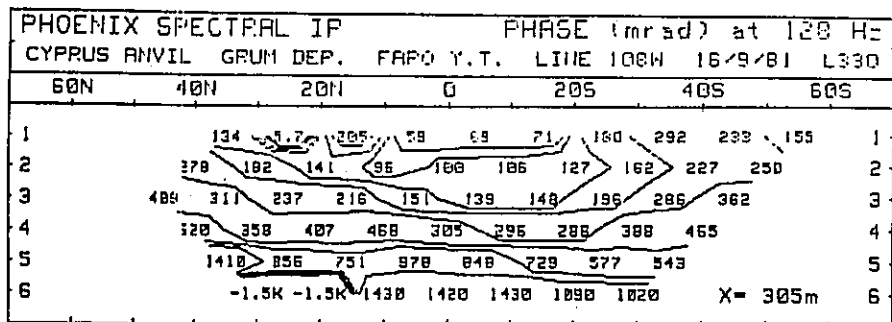
Correlation Matrix		1.000		
		.963	1.000	
		.019	.750	1.000

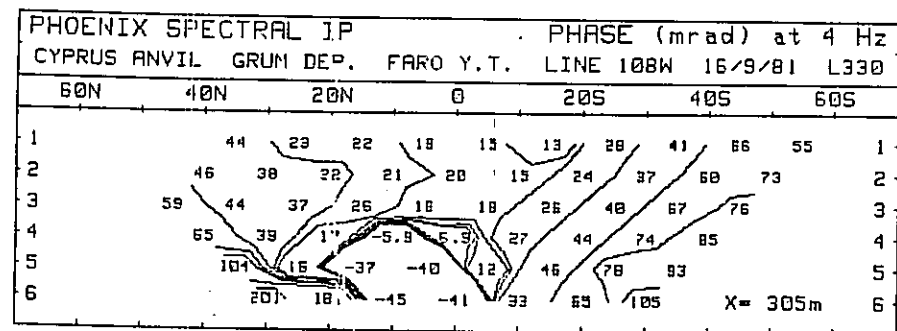
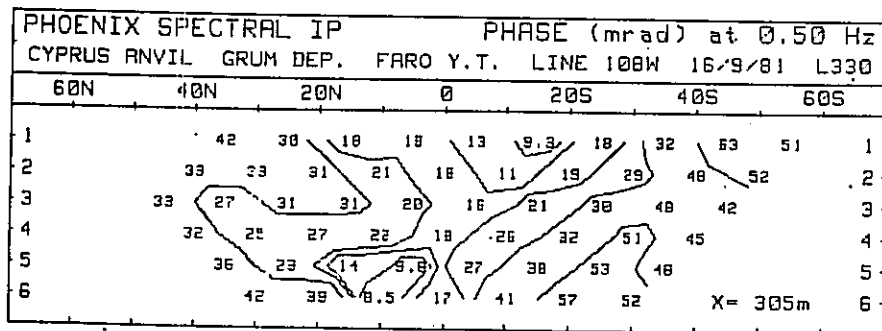
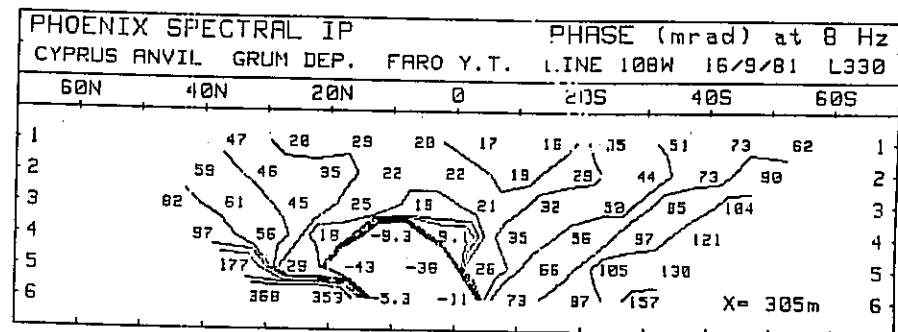
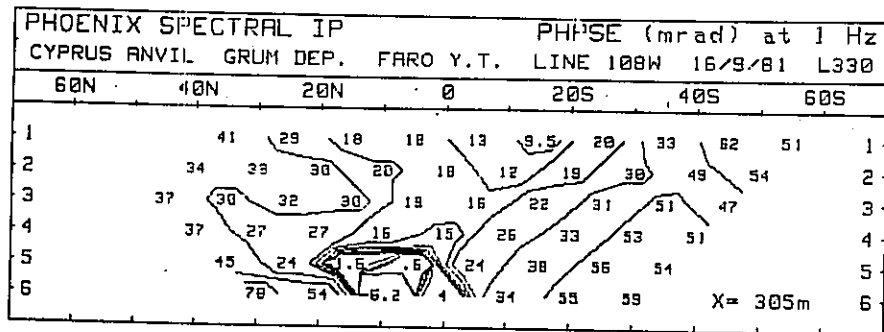
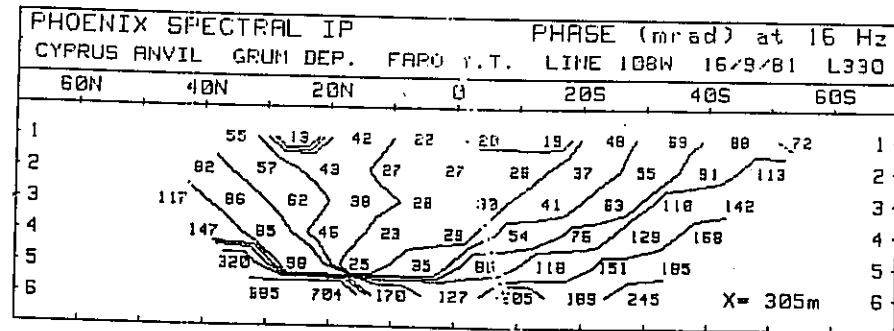
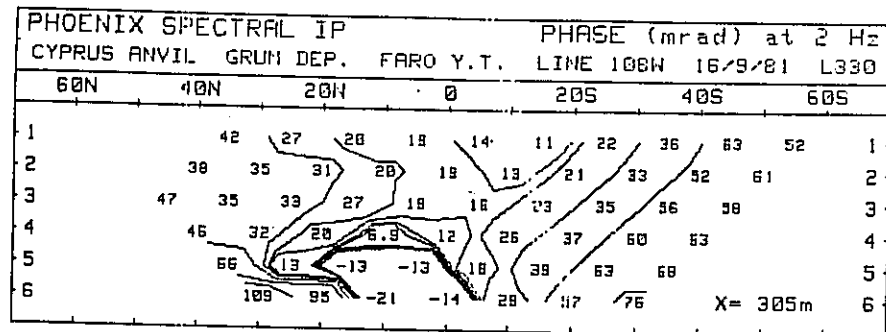
Apparent Resistivity Measured at 1 Hz is 1140
 Apparent Resistivity Calculated from Inductive Coupling is 1365

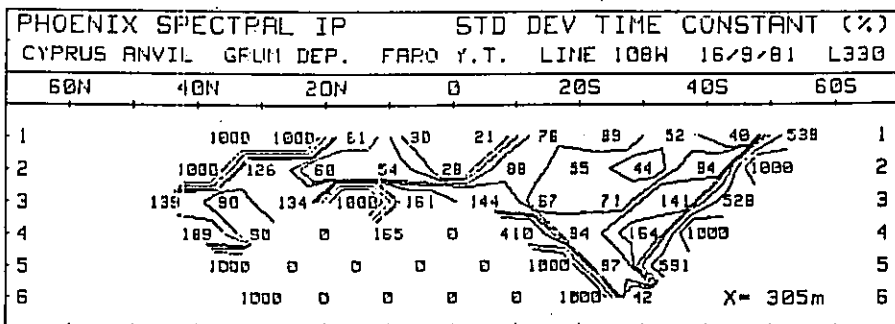
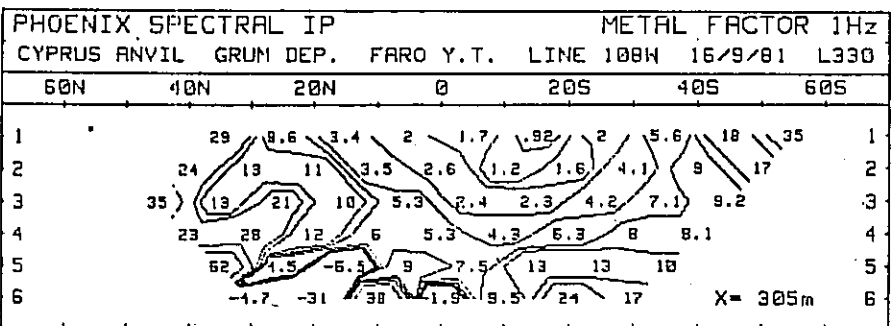
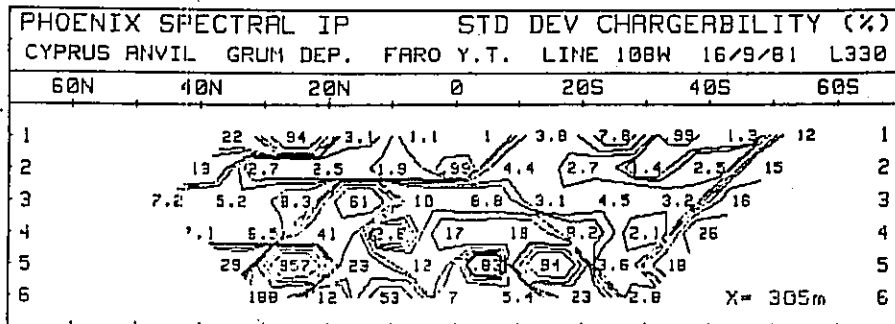
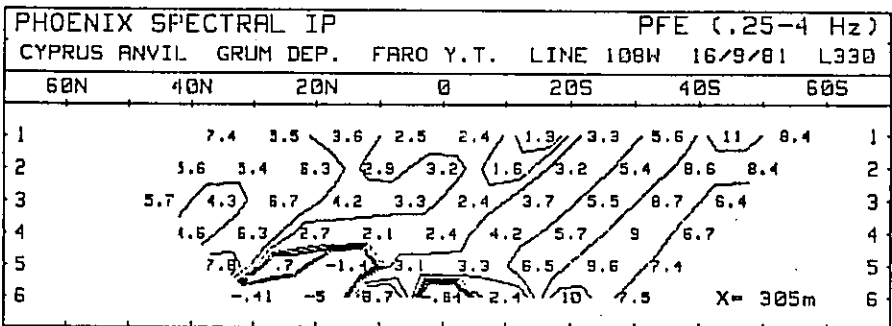
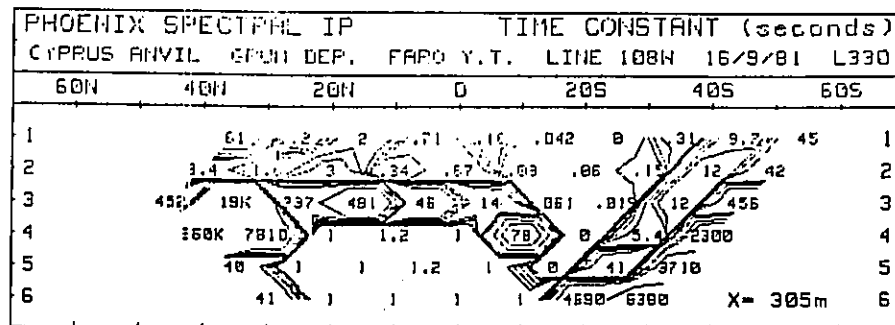
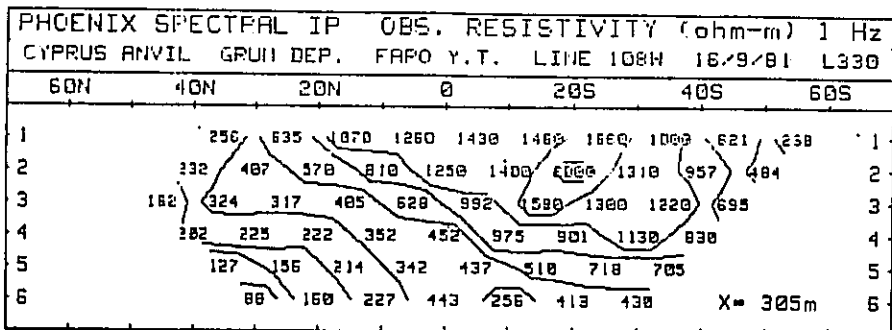
F	ObsAmp	CalAmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9663	.9447	2.2	.8	0	-1555.2	-1502.8	3.4	.8	0
9	.8919	.8904	.2	.8	1	1028.2	1045.1	-1.6	.8	1
8	.8934	.8970	-.4	.8	1	594.9	600.7	-1.0	.8	1
7	.9198	.9216	-.3	.8	1	333.2	332.9	.1	.1	1
6	.9438	.9432	.1	.1	1	194.2	184.5	5.0	2.1	1
5	.9561	.9587	-.3	.8	1	105.4	104.3	1.0	.3	1
4	.9682	.9698	-.2	.8	1	60.5	61.5	-1.6	.2	1
3	.9770	.9783	-.1	.8	1	37.9	38.7	-2.2	.6	1
2	.9838	.9855	-.2	.1	1	26.8	26.8	-3.2	.8	1
1	.9937	.9928	.2	.8	1	28.8	28.8	.2	1.8	1
0	1.0000	.9984	.2	.8	1	18.3	17.9	2.4	.5	1
-1	1.0057	1.0049	.1	.1	1	16.9	16.6	1.5	1.7	1
-2	1.0146	1.0117	.3	.1	1	15.5	16.4	-5.6	3.5	1
-3	1.0206	1.0187	.2	.1	1	17.2	16.6	3.5	2.9	1
-4	1.0296	1.0261	.3	.1	1	15.9	17.1	-7.7	3.1	0



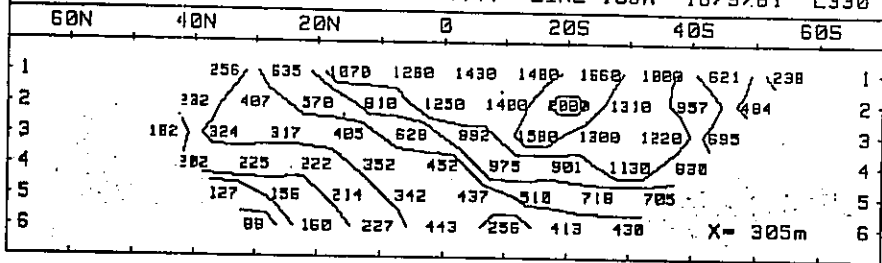




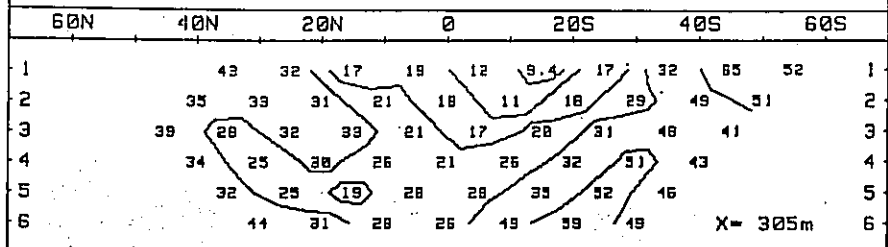




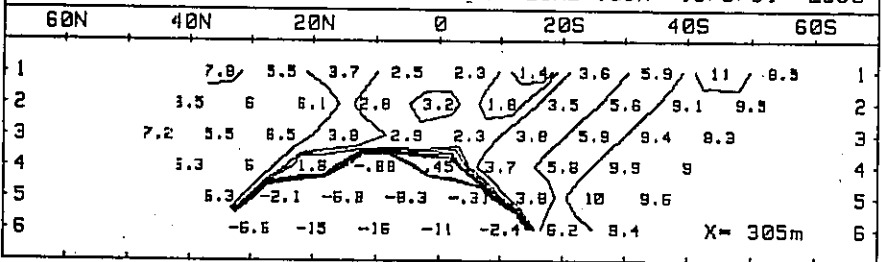
PHOENIX SPECTRAL IP OBS. RESISTIVITY (ohm-m) 1 Hz
 CYPRUS ANVIL GRUM DEP. FARO Y.T. LINE 100W 16/9/81 L330



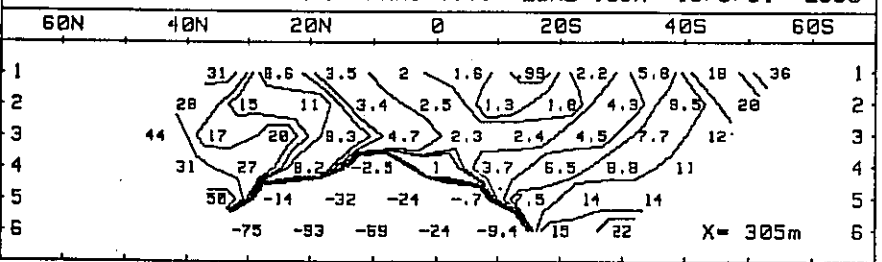
PHOENIX SPECTRAL IP PHASE (mrad) at 0.25 Hz
 CYPRUS ANVIL GRUM DEP. FARO Y.T. LINE 100W 16/9/81 L330



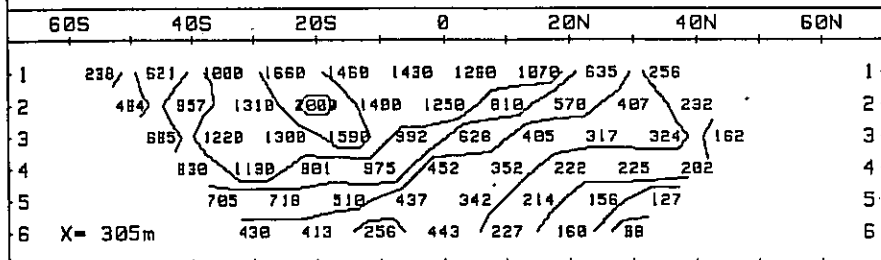
PHOENIX SPECTRAL IP PFE (.5-8 Hz)
 CYPRUS ANVIL GRUM DEP. FARO Y.T. LINE 100W 16/9/81 L330



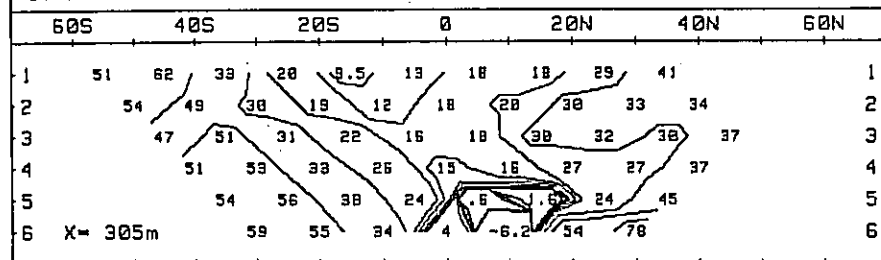
PHOENIX SPECTRAL IP METAL FACTOR 1Hz
 CYPRUS ANVIL GRUM DEP. FARO Y.T. LINE 100W 16/9/81 L330



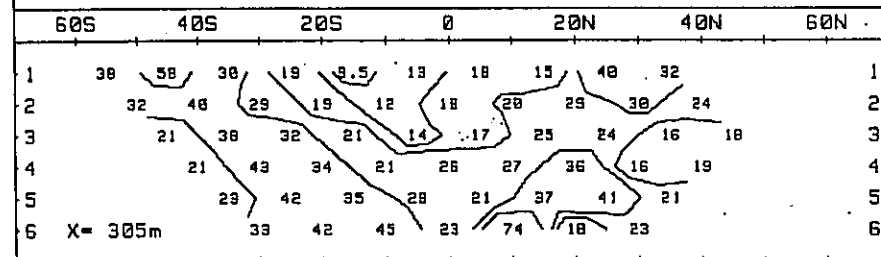
PHOENIX SPECTRAL IP OBS. RESISTIVITY (ohm-m) 1 Hz
 CYPRUS ANVIL GRUM DEP. FARO Y.T. LINE 100W 16/9/81 L330



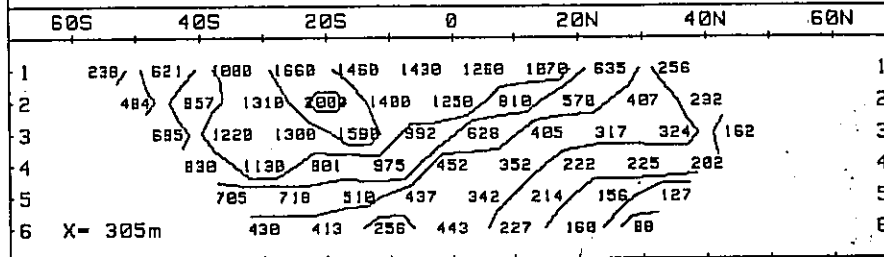
PHOENIX SPECTRAL IP PHASE (mrad) at 1 Hz
 CYPRUS ANVIL GRUM DEP. FARO Y.T. LINE 100W 16/9/81 L330



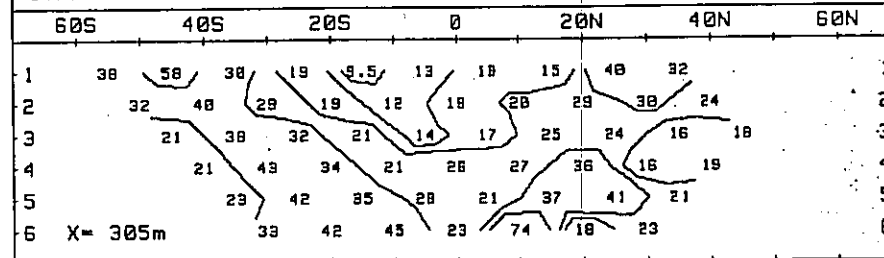
PHOENIX SPECTRAL IP DECOUPLED PHASE (mrad) 1 Hz
 CYPRUS ANVIL GRUM DEP. FARO Y.T. LINE 100W 16/9/81 L330



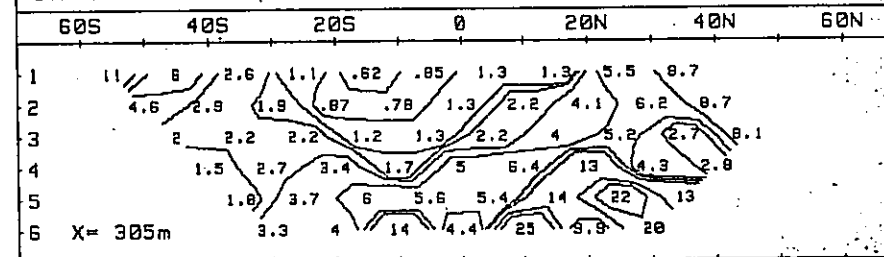
PHOENIX SPECTRAL IP OBS. RESISTIVITY (ohm-m) 1 Hz
 CYPRUS ANVIL GRUM DEP. FARO Y.T. LINE 100W 16/9/81 L330

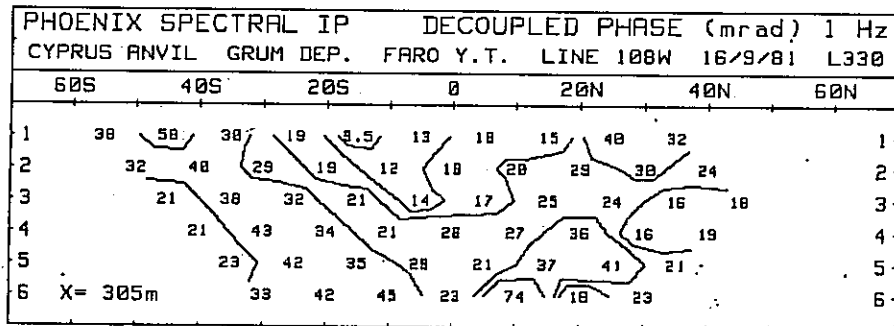
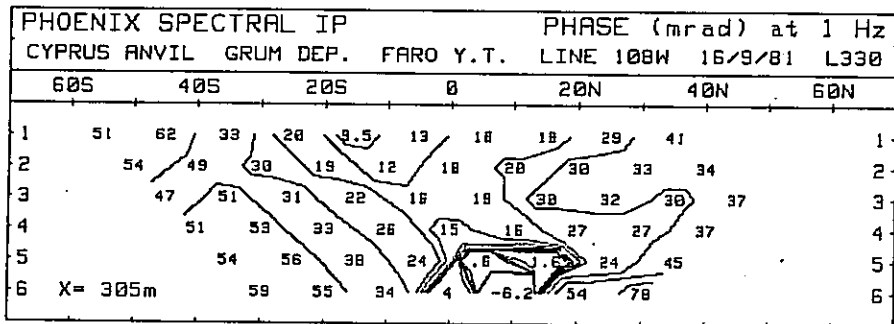
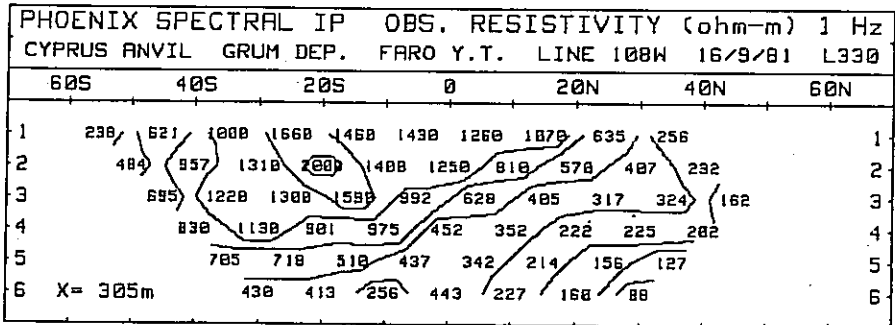


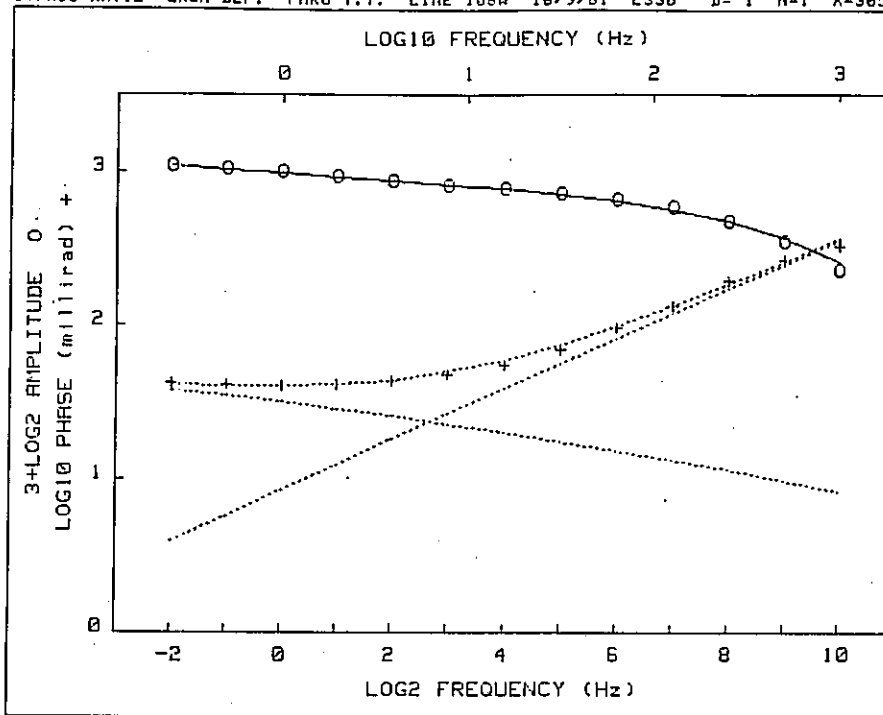
PHOENIX SPECTRAL IP DECOUPLED PHASE (mrad) 1 Hz
 CYPRUS ANVIL GRUM DEP. FARO Y.T. LINE 100W 16/9/81 L330



PHOENIX SPECTRAL IP DECOUPLED METAL FACTOR 1 Hz
 CYPRUS ANVIL GRUM DEP. FARO Y.T. LINE 100W 16/9/81 L330







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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00762	1.517	.411	4.5E+01	2.0E-05	.497
1	1.E-02	.00056	1.410	.368	4.6E+01	2.0E-05	.542
2	1.E-03	.00047	1.422	.368	4.8E+01	2.0E-05	.543
3	1.E-04	.00047	1.441	.375	6.1E+01	1.9E-05	.540

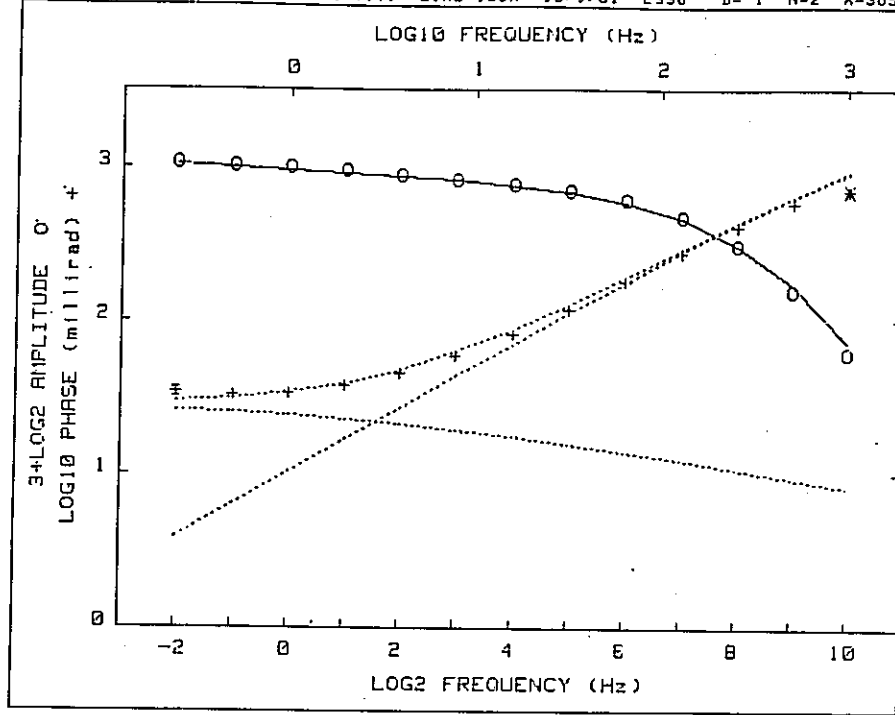
Pct Std Deviations 14.8 21.9 999.9 44.8 7.1

Correlation Matrix

1.000					
.997	1.000				
.997	.990	1.000			
-.979	-.972	-.980	1.000		
-.902	-.876	-.928	.952	1.000	

Apparent Resistivity Measured at 1 Hz is 255.5
 Apparent Resistivity Calculated from Inductive Coupling is 289.7

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6395	.6649	-4.0	.0	1	326.3	361.3	-10.7	.1	1
9	.7273	.7379	-1.5	.0	1	265.8	256.5	3.5	.2	1
8	.7979	.7952	.3	.0	1	191.9	183.1	4.6	.1	1
7	.8472	.8392	.9	0.0	1	134.0	132.2	1.3	.8	1
6	.8796	.8731	.7	.1	1	95.2	97.5	-2.4	.3	1
5	.9832	.8996	.4	.0	1	69.0	74.2	-7.5	.6	1
4	.9219	.9213	.1	.0	1	54.7	59.0	-7.8	.0	1
3	.9480	.9399	.8	.0	1	47.2	49.5	-4.8	.4	1
2	.9592	.9568	.2	.0	1	43.7	44.8	-.6	.5	1
1	.9801	.9732	.7	.1	1	41.6	41.3	.8	.5	1
0	1.0000	.9896	1.0	.1	1	41.0	40.4	1.4	.2	1
-1	1.8133	1.8067	.6	.1	1	41.6	40.8	1.9	.2	1
-2	1.8298	1.8248	.5	.1	1	42.9	41.9	2.3	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	.00510	1.180	.225	1.0E+02	1.0E-04	.662
1	1.E-02	.00175	1.297	.293	7.8E+01	1.7E-04	.660
2	1.E-03	.00129	1.190	.235	9.6E+00	1.9E-04	.671
3	1.E-03	.00100	1.193	.239	4.7E+00	1.9E-04	.690
4	1.E-03	.00099	1.183	.235	3.4E+00	1.9E-04	.692

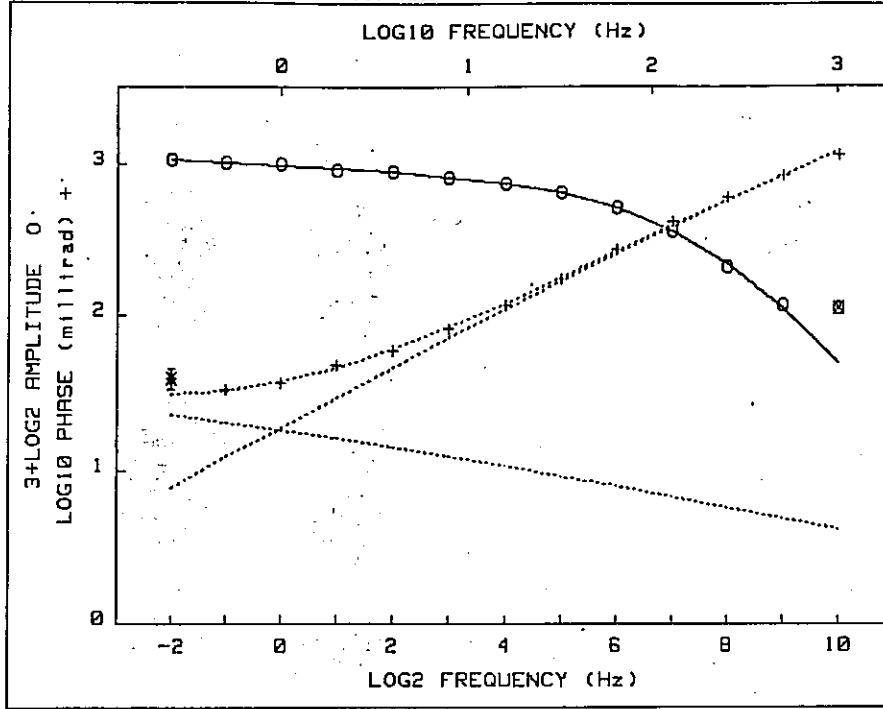
Pct Std Deviations 6.9 12.0 999.9 9.8 5.1

Correlation Matrix

1.000				
.947	1.000			
.987	.910	1.000		
-.821	-.777	-.825	1.000	
-.799	-.621	-.831	.662	1.000

Apparent Resistivity Measured at 1 Hz is 232.4
 Apparent Resistivity Calculated from Inductive Coupling is 252.7

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.4327	.4553	-5.2	.1	1	707.8	919.9	-30.0	.1	0
9	.5720	.5875	-2.6	.0	1	581.4	643.4	-10.7	.0	1
8	.7040	.7031	.1	.1	1	413.9	437.7	-5.8	.1	1
7	.7979	.7902	1.0	.1	1	277.5	291.4	-5.8	.2	1
6	.8592	.8506	1.0	.1	1	180.5	192.4	-6.6	.5	1
5	.8975	.8917	.6	.0	1	110.1	120.1	-8.5	.4	1
4	.9238	.9204	.4	.0	1	81.8	87.6	-7.1	.5	1
3	.9440	.9416	.3	.1	1	59.0	62.7	-6.3	1.4	1
2	.9547	.9585	-.6	.1	1	45.8	47.8	-4.5	.9	1
1	.9817	.9731	.9	.2	1	37.8	39.1	-3.6	.8	1
0	1.0000	.9865	1.3	.3	1	33.7	34.2	-1.5	.9	1
-1	1.0061	.9995	.7	.3	1	32.5	31.4	3.3	1.0	1
-2	1.0109	1.0124	-.6	.5	1	34.7	29.9	13.9	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	.01153	1.183	.235	3.4E+00	1.9E-04	.692
1	1.E-02	.00047	1.180	.232	3.5E+00	3.1E-04	.675
2	1.E-03	.00036	1.201	.238	4.7E+00	3.0E-04	.685
3	1.E-04	.00029	1.272	.261	5.0E+01	2.0E-04	.662
4	1.E-04	.00027	1.353	.302	2.4E+02	2.5E-04	.641
5	1.E-05	.00020	1.399	.320	4.5E+02	2.3E-04	.632
6	1.E-06	.00020	1.401	.320	4.5E+02	2.3E-04	.632
7	1.E-08	.00020	1.401	.320	4.5E+02	2.3E-04	.632

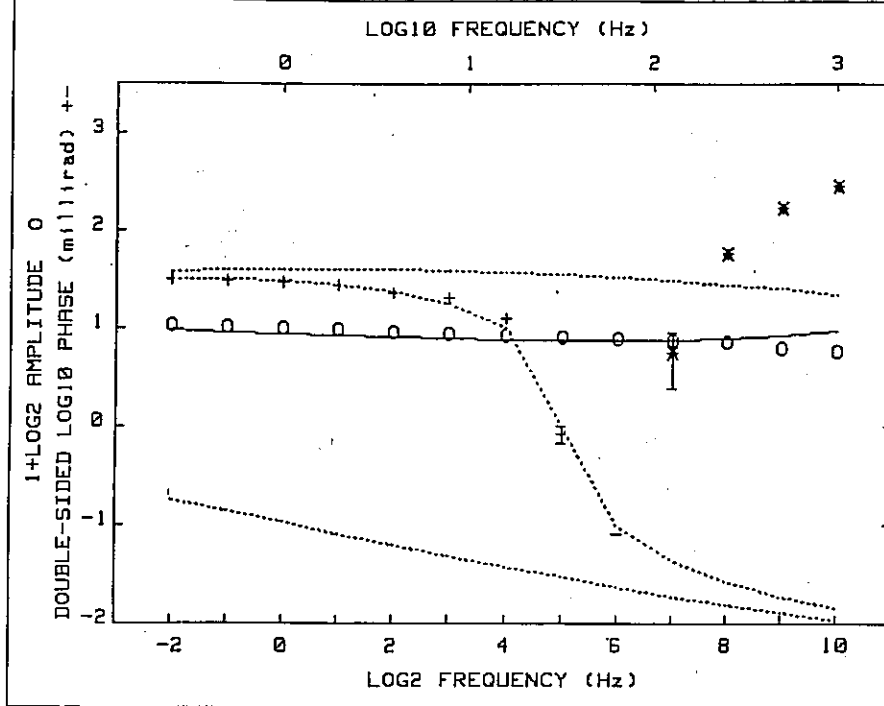
Pct Std Deviations 3.9 7.2 139.0 8.9 2.2

Correlation Matrix

1.000					
.986	1.000				
.965	.923	1.000			
-.958	-.960	-.916	1.000		
-.869	-.804	-.910	.885	1.000	

Apparent Resistivity Measured at 1 Hz is 161.6
 Apparent Resistivity Calculated from Inductive Coupling is 268.5

F	ObsAmp	CalAmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5149	.4040	21.5	.1	0	1112.6	1192.8	-7.2	.1	1
9	.5225	.5140	1.5	.1	1	830.0	829.4	.1	.1	1
8	.6239	.6324	-1.4	.1	1	595.0	569.6	4.4	.0	1
7	.7311	.7346	-.5	.0	1	409.3	387.1	5.4	.3	1
6	.8150	.8134	.3	.2	1	269.8	261.1	3.2	1.1	1
5	.8716	.8786	-.1	.1	1	173.8	175.9	-1.2	1.2	1
4	.9186	.9110	-.1	.0	1	116.6	119.5	-2.5	.8	1
3	.9372	.9399	-.3	.1	1	81.6	83.0	-1.7	1.0	1
2	.9635	.9613	.2	.2	1	50.9	59.9	-1.7	1.4	1
1	.9700	.9700	-.7	.5	1	47.2	45.7	3.2	3.6	1
0	1.0000	.9921	.8	.7	1	36.6	37.4	-2.2	3.3	1
-1	1.0044	1.0050	-.1	.6	1	33.3	33.0	.9	4.2	1
-2	1.0181	1.0176	.1	1.3	1	39.4	31.1	21.0	15.5	0



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.11074	1.400	.320	4.5E+02	1.1E-06	.632
1	1.E-02	.01678	1.538	.468	2.5E+02	2.2E-07	.392
2	1.E-03	.01563	1.169	.336	4.0E+00	7.9E-07	.390
3	1.E-03	.00947	1.128	.301	2.0E-01	1.0E-06	.367
4	1.E+00	.00636	1.141	.331	2.0E-01	1.7E-06	.373
5	1.E+02	.00647	1.142	.332	2.0E-01	1.7E-06	.374
6	1.E+02	.00642	1.142	.332	2.0E-01	1.7E-06	.374

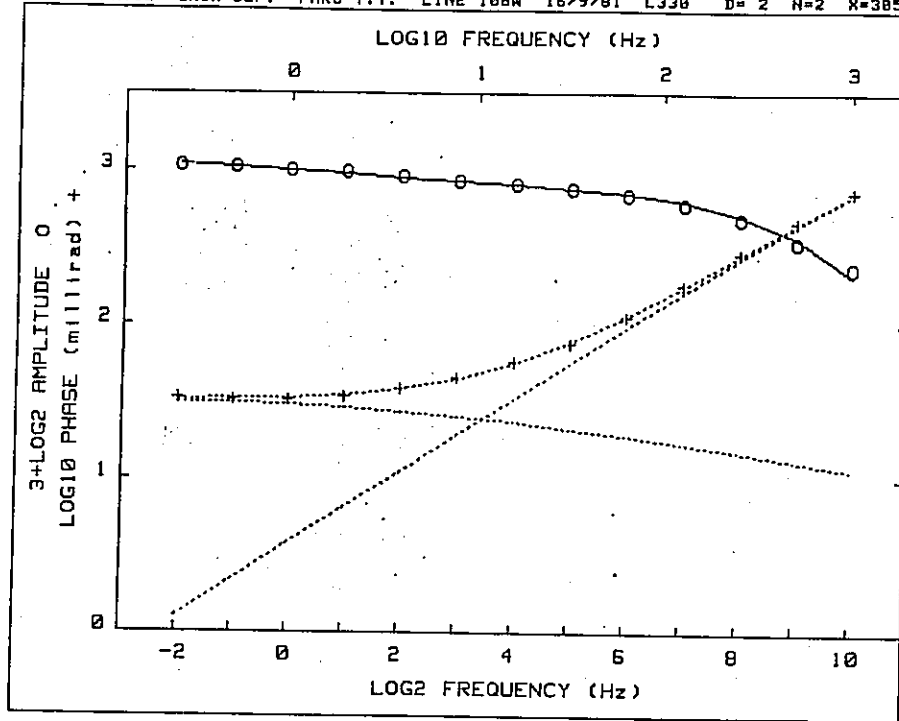
Pct Std Deviations 8.3 93.8 999.9 196.2 148.1

Correlation Matrix

	1.000				
	-.849	1.000			
	.943	-.978	1.000		
	.374	-.724	.571	1.000	
	.836	-.995	.958	.776	1.000

Apparent Resistivity Measured at 1 Hz is 634.6
 Apparent Resistivity Calculated from Inductive Coupling is 274.2

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.0494	.9700	-15.1	.0	1	279.9	-71.2	125.4	.0	0
9	.0659	.9514	-9.9	.0	1	165.6	-54.4	132.9	.0	0
8	.0871	.9329	-2.8	.2	1	56.9	-38.3	167.2	1.6	0
7	.9183	.9213	-.3	.1	1	5.7	-23.4	511.3	57.9	0
6	.9270	.9158	1.3	.1	1	-12.6	-18.3	18.0	21.4	1
5	.9365	.9152	2.3	.0	1	-1.2	8.0	100.0	25.0	1
4	.9459	.9180	2.9	.0	1	12.6	18.2	18.0	.8	1
3	.9500	.9258	3.4	.0	1	28.2	17.7	12.3	.5	1
2	.9713	.9355	3.7	.0	1	23.1	23.5	-1.5	.0	1
1	.9910	.9472	4.5	.0	1	27.4	27.6	-.7	.4	1
0	1.0000	.9604	4.0	.0	1	29.0	30.3	-4.5	.0	1
-1	1.0106	.9746	3.6	.1	1	30.3	31.7	-4.8	.0	1
-2	1.0245	.9892	3.4	.1	1	31.5	32.1	-2.0	.7	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.04857	1.000	.200	1.0E+00	1.0E-04	1.000
1	1.E-02	.00083	1.177	.201	9.3E-01	9.0E-05	.793
2	1.E-03	.00020	1.196	.271	1.0E+00	9.4E-05	.777
3	1.E-04	.00020	1.204	.272	1.3E+00	9.3E-05	.773
4	1.E-05	.00020	1.210	.274	1.6E+00	9.3E-05	.770

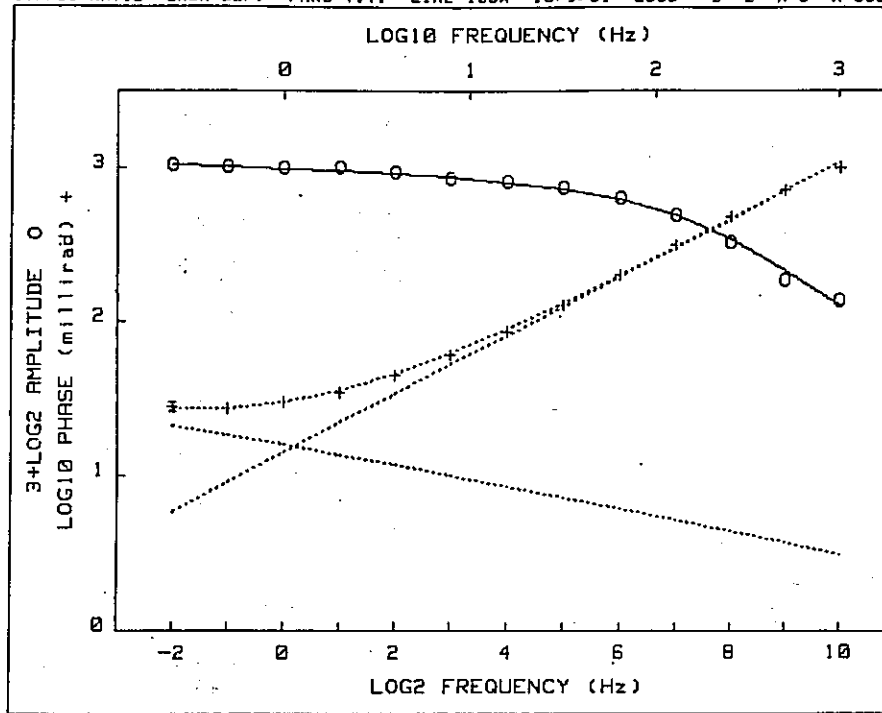
Pct Std Deviations 2.1 2.7 126.2 4.3 2.2

Correlation Matrix

	1.000				
	.835	1.000			
	.973	.753	1.000		
	-.640	-.514	-.631	1.000	
	-.734	-.386	-.763	.824	1.000

Apparent Resistivity Measured at 1 Hz is 407.2
 Apparent Resistivity Calculated from Inductive Coupling is 807.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6475	.6239	3.6	.8	1	714.7	706.9	1.1	.1	1
9	.7241	.7379	-1.9	.8	1	464.2	453.2	2.4	.0	1
8	.8031	.8160	-1.6	.1	1	291.5	284.2	2.5	.1	1
7	.8553	.8657	-1.2	.8	1	182.1	178.2	2.2	.4	1
6	.8935	.8980	-.5	.8	1	113.6	114.4	-.7	1.3	1
5	.9195	.9205	-.1	.8	1	76.6	77.2	-.7	.5	1
4	.9370	.9380	-.1	.8	1	57.0	56.0	1.7	.7	1
3	.9527	.9531	-.0	.1	1	45.8	44.5	2.9	1.5	1
2	.9707	.9672	.4	.1	1	38.4	38.4	.0	.3	1
1	.9917	.9811	1.1	.1	1	34.7	35.4	-2.0	.3	1
0	1.0000	.9953	.5	.1	1	33.0	34.0	-3.1	.3	1
-1	1.0100	1.0090	.0	.2	1	32.5	33.4	-2.7	1.2	1
-2	1.0229	1.0246	-.2	.3	1	33.3	32.9	1.2	2.2	1



CRL: Number of dispersions= 2
 C1=.25 H2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.02464	1.218	.274	1.6E+08	9.3E-05	.778
1	1.E-02	.00375	1.173	.233	1.6E+08	1.7E-04	.688
2	1.E-03	.00279	1.196	.232	3.6E+08	1.8E-04	.721
3	1.E-03	.00247	1.248	.249	1.6E+01	1.8E-04	.705
4	1.E-03	.00181	1.335	.296	1.6E+02	1.6E-04	.684
5	1.E-03	.00158	1.505	.388	1.7E+03	1.3E-04	.668
6	1.E-03	.00067	1.678	.431	6.5E+03	1.1E-04	.643
7	1.E-04	.00050	1.798	.467	1.8E+04	9.1E-05	.624
8	1.E-05	.00046	1.889	.468	1.9E+04	8.9E-05	.624
9	1.E+00	.00046	1.889	.468	1.9E+04	8.9E-05	.624

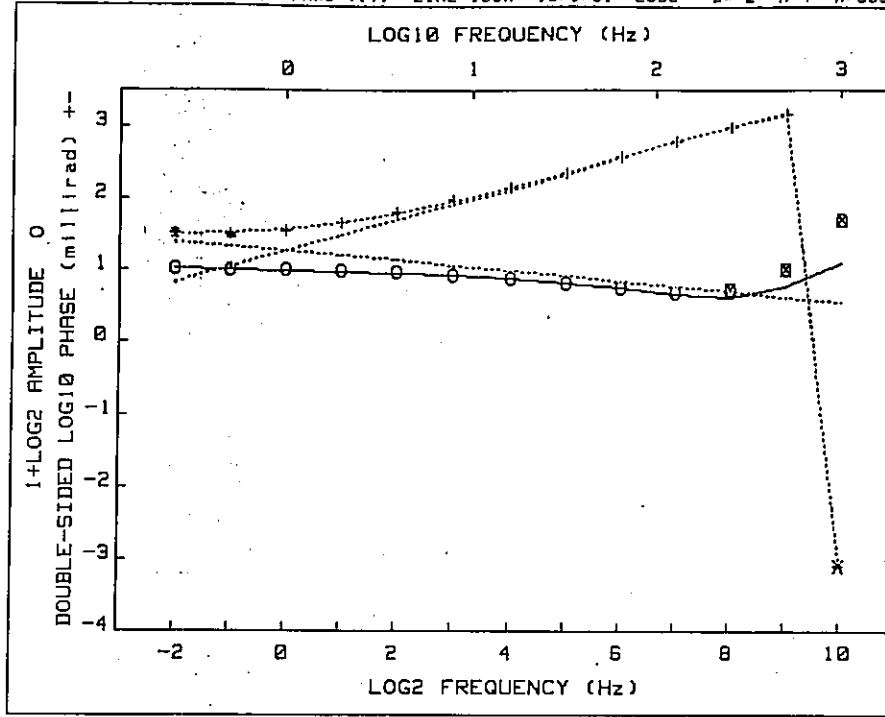
Pct Std Deviations 4.8 5.2 89.6 13.3 2.4

Correlation Matrix

1.000					
.998	1.000				
.943	.916	1.000			
-.935	-.926	-.981	1.000		
-.796	-.743	-.844	.899	1.000	

Apparent Resistivity Measured at 1 Hz is 323.6
 Apparent Resistivity Calculated from Inductive Coupling is 637.8

F	ObsAmp	CalAmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5498	.5366	2.4	.1	1	977.5	1058.8	-8.3	.8	1
9	.6817	.6288	-4.5	.1	1	781.7	698.5	.5	.8	1
8	.7118	.7234	-1.7	.8	1	475.3	457.5	3.7	.8	1
7	.8883	.8817	-.2	.8	1	311.4	388.1	3.6	.2	1
6	.8669	.8684	.7	.1	1	198.5	197.9	.3	1.1	1
5	.9889	.9825	-.7	.1	1	126.1	131.7	-4.4	.6	1
4	.9348	.9324	-.3	.1	1	86.4	89.2	-3.3	1.4	1
3	.9531	.9548	-.1	.1	1	61.8	62.3	-2.1	2.6	1
2	.9742	.9782	.4	.2	1	44.2	45.5	-2.9	.5	1
1	.9952	.9832	1.2	.2	1	34.6	35.5	-2.5	1.2	1
0	1.0808	.9944	.6	.3	1	29.7	38.8	-.9	1.8	1
-1	1.0853	1.0858	.8	.6	1	27.1	27.5	-1.3	3.7	1
-2	1.0161	1.0157	.8	.7	1	28.2	27.8	4.1	7.1	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.03429	1.000	-.468	1.9E+04	8.9E-05	.624
1	1.E-02	.00168	2.072	-.546	2.3E+04	2.5E-04	.712
2	1.E-03	.00036	2.261	-.588	4.4E+04	2.2E-04	.728
3	1.E-03	.00029	2.428	-.608	7.9E+04	1.9E-04	.721
4	1.E-03	.00025	2.598	-.632	1.3E+05	1.7E-04	.715
5	1.E-03	.00021	2.745	-.652	2.0E+05	1.5E-04	.710
6	1.E-03	.00019	2.889	-.669	2.9E+05	1.4E-04	.705
7	1.E-03	.00017	3.023	-.683	4.0E+05	1.3E-04	.702
8	1.E-03	.00016	3.146	-.695	5.2E+05	1.2E-04	.699
9	1.E-03	.00015	3.259	-.706	6.6E+05	1.1E-04	.696

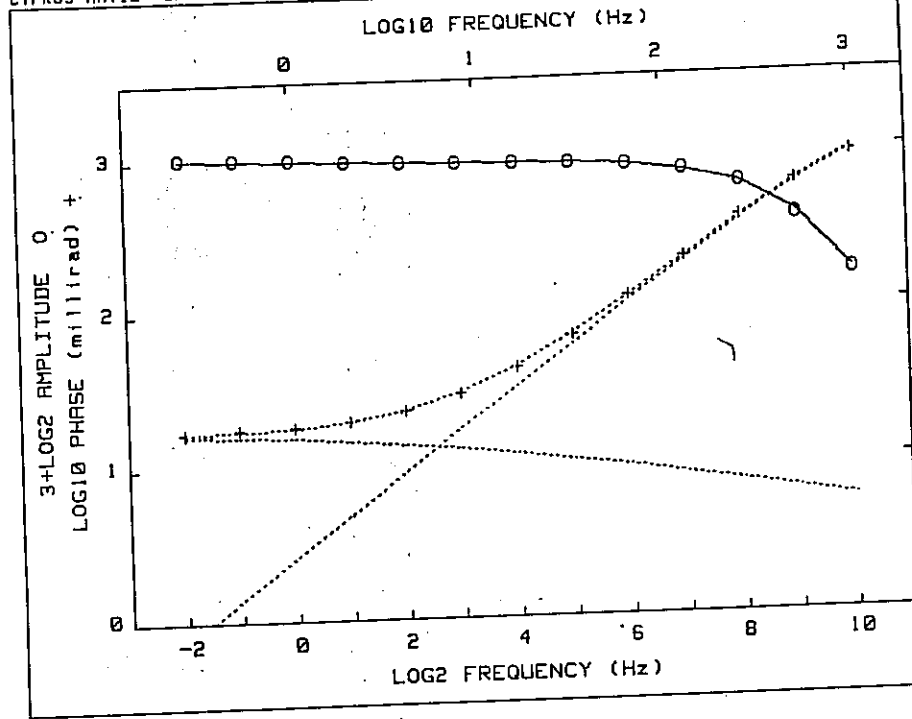
Pct Std Deviations 17.0 7.1 188.8 33.5 2.0

Correlation Matrix

1.000					
1.000	1.000				
.993	.998	1.000			
-.994	-.993	-.991	1.000		
-.862	-.852	-.898	.983	1.000	

Apparent Resistivity Measured at 1 Hz is 202.3
 Apparent Resistivity Calculated from Inductive Coupling is 1351

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.6227	1.8633	34.5	.0	0	-1241.8	-1168.5	5.9	.0	0
9	1.0128	.8487	16.1	.1	0	1438.6	1495.1	-4.5	.0	1
8	.8231	.7704	6.4	.2	0	975.6	998.8	-2.4	.1	1
7	.7986	.7894	1.2	.1	1	619.5	617.1	.4	.3	1
6	.8415	.8398	.3	.1	1	378.3	374.8	.9	.9	1
5	.8852	.8859	-.1	.2	1	228.2	238.0	-.8	1.1	1
4	.9189	.9221	-.3	.2	1	147.1	144.2	2.0	1.1	1
3	.9426	.9485	-.6	.2	1	97.2	93.4	3.9	2.6	1
2	.9715	.9680	.4	.3	1	64.5	63.6	1.4	.9	1
1	.9957	.9832	1.3	.3	1	46.1	46.5	-.9	1.3	1
0	1.0000	.9962	.4	.5	1	36.6	37.4	-2.1	2.1	1
-1	1.0022	1.0084	-.6	1.2	1	31.9	33.3	-4.3	6.3	1
-2	1.0159	1.0208	-.5	1.3	1	33.6	32.4	3.4	12.5	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.04825	1.258	.150	4.2E+01	7.6E-05	.789
1	1.E-02	.00003	1.163	.198	4.0E+01	1.7E-04	.842
2	1.E-03	.00019	1.148	.176	1.6E+01	1.7E-04	.867
3	1.E-03	.00015	1.133	.167	8.2E+00	1.7E-04	.874
4	1.E-04	.00014	1.099	.149	1.6E+00	1.8E-04	.890
5	1.E-05	.00011	1.109	.155	2.3E+00	1.8E-04	.888
6	1.E-05	.00011	1.107	.154	2.0E+00	1.8E-04	.889

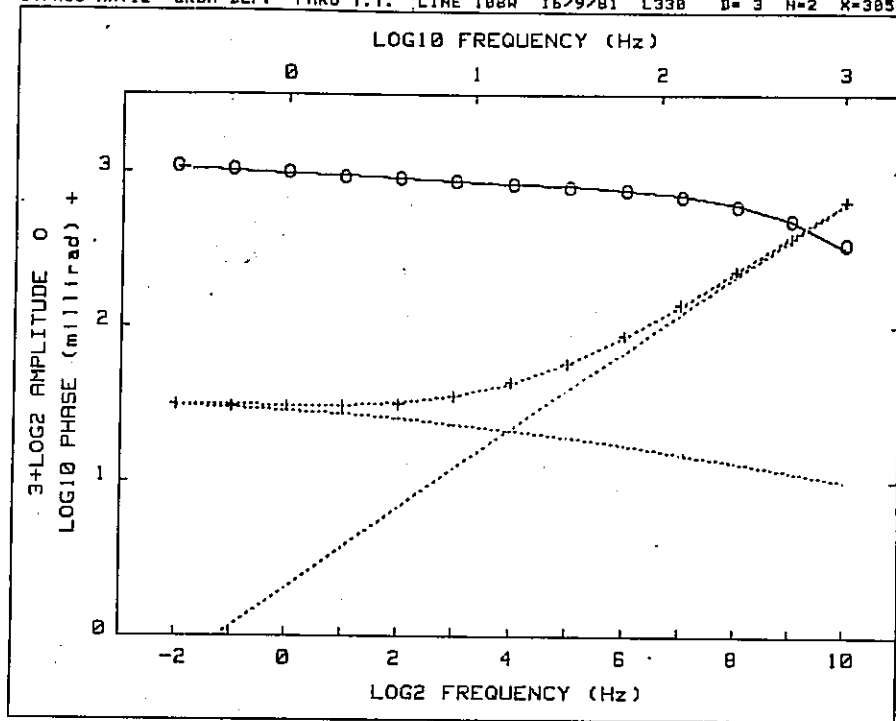
Pct Std Deviations .9 3.1 81.0 1.7 .9

Correlation Matrix

	1.000				
	.928	1.000			
	.965	.989	1.000		
	-.542	-.582	-.567	1.000	
	-.698	-.521	-.714	.886	1.000

Apparent Resistivity Measured at 1 Hz is 1871
 Apparent Resistivity Calculated from Inductive Coupling is 268.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5726	.5765	-.7	.1	1	988.2	942.4	-4.7	.8	1
9	.7383	.7583	-1.6	.0	1	682.8	683.4	-.2	.8	1
8	.8502	.8591	.1	.0	1	364.8	357.6	1.8	.8	1
7	.9183	.9138	.5	.0	1	205.2	204.3	.5	.8	1
6	.9435	.9487	.3	.0	1	115.0	116.6	-1.4	.1	1
5	.9561	.9555	-.1	.0	1	66.6	68.6	-3.0	.2	1
4	.9648	.9653	-.1	.0	1	41.6	42.9	-3.1	.2	1
3	.9718	.9731	-.1	.0	1	28.5	29.5	-3.5	.8	1
2	.9784	.9801	-.2	.0	1	22.4	22.7	-1.5	.8	1
1	.9867	.9878	-.8	.0	1	19.8	19.5	1.6	.8	1
0	1.0000	.9941	.6	.1	1	18.4	18.8	2.8	.8	1
-1	1.0000	1.0014	-.7	.0	1	17.8	17.5	1.9	.8	1
-2	1.0135	1.0089	.5	.8	1	17.2	17.2	-.1	.8	1



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

Iter	Lambda	Rchsq	RB	M1	T1	T2	C2
0	1.E-02	.02511	1.107	.154	2.0E+00	1.9E-04	.889
1	1.E-02	.00410	1.172	.261	1.9E+00	8.6E-05	.795
2	1.E-03	.00012	1.200	.266	2.2E+00	7.5E-05	.831
3	1.E-04	.00011	1.215	.268	2.7E+00	7.6E-05	.832
4	1.E-05	.00011	1.219	.270	3.0E+00	7.5E-05	.831

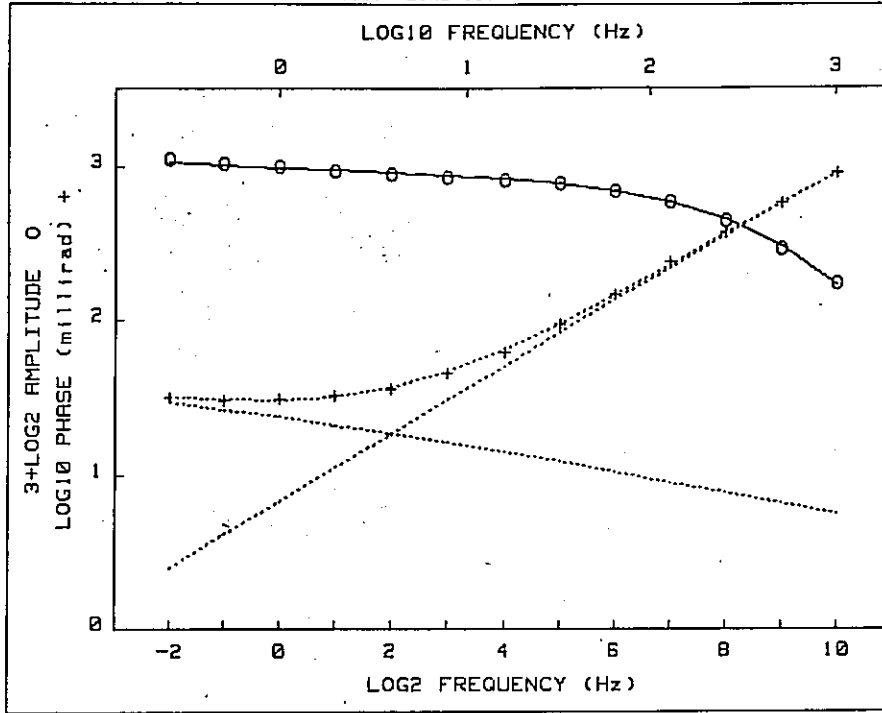
Pct Std Deviations 1.4 2.5 59.5 3.1 1.3

Correlation Matrix

	1.000				
	.952	1.000			
	.976	.913	1.000		
	-.707	-.646	-.701	1.000	
	-.712	-.558	-.735	.873	1.000

Apparent Resistivity Measured at 1 Hz is 570.2
 Apparent Resistivity Calculated from Inductive Coupling is 1310

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7242	.7879	2.3	.0	1	635.0	626.3	1.4	.0	1
9	.8037	.8057	-.2	.0	1	373.6	380.1	-1.7	.1	1
8	.8559	.8636	-1.0	.1	1	226.0	226.5	-.2	.0	1
7	.8918	.8974	-.6	.0	1	140.9	136.4	3.2	.1	1
6	.9147	.9186	-.4	.1	1	87.9	85.4	2.9	.7	1
5	.9305	.9339	-.4	.0	1	58.2	57.4	1.4	.5	1
4	.9422	.9466	-.5	.0	1	43.1	42.6	1.3	.2	1
3	.9548	.9583	-.4	.0	1	34.9	35.2	-.7	.9	1
2	.9675	.9700	-.3	.0	1	31.6	31.9	-.8	.3	1
1	.9807	.9821	-.1	.1	1	30.6	30.7	-.5	.3	1
0	1.0000	.9949	.5	.1	1	30.4	30.7	-1.0	.0	1
-1	1.0135	1.0003	.5	.1	1	30.6	31.0	-1.4	.3	1
-2	1.0283	1.0224	.6	.2	1	31.3	31.4	-.3	.7	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.02142	1.219	.270	3.0E+00	7.5E-05	.831
1	1.E-02	.00000	1.210	.262	3.3E+00	1.2E-04	.735
2	1.E-03	.00035	1.234	.268	6.0E+00	1.3E-04	.772
3	1.E-04	.00031	1.334	.308	7.6E+01	1.2E-04	.737
4	1.E-04	.00024	1.436	.359	2.5E+02	1.0E-04	.721
5	1.E-05	.00012	1.464	.366	3.0E+02	9.9E-05	.717
6	1.E-06	.00012	1.464	.366	3.0E+02	9.9E-05	.717

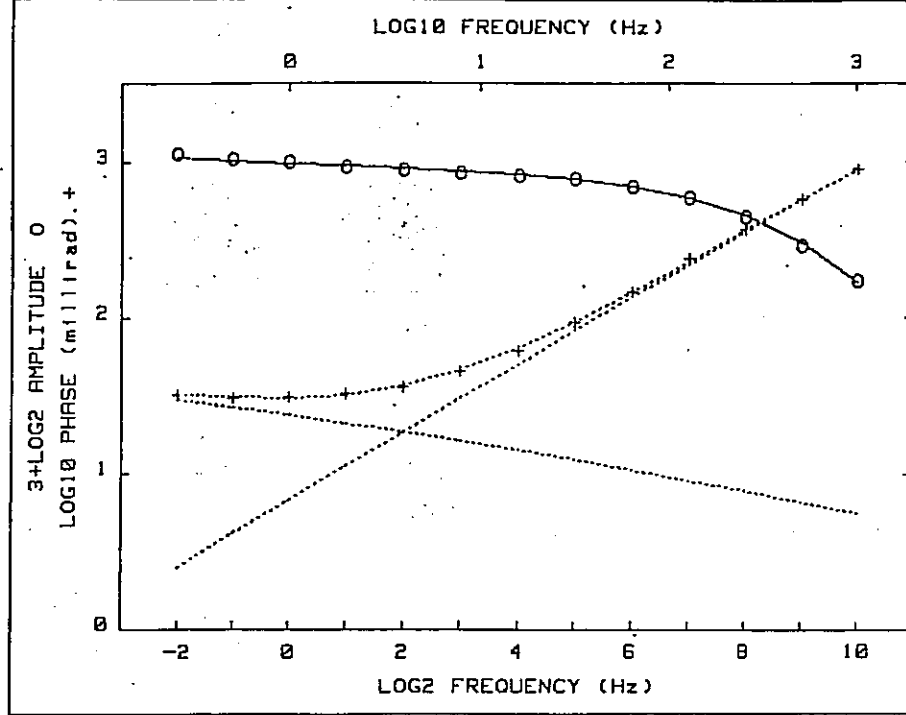
Pct Std Deviations 2.9 4.7 63.4 6.2 1.4

Correlation Matrix

	1.000					
	.993	1.000				
	.984	.972	1.000			
	-.931	-.923	-.926	1.000		
	-.798	-.756	-.824	.904	1.000	

Apparent Resistivity Measured at 1 Hz is 316.9
 Apparent Resistivity Calculated from Inductive Coupling is 1066

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5886	.5841	.8	.1	1	883.9	883.1	.1	.1	1
9	.6892	.6978	-1.1	.1	1	562.6	571.1	-1.5	.1	1
8	.7783	.7875	-1.2	.0	1	365.8	363.1	.7	.0	1
7	.8477	.8509	-.4	.0	1	236.8	229.4	3.1	.0	1
6	.8932	.8933	-.0	.2	1	147.2	145.9	.9	1.8	1
5	.9233	.9218	.2	.1	1	93.7	94.9	-1.3	.9	1
4	.9382	.9417	-.4	.1	1	61.9	64.4	-4.1	.6	1
3	.9537	.9569	-.3	.1	1	45.1	46.8	-3.8	2.8	1
2	.9667	.9696	-.3	.1	1	36.5	37.1	-1.7	.8	1
1	.9802	.9813	-.1	.1	1	33.2	32.4	2.4	.9	1
0	1.0000	.9931	.7	.3	1	31.5	30.8	2.4	1.0	1
-1	1.0154	1.0054	1.0	.5	1	30.8	31.0	-.7	1.6	1
-2	1.0313	1.0188	1.2	.6	1	31.8	32.4	-1.9	2.6	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.87785	1.388	.429	7.8E-03	1.6E-04	.888
1	1.E-02	.88475	1.897	.314	9.1E-03	1.4E-04	.856
2	1.E-03	.88311	1.121	.262	4.2E-02	1.4E-04	.829
3	1.E-03	.88233	1.138	.249	1.5E-01	1.4E-04	.815
4	1.E-04	.88228	1.181	.237	1.6E+00	1.4E-04	.785
5	1.E-05	.88282	1.278	.279	4.8E+01	1.3E-04	.746
6	1.E-04	.88199	1.413	.355	2.3E+02	1.1E-04	.723
7	1.E-05	.88837	1.463	.366	3.8E+02	1.0E-04	.717
8	1.E-06	.88837	1.464	.366	3.8E+02	9.9E-05	.717

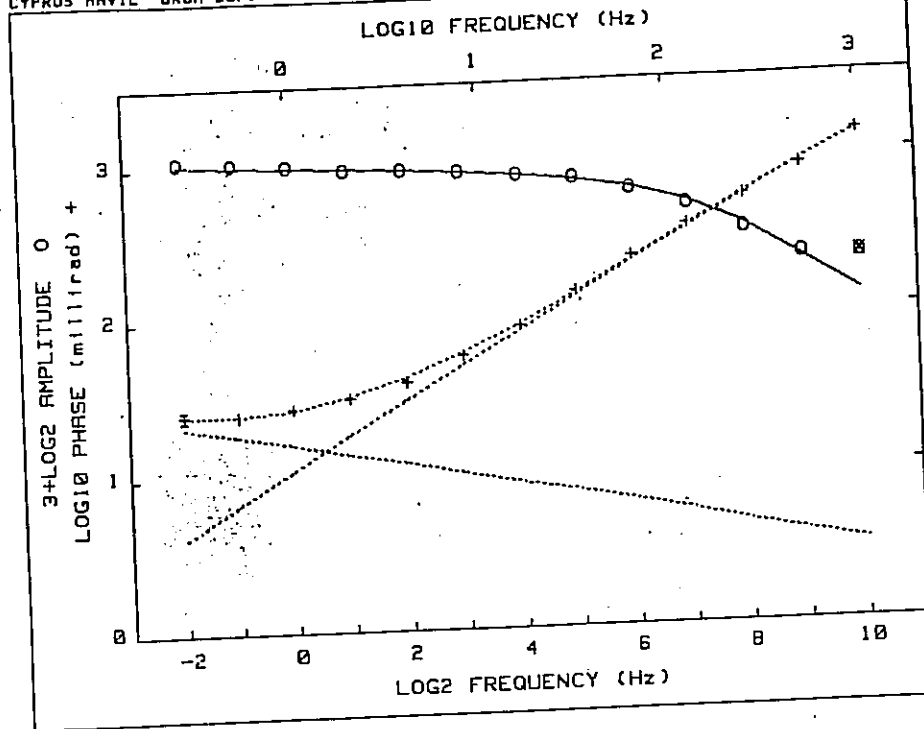
Pct Std Deviations 5.1 8.3 134.1 18.9 2.4

Correlation Matrix

1.000
.993 1.000
.984 .972 1.000
-.931 -.923 -.926 1.000
-.798 -.755 -.824 .984 1.000

Apparent Resistivity Measured at 1 Hz is 316.9
 Apparent Resistivity Calculated from Inductive Coupling is 1866

F	ObsRap	CalRap	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5886	.5841	.8	.1	1	883.9	883.1	.1	.1	1
9	.6892	.6978	-1.1	.1	1	562.6	571.2	-1.5	.1	1
8	.7783	.7875	-1.2	.0	1	365.8	363.1	.7	.8	1
7	.8477	.8589	-.4	.0	1	236.8	229.4	3.1	.8	1
6	.8932	.8933	-.8	.2	1	147.2	145.9	.9	1.8	1
5	.9233	.9218	.2	.1	1	93.7	94.9	-1.3	.9	1
4	.9382	.9417	-.4	.1	1	61.9	64.4	-4.1	.6	1
3	.9537	.9569	-.3	.1	1	45.1	46.8	-3.8	2.8	1
2	.9667	.9696	-.3	.1	1	36.5	37.1	-1.7	.8	1
1	.9882	.9813	-.1	.1	1	33.2	32.4	2.4	.9	1
0	1.8888	.9931	.7	.3	1	31.5	38.8	2.4	1.8	1
-1	1.8154	1.8854	1.8	.5	1	38.8	31.8	-.7	1.6	1
-2	1.8313	1.8188	1.2	.6	1	31.8	32.4	-1.9	2.6	1



CRL: Number of dispersions= 2
 C1=.25 H2=1 fixed

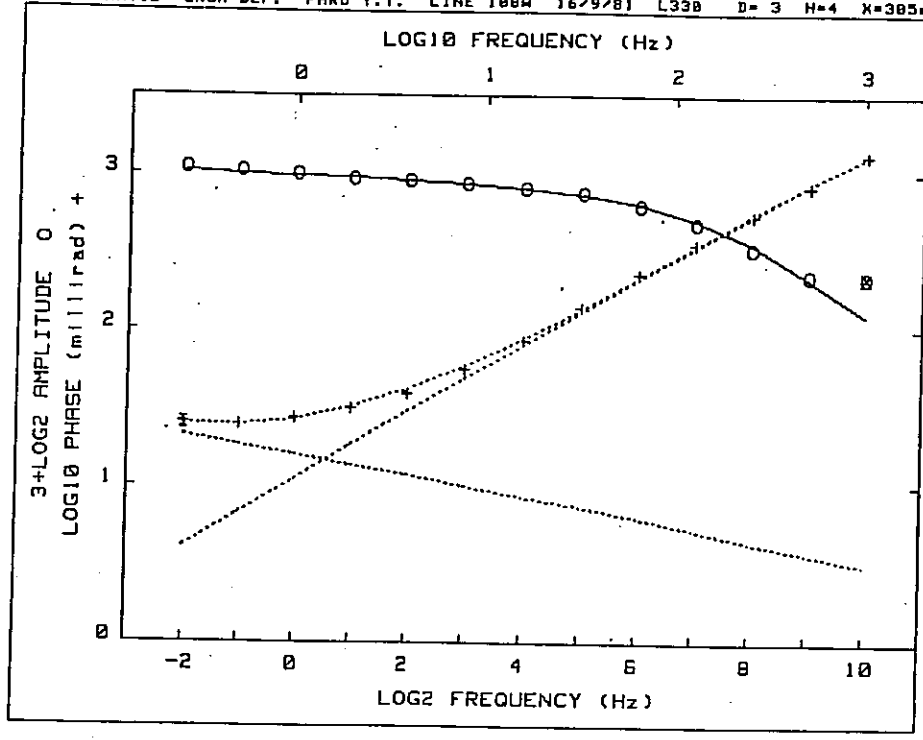
Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.81488	1.464	.366	3.8E+02	9.9E-05	.717
1	1.E-02	.80156	1.358	.388	3.5E+02	2.2E-04	.723
2	1.E-03	.88844	1.442	.344	1.0E+03	2.0E-04	.739
3	1.E-03	.88835	1.515	.373	2.3E+03	1.8E-04	.728
4	1.E-03	.88838	1.567	.392	3.8E+03	1.7E-04	.728
5	1.E-04	.88829	1.639	.418	7.4E+03	1.6E-04	.709
6	1.E-05	.88828	1.649	.428	7.8E+03	1.6E-04	.708
7	1.E-06	.88828	1.649	.428	7.8E+03	1.6E-04	.708

Pct Std Deviations	4.8	6.5	89.7	18.7	1.9
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Correlation Matrix	1.000				
	.995	1.000			
	.978	.958	1.000		
	-.954	-.958	-.936	1.000	
	-.886	-.778	-.845	.898	1.000

Apparent Resistivity Measured at 1 Hz is 224.5
 Apparent Resistivity Calculated from Inductive Coupling is 1854

F	ObsAmp	CalAmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6389	.5339	15.4	.1	1	1319.8	1388.4	.8	.8	1
9	.6359	.6278	1.3	.1	1	824.6	861.2	-4.4	.8	1
8	.7158	.7388	-2.2	.1	1	541.4	548.7	-1.4	.2	1
7	.8825	.8145	-1.5	.1	1	357.8	345.2	3.5	.1	1
6	.8697	.8738	-.5	.5	1	227.1	216.6	4.6	1.7	1
5	.9179	.9137	.5	.2	1	148.9	136.8	2.9	1.6	1
4	.9372	.9483	-.3	.1	1	85.8	88.8	-3.5	1.2	1
3	.9567	.9586	-.2	.3	1	53.8	58.6	-5.1	3.6	1
2	.9684	.9721	-.4	.3	1	39.8	41.4	-6.2	1.8	1
1	.9795	.9829	-.3	.4	1	31.7	31.7	-.1	1.6	1
0	1.0000	.9925	.8	.6	1	27.3	26.8	1.7	2.6	1
-1	1.0137	1.0010	1.2	1.2	1	24.8	25.8	-.7	4.4	1
-2	1.0291	1.0116	1.7	1.4	1	25.3	25.8	1.8	7.9	1



CRL: Number of dispersions= 2
 C1=.25 H2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.80865	2.125	.548	1.1E+05	9.3E-05	.672
1	1.E-02	.80852	2.027	.525	9.7E+04	9.8E-05	.662
2	1.E-03	.80845	1.845	.482	3.5E+04	1.2E-04	.681
3	1.E-03	.80832	1.758	.456	1.9E+04	1.4E-04	.693
4	1.E-04	.80838	1.655	.424	8.5E+03	1.5E-04	.707
5	1.E-05	.80828	1.649	.428	7.8E+03	1.6E-04	.708
6	1.E+01	.80828	1.649	.428	7.8E+03	1.6E-04	.708

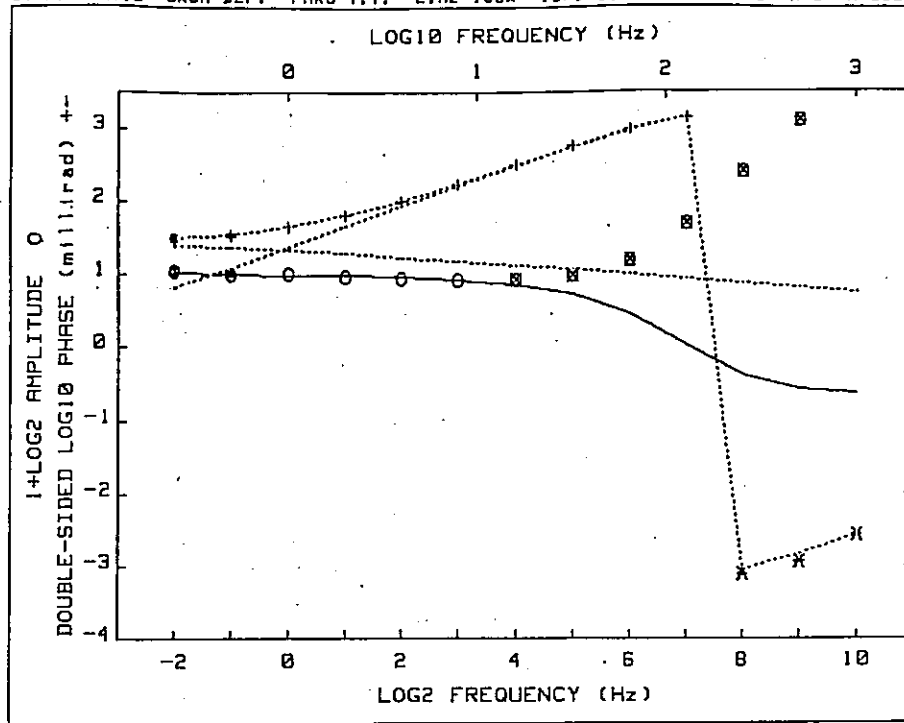
Pct Std Deviations 4.8 6.5 89.7 18.7 1.9

Correlation Matrix

1.000					
.995	1.000				
.978	.958	1.000			
-.954	-.958	-.936	1.000		
-.886	-.778	-.845	.898	1.000	

Apparent Resistivity Measured at 1 Hz is 224.5
 Apparent Resistivity Calculated from Inductive Coupling is 1854

F	ObsAmp	CalAmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6389	.5339	15.4	.1	8	1319.8	1388.5	.8	.8	1
9	.6359	.6278	1.3	.1	1	824.6	861.2	-4.4	.8	1
8	.7158	.7388	-2.2	.1	1	541.4	548.7	-1.4	.2	1
7	.8825	.8145	-1.5	.1	1	357.8	345.3	3.5	.1	1
6	.8697	.8738	-.5	.5	1	227.1	216.6	4.6	1.7	1
5	.9179	.9137	.5	.2	1	148.9	136.8	2.9	1.6	1
4	.9372	.9483	-.3	.1	1	85.8	88.8	-3.5	1.2	1
3	.9567	.9586	-.2	.3	1	55.8	58.6	-5.1	3.6	1
2	.9684	.9721	-.4	.3	1	39.8	41.4	-6.2	1.8	1
1	.9795	.9829	-.3	.4	1	31.7	31.7	-.1	1.6	1
0	1.8888	.9925	.8	.6	1	27.3	26.8	1.7	2.6	1
-1	1.0137	1.8818	1.2	1.2	1	24.8	25.8	-.7	4.4	1
-2	1.8291	1.8116	1.7	1.4	1	25.3	25.0	1.8	7.9	1



CRL: Number of dispersions= 2
 C1=.25 H2=1 fixed

Iter	Lambda	Rchsq	RB	M1	T1	T2	C2
0	1.E-02	.02816	1.650	.420	7.0E+03	1.6E-03	.700
1	1.E-02	.00160	1.793	.484	7.3E+03	1.1E-03	.850
2	1.E-03	.00023	1.730	.451	7.1E+03	1.4E-03	.862
3	1.E-04	.00022	1.634	.418	3.6E+03	1.5E-03	.870
4	1.E-04	.00021	1.534	.382	1.6E+03	1.6E-03	.878
5	1.E-04	.00019	1.450	.348	6.6E+02	1.8E-03	.887
6	1.E-04	.00017	1.385	.319	2.9E+02	1.9E-03	.895
7	1.E-04	.00015	1.336	.296	1.4E+02	2.0E-03	.903
8	1.E-04	.00014	1.300	.279	7.0E+01	2.1E-03	.910
9	1.E-04	.00013	1.274	.267	4.0E+01	2.1E-03	.916

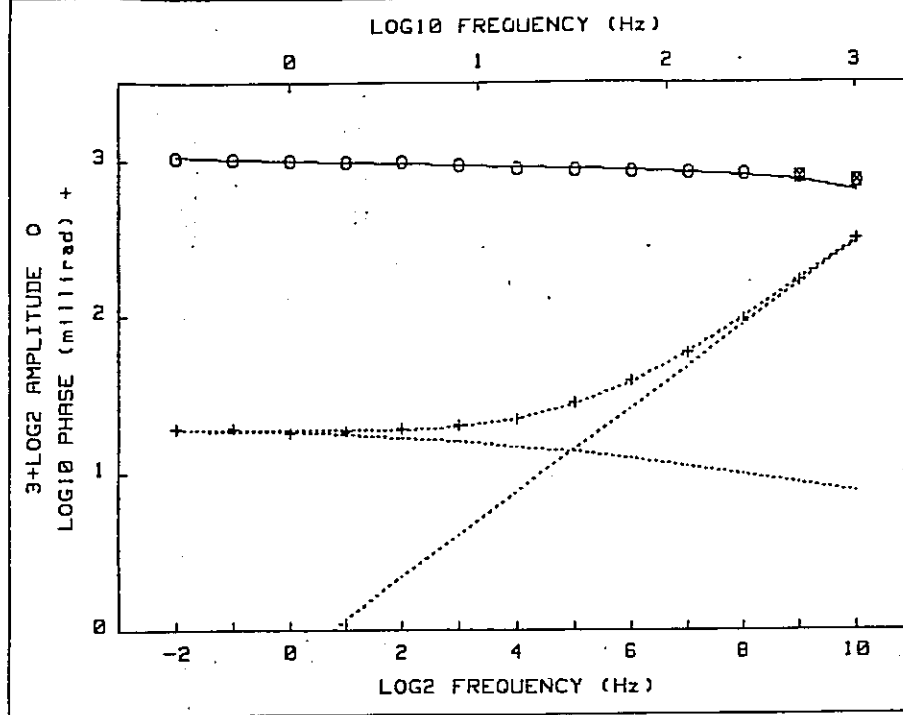
Pct Std Deviations 12.4 28.8 999.9 17.8 3.5

Correlation Matrix

1.000					
.999	1.000				
.998	.995	1.000			
-.994	-.994	-.992	1.000		
-.955	-.946	-.964	.962	1.000	

Apparent Resistivity Measured at 1 Hz is 126.0
 Apparent Resistivity Calculated from Inductive Coupling is 283.1

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	6.4585	.3227	95.8	.8	0	-373.1	-369.1	1.1	.8	0
9	4.3865	.3342	92.2	.8	0	-888.6	-670.2	24.6	.8	0
8	2.6562	.3865	85.5	.8	0	-1311.6	-1135.2	13.5	.8	0
7	1.6400	.5142	68.6	.8	0	1413.5	1456.4	-3.0	.1	1
6	1.1476	.6916	39.7	.6	0	969.8	958.4	2.8	.3	1
5	.9872	.8343	15.5	.4	0	578.4	565.9	2.2	.7	1
4	.9445	.9125	3.4	.2	0	319.6	320.3	-.2	.3	1
3	.9511	.9585	.1	.4	1	177.4	180.2	-1.6	1.7	1
2	.9621	.9713	-1.0	.5	1	104.3	104.8	-.5	1.1	1
1	.9751	.9853	-1.1	.7	1	66.3	65.5	1.2	2.0	1
0	1.0000	.9972	.3	1.2	1	45.3	45.7	-.9	2.9	1
-1	1.0115	1.0086	.3	2.1	1	35.8	36.2	-1.1	6.4	1
-2	1.0372	1.0283	1.6	2.5	1	32.4	32.1	1.0	11.7	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.03058	1.548	.367	4.0E+02	1.1E-05	.892
1	1.E-02	.00219	1.377	.318	4.0E+02	1.4E-05	.707
2	1.E-03	.00081	1.288	.269	1.7E+02	2.4E-05	.777
3	1.E-03	.00057	1.236	.237	6.3E+01	2.6E-05	.789
4	1.E-03	.00041	1.192	.211	2.1E+01	2.8E-05	.805
5	1.E-03	.00026	1.160	.192	7.7E+00	3.0E-05	.825
6	1.E-04	.00025	1.102	.162	8.2E-01	3.5E-05	.878
7	1.E-05	.00006	1.112	.171	7.2E-01	3.5E-05	.886
8	1.E-06	.00006	1.112	.171	7.1E-01	3.5E-05	.887

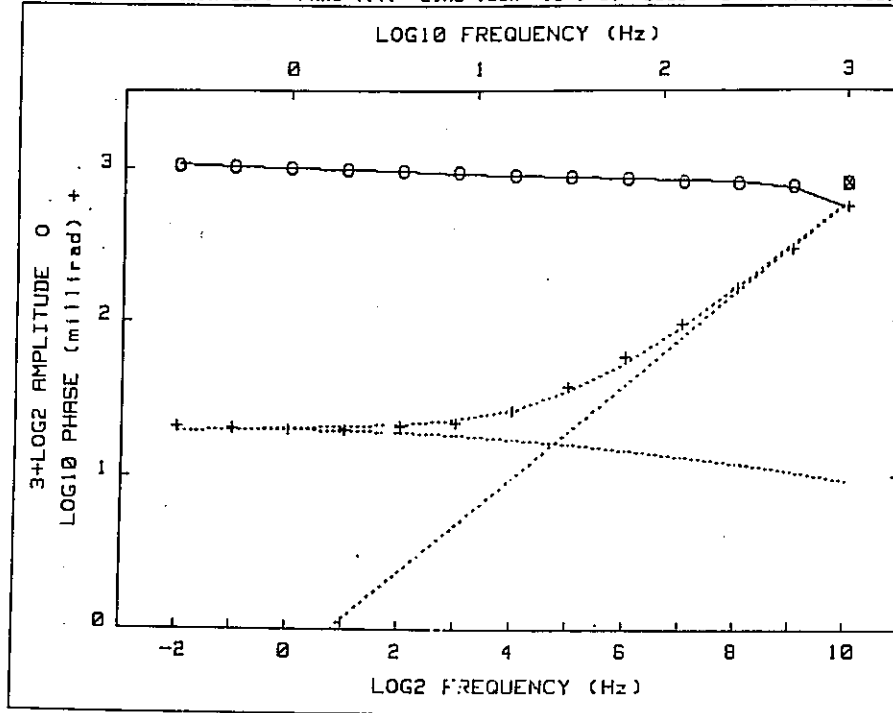
Pct Std Deviations .4 1.1 29.9 2.7 1.2

Correlation Matrix

1.000					
.767	1.000				
.896	.674	1.000			
-.482	-.212	-.557	1.000		
-.370	-.198	-.692	.986	1.000	

Apparent Resistivity Measured at 1 Hz is 1256
 Apparent Resistivity Calculated from Inductive Coupling is 1368

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9888	.8682	4.4	.0	8	388.1	381.6	2.1	.8	1
9	.9248	.9186	1.4	.0	8	169.3	171.7	-1.4	.0	1
8	.9341	.9322	.2	.0	1	96.9	98.8	-1.9	.0	1
7	.9429	.9449	-.2	.0	1	59.1	59.2	-.1	.0	1
6	.9317	.9539	-.2	.0	1	38.5	38.2	.7	.0	1
5	.9589	.9614	-.3	.0	1	27.8	27.5	1.2	.0	1
4	.9673	.9685	-.1	.0	1	22.1	22.2	-.5	.5	1
3	.9797	.9757	.4	.0	1	20.1	19.9	1.2	.0	1
2	.9886	.9832	.5	.0	1	19.3	19.8	1.7	1.0	1
1	.9927	.9918	.2	.0	1	18.5	18.8	-1.5	.0	1
0	1.0000	.9992	.1	.0	1	17.9	18.8	-5.2	.6	1
-1	1.0045	1.0076	-.3	.1	1	19.2	18.9	1.8	.0	1
-2	1.0134	1.0161	-.3	.0	1	19.1	18.7	1.9	.0	1



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

Iter	Lambda	Rchsq	R8	M1	T1	T2
0	1.E-02	.88847	1.129	.187	5.6E-01	7.9E-05
1	1.E-02	.88835	1.118	.185	5.2E-01	8.3E-05
2	1.E-03	.88833	1.113	.183	4.8E-01	8.2E-05
3	1.E-04	.88833	1.111	.183	3.4E-01	8.2E-05

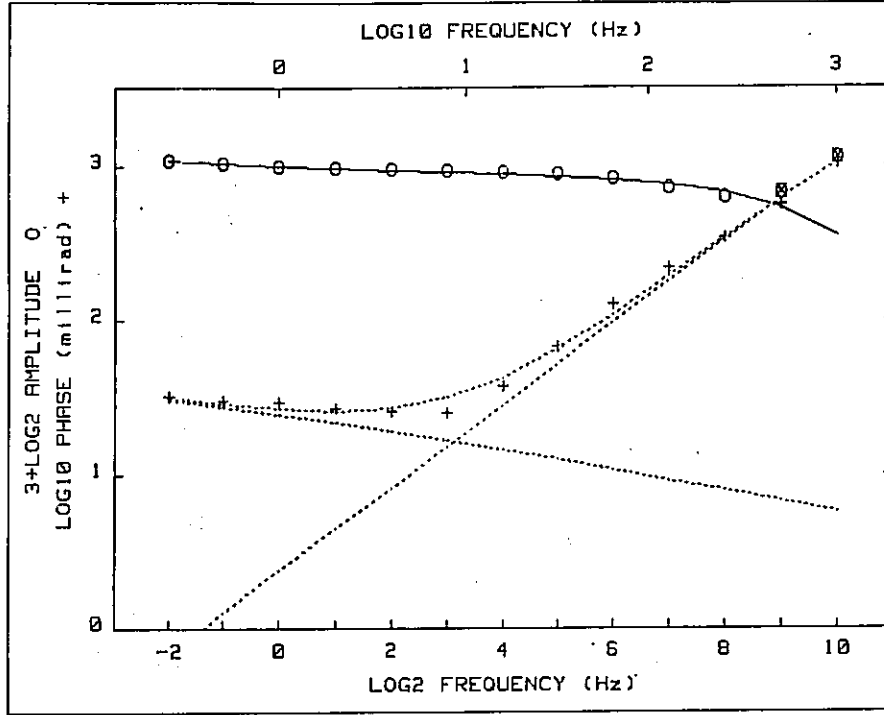
Pct Std Deviations .8 1.9 53.7 2.3

Correlation Matrix

1.000			
.709	1.000		
.825	.565	1.000	
.884	-.189	.211	1.000

Apparent Resistivity Measured at 1 Hz is 810.3
 Apparent Resistivity Calculated from Inductive Coupling is 2216

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9383	.8330	10.5	.8	0	558.1	596.8	-6.9	.8	1
9	.9286	.9893	1.2	.8	1	298.5	318.6	-6.7	.8	1
8	.9275	.9349	-.8	.8	1	164.3	167.4	-1.9	.8	1
7	.9389	.9452	-.7	.8	1	96.3	98.9	5.6	.8	1
6	.9588	.9522	-.2	8.8	1	58.4	53.2	8.8	.3	1
5	.9578	.9588	-.1	.8	1	37.5	35.1	6.3	.5	1
4	.9659	.9659	.0	.8	1	26.9	26.7	.8	.7	1
3	.9777	.9735	.4	.8	1	22.1	23.8	-3.9	.5	1
2	.9868	.9817	.5	.8	1	20.9	21.4	-2.6	.8	1
1	.9920	.9984	.2	.8	1	20.8	20.9	-4.3	.8	1
0	1.0888	.9993	-.1	.8	1	20.8	20.6	-3.8	.8	1
-1	1.0847	1.0884	-.4	.1	1	20.5	20.3	.9	.8	1
-2	1.0149	1.0175	-.3	.8	1	21.8	19.9	5.4	.7	1



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

Iter	Lambda	Rchsq	R8	M1	T1	T2	C2
0	1.E-02	.00297	1.320	.283	4.2E+01	1.6E-04	.931
1	1.E-02	.00163	1.332	.309	4.5E+01	1.4E-04	.917
2	1.E-03	.00153	1.402	.341	1.3E+02	1.3E-04	.903
3	1.E-03	.00148	1.461	.366	2.3E+02	1.2E-04	.899
4	1.E-03	.00146	1.506	.384	3.6E+02	1.1E-04	.895
5	1.E-03	.00145	1.541	.397	4.8E+02	1.1E-04	.892

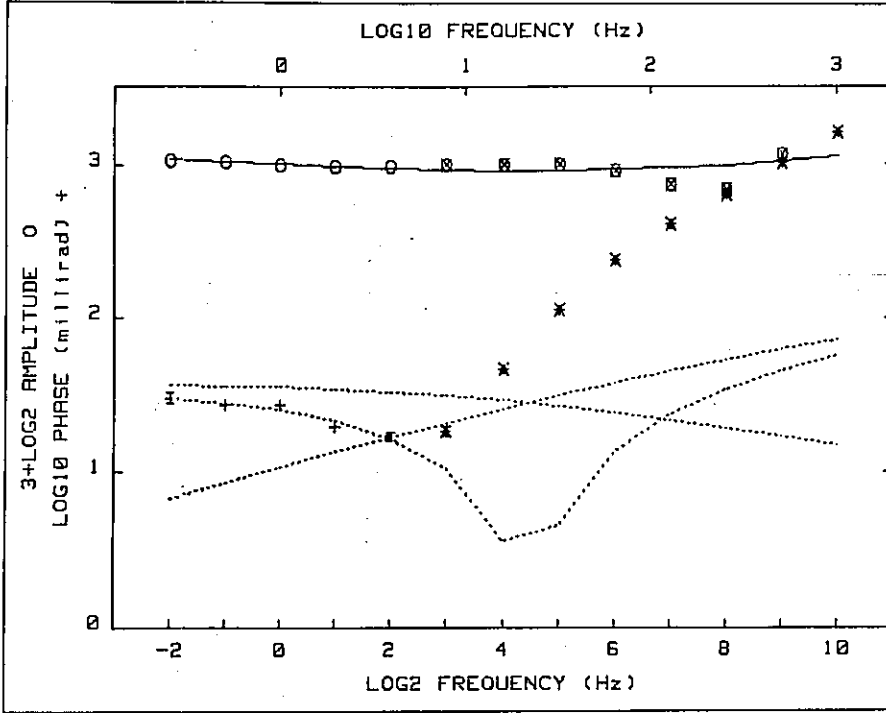
Pct Std Deviations 36.2 61.3 999.9 56.2 6.1

Correlation Matrix

1.000					
1.000	1.000				
.999	.998	1.000			
-.988	-.987	-.988	1.000		
-.888	-.874	-.889	.923	1.000	

Apparent Resistivity Measured at 1 Hz is 404.8
 Apparent Resistivity Calculated from Inductive Coupling is 2162

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.0322	.7296	29.3	.0	0	1018.5	1042.7	-3.2	.0	1
9	.8861	.8258	6.8	.0	0	559.6	611.0	-9.2	.1	1
8	.8692	.8867	-2.0	.1	1	336.6	343.4	-2.0	.1	1
7	.9866	.9283	-1.5	.0	1	215.6	191.8	11.0	.2	1
6	.9453	.9395	.6	.1	1	128.0	109.3	15.1	1.0	1
5	.9613	.9519	1.0	.1	1	68.2	65.5	4.0	.6	1
4	.9682	.9614	.7	.1	1	37.9	42.9	-13.2	.8	1
3	.9764	.9700	.7	.1	1	25.4	32.0	-25.0	2.0	1
2	.9831	.9786	.5	.0	1	25.0	27.4	-6.1	1.6	1
1	.9985	.9879	.3	.1	1	27.1	26.3	2.9	1.1	1
0	1.0000	.9984	.2	.1	1	30.0	27.3	9.1	1.0	1
-1	1.0133	1.0102	.3	.1	1	30.7	29.3	4.4	1.0	1
-2	1.0246	1.0235	.1	.3	1	33.0	32.1	2.9	2.5	1



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

Iter	Lambda	Rchsq	R0	M1	T2	C2
0	1.E-02	.02610	1.310	.457	5.9E-05	.454
1	1.E-02	.00206	1.169	.272	4.9E-05	.660
2	1.E-03	.00067	1.197	.267	3.9E-05	.651
3	1.E-04	.00062	1.203	.278	8.0E-06	.500
4	1.E-04	.00056	1.207	.287	3.6E-06	.432
5	1.E-04	.00055	1.210	.294	1.9E-06	.391
6	1.E-04	.00054	1.212	.299	1.2E-06	.361
7	1.E-04	.00053	1.214	.304	7.7E-07	.339
8	1.E-04	.00053	1.215	.309	5.5E-07	.320

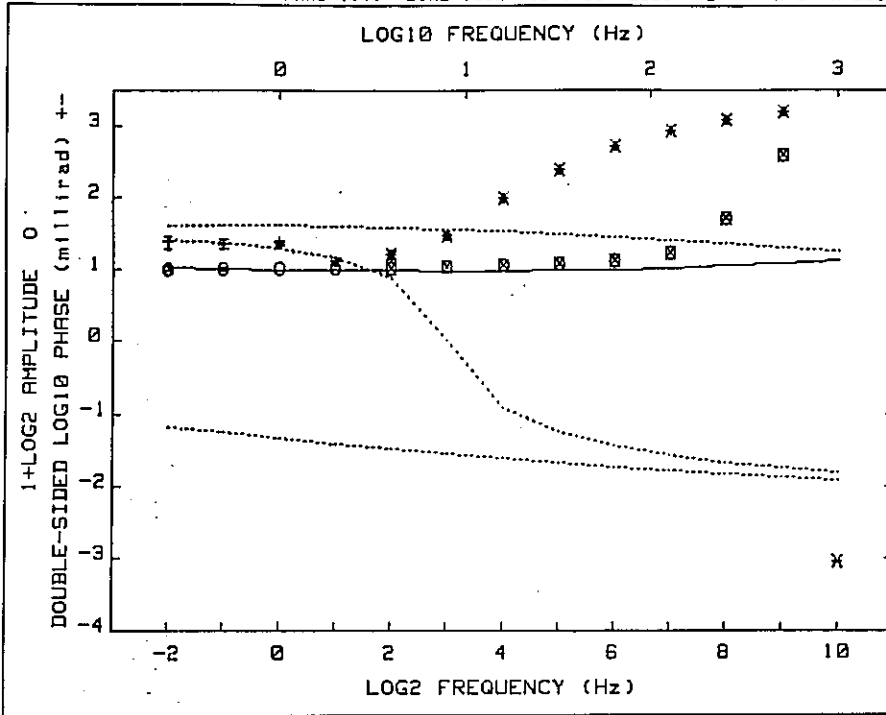
Pct Std Deviations 2.8 41.3 999.9 296.7

Correlation Matrix

	1.000			
	.954	1.000		
	-.916	-.986	1.000	
	-.928	-.992	.999	1.000

Apparent Resistivity Measured at 1 Hz is 221.6
 Apparent Resistivity Calculated from Inductive Coupling is 1848

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.5864	1.8347	34.8	.1	0	1568.6	57.8	96.3	.0	0
9	1.0393	1.8114	2.7	.1	0	1011.7	45.9	95.5	.0	0
8	.8903	.9940	-11.6	.1	0	634.7	34.4	94.6	.1	0
7	.9128	.9819	-7.6	.1	0	486.8	23.6	94.2	.3	0
6	.9733	.9746	-.1	.4	0	238.7	13.5	94.3	1.6	0
5	.9989	.9715	2.7	.2	0	113.2	4.5	96.0	1.3	0
4	1.0003	.9721	2.8	.2	0	46.2	3.6	92.3	2.6	0
3	.9976	.9759	2.2	.2	0	18.3	18.6	42.3	6.6	0
2	.9922	.9826	1.0	.1	1	16.9	16.5	2.4	6.5	1
1	.9941	.9917	.2	.2	1	19.7	21.4	-8.4	4.1	1
0	1.0000	1.0027	-.3	.2	1	27.2	25.2	7.5	3.3	1
-1	1.0150	1.0154	.0	.3	1	27.0	28.0	-3.5	3.3	1
-2	1.0190	1.0291	-1.0	.0	1	30.2	29.0	1.4	0.0	1



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

Iter	Lambda	Rchsq	R0	M1	T2	C2
0	1.E-02	.08944	1.218	.389	8.5E-07	.320
1	1.E-02	.08298	1.205	.332	8.8E-07	.268
2	1.E-03	.08232	1.211	.353	1.1E-06	.256
3	1.E-03	.08238	1.211	.345	1.3E-06	.267

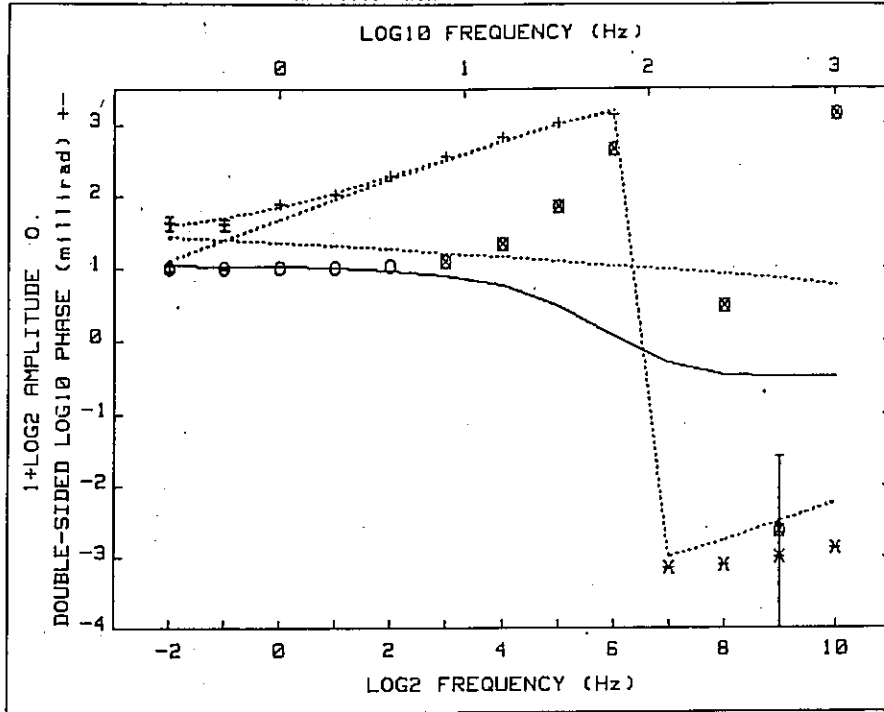
Pct Std Deviations 6.6 956.7 999.9 999.9

Correlation Matrix

	1.000			
	.931	1.000		
	-.898	-.994	1.000	
	-.916	-.999	.998	1.000

Apparent Resistivity Measured at 1 Hz is 155.6
 Apparent Resistivity Calculated from Inductive Coupling is 176.6

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	6.1728	1.0862	82.4	.8	0	-1127.8	-66.8	94.2	.8	0
9	2.9743	1.0565	64.5	.8	0	1559.1	-57.8	103.7	.8	0
8	1.6282	1.0328	36.6	.1	0	1213.6	-47.3	103.9	.1	0
7	1.1718	1.0128	13.6	.1	0	855.5	-37.3	104.4	.4	0
6	1.0794	.9985	7.5	.5	0	585.7	-27.3	105.4	1.0	0
5	1.0562	.9898	6.4	.3	0	245.3	-17.5	107.2	1.7	0
4	1.0426	.9839	5.6	.3	0	98.3	-8.3	108.5	1.8	0
3	1.0272	.9828	4.3	.5	0	28.6	8.8	108.8	7.7	0
2	1.0072	.9852	2.2	.1	0	15.8	7.7	51.2	12.7	0
1	1.0013	.9988	1.0	.4	1	13.1	14.2	-8.7	12.2	1
0	1.0000	.9992	.1	.5	1	23.6	19.6	16.9	8.1	1
-1	1.0052	1.0097	-.5	1.8	1	23.3	23.8	-2.3	16.3	1
-2	1.0143	1.0228	-.8	1.8	1	-25.8	26.9	-7.5	19.6	1



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

Iter	Lambda	Rchsq	RB	M1	T1	T2	C2
0	1.E-02	.00382	1.345	.281	4.1E+01	4.6E-03	.933
1	1.E+01	.00247	1.338	.282	4.1E+01	4.6E-03	.931
2	1.E+01	.00234	1.323	.283	4.1E+01	4.6E-03	.931
3	1.E+03	.00234	1.323	.283	4.1E+01	4.6E-03	.931

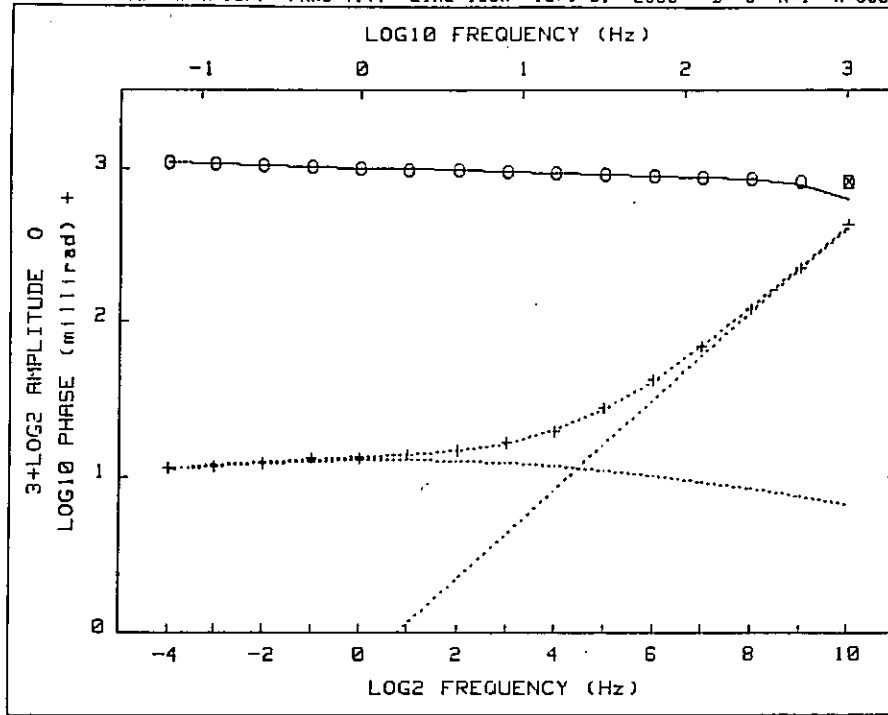
Pct Std Deviations 73.6 187.8 999.9 104.4 16.5

Correlation Matrix

1.000				
.997	1.000			
.997	.991	1.000		
-.994	-.994	-.998	1.000	
-.968	-.944	-.971	.968	1.000

Apparent Resistivity Measured at 1 Hz is 87.69
 Apparent Resistivity Calculated from Inductive Coupling is 198.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	4.4273	.3564	91.9	0.0	0	-765.7	-172.2	77.5	.0	0
9	.0803	.3548	-341.9	106.5	0	-1034.1	-317.6	69.3	.0	0
8	.7857	.3638	48.6	1.4	0	-1296.3	-583.3	55.0	.0	0
7	5.8198	.4864	93.0	.0	0	-1489.6	-1016.8	31.7	.0	0
6	3.1738	.5243	83.5	.1	0	1417.5	1578.8	-10.0	.1	1
5	1.8241	.7839	61.4	.1	0	1081.3	1033.0	4.5	.5	1
4	1.2654	.8558	32.4	.4	0	685.2	614.4	10.3	.8	1
3	1.0788	.9391	12.9	.6	0	367.9	345.5	6.1	1.6	1
2	1.0165	.9789	3.7	.3	1	201.0	193.3	3.8	1.3	1
1	1.0052	1.0007	.5	.6	1	109.1	112.4	-3.0	2.3	1
0	1.0000	1.0168	-1.6	.8	1	78.1	78.8	9.4	4.9	1
-1	1.0073	1.0294	-2.2	1.0	1	42.0	58.8	-19.0	17.1	1
-2	1.0123	1.0427	-3.0	3.0	1	43.7	48.1	8.2	21.8	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.81832	1.112	.171	7.1E-01	3.5E-05	.887
1	1.E-02	.88847	1.068	.128	5.5E-01	5.4E-05	.887
2	1.E-03	.88818	1.068	.119	2.5E-01	5.7E-05	.931
3	1.E-04	.88888	1.066	.121	1.7E-01	5.8E-05	.946
4	1.E-05	.88888	1.066	.122	1.6E-01	5.8E-05	.948

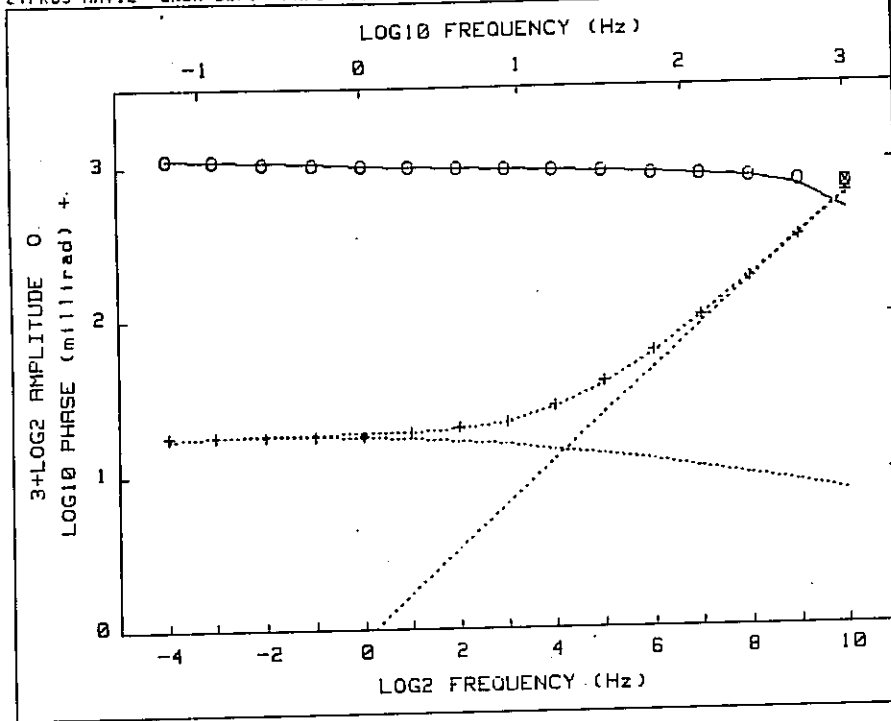
Pct Std Deviations .2 1.0 20.8 2.8 .9

Correlation Matrix

1.000				
-.186	1.000			
.565	-.638	1.000		
-.258	.335	-.327	1.000	
-.387	.645	-.623	.811	1.000

Apparent Resistivity Measured at 1 Hz is 1428
 Apparent Resistivity Calculated from Inductive Coupling is 1014

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9352	.8645	7.6	.8	8	426.4	417.1	2.2	.1	1
9	.9381	.9238	1.5	.8	1	223.6	228.9	-2.3	.8	1
8	.9473	.9479	-.1	.8	1	122.1	124.6	-2.8	.1	1
7	.9557	.9595	-.4	.8	1	68.8	69.7	-1.2	.1	1
6	.9644	.9667	-.2	.8	1	42.7	41.4	3.1	.8	1
5	.9718	.9727	-.2	.8	1	27.9	27.1	3.8	.8	1
4	.9771	.9782	-.1	.8	1	19.7	20.8	-1.3	.5	1
3	.9832	.9838	-.1	.8	1	16.8	16.5	1.8	.8	1
2	.9882	.9895	-.1	.8	1	15.8	14.8	1.2	.8	1
1	.9935	.9953	-.2	.8	1	13.7	14.8	-2.1	.8	1
8	1.0088	1.0011	-.1	.8	1	13.1	13.5	-2.8	.8	1
-1	1.0062	1.0078	-.1	.8	1	13.1	13.8	-.7	.8	1
-2	1.0118	1.0127	-.1	.8	1	12.4	12.5	-.9	.8	1
-3	1.0183	1.0182	.8	.8	1	11.7	11.9	-1.8	.8	1
-4	1.0246	1.0235	.1	.8	1	11.6	11.2	3.4	.8	1



CRL: Number of dispersions= 2
 C1=.25 H2=1 fixed

Iter	Lambda	Rchsq	RB	M1	T1	T2	C2
0	1.E-02	.01446	1.066	.122	1.6E-01	5.8E-05	.948
1	1.E-02	.00031	1.098	.168	2.2E-01	8.5E-05	.964
2	1.E-03	.00015	1.104	.165	4.5E-01	8.5E-05	.955
3	1.E-04	.00013	1.109	.165	6.4E-01	8.4E-05	.947
4	1.E-05	.00013	1.110	.166	6.7E-01	8.4E-05	.946

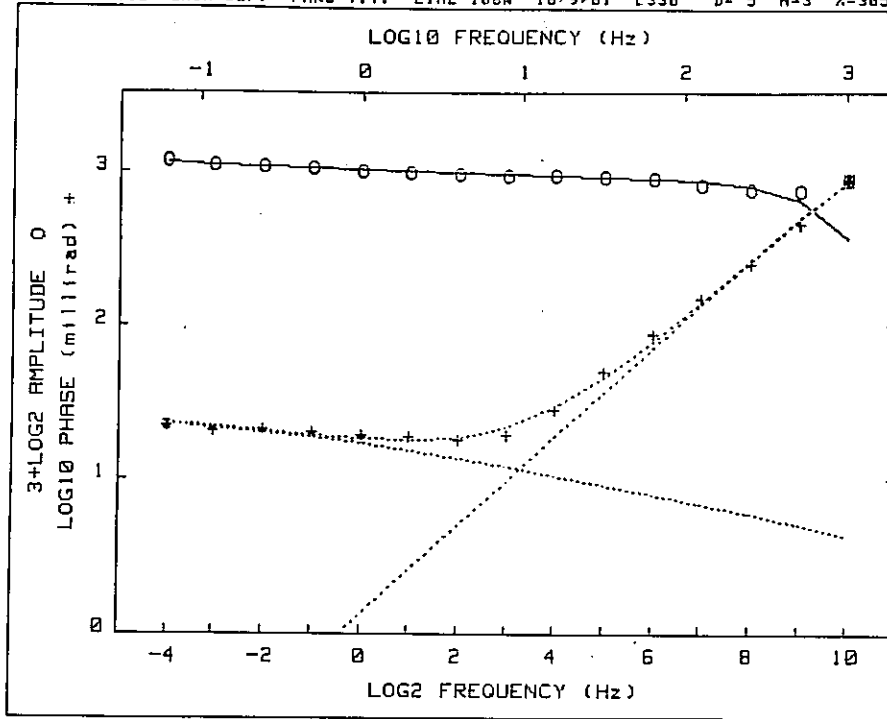
Pct Std Deviations .4 1.0 27.9 2.2 1.0

Correlation Matrix

1.000				
.314	1.000			
.774	.078	1.000		
-.209	.047	-.287	1.000	
-.473	.266	-.579	.756	1.000

Apparent Resistivity Measured at 1 Hz is 1249
 Apparent Resistivity Calculated from Inductive Coupling is 1836

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.8963	.7983	10.9	.0	0	609.6	592.0	2.9	.0	1
9	.9129	.8909	2.4	.0	1	321.8	332.0	-3.2	.0	1
8	.9275	.9298	-.2	.0	1	174.6	181.1	-3.7	.1	1
7	.9417	.9471	-.6	.0	1	108.1	100.3	7.2	.1	1
6	.9530	.9570	-.4	.0	1	68.8	58.4	14.0	.4	1
5	.9626	.9645	-.2	.0	1	38.5	37.1	3.5	.0	1
4	.9701	.9713	-.1	.0	1	27.2	26.7	1.8	.4	1
3	.9769	.9783	-.1	.0	1	21.7	21.8	-.4	.5	1
2	.9840	.9855	-.2	.0	1	19.9	19.6	1.3	.0	1
1	.9916	.9931	-.1	.0	1	18.7	18.8	-.6	.0	1
0	1.0000	1.0010	-.1	.0	1	18.1	18.5	-2.5	.0	1
-1	1.0077	1.0091	-.1	.0	1	17.9	18.4	-2.9	.0	1
-2	1.0159	1.0174	-.1	.0	1	17.9	18.2	-1.7	.6	1
-3	1.0244	1.0256	-.1	.0	1	18.1	17.8	1.5	2.3	1
-4	1.0344	1.0338	.1	.1	1	17.7	17.3	2.5	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	.88736	1.110	.166	6.7E-01	8.4E-05	.946
1	1.E-02	.88148	1.129	.176	1.2E+00	1.3E-04	.987
2	1.E-03	.88108	1.162	.185	8.3E+00	1.3E-04	.978
3	1.E-04	.88877	1.204	.213	3.1E+01	1.2E-04	.955
4	1.E-05	.88873	1.223	.223	4.4E+01	1.2E-04	.952
5	1.E-06	.88873	1.226	.224	4.6E+01	1.2E-04	.952

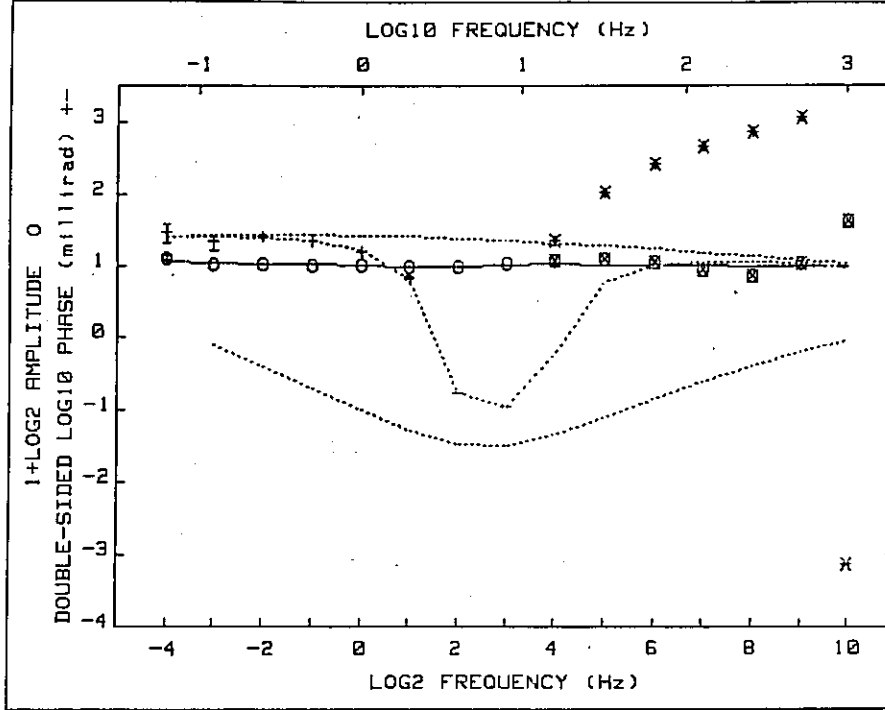
Pct Std Deviations 3.2 10.8 161.1 6.5 2.1

Correlation Matrix

1.000				
.982	1.000			
.976	.973	1.000		
-.725	-.788	-.720	1.000	
-.615	-.559	-.631	.641	1.000

Apparent Resistivity Measured at 1 Hz is 628.2
 Apparent Resistivity Calculated from Inductive Coupling is 2453

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9682	.7388	23.1	.8	8	861.1	854.4	.8	.8	1
9	.9112	.8788	4.4	.8	1	452.3	489.1	-8.1	.8	1
8	.9168	.9303	-1.6	.8	1	253.6	265.2	-4.6	.8	1
7	.9396	.9543	-1.6	.8	1	158.8	142.4	5.6	.1	1
6	.9615	.9655	-.4	.8	1	88.6	78.2	11.8	.6	1
5	.9736	.9724	.1	.8	1	58.8	45.4	9.2	.4	1
4	.9786	.9788	.1	.8	1	28.2	29.2	-3.5	.7	1
3	.9889	.9834	-.3	.8	1	19.1	21.6	-13.1	1.6	1
2	.9851	.9892	-.4	.8	1	18.8	18.5	-2.7	.6	1
1	.9921	.9956	-.4	.8	1	18.6	17.7	4.6	.5	1
0	1.0088	1.0028	-.3	.8	1	19.1	18.2	4.7	.5	1
-1	1.0096	1.0187	-.1	.8	1	20.8	19.3	3.7	.8	1
-2	1.0176	1.0195	-.2	.1	1	21.8	20.6	2.1	1.1	1
-3	1.0288	1.0291	-.1	.1	1	28.8	21.9	-5.3	3.4	1
-4	1.0453	1.0395	.6	.3	1	22.3	23.1	-3.8	6.3	1



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

Iter	Lambda	Rchsq	R0	M1	T1	M2	T2
0	1.E-02	.00125	1.179	.242	1.0E+00	.055	2.5E-02
1	1.E-02	.00115	1.182	.245	1.0E+00	.056	2.6E-02
2	1.E-03	.00114	1.186	.245	1.2E+00	.055	2.6E-02

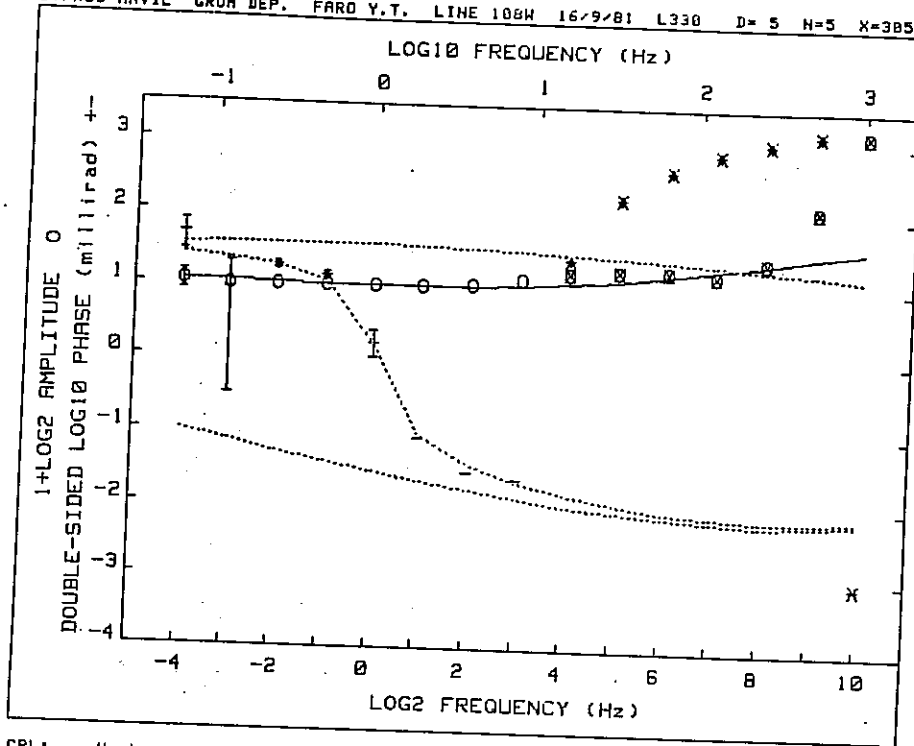
Pct Std Deviations 2.0 2.0 165.3 9.0 3.9

Correlation Matrix

1.000					
.199	1.000				
.088	-.026	1.000			
-.002	.220	-.963	1.000		
-.131	.527	-.270	.270	1.000	

Apparent Resistivity Measured at 1 Hz is 352.4
 Apparent Resistivity Calculated from Inductive Coupling is 397.5

F	ObsAmp	CalAmp	PctDif	ASD%	Hts	ObsPhz	CalPhz	PctDif	PSD%	Hts
10	1.5286	.9871	35.4	.0	0	-1371.1	9.5	100.7	.0	0
9	1.0198	.9916	2.0	.1	0	1140.3	10.5	99.1	.1	0
8	.9839	.9968	-10.3	.1	0	737.1	11.3	98.5	.1	0
7	.9667	1.0026	-3.7	.0	0	467.7	11.4	97.6	.1	0
6	1.0454	1.0009	3.5	.2	0	259.1	10.0	96.1	1.1	0
5	1.0699	1.0147	5.2	.1	0	109.9	6.0	94.6	1.5	0
4	1.0525	1.0170	3.4	.1	0	23.1	-1.0	107.0	3.5	0
3	1.0100	1.0104	.0	.2	1	-9.3	-9.4	-1.5	20.0	1
2	.9950	.9990	-.4	.1	1	-5.9	-5.0	2.2	11.9	1
1	.9956	.9972	-.2	.1	1	6.9	6.6	4.4	5.0	1
0	1.0000	1.0046	-.5	.1	1	15.0	16.7	-5.6	3.0	1
-1	1.0099	1.0160	-.6	.2	1	22.3	22.5	-.0	2.7	1
-2	1.0159	1.0206	-1.2	.5	1	26.0	25.4	2.5	3.5	1
-3	1.0295	1.0416	-1.2	.5	1	22.5	26.5	-17.7	24.0	1
-4	1.0009	1.0546	3.1	2.1	1	30.3	26.5	12.4	28.4	1



CRL: Number of dispersions= 2 Negative.
 T1=1 C1=.25 N2=1 fixed

Iter	Lambda	Rchsq	R8	M1	T2	C2
0	1.E-02	.88643	1.158	.237	1.1E-03	.837
1	1.E-02	.86779	1.175	.272	2.0E-04	.465
2	1.E-03	.82488	1.196	.314	1.8E-04	.455
3	1.E+00	.82465	1.288	.317	1.9E-04	.454

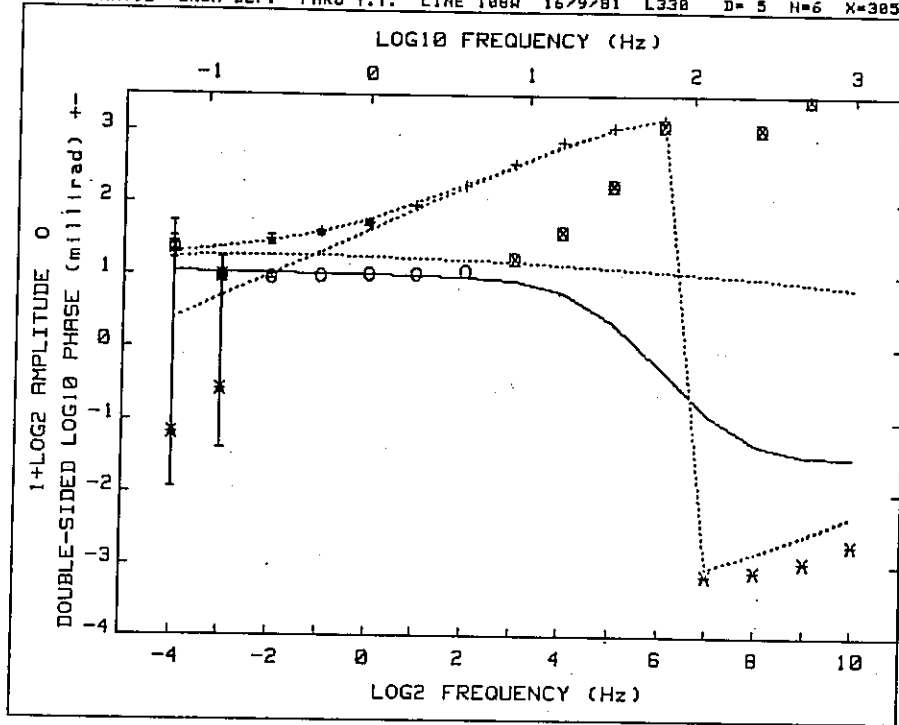
Pct Std Deviations 5.0 22.5 51.7 13.4

Correlation Matrix

1.000			
.618	1.000		
-.081	-.178	1.000	
-.587	-.848	.669	1.000

Apparent Resistivity Measured at 1 Hz is 213.5
 Apparent Resistivity Calculated from Inductive Coupling is 117.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	4.5893	1.4994	66.7	.8	0	-1151.1	-148.3	87.8	.8	0
9	2.1772	1.3998	35.7	.8	0	1451.7	-146.9	118.1	.8	0
8	1.3173	1.3829	1.1	.8	0	1892.3	-144.9	113.3	.1	0
7	1.1467	1.2176	-6.2	.1	0	751.1	-134.1	117.9	.2	0
6	1.1833	1.1478	3.1	.3	0	428.6	-116.2	127.1	1.1	0
5	1.1949	1.8926	8.6	.3	0	178.3	-93.9	152.7	1.1	0
4	1.1549	1.8536	8.8	.1	0	25.8	-78.3	381.3	4.8	0
3	1.8798	1.8279	4.7	.4	1	-42.7	-47.8	-12.8	12.4	1
2	1.8197	1.8132	.6	.2	1	-36.5	-28.8	23.3	3.8	1
1	1.8856	1.8878	-.1	.1	1	-12.6	-11.5	8.8	8.7	1
0	1.8888	1.8875	-.7	.3	1	1.6	1.6	2.7	58.0	1
-1	1.8861	1.8127	-7.7	.5	1	13.9	11.4	18.8	9.4	1
-2	1.8855	1.8215	-1.6	1.2	1	19.1	18.4	3.5	18.5	1
-3	1.8139	1.8326	-1.8	1.8	1	8.9	23.1	-159.7	137.1	1
-4	1.8417	1.8453	-.3	9.1	1	52.1	25.9	58.3	44.5	1



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

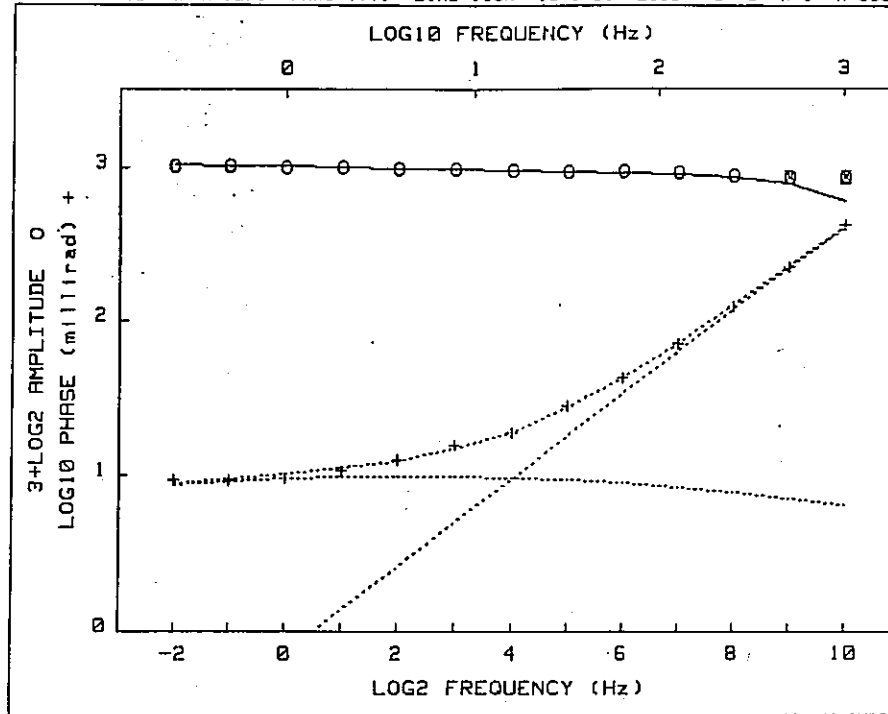
Iter	Lambda	Rchsq	R8	M1	T2
0	1.E-02	.00202	1.135	.203	5.5E-03
1	1.E-02	.00153	1.121	.172	5.9E-03
2	1.E-03	.00152	1.122	.170	5.9E-03

Pct Std Deviations 1.0 12.2 6.7

Correlation Matrix		
1.000		
.737	1.000	
-.546	-.751	1.000

Apparent Resistivity Measured at 1 Hz is 160.1
 Apparent Resistivity Calculated from Inductive Coupling is 185.9

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	9.3773	.1754	98.1	.0	0	-524.7	-287.3	60.5	.1	0
9	5.4054	.1798	96.7	.7	0	-939.0	-300.0	59.6	.3	0
8	4.1833	.1981	95.2	.0	0	-1237.4	-684.3	44.7	.0	0
7	7.5678	.2618	96.5	.0	0	-1451.5	-1118.9	22.9	.0	0
6	4.1848	.4117	90.2	.1	0	1447.5	1543.9	-6.7	.1	1
5	2.3677	.6453	72.7	.1	0	1112.5	1066.0	4.2	.2	1
4	1.5203	.8496	44.1	.1	0	704.0	638.9	9.2	.1	1
3	1.1667	.9468	18.0	.3	0	357.9	346.5	3.2	3.0	1
2	1.0342	.9810	5.2	.4	1	101.1	103.9	-1.5	1.2	1
1	1.0055	.9950	1.0	.2	1	95.0	100.0	-6.1	2.5	1
0	1.0000	1.0043	-.4	.0	1	54.2	59.4	-9.6	9.6	1
-1	.9925	1.0127	-2.0	1.0	1	38.9	38.9	-.0	0.5	1
-2	.9822	1.0211	-4.0	2.3	1	31.2	28.7	8.0	13.2	1
-3	.9937	1.0296	-3.6	1.9	0	-3.7	23.4	733.7	591.9	0
-4	1.0060	1.0381	20.5	10.4	0	-15.5	20.5	232.3	461.3	0



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.05020	1.226	.224	4.6E+01	1.2E-04	.952
1	1.E-02	.00320	1.083	.129	4.0E+01	5.7E-05	.839
2	1.E-03	.00085	1.086	.104	1.3E+01	5.0E-05	.825
3	1.E-03	.00066	1.073	.094	4.0E+00	5.1E-05	.836
4	1.E-03	.00050	1.063	.089	1.3E+00	5.3E-05	.851
5	1.E-03	.00036	1.056	.087	5.1E-01	5.5E-05	.867
6	1.E-04	.00034	1.044	.086	7.3E-02	5.7E-05	.908
7	1.E-05	.00019	1.044	.094	4.5E-02	5.8E-05	.916
8	1.E-06	.00019	1.044	.094	4.2E-02	5.8E-05	.919

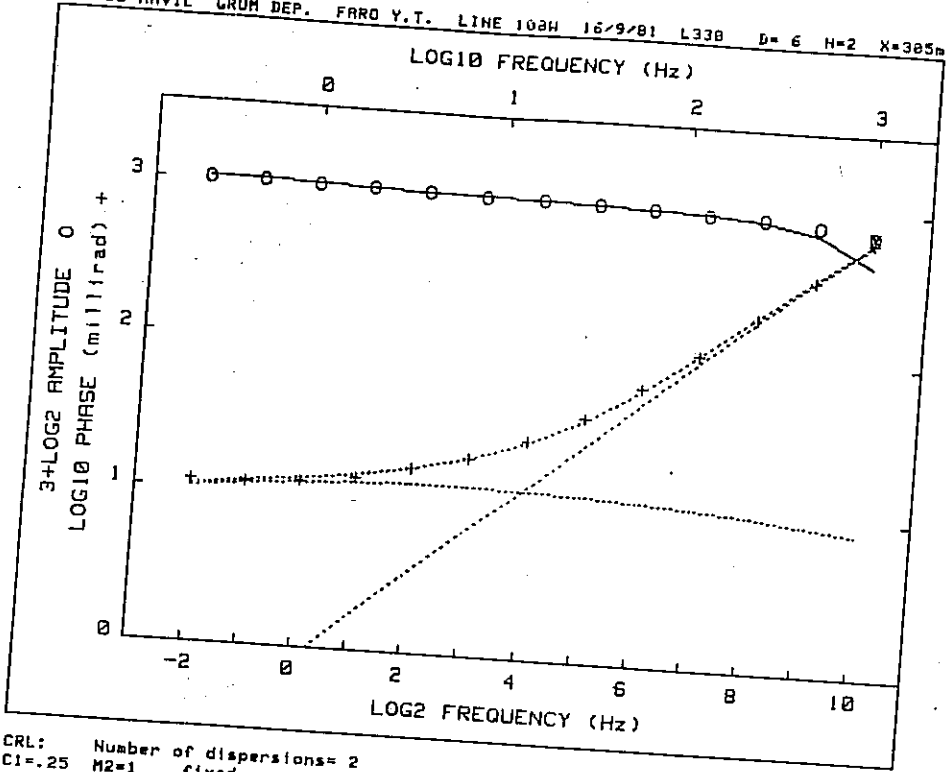
Pct Std Deviations .4 3.8 76.3 3.3 1.7

Correlation Matrix

1.000				
-.424	1.000			
.573	-.086	1.000		
-.238	.427	-.361	1.000	
-.488	.812	-.726	.786	1.000

Apparent Resistivity Measured at 1 Hz is 1461
 Apparent Resistivity Calculated from Inductive Coupling is 917.4

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9499	.8554	9.9	.0	0	421.8	486.7	3.6	.0	1
9	.9537	.9215	3.4	.0	0	224.0	229.1	-2.3	.0	1
8	.9604	.9586	1.0	.0	1	123.3	127.2	-3.2	.3	1
7	.9600	.9648	.3	.0	1	70.9	71.0	-1.3	.0	1
6	.9750	.9732	.2	.0	1	42.9	42.4	1.1	.0	1
5	.9799	.9794	.1	.0	1	27.6	27.0	2.1	1.4	1
4	.9845	.9847	-.0	.0	1	18.8	19.0	-.8	2.1	1
3	.9895	.9896	-.0	.0	1	15.6	14.7	5.6	.0	1
2	.9930	.9942	-.1	.0	1	12.6	12.4	1.3	1.6	1
1	.9966	.9988	-.2	.0	1	10.8	11.1	-2.8	.9	1
0	1.0000	1.0032	-.3	.0	1	9.5	10.2	-7.4	.0	1
-1	1.0037	1.0075	-.4	.0	1	9.3	9.5	-1.9	.0	1
-2	1.0063	1.0115	-.5	.0	1	9.4	8.8	6.3	.0	1



CRL: Number of dispersions= 2
 C1=.25 H2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.81196	1.844	.894	4.2E-02	5.8E-05	.919
1	1.E-02	.88032	1.854	.112	4.3E-02	9.7E-05	.945
2	1.E-03	.88828	1.855	.114	3.8E-02	9.9E-05	.963
3	1.E-04	.88828	1.854	.116	3.8E-02	1.8E-04	.967

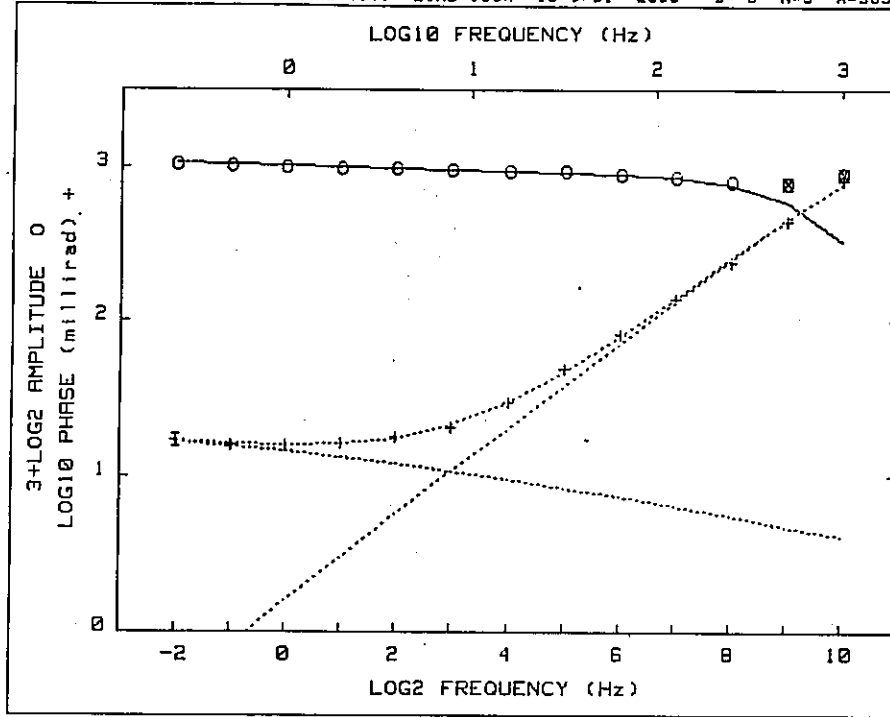
Pct Std Deviations .5 4.4 87.9 2.9 1.6

Correlation Matrix

1.000				
-.587	1.000			
-.653	-.891	1.000		
-.167	-.155	-.122	1.000	
-.491	.742	-.655	.625	1.000

Apparent Resistivity Measured at 1 Hz is 1402
 Apparent Resistivity Calculated from Inductive Coupling is 1653

F	ObsAmp	CalAmp	PctDif	ASDX	Wts	ObsPhz	CalPhz	PctDif	PSDX	Wts
10	.8965	.7878	12.2	.8	0	643.4	636.1	1.1	.8	1
9	.9286	.8992	3.2	.8	1	347.8	357.7	-3.1	.8	1
8	.9474	.9437	.4	.8	1	187.4	192.8	-2.9	.1	1
7	.9681	.9514	-.1	.8	1	185.5	184.7	.7	.2	1
6	.9686	.9786	-.2	.8	1	61.4	59.3	3.4	.4	1
5	.9768	.9773	-.1	.8	1	38.8	36.3	4.6	.8	1
4	.9813	.9833	-.2	.8	1	25.7	24.6	4.5	.8	1
3	.9867	.9898	-.2	.8	1	18.8	18.6	1.2	.8	1
2	.9915	.9946	-.3	.8	1	15.4	15.4	-.1	.8	1
1	.9958	1.0082	-.4	.8	1	13.8	13.6	-4.6	.8	1
0	1.0000	1.0055	-.6	.8	1	11.8	12.4	-4.9	.8	1
-1	1.0044	1.0186	-.6	.8	1	11.3	11.4	-1.0	.8	1
-2	1.0077	1.0155	-.8	.8	1	11.2	10.5	5.9	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	.00943	1.054	.116	3.0E-02	1.0E-04	.967
1	1.E-02	.00103	1.067	.149	4.2E-02	1.3E-04	.985
2	1.E-03	.00066	1.082	.134	2.6E-01	1.3E-04	.957
3	1.E-03	.00036	1.096	.141	8.3E-01	1.3E-04	.945
4	1.E-04	.00030	1.122	.151	5.0E+00	1.2E-04	.923
5	1.E-05	.00020	1.145	.167	1.1E+01	1.2E-04	.916
6	1.E-06	.00020	1.152	.171	1.3E+01	1.2E-04	.915
7	1.E-07	.00020	1.153	.171	1.4E+01	1.2E-04	.914

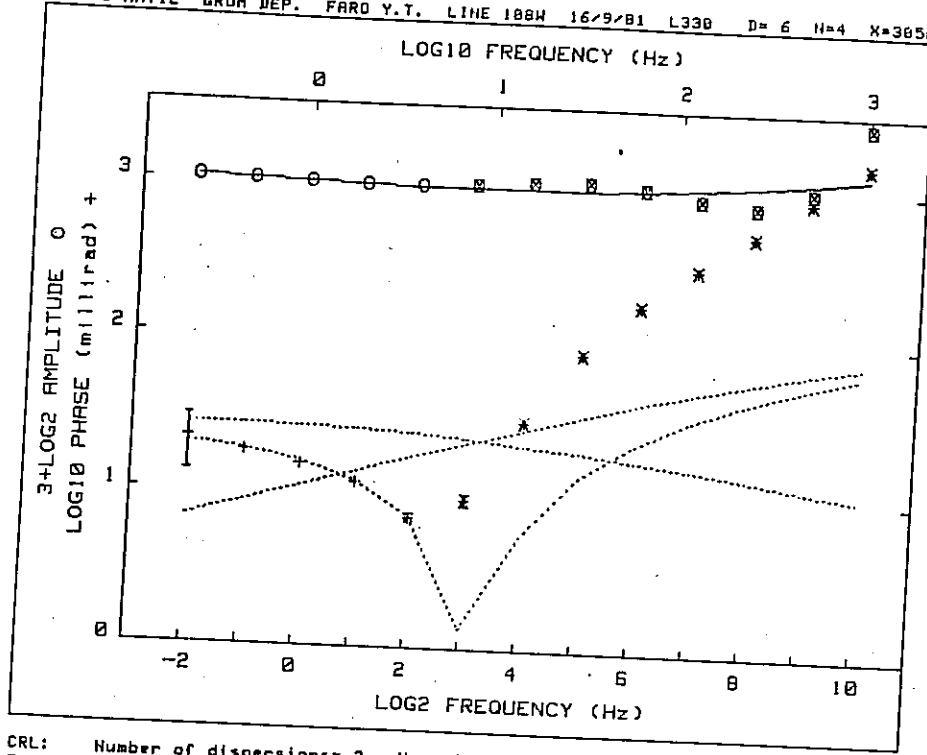
Pct Std Deviations 2.1 8.8 144.5 4.8 1.4

Correlation Matrix

1.000				
.986	1.000			
.984	.982	1.000		
-.797	-.786	-.800	1.000	
-.699	-.656	-.726	.863	1.000

Apparent Resistivity Measured at 1 Hz is 991.6
 Apparent Resistivity Calculated from Inductive Coupling is 2199

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9687	.7135	25.7	.0	8	814.2	764.5	6.1	.0	1
9	.9259	.8505	8.1	.0	8	434.1	453.5	-4.5	.0	1
8	.9317	.9187	1.4	.0	1	239.4	254.5	-6.3	.0	1
7	.9479	.9494	-.2	.0	1	139.3	140.8	-1.1	.1	1
6	.9642	.9644	-.0	.0	1	81.8	79.8	3.4	.2	1
5	.9752	.9731	.2	.0	1	49.2	46.4	5.6	.2	1
4	.9804	.9795	.1	.0	1	29.8	29.6	.5	.0	1
3	.9843	.9831	-.1	.0	1	20.5	21.3	-4.1	1.0	1
2	.9888	.9906	-.2	.0	1	17.8	17.5	1.4	.6	1
1	.9939	.9965	-.3	.0	1	16.4	16.1	1.6	.6	1
0	1.0000	1.0020	-.3	.1	1	16.1	16.0	.8	.0	1
-1	1.0070	1.0096	-.3	.1	1	16.0	16.4	-2.5	.6	1
-2	1.0122	1.0170	-.5	.0	1	17.1	17.1	.3	9.4	1



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

Iter	Lambda	Rchsq	R0	M1	T2	C2
0	1.E-02	.04502	1.310	.539	1.0E-04	.360
1	1.E-02	.02020	1.037	.155	9.6E-05	1.000
2	1.E+00	.08670	1.096	.151	9.0E-05	.905
3	1.E-01	.00461	1.118	.177	1.0E-04	.740
4	1.E-02	.00071	1.127	.187	9.6E-05	.740
5	1.E-03	.00050	1.129	.191	5.6E-05	.670
6	1.E-03	.00050	1.131	.195	3.7E-05	.624
7	1.E-03	.00043	1.133	.199	2.6E-05	.502
8	1.E-04	.00039	1.143	.219	3.1E-06	.401
9	1.E-04	.00020	1.149	.237	1.1E-06	.337

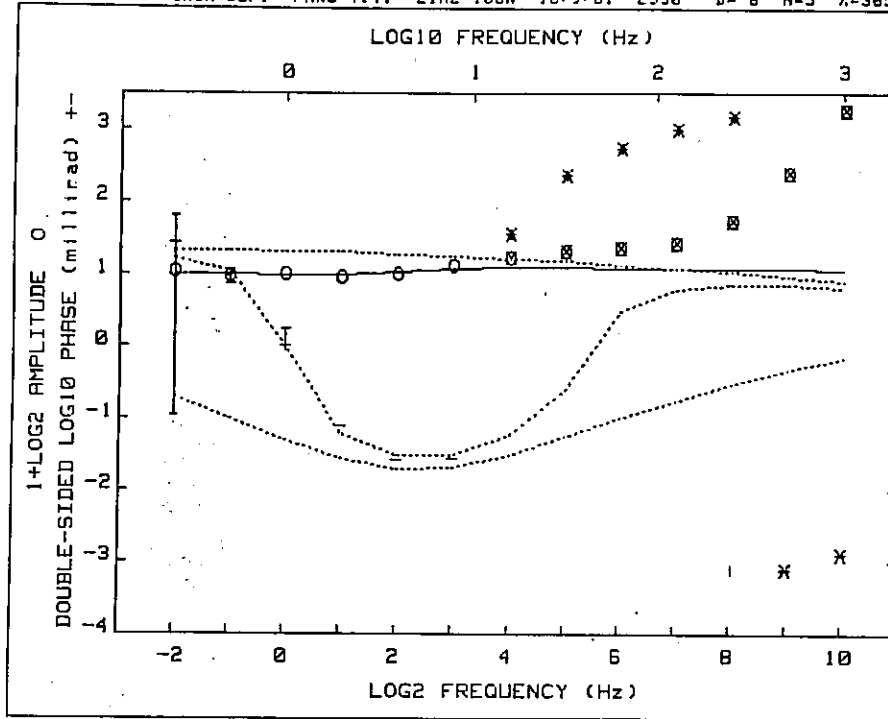
Pct Std Deviations 1.2 17.4 999.9 61.7

Correlation Matrix

1.000
.923 1.000
-.094 -.907 1.000
-.902 -.992 .959 1.000

Apparent Resistivity Measured at 1 Hz is 451.0
 Apparent Resistivity Calculated from Inductive Coupling is 1440

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.3371	1.0717	19.0	.0	0	1475.0	66.0	95.5	.0	0
9	.9965	1.0436	-4.7	.0	0	857.6	54.3	93.7	.0	0
8	.9209	1.0219	-10.0	.0	0	505.6	42.0	91.5	.0	0
7	.9593	1.0050	-4.8	.0	0	305.2	32.0	89.5	.1	0
6	1.0011	.9946	.7	.3	0	171.2	22.1	87.1	.4	0
5	1.0172	.9877	2.9	.1	0	81.7	13.2	83.0	1.0	0
4	1.0122	.9845	2.7	.1	0	29.0	5.4	81.4	1.4	0
3	1.0006	.9844	1.6	.1	0	9.1	1.3	85.2	0.0	0
2	.9901	.9870	.3	.1	1	6.9	7.0	-2.0	5.0	1
1	.9904	.9919	-.2	.2	1	11.6	11.7	-1.1	1.7	1
0	1.0000	.9986	.1	.4	1	14.9	15.4	-3.6	2.0	1
-1	1.0051	1.0060	-.2	.4	1	17.7	18.2	-3.1	2.0	1
-2	1.0136	1.0160	-.2	.2	1	21.4	20.2	5.6	38.0	1



CRL: Number of dispersions= 2 Negative.
 T1=1.2 C1=.25 C2=1 fixed

Iter	Lambda	Rchsq	RB	M1	M2	T2
0	1.E-02	.35266	1.190	.245	.875	2.6E-02
1	1.E-02	.15758	1.874	.149	.884	4.2E-02
2	1.E-03	.83371	1.895	.129	.879	2.2E-02
3	1.E-04	.81835	1.127	.194	.188	3.0E-02
4	1.E+01	.88955	1.133	.197	.188	3.0E-02
5	1.E+01	.88983	1.137	.199	.188	2.9E-02
6	1.E+02	.88898	1.137	.199	.188	2.9E-02

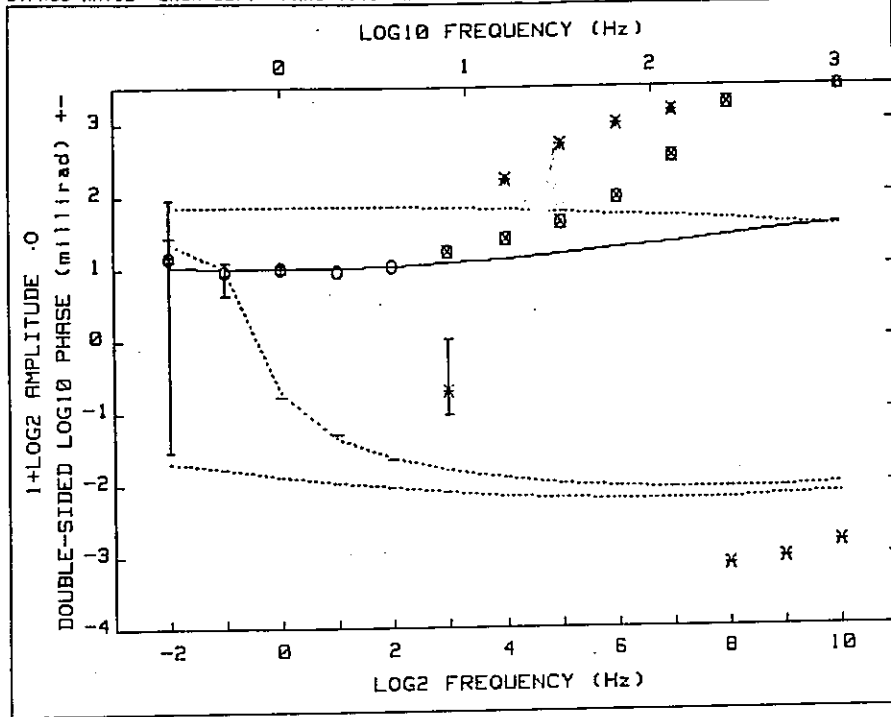
Pct Std Deviations 3.1 12.3 9.1 17.5

Correlation Matrix

	1.000
	.469 1.000
	.136 .298 1.000
	.191 .517 -.365 1.000

Apparent Resistivity Measured at 1 Hz is 341.6
 Apparent Resistivity Calculated from Inductive Coupling is 272.1

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	4.7295	1.8448	77.9	.8	0	-816.1	6.7	188.8	.8	0
9	2.6882	1.8483	59.7	.8	0	-1328.7	7.2	188.5	.8	0
8	1.6575	1.8523	36.5	.8	0	1438.4	7.2	99.5	.1	0
7	1.3475	1.8568	21.6	.1	0	977.7	6.2	99.4	.1	0
6	1.2729	1.8615	16.6	.5	0	537.1	3.1	99.4	1.2	0
5	1.2368	1.8658	13.8	.3	0	223.5	-4.1	181.8	1.7	0
4	1.1694	1.8633	9.1	.1	0	35.4	-17.5	149.5	4.5	0
3	1.8836	1.8471	3.4	.5	1	-37.8	-33.7	18.8	6.3	1
2	1.8858	1.8175	-1.2	.4	1	-48.8	-34.8	13.1	4.8	1
1	.9812	.9993	-1.8	.7	1	-13.1	-16.8	-28.1	8.4	1
0	1.8888	.9986	.1	1.7	1	.6	0.8	188.8	128.8	1
-1	.9935	1.8856	-1.2	1.6	1	9.8	11.4	-16.6	22.4	1
-2	1.8367	1.8149	2.1	1.8	1	27.5	16.9	38.7	133.1	1



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

Iter	Lambda	Rchsq	R0	M1	T2	C2
0	1.E-02	.12239	1.151	.191	2.7E-03	1.000
1	1.E-02	.04536	1.151	.183	3.0E-03	1.000
2	1.E-01	.02600	1.169	.233	2.5E-03	.870
3	1.E-02	.01251	1.230	.360	8.9E-04	.562
4	1.E-01	.01844	1.249	.374	7.6E-04	.530
5	1.E-01	.00933	1.258	.395	6.7E-04	.498
6	1.E-01	.00850	1.271	.421	6.0E-04	.465
7	1.E-01	.00778	1.285	.453	5.4E-04	.432
8	1.E-01	.00727	1.300	.491	5.1E-04	.397
9	1.E-01	.00697	1.313	.529	5.0E-04	.368

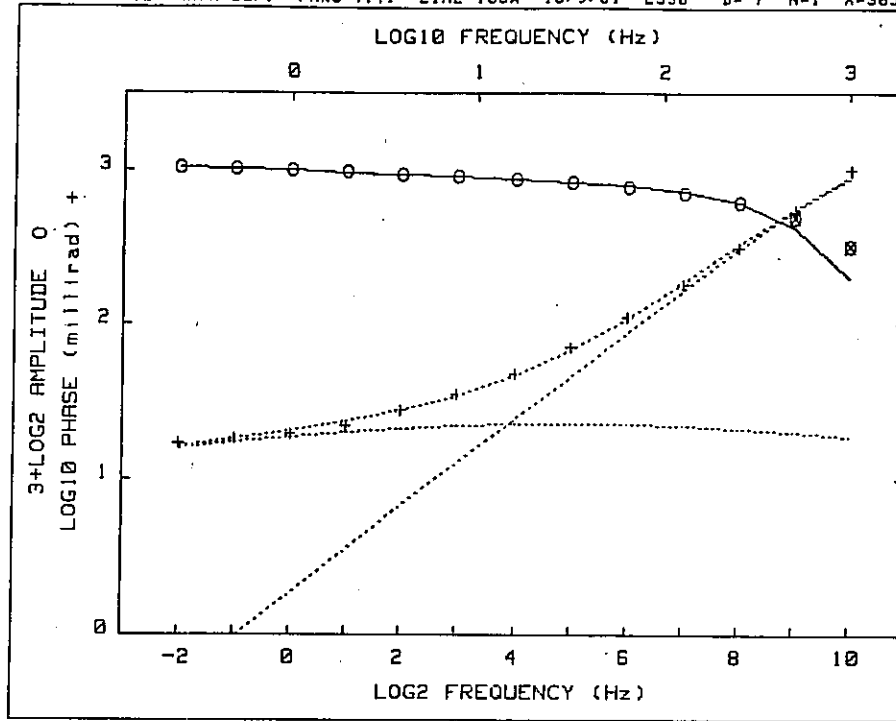
Pct Std Deviations 7.5 53.4 21.8 46.1

Correlation Matrix

1.000			
.926	1.000		
.486	.325	1.000	
-.893	-.986	-.166	1.000

Apparent Resistivity Measured at 1 Hz is 226.7
 Apparent Resistivity Calculated from Inductive Coupling is 12.98

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	5.6376	1.5811	73.4	.8	0	-297.4	-107.6	84.6	.0	0
9	8.6124	1.4250	83.5	.8	0	-1134.1	-116.4	89.7	.0	0
8	4.7800	1.3474	71.8	.8	0	-1407.1	-121.1	91.4	.0	0
7	2.9829	1.2718	56.2	.8	0	1434.7	-120.7	108.4	.0	0
6	1.9690	1.2021	38.9	.4	0	987.0	-114.4	111.6	1.0	0
5	1.5391	1.1413	25.0	.3	0	520.2	-102.4	119.7	.9	0
4	1.3168	1.0916	17.1	.3	0	178.1	-85.6	150.3	1.0	0
3	1.1636	1.0540	9.4	.9	0	-5.3	-65.7	-999.0	109.4	0
2	1.0249	1.0204	-.3	.8	1	-44.9	-44.5	.8	7.8	1
1	.9767	1.0140	-3.0	1.4	1	-21.1	-24.0	-13.0	10.0	1
0	1.0000	1.0093	-.9	3.1	1	-6.2	-5.5	11.2	48.4	1
-1	.9813	1.0120	-3.2	3.1	1	8.5	10.1	-10.4	49.4	1
-2	1.1143	1.0227	8.2	2.0	1	28.1	22.3	20.7	227.0	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00198	1.202	.211	2.1E+01	1.3E-04	.038
1	1.E-02	.00103	1.171	.194	1.9E+01	1.4E-04	.016
2	1.E-03	.00093	1.145	.177	8.1E+00	1.5E-04	.023
3	1.E-03	.00081	1.124	.166	3.1E+00	1.5E-04	.033
4	1.E-03	.00067	1.106	.160	1.1E+00	1.6E-04	.045
5	1.E-03	.00052	1.093	.158	3.9E-01	1.6E-04	.058
6	1.E-03	.00041	1.084	.162	1.6E-01	1.6E-04	.071
7	1.E-04	.00040	1.066	.174	2.1E-02	1.6E-04	.098
8	1.E-05	.00022	1.065	.198	9.6E-03	1.5E-04	.912
9	1.E-06	.00022	1.064	.203	7.9E-03	1.5E-04	.916

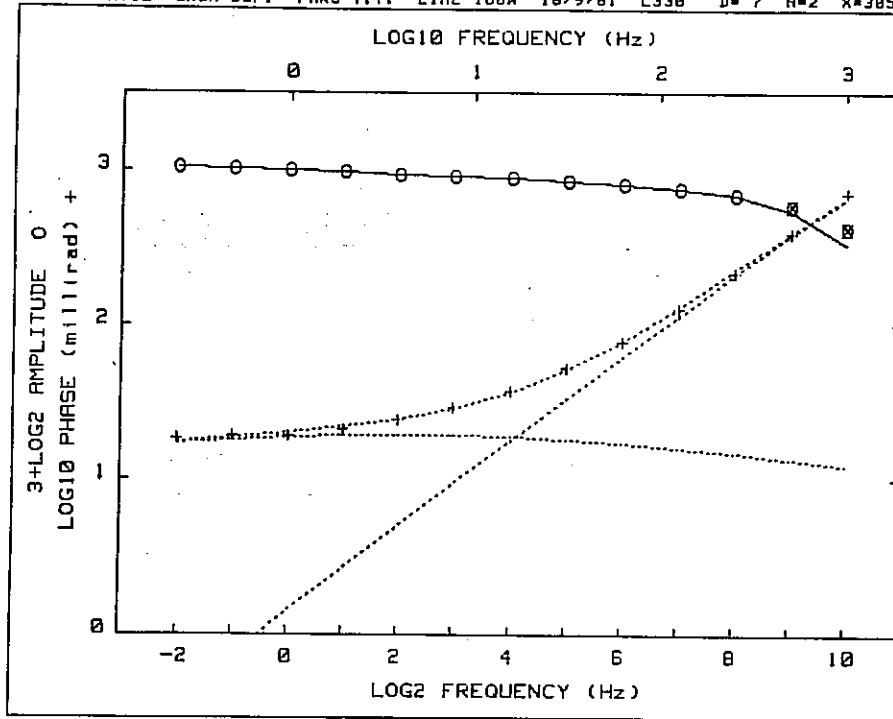
Pct Std Deviations .5 7.8 99.4 2.7 1.6

Correlation Matrix

1.000				
-.685	1.000			
.686	-.978	1.000		
.182	-.411	.484	1.000	
-.494	.754	-.686	.879	1.000

Apparent Resistivity Measured at 1 Hz is 1657
 Apparent Resistivity Calculated from Inductive Coupling is 345.9

F	ObsRmp	CalRmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7897	.5139	13.5	.1	0	984.3	986.5	7.9	.0	1
9	.8043	.7723	4.0	.0	0	540.7	559.4	-3.5	.1	1
8	.8592	.8615	-.3	.0	1	308.1	323.9	-5.1	.0	1
7	.8981	.9051	-.8	.1	1	188.3	185.3	-2.8	.0	1
6	.9248	.9287	-.4	.0	1	118.0	109.2	.7	.0	1
5	.9444	.9444	-.0	.0	1	78.4	68.3	2.9	.1	1
4	.9578	.9569	.1	.0	1	47.8	46.5	2.8	.2	1
3	.9704	.9679	.3	.0	1	34.9	34.5	1.0	.0	1
2	.9799	.9781	.2	.0	1	27.7	27.7	-.1	.4	1
1	.9917	.9875	.4	.0	1	22.2	23.5	-5.9	1.8	1
0	1.0000	.9963	.4	.0	1	19.7	28.6	-4.4	.0	1
-1	1.0054	1.0045	.1	.0	1	18.4	18.3	.7	.0	1
-2	1.0124	1.0119	.0	.1	1	17.1	16.3	4.5	2.3	1



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

Iter	Lambda	Rchaq	R0	M1	T1	T2	C2
0	1.E-02	.00021	1.064	.203	7.9E-03	1.5E-04	.916
1	1.E-02	.00028	1.067	.206	0.8E-03	9.7E-05	.924
2	1.E-03	.00018	1.071	.192	1.7E-02	9.9E-05	.926
3	1.E-04	.00014	1.077	.178	4.4E-02	9.9E-05	.906
4	1.E-05	.00013	1.000	.177	5.0E-02	9.9E-05	.901
5	1.E-06	.00013	1.000	.177	6.0E-02	9.9E-05	.900

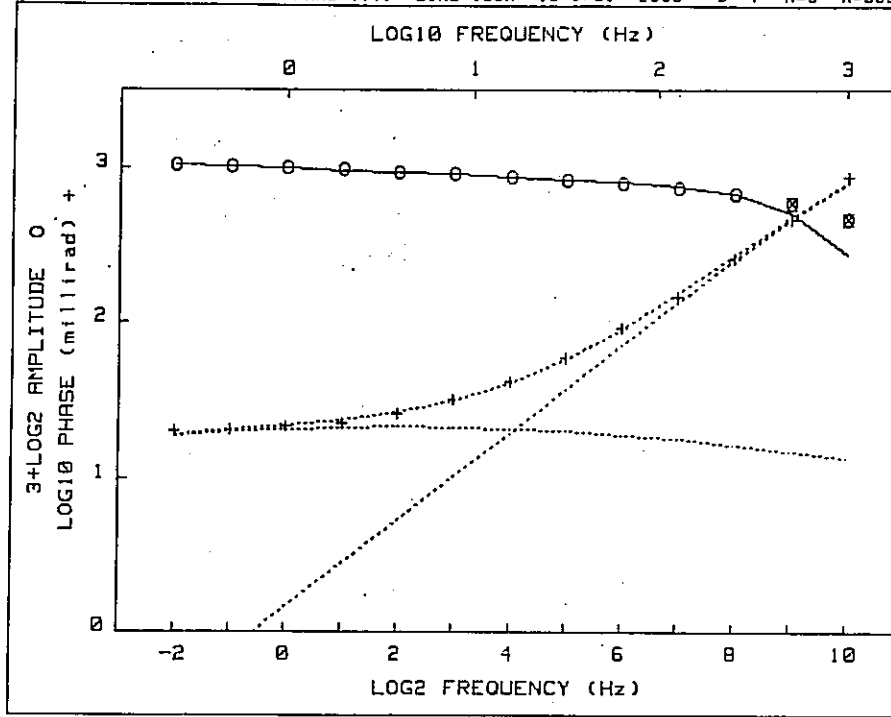
Pct Std Deviations .4 2.7 54.8 2.1 1.4

Correlation Matrix

1.000				
-.560	1.000			
.784	-.871	1.000		
-.133	.185	-.094	1.000	
-.539	.792	-.707	.534	1.000

Apparent Resistivity Measured at 1 Hz is 2004
 Apparent Resistivity Calculated from Inductive Coupling is 1325

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.7702	.7170	6.9	.0	0	695.6	662.8	4.7	.0	1
9	.8479	.8324	1.8	.0	0	389.2	394.0	-1.2	.1	1
8	.8099	.8912	-1.1	.0	1	217.9	226.1	-3.7	.1	1
7	.9163	.9207	-.5	.0	1	126.7	130.5	-3.0	.0	1
6	.9357	.9300	-.2	.0	1	78.7	78.6	.2	.4	1
5	.9499	.9502	-.0	.0	1	52.2	50.9	2.6	.2	1
4	.9611	.9685	.1	.0	1	37.2	36.2	2.6	.3	1
3	.9712	.9700	.1	.0	1	29.1	28.5	2.0	.3	1
2	.9806	.9792	.1	.0	1	24.2	24.3	-.5	.4	1
1	.9913	.9881	.3	.0	1	20.9	21.9	-4.6	1.0	1
0	1.0000	.9960	.3	.0	1	19.3	20.2	-4.6	.0	1
-1	1.0054	1.0052	.0	.0	1	19.1	18.0	1.4	.0	1
-2	1.0124	1.0133	-.1	.0	1	18.2	17.6	3.5	.5	1



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

Iter	Lambda	Rchsq	R8	M1	T1	T2	C2
0	1.E-02	.80231	1.000	.177	6.8E-02	9.9E-05	.980
1	1.E-02	.80010	1.000	.193	6.8E-02	1.2E-04	.923
2	1.E-03	.80010	1.009	.193	6.1E-02	1.2E-04	.925

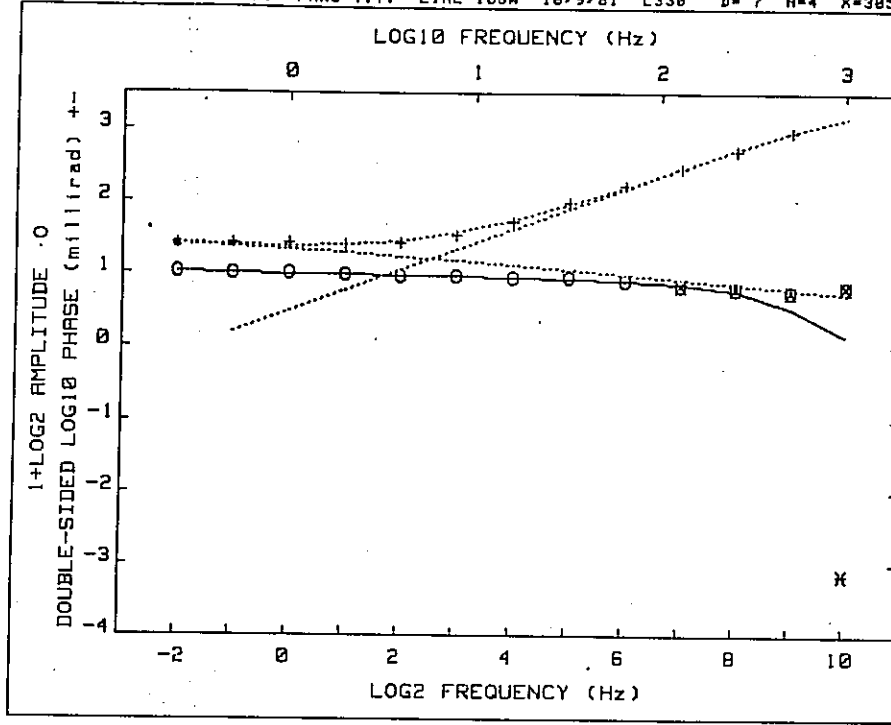
Pct Std Deviations .5 3.1 67.4 2.3 1.5

Correlation Matrix

1.000					
-.568	1.000				
.805	-.865	1.000			
-.096	.012	-.025	1.000		
-.547	.773	-.698	.461	1.000	

Apparent Resistivity Measured at 1 Hz is 1589
 Apparent Resistivity Calculated from Inductive Coupling is 2192

F	ObsAmp	CalAmp	PctDif	ASD%	Nts	ObsPhz	CalPhz	PctDif	PSD%	Nts
10	.7941	.8799	14.4	.0	0	858.0	797.0	7.1	.0	1
9	.8482	.8156	3.8	.1	0	459.8	473.9	-3.1	.0	1
8	.8836	.8848	-.0	.1	1	254.3	268.2	-5.5	.1	1
7	.9185	.9163	-.6	.1	1	147.7	152.0	-2.9	.0	1
6	.9318	.9342	-.4	.0	1	90.9	89.6	1.4	.2	1
5	.9469	.9469	.0	.0	1	59.0	57.0	3.4	.2	1
4	.9583	.9576	.1	.0	1	41.2	48.1	2.7	.2	1
3	.9693	.9677	.2	.0	1	31.8	31.3	1.5	.0	1
2	.9791	.9776	.2	.0	1	26.2	26.6	-1.7	.4	1
1	.9981	.9873	.3	.0	1	22.7	23.9	-5.5	.9	1
0	1.0000	.9969	.3	.0	1	21.0	22.1	-1.5	.0	1
-1	1.0064	1.0061	.0	.0	1	20.5	20.7	-.0	.0	1
-2	1.0153	1.0150	.0	.0	1	20.1	19.3	4.1	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	.84836	1.098	.193	6.1E-02	7.2E-04	.925
1	1.E-02	.88376	1.112	.248	7.8E-02	2.4E-04	.936
2	1.E-03	.88895	1.131	.197	5.8E-01	3.8E-04	.991
3	1.E-03	.88858	1.157	.211	1.8E+00	2.8E-04	.974
4	1.E-03	.88837	1.184	.224	4.4E+00	2.8E-04	.963
5	1.E-03	.88832	1.204	.234	7.9E+00	2.7E-04	.957
6	1.E-04	.88838	1.263	.263	4.8E+01	2.5E-04	.937
7	1.E-05	.88826	1.311	.289	8.8E+01	2.4E-04	.932
8	1.E-06	.88825	1.311	.288	7.5E+01	2.4E-04	.933
9	1.E-07	.88825	1.314	.289	7.8E+01	2.4E-04	.932

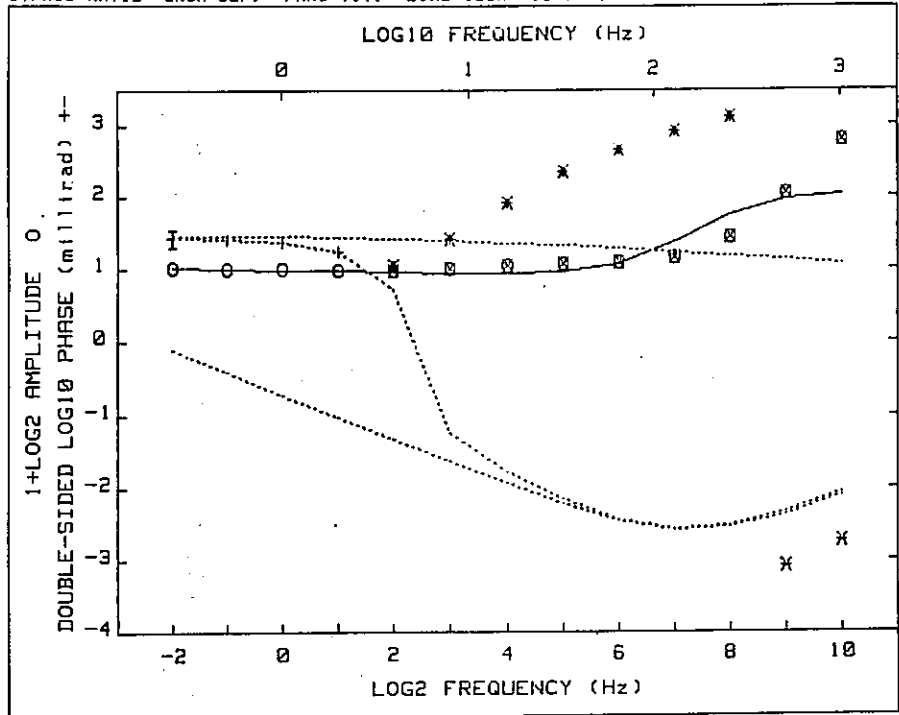
Pct Std Deviations 7.8 18.6 410.1 11.2 2.2

Correlation Matrix

1.000					
.998	1.000				
.996	.995	1.000			
-.966	-.963	-.966	1.000		
-.815	-.881	-.832	.895	1.000	

Apparent Resistivity Measured at 1 Hz is 975.2
 Apparent Resistivity Calculated from Inductive Coupling is 1881

F	ObsAmp	CalAmp	PctDif	ASD%	Mts	ObsPhz	CalPhz	PctDif	PSD%	Mts
10	.8791	.5571	36.6	.1	0	-1441.5	1463.8	281.5	.1	0
9	.8442	.7247	14.2	.0	0	932.6	931.2	.1	.0	1
8	.8616	.8498	1.5	.0	0	515.2	538.5	-4.5	.0	1
7	.8992	.9115	-1.4	.0	0	295.7	296.8	-.4	.0	1
6	.9352	.9481	-.5	.1	1	171.8	162.6	4.9	.2	1
5	.9574	.9549	.3	.0	1	97.4	91.6	6.0	.3	1
4	.9676	.9646	.3	.0	1	54.1	55.1	-1.8	.2	1
3	.9729	.9726	.0	.0	1	34.5	36.9	-6.9	.6	1
2	.9773	.9885	-.3	.0	1	27.1	28.5	-5.0	.4	1
1	.9897	.9888	.1	.1	1	25.8	25.2	2.5	1.9	1
0	1.0000	.9979	.2	.1	1	25.9	24.6	5.2	.4	1
-1	1.0084	1.0081	.0	.1	1	25.9	25.4	2.1	.4	1
-2	1.0185	1.0194	-.1	.1	1	25.9	26.8	-3.6	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	.03068	1.292	.372	9.7E-04
1	1.E-02	.00055	1.178	.269	7.9E-04
2	1.E-03	.00003	1.188	.268	7.1E-04
3	1.E-04	.00003	1.188	.268	7.0E-04
4	1.E-05	.00003	1.188	.268	7.0E-04

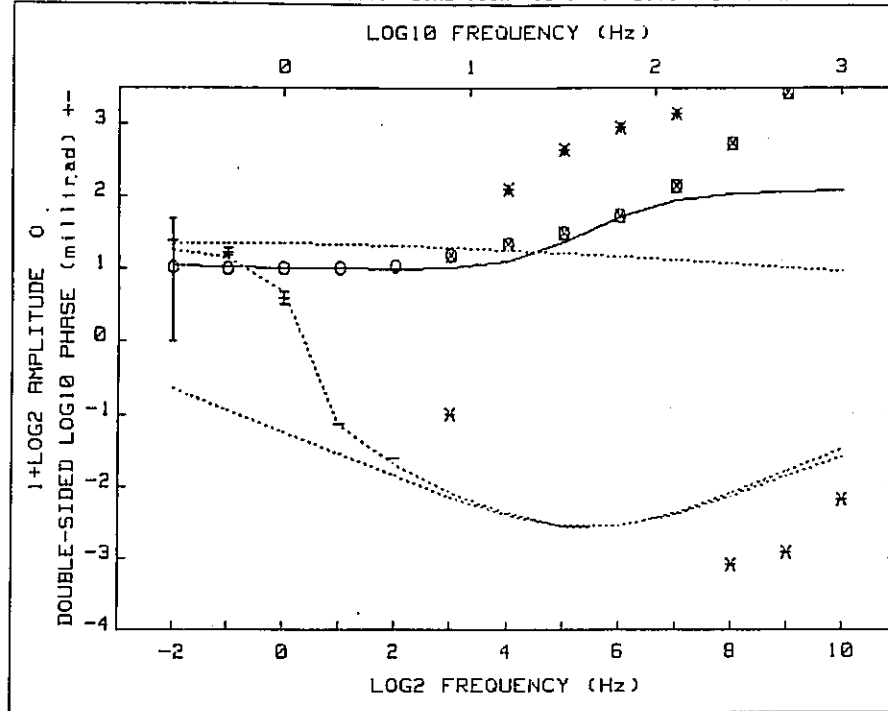
Pct Std Deviations .2 .8 3.8

Correlation Matrix

	1.000		
	.688	1.000	
	.511	.839	1.000

Apparent Resistivity Measured at 1 Hz is 437.0
 Apparent Resistivity Calculated from Inductive Coupling is 1136

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	3.4488	2.8349	48.3	.8	0	-575.5	-117.5	79.6	.1	0
9	2.8793	1.9532	5.7	.8	0	-1268.8	-221.2	82.6	.8	0
8	1.3617	1.5844	-23.7	.8	0	1335.6	-348.8	126.1	.0	0
7	1.1152	1.3873	-17.2	.1	0	847.7	-385.4	145.5	.0	0
6	1.0766	1.8613	.9	.2	0	468.8	-278.3	159.4	.3	0
5	1.0667	.9755	8.0	.1	0	223.5	-147.8	166.1	.3	0
4	1.0432	.9598	8.1	.1	0	85.5	-63.6	174.4	.4	0
3	1.0122	.9631	4.9	.1	0	25.9	-18.2	178.3	4.6	0
2	.9871	.9731	1.4	.1	0	11.6	5.3	54.2	1.7	0
1	.9986	.9858	.6	.1	1	17.5	17.5	-.2	2.3	1
0	1.0000	.9979	.2	.2	1	24.8	23.9	.4	1.3	1
-1	1.0091	1.0113	-.2	.3	1	27.2	27.1	.3	2.2	1
-2	1.0193	1.0251	-.6	.4	1	28.5	28.6	-.2	28.1	1



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

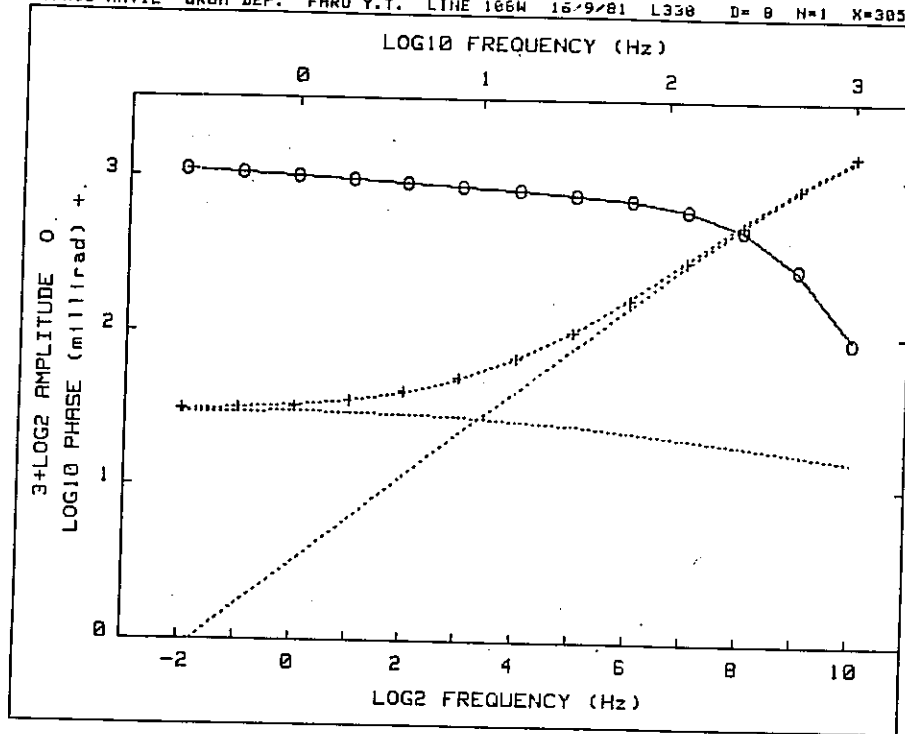
Iter	Lambda	Rchsqr	RB	M1	T2
0	1.E-02	.14856	1.190	.260	2.0E-03
1	1.E-02	.03748	1.129	.186	1.7E-03
2	1.E-03	.08782	1.149	.196	2.2E-03
3	1.E-04	.08611	1.158	.209	2.5E-03
4	1.E-05	.08609	1.160	.210	2.5E-03

Pct Std Deviations 2.6 7.0 8.4

Correlation Matrix		1.000		
		.372	1.000	
		.326	.882	1.000

Apparent Resistivity Measured at 1 Hz is 443.5
 Apparent Resistivity Calculated from Inductive Coupling is 442.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	8.4485	2.8956	75.2	.0	0	-156.1	-38.4	88.5	.3	0
9	5.3789	2.8895	61.1	.0	0	-828.3	-63.7	92.3	.0	0
8	3.3232	2.8561	38.1	.0	0	-1278.2	-127.6	90.0	.0	0
7	2.2132	1.9343	12.6	.0	0	1415.1	-235.4	116.6	.1	0
6	1.6546	1.6396	.9	.3	0	889.6	-352.2	139.6	.4	0
5	1.4846	1.2787	9.0	.1	0	428.8	-358.0	183.5	.7	0
4	1.2668	1.8722	15.3	.0	0	127.1	-248.5	289.3	.9	0
3	1.1327	1.8867	11.1	.3	0	-18.5	-123.2	-999.0	32.4	0
2	1.0261	.9959	2.9	.2	1	-48.9	-51.9	-27.0	3.2	1
1	1.0016	1.0000	.1	.4	1	-13.8	-14.4	-4.2	7.2	1
0	1.0000	1.0000	-1.0	.7	1	4.0	4.7	-18.2	20.0	1
-1	1.0126	1.0203	-.8	1.2	1	17.3	14.3	17.3	11.0	1
-2	1.0175	1.0311	-1.3	1.2	1	25.6	19.8	25.9	183.1	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.88922	1.320	.289	7.8E+01	2.4E-04	.932
1	1.E-02	.88893	1.327	.389	4.2E+01	2.2E-04	.840
2	1.E-03	.88842	1.245	.276	7.1E+00	2.4E-04	.864
3	1.E-04	.88827	1.169	.251	6.2E-01	2.5E-04	.906
4	1.E-05	.88818	1.161	.263	2.6E-01	2.5E-04	.918
5	1.E-06	.88810	1.166	.264	3.2E-01	2.5E-04	.915
6	1.E-07	.88810	1.165	.264	3.1E-01	2.5E-04	.916

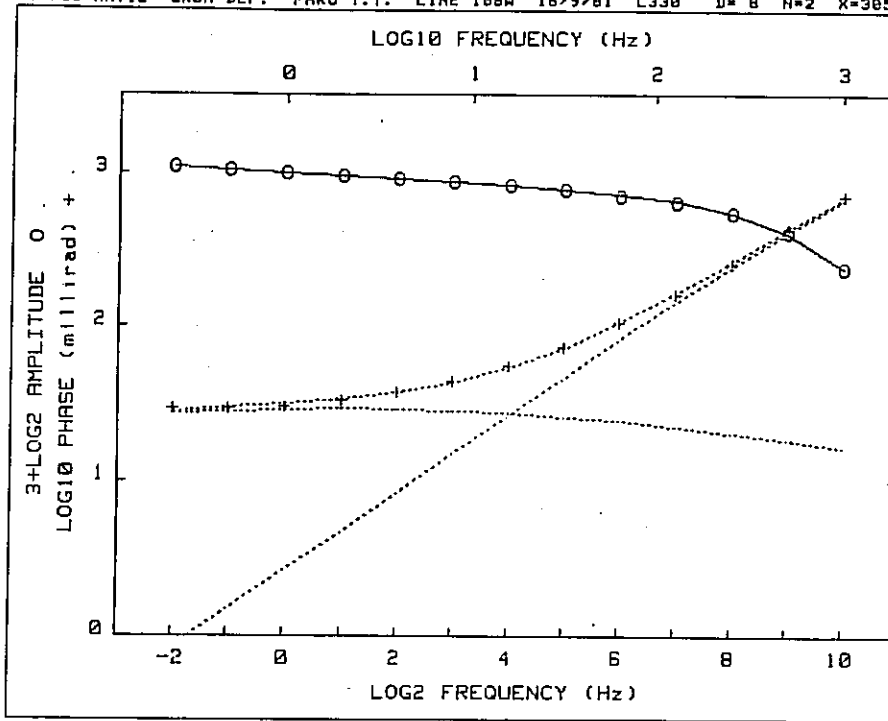
Pct Std Deviations .8 1.8 51.8 1.4 .8

Correlation Matrix

1.000				
-.210	1.000			
.948	-.379	1.000		
-.243	.867	-.238	1.000	
-.698	.457	-.686	.668	1.000

Apparent Resistivity Measured at 1 Hz is 1005
 Apparent Resistivity Calculated from Inductive Coupling is 212.3

F	ObsAmp	CalAmp	PctDif	RSD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.4871	.4944	-1.5	.8	1	1426.2	1365.8	4.2	.8	1
9	.6728	.6666	.9	.8	1	872.9	886.2	-1.5	.8	1
8	.7985	.7979	.1	.8	1	518.1	527.5	-3.4	.8	1
7	.8663	.8688	-.3	.8	1	292.0	301.1	-3.1	.8	1
6	.9823	.9849	-.3	.8	1	178.1	173.1	-1.8	.8	1
5	.9254	.9263	-.1	.8	1	184.3	184.4	-.1	.8	1
4	.9432	.9424	.1	.8	1	69.8	68.6	.6	.8	1
3	.9583	.9566	.2	.8	1	58.9	58.3	1.3	.8	1
2	.9719	.9783	-.2	.8	1	41.1	41.8	-.3	.8	1
1	.9863	.9841	.2	.8	1	36.8	36.2	-.6	.8	1
0	1.0888	.9981	.2	.8	1	32.8	33.6	-2.5	.8	1
-1	1.0146	1.0121	.2	.8	1	32.1	31.9	.6	.8	1
-2	1.0268	1.0259	.1	.8	1	31.7	30.5	3.9	.8	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.03049	1.165	.264	3.1E-01	2.5E-04	.916
1	1.E-02	.00079	1.154	.242	3.1E-01	1.0E-04	.783
2	1.E-03	.00010	1.153	.251	2.5E-01	9.2E-05	.790
3	1.E-04	.00010	1.145	.253	1.6E-01	9.3E-05	.809
4	1.E-05	.00009	1.143	.254	1.5E-01	9.3E-05	.811

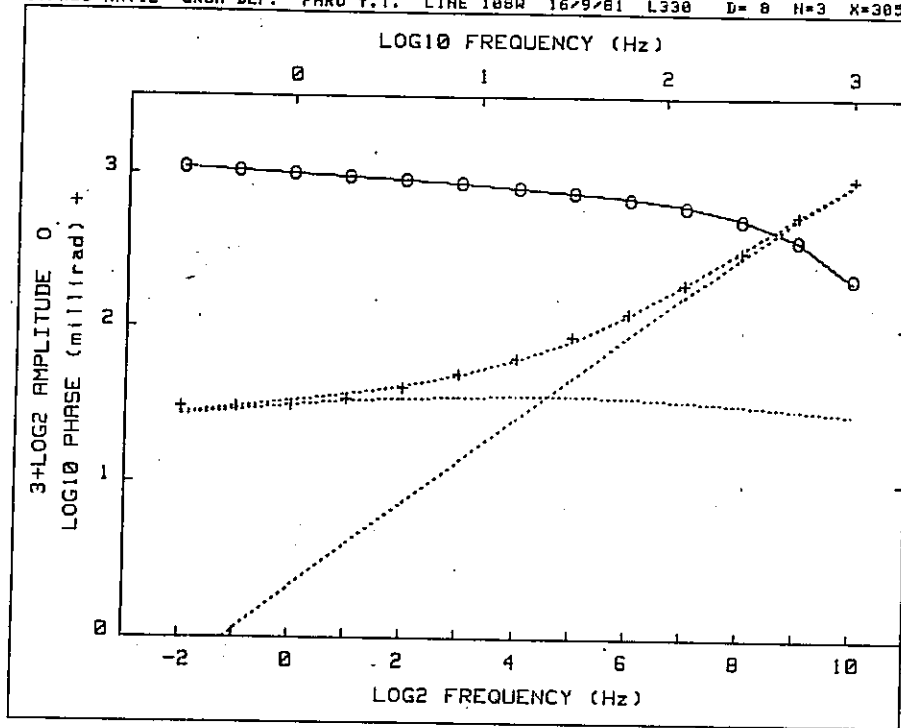
Pct Std Deviations .6 1.4 44.0 2.0 1.1

Correlation Matrix

	1.000				
	-.437	1.000			
	.913	-.659	1.000		
	-.199	.061	-.159	1.000	
	-.614	.692	-.662	.621	1.000

Apparent Resistivity Measured at 1 Hz is 1311
 Apparent Resistivity Calculated from Inductive Coupling is 979.5

F	ObsAmp	CalAmp	PctDif	ASDX	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6509	.6481	-.4	.0	1	782.4	685.3	2.4	.8	1
9	.7640	.7618	-.4	.0	1	431.3	431.8	.1	.0	1
8	.8314	.8338	-.2	.0	1	259.6	264.9	-2.1	.0	1
7	.8728	.8768	-.5	.0	1	161.8	163.9	-1.3	.0	1
6	.9810	.9853	-.5	0.0	1	185.2	185.1	.1	.2	1
5	.9235	.9259	-.3	.0	1	73.4	71.8	2.2	.1	1
4	.9417	.9426	-.1	.0	1	54.6	53.2	2.6	.2	1
3	.9589	.9576	.1	.0	1	44.0	42.9	2.6	.2	1
2	.9738	.9718	.2	.0	1	37.0	37.1	-.3	.0	1
1	.9873	.9857	.2	.0	1	32.6	33.7	-3.5	.0	1
0	1.0000	.9993	.1	.0	1	29.9	31.5	-5.3	.0	1
-1	1.0128	1.0126	.0	.0	1	29.4	29.7	-1.0	.0	1
-2	1.0268	1.0253	.0	.0	1	29.4	28.0	4.7	.5	1



CRL: Number of dispersions= 2
C1=.25 H2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00328	1.143	.254	1.5E-01	9.3E-05	.811
1	1.E-02	.00044	1.154	.271	1.3E-01	1.2E-04	.841
2	1.E-03	.00036	1.143	.278	7.0E-02	1.2E-04	.856
3	1.E-04	.00032	1.138	.291	2.9E-02	1.2E-04	.870
4	1.E-05	.00030	1.127	.301	2.1E-02	1.2E-04	.875
5	1.E-06	.00030	1.126	.304	1.9E-02	1.2E-04	.877

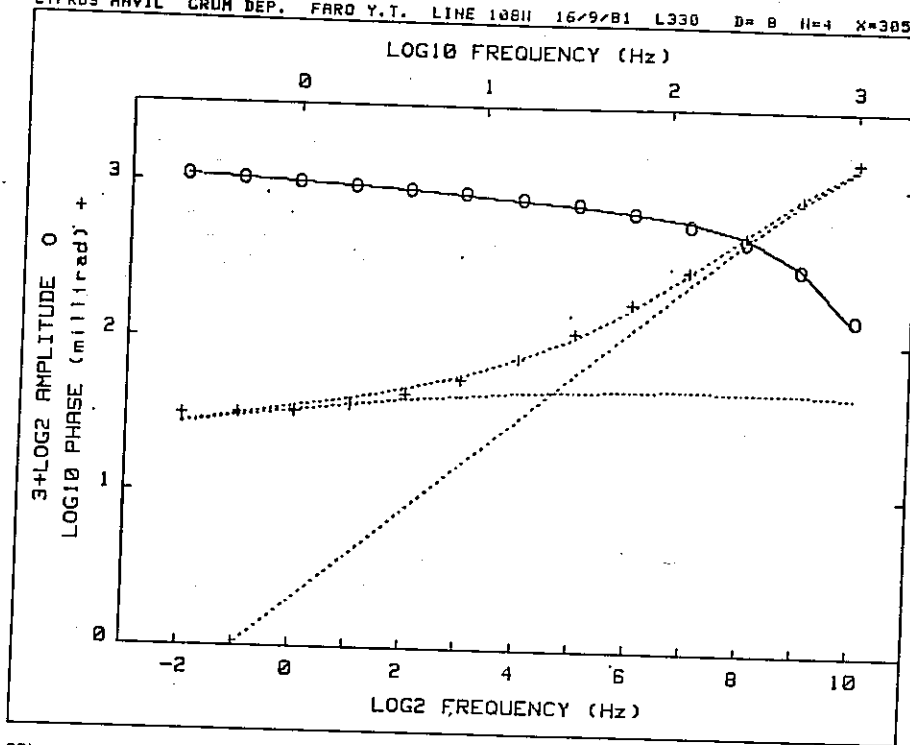
Pct Std Deviations .7 4.5 71.8 3.3 1.6

Correlation Matrix

1.000					
-.642	1.000				
.810	-.921	1.000			
.850	-.209	.189	1.000		
-.497	.595	-.511	.485	1.000	

Apparent Resistivity Measured at 1 Hz is 1300
Apparent Resistivity Calculated from Inductive Coupling is 1820

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.6293	.5181	1.8	.8	1	916.6	888.7	3.8	.8	1
9	.7446	.7448	-.8	.8	1	538.6	545.1	-1.2	.8	1
8	.8146	.8226	-1.8	.8	1	319.8	323.6	-1.4	.8	1
7	.8599	.8675	-.9	.8	1	195.9	194.8	1.8	.8	1
6	.8919	.8964	-.5	.8	1	125.5	121.9	2.9	.2	1
5	.9172	.9183	-.1	.8	1	86.9	82.6	5.8	.2	1
4	.9383	.9378	.1	.8	1	63.4	61.1	3.6	.2	1
3	.9575	.9542	.3	.8	1	49.6	49.1	1.8	.2	1
2	.9735	.9785	-.3	.8	1	48.4	41.9	-3.8	.2	1
1	.9879	.9868	.2	.8	1	34.5	37.2	-7.9	.8	1
0	1.0000	1.0000	-.1	.8	1	31.4	33.7	-7.3	.8	1
-1	1.0137	1.0148	-.1	.8	1	38.4	38.7	-.9	.8	1
-2	1.0278	1.0278	-.1	.8	1	38.6	27.9	8.9	.9	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00001	1.100	.484	5.9E-04	2.1E-04	.959
1	1.E-02	.00075	1.102	.469	6.9E-04	2.1E-04	.961
2	1.E-03	.00066	1.107	.425	1.4E-03	2.1E-04	.961
3	1.E-04	.00063	1.113	.395	2.6E-03	2.1E-04	.960
4	1.E-05	.00062	1.115	.388	3.1E-03	2.1E-04	.959

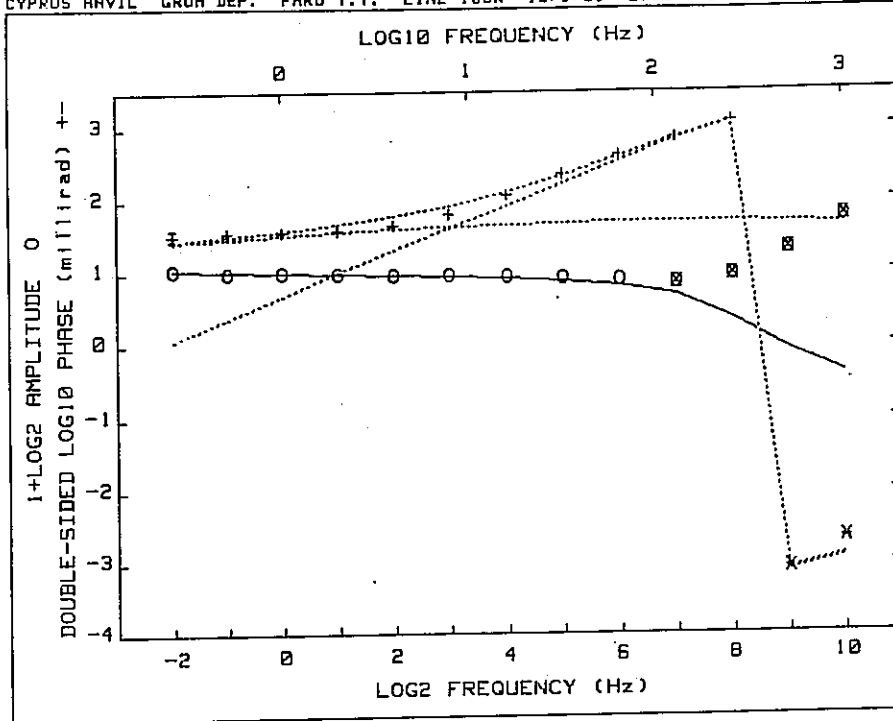
Pct Std Deviations .8 8.2 94.2 4.1 1.6

Correlation Matrix

1.000				
-.588	1.000			
.687	-.964	1.000		
.037	-.258	.248	1.000	
-.331	.194	-.144	.654	1.000

Apparent Resistivity Measured at 1 Hz is 900.6
 Apparent Resistivity Calculated from Inductive Coupling is 2298

F	ObsAmp	CalAmp	PctDif	ASD%	Mts	ObsPhz	CalPhz	PctDif	PSD%	Mts
10	.5595	.5468	2.3	.1	1	1478.3	1380.9	6.1	.0	1
9	.6977	.7010	-.6	.1	1	843.2	861.6	-2.2	.0	1
8	.7882	.8051	-2.1	.0	1	487.4	495.1	-1.6	.0	1
7	.8456	.8576	-1.4	.0	1	288.1	288.9	2.5	.0	1
6	.8853	.8879	-.3	.1	1	175.3	166.5	5.0	.2	1
5	.9151	.9189	.5	.1	1	113.0	106.8	5.4	.3	1
4	.9379	.9312	.7	.0	1	76.0	75.4	.8	.1	1
3	.9569	.9503	.7	.0	1	55.5	58.1	-4.7	.4	1
2	.9722	.9683	.4	.0	1	43.7	47.8	-9.4	.2	1
1	.9868	.9852	.2	.0	1	37.0	40.9	-10.6	.0	1
0	1.0000	1.0009	-.1	.1	1	33.2	35.8	-7.8	.3	1
-1	1.0120	1.0152	-.2	.1	1	32.1	31.5	1.7	.3	1
-2	1.0270	1.0282	-.0	.0	1	31.7	27.8	12.2	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	.08561	1.118	.388	3.1E-03	6.2E-04	.959
1	1.E-01	.08493	1.133	.415	3.2E-03	7.0E-04	1.000
2	1.E+00	.08448	1.134	.406	3.2E-03	7.0E-04	1.000
3	1.E+00	.08421	1.133	.402	3.2E-03	7.0E-04	1.000
4	1.E+00	.08413	1.132	.399	3.2E-03	7.0E-04	1.000
5	1.E+00	.08408	1.132	.398	3.2E-03	7.0E-04	1.000

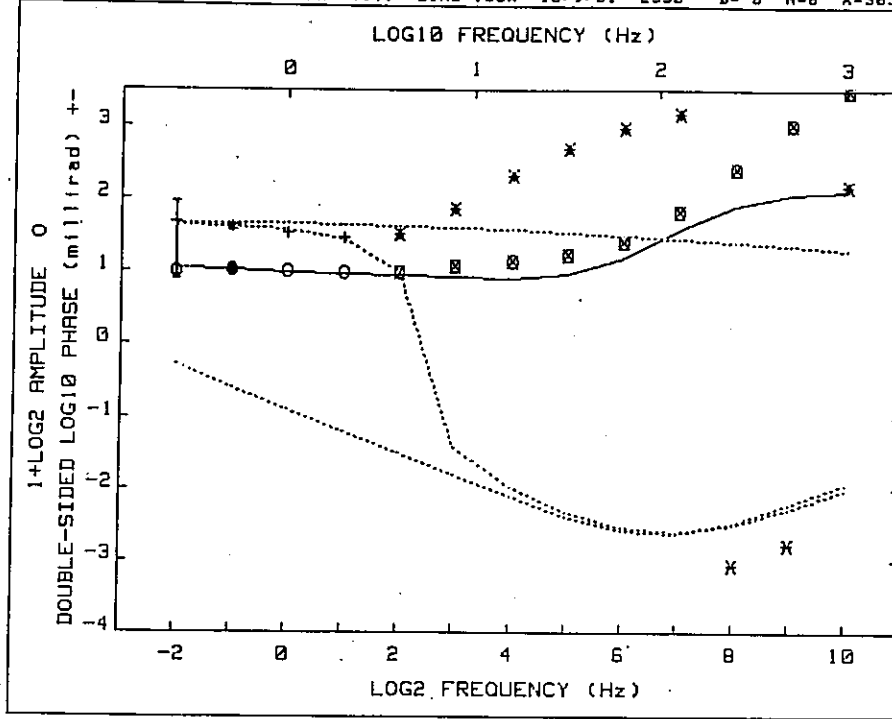
Pct Std Deviations 3.2 94.2 999.9 16.3 8.5

Correlation Matrix

1.000				
-.772	1.000			
.017	-.992	1.000		
.446	-.711	.693	1.000	
-.588	.763	-.728	-.315	1.000

Apparent Resistivity Measured at 1 Hz is 510.1
 Apparent Resistivity Calculated from Inductive Coupling is 1127

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.7082	.3775	77.8	.8	0	-484.3	-822.6	-69.9	.8	0
9	1.2511	.4712	62.3	.8	0	-1274.8	-1341.5	-5.3	.8	0
8	.9848	.6448	34.6	.8	0	1217.8	1217.6	.8	.8	1
7	.9124	.8838	12.8	.1	0	728.7	728.1	1.2	.1	1
6	.9279	.8835	4.8	.2	1	413.8	397.0	4.1	.5	1
5	.9537	.9194	3.6	.1	1	224.1	221.3	1.2	.3	1
4	.9692	.9418	2.8	.1	1	117.8	131.7	-11.8	.4	1
3	.9741	.9689	1.4	.1	1	65.6	85.9	-31.0	.9	1
2	.9731	.9798	-.6	.1	1	45.7	61.9	-35.4	.7	1
1	.9875	.9962	-.9	.1	1	39.2	48.3	-23.2	.8	1
0	1.8888	1.8123	-1.2	.1	1	37.8	39.9	-5.5	.8	1
-1	1.8116	1.8271	-1.5	.4	1	38.8	34.8	18.5	1.8	1
-2	1.8365	1.8487	-.4	.2	1	34.9	29.4	15.6	16.6	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	.19289	1.588	.711	8.8E-04
1	1.E-02	.83316	1.155	.488	1.8E-03
2	1.E-03	.88149	1.292	.372	9.7E-04
3	1.E-04	.88149	1.292	.372	9.7E-04

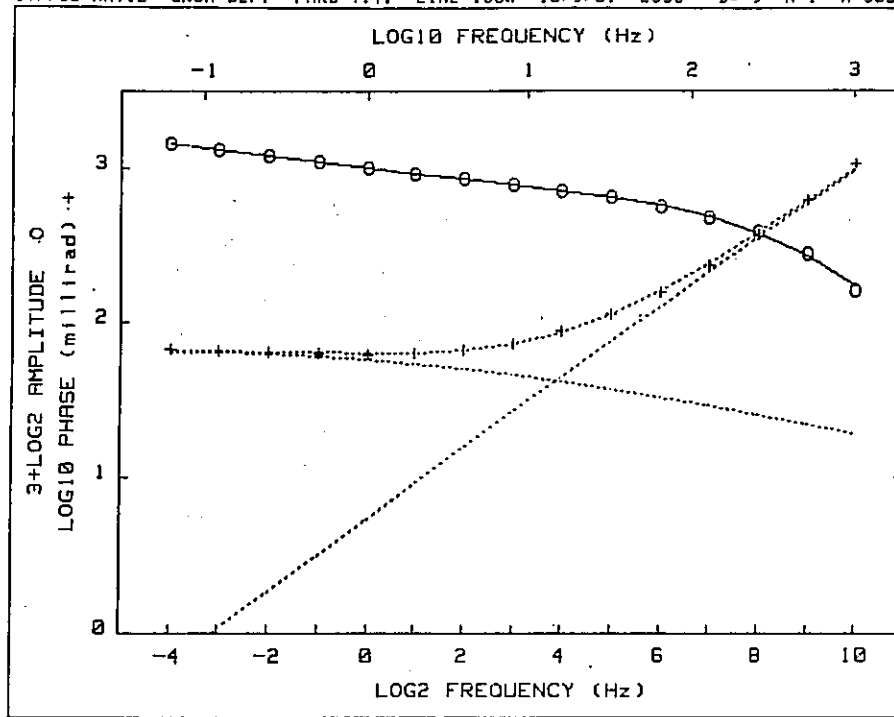
Pct Std Deviations 2.8 5.4 38.1

Correlation Matrix

1.000		
.742	1.000	
.628	.835	1.000

Apparent Resistivity Measured at 1 Hz is 255.9
 Apparent Resistivity Calculated from Inductive Coupling is 1136

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	5.5219	2.1254	61.5	.8	0	144.2	-87.3	160.5	.1	0
9	4.0536	2.8679	49.8	.8	0	-618.7	-173.3	72.8	.8	0
8	2.6558	1.8768	29.3	.8	0	-1182.5	-386.8	74.1	.8	0
7	1.7622	1.4987	15.8	.8	0	1433.8	-413.1	128.8	.1	0
6	1.3285	1.1421	14.8	.5	0	984.9	-366.4	148.5	.3	0
5	1.1683	.9793	16.2	.1	0	473.5	-217.5	145.9	.3	0
4	1.1018	.9488	14.6	.4	0	284.5	-96.1	147.8	.7	0
3	1.0488	.9429	10.1	.3	0	73.1	-26.7	136.5	2.5	0
2	.9868	.9578	2.9	.8	0	32.8	9.5	78.9	2.8	0
1	.9949	.9764	1.9	.3	1	29.1	28.1	3.4	3.1	1
0	1.0888	.9965	.3	.5	1	33.7	37.6	-11.5	3.9	1
-1	1.8235	1.8175	.6	3.2	1	41.3	42.2	-2.1	7.3	1
-2	1.8181	1.8398	-2.9	4.6	1	49.3	44.8	18.8	83.8	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.01728	1.300	.510	1.0E+00	1.0E-04	1.000
1	1.E-02	.00057	1.420	.401	1.2E+00	8.5E-05	.002
2	1.E-03	.00019	1.404	.466	3.9E+00	8.6E-05	.757
3	1.E-04	.00013	1.540	.400	9.0E+00	8.0E-05	.740
4	1.E-05	.00012	1.560	.404	9.7E+00	7.9E-05	.737
5	1.E-06	.00012	1.560	.404	9.7E+00	7.9E-05	.737

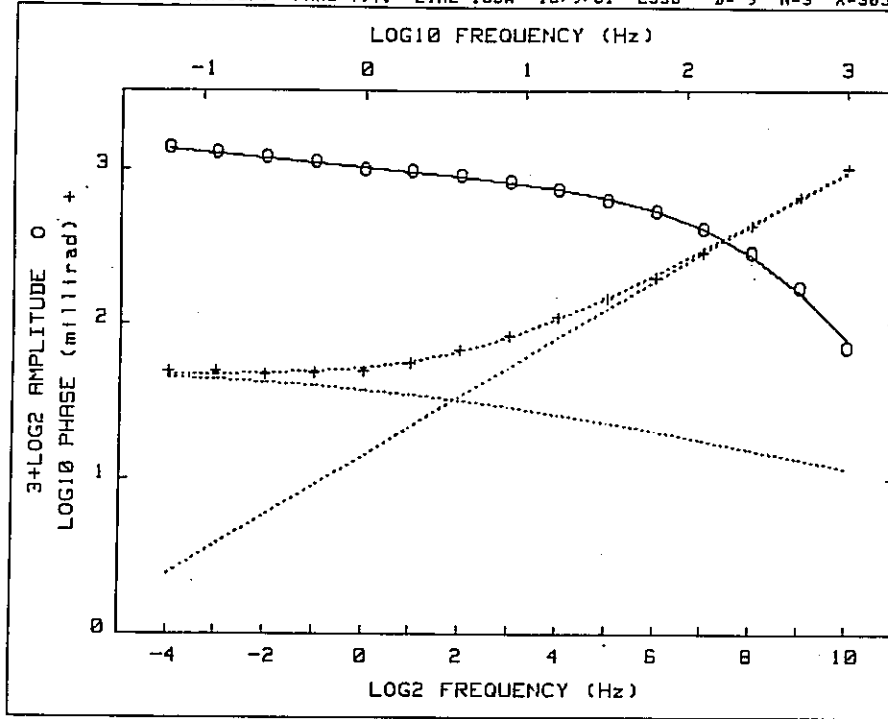
Pct Std Deviations 1.9 1.3 40.3 4.1 1.4

Correlation Matrix

1.000				
.931	1.000			
.976	.859	1.000		
-.814	-.769	-.782	1.000	
-.810	-.636	-.824	.879	1.000

Apparent Resistivity Measured at 1 Hz is 621.3
 Apparent Resistivity Calculated from Inductive Coupling is 306.4

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5777	.5078	-1.7	.0	1	1030.8	964.9	6.4	.0	1
9	.6884	.6713	1.3	.0	1	686.6	687.8	-.2	.0	1
8	.7488	.7450	.5	.0	1	366.7	380.3	-3.7	.0	1
7	.7993	.8007	-.2	.0	1	233.0	241.9	-3.8	.0	1
6	.8390	.8417	-.3	.0	1	157.1	159.9	-1.8	.1	1
5	.8713	.8732	-.2	.0	1	112.3	112.5	-.2	.0	1
4	.9000	.8997	.0	.0	1	87.8	86.0	2.0	.0	1
3	.9250	.9239	.1	.0	1	73.0	72.1	1.2	.1	1
2	.9495	.9479	.2	.0	1	66.4	65.6	1.2	.2	1
1	.9741	.9726	.2	.0	1	62.6	63.2	-1.0	.0	1
0	1.0000	.9987	.1	.0	1	61.7	63.1	-2.3	.0	1
-1	1.0274	1.0266	.1	.0	1	63.1	63.9	-1.3	.0	1
-2	1.0551	1.0562	-.1	.0	1	64.7	65.0	-.4	.0	1
-3	1.0867	1.0875	-.1	.0	1	66.6	65.7	1.4	.0	1
-4	1.1209	1.1201	.1	.0	1	67.9	65.7	3.2	.3	1



CRL: Number of dispersions= 2
 C1=.25 H2=1 fixed

Iter	Lambda	Rchsq	RB	M1	T1	T2	C2
0	1.E-02	.88684	1.419	.378	1.2E+01	7.9E-05	.620
1	1.E-02	.88833	1.418	.378	1.2E+01	1.2E-04	.608
2	1.E-03	.88829	1.409	.368	1.2E+01	1.2E-04	.616
3	1.E-04	.88829	1.408	.368	1.2E+01	1.2E-04	.616

Pct Std Deviations 3.5 3.2 141.0 6.6 2.8

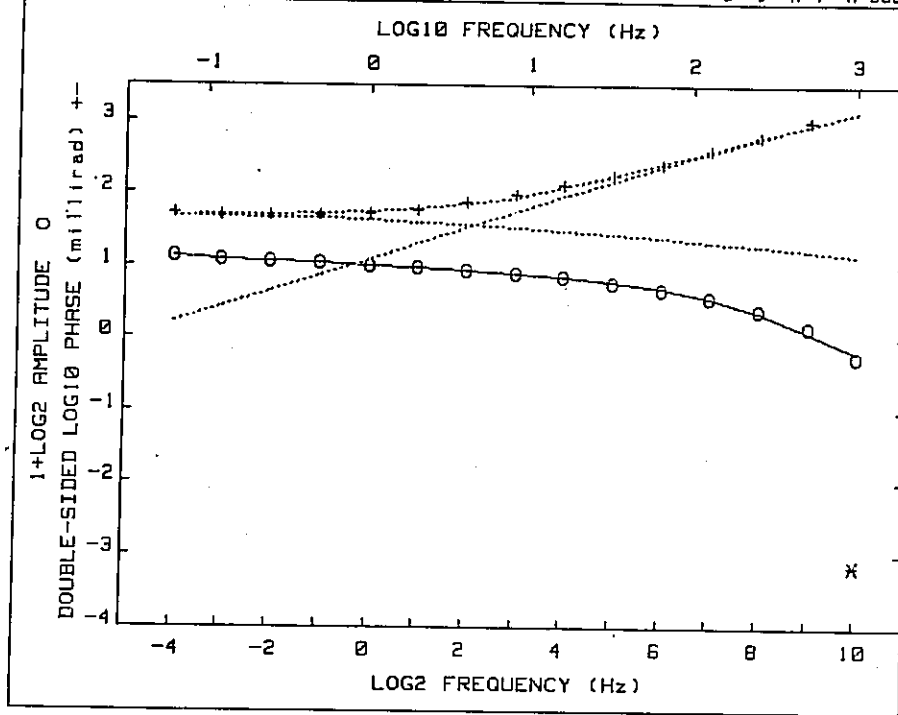
Correlation Matrix

1.000				
.927	1.000			
.984	.872	1.000		
-.856	-.819	-.837	1.000	
-.853	-.667	-.872	.881	1.000

Apparent Resistivity Measured at 1 Hz is 1223
 Apparent Resistivity Calculated from Inductive Coupling is 430.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.4516	.4675	-3.5	.8	1	990.1	944.8	4.7	.8	1
9	.5879	.5763	1.9	.1	1	651.4	647.6	.6	.8	1
8	.6891	.5788	1.5	.0	1	425.0	442.8	-4.2	.1	1
7	.7645	.7624	.3	.1	1	286.3	303.0	-5.8	.2	1
6	.8229	.8265	-.4	.0	1	208.3	209.8	-4.4	.2	1
5	.8659	.8745	-.5	.0	1	145.0	147.8	-1.4	.8	1
4	.9897	.9112	-2.2	.8	1	109.6	106.9	2.5	.2	1
3	.9428	.9484	.2	.0	1	84.6	81.6	3.5	.6	1
2	.9693	.9652	.4	.0	1	67.2	66.1	1.6	.3	1
1	.9913	.9876	.4	.0	1	56.0	57.1	-1.9	.2	1
0	1.0000	1.0000	-.9	1.2	1	50.5	52.1	-3.1	.6	1
-1	1.0318	1.0302	.2	.8	1	48.4	49.5	-2.4	.2	1
-2	1.0548	1.0518	.2	.1	1	47.9	48.4	-1.0	.3	1
-3	1.0757	1.0748	.2	.1	1	49.5	47.9	3.3	.6	1
-4	1.0984	1.0969	.1	.1	1	49.7	47.5	4.4	1.7	1

CYPRUS ANVIL GRUM DEP. FARD Y.T. LINE 108W 16/9/81 L338 D= 9 H=4 X=385m



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.83787	1.400	.368	1.2E+01	4.3E-04	.616
1	1.E-02	.88123	1.449	.400	1.2E+01	1.8E-04	.657
2	1.E-03	.88055	1.416	.384	8.9E+00	2.1E-04	.683
3	1.E-04	.88053	1.398	.380	5.2E+00	2.2E-04	.695
4	1.E-05	.88053	1.393	.381	5.4E+00	2.2E-04	.694

Pct Std Deviations 3.5 2.1 163.9 6.7 3.3

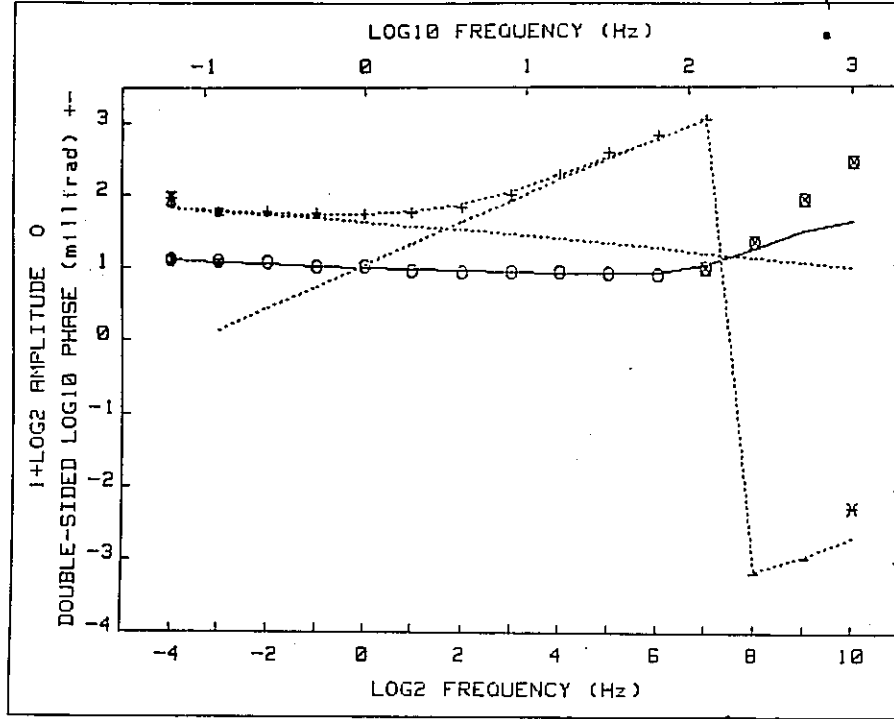
Correlation Matrix

	1.000				
	.718	1.000			
	.977	.602	1.000		
	-.684	-.544	-.652	1.000	
	-.857	-.445	-.854	.852	1.000

Apparent Resistivity Measured at 1 Hz is 1125
Apparent Resistivity Calculated from Inductive Coupling is 693.0

CYPRUS ANVIL GRUM DEP. FARD Y.T. LINE 108W 16/9/81 L338 D= 9 H=4 X=385m

F	ObsAmp	CalAmp	PctDif	ASD%	Mts	ObsPhz	CalPhz	PctDif	PSD%	Mts
10	.4215	.4369	-3.7	.0	1	-1478.1	1366.3	192.4	.0	0
9	.5588	.5363	4.0	.0	1	999.4	927.4	7.2	.8	1
8	.6635	.6484	2.3	.0	1	611.1	612.6	-2.2	.8	1
7	.7441	.7445	-.1	.0	1	387.5	488.7	-3.4	.1	1
6	.8876	.8167	-1.1	.0	1	256.0	262.9	-2.7	.2	1
5	.8599	.8688	-1.0	.1	1	178.4	176.0	1.3	.0	1
4	.9828	.9873	-.5	.1	1	129.1	122.5	5.1	.1	1
3	.9384	.9375	.1	.0	1	96.5	98.4	6.3	.3	1
2	.9571	.9638	-.4	.0	1	74.1	71.7	3.2	.1	1
1	.9987	.9863	.4	.0	1	68.1	61.2	-1.8	.0	1
0	1.0000	1.0000	-.9	1.2	1	53.2	55.6	-4.4	.2	1
-1	1.0315	1.0315	-.0	.1	1	50.9	52.7	-3.5	.0	1
-2	1.0540	1.0545	-.0	.1	1	50.8	51.1	-.7	.2	1
-3	1.0777	1.0781	-.0	.1	1	51.3	50.2	2.2	.8	1
-4	1.1014	1.1021	-.1	.2	1	52.8	48.2	2.2	.8	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	.00218	1.785	.518	1.7E+02	8.6E-04	1.000	1.0E-06
1	1.E-02	.00100	1.789	.513	1.9E+02	7.5E-04	.984	1.0E-06
2	1.E-03	.00103	1.890	.537	3.7E+02	7.0E-04	.973	1.0E-06
3	1.E-03	.00098	2.003	.552	6.7E+02	6.6E-04	.968	1.0E-06
4	1.E-03	.00094	2.118	.585	1.1E+03	6.2E-04	.963	1.0E-06
5	1.E-03	.00090	2.226	.604	1.7E+03	5.9E-04	.960	1.0E-06
6	1.E-03	.00088	2.319	.619	2.4E+03	5.6E-04	.957	1.0E-06
7	1.E-03	.00087	2.396	.631	3.1E+03	5.4E-04	.956	1.0E-06
8	1.E-04	.00087	2.519	.649	4.7E+03	5.2E-04	.953	1.0E-06

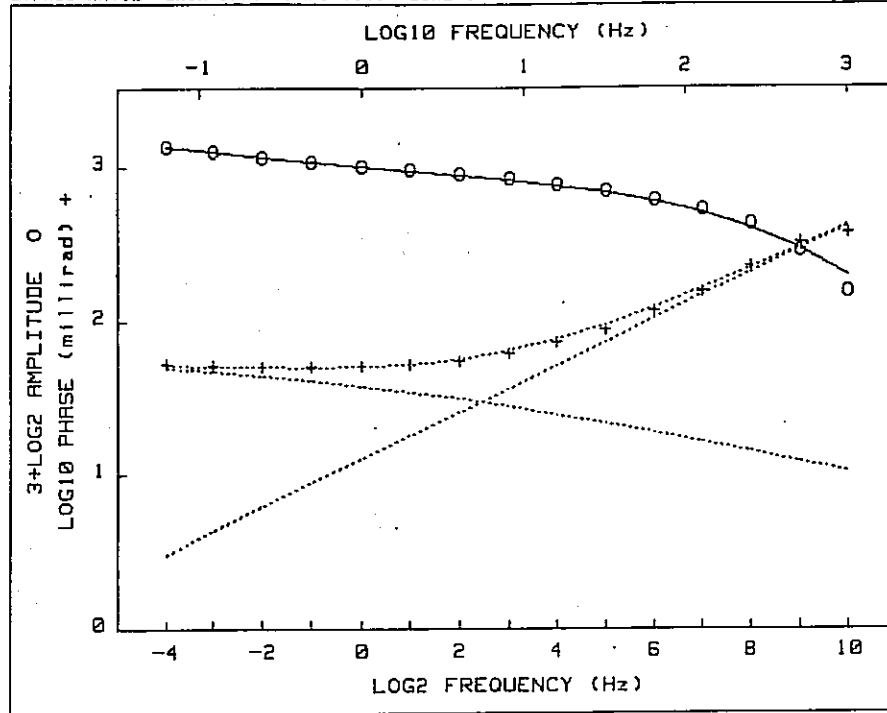
Pct Std Deviations 45.1 23.5 999.9 50.2 4.3 999.5

Correlation Matrix

1.000						
1.000	1.000					
.998	.997	1.000				
-.995	-.994	-.993	1.000			
-.887	-.879	-.896	.911	1.000		
.913	.911	.912	-.918	-.861	1.000	

Apparent Resistivity Measured at 1 Hz is 413.2
 Apparent Resistivity Calculated from Inductive Coupling is 1843

F	ObsAmp	CalAmp	PctDif	ASD%	Nts	ObsPhz	CalPhz	PctDif	PSD%	Nts
10	2.6808	1.5869	43.8	.8	0	-198.8	-475.7	-149.3	.1	0
9	1.8577	1.3739	26.0	.8	0	-931.8	-875.8	6.0	.8	1
8	1.2465	1.1678	6.3	.8	0	-1519.2	-1451.4	4.5	.8	1
7	.9753	1.0883	-2.6	.1	0	1093.7	1873.5	1.9	.8	1
6	.9213	.9358	-1.6	.1	1	657.5	685.6	7.9	.6	1
5	.9488	.9274	1.3	.1	1	367.8	328.9	10.6	.3	1
4	.9554	.9355	2.1	.1	1	189.4	182.6	3.6	.2	1
3	.9514	.9475	.4	.3	1	97.8	108.8	-12.2	.6	1
2	.9549	.9618	-.6	.1	1	64.5	73.3	-13.7	.9	1
1	.9655	.9761	-1.1	.2	1	57.2	57.8	-1.0	.9	1
0	1.0888	.9932	.7	1.4	1	54.7	52.7	3.7	1.1	1
-1	1.8188	1.8129	-.2	.7	1	57.1	53.1	6.9	1.2	1
-2	1.8588	1.8356	1.4	1.2	1	58.7	56.6	3.5	2.7	1
-3	1.8654	1.8619	.3	1.9	1	58.3	61.8	-5.9	9.8	1
-4	1.8876	1.8921	-.4	3.8	1	92.8	67.7	27.0	21.8	8



CRL: Number of dispersions= 2
 C1=.25 K2=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.02755	1.453	.365	4.2E+01	7.6E-05	.489
1	1.E-02	.00181	1.469	.388	3.5E+01	2.4E-05	.471
2	1.E-03	.00001	1.502	.409	3.6E+01	2.0E-05	.501
3	1.E-04	.00079	1.544	.418	6.4E+01	1.9E-05	.490
4	1.E-05	.00079	1.517	.411	4.5E+01	2.0E-05	.497

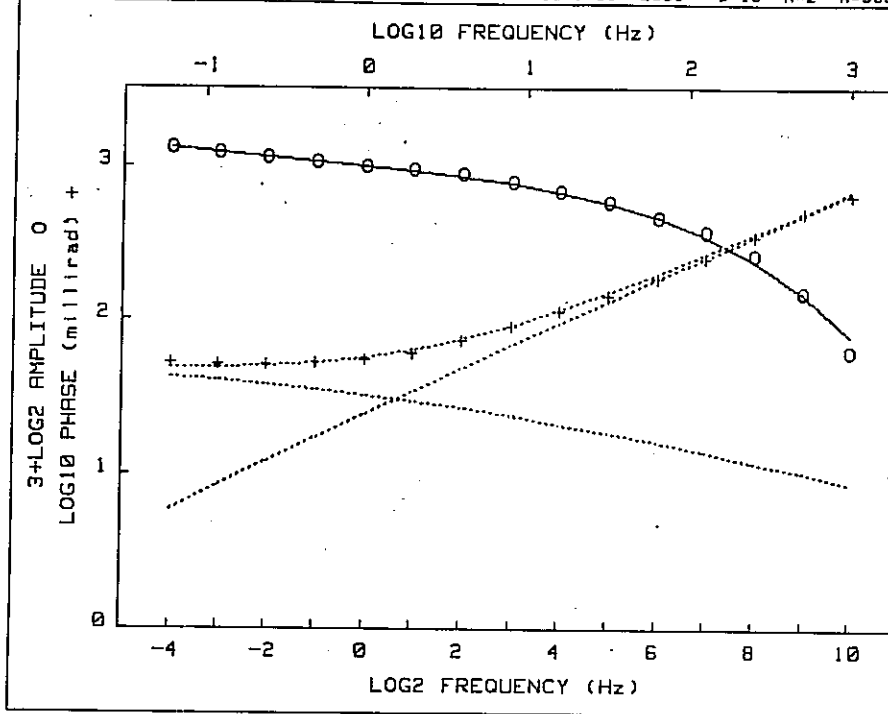
Pct Std Deviations 11.0 11.6 539.4 36.5 7.4

Correlation Matrix

	1.000				
	.988	1.000			
	.992	.967	1.000		
	-.952	-.929	-.951	1.000	
	-.849	-.777	-.880	.927	1.000

Apparent Resistivity Measured at 1 Hz is 237.9
 Apparent Resistivity Calculated from Inductive Coupling is 169.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.5690	.5118	-7.4	.2	1	363.5	411.2	-13.1	.1	1
9	.6822	.6896	-1.1	.0	1	315.1	298.0	5.4	.0	1
8	.7679	.7547	1.7	.0	1	223.9	217.9	2.7	.2	1
7	.8227	.8071	1.9	.1	1	155.2	161.4	-4.0	.1	1
6	.8542	.8491	.6	.1	1	114.8	121.8	-6.1	.1	1
5	.8900	.8830	.8	.1	1	87.4	94.5	-8.1	.7	1
4	.9103	.9112	.8	.0	1	72.1	76.1	-5.5	1.0	1
3	.9423	.9357	.7	.0	1	61.5	64.1	-4.2	.7	1
2	.9632	.9579	.5	.0	1	55.2	56.7	-2.7	.0	1
1	.9858	.9791	.7	.0	1	52.2	52.5	-.6	.0	1
0	1.0000	1.0001	-.0	.0	1	51.4	50.6	1.5	.0	1
-1	1.0223	1.0216	.1	.1	1	51.4	50.3	2.2	.6	1
-2	1.0441	1.0441	.0	.1	1	51.7	50.7	1.0	.4	1
-3	1.0703	1.0670	.2	.1	1	52.5	51.7	1.6	1.5	1
-4	1.0967	1.0927	.4	.1	1	53.5	52.6	1.6	1.7	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.81336	1.394	.311	1.5E+02	2.1E-04	.541
1	1.E-02	.88179	1.488	.362	1.1E+02	8.7E-05	.467
2	1.E-03	.88879	1.471	.370	5.5E+01	7.3E-05	.483
3	1.E-03	.88879	1.453	.365	4.2E+01	7.6E-05	.489

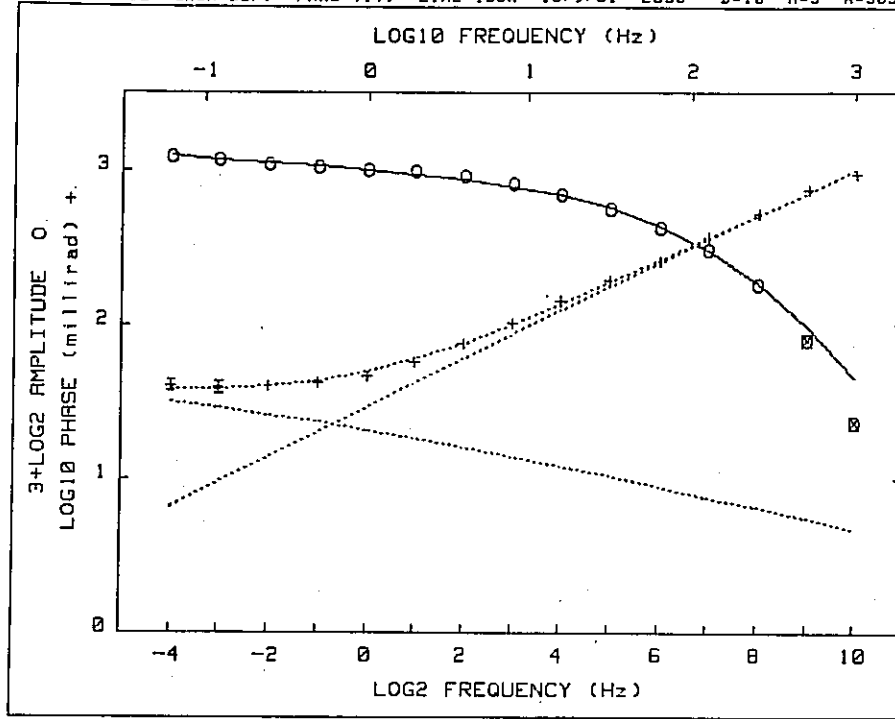
Pct Std Deviations 12.8 14.5 999.9 33.4 8.2

Correlation Matrix

1.000					
.985	1.000				
.954	.966	1.000			
-.976	-.972	-.966	1.000		
-.938	-.868	-.945	.933	1.000	

Apparent Resistivity Measured at 1 Hz is 483.9
 Apparent Resistivity Calculated from Inductive Coupling is 105.9

F	ObsAmp	CalAmp	PctDif	ASDK	Wis	ObsPhz	CalPhz	PctDif	PSDK	Wis
10	.4310	.4647	-7.8	.1	1	633.3	677.4	-7.8	.8	1
9	.5655	.5621	.6	.1	1	493.3	493.8	.1	.1	1
8	.6668	.6522	2.2	.8	1	347.8	361.9	-4.8	.1	1
7	.7428	.7298	1.6	.8	1	249.6	267.3	-7.1	.1	1
6	.7932	.7939	-.1	.1	1	186.4	198.9	-6.7	.3	1
5	.8588	.8458	.5	.8	1	144.5	149.8	-3.7	.8	1
4	.8931	.8877	.6	.1	1	112.9	115.8	-1.8	.1	1
3	.9389	.9221	.9	.8	1	89.6	98.7	-1.3	.1	1
2	.9611	.9512	1.8	.8	1	72.5	74.2	-2.4	.6	1
1	.9858	.9767	.9	.8	1	68.5	63.3	-4.6	.3	1
0	1.0888	1.0881	-.8	.1	1	54.4	56.4	-3.7	.4	1
-1	1.0192	1.0224	-.3	.2	1	51.9	52.3	-.7	.4	1
-2	1.0416	1.0445	-.3	.3	1	51.1	58.8	2.1	.8	1
-3	1.0649	1.0668	-.2	.1	1	51.3	48.9	4.7	5.1	1
-4	1.0899	1.0896	.8	.1	1	52.1	48.4	7.1	4.5	1



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

Iter	Lambda	Rchaq	RB	M1	T1	T2	C2
0	1.E-02	.00635	1.728	.434	2.3E+03	2.1E-04	.557
1	1.E-02	.00029	1.616	.396	2.0E+03	1.4E-04	.509
2	1.E-03	.00024	1.583	.384	1.4E+03	1.4E-04	.513
3	1.E-03	.00023	1.553	.374	1.0E+03	1.5E-04	.517
4	1.E-03	.00023	1.531	.365	7.7E+02	1.6E-04	.521
5	1.E-03	.00022	1.513	.359	6.3E+02	1.6E-04	.523
6	1.E-03	.00022	1.498	.354	5.3E+02	1.7E-04	.526
7	1.E-03	.00022	1.487	.350	4.6E+02	1.7E-04	.528

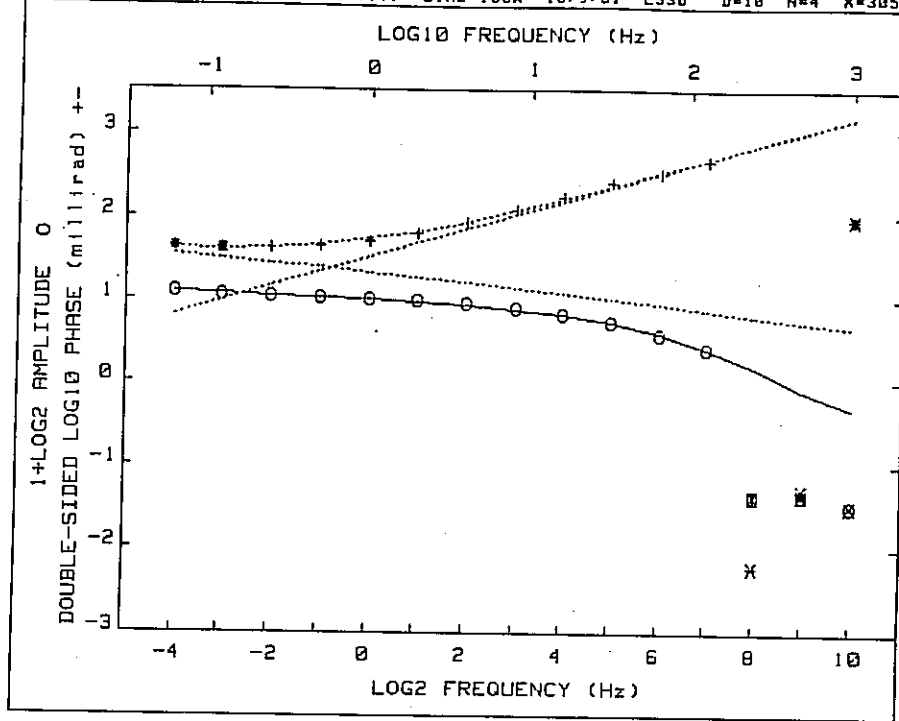
Pct Std Deviations 18.2 16.2 528.8 31.0 4.9

Correlation Matrix

1.000				
.998	1.000			
.996	.991	1.000		
-.994	-.995	-.989	1.000	
-.978	-.958	-.977	.972	1.000

Apparent Resistivity Measured at 1 Hz is 695.1
 Apparent Resistivity Calculated from Inductive Coupling is 148.3

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.3289	.3951	-23.1	.1	0	922.9	995.4	-7.9	.8	1
9	.4687	.4966	-6.8	.1	0	726.9	787.3	2.7	.8	1
8	.5976	.6021	-.8	.1	1	514.7	505.9	1.7	.8	1
7	.6989	.6977	.2	.1	1	361.8	363.8	-.3	.1	1
6	.7705	.7773	-.9	.1	1	258.4	268.8	-.9	.3	1
5	.8404	.8486	-.8	.1	1	191.9	188.8	2.8	.2	1
4	.8924	.8895	.3	.1	1	141.7	136.7	3.5	.2	1
3	.9361	.9272	.9	.1	1	103.9	101.8	2.8	.3	1
2	.9679	.9568	1.1	.8	1	76.1	76.6	-.7	.5	1
1	.9982	.9886	1.0	.1	1	57.6	68.4	-4.8	.2	1
0	1.0000	1.0007	-.1	.1	1	47.8	49.9	-6.2	.2	1
-1	1.0136	1.0187	-.5	.2	1	42.3	43.6	-3.1	.5	1
-2	1.0298	1.0357	-.6	.4	1	40.7	40.2	1.3	1.3	1
-3	1.0476	1.0525	-.5	.2	1	39.5	38.7	2.8	9.1	1
-4	1.0668	1.0696	-.3	.2	1	40.9	38.6	5.7	8.3	1



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

Iter	Lambda	Rchsq	RB	M1	T1	T2	C2
0	1.E-02	.86789	1.840	.481	3.7E+03	7.2E-04	.568
1	1.E-02	.88099	1.781	.466	3.4E+03	2.8E-04	.557
2	1.E-03	.88826	1.734	.443	2.9E+03	2.8E-04	.554
3	1.E-03	.88825	1.728	.439	2.6E+03	2.8E-04	.556
4	1.E-03	.88825	1.786	.434	2.3E+03	2.1E-04	.557

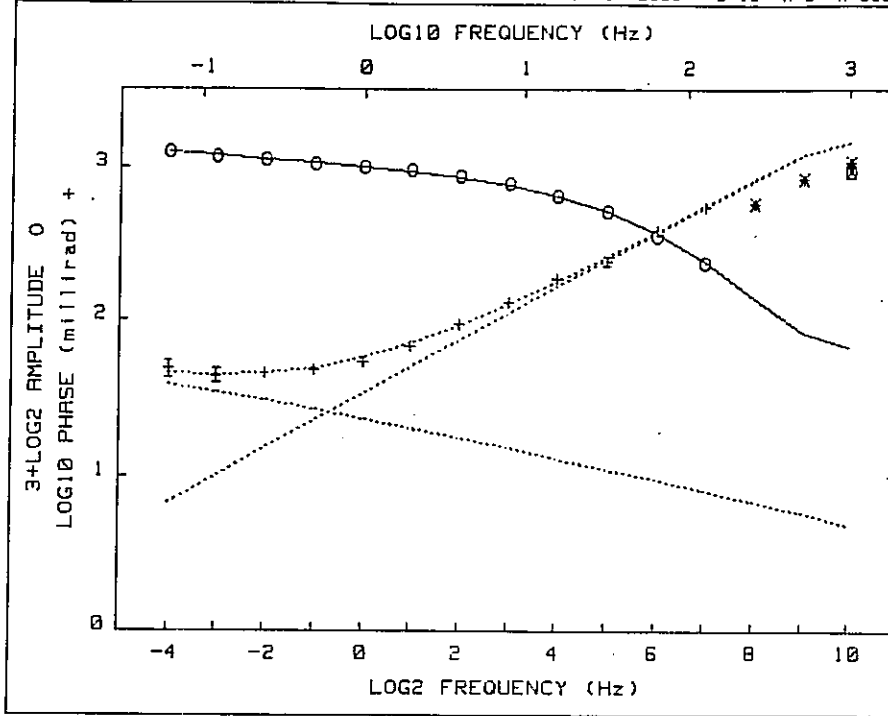
Pct Std Deviations 21.8 26.4 999.9 65.4 6.3

Correlation Matrix

1.000				
.999	1.000			
.998	.996	1.000		
-.995	-.994	-.995	1.000	
-.947	-.938	-.957	.966	1.000

Apparent Resistivity Measured at 1 Hz is 830.4
 Apparent Resistivity Calculated from Inductive Coupling is 251.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.1785	.4819	-125.2	1.6	8	92.9	1474.9	-999.8	8.6	8
9	.1969	.4649	-136.1	2.1	8	-19.7	1828.2	999.8	32.5	8
8	.1948	.5628	-189.7	5.8	8	-167.2	703.2	528.6	11.5	8
7	.6583	.6632	-.7	.1	1	464.8	482.8	-3.9	.4	1
6	.7488	.7519	-1.5	.1	1	318.2	333.6	-4.8	.3	1
5	.8285	.8231	-.3	.2	1	244.6	232.2	5.1	2.9	1
4	.8886	.8779	-.3	.1	1	167.9	163.3	2.7	.1	1
3	.9287	.9195	1.8	.1	1	128.5	117.8	2.9	.4	1
2	.9638	.9514	1.3	.1	1	85.2	86.2	-1.1	.2	1
1	.9883	.9766	1.2	.1	1	63.4	66.1	-4.3	.3	1
8	1.8888	.9976	.2	.1	1	58.8	53.6	-5.5	.4	1
-1	1.8123	1.8162	-.4	.3	1	45.8	46.2	-2.8	.4	1
-2	1.8287	1.8337	-.5	.5	1	42.7	42.5	.4	1.4	1
-3	1.8474	1.8512	-.4	.2	1	41.5	41.3	.5	18.4	1
-4	1.8669	1.8695	-.2	.3	1	44.3	41.8	5.8	18.2	1



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

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00840	2.290	.599	6.4E+03	2.4E-04	.745
1	1.E-02	.00870	2.036	.541	6.2E+03	1.7E-04	.577
2	1.E-03	.00830	1.919	.501	5.7E+03	1.9E-04	.550
3	1.E-03	.00825	1.896	.493	4.9E+03	2.0E-04	.564
4	1.E-03	.00824	1.872	.487	4.2E+03	2.1E-04	.566
5	1.E-03	.00824	1.851	.481	3.7E+03	2.1E-04	.568

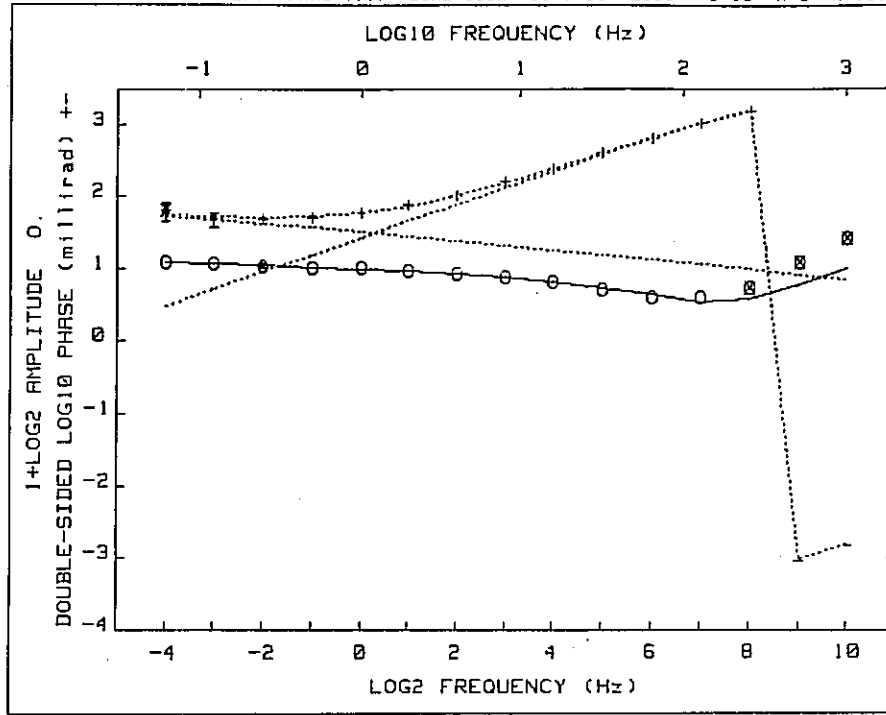
Pct Std Deviations 18.2 17.9 591.1 52.3 5.1

Correlation Matrix

1.000				
.999	1.000			
.997	.994	1.000		
-.993	-.991	-.993	1.000	
-.931	-.919	-.945	.958	1.000

Apparent Resistivity Measured at 1 Hz is 704.9
 Apparent Resistivity Calculated from Inductive Coupling is 381.5

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	.9804	.4462	54.5	.2	0	1062.1	1441.2	-35.7	.2	0
9	1.4694	.4724	67.9	.1	0	818.6	1209.7	-47.8	.3	0
8	1.9212	.5522	71.3	.1	0	562.2	810.4	-45.6	.8	0
7	.6447	.5496	-.8	.1	1	542.7	550.8	-1.5	.6	1
6	.7289	.7399	-1.5	.1	1	379.1	373.7	1.4	.3	1
5	.8117	.8139	-.3	.2	1	239.5	256.1	-6.9	6.2	1
4	.8727	.8712	.2	.1	1	184.7	177.9	3.7	.1	1
3	.9235	.9148	.9	.1	1	129.6	126.1	2.7	.2	1
2	.9680	.9482	1.2	.1	1	93.8	92.1	.9	.5	1
1	.9853	.9746	1.1	.1	1	67.9	70.4	-3.6	.3	1
0	1.0000	.9967	.3	.1	1	54.1	57.8	-5.3	.8	1
-1	1.0118	1.0163	-.4	.4	1	48.0	49.3	-2.6	1.0	1
-2	1.0308	1.0349	-.4	.7	1	45.7	45.5	.4	2.8	1
-3	1.0513	1.0537	-.2	.3	1	43.9	44.5	-1.3	10.7	1
-4	1.0716	1.0735	-.2	.4	1	48.5	45.3	6.6	13.0	1



CRL: Number of dispersions= 3 Negative.
 C1=.25 M2=1 M3=1 T3=.000001 C3=1 fixed

Iter	Lambda	Rchsq	R0	M1	T1	T2	C2
0	1.E-02	.00051	2.292	.601	6.3E+03	4.4E-04	.745
1	1.E+00	.00051	2.267	.599	6.4E+03	4.4E-04	.745
2	1.E+01	.00050	2.286	.599	6.4E+03	4.4E-04	.745

Pct Std Deviations 4.8 2.8 41.7 6.7 .0

Correlation Matrix

1.000					
.989	1.000				
.888	.847	1.000			
-.888	-.910	-.785	1.000		
-.889	-.878	-.189	-.842	1.000	

Apparent Resistivity Measured at 1 Hz is 429.6
 Apparent Resistivity Calculated from Inductive Coupling is 897.1

F	ObsAmp	CalAmp	PctDif	ASD%	Wts	ObsPhz	CalPhz	PctDif	PSD%	Wts
10	1.3236	.9943	24.9	.8	0	-672.3	-657.1	2.3	.8	1
9	1.0559	.8513	19.4	.8	0	-1108.9	-1051.9	5.1	.8	1
8	.8938	.7459	18.5	.1	0	1499.9	1569.7	-4.7	.8	1
7	.7595	.7285	4.1	.1	1	1016.7	1039.1	-2.2	.1	1
6	.7610	.7747	-1.8	.3	1	630.6	639.2	-1.4	.4	1
5	.8199	.8348	-1.7	.2	1	394.2	386.9	1.9	.2	1
4	.8741	.8838	-1.1	.1	1	245.1	237.3	3.2	.1	1
3	.9169	.9210	-.5	.1	1	156.9	150.4	4.1	.5	1
2	.9543	.9491	.5	.2	1	104.6	100.8	3.6	.5	1
1	.9782	.9717	.7	.2	1	76.2	73.3	3.8	1.2	1
0	1.0000	.9916	.8	.4	1	58.5	59.1	-1.0	.9	1
-1	1.0031	1.0118	-.8	1.3	1	51.6	52.9	-2.5	2.3	1
-2	1.0255	1.0311	-.5	2.0	1	49.3	51.6	-4.6	5.3	1
-3	1.0602	1.0531	.7	.8	1	48.1	53.2	-10.7	21.4	1
-4	1.0707	1.0777	-.7	1.2	1	64.4	56.8	11.9	28.6	0