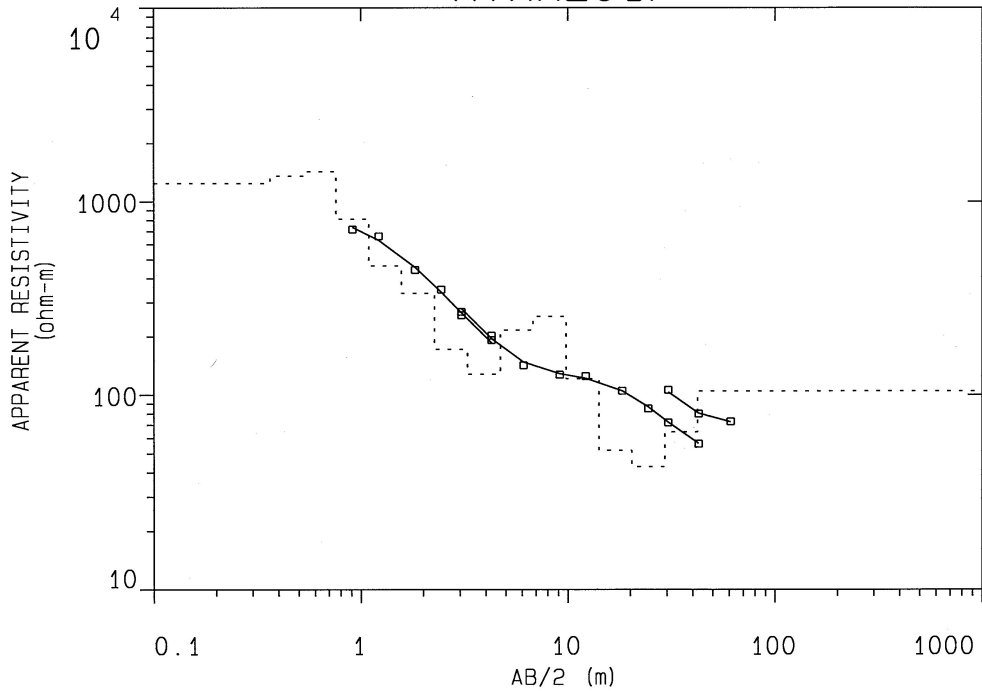


## APPENDIX A

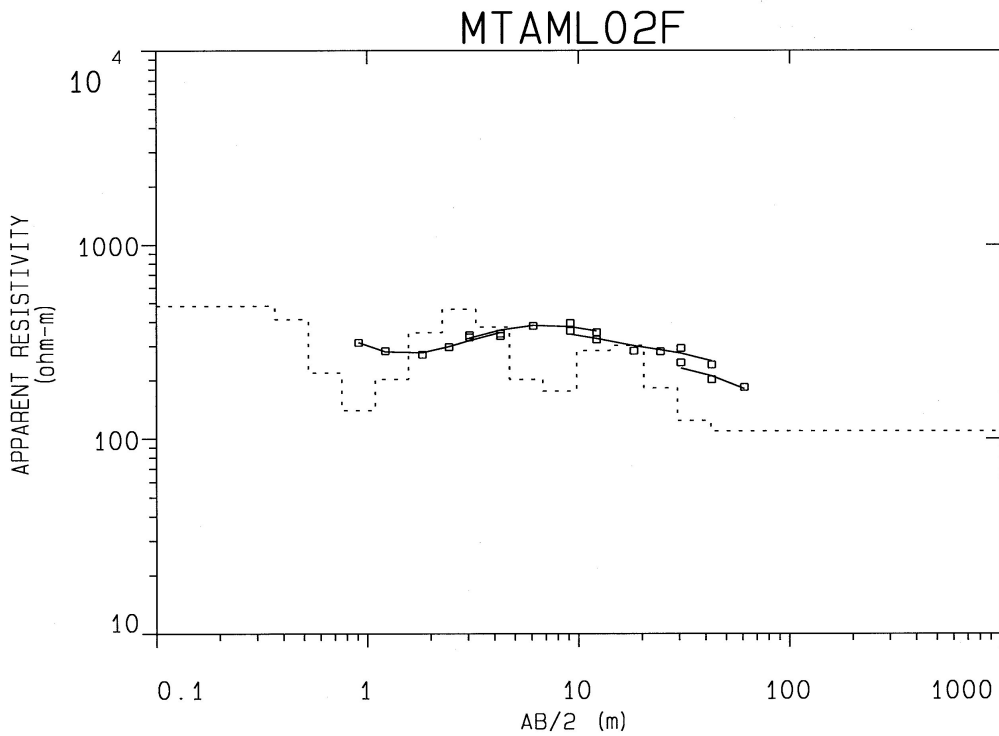
### **DC SOUNDING PLOTS, FIELD DATA, AND INTERPRETED MODELS**

(see Figure 4 in main text for plotting conventions)

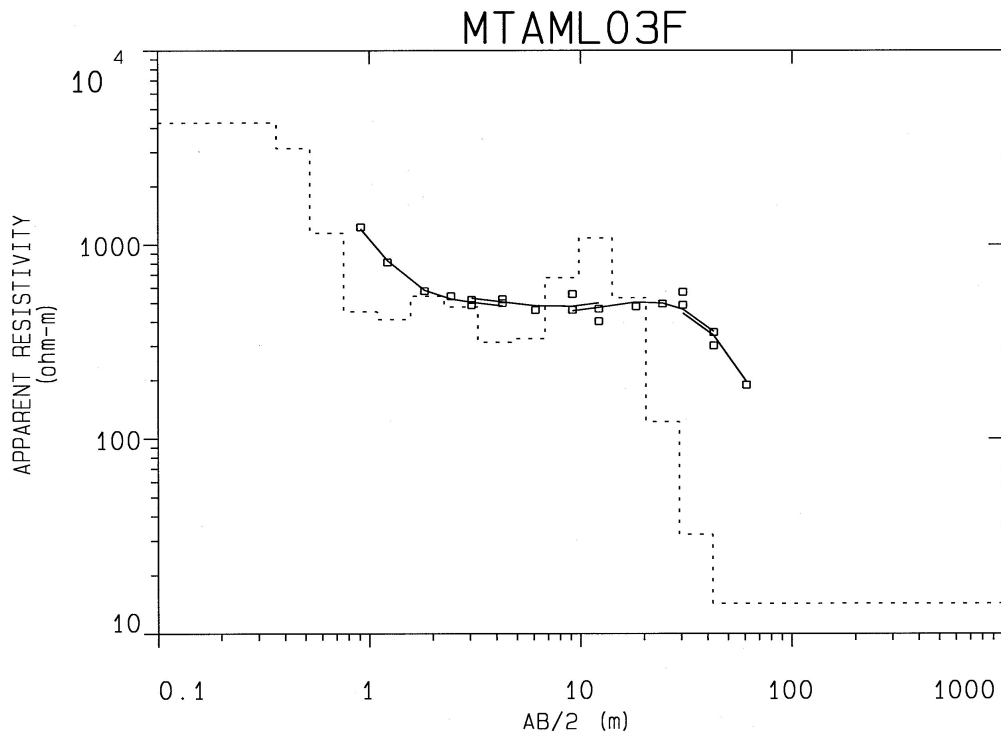
# MTAML01F



MTAML01F		7/16/97		MODEL		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS	
			1	1.24088E+03	3.64000E-01	
1	0.9100	717.0000	2	1.35492E+03	1.60752E-01	
2	1.2200	661.0000	3	1.43008E+03	2.31745E-01	
3	1.8300	442.0000	4	8.12320E+02	3.34090E-01	
4	2.4400	350.0000	5	4.63855E+02	4.81634E-01	
5	3.0500	258.0000	6	3.34890E+02	6.94337E-01	
6	4.2700	192.0000	7	1.72008E+02	1.00097E+00	
7	3.0500	268.0000	8	1.27921E+02	1.44303E+00	
8	4.2700	202.0000	9	2.15767E+02	2.08032E+00	
9	6.1000	142.0000	10	2.53782E+02	2.99904E+00	
10	9.1400	127.0000	11	1.21339E+02	4.32350E+00	
11	12.1900	125.0000	12	5.19987E+01	6.23288E+00	
12	18.2900	105.0000	13	4.28554E+01	8.98549E+00	
13	24.3800	85.0000	14	6.44841E+01	1.29537E+01	
14	30.4800	72.0000	15	1.04769E+02		
15	42.6700	56.0000				
16	30.4800	106.0000				
17	42.6700	80.0000				
18	60.9600	73.0000				

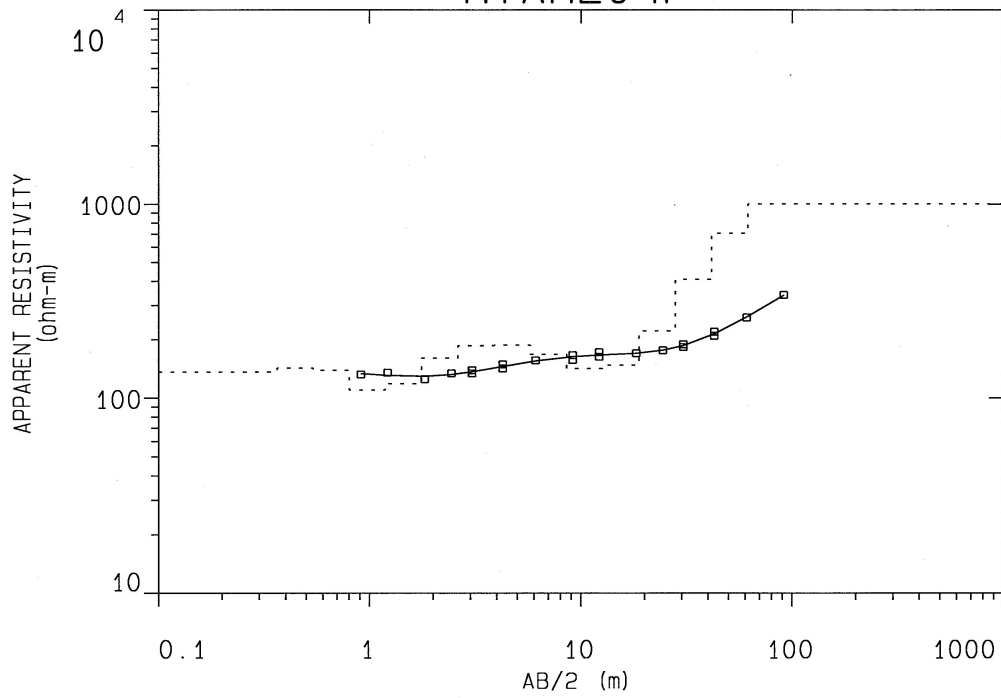


MTAML02F			MODEL		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	312.0000	1	6.18836E+02	3.64000E-01
2	1.2200	283.0000	2	5.31692E+02	1.60752E-01
3	1.8300	271.0000	3	2.77934E+02	2.31745E-01
4	2.4400	296.0000	4	1.70258E+02	3.34090E-01
5	3.0500	333.0000	5	2.54555E+02	4.81634E-01
6	4.2700	338.0000	6	4.85399E+02	6.94337E-01
7	3.0500	341.0000	7	6.31567E+02	1.00097E+00
8	4.2700	348.0000	8	4.66404E+02	1.44303E+00
9	6.1000	381.0000	9	2.44284E+02	2.08032E+00
10	9.1400	394.0000	10	2.09956E+02	2.99904E+00
11	12.1900	353.0000	11	3.16497E+02	4.32350E+00
12	9.1400	359.0000	12	3.26856E+02	6.23288E+00
13	12.1900	323.0000	13	1.94202E+02	8.98549E+00
14	18.2900	283.0000	14	1.18326E+02	1.29537E+01
15	24.3800	281.0000	15	9.09654E+01	
16	30.4800	292.0000			
17	42.6700	240.0000			
18	30.4800	246.0000			
19	42.6700	201.0000			
20	60.9600	184.0000			



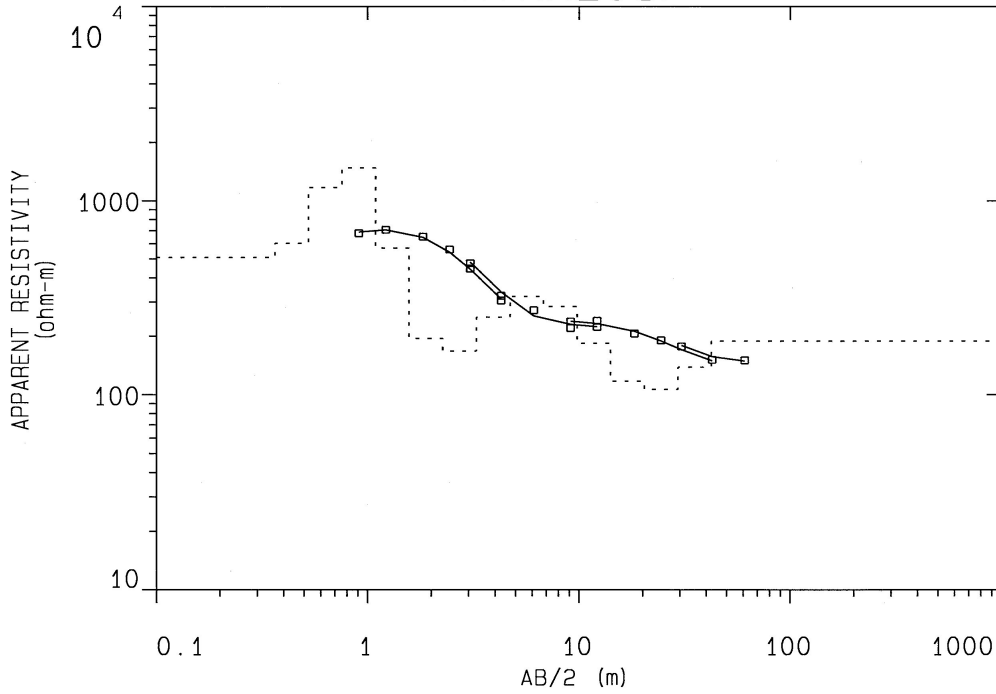
Field Data			Model		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
	MTAML03F 7/16/97				
1	0.9100	1234.0000	1	4.24666E+03	3.64000E-01
2	1.2200	811.0000	2	3.13880E+03	1.60752E-01
3	1.8300	576.0000	3	1.14907E+03	2.31745E-01
4	2.4400	542.0000	4	4.51024E+02	3.34090E-01
5	3.0500	488.0000	5	4.10562E+02	4.81634E-01
6	4.2700	499.0000	6	5.41689E+02	6.94337E-01
7	3.0500	519.0000	7	4.78274E+02	1.00097E+00
8	4.2700	523.0000	8	3.13475E+02	1.44303E+00
9	6.1000	460.0000	9	3.26427E+02	2.08032E+00
10	9.1400	460.0000	10	6.75057E+02	2.99904E+00
11	12.1900	402.0000	11	1.08238E+03	4.32350E+00
12	9.1400	555.0000	12	5.31537E+02	6.23288E+00
13	12.1900	466.0000	13	1.22075E+02	8.98549E+00
14	18.2900	480.0000	14	3.23298E+01	1.29537E+01
15	24.3800	495.0000	15	1.43128E+01	
16	30.4800	488.0000			
17	42.6700	301.0000			
18	30.4800	570.0000			
19	42.6700	353.0000			
20	60.9600	189.0000			

# MTAML04F

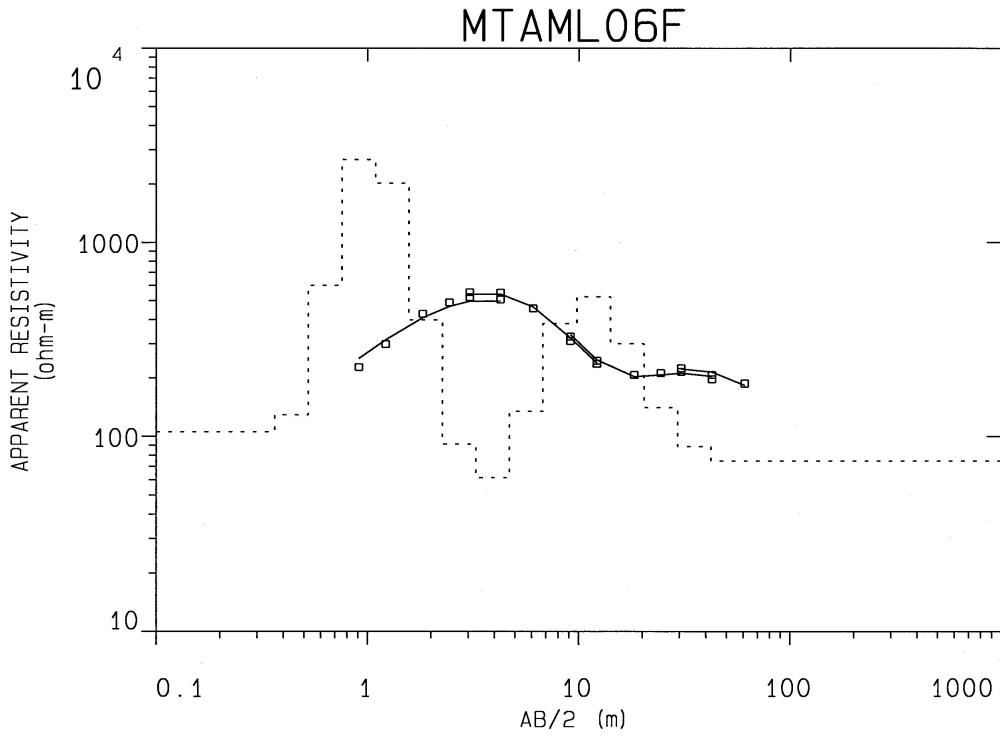


Field Data			Model		
MTAML04F					
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	132.0000	1	1.36092E+02	3.64000E-01
2	1.2200	135.0000	2	1.42719E+02	1.76172E-01
3	1.8300	125.0000	3	1.39027E+02	2.61438E-01
4	2.4400	134.0000	4	1.09900E+02	3.87972E-01
5	3.0500	134.0000	5	1.18637E+02	5.75746E-01
6	4.2700	142.0000	6	1.60442E+02	8.54402E-01
7	3.0500	139.0000	7	1.86126E+02	1.26792E+00
8	4.2700	149.0000	8	1.87172E+02	1.88159E+00
9	6.1000	156.0000	9	1.67785E+02	2.79226E+00
10	9.1400	166.0000	10	1.41925E+02	4.14368E+00
11	12.1900	172.0000	11	1.47654E+02	6.14919E+00
12	9.1400	157.0000	12	2.21504E+02	9.12533E+00
13	12.1900	163.0000	13	4.08854E+02	1.35419E+01
14	18.2900	170.0000	14	7.09434E+02	2.00961E+01
15	24.3800	176.0000	15	1.00088E+03	
16	30.4800	189.0000			
17	42.6700	219.0000			
18	30.4800	183.0000			
19	42.6700	209.0000			
20	60.9600	260.0000			
21	91.4400	340.0000			

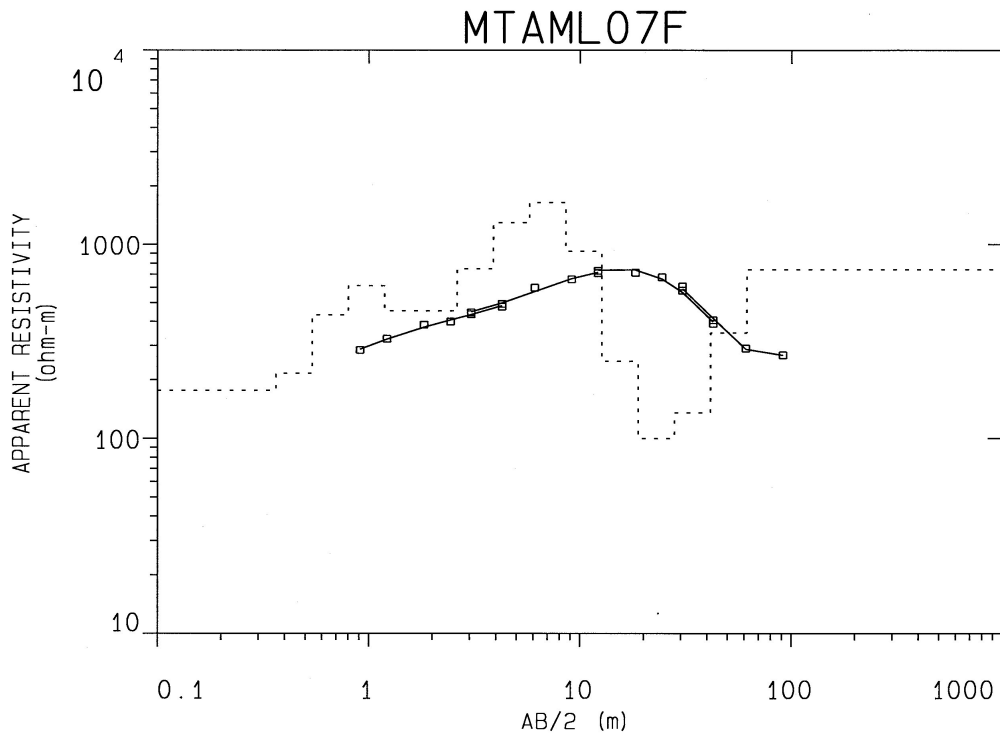
# MTAML05F



Field Data			Model		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	680.0000	1	4.05882E+02	3.64000E-01
2	1.2200	708.0000	2	4.80886E+02	1.60752E-01
3	1.8300	653.0000	3	9.32547E+02	2.31745E-01
4	2.4400	560.0000	4	1.19405E+03	3.34090E-01
5	3.0500	446.0000	5	4.61964E+02	4.81634E-01
6	4.2700	305.0000	6	1.53763E+02	6.94337E-01
7	3.0500	476.0000	7	1.35328E+02	1.00097E+00
8	4.2700	323.0000	8	2.16536E+02	1.44303E+00
9	6.1000	272.0000	9	2.85328E+02	2.08032E+00
10	9.1400	238.0000	10	2.61154E+02	2.99904E+00
11	12.1900	240.0000	11	1.74167E+02	4.32350E+00
12	9.1400	220.0000	12	1.08141E+02	6.23288E+00
13	12.1900	223.0000	13	9.79040E+01	8.98549E+00
14	18.2900	206.0000	14	1.41144E+02	1.29537E+01
15	24.3800	190.0000	15	2.18094E+02	
16	30.4800	177.0000			
17	42.6700	151.0000			
18	30.4800	177.0000			
19	42.6700	151.0000			
20	60.9600	150.0000			

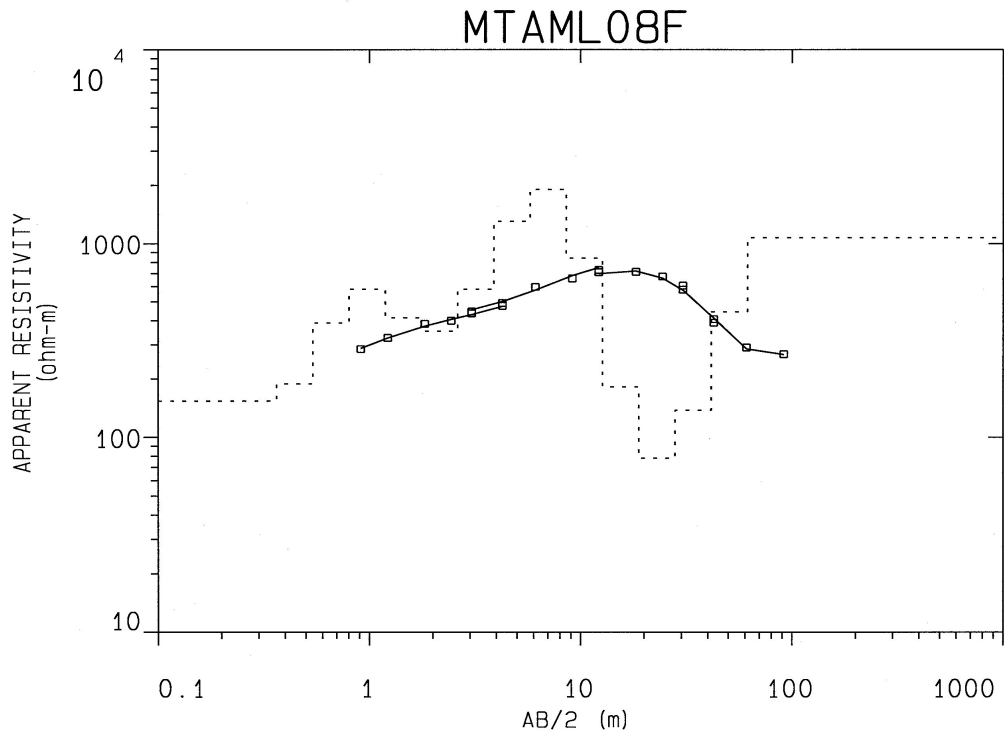


Field Data			Model		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	227.0000	1	4.05882E+02	3.64000E-01
2	1.2200	298.0000	2	4.80886E+02	1.60752E-01
3	1.8300	428.0000	3	9.32547E+02	2.31745E-01
4	2.4400	490.0000	4	1.19405E+03	3.34090E-01
5	3.0500	521.0000	5	4.61964E+02	4.81634E-01
6	4.2700	507.0000	6	1.53763E+02	6.94337E-01
7	3.0500	554.0000	7	1.35328E+02	1.00097E+00
8	4.2700	551.0000	8	2.16536E+02	1.44303E+00
9	6.1000	457.0000	9	2.85328E+02	2.08032E+00
10	9.1400	310.0000	10	2.61154E+02	2.99904E+00
11	12.1900	236.0000	11	1.74167E+02	4.32350E+00
12	9.1400	326.0000	12	1.08141E+02	6.23288E+00
13	12.1900	245.0000	13	9.79040E+01	8.98549E+00
14	18.2900	207.0000	14	1.41144E+02	1.29537E+01
15	24.3800	212.0000	15	2.18094E+02	
16	30.4800	215.0000			
17	42.6700	197.0000			
18	30.4800	224.0000			
19	42.6700	207.0000			
20	60.9600	187.0000			



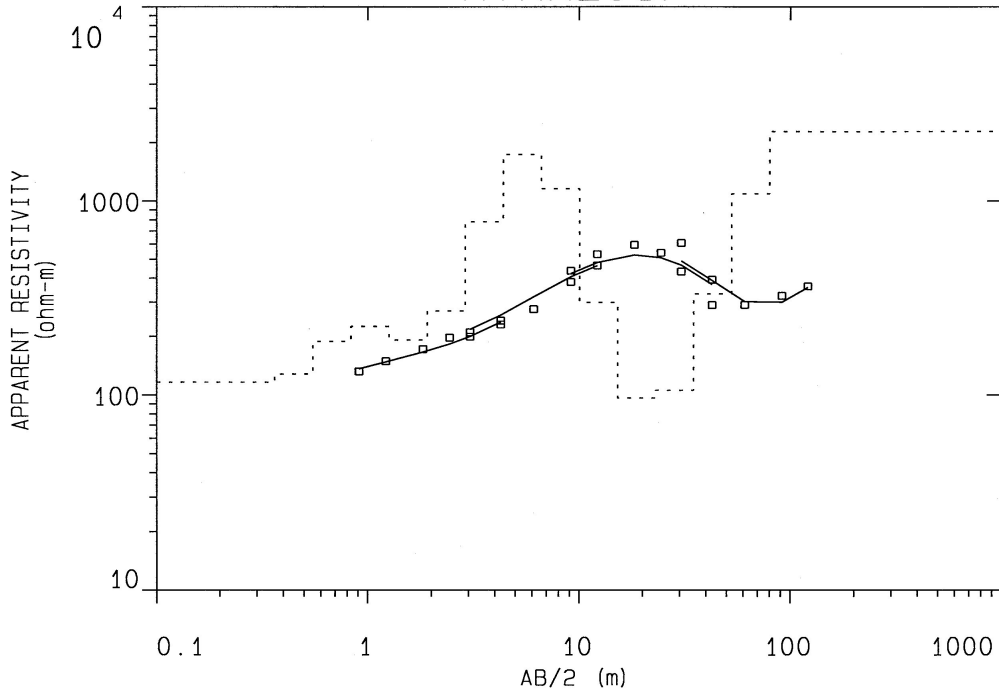
Field Data			Model		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	285.0000	1	1.76144E+02	3.64000E-01
2	1.2200	325.0000	2	2.16096E+02	1.76172E-01
3	1.8300	385.0000	3	4.33279E+02	2.61438E-01
4	2.4400	399.0000	4	6.12386E+02	3.87972E-01
5	3.0500	435.0000	5	4.54253E+02	5.75746E-01
6	4.2700	477.0000	6	4.52992E+02	8.54402E-01
7	3.0500	445.0000	7	7.48909E+02	1.26792E+00
8	4.2700	493.0000	8	1.29574E+03	1.88159E+00
9	6.1000	597.0000	9	1.64527E+03	2.79226E+00
10	9.1400	661.0000	10	9.23208E+02	4.14368E+00
11	12.1900	712.0000	11	2.48936E+02	6.14919E+00
12	12.1900	731.0000	12	9.99219E+01	9.12533E+00
13	18.2900	715.0000	13	1.35477E+02	1.35419E+01
14	24.3800	677.0000	14	3.49313E+02	2.00961E+01
15	30.4800	578.0000	15	7.41689E+02	
16	42.6700	390.0000			
17	30.4800	606.0000			
18	42.6700	407.0000			
19	60.9600	290.0000			
20	91.4400	268.0000			





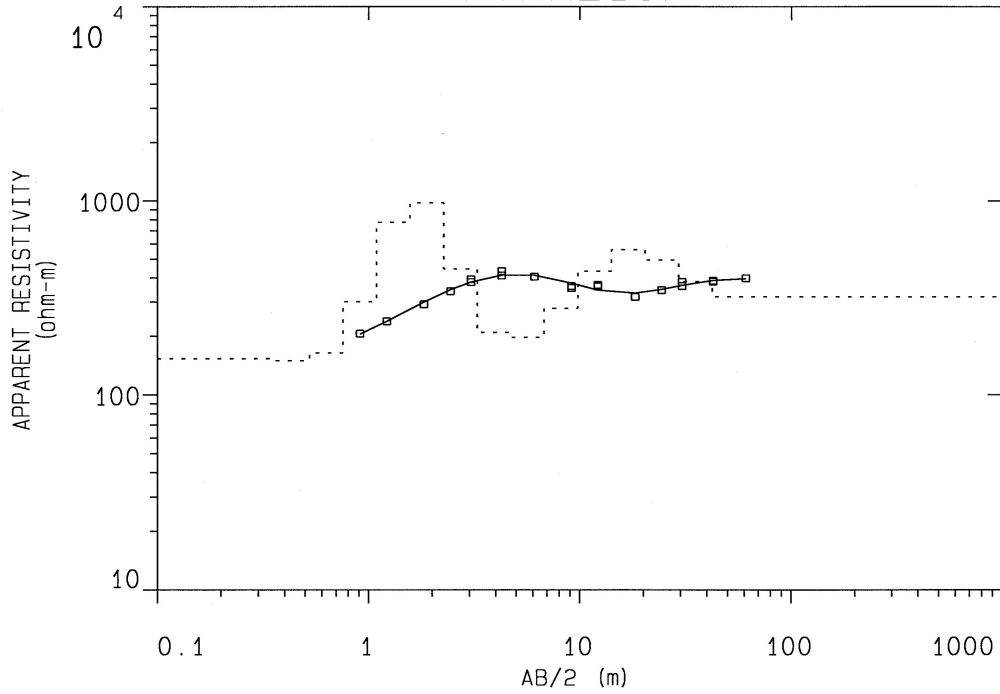
Field Data			Model		
MTAML08F			LAYER	RESISTIVITY	THICKNESS
No.	SPACING	RESISTIVITY			
1	0.9100	285.0000	1	1.53773E+02	3.64000E-01
2	1.2200	325.0000	2	1.88627E+02	1.76172E-01
3	1.8300	385.0000	3	3.88849E+02	2.61438E-01
4	2.4400	399.0000	4	5.80315E+02	3.87972E-01
5	3.0500	435.0000	5	4.12875E+02	5.75746E-01
6	4.2700	477.0000	6	3.52151E+02	8.54402E-01
7	3.0500	445.0000	7	5.80421E+02	1.26792E+00
8	4.2700	493.0000	8	1.30445E+03	1.88159E+00
9	6.1000	597.0000	9	1.90177E+03	2.79226E+00
10	9.1400	661.0000	10	8.42244E+02	4.14368E+00
11	12.1900	712.0000	11	1.82132E+02	6.14919E+00
12	12.1900	731.0000	12	7.80182E+01	9.12533E+00
13	18.2900	715.0000	13	1.37630E+02	1.35419E+01
14	24.3800	677.0000	14	4.43974E+02	2.00961E+01
15	30.4800	578.0000	15	1.07295E+03	
16	42.6700	390.0000			
17	30.4800	606.0000			
18	42.6700	407.0000			
19	60.9600	290.0000			
20	91.4400	268.0000			

# MTAML09F



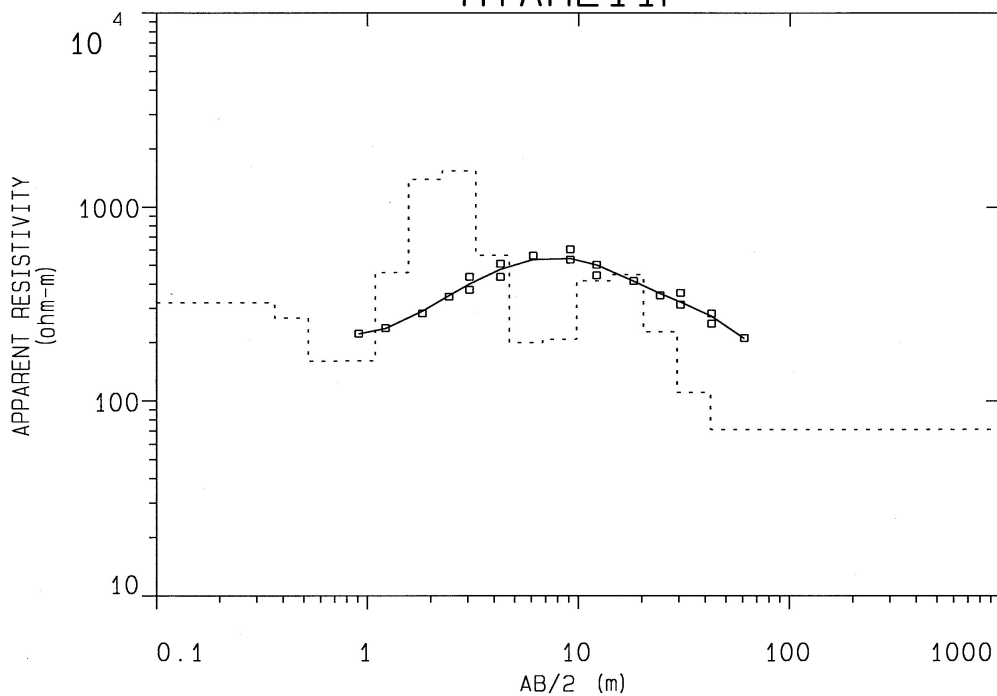
Field Data			Model		
MTAML09F 7/17/97			LAYER	RESISTIVITY	THICKNESS
No.	SPACING	RESISTIVITY			
1	0.9100	132.0000	1	1.16299E+02	3.64000E-01
2	1.2200	149.0000	2	1.28174E+02	1.87160E-01
3	1.8300	172.0000	3	1.88328E+02	2.83394E-01
4	2.4400	197.0000	4	2.25221E+02	4.29109E-01
5	3.0500	210.0000	5	1.91438E+02	6.49746E-01
6	4.2700	241.0000	6	2.69986E+02	9.83831E-01
7	3.0500	199.0000	7	7.80270E+02	1.48969E+00
8	4.2700	230.0000	8	1.73600E+03	2.25566E+00
9	6.1000	276.0000	9	1.15781E+03	3.41547E+00
10	9.1400	382.0000	10	2.99384E+02	5.17163E+00
11	12.1900	464.0000	11	9.63374E+01	7.83076E+00
12	9.1400	436.0000	12	1.05713E+02	1.18572E+01
13	12.1900	531.0000	13	3.31439E+02	1.79538E+01
14	18.2900	594.0000	14	1.09175E+03	2.71853E+01
15	24.3800	540.0000	15	2.28174E+03	
16	30.4800	432.0000			
17	42.6700	290.0000			
18	30.4800	608.0000			
19	42.6700	392.0000			
20	60.9600	291.0000			
21	91.4400	324.0000			
22	121.2200	363.0000			

# MTAML10F

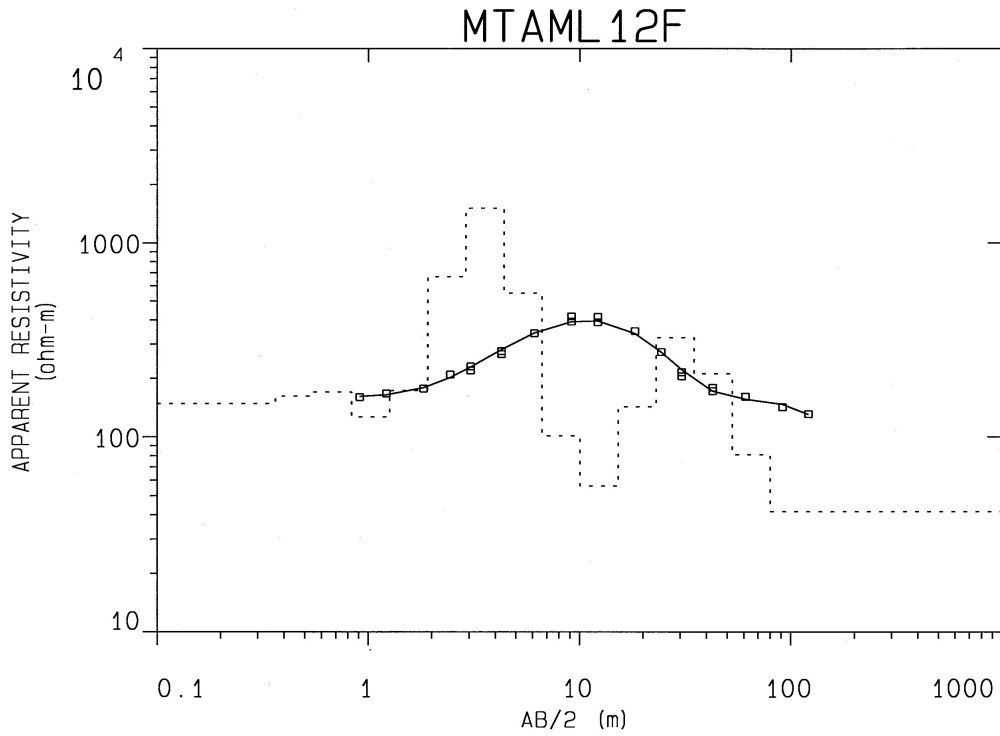


Field Data			Model		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
IP			1	1.53600E+02	3.64000E-01
1	0.9100	206.0000	2	1.49670E+02	1.60752E-01
2	1.2200	239.0000	3	1.64097E+02	2.31745E-01
3	1.8300	292.0000	4	3.01211E+02	3.34090E-01
4	2.4400	341.0000	5	7.76222E+02	4.81634E-01
5	3.0500	380.0000	6	9.78207E+02	6.94337E-01
6	4.2700	411.0000	7	4.44290E+02	1.00097E+00
7	3.0500	394.0000	8	2.09300E+02	1.44303E+00
8	4.2700	434.0000	9	1.97288E+02	2.08032E+00
9	6.1000	406.0000	10	2.78426E+02	2.99904E+00
10	9.1400	363.0000	11	4.33726E+02	4.32350E+00
11	12.1900	368.0000	12	5.59702E+02	6.23288E+00
12	9.1400	354.0000	13	4.95811E+02	8.98549E+00
13	12.1900	361.0000	14	3.83329E+02	1.29537E+01
14	18.2900	319.0000	15	3.20018E+02	
15	24.3800	346.0000			
16	30.4800	363.0000			
17	42.6700	383.0000			
18	30.4800	382.0000			
19	42.6700	387.0000			
20	60.9600	398.0000			

# MTAML11F

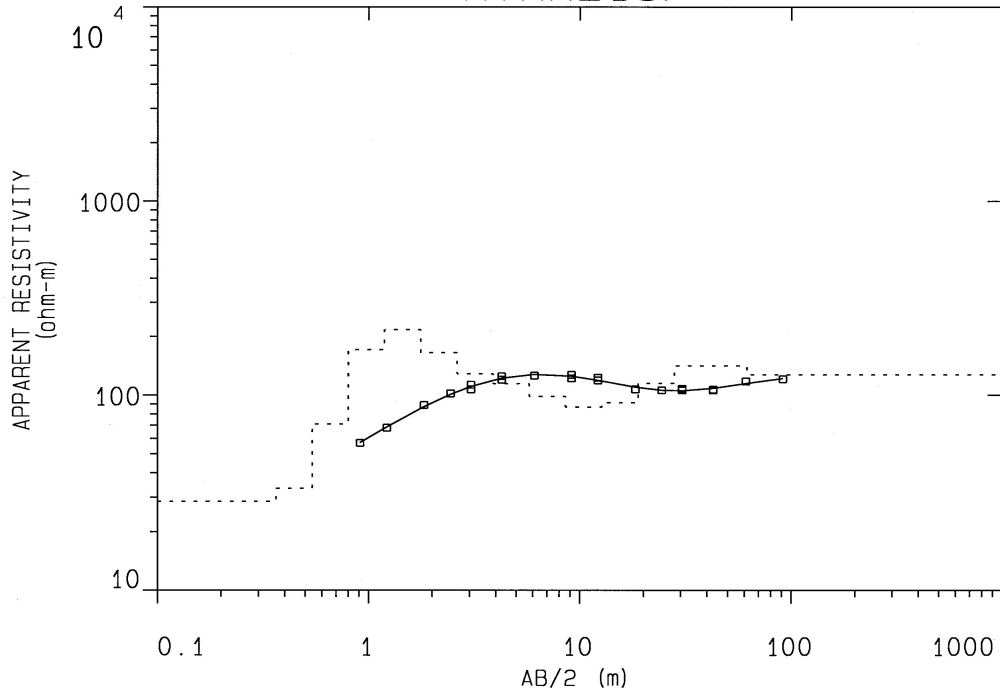


Field Data			Model		
MTAML11F 7/18/97			LAYER	RESISTIVITY	THICKNESS
No.	SPACING	RESISTIVITY			
1	0.9100	222.0000	1	3.09878E+02	3.64000E-01
2	1.2200	237.0000	2	2.66535E+02	1.60752E-01
3	1.8300	282.0000	3	1.71944E+02	2.31745E-01
4	2.4400	344.0000	4	1.76759E+02	3.34090E-01
5	3.0500	374.0000	5	4.55392E+02	4.81634E-01
6	4.2700	435.0000	6	1.25485E+03	6.94337E-01
7	3.0500	436.0000	7	1.44167E+03	1.00097E+00
8	4.2700	510.0000	8	5.87740E+02	1.44303E+00
9	6.1000	560.0000	9	2.22228E+02	2.08032E+00
10	9.1400	535.0000	10	2.26143E+02	2.99904E+00
11	12.1900	444.0000	11	4.19200E+02	4.32350E+00
12	9.1400	605.0000	12	4.27776E+02	6.23288E+00
13	12.1900	504.0000	13	2.22581E+02	8.98549E+00
14	18.2900	415.0000	14	1.15446E+02	1.29537E+01
15	24.3800	350.0000	15	7.85129E+01	
16	30.4800	313.0000			
17	42.6700	250.0000			
18	30.4800	360.0000			
19	42.6700	282.0000			
20	60.9600	211.0000			

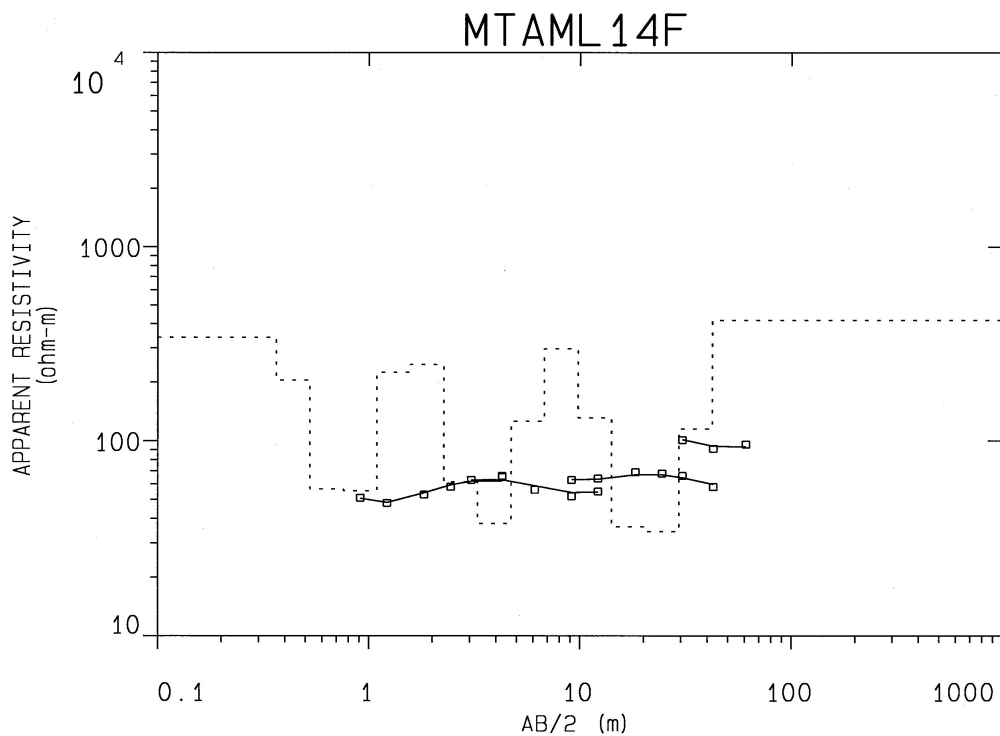


Field Data			Model		
MTAML12F 7/18/97			MTAML12F		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	160.0000	1	1.48130E+02	3.64000E-01
2	1.2200	167.0000	2	1.61710E+02	1.87160E-01
3	1.8300	177.0000	3	1.70087E+02	2.83394E-01
4	2.4400	209.0000	4	1.26569E+02	4.29109E-01
5	3.0500	230.0000	5	1.72622E+02	6.49746E-01
6	4.2700	276.0000	6	6.69227E+02	9.83831E-01
7	3.0500	219.0000	7	1.51229E+03	1.48969E+00
8	4.2700	266.0000	8	5.49258E+02	2.25566E+00
9	6.1000	341.0000	9	1.01016E+02	3.41547E+00
10	9.1400	392.0000	10	5.59496E+01	5.17163E+00
11	12.1900	389.0000	11	1.42764E+02	7.83076E+00
12	9.1400	417.0000	12	3.24040E+02	1.18572E+01
13	12.1900	415.0000	13	2.10453E+02	1.79538E+01
14	18.2900	350.0000	14	8.10702E+01	2.71853E+01
15	24.3800	273.0000	15	4.14056E+01	
16	30.4800	215.0000			
17	42.6700	179.0000			
18	30.4800	205.0000			
19	42.6700	172.0000			
20	60.9600	161.0000			
21	91.4400	142.0000			
22	121.2200	131.0000			

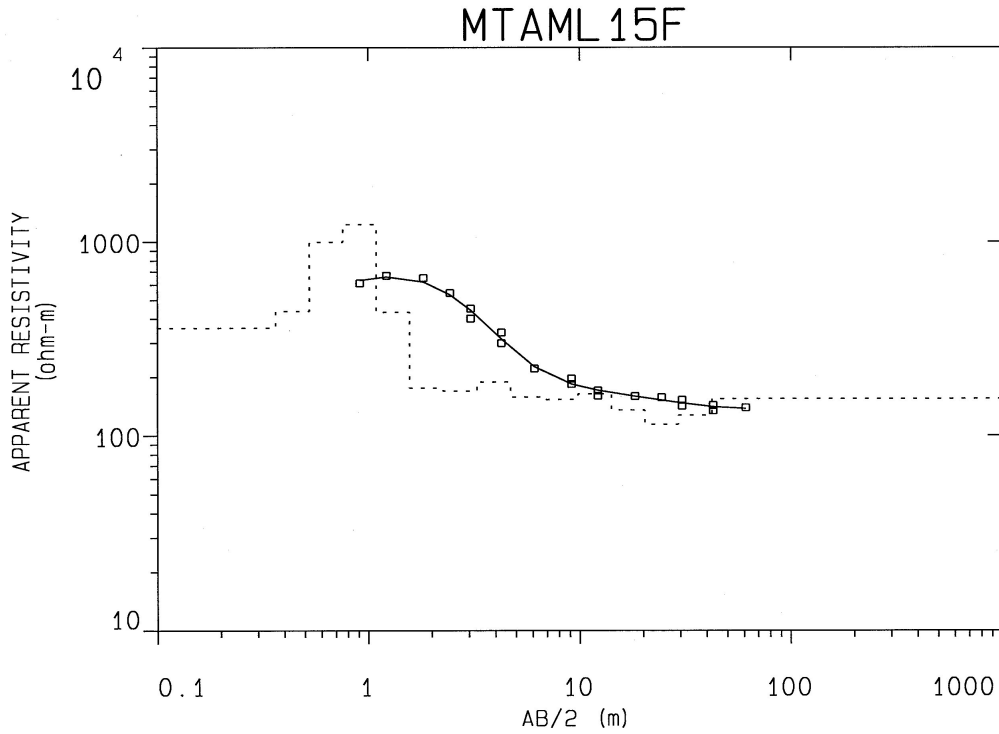
# MTAML13F



Field Data			Model		
MTAML13F 7/18/97			MTAML13F		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
IP			1	2.86089E+01	3.64000E-01
1	0.9100	57.0000	2	3.34422E+01	1.76172E-01
2	1.2200	68.0000	3	7.12468E+01	2.61438E-01
3	1.8300	89.0000	4	1.71398E+02	3.87972E-01
4	2.4400	102.0000	5	2.16903E+02	5.75746E-01
5	3.0500	113.0000	6	1.65122E+02	8.54402E-01
6	4.2700	125.0000	7	1.28737E+02	1.26792E+00
7	3.0500	107.0000	8	1.14508E+02	1.88159E+00
8	4.2700	120.0000	9	9.86297E+01	2.79226E+00
9	6.1000	126.0000	10	8.68170E+01	4.14368E+00
10	9.1400	127.0000	11	9.15966E+01	6.14919E+00
11	12.1900	123.0000	12	1.14995E+02	9.12533E+00
12	9.1400	122.0000	13	1.41397E+02	1.35419E+01
13	12.1900	119.0000	14	1.41608E+02	2.00961E+01
14	18.2900	107.0000	15	1.27383E+02	
15	24.3800	106.0000			
16	30.4800	106.0000			
17	42.6700	106.0000			
18	30.4800	108.0000			
19	42.6700	107.0000			
20	60.9600	118.0000			
21	91.4400	121.0000			

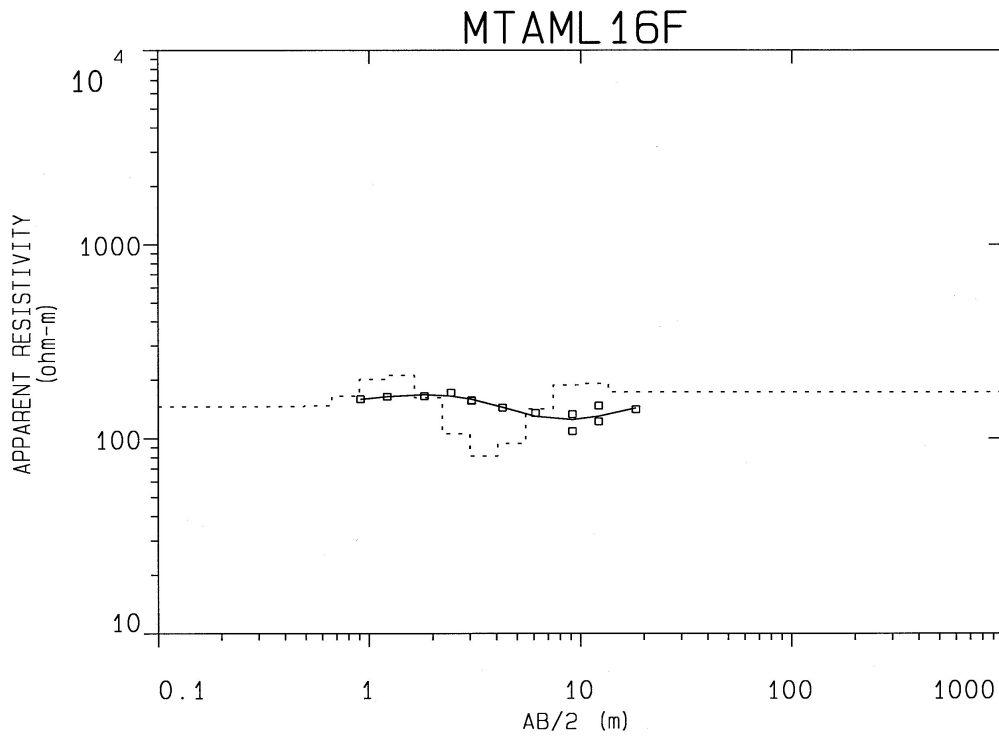


Field Data			Model		
MTAML14F 7/18/97			MTAML14F		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	51.0000	1	3.40394E+02	3.64000E-01
2	1.2200	48.0000	2	2.04997E+02	1.60752E-01
3	1.8300	53.0000	3	5.66520E+01	2.31745E-01
4	2.4400	58.0000	4	5.54597E+01	3.34090E-01
5	3.0500	63.0000	5	2.25378E+02	4.81634E-01
6	4.2700	65.0000	6	2.46276E+02	6.94337E-01
7	3.0500	63.0000	7	6.14633E+01	1.00097E+00
8	4.2700	66.0000	8	3.78329E+01	1.44303E+00
9	6.1000	56.0000	9	1.25977E+02	2.08032E+00
10	9.1400	52.0000	10	2.97188E+02	2.99904E+00
11	12.1900	55.0000	11	1.31336E+02	4.32350E+00
12	9.1400	63.0000	12	3.62666E+01	6.23288E+00
13	12.1900	64.0000	13	3.43172E+01	8.98549E+00
14	18.2900	69.0000	14	1.15233E+02	1.29537E+01
15	24.3800	68.0000	15	4.17884E+02	
16	30.4800	66.0000			
17	42.6700	58.0000			
18	30.4800	101.0000			
19	42.6700	91.0000			
20	60.9600	96.0000			



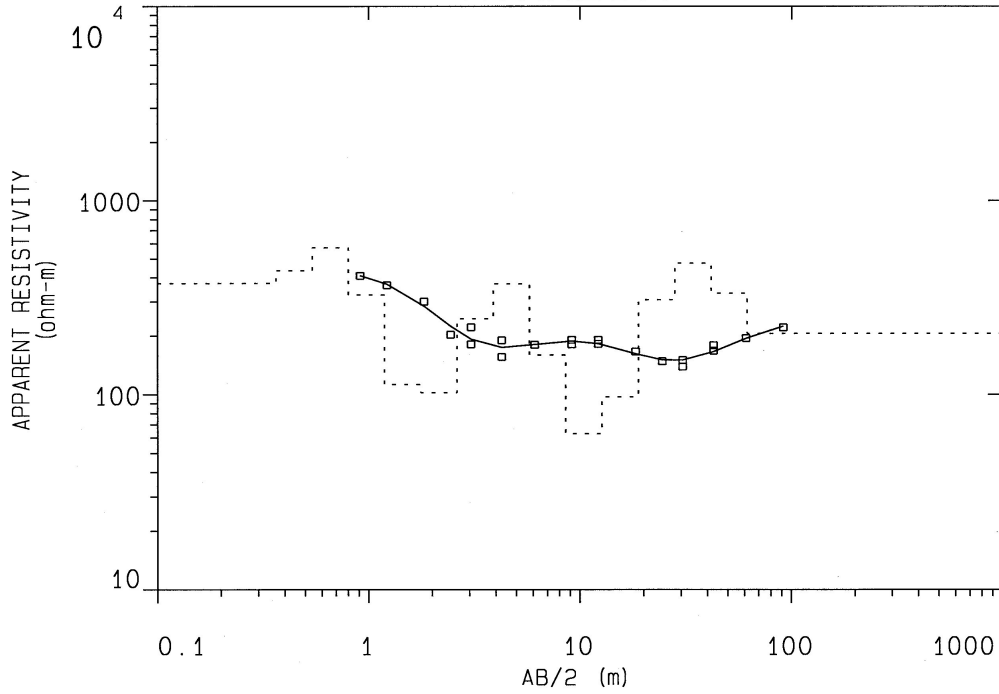
Field Data			Model		
MTAML15F 7/18/97			MTAML15F		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	610.0000	1	3.58325E+02	3.64000E-01
2	1.2200	668.0000	2	4.37357E+02	1.60752E-01
3	1.8300	650.0000	3	9.95202E+02	2.31745E-01
4	2.4400	543.0000	4	1.22608E+03	3.34090E-01
5	3.0500	451.0000	5	4.32250E+02	4.81634E-01
6	4.2700	339.0000	6	1.75361E+02	6.94337E-01
7	3.0500	401.0000	7	1.69119E+02	1.00097E+00
8	4.2700	299.0000	8	1.88482E+02	1.44303E+00
9	6.1000	221.0000	9	1.57947E+02	2.08032E+00
10	9.1400	184.0000	10	1.53138E+02	2.99904E+00
11	12.1900	160.0000	11	1.63642E+02	4.32350E+00
12	9.1400	196.0000	12	1.34964E+02	6.23288E+00
13	12.1900	170.0000	13	1.14094E+02	8.98549E+00
14	18.2900	159.0000	14	1.27078E+02	1.29537E+01
15	24.3800	157.0000	15	1.54599E+02	
16	30.4800	152.0000			
17	42.6700	143.0000			
18	30.4800	142.0000			
19	42.6700	134.0000			
20	60.9600	139.0000			





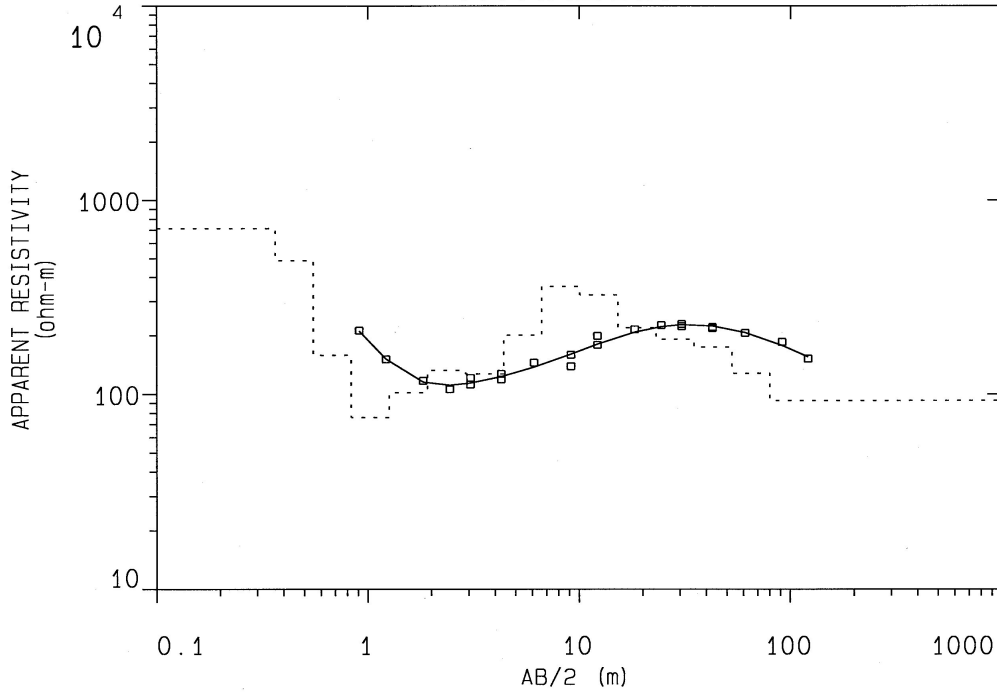
Field Data			Model		
MTAML16	7/18/97	MTAML16	LAYER	RESISTIVITY	THICKNESS
No.	SPACING	RESISTIVITY			
1	0.9100	159.0000	1	1.46009E+02	3.64000E-01
2	1.2200	164.0000	2	1.45739E+02	1.27990E-01
3	1.8300	165.0000	3	1.47327E+02	1.72994E-01
4	2.4400	172.0000	4	1.64926E+02	2.33822E-01
5	3.0500	157.0000	5	2.01537E+02	3.16039E-01
6	4.2700	144.0000	6	2.11117E+02	4.27164E-01
7	3.0500	156.0000	7	1.62114E+02	5.77364E-01
8	4.2700	144.0000	8	1.05657E+02	7.80377E-01
9	6.1000	135.0000	9	8.12522E+01	1.05477E+00
10	9.1400	133.0000	10	9.41355E+01	1.42565E+00
11	12.1900	147.0000	11	1.41801E+02	1.92694E+00
12	9.1400	109.0000	12	1.88181E+02	2.60450E+00
13	12.1900	122.0000	13	1.91647E+02	3.52029E+00
14	18.2900	141.0000	14	1.72858E+02	

# MTAML17F



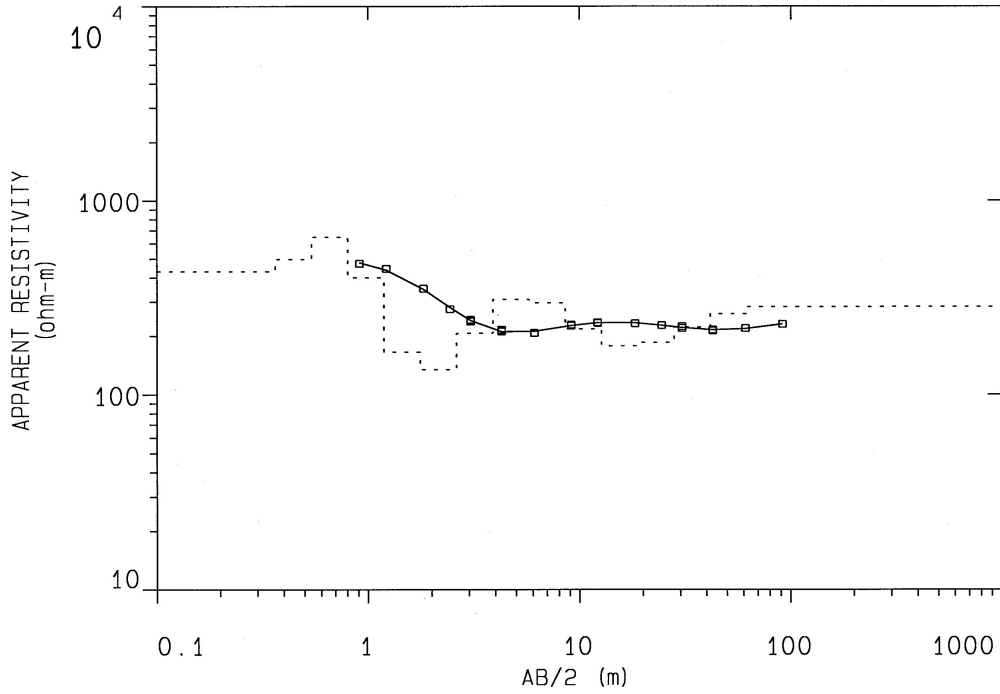
Field Data			Model		
MTAML17 7/18/97			MTAML17		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	409.0000	1	3.73381E+02	3.64000E-01
2	1.2200	366.0000	2	4.34783E+02	1.76172E-01
3	1.8300	301.0000	3	5.70197E+02	2.61438E-01
4	2.4400	203.0000	4	3.25329E+02	3.87972E-01
5	3.0500	181.0000	5	1.12531E+02	5.75746E-01
6	4.2700	156.0000	6	1.02247E+02	8.54402E-01
7	3.0500	222.0000	7	2.45128E+02	1.26792E+00
8	4.2700	190.0000	8	3.71460E+02	1.88159E+00
9	6.1000	180.0000	9	1.59473E+02	2.79226E+00
10	9.1400	191.0000	10	6.28795E+01	4.14368E+00
11	12.1900	191.0000	11	9.72504E+01	6.14919E+00
12	9.1400	181.0000	12	3.07245E+02	9.12533E+00
13	12.1900	182.0000	13	4.75109E+02	1.35419E+01
14	18.2900	166.0000	14	3.32374E+02	2.00961E+01
15	24.3800	148.0000	15	2.06043E+02	
16	30.4800	150.0000			
17	42.6700	179.0000			
18	30.4800	139.0000			
19	42.6700	168.0000			
20	60.9600	195.0000			
21	91.4400	221.0000			

# MTAML18F



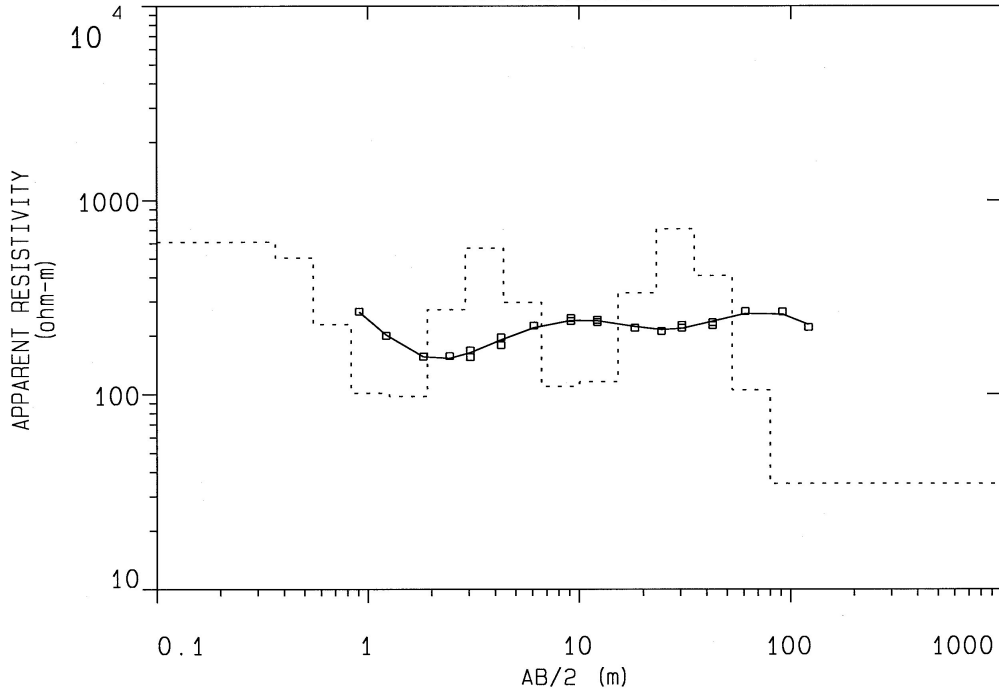
Field Data			Model		
MTAML18 07/19/97			MTAML18		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	212.0000	1	7.14870E+02	3.64000E-01
2	1.2200	151.0000	2	4.87992E+02	1.87160E-01
3	1.8300	117.0000	3	1.58349E+02	2.83394E-01
4	2.4400	106.0000	4	7.60553E+01	4.29109E-01
5	3.0500	112.0000	5	1.01784E+02	6.49746E-01
6	4.2700	119.0000	6	1.32364E+02	9.83831E-01
7	3.0500	121.0000	7	1.27096E+02	1.48969E+00
8	4.2700	127.0000	8	2.00590E+02	2.25566E+00
9	6.1000	145.0000	9	3.57981E+02	3.41547E+00
10	9.1400	159.0000	10	3.23929E+02	5.17163E+00
11	12.1900	199.0000	11	2.19173E+02	7.83076E+00
12	9.1400	139.0000	12	1.91665E+02	1.18572E+01
13	12.1900	179.0000	13	1.74044E+02	1.79538E+01
14	18.2900	215.0000	14	1.27816E+02	2.71853E+01
15	24.3800	226.0000	15	9.25100E+01	
16	30.4800	229.0000			
17	42.6700	221.0000			
18	30.4800	223.0000			
19	42.6700	218.0000			
20	60.9600	206.0000			
21	91.4400	185.0000			
22	121.2200	152.0000			

# MTAML19F

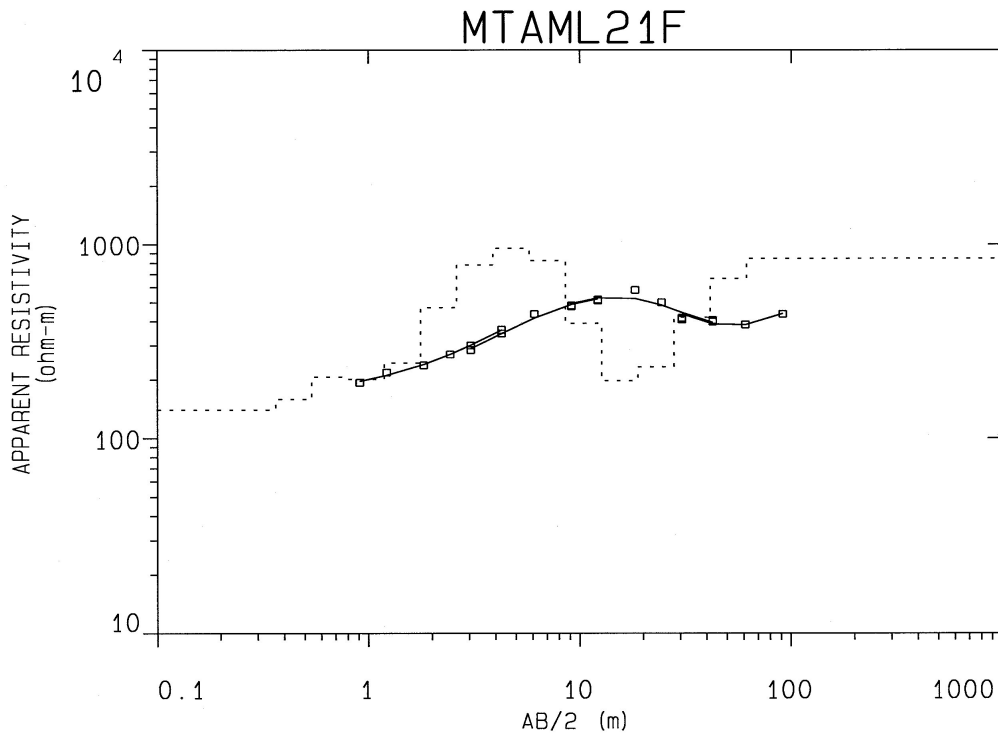


Field Data			Model		
MTAML19F 07/19/97			MTAML19		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	472.0000	1	4.30743E+02	3.64000E-01
2	1.2200	445.0000	2	4.96719E+02	1.76172E-01
3	1.8300	351.0000	3	6.46899E+02	2.61438E-01
4	2.4400	275.0000	4	4.00117E+02	3.87972E-01
5	3.0500	242.0000	5	1.65002E+02	5.75746E-01
6	4.2700	215.0000	6	1.34182E+02	8.54402E-01
7	3.0500	237.0000	7	2.06164E+02	1.26792E+00
8	4.2700	211.0000	8	3.08732E+02	1.88159E+00
9	6.1000	207.0000	9	2.96205E+02	2.79226E+00
10	9.1400	226.0000	10	2.17554E+02	4.14368E+00
11	12.1900	233.0000	11	1.77680E+02	6.14919E+00
12	9.1400	228.0000	12	1.84780E+02	9.12533E+00
13	12.1900	235.0000	13	2.21832E+02	1.35419E+01
14	18.2900	232.0000	14	2.60476E+02	2.00961E+01
15	24.3800	227.0000	15	2.82942E+02	
16	30.4800	219.0000			
17	42.6700	213.0000			
18	30.4800	224.0000			
19	42.6700	215.0000			
20	60.9600	219.0000			
21	91.4400	230.0000			

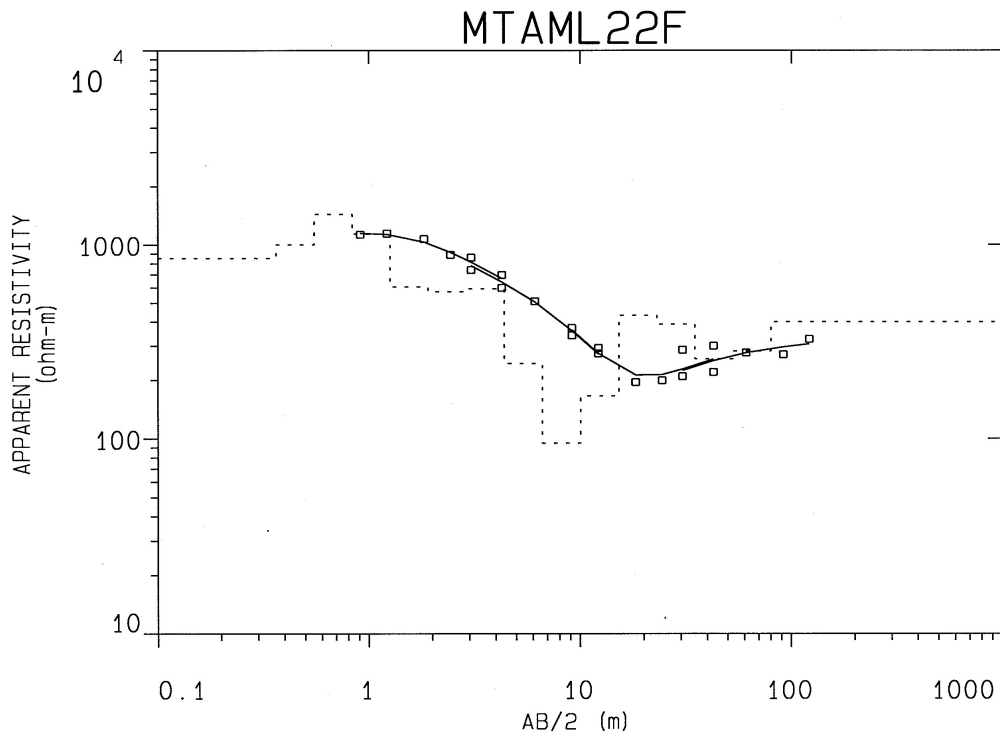
# MTAML20F



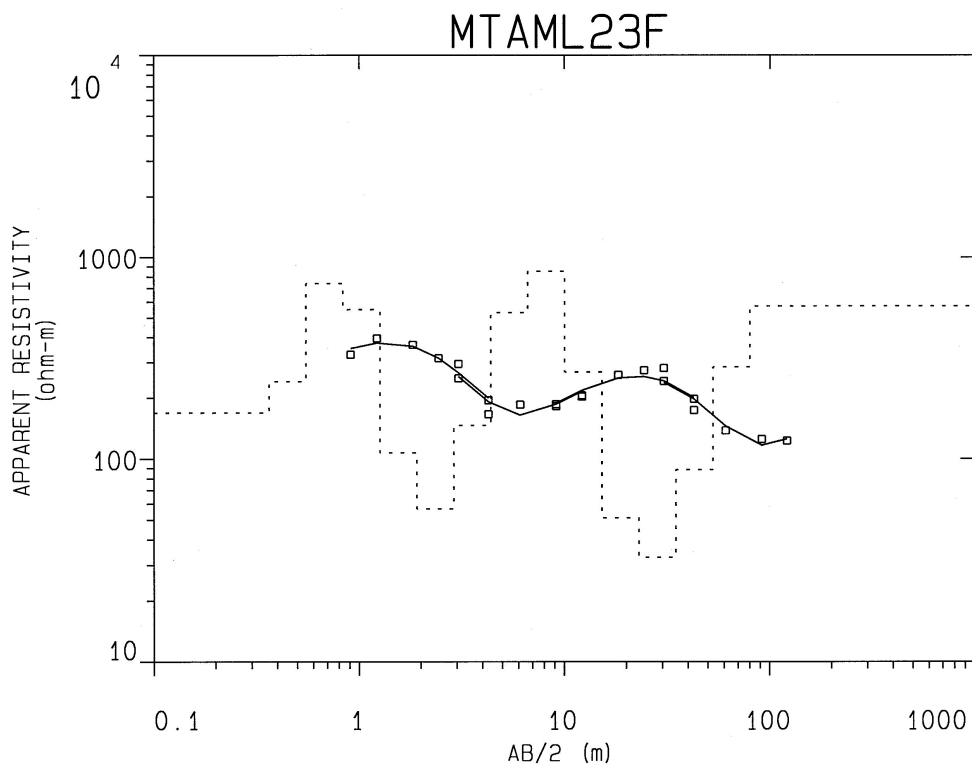
Field Data			Model		
MTAML20 07/19/97			MTAML20		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	266.0000	1	6.08710E+02	3.64000E-01
2	1.2200	200.0000	2	5.04214E+02	1.87160E-01
3	1.8300	156.0000	3	2.28498E+02	2.83394E-01
4	2.4400	157.0000	4	1.01319E+02	4.29109E-01
5	3.0500	155.0000	5	9.74619E+01	6.49746E-01
6	4.2700	179.0000	6	2.72444E+02	9.83831E-01
7	3.0500	168.0000	7	5.65895E+02	1.48969E+00
8	4.2700	196.0000	8	2.96630E+02	2.25566E+00
9	6.1000	225.0000	9	1.09684E+02	3.41547E+00
10	9.1400	246.0000	10	1.15726E+02	5.17163E+00
11	12.1900	241.0000	11	3.31858E+02	7.83076E+00
12	9.1400	238.0000	12	7.11029E+02	1.18572E+01
13	12.1900	235.0000	13	4.08123E+02	1.79538E+01
14	18.2900	219.0000	14	1.05115E+02	2.71853E+01
15	24.3800	211.0000	15	3.49186E+01	
16	30.4800	219.0000			
17	42.6700	226.0000			
18	30.4800	227.0000			
19	42.6700	234.0000			
20	60.9600	267.0000			
21	91.4400	266.0000			
22	121.2200	221.0000			



Field Data			Model		
MTAML21 07/20/97			MTAML21		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	193.0000	1	1.39795E+02	3.64000E-01
2	1.2200	218.0000	2	1.58416E+02	1.76172E-01
3	1.8300	237.0000	3	2.06691E+02	2.61438E-01
4	2.4400	270.0000	4	2.01616E+02	3.87972E-01
5	3.0500	300.0000	5	2.43284E+02	5.75746E-01
6	4.2700	361.0000	6	4.71695E+02	8.54402E-01
7	3.0500	284.0000	7	7.82412E+02	1.26792E+00
8	4.2700	346.0000	8	9.52058E+02	1.88159E+00
9	6.1000	436.0000	9	8.22371E+02	2.79226E+00
10	9.1400	477.0000	10	3.90032E+02	4.14368E+00
11	12.1900	512.0000	11	1.97309E+02	6.14919E+00
12	9.1400	482.0000	12	2.32639E+02	9.12533E+00
13	12.1900	517.0000	13	4.19008E+02	1.35419E+01
14	18.2900	579.0000	14	6.65439E+02	2.00961E+01
15	24.3800	500.0000	15	8.45382E+02	
16	30.4800	416.0000			
17	42.6700	405.0000			
18	30.4800	408.0000			
19	42.6700	398.0000			
20	60.9600	385.0000			
21	91.4400	436.0000			



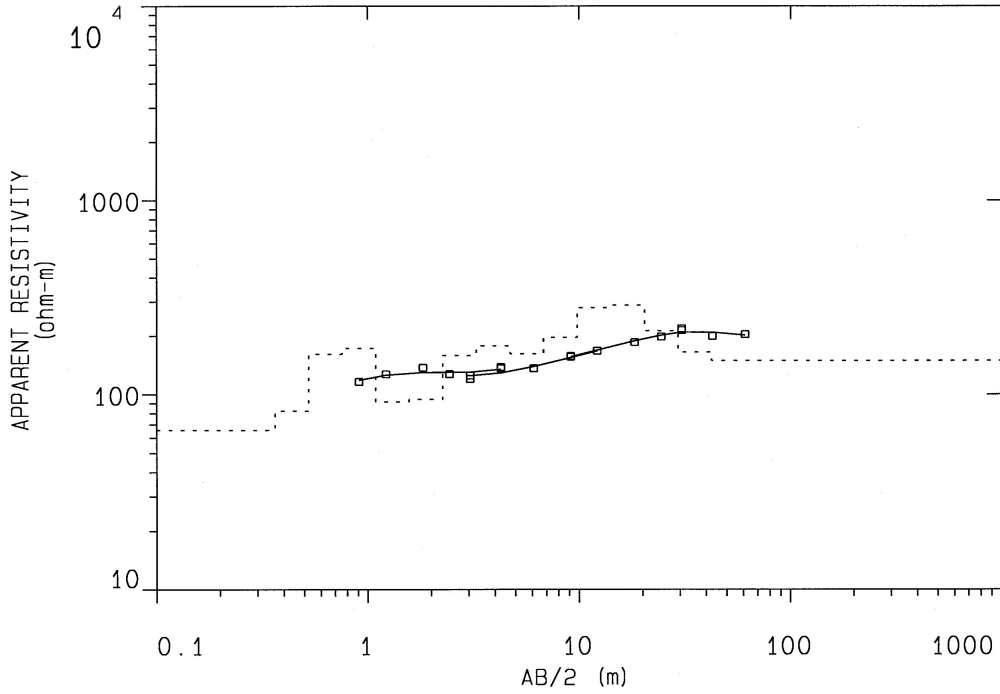
Field Data			Model		
07/20/97			MTAML22		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	1128.0000	1	8.53018E+02	3.64000E-01
2	1.2200	1142.0000	2	9.99862E+02	1.87160E-01
3	1.8300	1071.0000	3	1.43535E+03	2.83394E-01
4	2.4400	887.0000	4	1.13513E+03	4.29109E-01
5	3.0500	740.0000	5	6.06024E+02	6.49746E-01
6	4.2700	599.0000	6	5.71225E+02	9.83831E-01
7	3.0500	858.0000	7	5.92023E+02	1.48969E+00
8	4.2700	698.0000	8	2.43449E+02	2.25566E+00
9	6.1000	510.0000	9	9.46088E+01	3.41547E+00
10	9.1400	340.0000	10	1.65553E+02	5.17163E+00
11	12.1900	274.0000	11	4.31058E+02	7.83076E+00
12	9.1400	371.0000	12	3.89209E+02	1.18572E+01
13	12.1900	292.0000	13	2.57136E+02	1.79538E+01
14	18.2900	195.0000	14	2.82090E+02	2.71853E+01
15	24.3800	199.0000	15	3.98472E+02	
16	30.4800	209.0000			
17	42.6700	220.0000			
18	30.4800	286.0000			
19	42.6700	300.0000			
20	60.9600	277.0000			
21	91.4400	271.0000			
22	121.2200	325.0000			



Field Data			Model		
MTAML23 07/20/97			MTAML23		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	328.0000	1	1.68854E+02	3.64000E-01
2	1.2200	395.0000	2	2.41135E+02	1.87160E-01
3	1.8300	367.0000	3	7.41857E+02	2.83394E-01
4	2.4400	315.0000	4	5.48808E+02	4.29109E-01
5	3.0500	250.0000	5	1.07175E+02	6.49746E-01
6	4.2700	166.0000	6	5.67944E+01	9.83831E-01
7	3.0500	295.0000	7	1.46348E+02	1.48969E+00
8	4.2700	195.0000	8	5.30008E+02	2.25566E+00
9	6.1000	185.0000	9	8.50472E+02	3.41547E+00
10	9.1400	182.0000	10	2.68590E+02	5.17163E+00
11	12.1900	203.0000	11	5.12708E+01	7.83076E+00
12	9.1400	186.0000	12	3.28168E+01	1.18572E+01
13	12.1900	206.0000	13	8.82809E+01	1.79538E+01
14	18.2900	260.0000	14	2.84541E+02	2.71853E+01
15	24.3800	274.0000	15	5.71323E+02	
16	30.4800	242.0000			
17	42.6700	174.0000			
18	30.4800	281.0000			
19	42.6700	198.0000			
20	60.9600	138.0000			
21	91.4400	125.0000			
22	121.2200	123.0000			



# MTAML24F



Field Data			Model		
MTAML24 07/20/97			MTAML24		
No.	SPACING	RESISTIVITY	LAYER	RESISTIVITY	THICKNESS
1	0.9100	116.0000	1	6.56772E+01	3.64000E-01
2	1.2200	127.0000	2	8.22652E+01	1.60752E-01
3	1.8300	137.0000	3	1.61093E+02	2.31745E-01
4	2.4400	127.0000	4	1.72325E+02	3.34090E-01
5	3.0500	120.0000	5	9.17063E+01	4.81634E-01
6	4.2700	136.0000	6	9.44392E+01	6.94337E-01
7	3.0500	125.0000	7	1.58672E+02	1.00097E+00
8	4.2700	138.0000	8	1.77541E+02	1.44303E+00
9	6.1000	136.0000	9	1.61651E+02	2.08032E+00
10	9.1400	156.0000	10	1.96120E+02	2.99904E+00
11	12.1900	167.0000	11	2.79336E+02	4.32350E+00
12	9.1400	157.0000	12	2.86921E+02	6.23288E+00
13	12.1900	167.0000	13	2.12262E+02	8.98549E+00
14	18.2900	185.0000	14	1.64609E+02	1.29537E+01
15	24.3800	198.0000	15	1.48746E+02	
16	30.4800	213.0000			
17	30.4800	218.0000			
18	42.6700	199.0000			
19	60.9600	203.0000			