

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SCHLUMBERGER SOUNDING RESULTS NEAR TWIN FALLS, IDAHO

By

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INTRODUCTION

The U.S. Geological Survey has made 85 Schlumberger soundings near Twin Falls, Idaho since 1982. These soundings were made in support of the Water Resources Division Regional Aquifer-Systems Analysis study. The soundings were made to estimate the thickness of the basalt, which is the main aquifer in this area.

The surveyed area is mostly in the Snake River Plain and is composed primarily of Quaternary basalt. Interflow zones of cinders and rubble make for high porosity and high hydraulic conductivity (Whitehead and Lindholm, 1985). Tertiary aged Banbury Basalt of the Idaho Group (Covington, 1976) is exposed in the wall of the Snake River canyon and probably underlies the Quaternary basalt in the study area.

The purpose of this report is to release the observed Schlumberger sounding data. An automatic interpretation of the soundings is also given.

SCHLUMBERGER SOUNDINGS

Figure 1 is a map showing the location and identifying number of the 85 Schlumberger soundings. The soundings are labeled 1 thru 59 and 101 thru 126. The soundings were automatically processed and interpreted as a series of horizontal layers using a computer program written by Zohdy (1973). Some soundings were distorted due to the effects of cultural conditions such as metal fences, grounded powerlines, and buried telephone cables. When possible the distorted soundings were smoothed to give a sounding that could be interpreted. Some soundings were too distorted to smooth. The individual sounding interpretations are given in the appendix. For each sounding the data in the appendix include:

- 1) A log-log plot of the field data points where the "0"'s represent the individual data points. Data points measured with the same potential electrode spacing are connected with a solid line. The current electrode half spacings ($AB/2$), which were measured in feet, have been converted to meters.
- 2) A tabulation of the $AB/2$ spacings in meters and the corresponding apparent resistivities in ohm-m.

- 3) A log-log plot of the output of the automatic inversion program in which:
- a) The continuous curve represents the shifted-digitized field curve obtained by shifting the segments of the field curve to produce a continuous curve and digitizing the shifted-curve at the rate of six points per log-cycle.
 - b) The step-function curve represents the distribution of interpreted resistivity with depth (interpreted model).
 - c) The plus (+) symbols represent points on a theoretical curve calculated from the interpreted model. These data are plotted to show how well the model represents the shifted-digitized data.
- 4) A tabulation of the interpreted depths in meters and the interpreted resistivities in ohm-m. The last layer depth is an arbitrarily large number and is intended to represent an infinite depth.

Soundings that were manually smoothed are indicated by a "-S" appended to the title on the plot of the interpretation (item 3 above). Although sounding 10 was affected by a metal fence, the data show none of the symptoms of cultural problems, in fact the sounding looks good. The only indication that something is wrong is that this sounding indicates a different resistivity section than that indicated by nearby soundings. To verify that the curve was distorted, sounding 11 was made about 400 m to the south, away from any possible cultural influences. The two soundings are similar to an AB/2 spacing of about 180 m, then sounding 10 starts to rise, indicating a more resistive structure, while sounding 11 is descending slightly, indicating a somewhat more conductive structure.

The USGS drilled a test hole near soundings 47 and 16 to verify the interpretation of the Schlumberger sounding data and to make various hydraulic tests (Whitehead and Lindholm, 1985). The automatic interpretation of sounding 47 and the lithologic interpretation from the test well have similar features but depths from the sounding interpretation are deeper. Depths from the lithologic interpretation were used with a guess and reguess interpretation scheme in order to develop a resistivity model that would fit the lithologic model observed in the test well as well as the original sounding data. Figure 2 shows the original resistivity model, the resistivity model using the test well depths and the lithologic model. A sounding curve calculated from the resistivity model that used the test well depths, fits the sounding data as accurately as the original resistivity model. The 2 resistivity models are an example of equivalence (Zohdy and others, 1974, Bisdorf, 1985).

SUMMARY

Although the interpretation of sounding 47 resulted in depths deeper than those observed in the test well, the sounding did detect

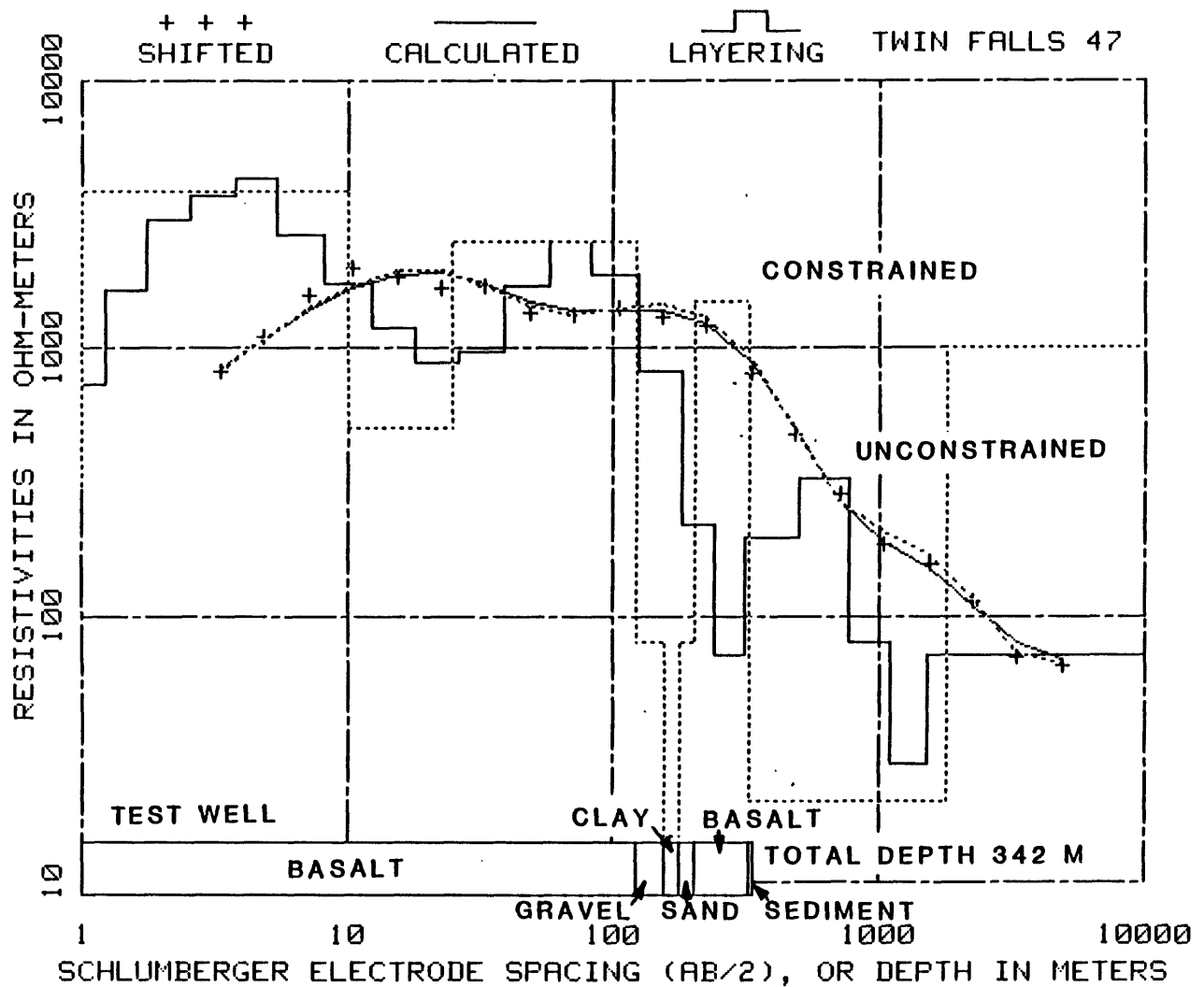


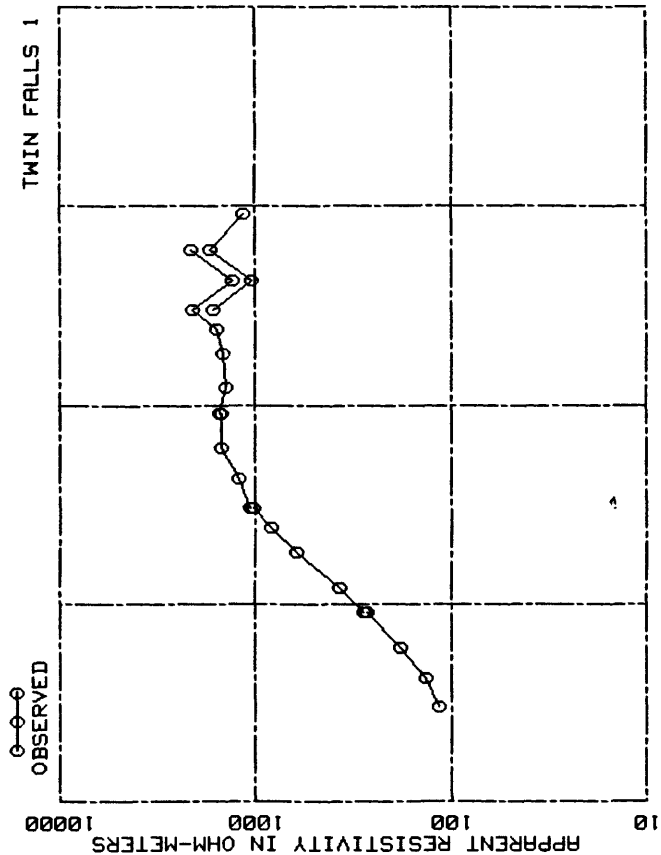
Figure 2. Plot of sounding 47. The plus signs represent the digitized points, and the solid lines represent the results of the automatic interpretation. The dashed lines represent a model that matches the depths as seen on the test well, and the strip at the bottom of the plot represents the lithologic model from the test well.

the presence of a low resistivity layer beneath the surface basalt. Using the results of the test well and a different interpretation scheme it will be possible to generate more accurate resistivity models for the other soundings.

REFERENCES

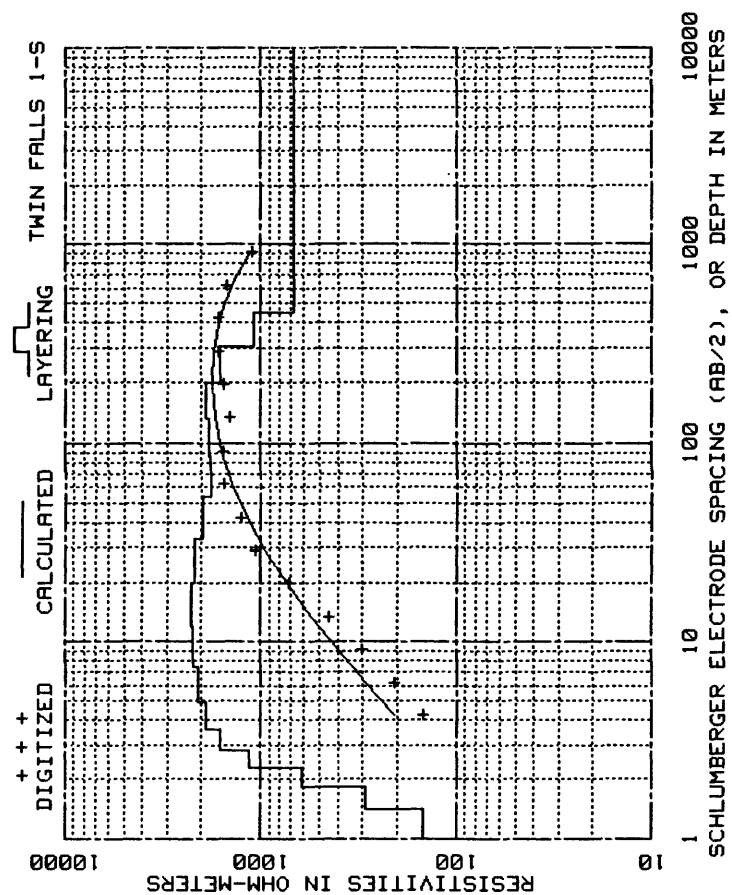
- Bisdorf, R.J., 1985, Electrical Techniques for Engineering Applications: Bulletin of the Association of Engineering Geologists, vol. XXII, no. 4, p. 421-433.
- Covington, H.R., 1976, Geologic map of the Snake River canyon near Twin Falls, Idaho: U.S. Geological Survey Miscellaneous Field Studies Map MF-809, scale 1:24000, 2 sheets.
- Whitehead, R.L., Lindholm, G.F., 1985, Results of test drilling in the eastern Snake River Plain, Gooding county, Idaho: U.S. Geological Survey Water- Investigations Report 84-4294, 30 p.
- Zohdy, A.A.R., 1973, A computer program for the automatic interpretation of Schlumberger sounding curves over horizontally stratified media: NTIS PB 203 703, Springfield, Va. 25 p.
- Zohdy, A.A.R., Eaton, G.P., and Maybey, D.R., 1974, Applications of surface geophysics to ground water investigations: Techniques of water resources investigations of the United States Geological Survey, book 2, chapter D1, 116 p.

APPENDIX

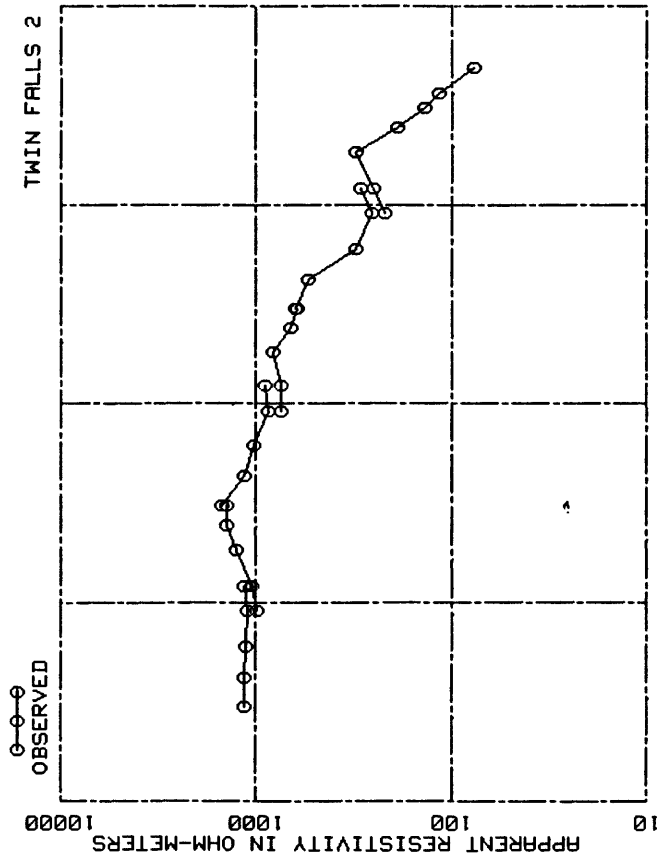


9 SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

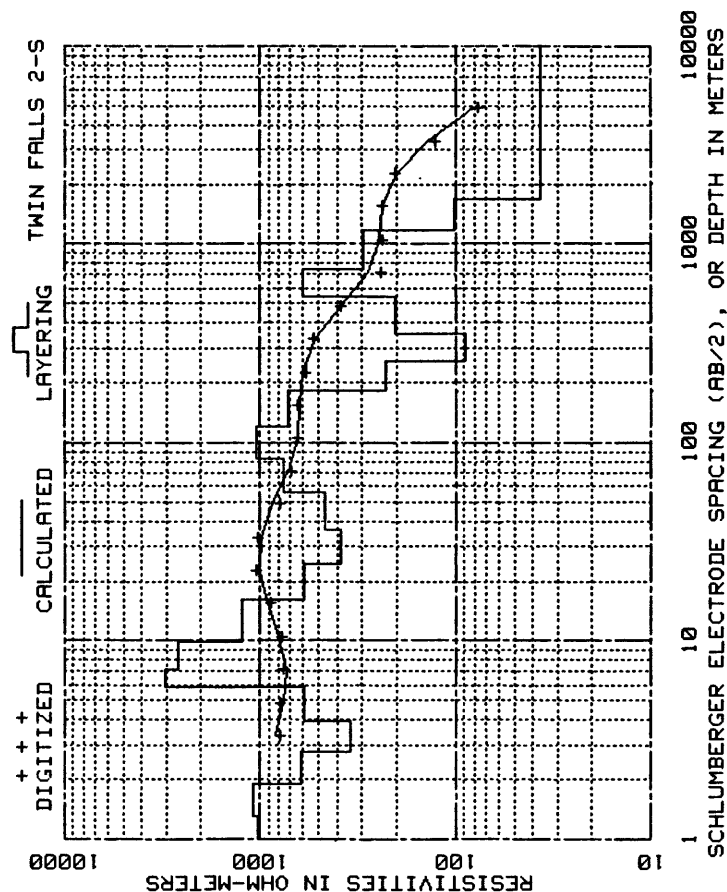
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	115.00	91.44	1500.00
4.27	135.00	91.44	1510.00
6.10	183.00	121.92	1460.00
9.14	272.00	182.88	1475.00
9.14	282.00	243.84	1570.00
12.19	372.00	304.80	2100.00
18.29	620.00	426.72	1300.00
24.38	830.00	609.60	2150.00
30.48	1030.00	304.80	1650.00
30.48	1060.00	426.72	1950.00
42.67	1220.00	609.60	1700.00
60.96	1480.00	914.40	1150.00



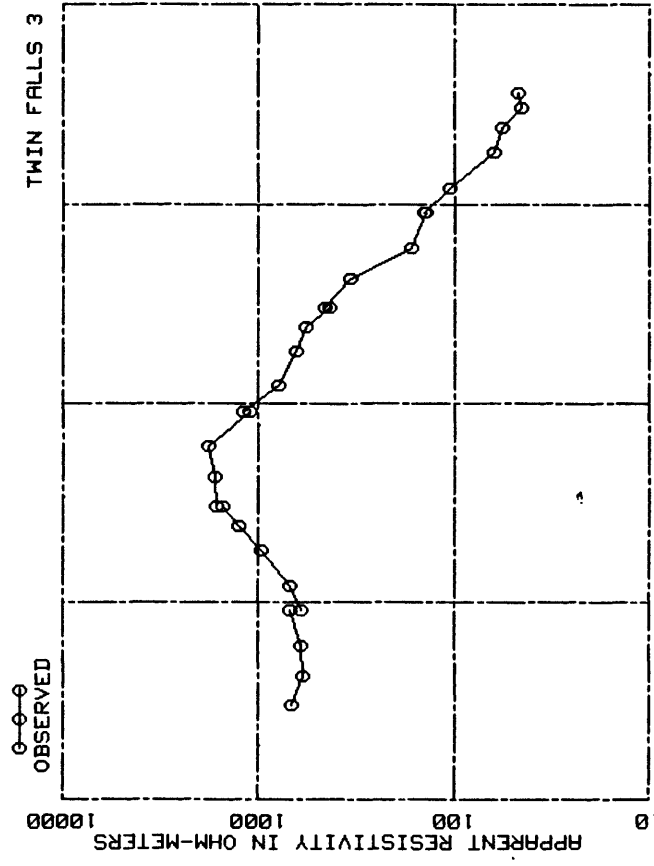
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.32	62.53	7.44	2094.84
.47	65.69	11.88	2226.76
.68	72.91	19.69	2254.00
.99	93.19	32.88	2157.64
1.39	148.19	53.94	1970.36
1.84	292.43	85.80	1811.07
2.29	621.15	132.71	1823.06
2.82	1140.52	201.56	1889.25
3.60	1608.89	302.85	1602.19
4.97	1893.69	447.44	1075.25
		999999.99	680.91



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	1140.00	121.92	750.00
4.27	1150.00	182.88	820.00
6.10	1120.00	243.84	660.00
9.14	1100.00	304.80	620.00
12.19	1150.00	384.80	625.00
9.14	990.00	426.72	540.00
12.19	1040.00	609.60	310.00
18.29	1250.00	914.40	235.00
24.38	1410.00	1219.20	290.00
30.48	1420.00	914.40	220.00
30.48	1500.00	1219.20	250.00
42.67	1150.00	1828.80	310.00
60.96	1030.00	2438.40	190.00
91.44	870.00	3048.00	138.00
121.92	900.00	3657.60	115.00
91.44	750.00	4876.80	76.50

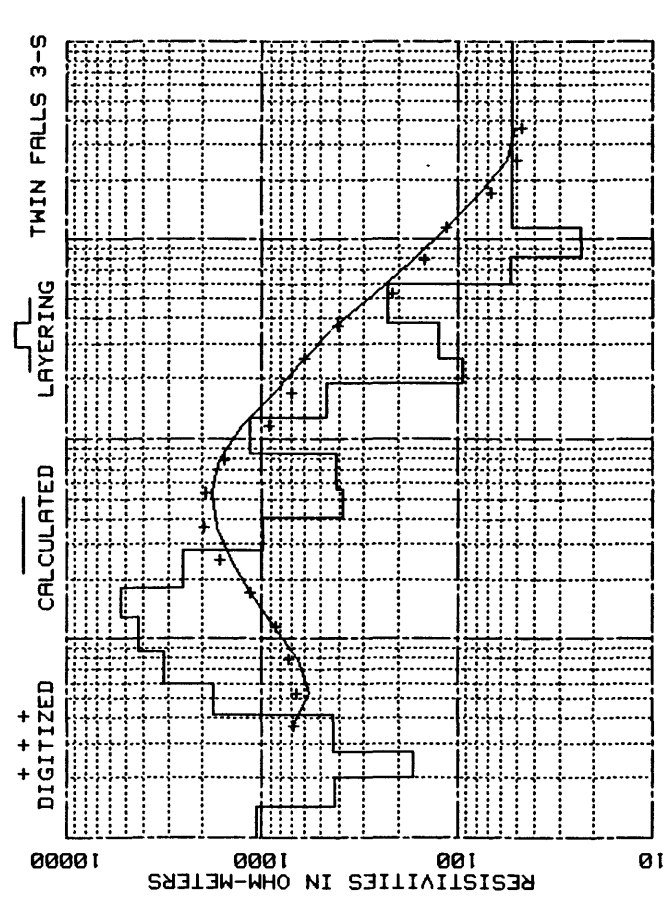


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.19	873.77	24.49	597.54
.28	891.80	36.48	387.46
.41	873.91	55.37	468.84
.61	831.36	83.14	762.10
.89	843.22	121.72	1033.79
1.30	1016.44	182.79	714.93
1.91	1079.73	257.74	228.97
2.78	617.73	349.31	88.73
3.57	346.72	541.04	201.76
5.90	598.67	753.13	603.32
7.19	3021.93	1169.27	295.49
9.96	2601.55	1690.65	101.06
16.85	1232.45	999999.99	36.79



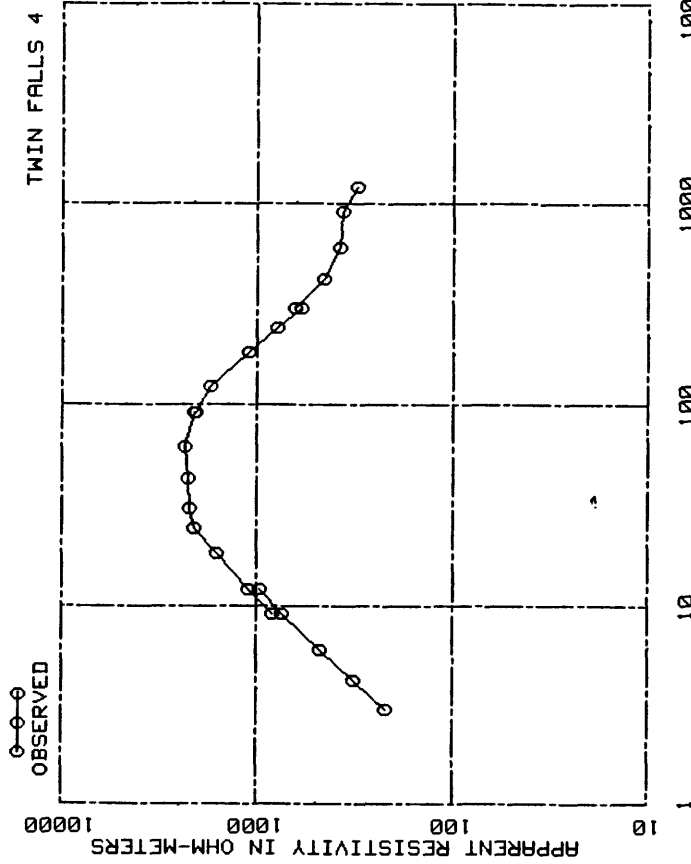
TWIN FALLS 3

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	675.00	121.92	790.00
4.27	590.00	182.80	640.00
6.10	610.00	243.84	570.00
9.14	685.00	304.80	430.00
12.19	610.00	304.80	460.00
18.29	960.00	426.72	340.00
24.38	1260.00	609.60	165.00
30.48	1520.00	914.40	140.00
42.67	1660.00	1219.20	143.00
60.96	1800.00	1928.80	62.00
91.44	1100.00	2438.40	57.00
		3048.00	45.00
		3657.60	47.00

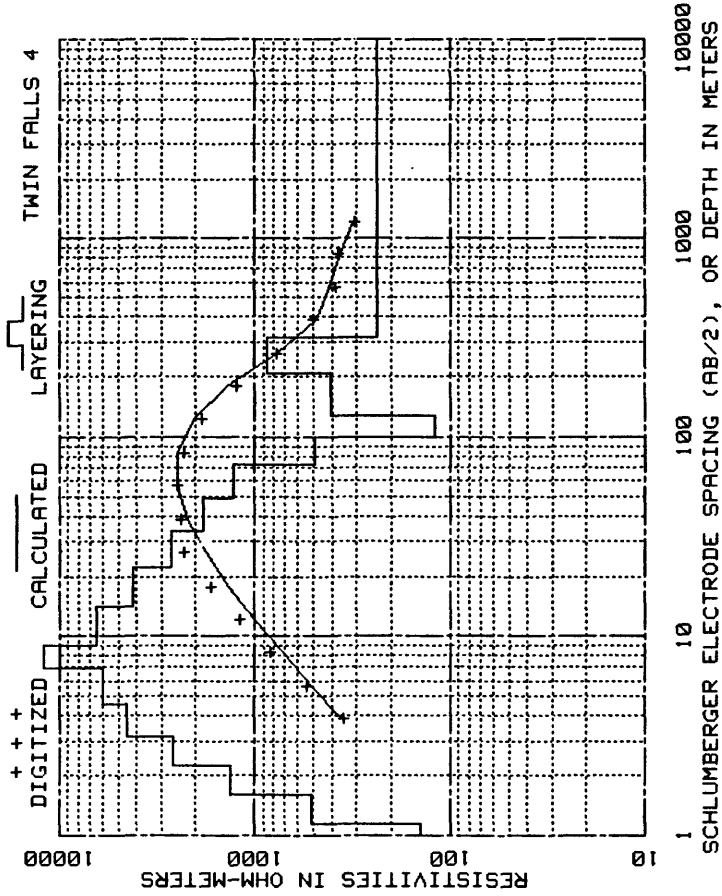


TWIN FALLS 3-S

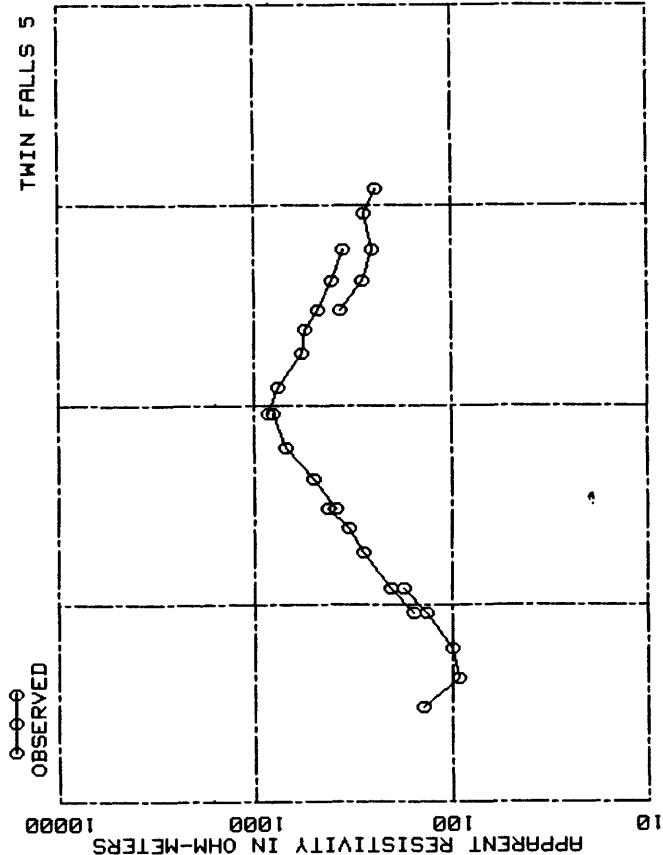
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	1393.62	18.15	5289.76
.31	1354.60	20.00	2525.69
.45	1345.80	40.64	988.90
.67	1430.53	56.06	387.69
.98	1483.80	83.95	416.81
1.43	1062.59	127.04	1145.75
2.00	419.62	190.94	464.54
2.71	169.97	251.07	94.23
4.16	435.02	378.99	124.86
5.95	1779.41	591.65	226.47
8.97	3175.73	828.40	53.32
12.91	4236.08	1140.97	23.57
		999999.99	52.52



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.85	220.00	60.96	2320.00
4.27	318.00	91.44	2080.00
6.10	478.00	91.44	2040.00
9.14	740.00	121.92	1730.00
12.19	960.00	182.88	1100.00
9.14	830.00	243.84	780.00
12.19	1110.00	304.80	590.00
18.29	1600.00	304.80	640.00
24.38	2080.00	426.72	460.00
30.48	2210.00	609.60	375.00
30.48	2220.00	914.40	365.00
42.67	2250.00	1219.20	310.00

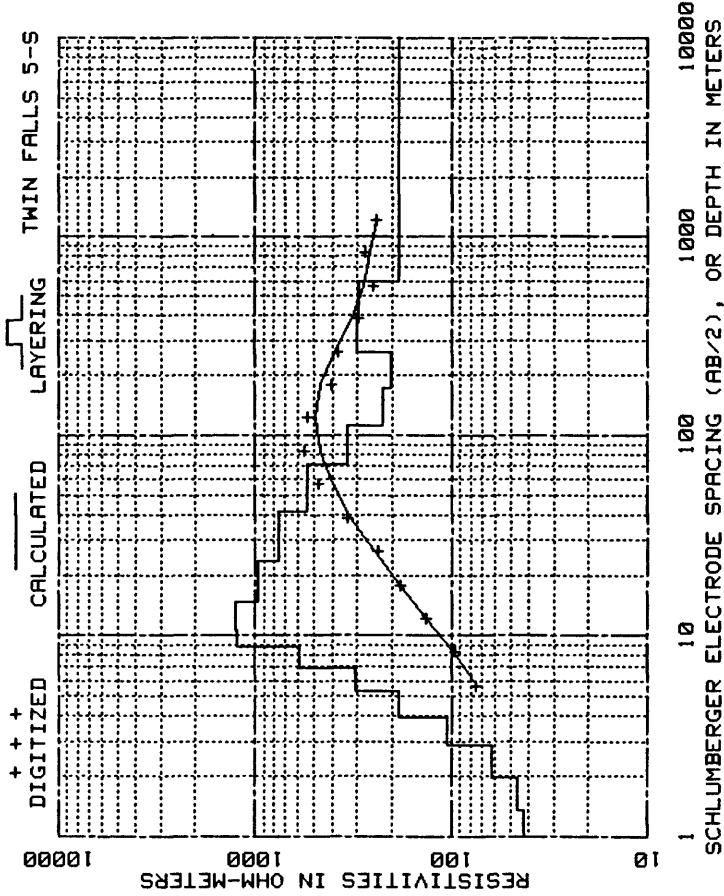


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.17	147.79	8.96	12037.71
.25	120.97	14.07	6487.94
.36	217.58	22.85	4198.75
.53	183.57	33.34	2689.81
.77	87.61	49.37	1823.95
1.14	141.00	72.44	1277.36
1.61	506.40	100.29	489.11
2.23	1320.13	128.18	119.62
3.16	2605.66	207.56	410.54
4.56	4546.44	312.43	863.45
6.91	5972.96	999999.99	234.09



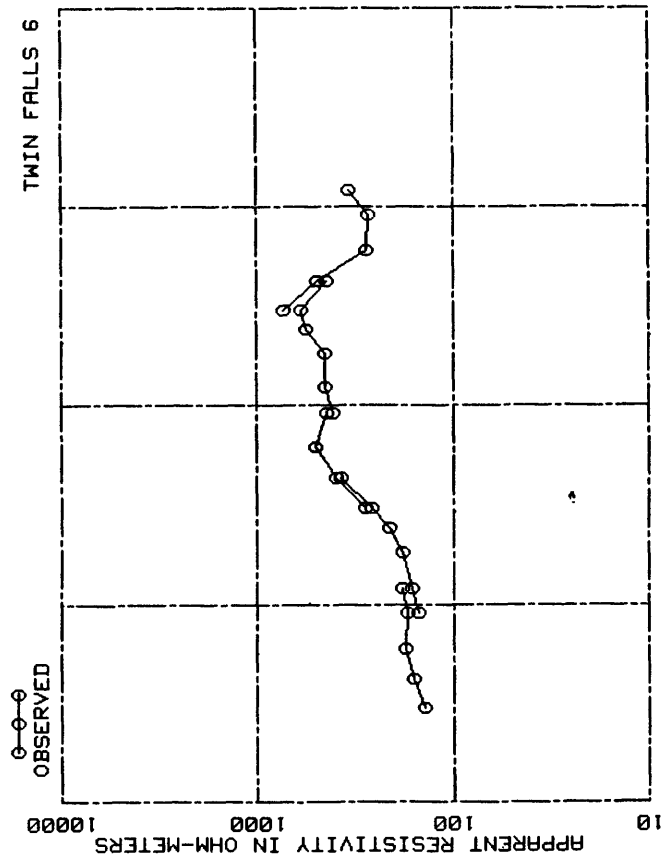
TWIN FALLS 5
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	140.00	91.44	800.00
4.27	93.00	91.44	855.00
6.10	100.00	121.92	760.00
9.14	135.00	182.88	570.00
12.19	175.00	243.84	550.00
9.14	155.00	304.80	470.00
12.19	205.00	426.72	400.00
18.29	278.00	609.60	350.00
24.38	332.00	804.80	365.00
30.48	420.00	1219.20	280.00
42.67	505.00	609.60	250.00
60.96	688.00	914.40	275.00
			240.00



TWIN FALLS 5-S
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

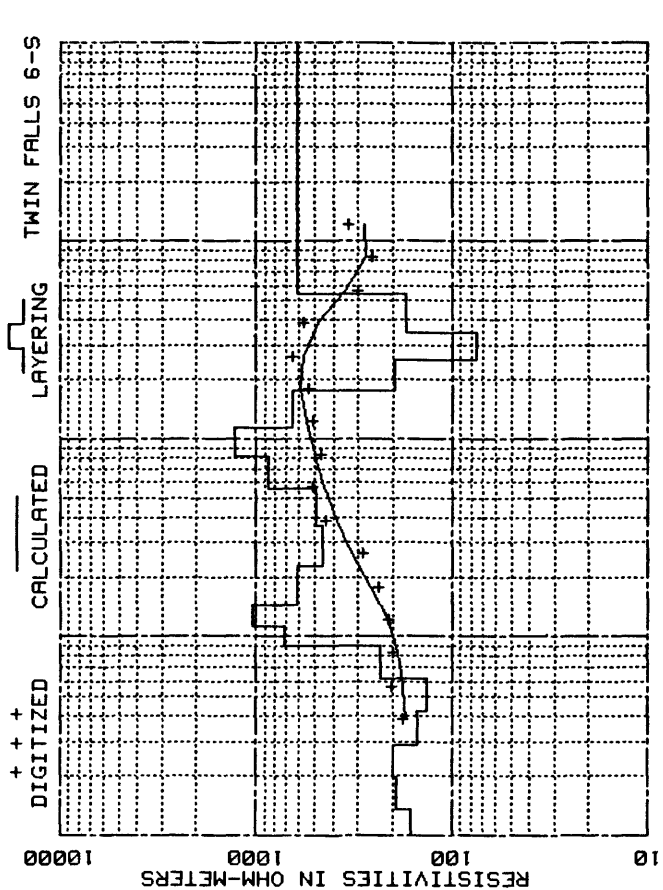
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.42	44.00	10.74	1237.00
.62	43.93	14.59	1260.00
.91	43.21	23.73	970.61
1.34	42.54	41.56	754.29
1.97	46.00	70.67	536.19
2.85	62.53	112.42	339.99
3.97	106.11	171.17	222.01
5.30	185.71	259.72	203.92
6.96	308.84	394.93	299.86
8.83	589.32	593.46	297.58
		999.999.99	185.90



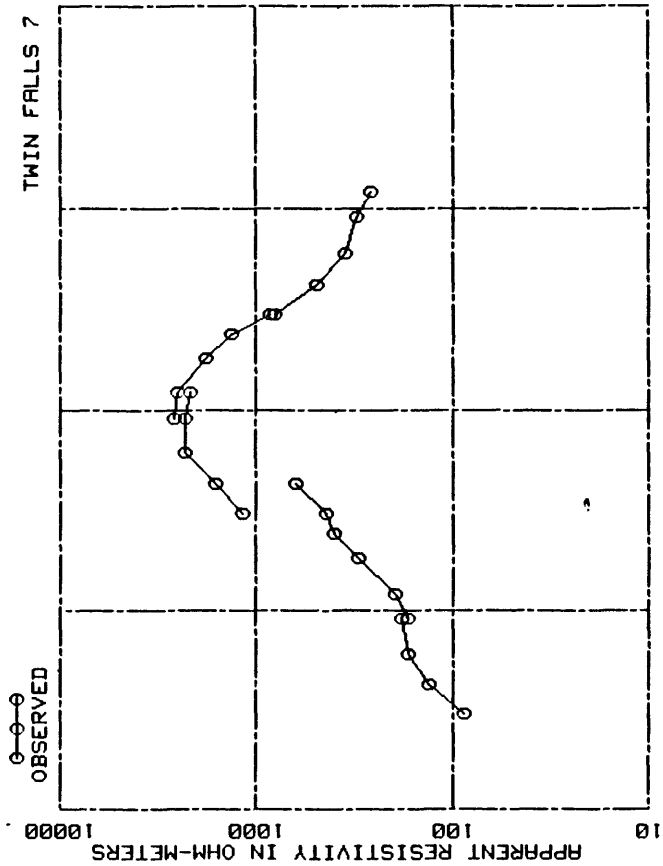
0-0-0 OBSERVED

1 SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

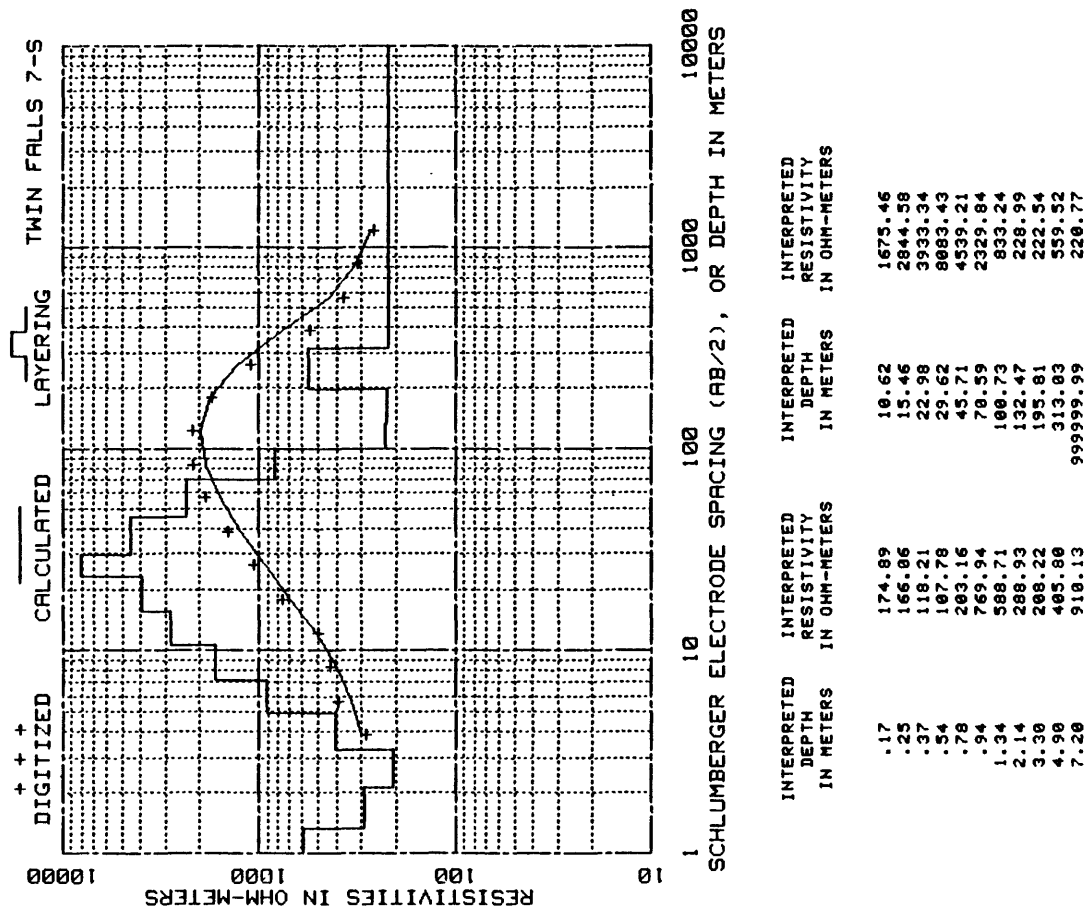
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	140.00	60.96	500.00
4.27	160.00	91.44	440.00
6.10	175.00	91.44	410.00
9.14	172.00	121.92	450.00
12.19	180.00	182.88	445.00
12.19	180.00	243.84	560.00
12.19	163.00	304.80	590.00
18.29	183.00	426.72	440.00
24.38	210.00	304.80	730.00
30.48	260.00	426.72	495.00
42.67	370.00	609.60	275.00
42.67	280.00	914.40	270.00
	390.00	1219.20	340.00

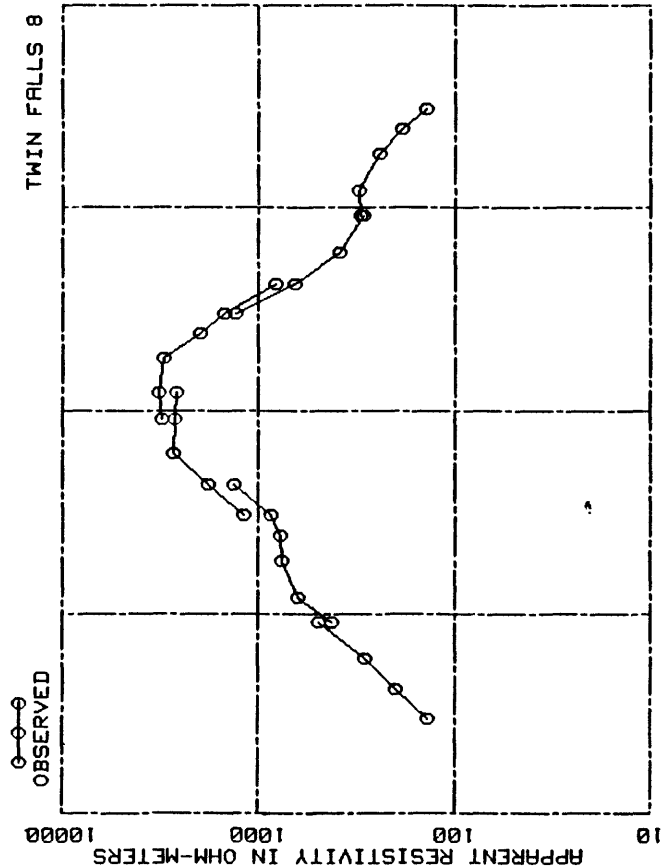


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.29	158.42	14.52	1047.33
.42	158.86	22.67	618.98
.62	157.59	36.13	454.15
.91	155.69	55.83	488.79
1.34	162.92	80.80	868.93
1.95	191.31	114.13	1281.14
2.87	201.01	176.89	654.01
4.22	150.64	252.40	197.07
6.19	133.58	344.62	75.61
8.96	230.19	541.28	172.25
11.27	715.01	999999.99	616.27

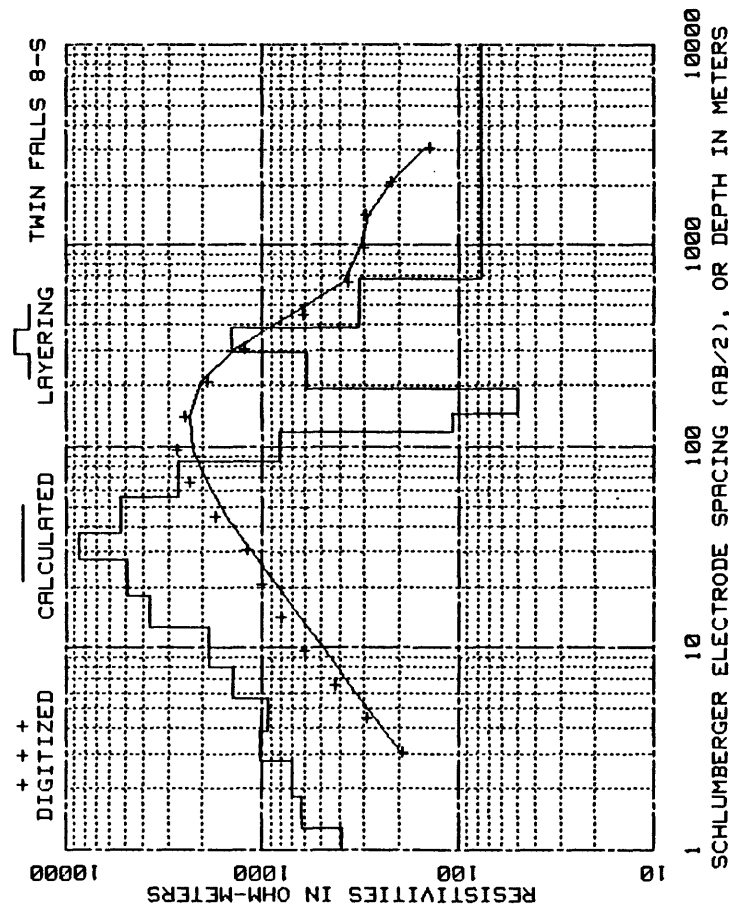


AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	88.00	60.96	2300.00
4.27	132.00	91.44	2280.00
6.10	168.00	121.92	2160.00
9.14	182.00	91.44	2600.00
9.14	178.00	121.92	2530.00
12.19	195.00	182.88	1800.00
18.29	304.00	243.84	1330.00
24.38	400.00	304.80	945.00
30.48	440.00	384.00	800.00
42.67	630.00	426.72	490.00
30.48	1170.00	609.60	350.00
42.67	1600.00	914.40	305.00
		1219.20	260.00

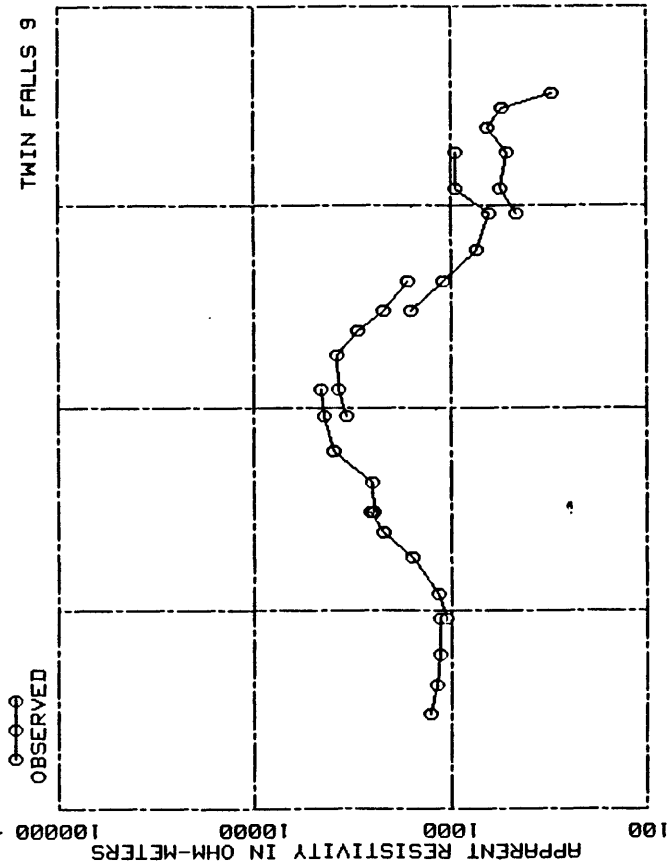




AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	138.00	91.44	3120.00
4.27	198.00	121.92	3200.00
6.10	285.00	182.88	3950.00
9.14	498.00	243.84	1990.00
12.19	625.00	304.80	1500.00
18.29	765.00	426.72	920.00
24.38	770.00	569.00	650.00
38.48	860.00	609.60	585.00
42.67	1340.00	914.40	290.00
30.48	1180.00	1219.20	310.00
42.67	1800.00	1828.80	243.00
60.96	2700.00	2438.40	185.00
91.44	2660.00	3048.00	140.00
121.92	2600.00		

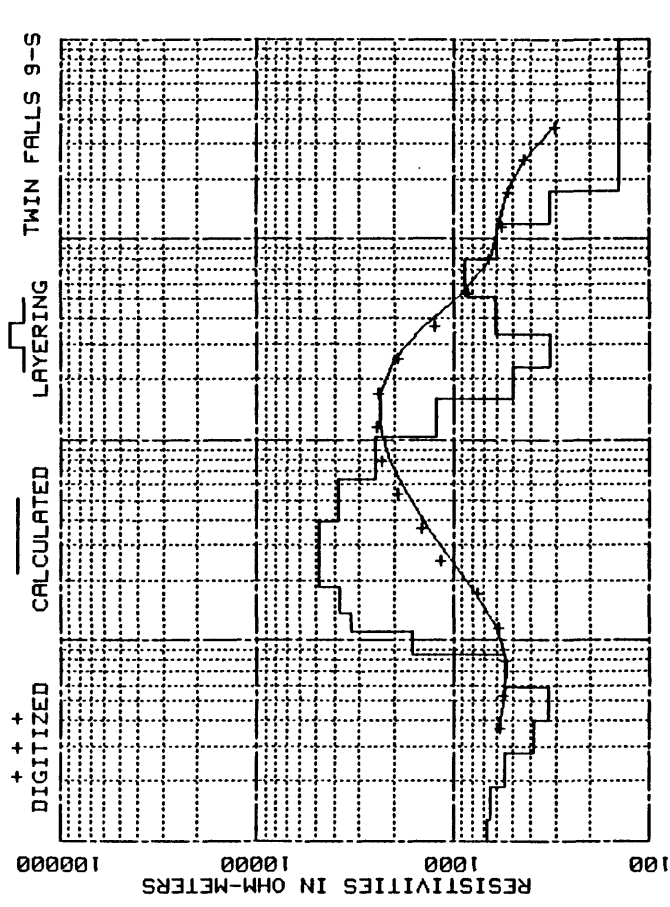


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.14	67.17	12.59	1877.84
.20	97.36	18.24	3749.85
.29	65.08	27.41	4918.37
.42	42.19	36.59	8518.03
.62	68.11	55.81	5285.70
.90	180.85	84.51	2664.16
1.27	389.02	118.61	819.35
1.83	623.58	145.67	106.67
2.78	787.90	194.69	50.86
3.85	1028.57	294.67	592.51
5.67	931.01	386.86	1438.05
8.07	1399.30	679.48	319.17
		999999.99	76.64



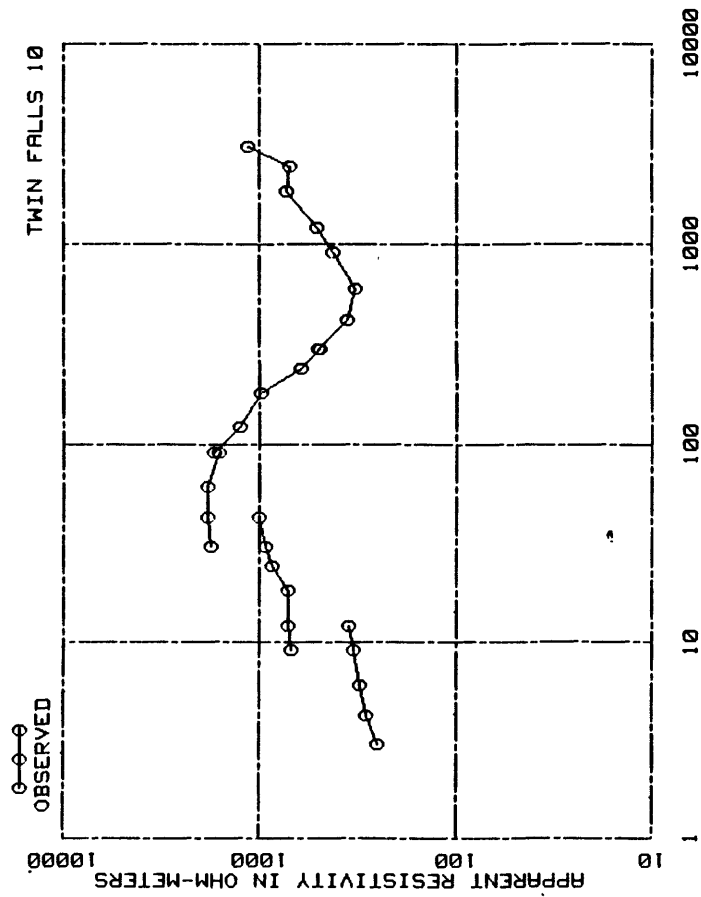
TWIN FALLS 9
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	1260.00	182.08	3750.00
4.27	1190.00	243.94	2950.00
6.10	1142.00	304.80	2200.00
9.14	1140.00	426.72	1648.00
12.19	1060.00	604.80	1600.00
18.29	1160.00	826.72	1100.00
24.38	1560.00	1099.60	740.00
30.48	2200.00	1471.40	630.00
36.58	2560.00	1943.20	940.00
42.67	2440.00	2615.00	945.00
60.96	3900.00	3486.80	460.00
91.44	4400.00	4718.60	560.00
121.92	4500.00	6390.40	520.00
		8712.20	640.00
		11634.00	550.00
		15885.80	305.80

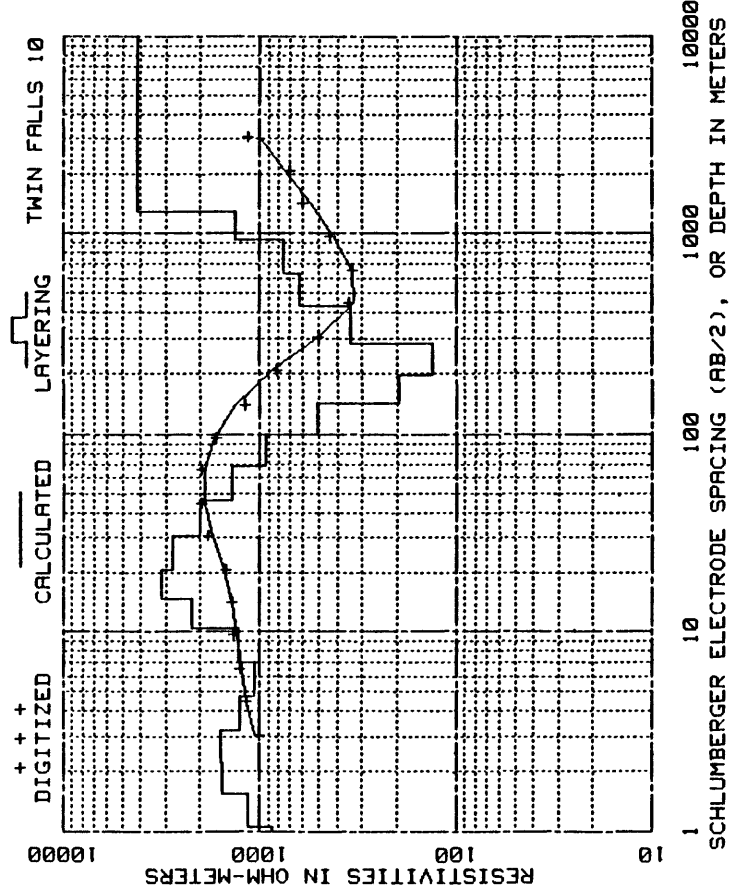


TWIN FALLS 9-S
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

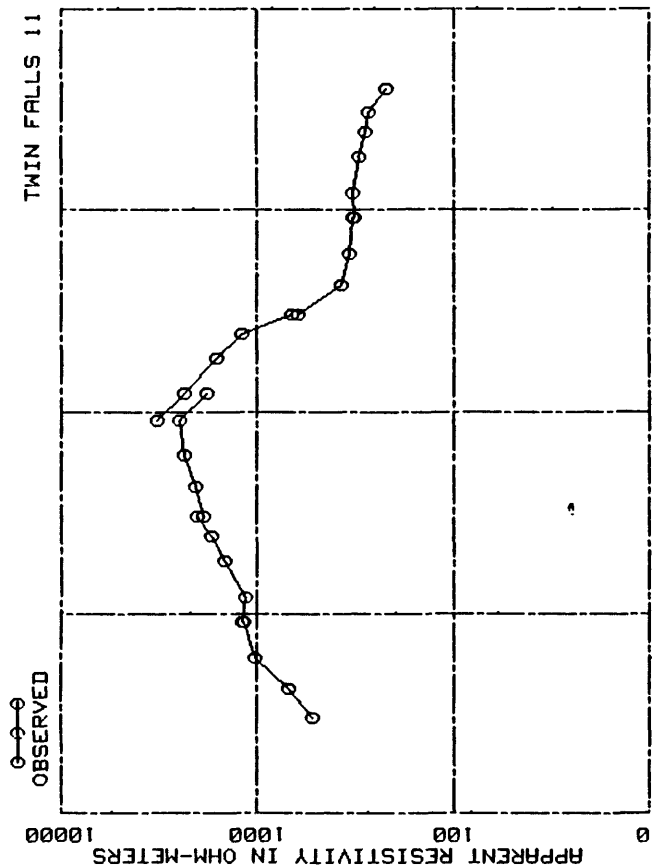
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	651.68	18.34	3793.67
.48	649.56	25.59	4853.38
.59	650.86	38.96	4823.28
.87	656.98	64.13	3850.53
1.27	665.94	104.68	2500.00
1.87	646.18	159.85	1227.03
2.74	542.29	227.83	457.17
3.99	389.33	330.15	319.46
5.81	328.60	517.62	607.49
8.54	549.47	788.54	877.94
11.03	1637.52	1191.63	595.61
13.71	3290.25	1742.06	320.92
		999999.99	144.70



AB/2	OBSERVED	AB/2	OBSERVED
IN METERS	RESISTIVITY IN OHM-METERS	IN METERS	RESISTIVITY IN OHM-METERS
3.05	250.00	91.44	1620.00
4.27	283.00	91.44	1700.00
6.10	310.00	121.92	1260.00
9.14	330.00	182.88	980.00
12.19	350.00	243.84	615.00
19.14	585.00	304.80	488.00
12.19	720.00	304.80	500.00
18.29	710.00	426.72	360.00
24.38	860.00	609.60	325.00
30.48	935.00	914.40	425.00
42.67	1000.00	1219.20	510.00
30.48	1750.00	1828.80	735.00
42.67	1825.00	2438.40	700.00
60.96	1850.00	3048.00	1137.00

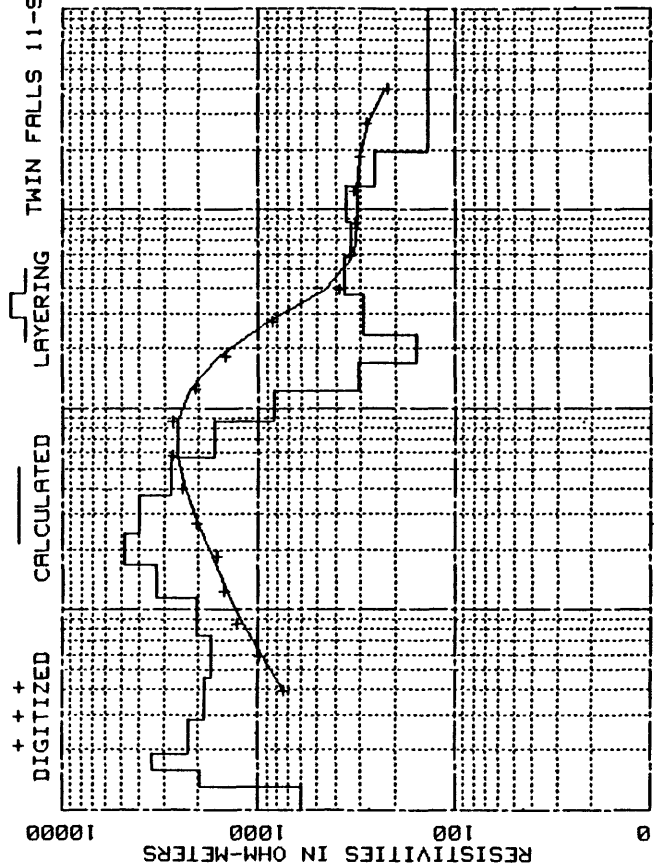


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	791.69	20.75	3160.80
.34	782.01	30.79	2772.39
.49	772.02	46.49	2027.34
.72	779.06	69.04	1385.02
1.06	872.53	100.87	924.55
1.53	1155.23	144.05	509.95
2.19	1557.62	196.38	196.30
3.21	1574.25	278.94	131.05
4.78	1263.10	435.59	342.88
7.07	1056.98	635.27	625.53
10.45	1277.69	928.59	756.84
14.81	2225.48	1281.00	1331.14
		999999.99	4201.58



TWIN FALLS 11

O-O-O
OBSERVED



TWIN FALLS 11-S

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DIGITIZED

CALCULATED

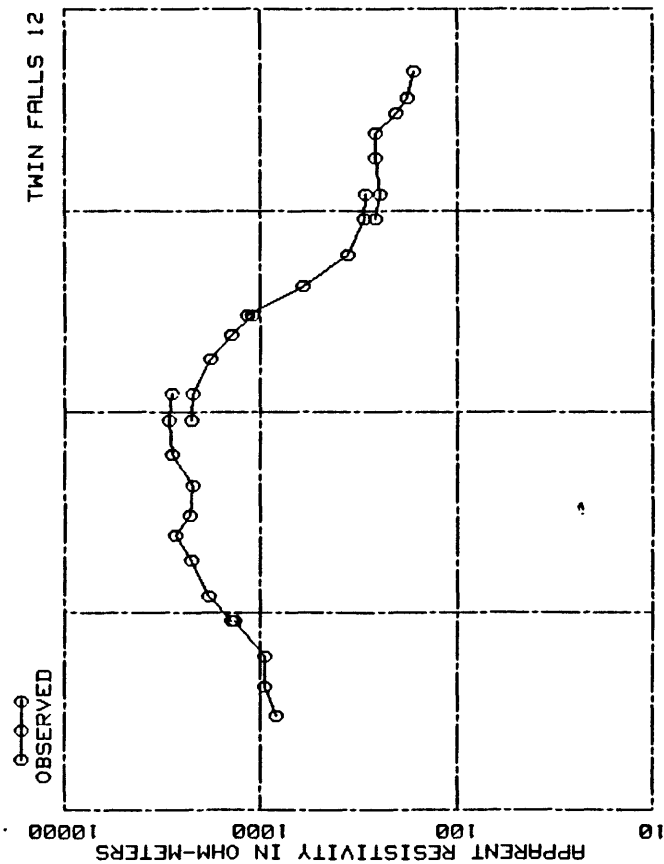
LAYERING

SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	525.00	91.44	3200.00
4.27	690.00	121.92	2320.00
6.10	1020.00	182.88	1600.00
9.14	1160.00	243.84	1180.00
9.14	1195.00	304.80	660.00
12.19	1150.00	304.80	620.00
18.29	1450.00	426.72	378.00
24.38	1690.00	609.60	340.00
30.48	2010.00	914.40	325.00
38.48	1880.00	914.40	320.00
42.67	2050.00	1219.20	325.00
60.96	2350.00	1828.80	300.00
91.44	2500.00	2438.40	280.00
121.92	1800.00	3048.00	270.00
		3962.40	221.00

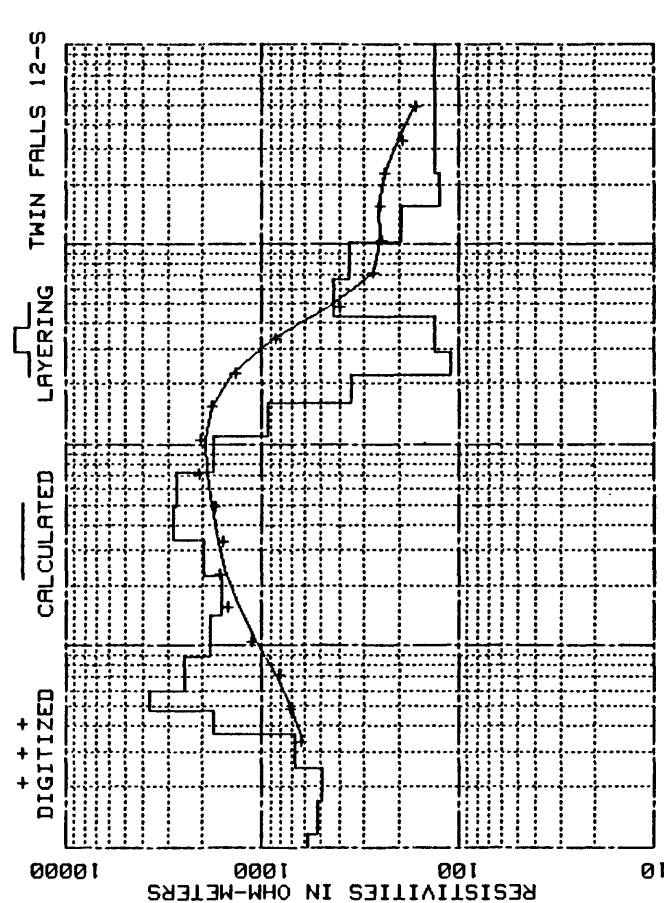
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.30	279.53	23.95	4760.97
.44	262.43	36.67	4065.75
.64	262.53	57.07	2775.44
.94	324.50	85.93	1676.82
1.30	604.33	124.09	839.63
1.57	1980.04	169.53	308.87
1.89	3478.37	234.75	157.53
2.81	2233.72	369.66	288.72
4.58	1854.29	573.52	364.69
7.42	1733.59	872.28	340.60
11.54	2050.78	1311.83	359.53
16.82	3289.53	1945.24	253.42
		999999.99	136.81



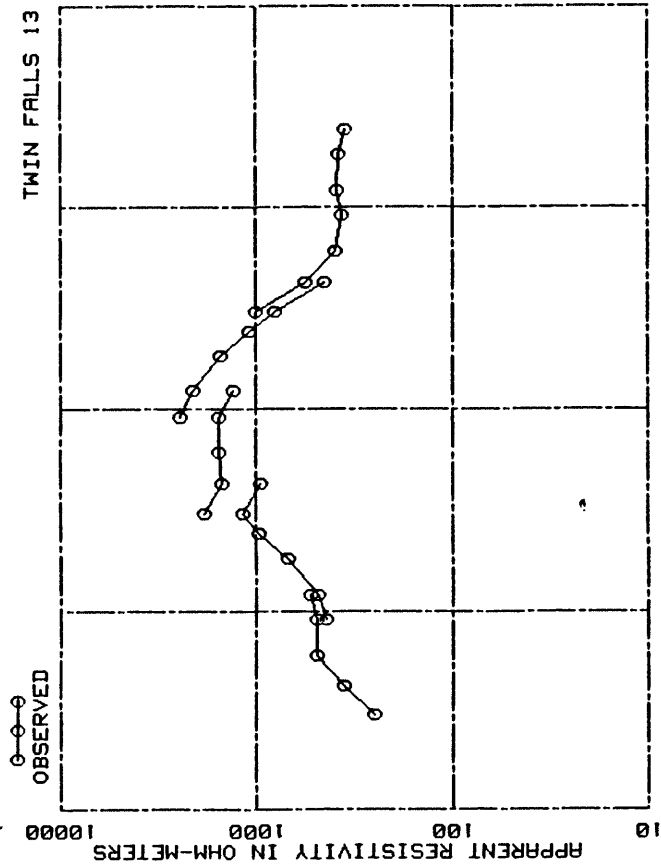
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	840.00	121.92	2200.00
4.27	955.00	182.88	1800.00
6.10	950.00	243.84	1400.00
9.14	1350.00	304.80	1100.00
9.14	1400.00	304.80	1170.00
12.19	1840.00	426.72	600.00
18.29	2250.00	609.60	360.00
24.38	2700.00	914.40	295.00
30.48	2300.00	1219.20	290.00
30.48	2200.00	914.40	260.00
42.67	2220.00	1219.20	245.00
60.96	2840.00	1828.80	260.00
91.44	2950.00	2438.40	260.00
121.92	2800.00	3048.00	205.00
91.44	2240.00	3657.60	178.00
		4876.80	165.00

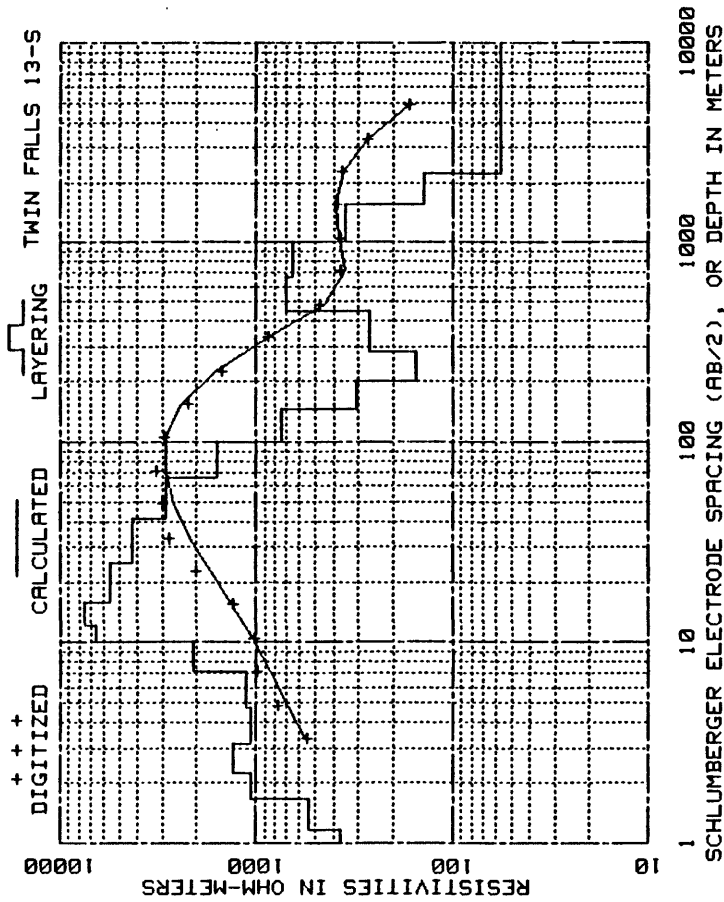


SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

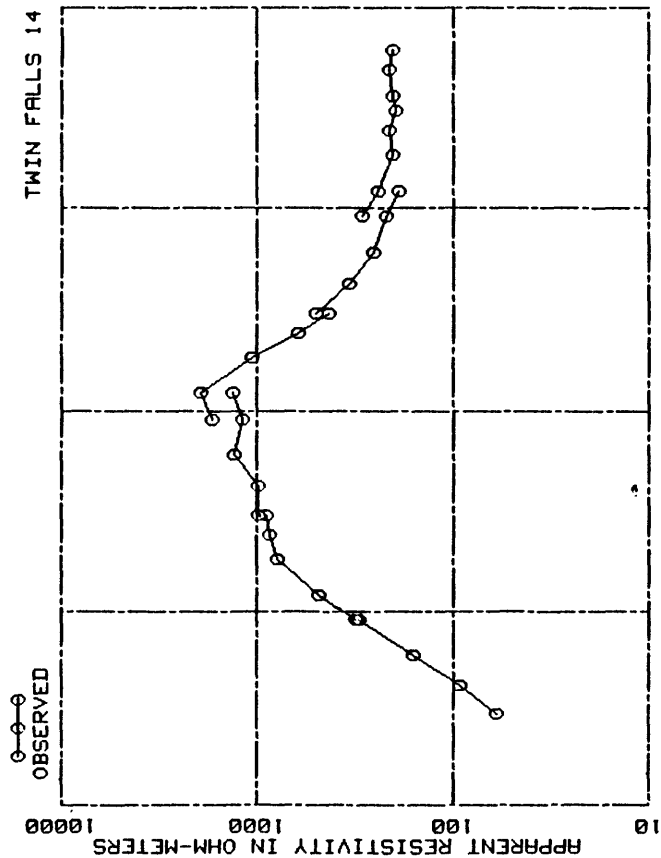
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.25	595.17	33.49	1987.78
.37	597.97	49.06	2831.26
.54	601.63	73.30	2700.67
.79	602.08	109.96	1765.61
1.16	581.47	159.92	937.08
1.70	523.88	219.88	351.11
2.49	488.72	287.44	109.33
3.63	683.41	432.42	132.86
4.78	1759.52	665.20	433.15
5.96	3765.79	1031.24	359.97
8.91	2468.46	1552.46	194.04
14.17	1836.29	2285.05	125.56
22.10	1616.69	999999.99	132.47



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	250.00	121.92	1300.00
4.27	360.00	91.44	2450.00
6.10	495.00	121.92	2100.00
9.14	488.00	182.88	1800.00
12.19	530.00	243.84	1800.00
9.14	440.00	304.80	795.00
12.19	480.00	426.72	450.00
18.29	690.00	304.80	1000.00
24.38	960.00	426.72	560.00
30.48	1160.00	609.60	390.00
42.67	950.00	914.40	362.00
30.48	1840.00	914.40	365.00
42.67	1400.00	1219.20	302.00
60.96	1540.00	1828.80	300.00
91.44	1550.00	2438.40	352.00

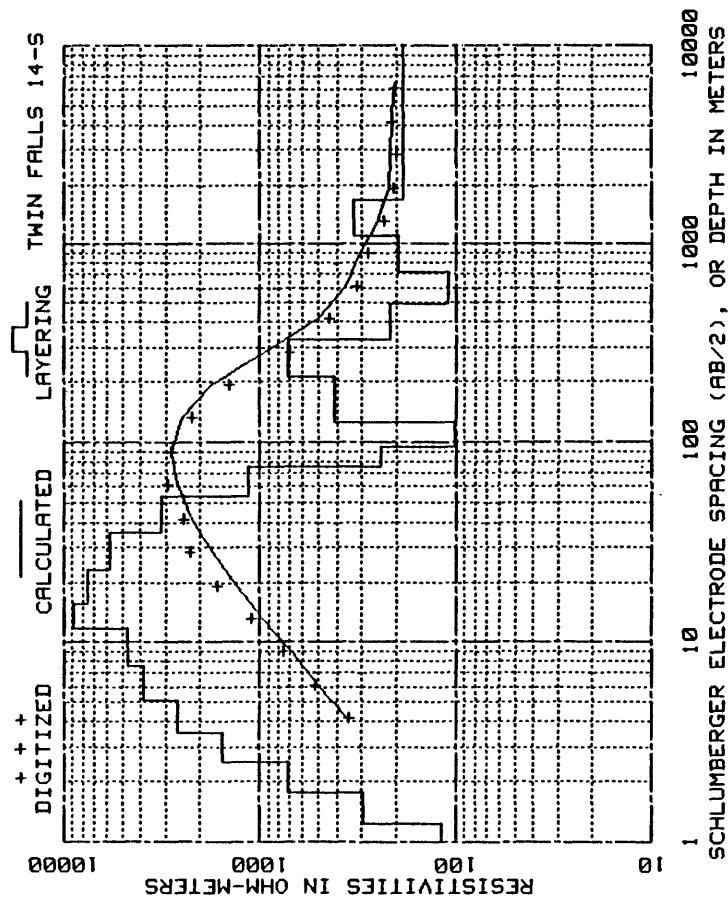


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.25	369.25	24.85	5514.96
.37	369.80	41.83	4387.62
.54	362.60	66.87	2854.86
.79	351.15	100.67	1378.62
1.16	374.18	145.61	746.87
1.67	542.26	201.73	304.64
2.26	1055.64	281.65	152.94
3.16	1305.62	446.38	266.18
4.76	1059.57	666.82	704.59
7.16	1131.12	1017.52	656.88
10.84	2080.29	1548.73	352.32
12.19	6533.61	2212.31	139.61
15.97	7525.05	999999.99	56.72



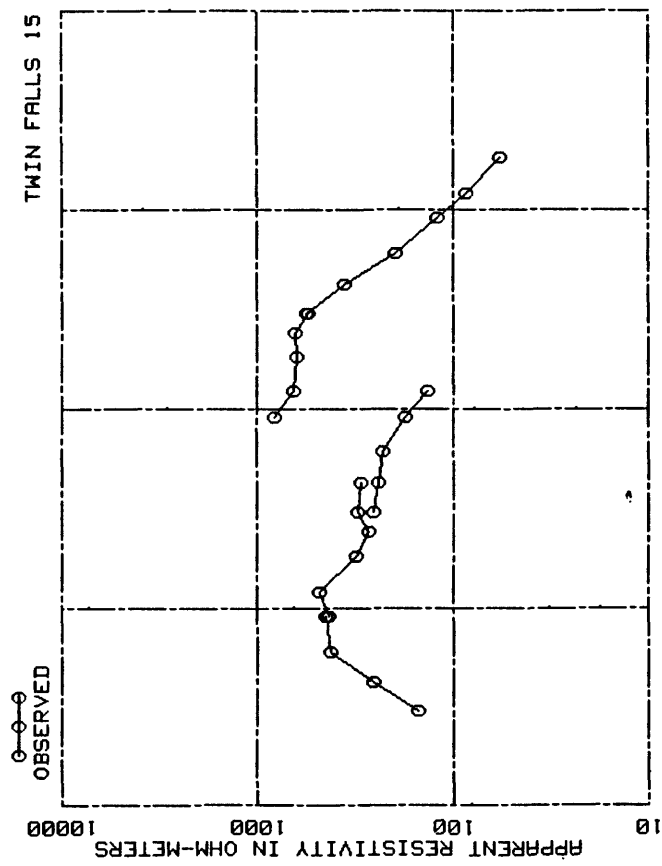
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	60.00	182.88	1870.00
4.27	92.00	243.84	620.00
5.10	158.00	304.80	430.00
9.14	302.00	304.80	500.00
9.14	312.00	426.72	340.00
12.19	480.00	609.60	255.00
18.29	790.00	914.40	220.00
24.38	868.00	1219.20	190.00
30.48	908.00	914.40	290.00
30.48	990.00	1219.20	240.00
42.67	980.00	1828.80	205.00
60.96	1310.00	2438.40	210.00
91.44	1200.00	3048.00	196.00
121.92	1340.00	3657.60	204.00
91.44	1690.00	4876.80	212.00
121.92	1950.00	6096.00	202.00



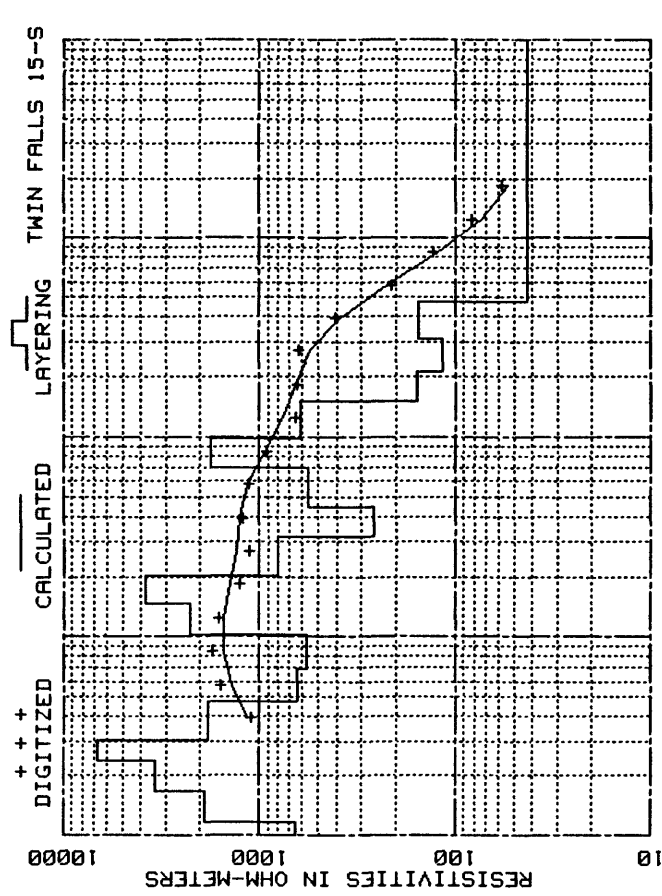
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.18	189.08	22.88	7473.60
.27	173.13	35.32	5760.74
.39	249.79	53.41	3187.40
.57	277.13	75.20	1151.31
.84	158.50	95.19	248.69
1.23	117.78	124.95	102.28
1.75	298.34	211.87	418.11
2.50	717.35	327.87	718.85
3.53	1541.77	496.05	216.54
5.12	2634.18	719.33	109.56
7.58	3913.55	1117.38	195.56
11.66	4708.88	1675.11	330.10
15.50	8917.16	999999.99	186.80



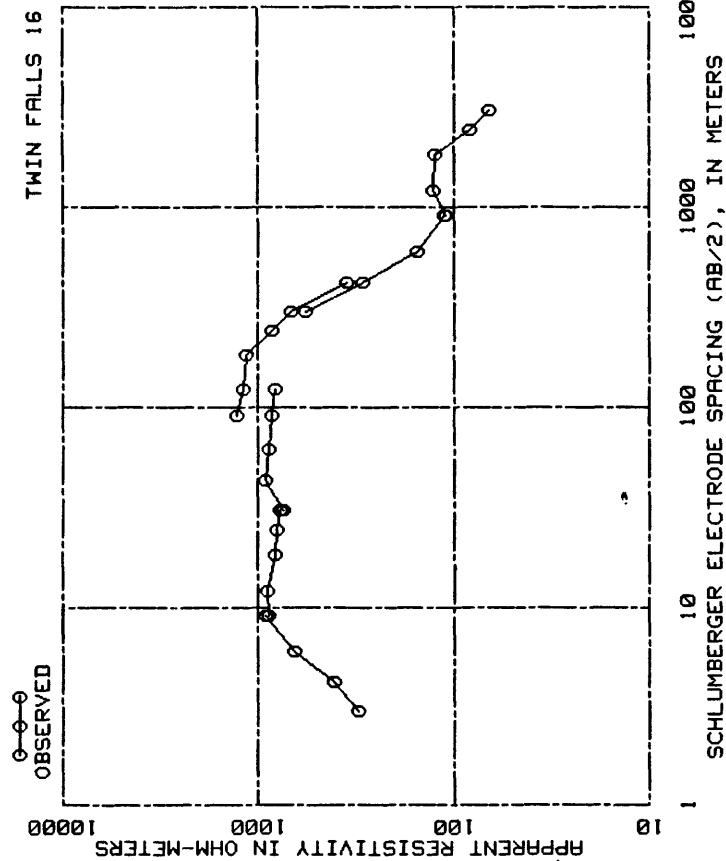
1 SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	150.00	91.44	175.00
4.27	254.00	121.92	135.00
6.10	425.00	91.44	810.00
9.14	445.00	121.92	650.00
9.14	428.00	182.88	625.00
12.19	485.00	243.84	642.00
18.29	315.00	304.80	550.00
24.38	270.00	304.80	560.00
30.48	305.00	426.72	360.00
42.67	235.00	609.60	195.00
30.48	255.00	914.40	120.00
42.67	240.00	1219.20	85.00
60.96	228.00	1828.80	50.00

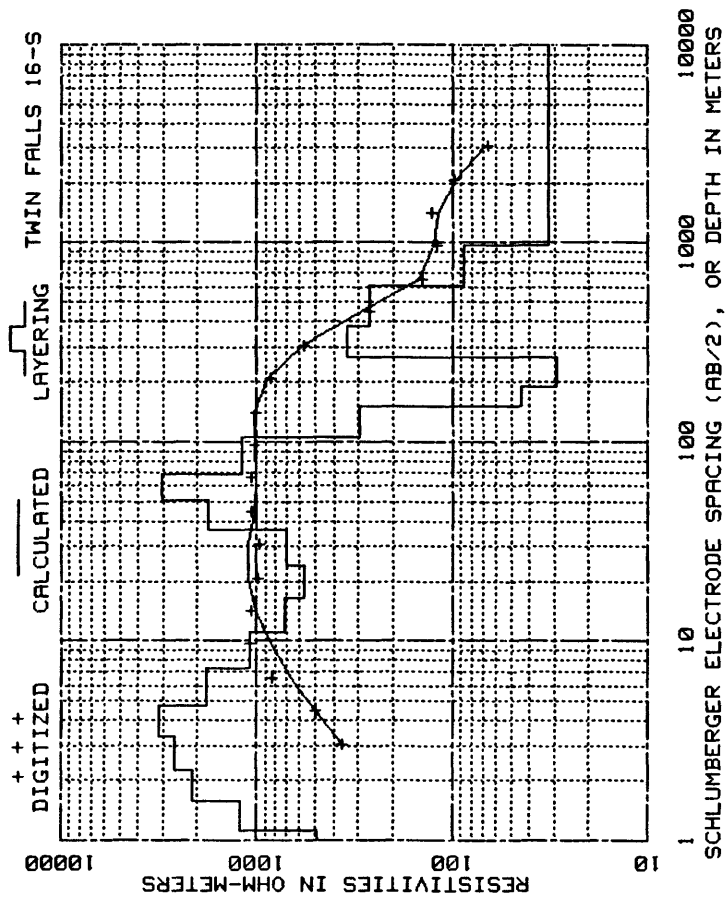


1 SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

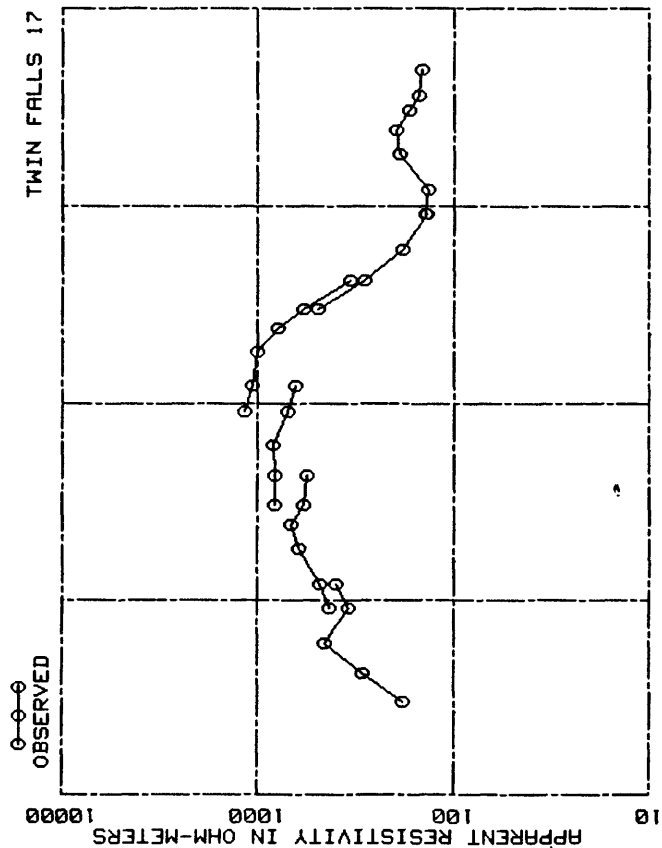
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.17	542.76	10.38	572.81
.26	548.81	14.82	2271.16
.37	872.97	20.30	3800.98
.54	682.81	31.49	885.95
.79	330.80	44.20	261.29
1.16	651.72	69.87	560.96
1.65	1915.16	97.40	1765.71
2.39	3401.49	152.27	611.57
3.03	6664.07	211.31	155.41
4.78	1820.01	300.04	116.76
6.94	644.23	477.48	153.90
		999999.99	42.42



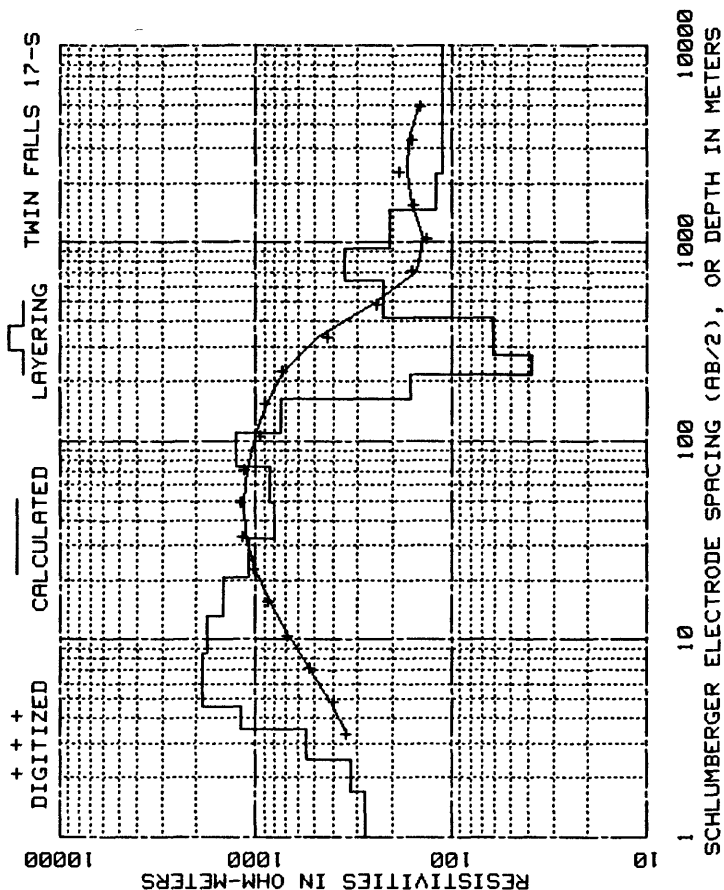
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	309.00	91.44	1280.00
4.27	410.00	121.92	1180.00
6.10	650.00	182.88	1150.00
9.14	915.00	243.84	850.00
9.14	880.00	304.80	680.00
12.19	900.00	426.72	348.00
18.29	820.00	304.80	270.00
24.38	800.00	426.72	290.00
30.48	770.00	609.60	154.00
30.48	740.00	914.40	111.00
42.67	910.00	914.40	110.00
68.96	880.00	1219.20	127.00
91.44	850.00	1828.80	125.00
121.92	810.00	2438.40	82.00
		3048.00	66.20



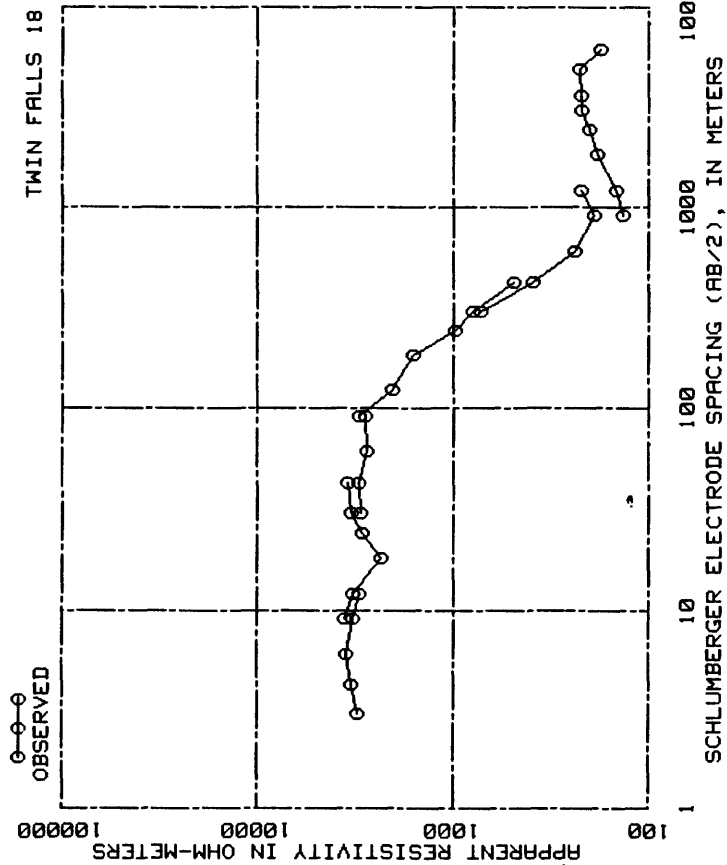
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.18	135.86	16.34	717.43
.26	143.70	24.13	571.53
.38	120.39	36.12	637.30
.55	93.33	50.72	1755.31
.80	165.28	68.37	3036.86
1.13	495.71	106.46	1191.07
1.57	1219.94	150.85	298.83
2.23	2114.12	188.47	44.13
3.34	2599.78	265.32	29.37
4.74	3149.58	376.43	341.50
7.33	1811.91	602.22	263.86
11.06	1086.39	965.66	86.69
		999999.99	32.19



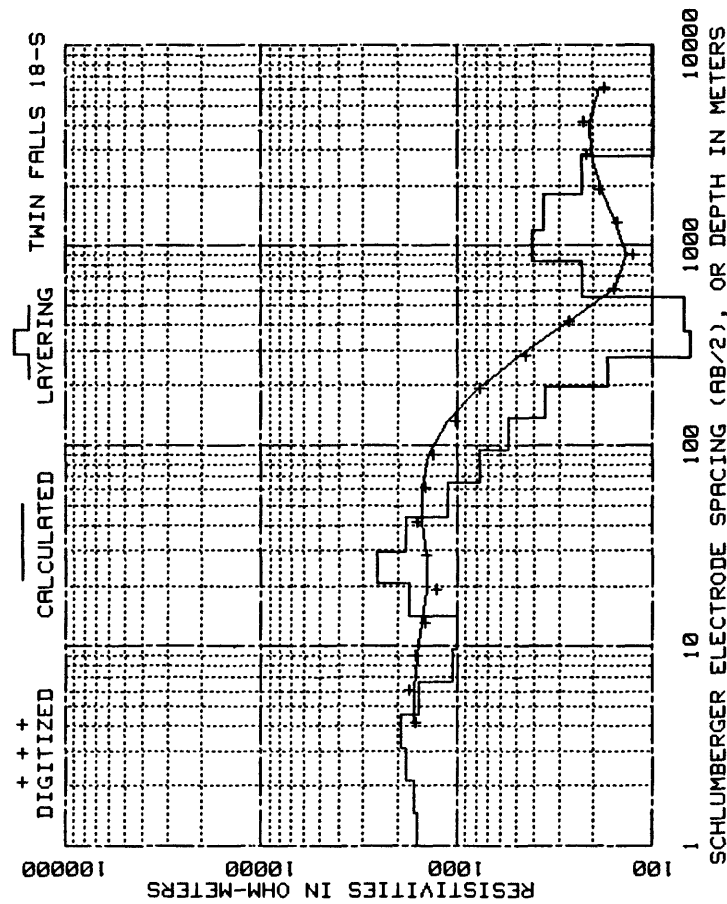
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	180.00	91.44	1170.00
4.27	290.00	121.92	1070.00
6.10	450.00	182.88	1000.00
9.14	345.00	243.84	790.00
12.19	400.00	304.80	580.00
19.14	435.00	426.72	340.00
12.19	480.00	304.80	490.00
18.29	620.00	426.72	285.00
24.38	680.00	609.60	180.00
30.48	580.00	914.40	137.00
42.67	560.00	1219.20	140.00
30.48	810.00	1828.80	135.00
42.67	810.00	2438.40	187.00
60.95	840.00	3048.00	194.00
91.44	700.00	3657.60	170.00
121.92	640.00	4876.80	150.00
			146.00



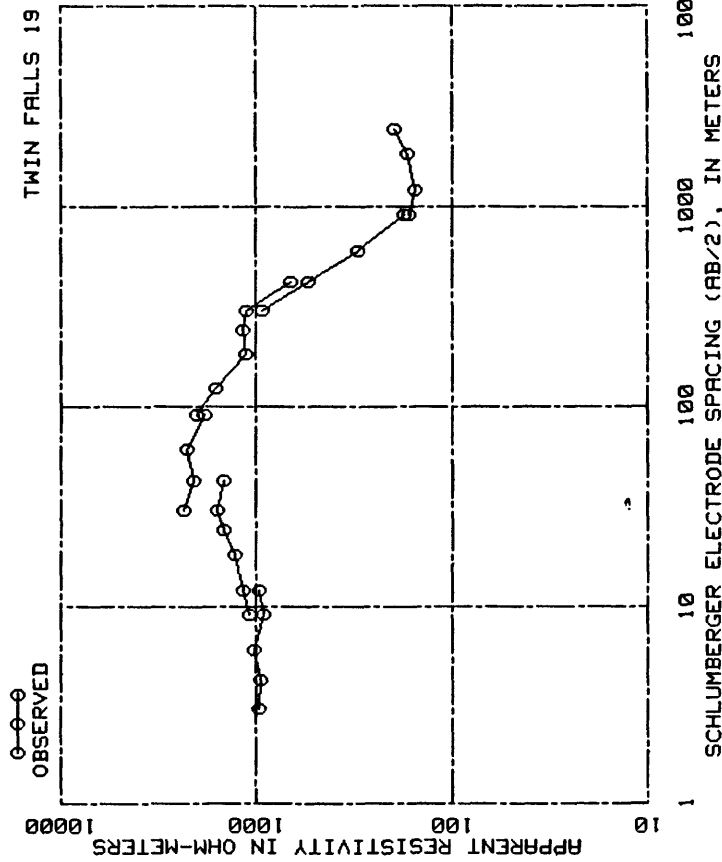
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.25	278.00	32.39	1077.99
.37	277.73	49.21	802.41
.54	278.82	74.18	850.30
.79	279.44	110.17	1247.49
1.16	274.93	163.40	736.90
1.70	273.05	217.28	161.52
2.48	324.48	271.63	38.95
3.50	547.26	415.89	61.44
4.56	1200.89	641.29	222.10
5.95	1861.56	932.31	347.60
8.53	1859.23	1471.58	208.91
13.10	1752.86	2239.36	119.14
20.75	1475.69	999999.99	110.41



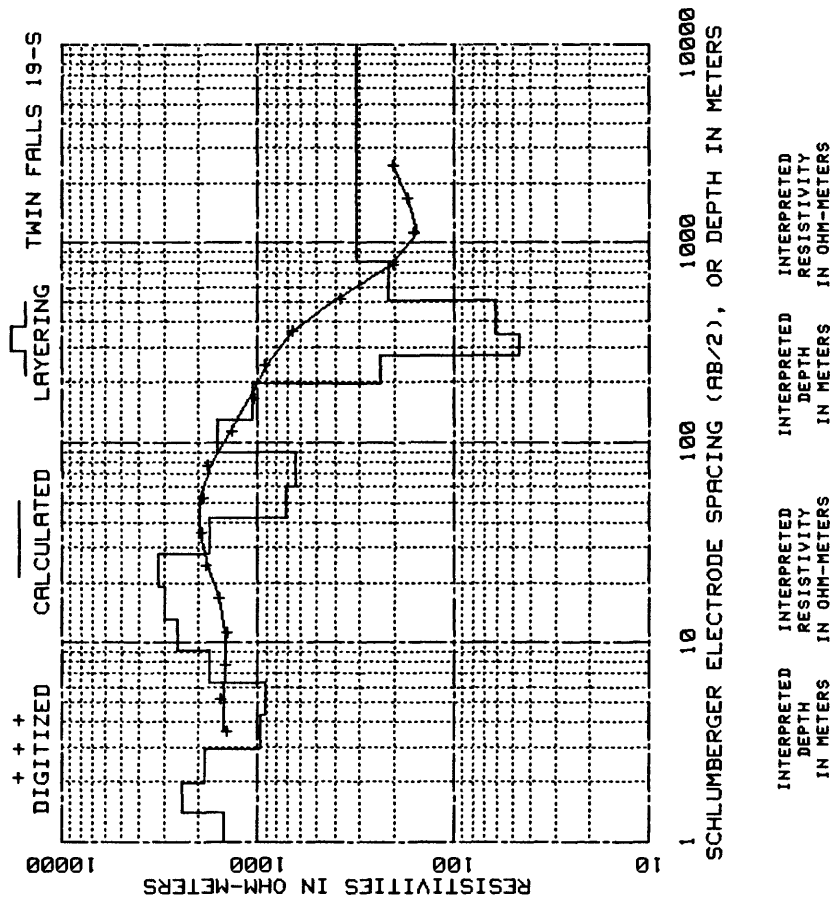
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	3000.00	102.80	1500.00
4.27	3300.00	243.84	970.00
6.10	3500.00	304.00	800.00
9.14	3250.00	426.72	490.00
12.19	3000.00	304.00	720.00
9.14	3600.00	426.72	390.00
12.19	3200.00	609.60	240.00
18.29	2300.00	914.40	190.00
24.38	2900.00	1219.20	220.00
30.48	3300.00	914.40	137.00
42.67	3470.00	1219.20	145.00
30.48	2950.00	1828.80	182.00
42.67	3000.00	2438.40	203.00
60.96	2770.00	3048.00	220.00
91.44	2000.00	3657.60	220.00
91.44	3040.00	4876.80	224.00
121.92	2020.00	6096.00	175.00



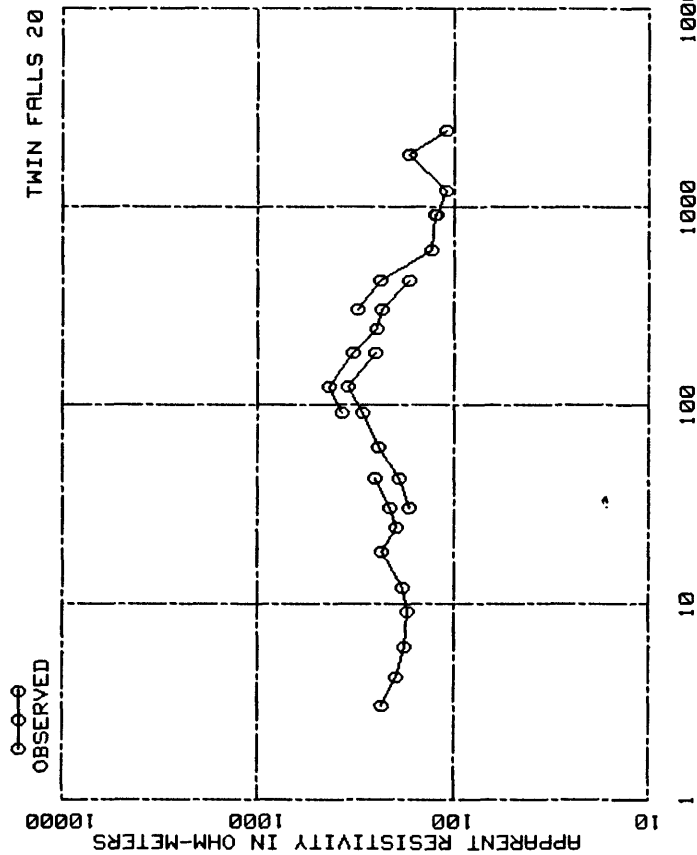
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.31	1617.60	44.14	1802.18
.46	1618.85	65.01	1123.21
.67	1616.11	94.55	763.65
.98	1606.42	137.15	547.06
1.45	1604.50	197.56	356.27
2.12	1649.94	276.66	171.58
3.11	1804.37	372.74	64.15
4.56	1911.50	557.08	69.32
6.69	1555.69	843.78	227.73
9.74	1061.60	1185.54	411.69
14.26	995.54	1794.78	358.49
20.80	1738.30	2787.10	231.78
29.60	2550.46	999999.99	98.43



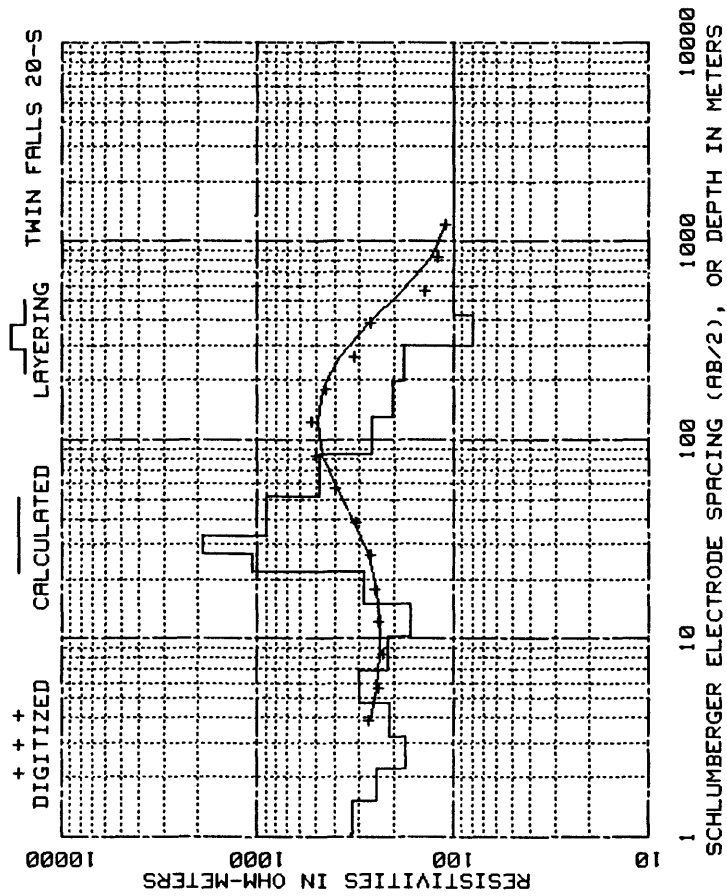
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	950.00	91.44	1840.00
4.27	935.00	91.44	2000.00
6.10	1030.00	121.92	1620.00
9.14	910.00	182.88	1120.00
12.19	950.00	243.84	1150.00
9.14	1080.00	304.80	1130.00
12.19	1160.00	426.72	650.00
18.29	1280.00	304.80	940.00
24.38	1450.00	426.72	530.00
30.48	1590.00	609.60	380.00
42.67	1450.00	914.40	175.00
30.48	2340.00	914.40	154.00
42.67	2110.00	1219.20	153.00
60.96	2250.00	1828.80	170.00
		2438.40	195.00



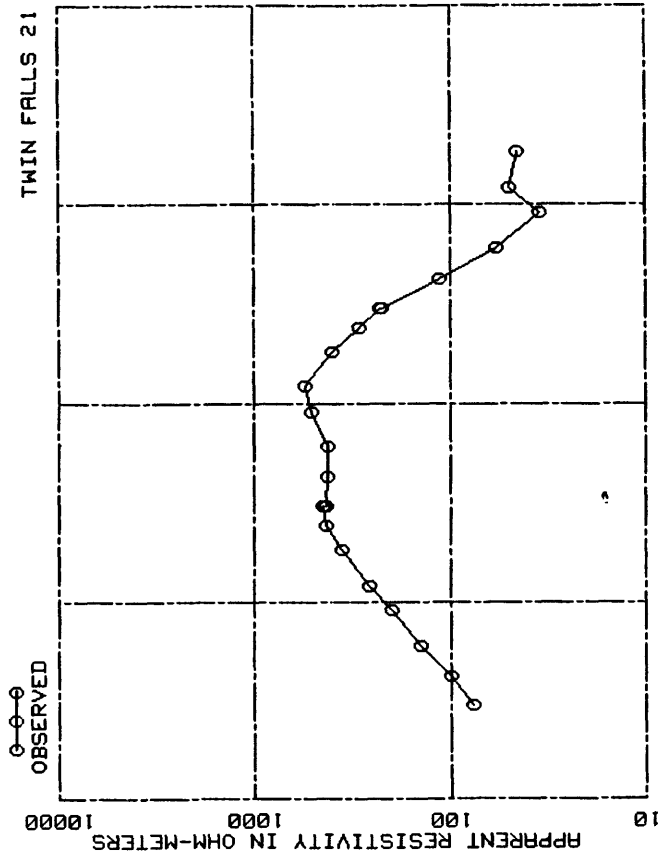
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	1241.21	18.97	2380.53
.38	1274.13	27.82	3251.00
.44	1292.83	41.89	1764.99
.55	1193.33	60.20	712.73
.96	1112.77	88.75	641.38
1.40	1498.76	130.96	1595.88
1.97	2442.97	196.67	1069.85
2.93	1854.97	270.64	238.25
4.30	968.89	342.58	46.14
6.34	922.54	517.87	61.87
9.24	1780.38	799.75	214.83
13.15	2551.79	999999.99	312.63



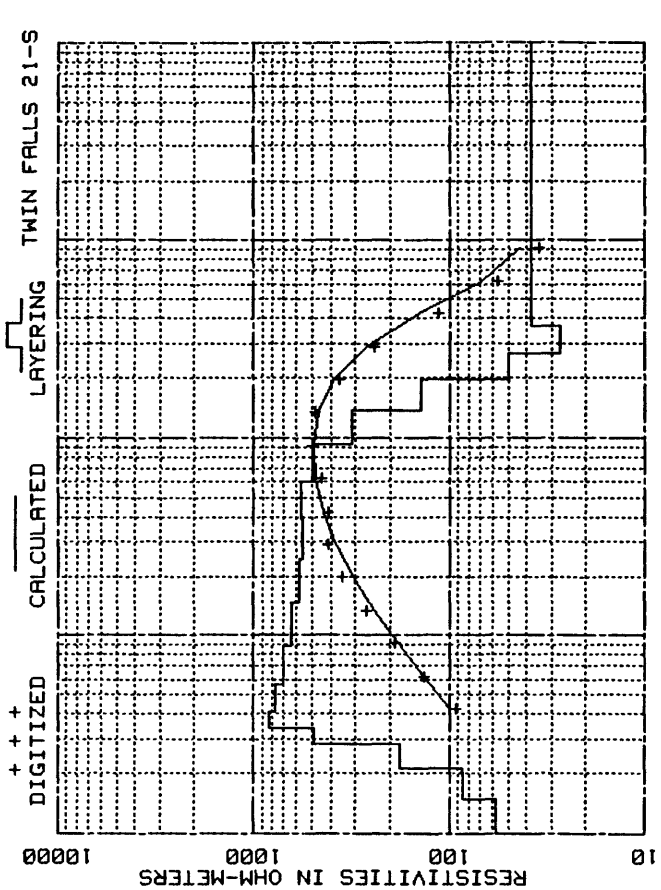
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	230.00	182.88	250.00
4.27	195.00	91.44	370.00
6.10	178.00	121.92	435.00
9.14	172.00	182.88	325.00
12.19	171.00	243.84	245.00
18.29	180.00	304.80	230.00
24.38	230.00	426.72	170.00
30.48	196.00	568.80	308.00
42.67	210.00	721.92	235.00
56.96	248.00	914.40	130.00
72.14	167.00	1144.00	125.00
88.32	180.00	1438.40	122.00
104.50	242.00	1828.80	110.00
121.92	343.00	2438.40	170.00



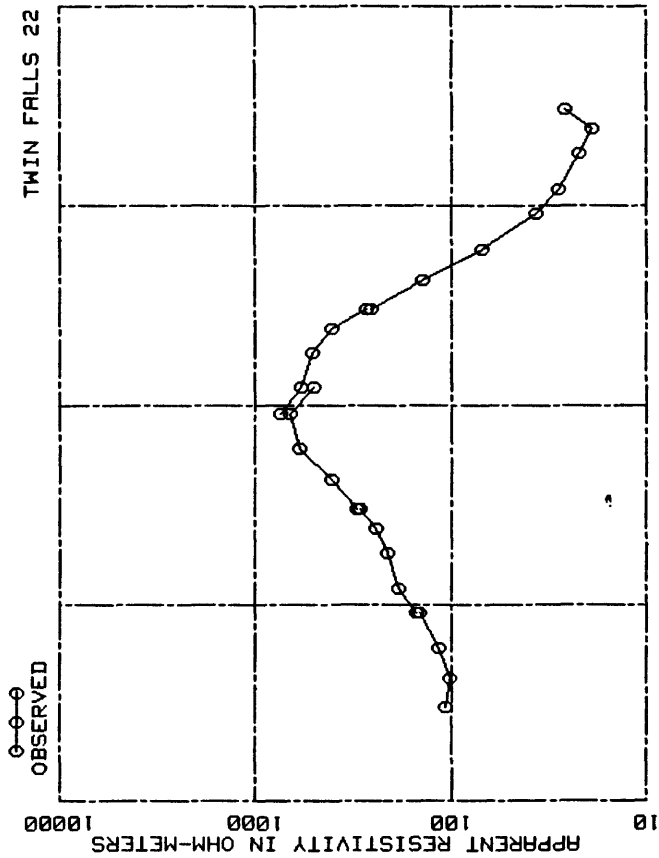
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.22	315.87	14.94	163.82
.33	313.98	21.81	285.42
.48	310.41	26.90	1067.25
.70	314.60	32.91	1918.50
1.03	332.80	52.17	905.65
1.51	327.21	84.94	485.84
2.22	245.08	129.98	261.22
3.22	174.67	196.23	204.33
4.74	209.59	295.33	178.24
6.93	302.92	421.68	79.05
10.20	216.41	999999.99	100.05



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	77.00	91.44	510.00
4.27	100.00	91.44	500.00
6.10	141.00	121.92	550.00
9.14	200.00	182.88	400.00
12.19	250.00	243.84	290.00
18.29	300.00	304.80	220.00
24.38	430.00	304.80	225.00
30.48	450.00	426.72	113.00
30.48	420.00	609.60	50.00
42.67	420.00	914.40	34.00
60.96	420.00	1219.20	50.00
		1828.60	45.00

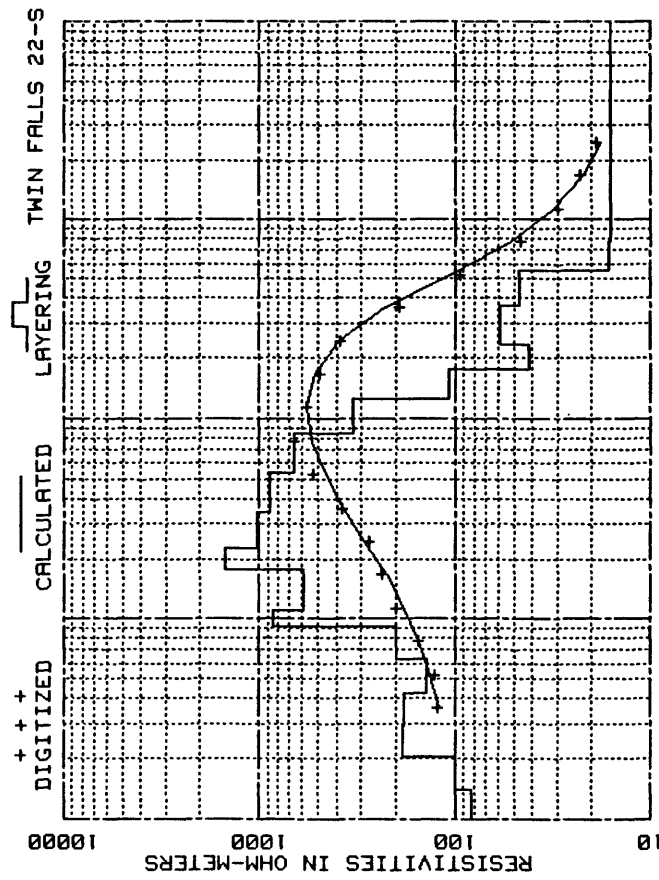


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.32	53.79	8.07	701.57
.47	52.35	14.68	640.00
.69	51.04	24.22	587.30
1.01	51.02	38.78	564.66
1.48	57.75	60.38	571.65
2.12	85.51	92.46	505.10
2.82	179.02	138.15	315.92
3.40	488.26	196.73	140.28
4.13	836.46	265.49	49.54
5.68	777.07	368.85	27.31
		999999.99	38.13



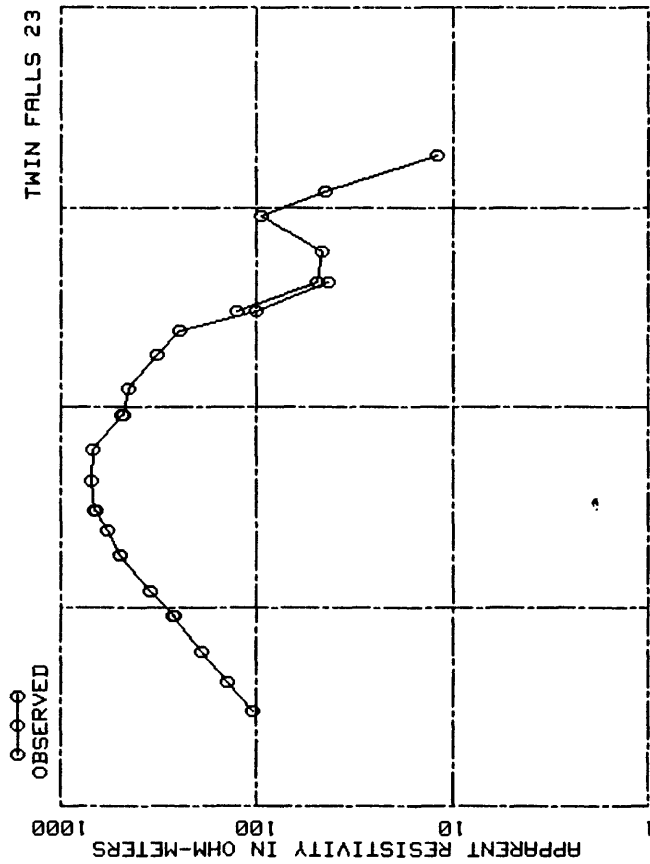
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	108.00	121.92	503.00
4.27	102.00	91.44	750.00
6.10	115.00	121.92	580.00
9.14	145.00	182.88	510.00
9.14	150.00	243.84	485.00
12.19	185.00	304.80	270.00
18.29	213.00	304.80	255.00
24.38	240.00	426.72	140.00
30.48	288.00	609.60	70.00
30.48	300.00	914.40	36.50
42.67	405.00	1219.20	28.00
60.96	590.00	1828.80	22.00
91.44	663.00	2438.40	19.00
		3048.00	26.30

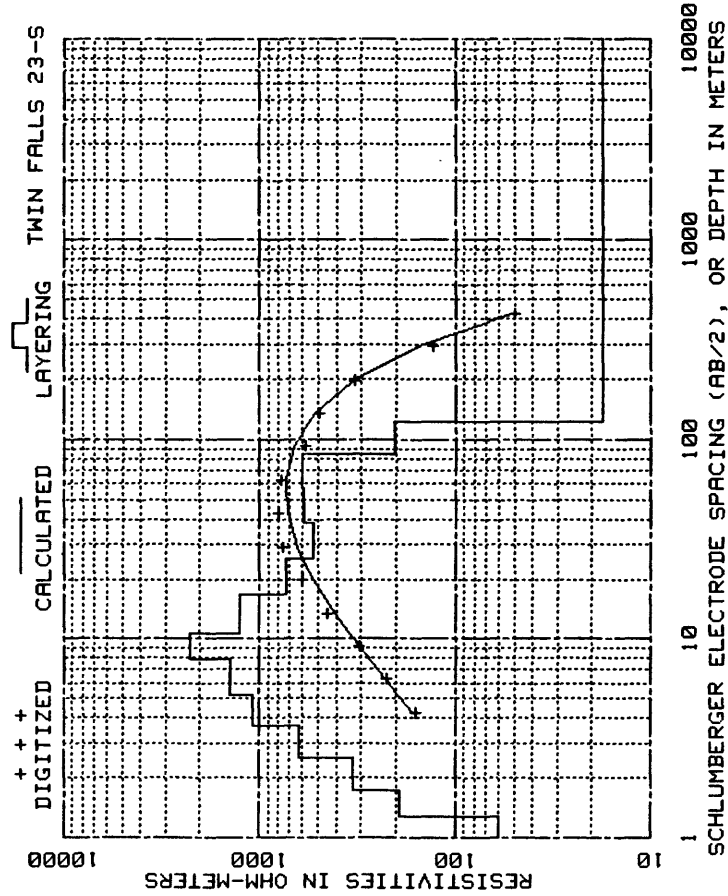


SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

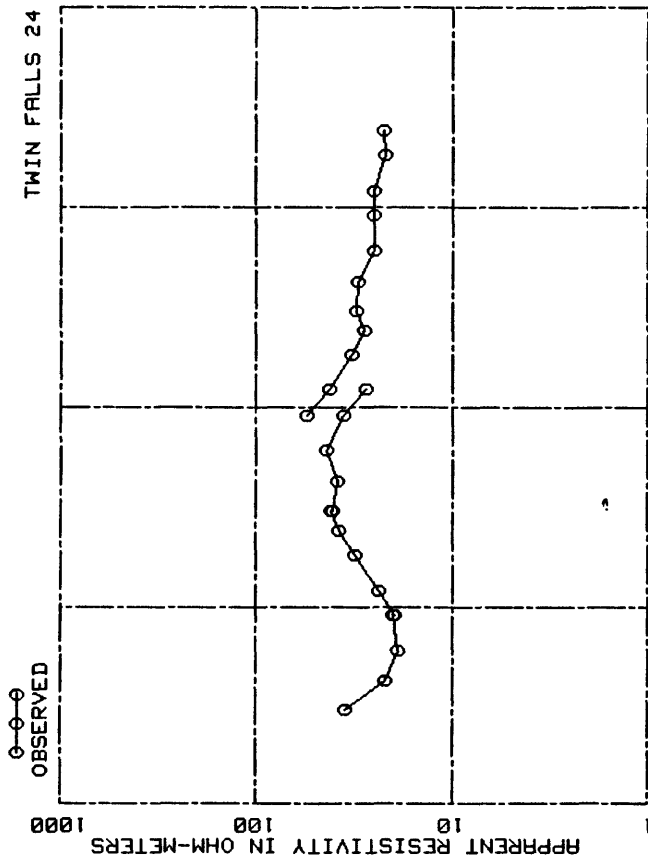
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	123.98	17.64	588.90
.30	123.34	22.52	1479.34
.44	129.30	34.09	1019.72
.65	131.48	53.76	877.13
.96	108.03	84.28	659.22
1.40	82.12	126.38	333.52
2.05	100.32	174.13	187.04
2.92	186.48	234.61	41.77
4.26	181.83	362.95	59.11
6.34	138.89	554.94	47.31
9.26	201.01	778.10	16.34
11.18	840.66	999999.99	15.94



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	104.00	91.44	490.00
4.27	140.00	91.44	480.00
6.10	190.00	121.92	450.00
9.14	265.00	182.88	320.00
12.19	260.00	243.84	250.00
18.29	348.00	304.80	100.00
24.38	495.00	426.72	43.00
30.48	575.00	304.80	125.00
42.67	680.00	426.72	49.50
60.96	700.00	609.60	46.50
		914.40	95.00
		1219.20	45.00
		1828.80	12.00

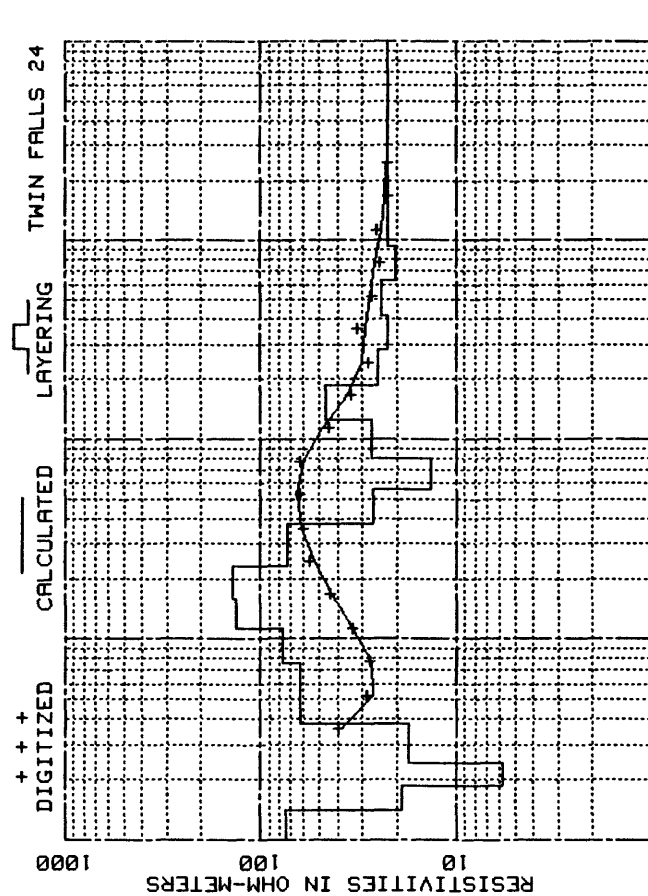


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.19	76.84	5.26	1081.54
.28	81.96	7.90	1483.48
.40	113.52	10.69	2339.01
.59	99.60	16.61	1263.76
.87	58.66	25.37	732.07
1.28	60.39	38.04	534.53
1.72	191.57	57.83	594.32
2.50	331.06	84.98	605.08
3.63	633.87	121.86	282.82
		999999.99	17.58



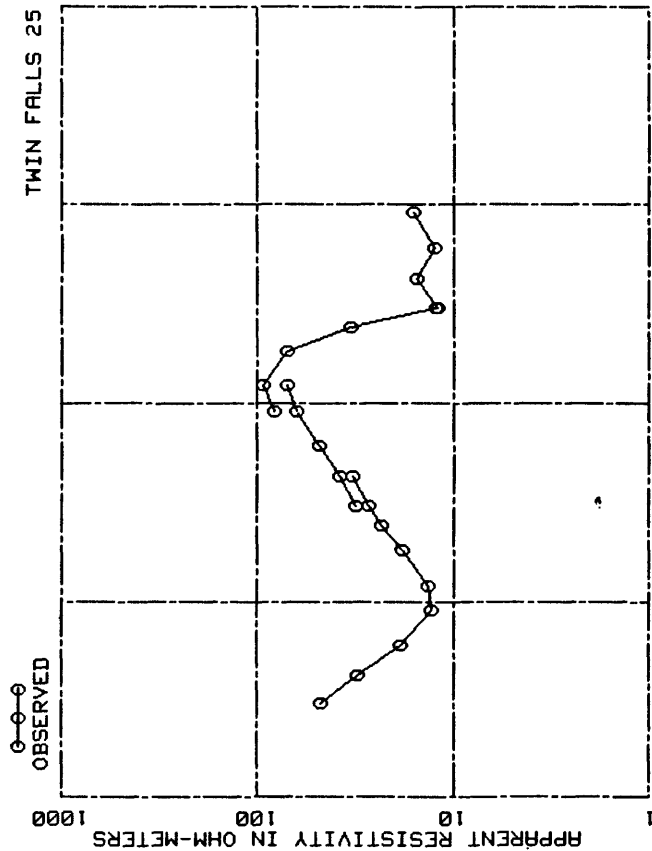
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	35.00	121.92	27.50
4.27	22.00	91.44	55.00
6.10	19.00	121.92	42.00
9.14	20.00	182.88	32.50
12.19	19.50	243.84	27.00
18.29	23.00	304.80	31.00
24.38	31.50	304.80	31.00
30.48	37.50	426.72	30.00
38.48	41.00	609.60	25.00
42.67	40.00	914.40	25.00
60.96	38.20	1219.20	25.00
91.44	44.00	1828.80	22.00
	36.00	2438.40	22.20

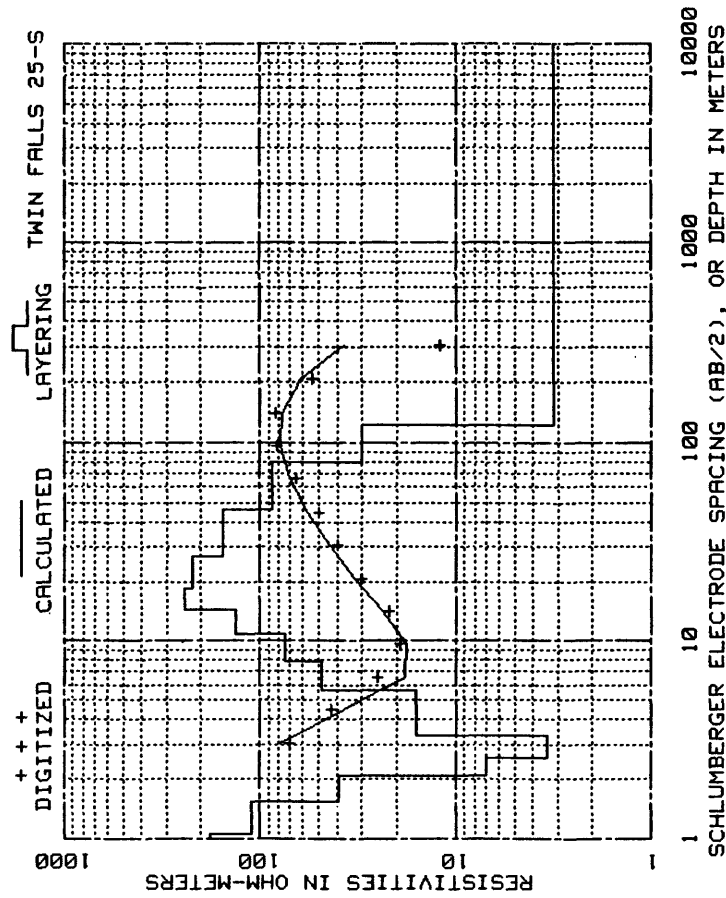


SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

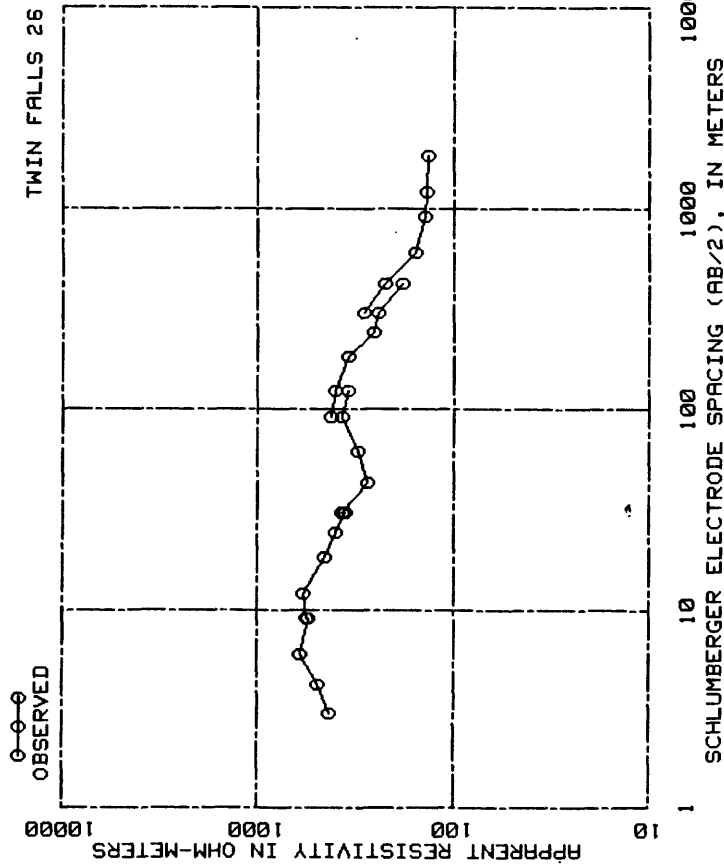
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	103.75	15.75	132.04
.30	101.96	23.27	139.23
.44	99.48	37.45	72.56
.65	106.76	55.54	26.42
.96	116.04	79.74	13.36
1.40	74.06	124.43	27.07
1.97	19.01	185.91	46.37
2.40	5.75	281.24	24.96
3.81	17.65	421.07	22.32
5.22	62.44	628.56	24.24
7.67	63.15	931.04	20.24
11.30	77.65	999999.99	22.37



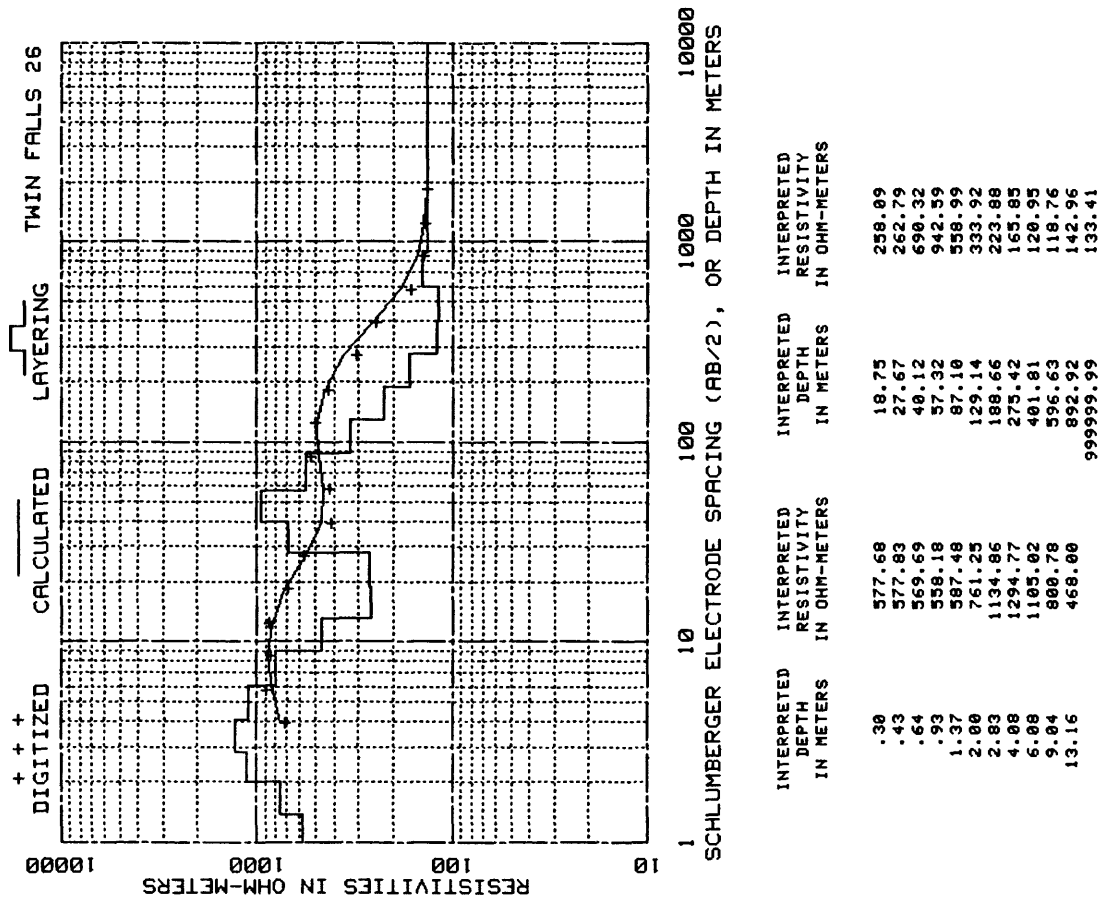
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	47.00	60.96	48.00
4.27	31.00	91.44	63.00
6.10	18.50	121.92	70.00
9.14	13.00	91.44	82.00
9.14	13.00	121.92	93.00
12.19	13.50	182.88	70.00
18.29	18.20	243.84	33.00
24.38	23.00	304.80	12.20
30.48	26.00	304.80	12.00
42.67	32.50	426.72	15.30
30.48	31.20	609.60	12.50
42.67	38.00	914.40	16.00

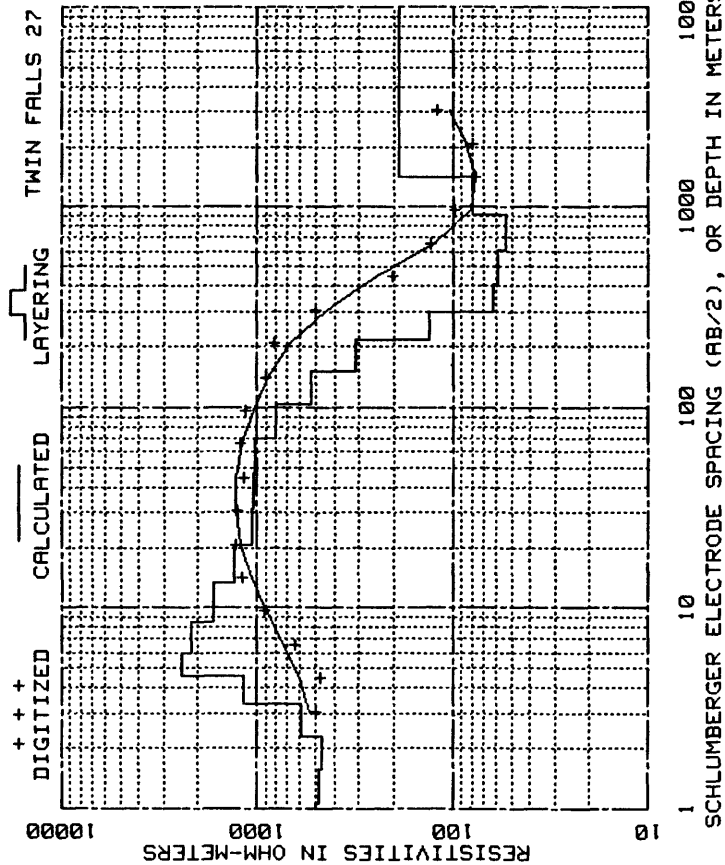
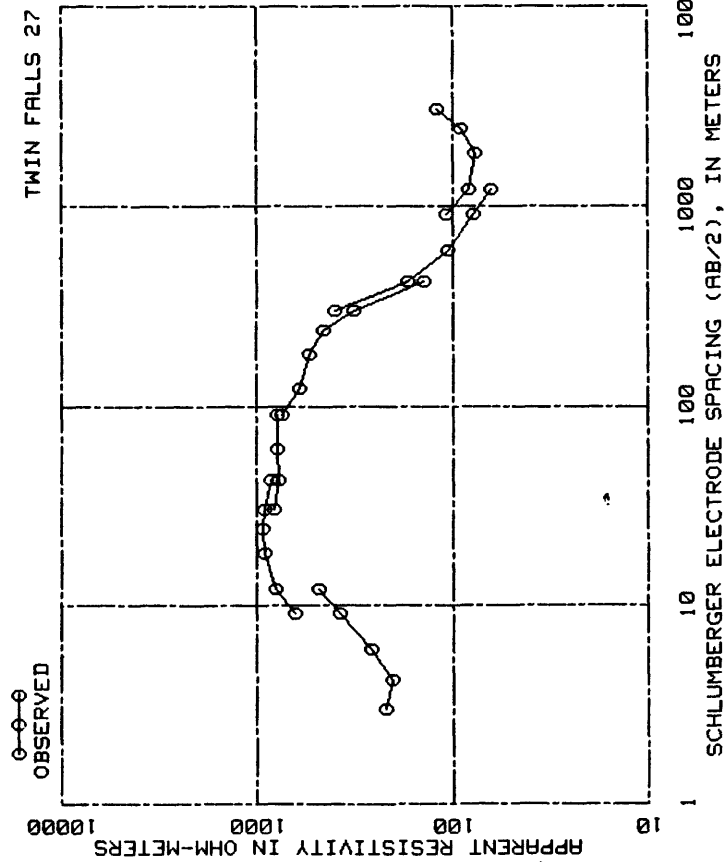


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	198.17	5.66	15.94
.34	199.46	7.88	48.32
.49	203.42	10.82	74.56
.72	205.24	14.30	132.93
1.06	180.72	18.37	221.55
1.54	111.19	27.03	222.57
2.10	38.99	46.65	154.75
2.57	7.00	80.43	87.18
3.36	3.39	122.51	30.18
		999999.99	3.17



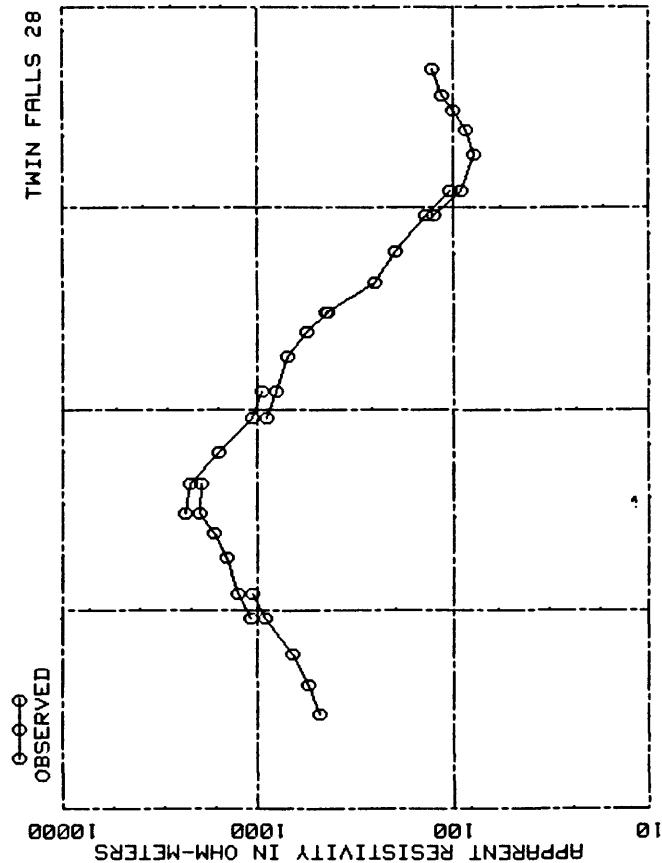
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	435.00	121.92	345.00
4.27	495.00	91.44	425.00
6.10	604.00	121.92	400.00
9.14	550.00	182.88	345.00
9.14	560.00	243.84	254.00
12.19	580.00	304.80	240.00
18.29	460.00	426.72	180.00
24.38	400.00	304.80	285.00
30.48	360.00	426.72	225.00
30.48	370.00	609.60	155.00
42.67	273.00	914.40	140.00
60.96	305.00	1219.20	137.00
91.44	370.00	1828.80	135.00



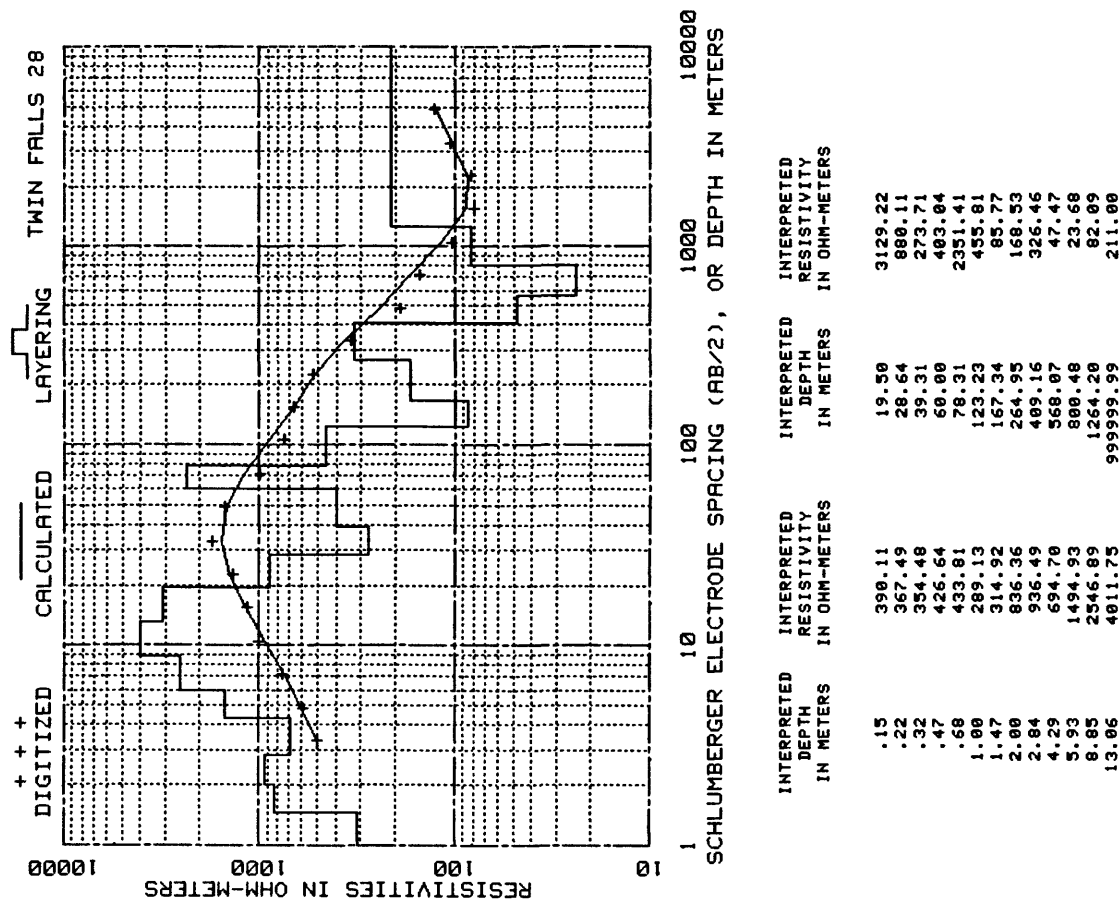


AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	220.00	91.44	730.00
4.27	202.00	121.92	600.00
6.10	262.00	182.88	540.00
9.14	388.00	243.84	450.00
12.19	480.00	304.80	320.00
19.14	635.00	426.72	140.00
28.29	915.00	604.80	400.00
38.48	850.00	809.60	170.00
42.67	770.00	1014.40	105.00
60.96	780.00	1219.20	70.00
91.44	780.00	1628.80	82.00
		2438.40	90.00
		3048.00	120.00

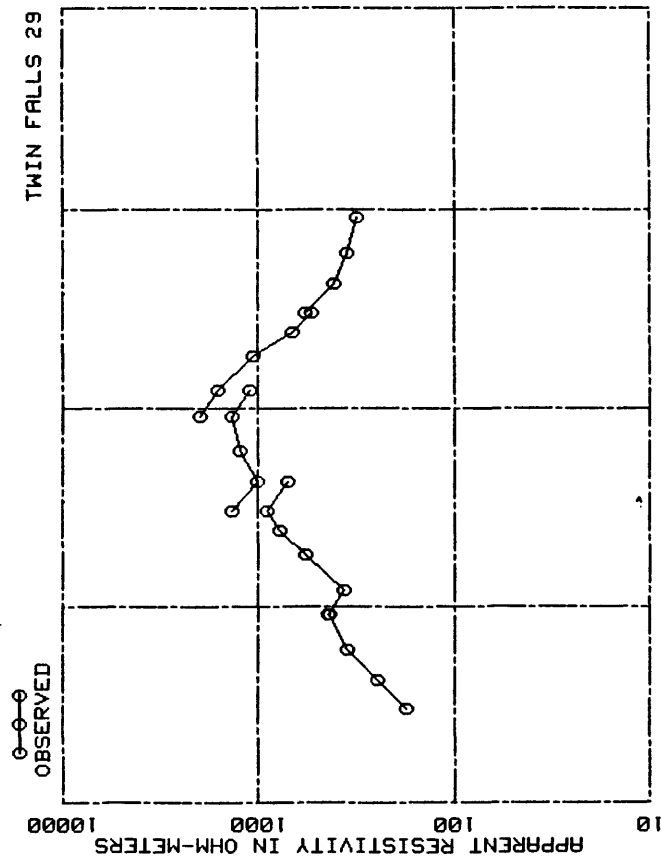
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	504.50	20.55	1295.33
.34	505.53	31.17	1069.08
.49	507.42	46.80	1039.29
.72	508.86	69.79	1032.56
1.06	502.47	103.13	806.82
1.56	479.78	150.15	533.92
2.29	468.41	214.80	311.03
3.34	591.22	295.91	132.06
4.68	1165.35	406.21	62.78
5.93	2438.28	602.47	59.12
8.54	2167.32	912.85	53.37
13.26	1674.50	1408.17	80.10
		999999.99	187.51



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	480.00	91.44	900.00
4.27	555.00	121.92	800.00
6.10	660.00	182.88	700.00
9.14	920.00	243.84	565.00
12.19	1060.00	304.80	440.00
9.14	1080.00	394.80	450.00
12.19	1260.00	426.72	250.00
18.29	1430.00	609.60	195.00
24.38	1680.00	914.40	137.00
38.48	1970.00	1219.20	104.00
42.67	1950.00	914.40	125.00
38.48	2320.00	1219.20	90.00
42.67	2230.00	1828.80	70.00
60.96	1580.00	2438.40	86.00
91.44	1060.00	3048.00	95.00
121.92	950.00	3657.60	113.00
		4876.80	128.00

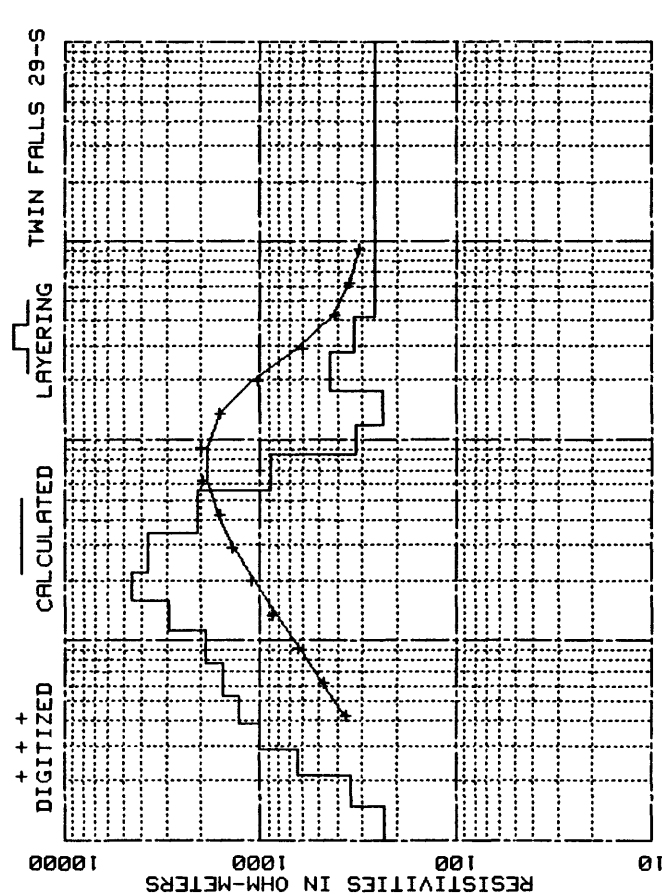


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.15	390.11	19.50	3129.22
.22	367.49	28.64	880.11
.32	354.48	39.31	273.71
.47	426.64	60.00	403.04
.68	433.81	78.31	2351.41
1.00	289.13	123.23	455.81
1.47	314.92	167.34	85.77
2.00	836.36	264.95	168.53
2.84	936.49	409.16	326.46
4.29	694.70	568.07	47.47
5.93	1494.93	800.48	23.68
8.85	2546.89	1264.20	82.09
13.06	4011.75	999999.99	211.00



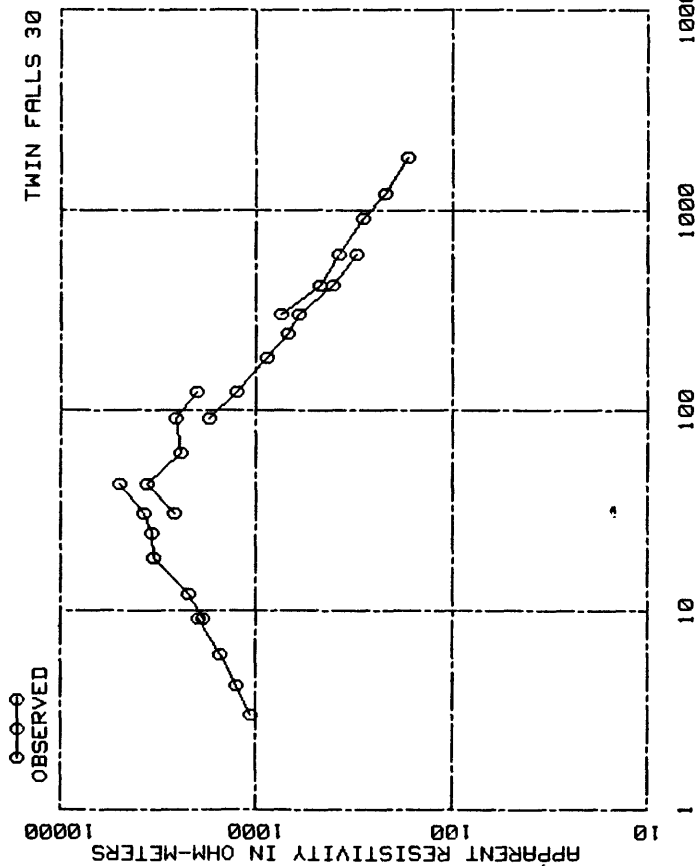
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	175.00	60.96	1230.00
4.27	245.00	91.44	1350.00
6.10	350.00	121.92	1100.00
9.14	435.00	91.44	1970.00
9.14	442.00	121.92	1620.00
12.19	365.00	182.88	1060.00
18.29	575.00	243.84	660.00
24.38	770.00	304.80	530.00
30.48	900.00	304.80	575.00
42.67	700.00	426.72	410.00
30.48	1350.00	609.60	350.00
42.67	1000.00	914.40	315.00

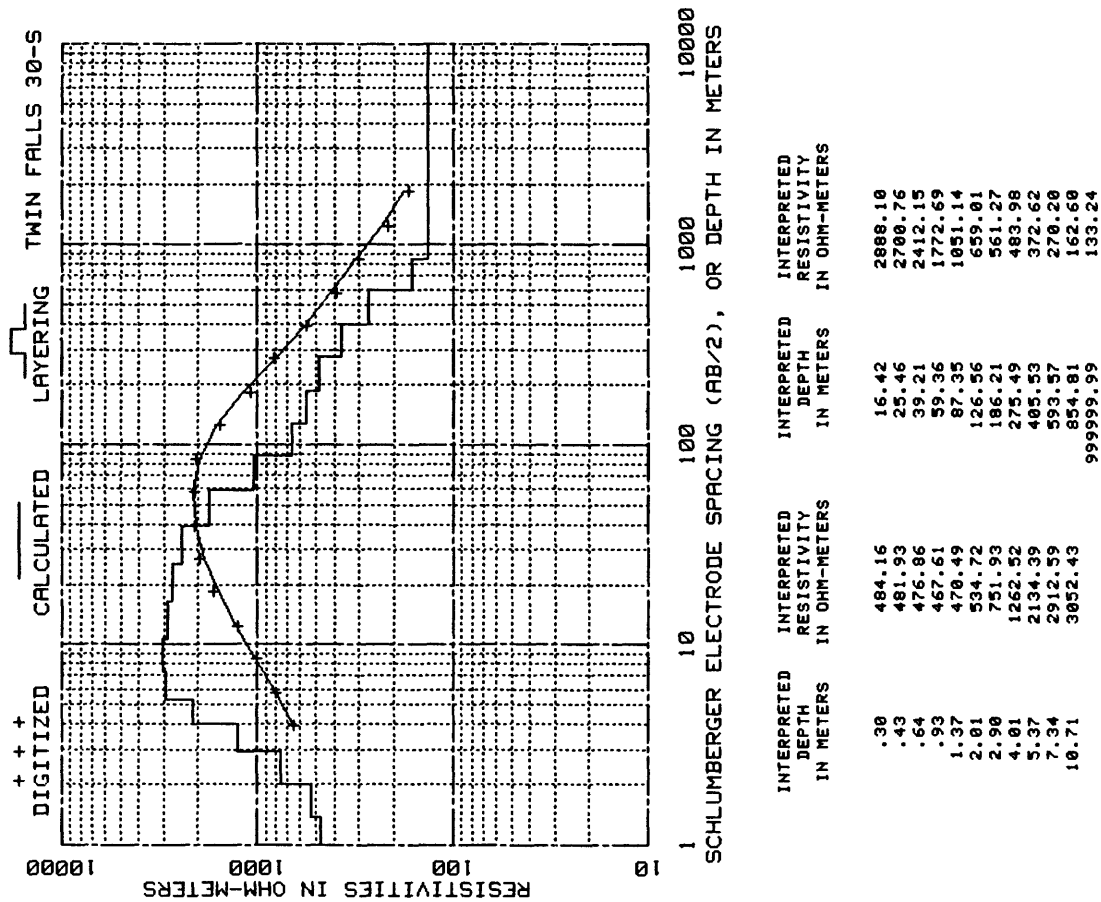


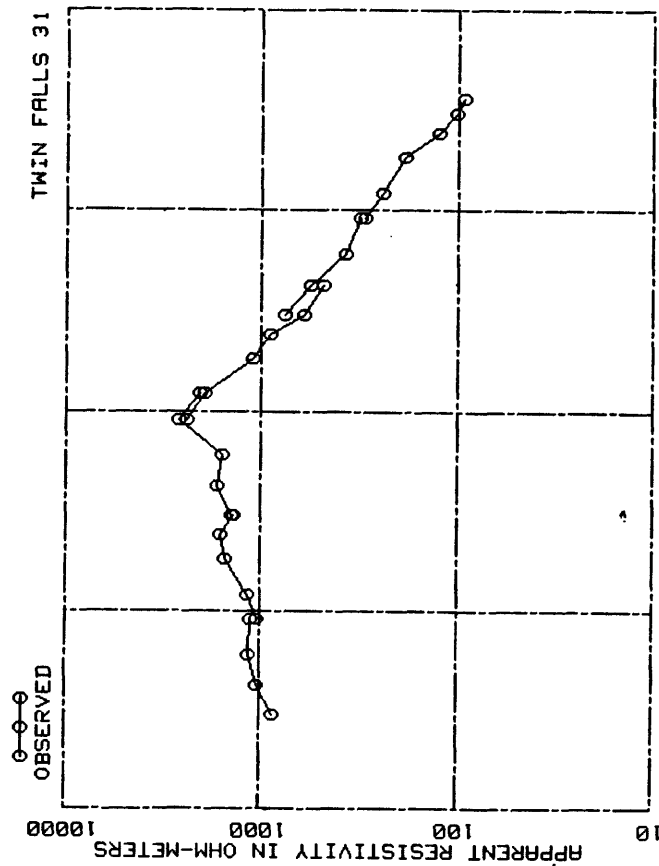
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.32	219.01	11.25	1983.30
.47	220.52	15.88	2342.21
.69	216.89	21.98	4558.59
1.01	211.41	34.29	3729.03
1.48	232.37	56.14	2102.75
2.12	345.12	84.97	879.68
2.89	637.78	119.39	327.74
3.88	1087.94	174.67	235.92
5.36	1294.24	275.56	439.58
7.78	1539.20	421.07	333.98
		999999.99	258.26



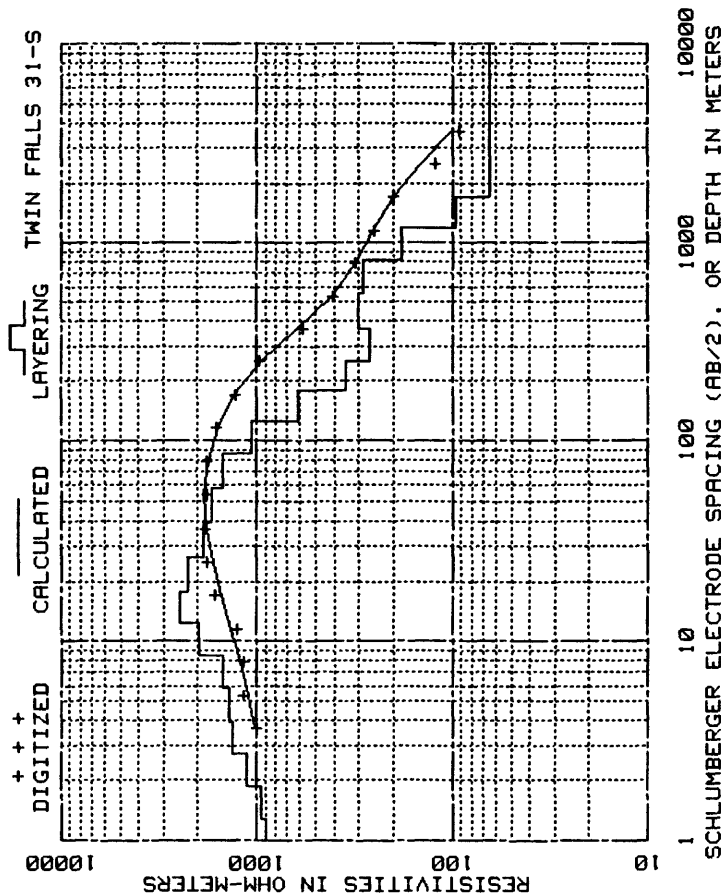
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	1055.00	121.92	2000.00
4.27	1270.00	91.44	1740.00
6.10	1530.00	121.92	1260.00
9.14	1970.00	182.88	875.00
9.14	1980.00	243.84	690.00
12.19	2220.00	304.80	600.00
18.29	3330.00	426.72	408.00
24.38	3420.00	609.60	305.00
30.48	3740.00	304.80	745.00
42.67	5000.00	426.72	470.00
30.48	2610.00	609.60	380.00
42.67	3600.00	914.40	285.00
60.96	2410.00	1219.20	220.00
91.44	2580.00	1828.80	170.00





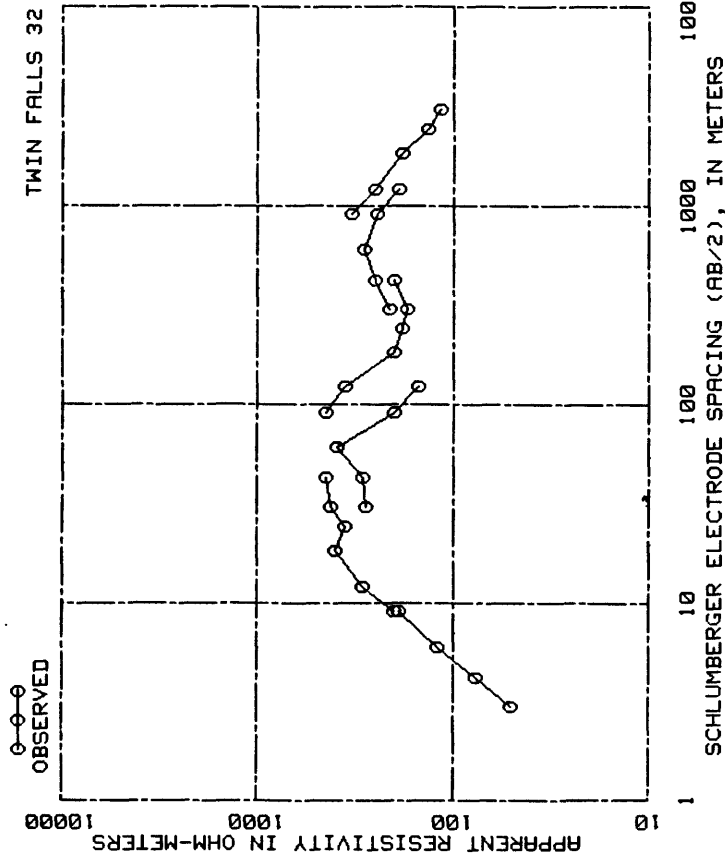
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	860.00	121.92	1950.00
4.27	1050.00	182.88	1110.00
6.10	1150.00	243.84	890.00
9.14	1130.00	304.80	605.00
9.14	1050.00	426.72	480.00
12.19	1175.00	304.80	760.00
18.29	1520.00	426.72	560.00
24.38	1600.00	609.60	370.00
30.48	1390.00	914.40	312.00
30.48	1420.00	1219.20	298.00
42.67	1560.00	914.40	240.00
60.96	1590.00	1828.80	185.00
91.44	2680.00	2438.40	125.00
121.92	2050.00	3048.00	102.00
91.44	2380.00	3657.60	93.00

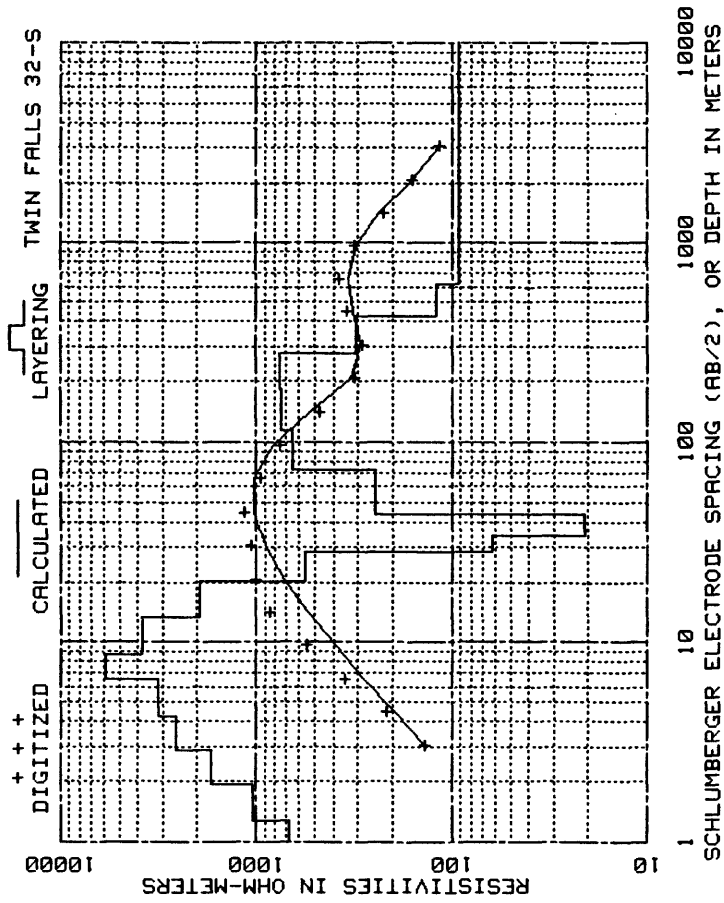


SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

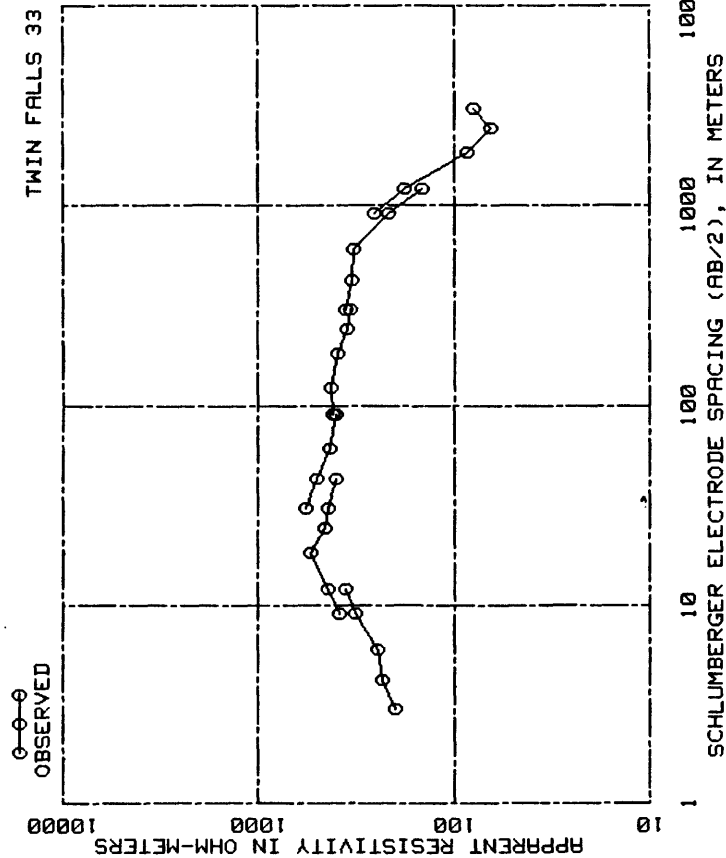
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	913.30	26.23	2253.97
.40	912.25	39.86	1882.14
.59	987.24	57.86	1685.13
.87	988.89	85.37	1492.56
1.27	981.87	124.77	1068.80
1.87	954.72	178.91	622.04
2.73	1120.84	253.06	349.96
3.97	1335.05	365.82	264.85
5.82	1379.63	547.99	303.15
8.53	1479.16	819.00	285.97
12.31	1987.45	1199.03	182.88
17.72	2473.05	1787.79	96.41
		999999.99	64.60



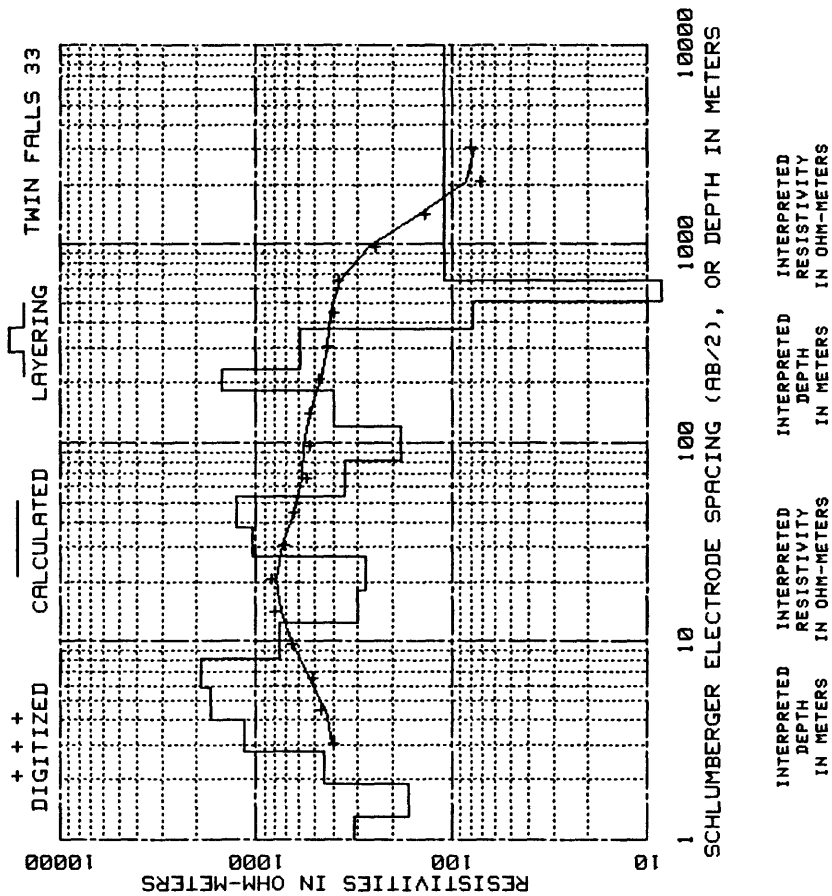
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	51.00	91.44	448.00
4.27	76.00	121.92	358.00
6.10	120.00	182.88	200.00
9.14	190.00	243.84	183.00
9.14	200.00	304.80	171.00
12.19	290.00	426.72	200.00
18.29	400.00	304.80	212.00
24.38	360.00	426.72	250.00
30.48	420.00	609.60	285.00
42.67	450.00	914.40	245.00
30.48	280.00	1219.20	190.00
42.67	290.00	914.40	330.00
60.96	392.00	1219.20	252.00
91.44	200.00	1828.80	180.00
121.92	150.00	2438.40	135.00
		3048.00	115.00



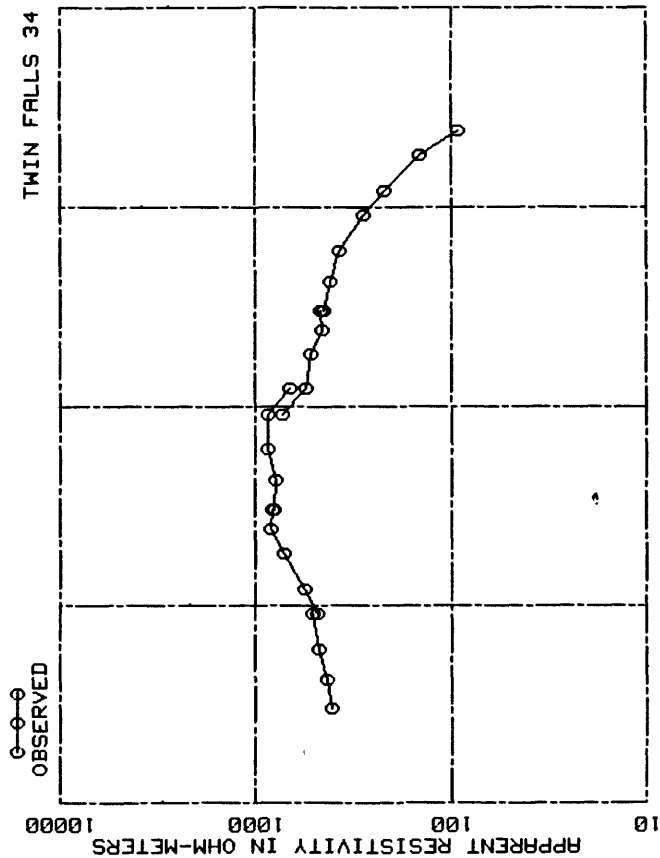
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.10	48.04	8.74	5880.63
.15	30.28	13.33	3843.55
.20	7.65	20.35	1947.43
.31	17.45	28.57	560.44
.45	72.32	34.54	62.11
.63	193.04	44.06	20.88
.89	366.99	72.26	247.04
1.29	674.05	113.28	648.55
1.92	1047.70	183.24	741.19
2.85	1706.97	276.64	755.20
4.23	2582.06	426.45	308.29
6.54	3146.76	616.07	119.27
		999999.99	92.30



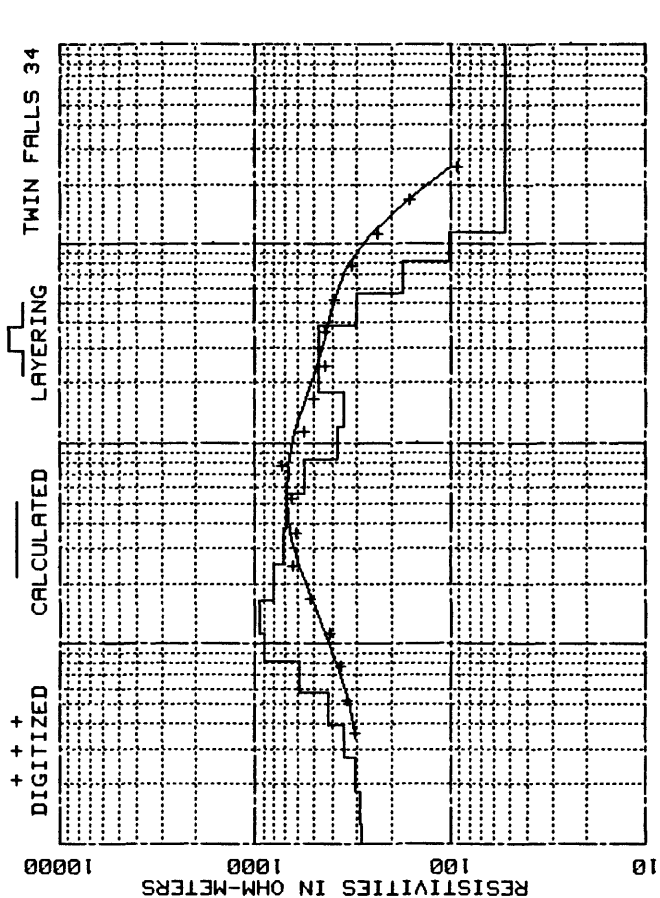
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	200.00	91.44	412.00
4.27	230.00	121.92	420.00
6.10	245.00	182.88	395.00
9.14	320.00	243.84	348.00
12.19	360.00	304.80	340.00
9.14	385.00	304.80	355.00
12.19	440.00	426.72	330.00
18.29	545.00	609.60	325.00
24.38	450.00	914.40	216.00
30.48	440.00	1219.20	145.00
42.67	400.00	914.40	256.00
30.48	570.00	1219.20	177.00
42.67	490.00	1828.80	85.00
60.96	420.00	2438.40	65.00
91.44	400.00	3048.00	80.00



INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.14	464.93	12.50	755.96
.20	430.69	18.10	303.47
.29	338.61	26.85	276.91
.43	341.00	37.70	1042.40
.62	569.60	54.07	1248.77
.88	764.38	82.02	349.42
1.30	313.39	120.59	183.28
1.80	165.22	183.56	403.36
2.76	446.12	234.39	1486.11
4.00	1136.78	369.62	598.14
5.83	1710.62	513.60	77.58
8.25	1093.94	653.34	8.54
		999999.99	108.59

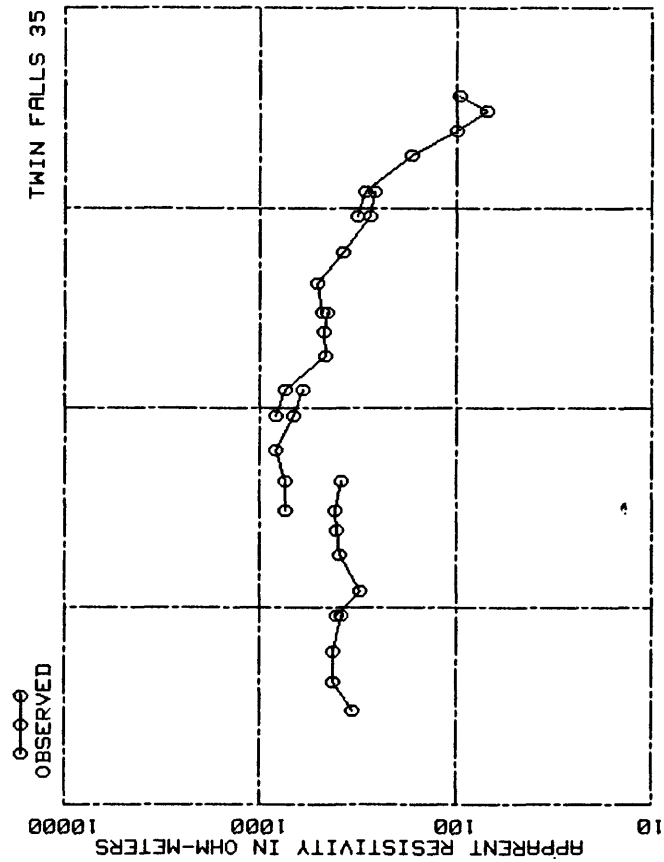


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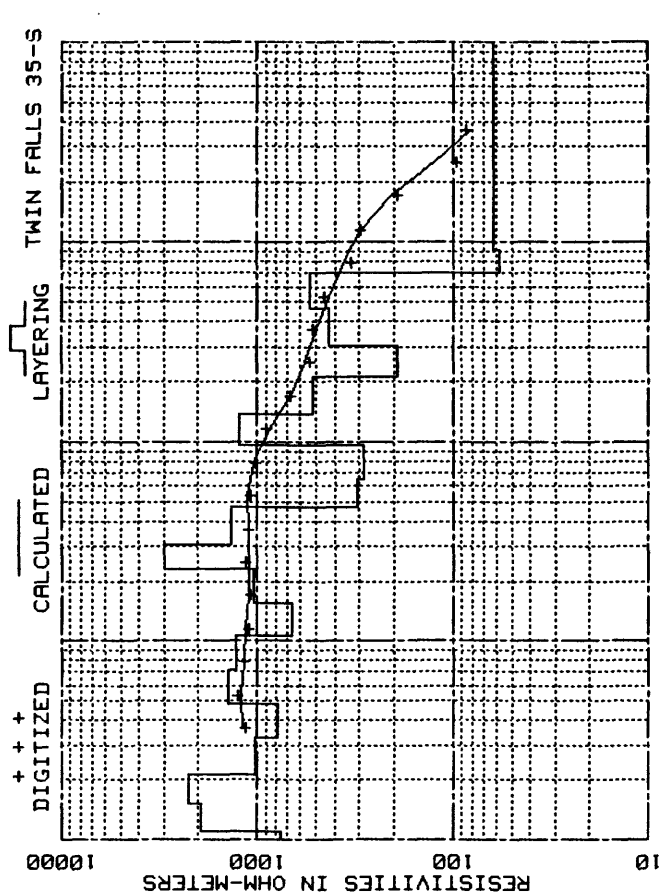
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	289.41	24.80	808.32
.39	289.90	37.33	722.61
.58	290.00	55.76	694.64
.85	289.03	82.65	555.93
1.25	287.32	120.90	381.20
1.83	288.94	177.77	351.19
2.68	306.05	263.31	472.99
3.93	349.02	388.86	477.58
5.71	426.54	568.36	303.55
8.15	598.00	814.50	174.77
11.38	891.33	1154.69	101.60
16.47	955.71	999999.99	52.26

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	485.00	121.92	650.00
4.27	435.00	91.44	730.00
6.10	475.00	121.92	550.00
9.14	508.00	182.88	520.00
9.14	485.00	243.84	460.00
12.19	558.00	304.80	465.00
18.29	720.00	304.80	445.00
24.38	825.00	426.72	415.00
30.48	820.00	609.60	368.00
30.48	795.00	914.40	282.00
42.67	780.00	1219.20	220.00
60.96	870.00	1828.80	145.00
91.44	860.00	2438.40	93.00



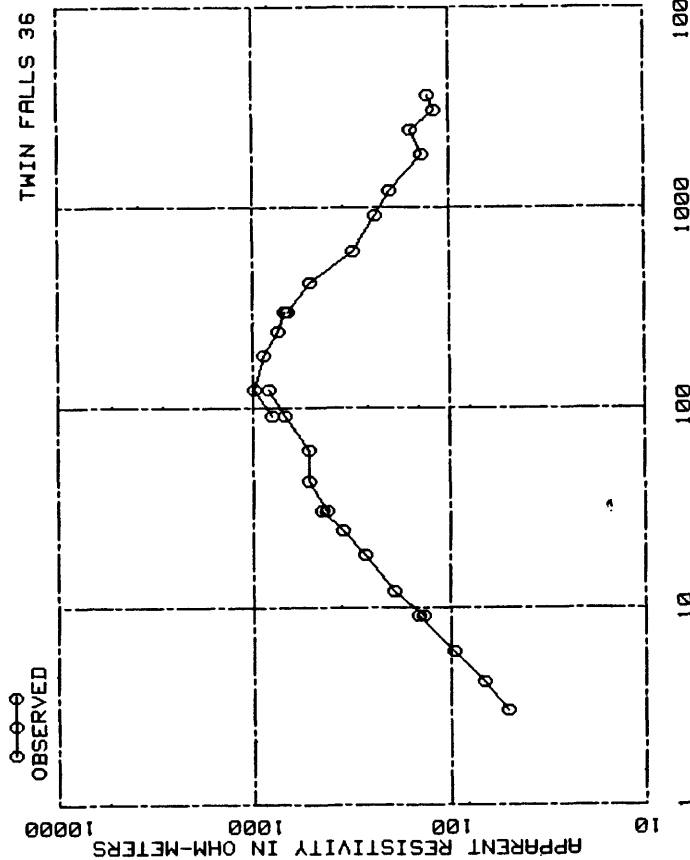
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	340.00	91.44	825.00
4.27	420.00	121.92	750.00
6.10	420.00	182.88	452.00
9.14	384.00	243.84	470.00
9.14	404.00	304.80	450.00
12.19	310.00	304.80	480.00
18.29	390.00	426.72	510.00
24.38	410.00	609.60	375.00
30.48	412.00	914.40	275.00
42.67	382.00	1219.20	262.00
30.48	750.00	914.40	320.00
42.67	740.00	1219.20	290.00
60.95	830.00	1828.80	170.00
91.44	675.00	2438.40	100.00
121.92	600.00	3048.00	70.00
		3657.60	95.00

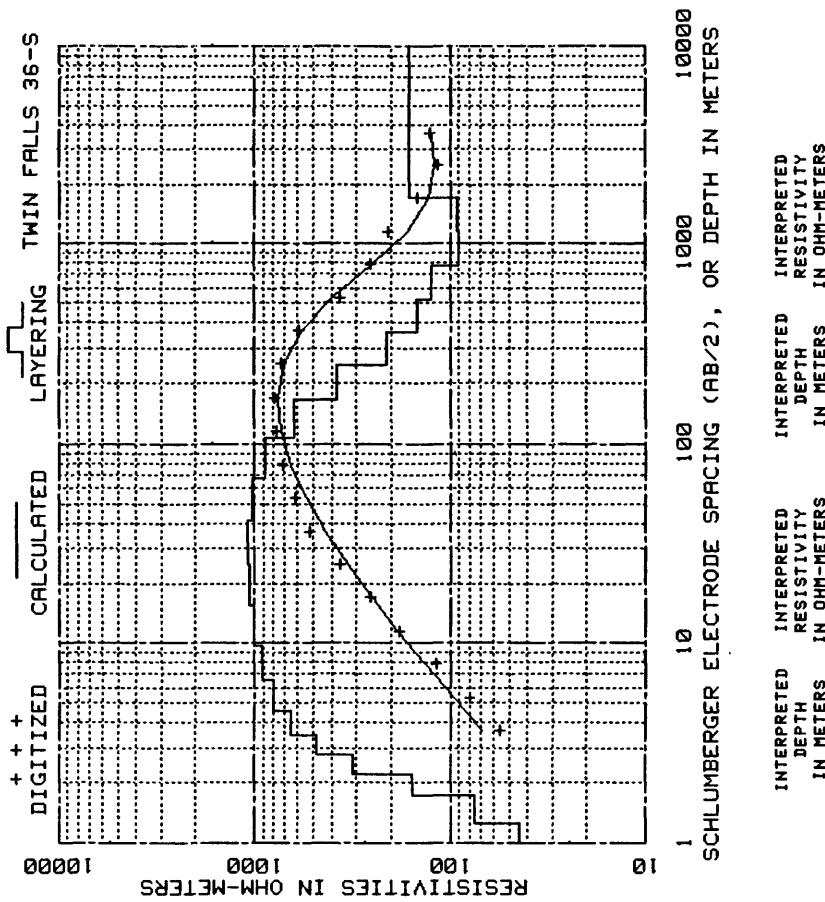


SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

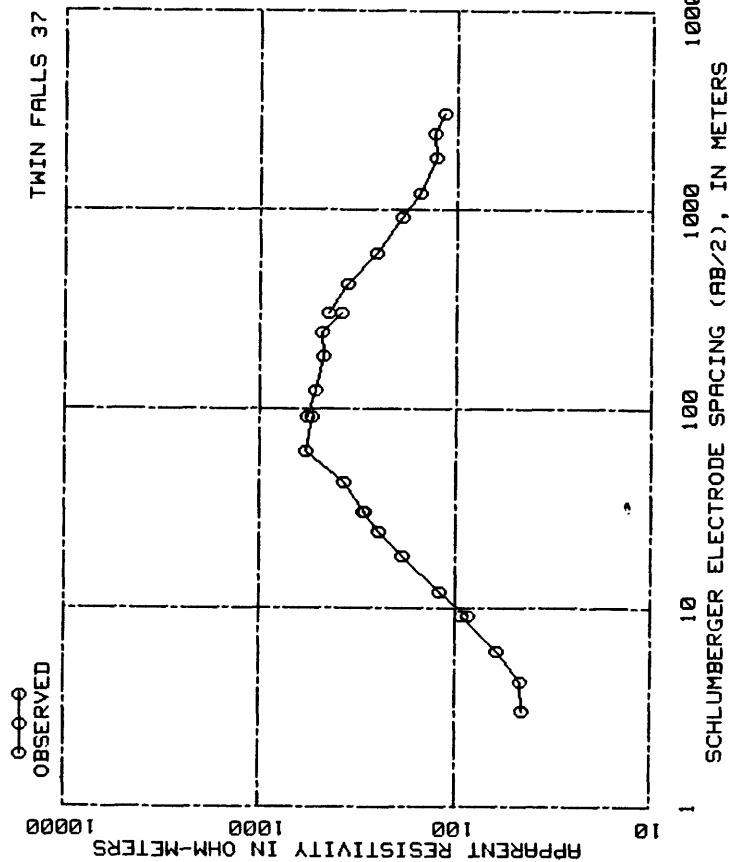
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.16	932.69	15.62	670.44
.24	812.28	23.20	1038.17
.35	1067.45	30.75	2973.45
.51	1087.90	47.10	1365.94
.75	710.84	65.31	309.56
1.10	756.57	96.22	287.04
1.51	1935.58	137.34	1239.19
2.14	2261.60	212.46	515.60
3.24	1028.72	305.52	192.89
4.83	781.30	468.81	434.56
7.16	1410.25	702.88	543.57
10.67	1281.81	910.99	57.60
		999999.99	62.24



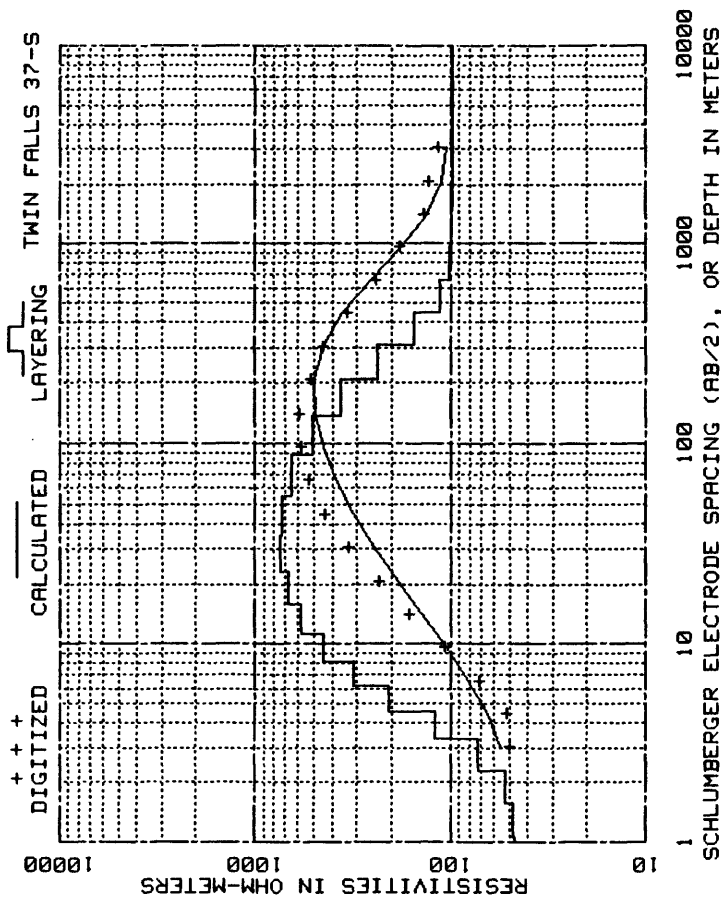
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	51.00	91.44	800.00
4.27	67.00	121.92	900.00
6.10	95.50	182.88	800.00
9.14	146.00	243.84	745.00
12.19	137.00	304.80	685.00
18.29	192.00	384.80	570.00
24.38	269.00	426.72	510.00
30.48	311.00	609.60	310.00
38.48	440.00	914.40	235.00
42.67	521.00	1219.20	200.00
60.96	525.00	1828.80	137.00
91.44	695.00	2438.40	155.00
121.92	830.00	3048.00	118.00
		3657.60	127.00



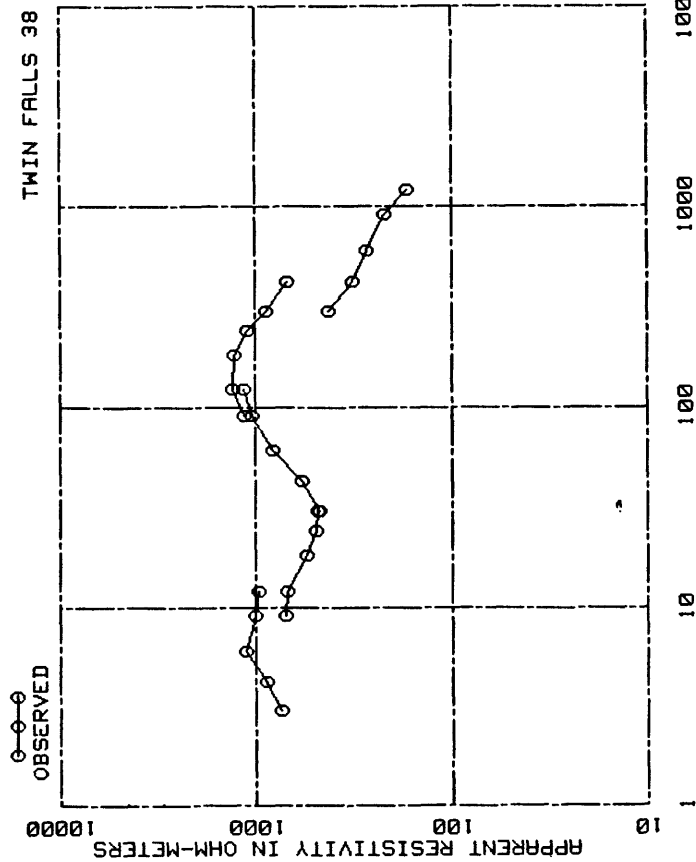
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	26.24	15.43	1001.71
.40	26.84	25.11	1063.17
.59	28.26	41.20	1079.10
.86	32.40	67.14	1024.04
1.25	43.94	107.45	872.78
1.72	75.29	166.57	627.59
2.22	156.36	248.76	375.96
2.75	312.05	360.70	210.37
3.48	485.22	525.90	148.50
4.61	648.84	779.05	124.14
6.49	796.57	1148.75	90.69
9.75	912.43	1723.33	92.87
		999999.99	160.90



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	45.50	91.44	570.00
4.27	46.10	121.92	520.00
6.10	61.00	162.88	475.00
9.14	92.00	243.84	480.00
12.19	85.50	384.80	385.00
18.29	120.00	445.00	445.00
24.38	185.00	426.72	335.00
30.48	244.00	609.60	255.00
36.48	295.00	914.40	189.00
42.67	289.00	1219.20	152.00
60.96	372.00	1628.80	137.00
91.44	587.00	2438.40	130.00
	540.00	3048.00	115.00

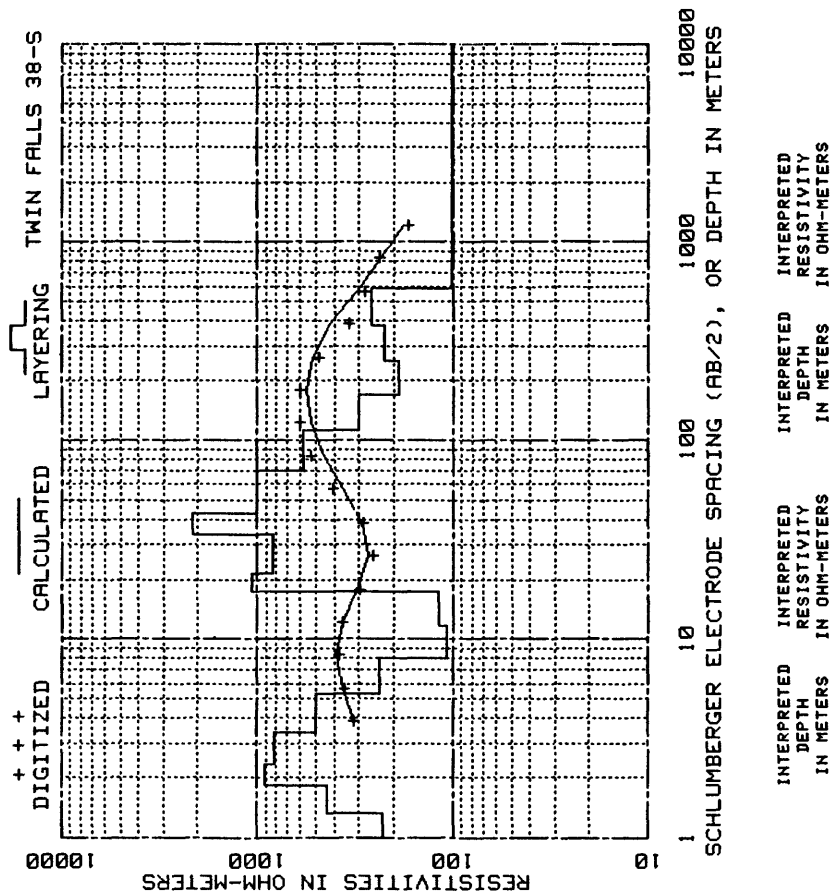


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	49.51	15.72	577.65
.34	49.19	22.98	682.97
.49	48.86	35.08	738.12
.72	48.14	55.27	727.71
1.06	47.28	87.87	650.35
1.56	47.56	137.50	514.55
2.28	52.94	209.08	361.47
3.30	72.04	309.65	235.28
4.59	120.01	451.83	153.34
6.16	205.81	660.93	113.83
8.25	314.37	979.64	101.59
11.21	445.15	1463.01	100.24
		999999.99	98.27

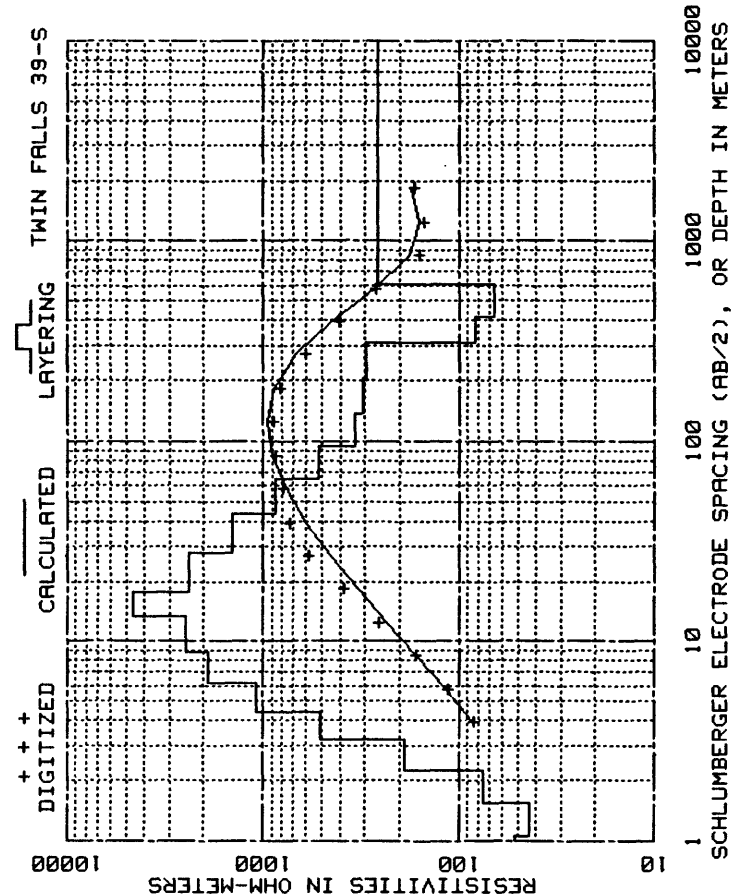
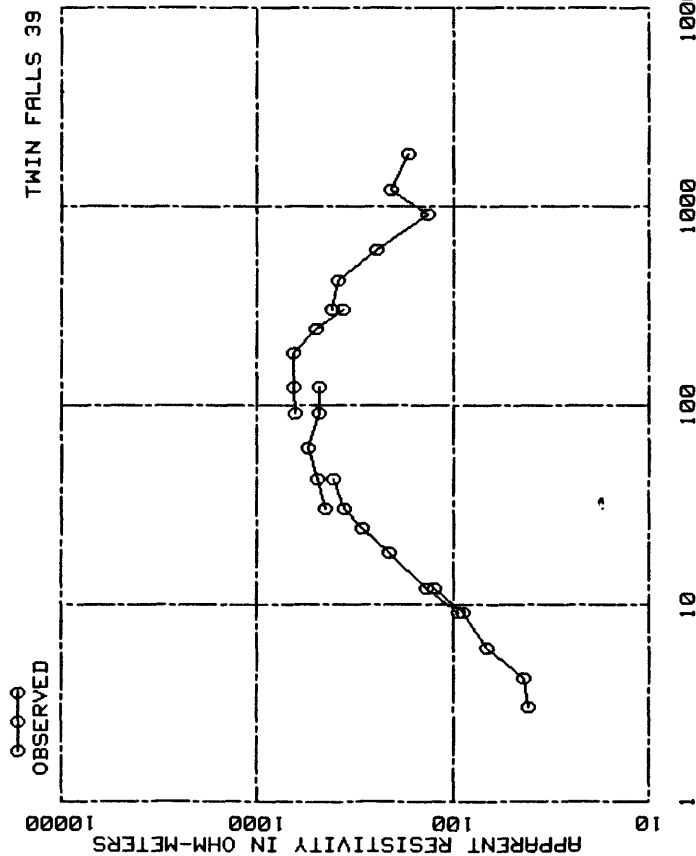


SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	750.00	91.44	1040.00
4.27	880.00	121.92	1140.00
6.10	1120.00	91.44	1140.00
9.14	1000.00	121.92	1300.00
12.19	970.00	182.88	1200.00
9.14	700.00	243.84	1110.00
12.19	695.00	364.80	880.00
18.29	550.00	426.72	685.00
24.38	490.00	364.80	420.00
30.48	480.00	426.72	320.00
30.48	475.00	609.60	272.00
42.67	580.00	914.40	220.00
60.96	810.00	1219.20	167.00

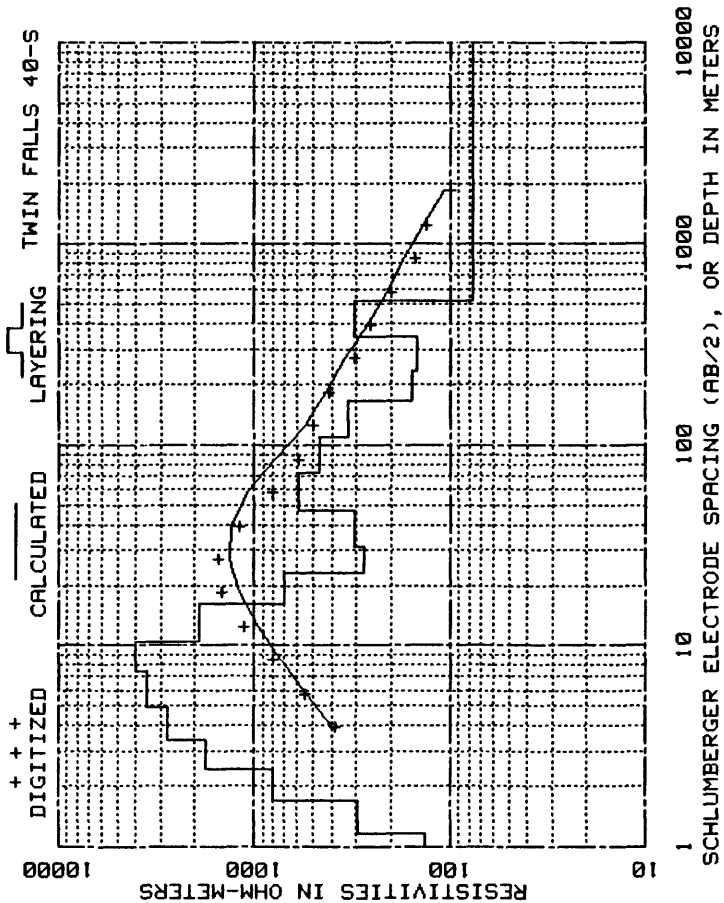
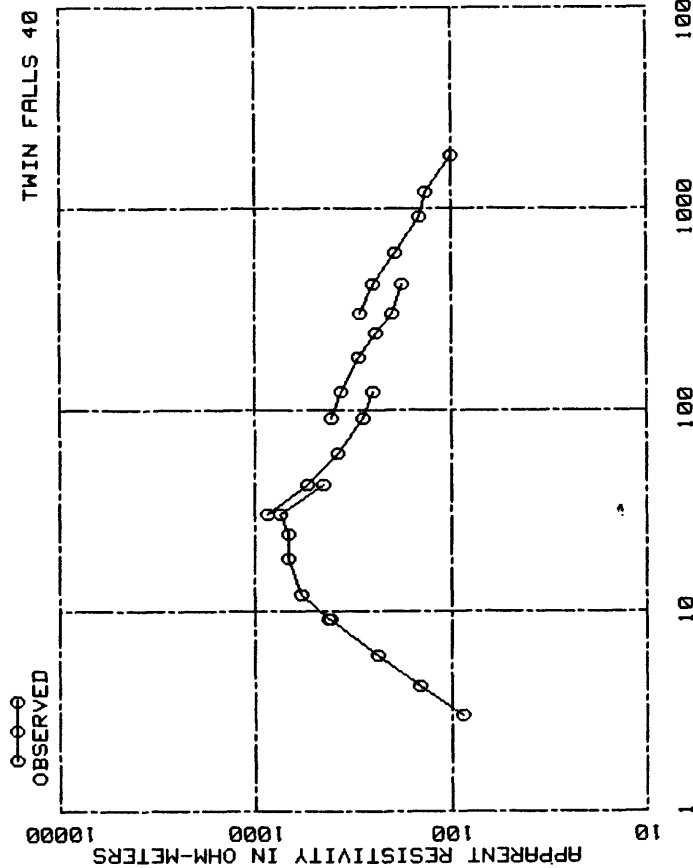


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.29	175.92	17.55	118.91
.42	171.40	21.22	1059.29
.62	166.04	33.76	836.16
.91	171.55	42.01	2115.80
1.33	227.91	69.33	1009.56
1.82	439.53	111.86	583.51
2.34	921.66	169.64	300.13
3.37	814.98	259.80	187.30
5.34	499.63	392.48	224.32
8.09	235.39	580.23	258.43
11.63	106.78	999999.99	101.51



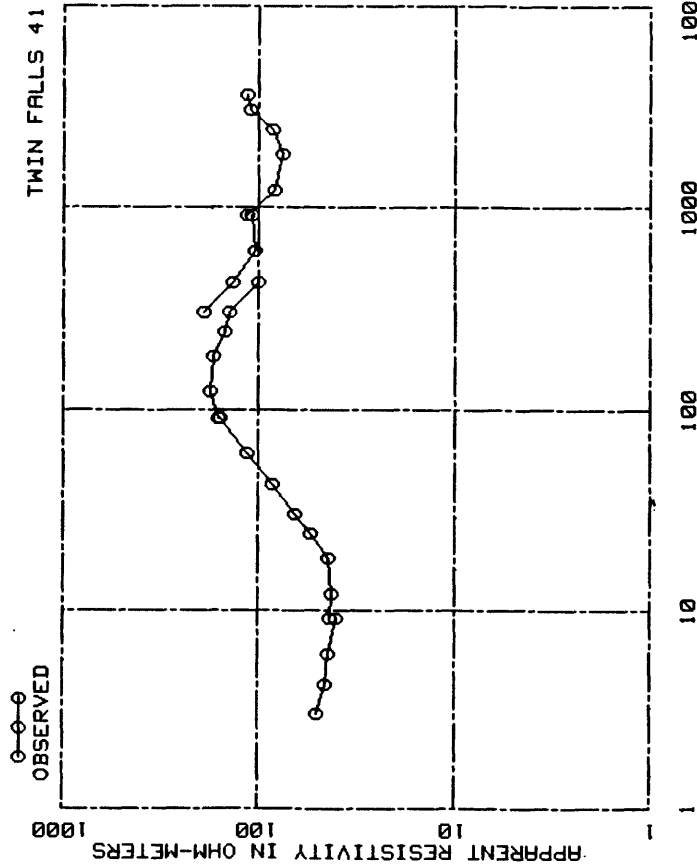
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	41.00	60.96	550.00
4.27	43.50	91.44	480.00
6.10	67.00	121.92	482.00
9.14	89.00	91.44	640.00
12.19	124.00	121.92	650.00
9.14	94.00	182.88	650.00
12.19	136.50	243.84	505.00
18.29	212.00	304.80	365.00
24.38	290.00	304.80	412.00
30.48	360.00	426.72	395.00
42.67	410.00	609.60	245.00
30.48	450.00	914.40	135.00
42.67	495.00	1219.20	207.00
		1828.80	170.00

INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	53.18	13.45	2476.29
.33	51.09	17.69	4562.42
.49	53.50	27.92	2384.41
.72	57.72	43.37	1440.30
1.05	51.48	64.83	860.34
1.54	43.15	94.56	515.65
2.23	75.25	137.36	337.56
3.20	189.06	204.62	310.10
4.43	512.18	306.91	294.39
6.20	1088.72	418.38	82.40
8.89	1910.68	605.23	65.44
		999999.99	257.33

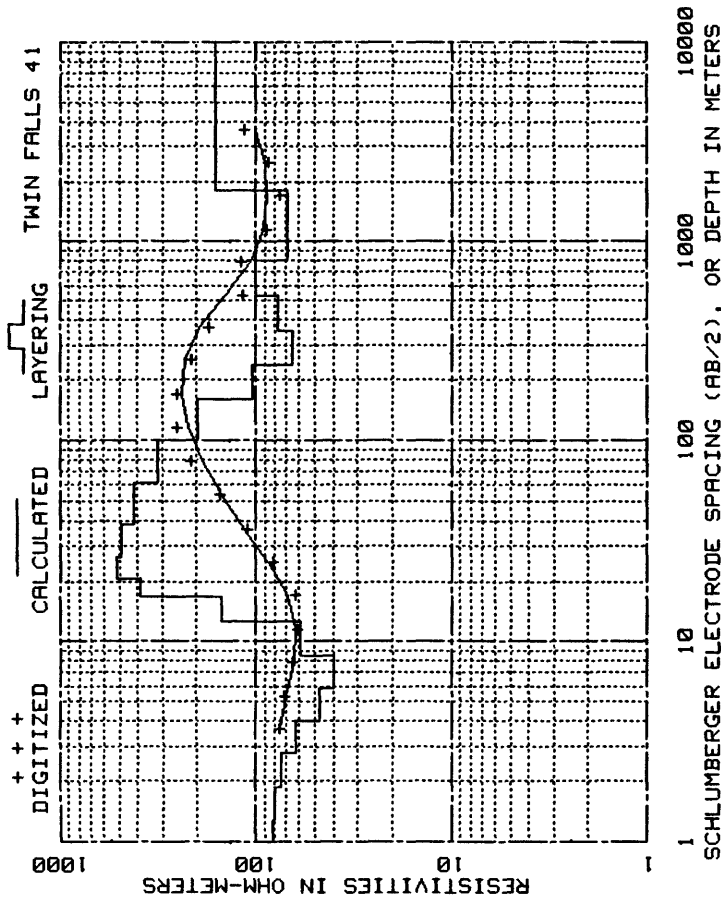


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.17	230.51	10.57	4059.51
.26	177.79	16.10	1886.85
.37	255.79	22.96	697.85
.54	344.03	31.37	273.60
.80	209.57	47.10	308.53
1.16	133.95	72.93	588.03
1.68	297.99	110.71	467.05
2.40	799.71	164.69	329.07
3.37	1774.59	235.05	155.26
4.93	2753.57	346.81	147.05
7.41	3537.90	518.53	309.96
		999999.99	76.51

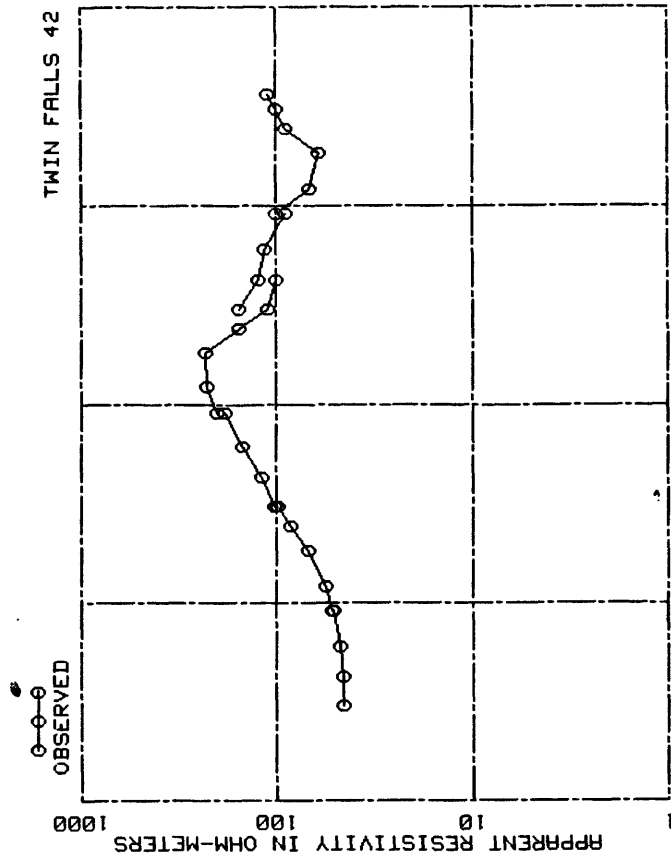
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	87.00	91.44	280.00
4.27	145.00	121.92	250.00
6.10	235.00	91.44	410.00
9.14	414.00	121.92	365.00
12.19	422.00	182.88	297.00
18.29	582.00	243.84	240.00
24.38	680.00	304.80	200.00
30.48	675.00	426.72	178.00
42.67	745.00	304.80	290.00
42.67	450.00	426.72	248.00
30.48	860.00	609.60	192.00
42.67	540.00	914.40	145.00
60.96	375.00	1219.20	134.00
		1828.80	100.00



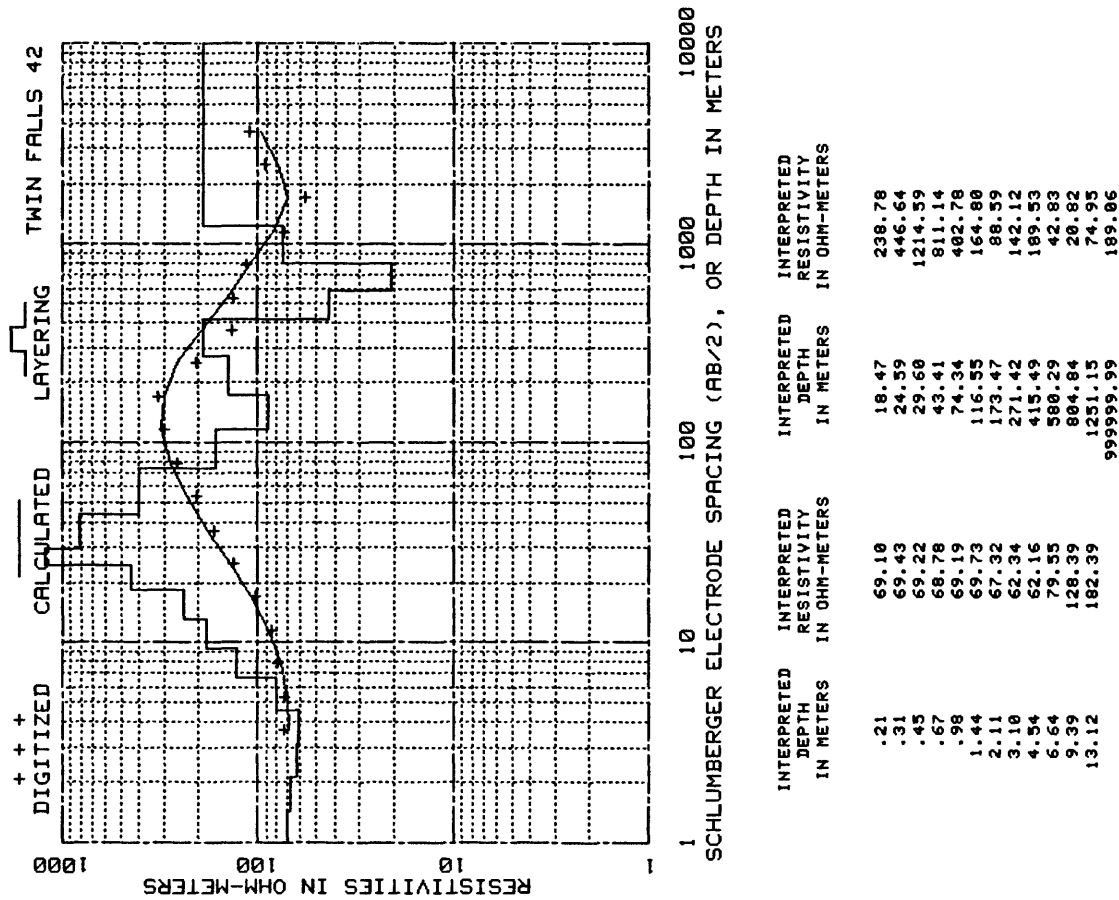
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	50.00	121.92	175.00
4.27	46.00	182.88	170.00
6.10	44.00	243.84	148.00
9.14	40.00	304.80	140.00
12.19	43.00	426.72	100.00
18.29	42.00	584.80	190.00
24.38	44.00	826.72	137.00
30.48	54.00	1099.60	105.00
38.48	65.00	1414.40	100.00
42.67	85.00	1914.40	115.00
60.96	115.00	2629.20	85.00
91.44	158.00	3657.68	76.00
	160.00		85.00
			110.00
			114.00



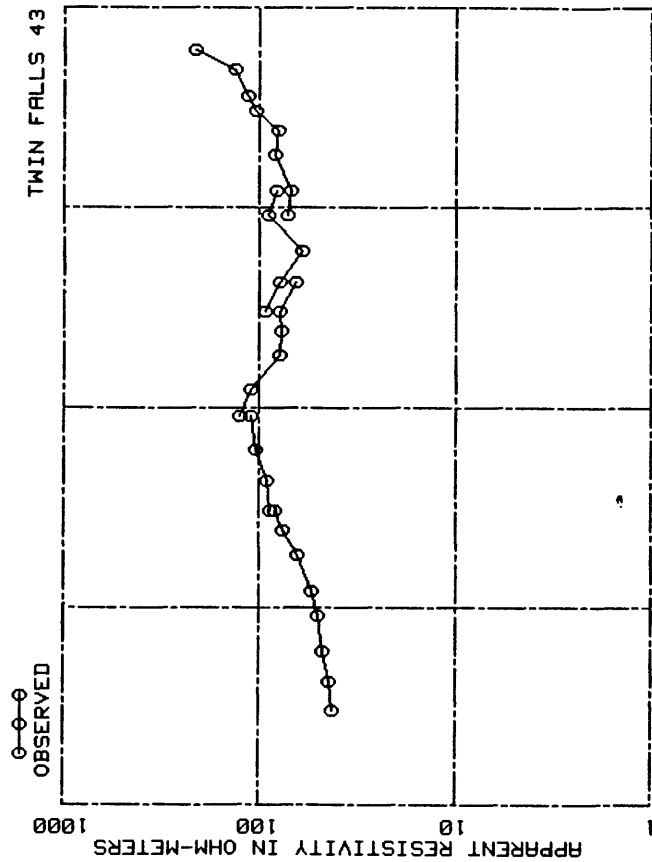
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	80.31	20.70	385.81
.40	80.49	26.53	514.69
.59	80.74	38.26	487.95
.87	81.13	61.10	416.40
1.27	81.40	100.70	317.21
1.87	80.35	159.56	197.12
2.74	75.01	239.38	105.02
4.02	62.69	351.46	64.94
5.85	47.20	534.39	77.88
8.54	40.26	810.75	100.46
12.58	59.76	1207.05	68.55
16.92	149.19	1797.05	69.23
		999999.99	161.74



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	46.00	121.92	224.00
4.27	46.00	182.88	229.00
6.10	47.00	243.84	156.00
9.14	51.00	304.80	110.00
12.19	52.00	426.72	100.00
18.29	56.00	304.80	135.00
24.38	59.00	426.72	123.00
30.48	85.00	609.60	115.00
42.67	98.00	914.40	90.00
60.96	102.00	1219.20	100.00
91.44	120.00	1828.80	60.00
	183.00	2438.40	90.00
	200.00	3048.00	100.00
		3657.60	110.00

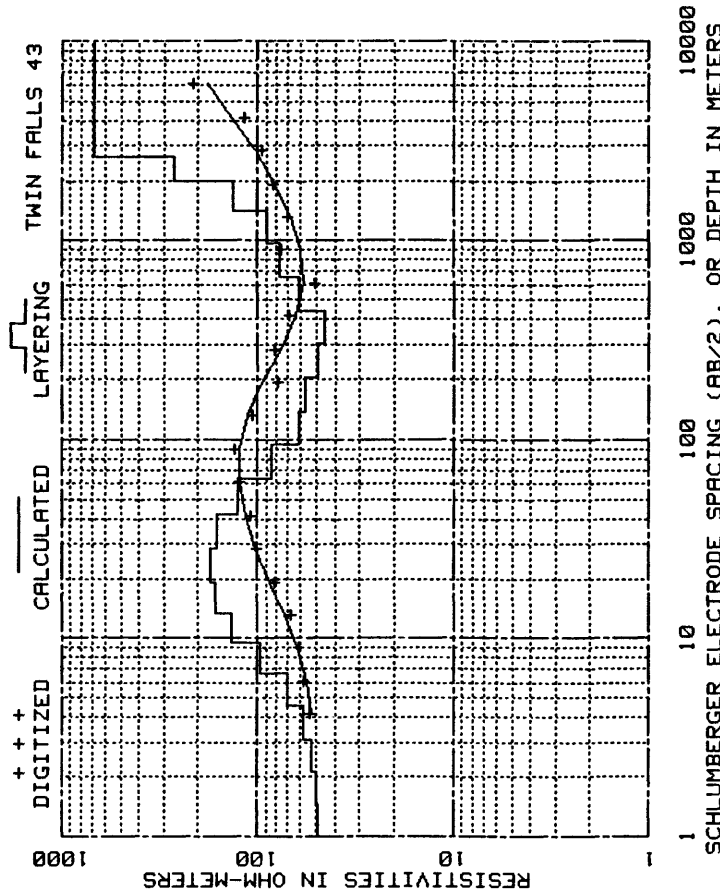


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	69.10	18.47	238.78
.31	69.43	24.59	446.64
.45	69.22	29.60	1214.59
.67	68.78	43.41	811.14
.98	69.19	74.34	402.78
1.44	69.73	116.55	164.80
2.11	67.32	173.47	88.59
3.10	62.34	271.42	142.12
4.54	62.16	415.49	189.53
6.64	79.55	580.29	42.83
9.39	128.39	804.84	20.82
13.12	182.39	1251.15	74.93
		999999.99	189.06



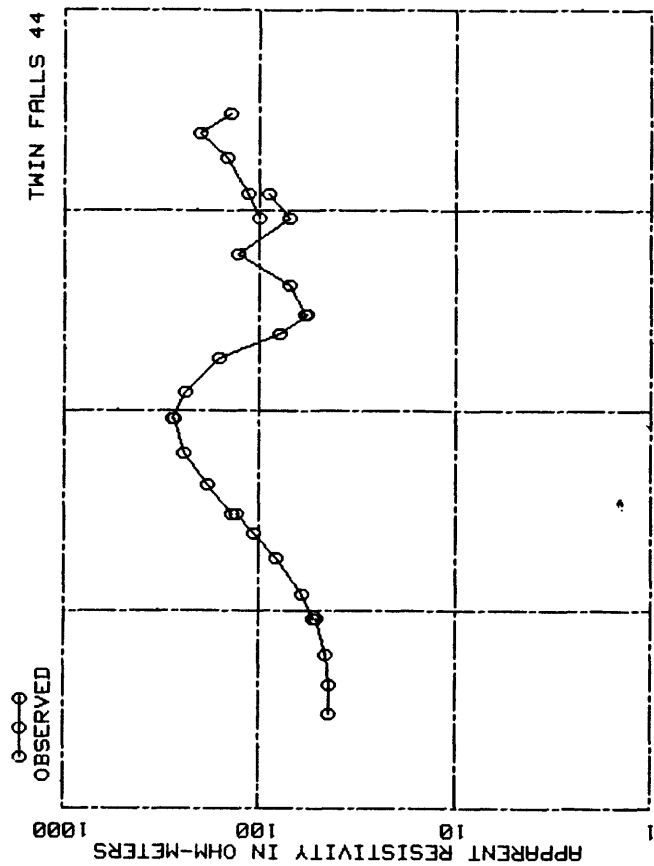
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	42.00	243.84	77.00
4.27	44.00	304.80	70.00
6.10	47.00	426.72	65.00
9.14	50.00	304.80	93.00
12.19	54.00	426.72	79.00
18.29	64.00	609.60	60.00
24.38	76.00	914.40	90.00
30.48	84.00	1219.20	81.00
42.67	92.00	1828.80	72.00
60.96	105.00	2438.40	69.00
91.44	110.00	3048.00	84.00
121.92	125.00	4876.80	80.00
182.88	110.00	6096.00	105.00
	70.00		115.00
			133.00
			215.00



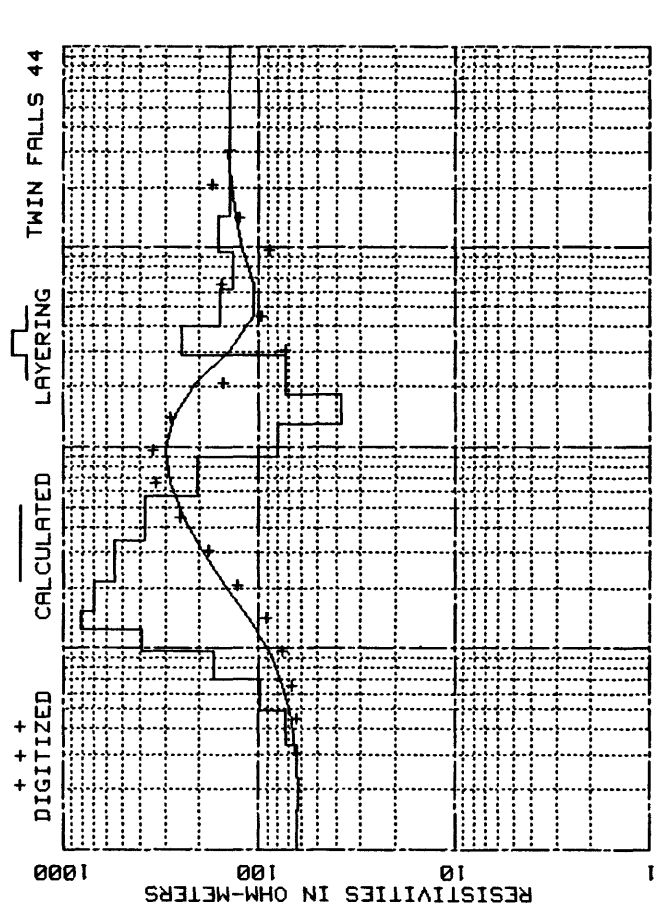
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.31	49.48	42.36	161.73
.46	49.30	63.74	125.39
.67	49.08	94.37	84.52
.98	48.92	138.31	62.18
1.45	48.90	203.88	56.64
2.12	49.80	300.43	49.36
3.11	52.58	443.35	45.58
4.56	58.32	657.07	61.14
6.64	70.78	963.65	77.10
9.58	97.36	1407.25	89.91
13.42	135.89	1999.98	133.67
19.23	162.79	2652.11	269.15
28.25	171.83	999999.99	682.26



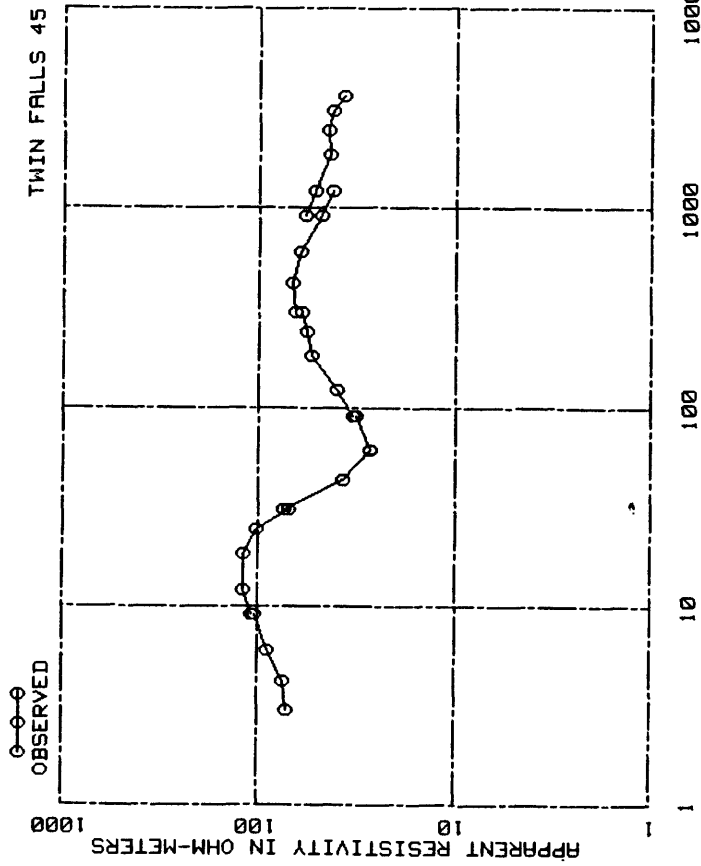
TWIN FALLS 44
OBSERVED
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	44.00	121.92	240.00
4.27	44.00	182.88	160.00
6.10	46.00	243.84	79.00
9.14	51.00	304.80	57.00
9.14	53.00	304.80	58.00
12.19	60.00	426.72	78.00
18.29	81.00	609.60	128.00
24.38	107.00	914.40	78.00
30.48	130.00	1219.20	90.00
30.48	138.00	914.40	100.00
42.67	185.00	1219.20	114.00
60.96	245.00	1828.80	145.00
91.44	275.00	2438.40	200.00
		3048.00	141.00

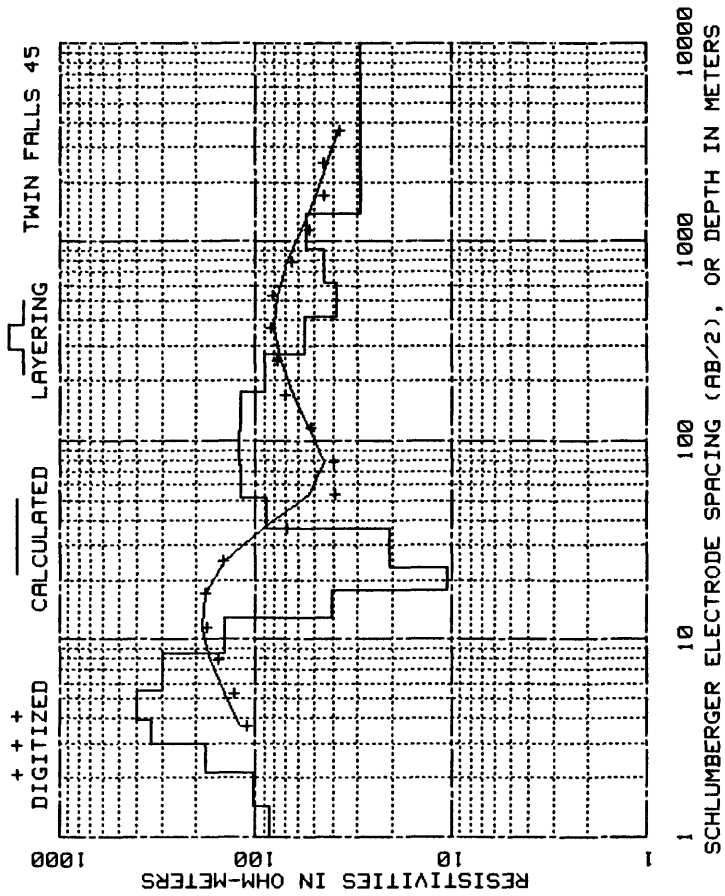


TWIN FALLS 44
DIGITIZED
CALCULATED
LAYERING
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

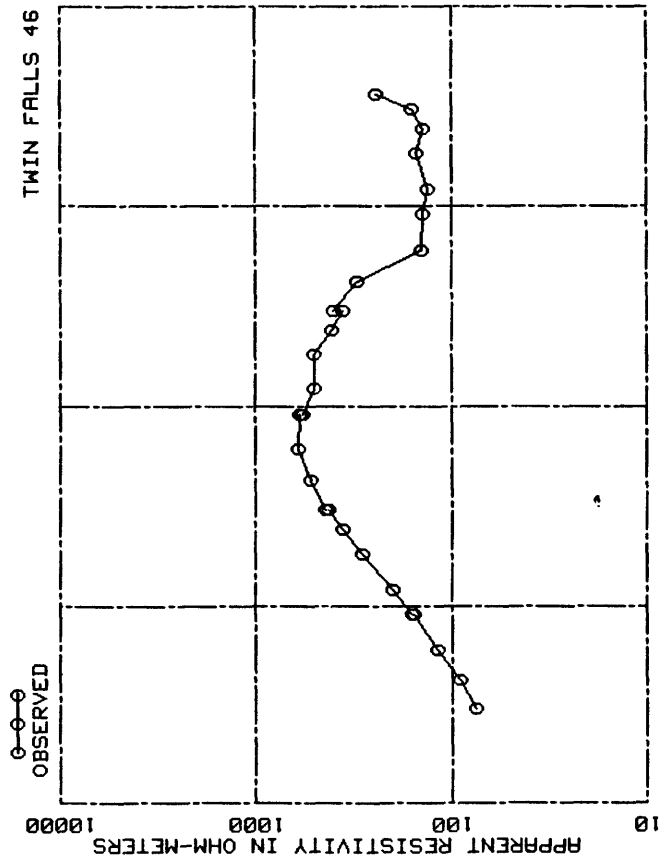
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	63.70	15.17	808.61
.34	63.76	21.34	698.97
.49	63.86	34.30	545.54
.72	63.97	57.06	383.65
1.06	63.95	89.71	283.73
1.56	63.45	130.09	80.92
2.29	62.93	183.48	37.75
3.35	64.20	288.92	72.58
4.92	72.40	481.07	247.31
7.10	97.83	624.85	157.35
9.81	170.25	962.76	134.95
12.42	397.42	1451.37	162.04
		999999.99	140.45



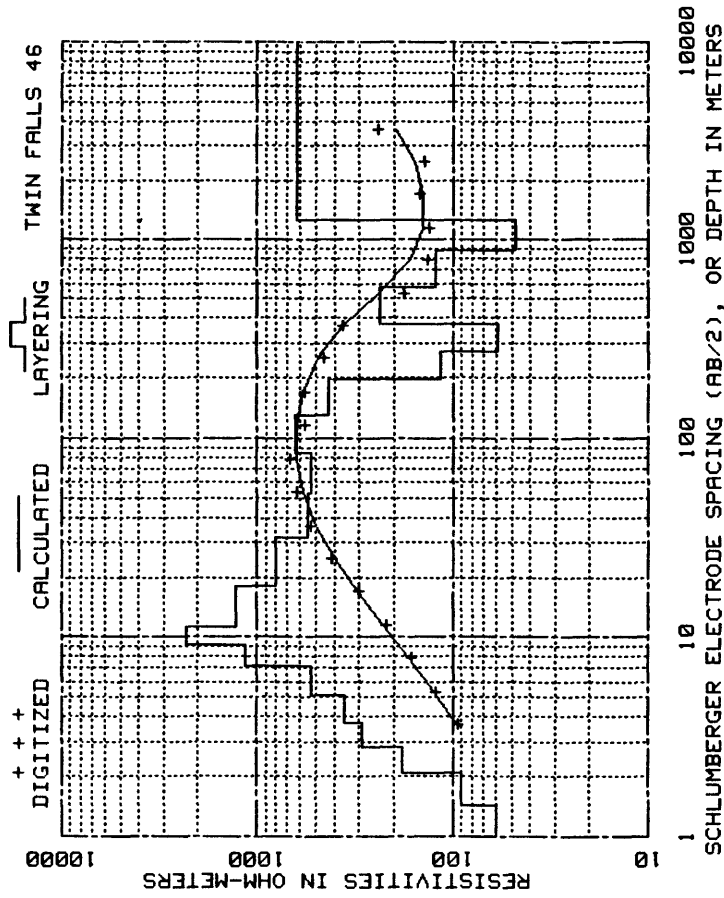
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	71.00	121.92	40.00
4.27	74.00	182.88	54.00
6.10	90.00	243.94	57.00
9.14	105.00	304.80	60.00
9.14	109.00	384.80	65.00
12.19	120.00	426.72	68.00
18.29	120.00	609.60	62.00
24.38	102.00	914.40	48.00
30.48	70.00	1219.20	42.00
38.48	75.00	1914.40	58.00
42.67	37.00	1219.20	52.00
60.96	27.00	1828.80	44.00
91.44	32.00	2438.40	45.00
91.44	33.00	3048.00	42.00
		3657.60	37.20



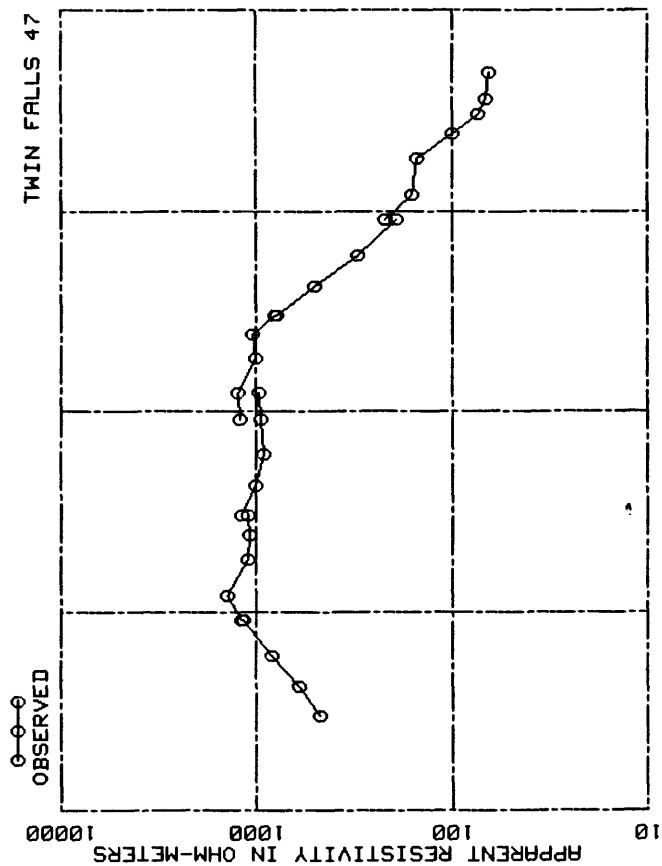
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	93.06	17.84	41.01
.31	92.92	22.92	10.50
.45	95.98	36.26	20.85
.67	97.83	52.17	88.23
.98	91.56	74.88	119.23
1.44	84.48	112.92	122.36
2.11	102.61	174.88	118.10
2.96	180.54	273.30	90.59
3.94	344.08	414.56	55.92
5.49	483.82	615.24	38.73
8.44	297.28	924.14	44.77
12.90	144.28	1382.20	55.33
		999999.99	29.26



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	75.00	91.44	575.00
4.27	90.00	121.92	500.00
6.10	117.00	182.89	500.00
9.14	156.00	243.84	410.00
12.19	200.00	384.80	355.00
18.29	285.00	384.80	400.00
24.38	360.00	426.72	300.00
30.48	425.00	609.60	142.00
36.48	440.00	914.48	140.00
42.67	520.00	1219.20	132.00
60.96	600.00	1828.80	150.00
91.44	590.00	2438.40	140.00
		3048.00	160.00
		3637.60	240.00

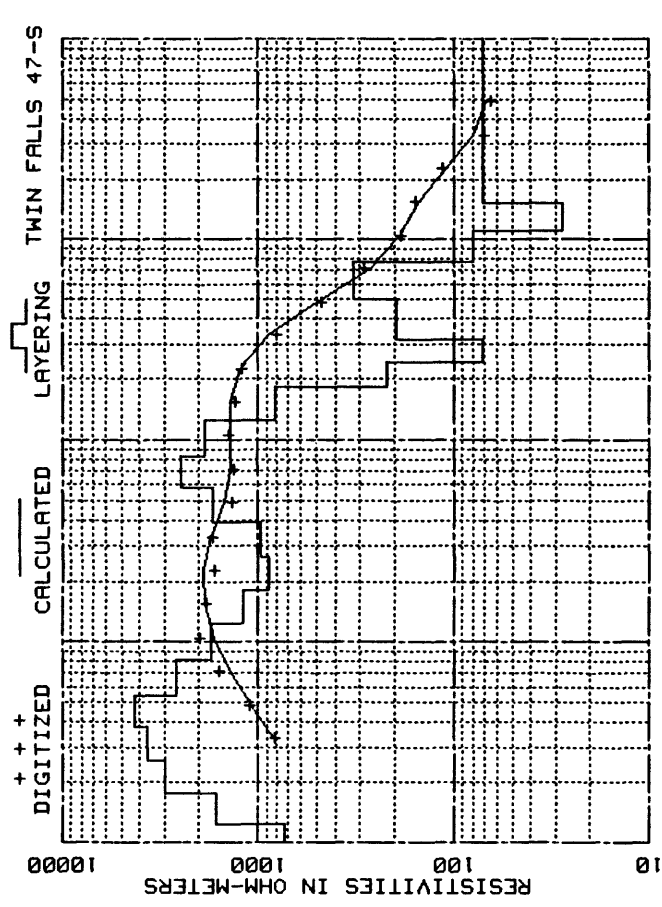


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	63.11	11.25	2296.77
.31	62.39	18.01	1291.78
.45	63.89	31.99	801.46
.67	64.36	53.17	549.06
.90	59.52	84.27	529.16
1.44	59.86	129.95	638.62
2.81	89.89	196.18	429.92
2.88	180.37	268.80	114.62
3.73	292.83	371.83	59.87
5.18	359.57	574.76	237.92
7.15	528.35	879.53	121.48
9.13	1144.87	1257.71	47.78
		999999.99	629.68



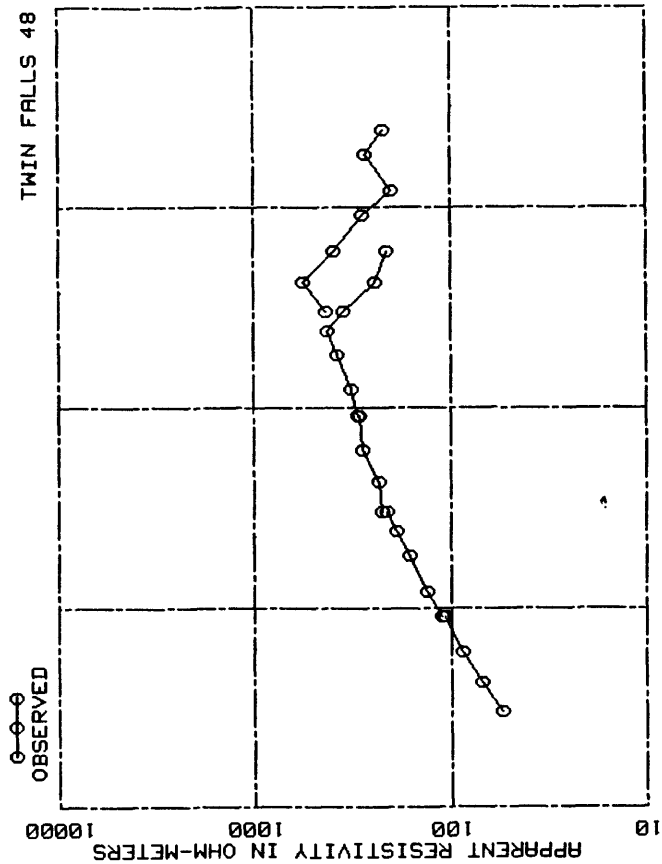
TWIN FALLS 47

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	470.00	121.92	1240.00
4.27	600.00	182.88	1000.00
6.10	835.00	243.84	1040.00
9.14	1160.00	304.80	800.00
9.14	1200.00	304.80	790.00
12.19	1420.00	426.72	500.00
18.29	1095.00	609.60	300.00
24.38	1075.00	914.40	192.00
30.48	1100.00	914.40	220.00
30.48	1200.00	1219.20	160.00
42.67	1000.00	1828.80	150.00
60.96	910.00	2438.40	100.00
91.44	950.00	3048.00	74.00
121.92	970.00	3657.60	67.00
91.44	1220.00	4876.80	64.00

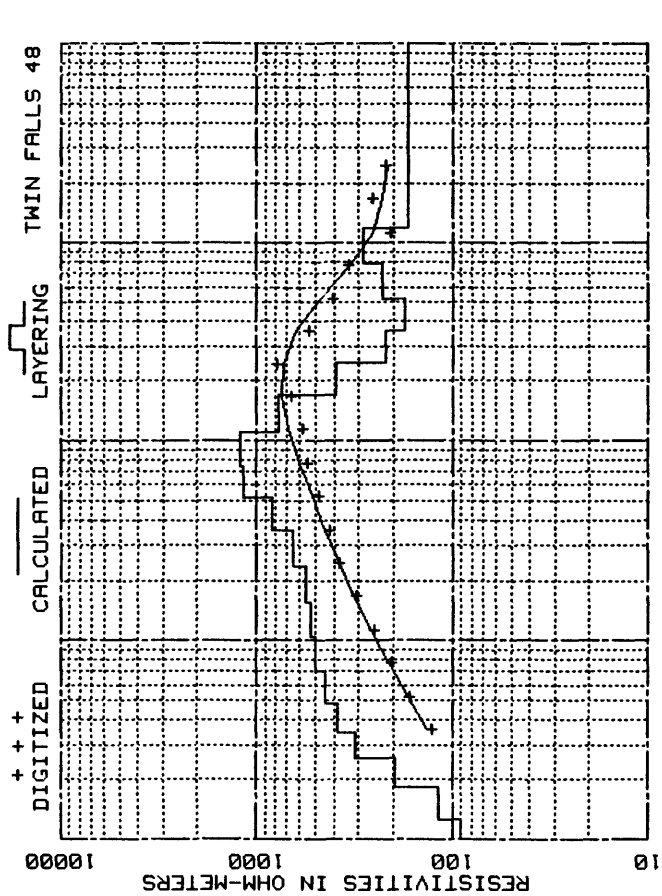


TWIN FALLS 47-S

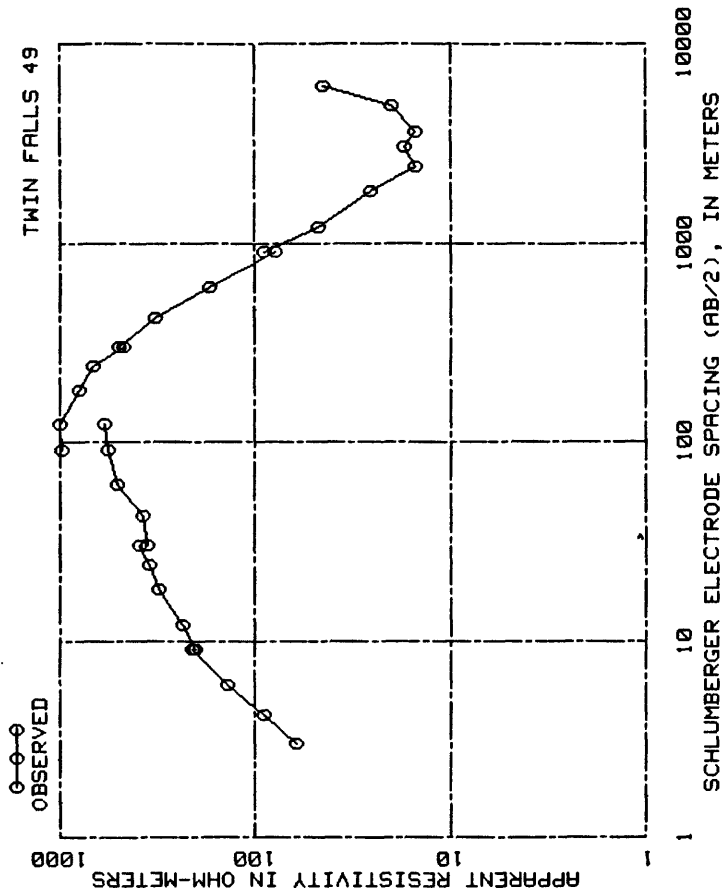
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.19	388.58	26.49	888.76
.28	421.16	39.42	974.72
.41	418.54	58.11	1689.80
.60	336.17	83.35	2455.68
.89	308.14	124.67	1879.00
1.24	725.42	181.39	809.99
1.76	1648.93	241.16	218.60
2.55	2991.50	312.28	71.47
3.81	3710.06	501.31	196.36
5.42	4310.59	778.81	328.02
8.26	2643.16	1117.36	78.79
12.33	1720.78	1515.76	27.62
18.10	1185.92	99999.99	70.54



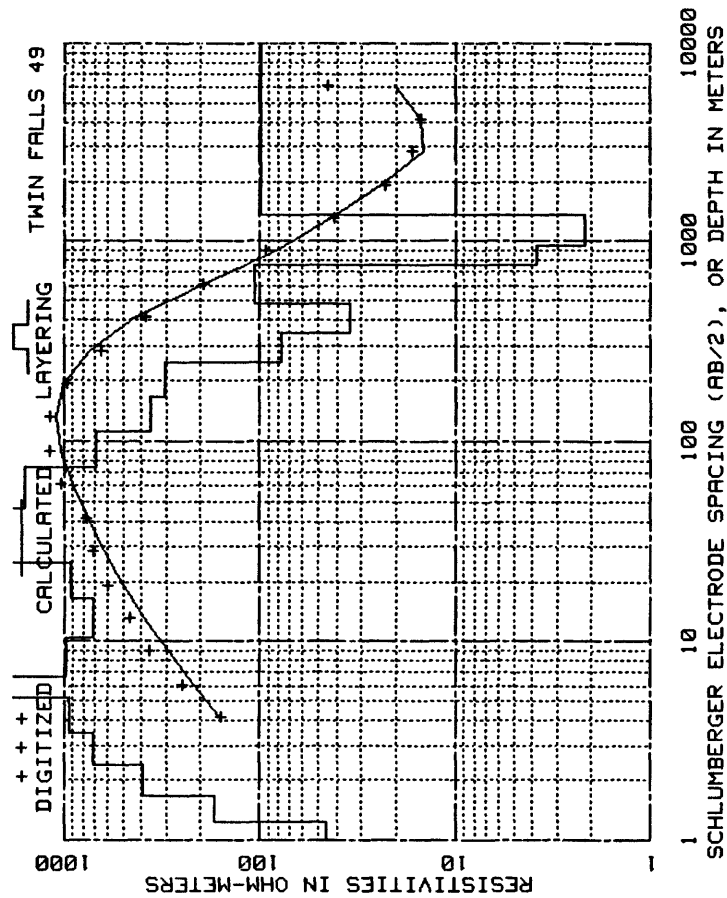
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	55.00	91.44	295.00
4.27	70.00	121.92	320.00
6.10	87.00	182.88	376.00
9.14	108.00	243.84	420.00
12.19	112.00	304.80	350.00
18.29	132.00	426.72	240.00
24.38	162.00	609.60	210.00
30.48	190.00	804.00	435.00
42.67	211.00	1206.72	560.00
60.96	230.00	1609.60	392.00
91.44	280.00	2438.40	200.00
	292.00		270.00
			220.00



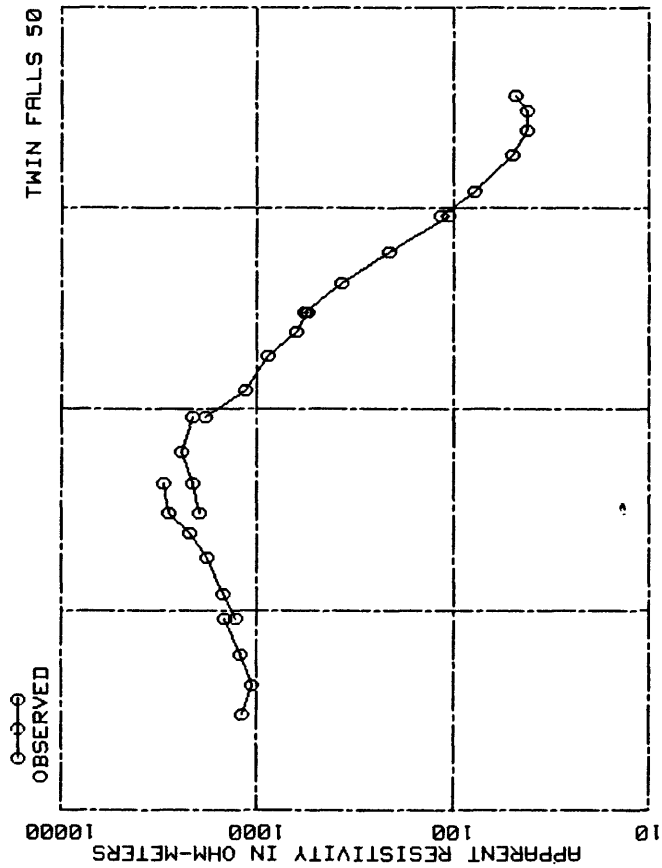
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	91.24	23.71	563.92
.39	91.55	35.46	646.74
.58	90.38	51.99	839.54
.85	87.95	74.59	1174.88
1.25	90.76	110.50	1203.42
1.82	117.38	168.74	767.32
2.54	196.94	248.62	393.91
3.47	312.04	357.24	219.49
4.88	383.04	523.17	175.64
7.05	449.61	798.14	226.93
10.43	504.22	1187.11	287.32
15.70	530.39	999999.99	169.89



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	62.00	121.92	1000.00
4.27	90.00	182.88	800.00
6.10	138.00	243.84	675.00
9.14	208.00	304.80	470.00
12.19	233.00	426.72	500.00
18.29	310.00	609.60	320.00
24.38	348.00	914.40	170.00
30.48	390.00	1219.20	89.00
42.67	505.00	1828.80	47.00
60.96	570.00	2438.40	25.50
91.44	590.00	3048.00	15.00
121.92	970.00	3657.60	17.20
91.44		4876.80	15.00
		6096.00	20.00
			44.60

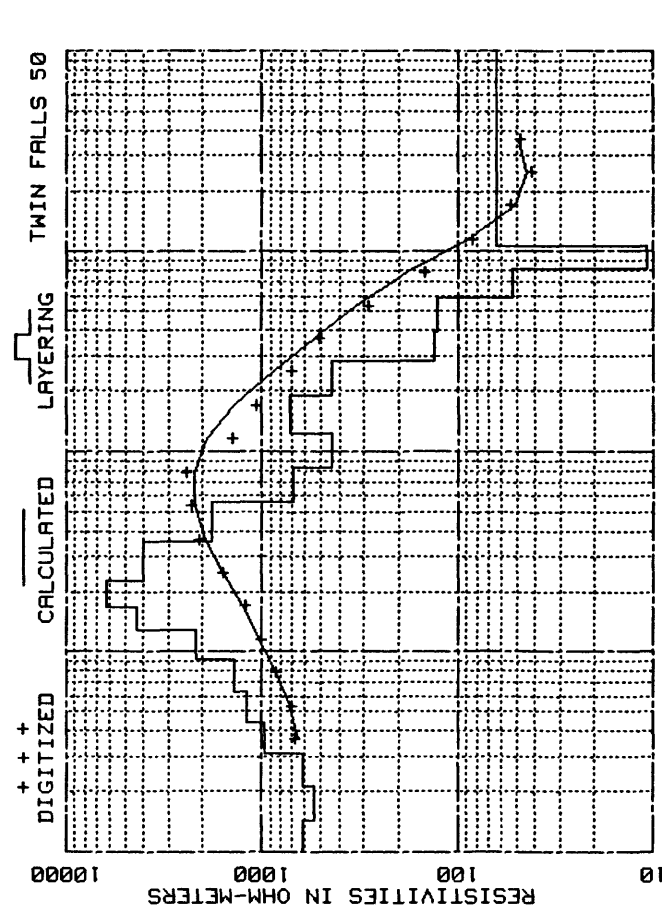


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.18	86.93	24.84	919.21
.27	63.59	33.84	2205.45
.39	100.00	46.33	3150.41
.57	137.66	73.41	1590.47
.83	67.50	111.64	677.57
1.22	45.87	165.11	359.62
1.67	169.99	246.69	302.98
2.30	395.73	344.49	77.90
3.44	706.84	488.38	34.40
5.20	938.86	760.29	106.72
6.67	1986.43	954.34	3.79
10.48	983.46	1368.67	2.18
16.35	709.96	999999.99	97.79



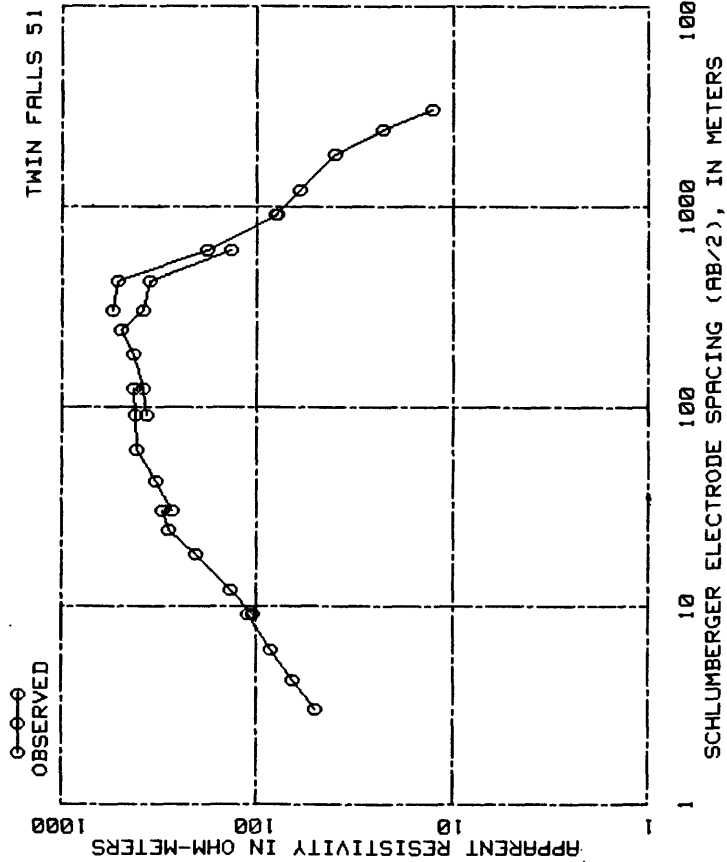
TWIN FALLS 50

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	1190.00	91.44	1950.00
4.27	1070.00	121.92	1140.00
6.10	1200.00	182.88	875.00
9.14	1475.00	243.84	625.00
9.14	1290.00	304.80	550.00
12.19	1480.00	384.80	575.00
18.29	1800.00	426.72	370.00
24.38	2210.00	609.60	210.00
30.48	2825.00	914.40	105.00
42.67	2980.00	914.40	115.00
30.48	1980.00	1219.20	78.00
42.67	2120.00	1828.80	50.00
60.96	2450.00	2438.40	42.00
91.44	2150.00	3048.00	42.10
		3657.60	48.00

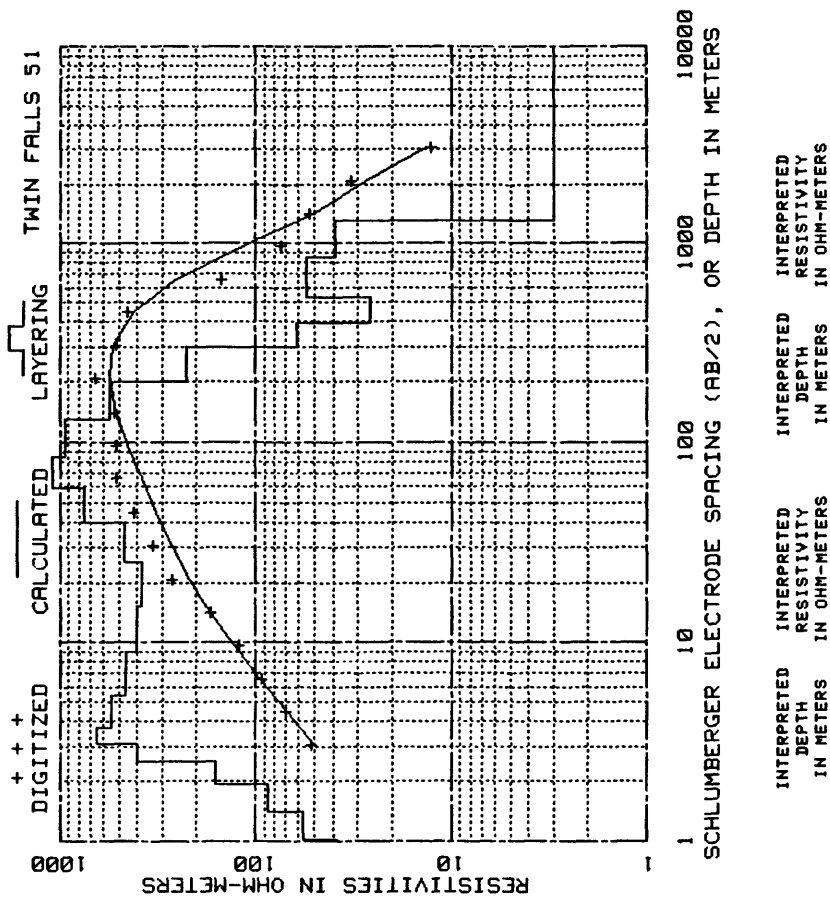


TWIN FALLS 50

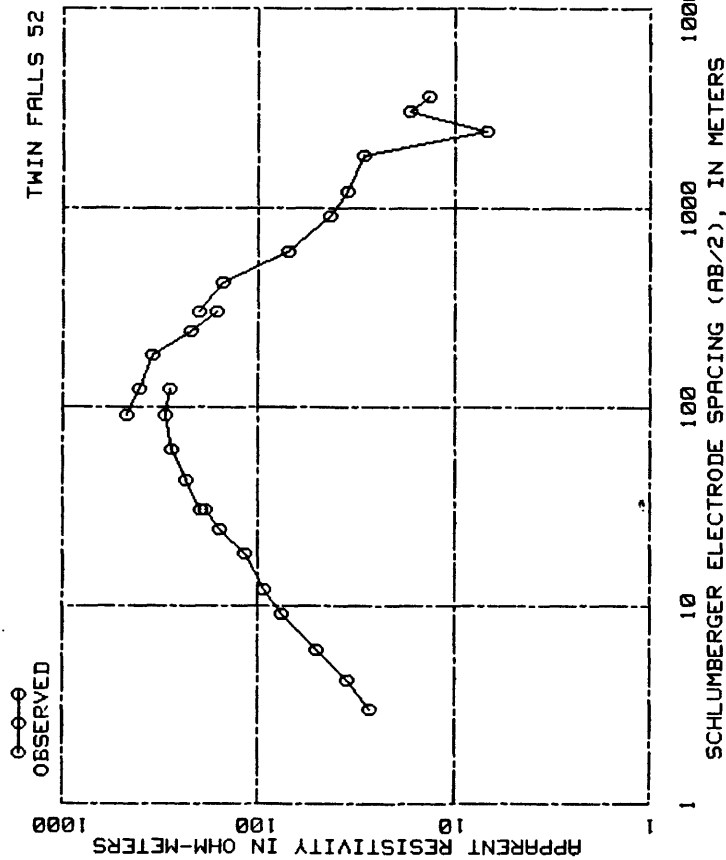
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	626.86	16.88	4346.62
.31	626.89	22.94	6225.90
.45	620.96	35.48	4041.46
.67	627.18	56.35	1798.24
.98	649.14	82.85	690.74
1.44	620.39	121.98	441.91
2.11	538.14	188.74	719.70
3.09	615.47	282.72	442.06
4.44	971.34	392.02	132.88
6.36	1195.56	581.19	126.77
9.21	1387.46	823.82	52.15
12.87	2186.03	1067.73	10.88
		999999.99	63.48



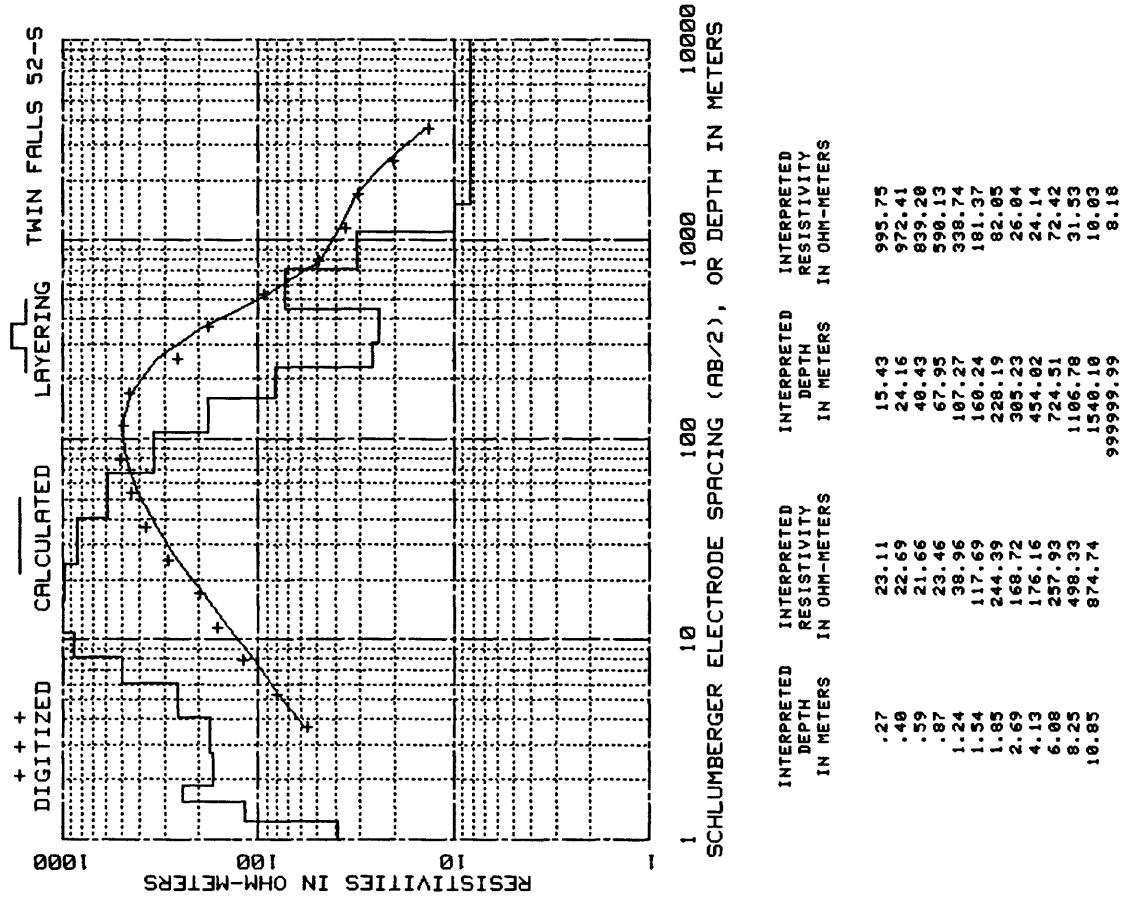
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	50.00	121.92	300.00
4.27	65.00	182.88	430.00
6.10	85.00	243.84	500.00
9.14	111.00	304.80	300.00
9.14	105.00	426.72	356.00
12.19	135.00	609.60	135.00
18.29	205.00	304.80	350.00
24.38	285.00	426.72	512.00
30.48	304.00	609.60	180.00
30.48	274.00	914.40	78.00
42.67	330.00	914.40	80.00
60.96	415.00	1219.20	60.00
91.44	420.00	1828.80	40.00
121.92	425.00	2438.40	22.00
91.44	365.00	3048.00	12.70



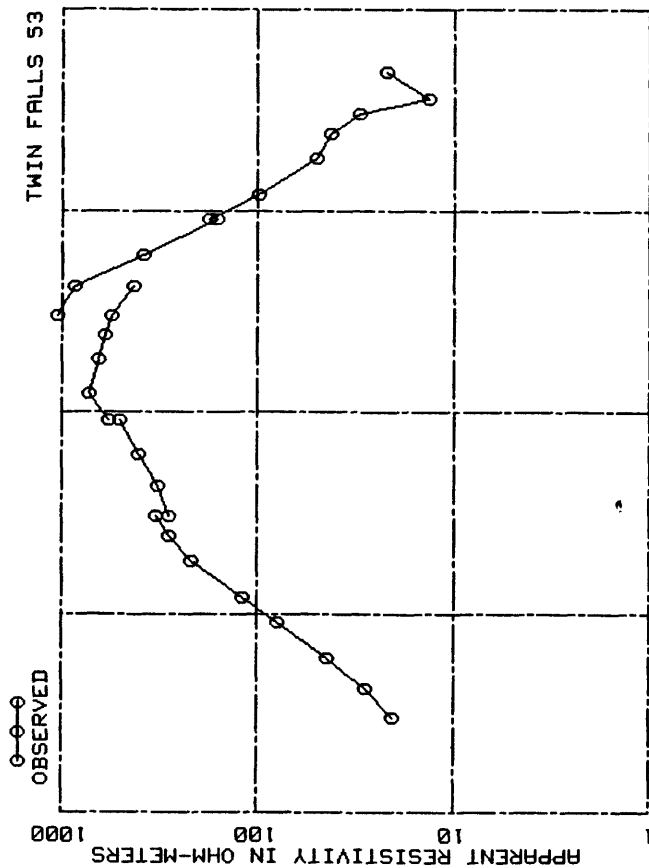
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	19.38	15.37	401.78
.34	18.71	25.51	385.20
.49	19.81	40.12	465.18
.72	25.25	58.85	743.93
1.02	38.39	84.10	1085.89
1.91	57.60	128.91	947.91
1.94	86.14	201.50	559.09
2.54	162.07	294.03	224.01
3.06	400.57	392.87	61.49
3.76	648.43	527.82	25.99
5.42	540.68	852.25	55.20
8.96	456.33	1317.35	39.39
		999999.99	2.99



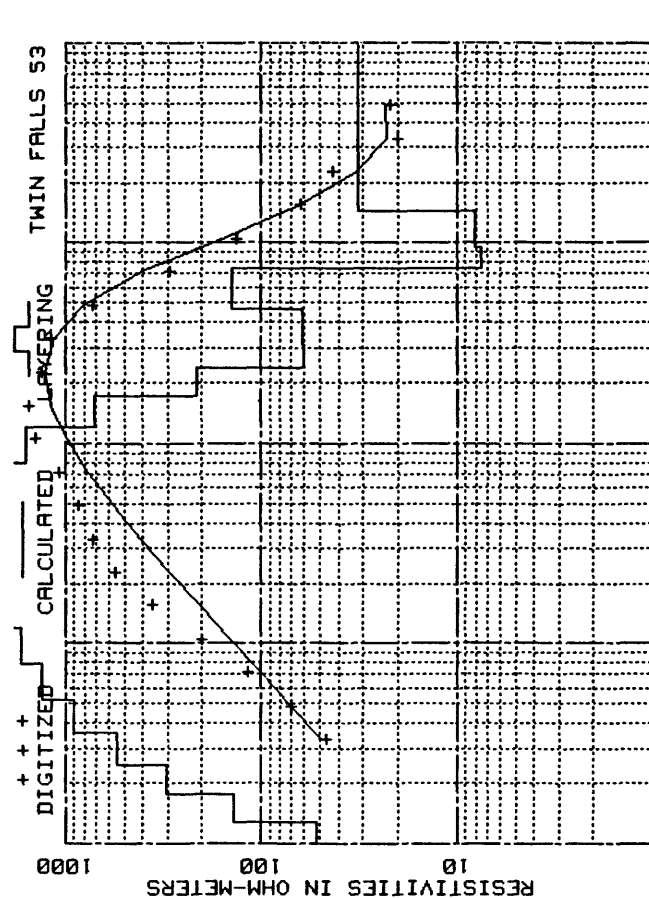
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	27.00	91.44	465.00
4.27	35.30	121.92	400.00
6.10	50.50	182.88	350.00
9.14	76.00	243.84	220.00
9.14	76.00	304.80	165.00
12.19	92.50	304.80	200.00
18.29	117.00	426.72	153.00
24.38	158.00	609.60	70.00
30.48	187.00	914.40	43.00
30.48	198.00	1219.20	35.00
42.67	235.00	1828.80	29.00
60.96	275.00	2438.40	6.80
91.44	300.00	3048.00	15.70
121.92	285.00	3657.60	13.40



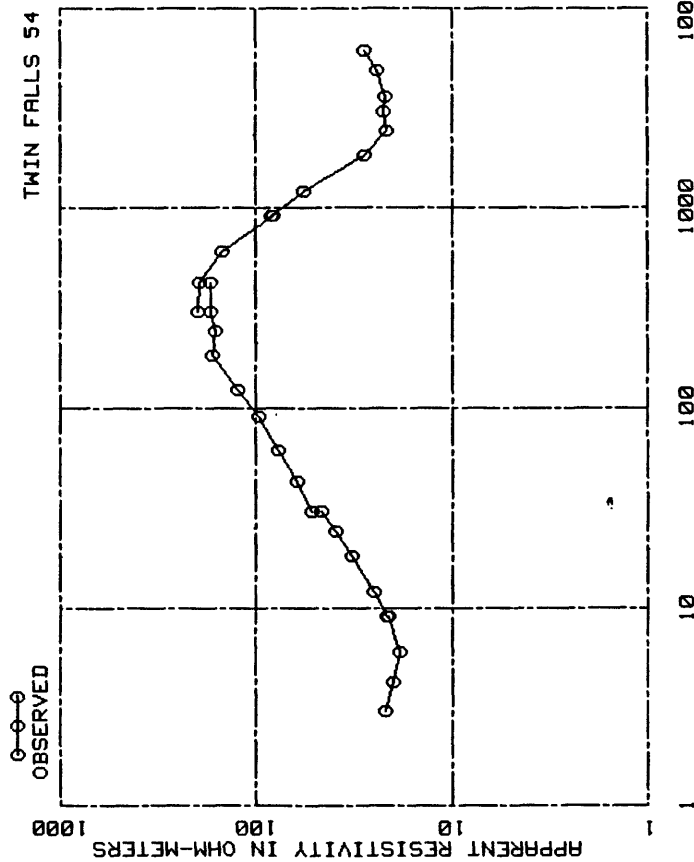
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	23.11	15.43	995.75
.40	22.69	24.16	972.41
.59	21.66	40.43	839.20
.87	23.46	67.95	590.13
1.24	38.96	107.27	338.74
1.54	117.69	160.24	181.37
1.85	244.39	228.19	82.05
2.69	168.72	305.23	26.04
4.13	176.16	454.02	24.14
6.08	257.93	724.51	72.42
8.25	498.33	1106.78	31.53
10.85	874.74	1540.10	10.03
		999999.99	8.18



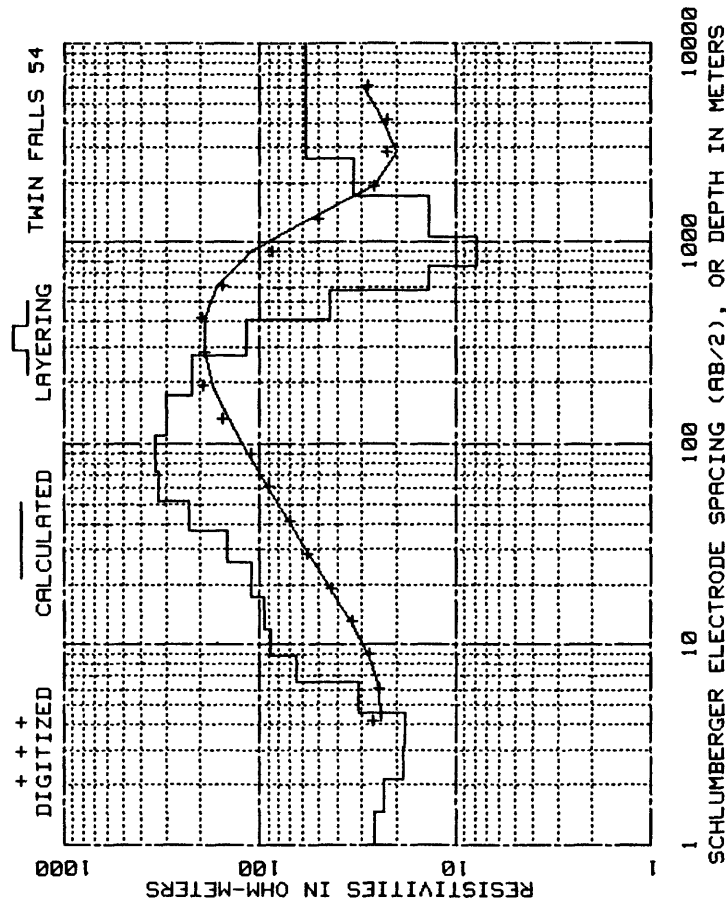
AB/2	OBSERVED	AB/2	OBSERVED
IN	RESISTIVITY	IN	RESISTIVITY
METERS	IN OHM-METERS	METERS	IN OHM-METERS
3.05	20.20	192.88	650.00
4.27	28.00	243.84	600.00
6.10	44.20	304.80	560.00
9.14	78.00	426.72	430.00
9.14	79.00	304.80	1060.00
12.19	120.00	426.72	850.00
16.29	217.00	609.60	380.00
24.38	280.00	914.40	162.00
30.48	328.00	914.40	178.00
30.48	282.00	1219.20	99.00
42.67	325.00	1828.80	50.00
60.96	402.00	2438.40	42.00
91.44	510.00	3048.00	30.00
91.44	575.00	3657.60	13.50
121.92	725.00	4876.80	22.00



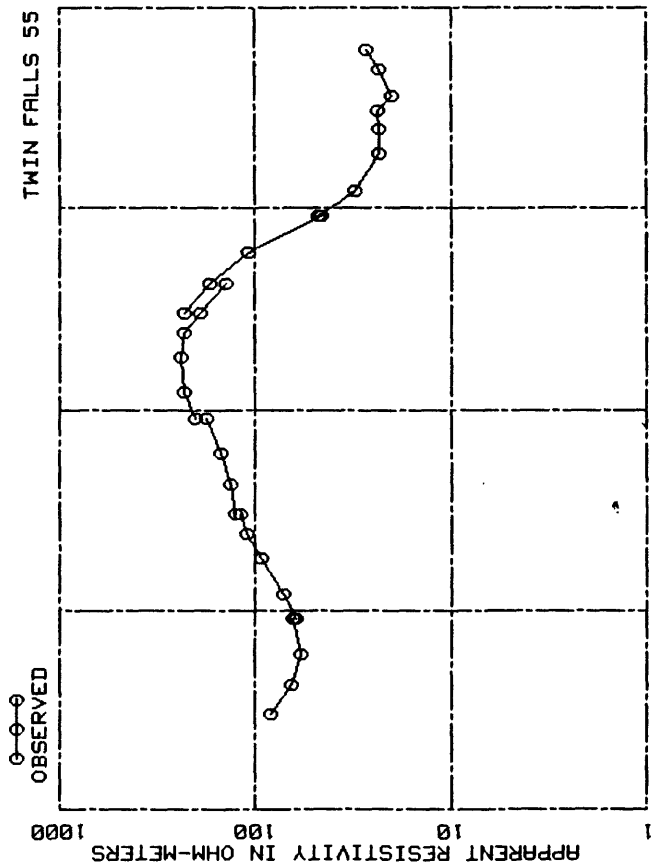
AB/2	OBSERVED	AB/2	OBSERVED
IN	RESISTIVITY	IN	RESISTIVITY
METERS	IN OHM-METERS	METERS	IN OHM-METERS
3.05	20.20	192.88	650.00
4.27	28.00	243.84	600.00
6.10	44.20	304.80	560.00
9.14	78.00	426.72	430.00
9.14	79.00	304.80	1060.00
12.19	120.00	426.72	850.00
16.29	217.00	609.60	380.00
24.38	280.00	914.40	162.00
30.48	328.00	914.40	178.00
30.48	282.00	1219.20	99.00
42.67	325.00	1828.80	50.00
60.96	402.00	2438.40	42.00
91.44	510.00	3048.00	30.00
91.44	575.00	3657.60	13.50
121.92	725.00	4876.80	22.00



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	22.00	182.88	167.00
4.27	20.00	243.84	160.00
6.10	18.50	304.80	170.00
9.14	21.00	426.72	171.00
9.14	21.50	304.80	198.00
12.19	25.00	426.72	193.00
18.29	32.50	609.60	158.00
24.38	39.00	914.40	82.00
30.48	46.50	914.40	84.00
30.48	52.00	1219.20	57.00
42.67	62.00	1828.80	28.00
60.96	77.00	2438.40	21.50
91.44	96.00	3048.00	22.50
91.44	96.00	3657.60	22.00
121.92	124.00	4876.80	24.00
		6096.00	28.20

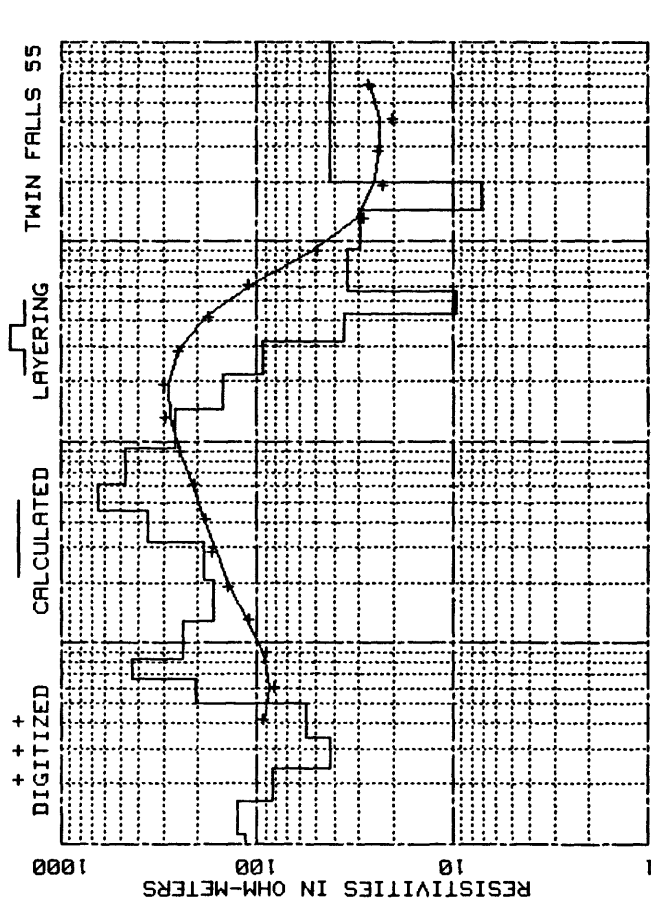


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.31	25.75	37.26	147.18
.46	25.68	52.26	238.79
.67	25.83	73.08	338.25
.98	26.20	109.06	338.75
1.45	26.11	171.23	298.97
2.12	23.37	270.43	221.62
3.10	18.54	409.03	117.56
4.55	18.22	576.18	43.95
6.57	31.46	763.20	13.59
8.82	65.51	1064.46	7.00
12.06	88.39	1709.27	13.66
17.40	95.31	2622.03	32.97
25.55	109.66	999999.99	58.45



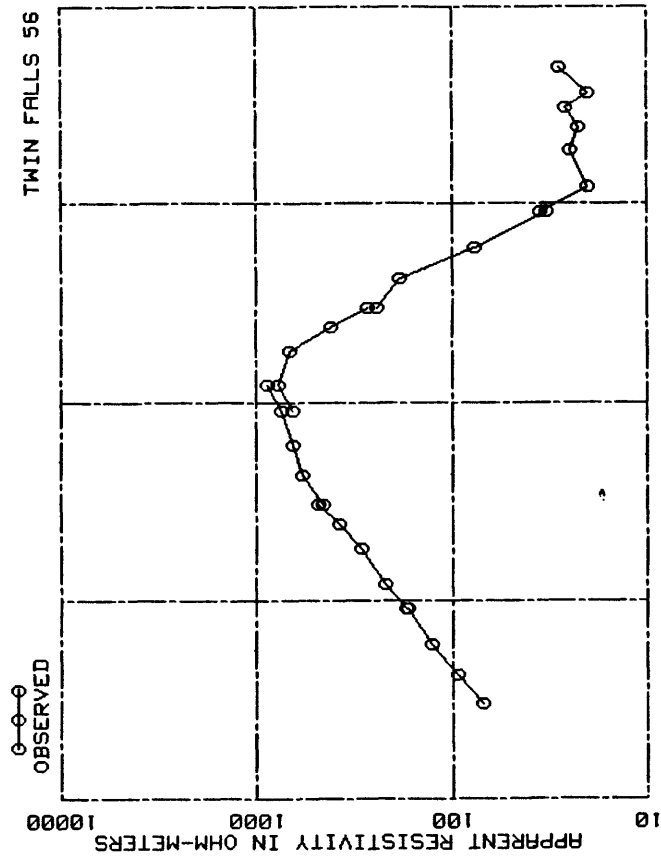
1 SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	83.00	182.88	240.00
4.27	65.00	243.84	230.00
6.10	58.00	304.80	190.00
9.14	64.00	426.72	140.00
12.19	62.00	304.80	230.00
18.29	72.00	426.72	170.00
24.38	94.00	609.60	100.00
30.48	110.00	914.40	46.00
38.48	120.00	1219.20	47.00
42.67	125.00	1828.80	30.00
60.96	133.00	2438.40	23.00
91.44	150.00	3048.00	23.50
121.92	178.00	3657.60	20.00
	200.00	4876.80	23.20
	230.00	6096.00	27.10

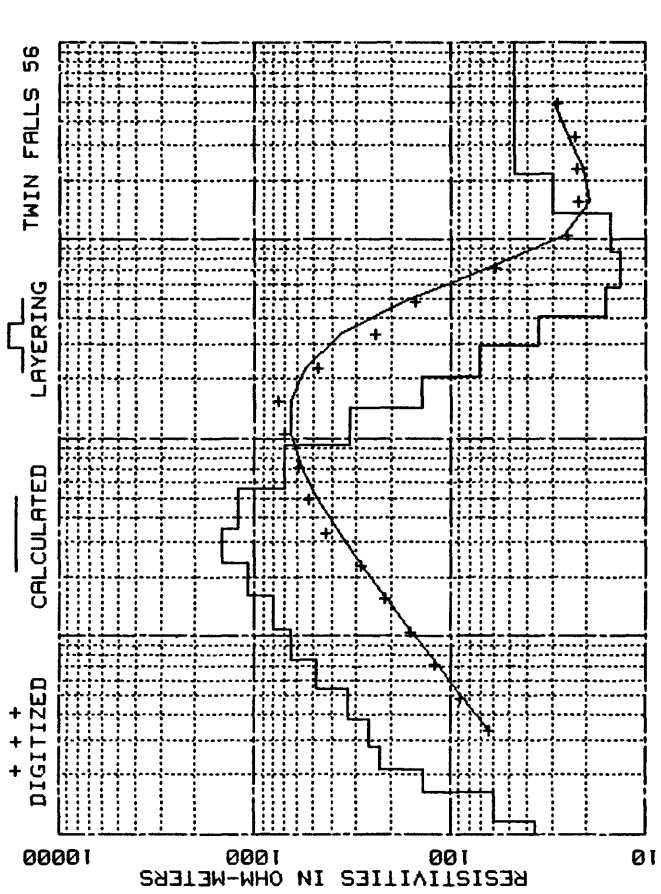


1 SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

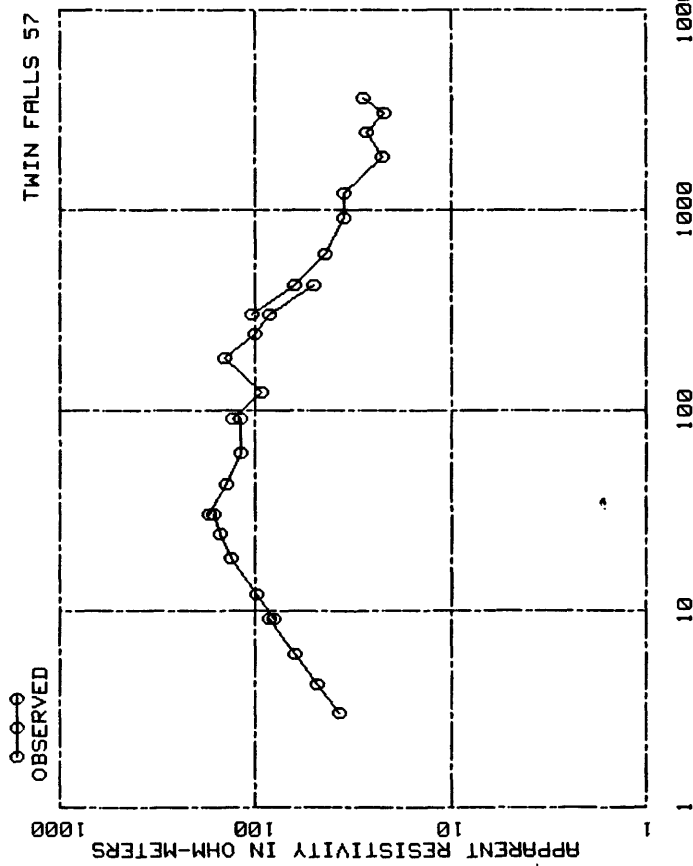
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.24	110.53	31.59	186.99
.35	113.09	45.07	360.55
.52	109.69	61.00	644.54
.76	105.40	93.20	472.25
1.11	113.95	144.91	263.81
1.63	126.56	216.13	147.80
2.38	83.83	316.24	93.73
3.39	42.42	436.55	35.46
5.02	56.32	563.48	9.53
6.65	204.56	916.40	34.55
8.32	435.66	1432.23	29.88
12.88	236.90	1982.73	7.16
20.50	167.66	99999.99	42.26



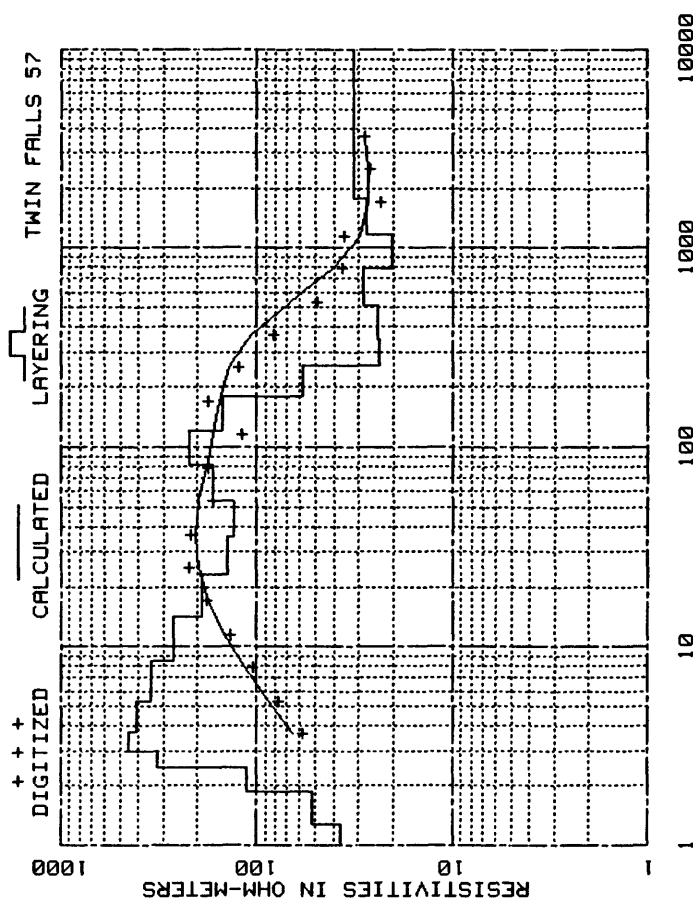
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	70.00	121.92	775.00
4.27	94.00	182.88	600.00
6.10	128.00	243.84	415.00
9.14	170.00	304.80	268.00
12.19	220.00	426.72	242.00
18.29	290.00	605.60	185.00
24.38	375.00	914.40	77.00
30.48	480.00	1219.20	33.00
42.67	585.00	1828.80	35.50
60.96	658.00	2438.40	20.00
91.44	750.00	3048.00	25.00
121.92	875.00	3657.60	22.50
91.44	650.00	4876.80	26.00
			28.00



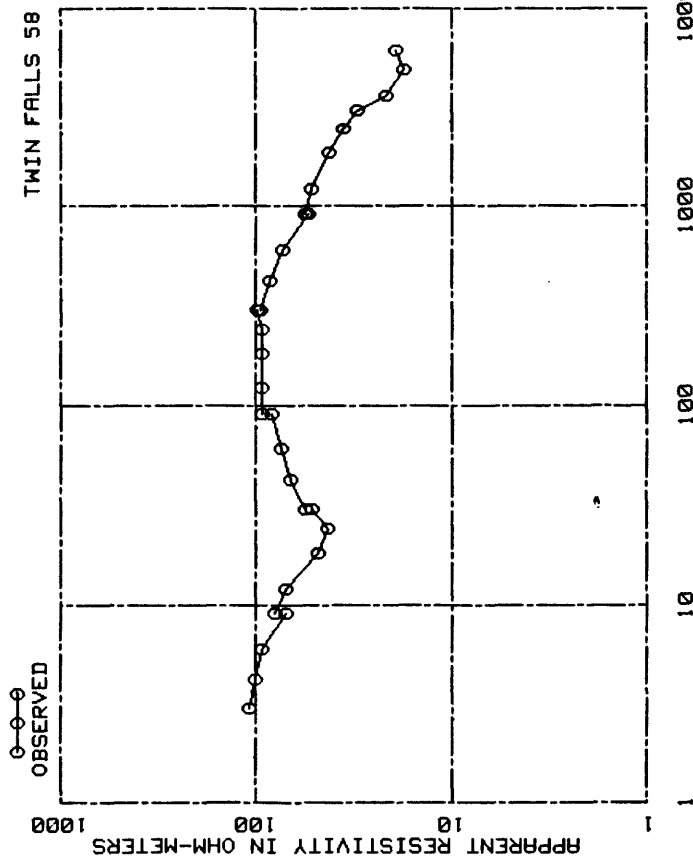
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.25	33.50	23.63	1092.96
.37	33.72	34.72	1455.09
.54	32.92	56.11	1222.14
.79	31.96	92.95	789.55
1.16	36.46	142.34	322.54
1.64	60.48	204.52	139.10
2.13	137.06	290.40	70.65
2.75	229.15	410.67	35.28
3.80	261.01	574.72	15.93
5.41	331.42	869.46	13.60
7.65	482.31	1375.01	15.23
10.92	656.03	2156.60	29.90
16.11	801.56	999999.99	47.21



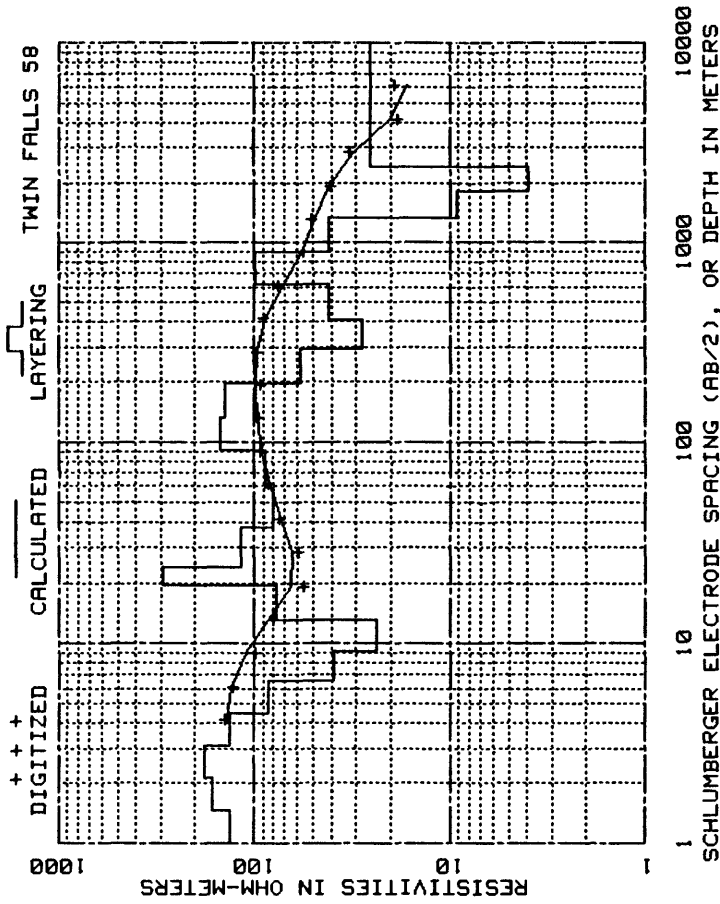
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	37.00	121.92	93.00
4.27	48.00	182.88	144.00
6.10	63.00	243.84	100.00
9.14	85.00	304.80	85.00
9.14	80.00	426.72	50.00
12.19	98.00	304.80	105.00
18.29	132.00	426.72	63.00
24.38	152.00	609.60	44.00
30.48	165.00	914.40	35.00
30.48	174.00	1219.20	35.00
42.67	140.00	1828.80	22.50
60.96	120.00	2438.40	22.00
91.44	120.00	3048.00	22.00
91.44	130.00	3657.60	20.00



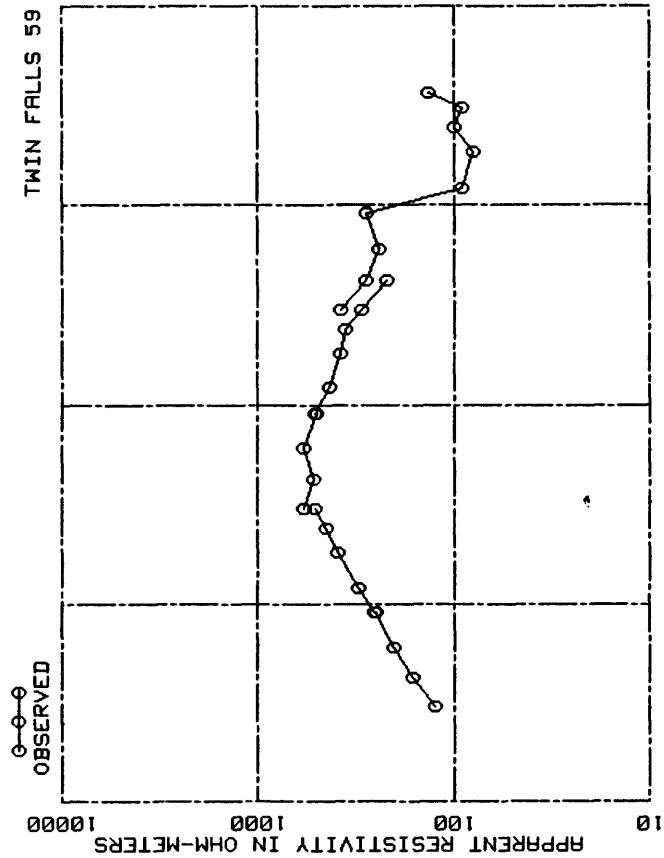
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	37.96	22.95	189.61
.40	37.89	35.54	140.64
.59	37.02	54.11	130.30
.87	35.55	81.75	166.35
1.27	37.09	121.04	221.76
1.84	52.31	180.26	150.24
2.47	112.77	255.36	50.06
2.97	323.93	348.63	23.71
3.72	451.38	514.72	24.08
5.31	410.15	783.77	28.68
8.51	347.40	1167.47	20.30
14.23	268.62	1761.56	27.23
		999999.99	32.18



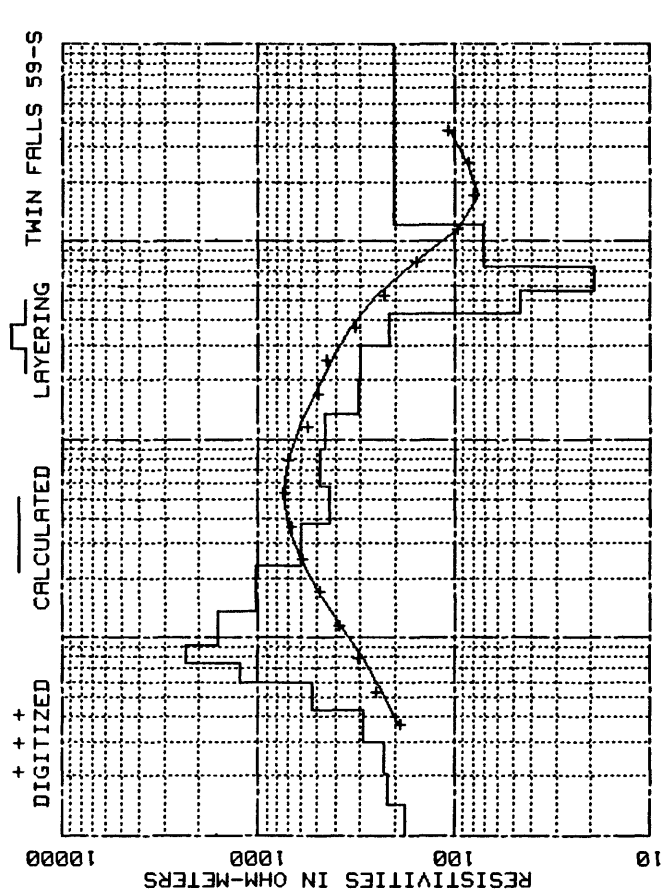
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	108.00	182.88	94.00
4.27	100.00	243.84	93.00
6.10	93.00	304.80	90.00
9.14	70.00	304.80	95.00
9.14	80.00	426.72	85.00
12.19	78.00	609.60	73.00
18.29	48.00	914.40	54.00
24.38	43.00	1219.20	56.00
30.48	52.00	1828.80	52.00
30.48	56.00	2438.40	42.00
42.67	66.00	3048.00	36.00
60.96	75.00	3657.60	30.00
91.44	83.20	4876.80	21.70
91.44	93.60	6096.00	17.40
121.92	94.00		15.10



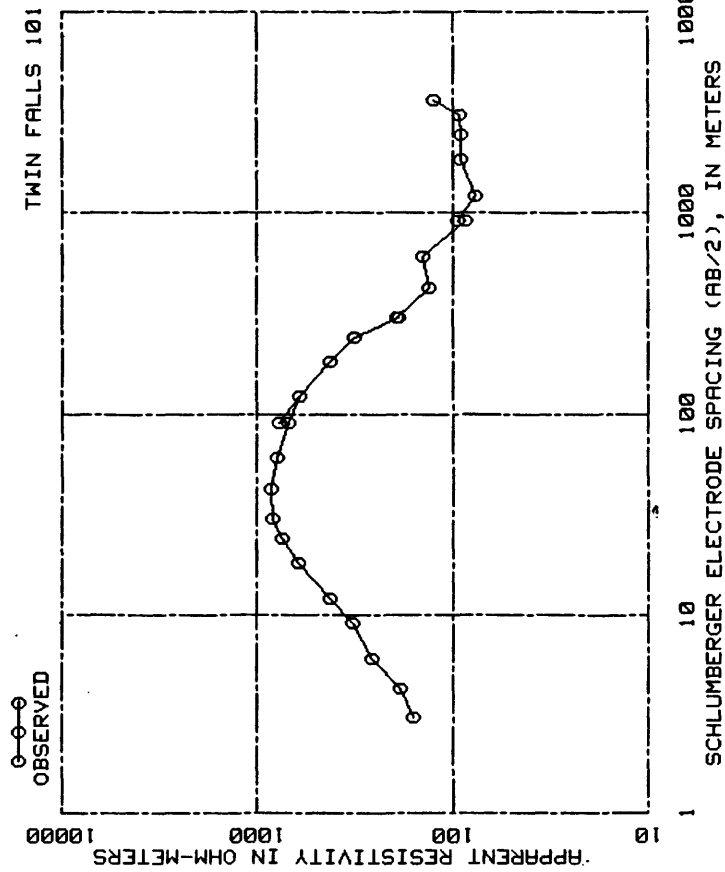
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.31	127.38	37.84	117.08
.46	127.99	59.17	80.17
.67	126.75	90.56	87.60
.98	124.57	132.48	149.38
1.45	131.98	197.78	141.08
2.11	164.11	251.11	58.17
3.08	181.47	412.97	28.02
4.53	134.09	623.57	41.84
6.58	84.41	897.03	99.11
9.25	39.48	1346.95	41.65
13.04	23.61	1808.91	9.31
19.42	76.79	2412.58	3.95
23.91	292.26	999999.99	25.48



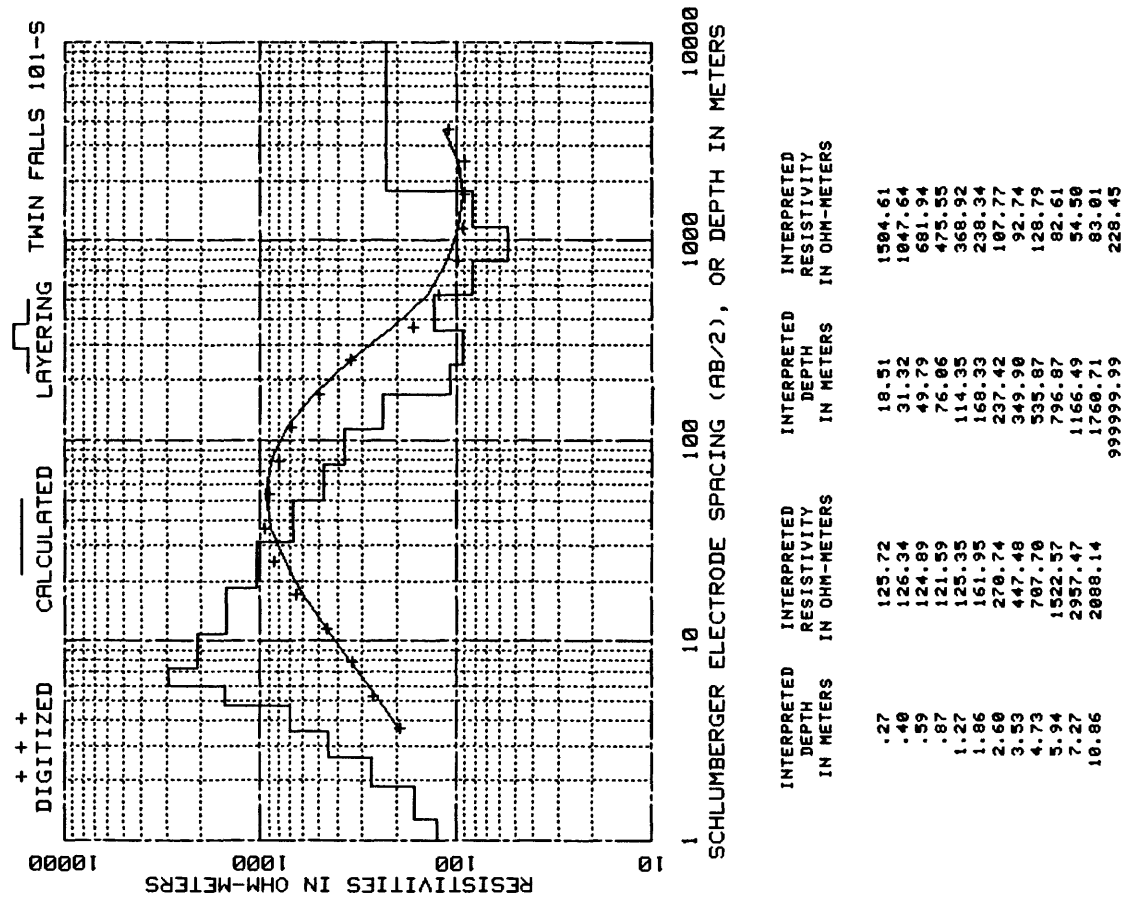
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.85	125.00	121.92	438.00
4.27	162.00	182.88	388.00
6.10	204.00	243.84	368.00
9.14	258.00	384.80	295.00
9.14	255.00	426.72	228.00
12.19	318.00	384.80	388.00
18.29	398.00	426.72	288.00
24.38	458.00	609.60	248.00
30.48	512.00	914.40	288.00
38.48	588.00	1219.20	98.00
42.67	522.00	1828.80	88.00
68.96	582.00	2438.40	108.00
91.44	508.00	3848.00	98.00
	510.00	3657.60	134.60

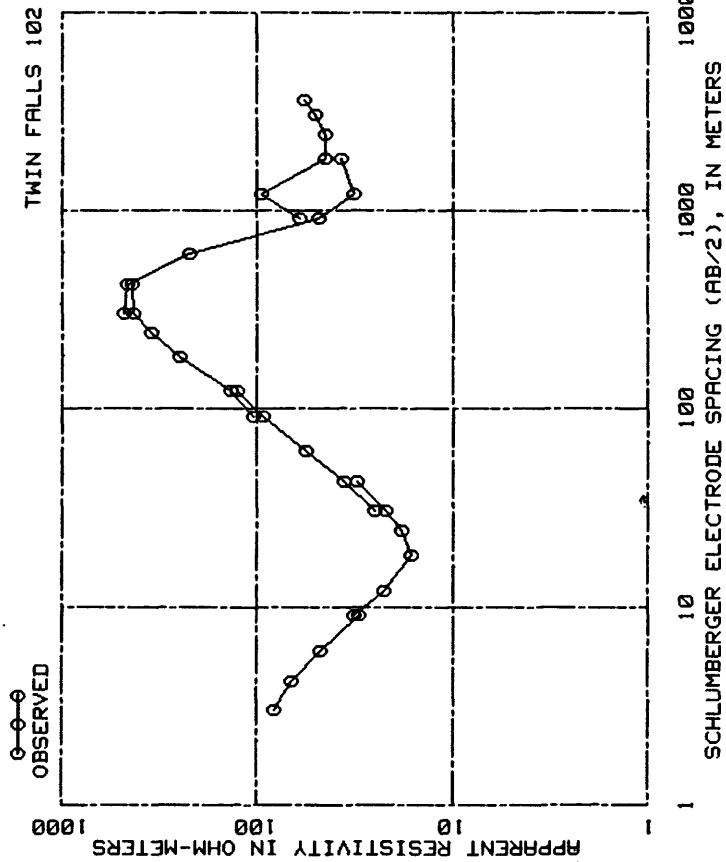


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	127.49	13.71	1628.35
.31	129.53	23.13	1838.71
.45	126.22	37.47	684.89
.67	121.31	57.95	432.13
.98	132.22	88.93	488.83
1.42	176.85	134.48	456.44
2.05	218.22	199.09	386.18
3.08	226.74	295.96	308.94
4.34	292.15	434.19	214.18
5.94	526.81	567.74	45.72
7.46	1243.56	751.15	19.31
9.19	2327.75	1289.33	78.85
		999999.99	281.45

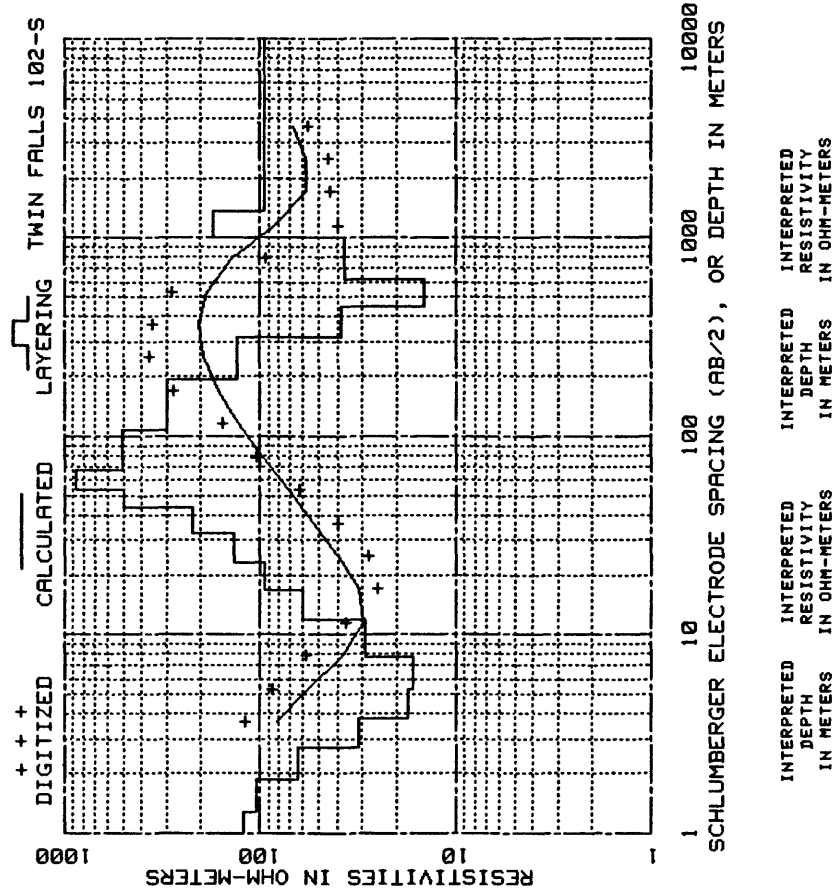


AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.85	160.00	91.44	770.00
4.27	185.00	121.92	600.00
6.10	261.00	182.88	420.00
9.14	325.00	243.84	320.00
12.19	327.00	304.80	190.00
18.29	425.00	384.80	192.00
24.38	620.00	426.72	132.00
38.48	740.00	609.60	143.00
38.48	825.00	914.40	85.00
42.67	830.00	914.40	94.00
60.96	850.00	1219.20	77.00
91.44	780.00	1828.80	90.00
121.92	690.00	2438.40	91.00
	600.00	3048.00	92.00
		3657.60	125.00

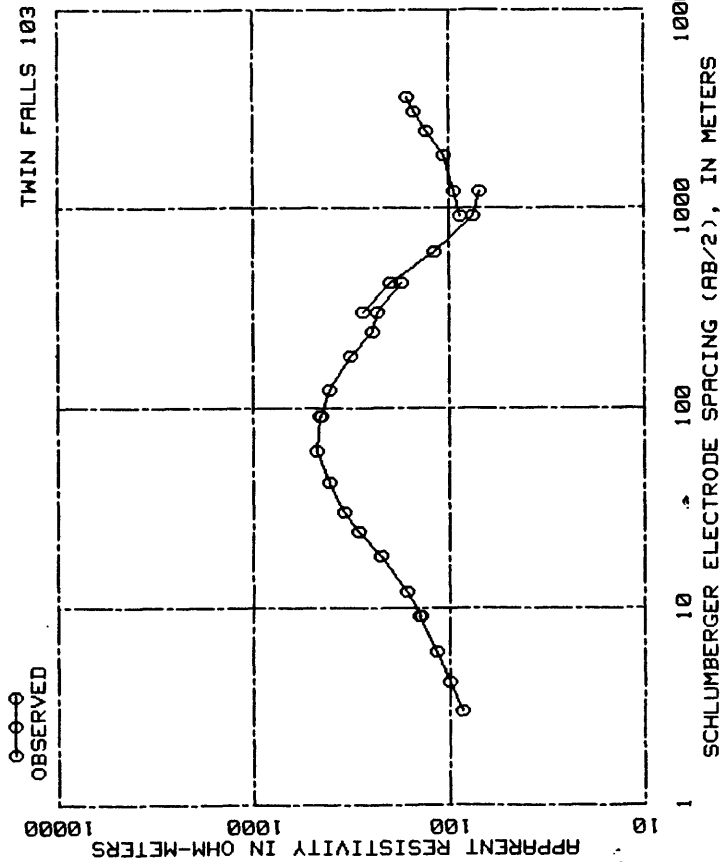




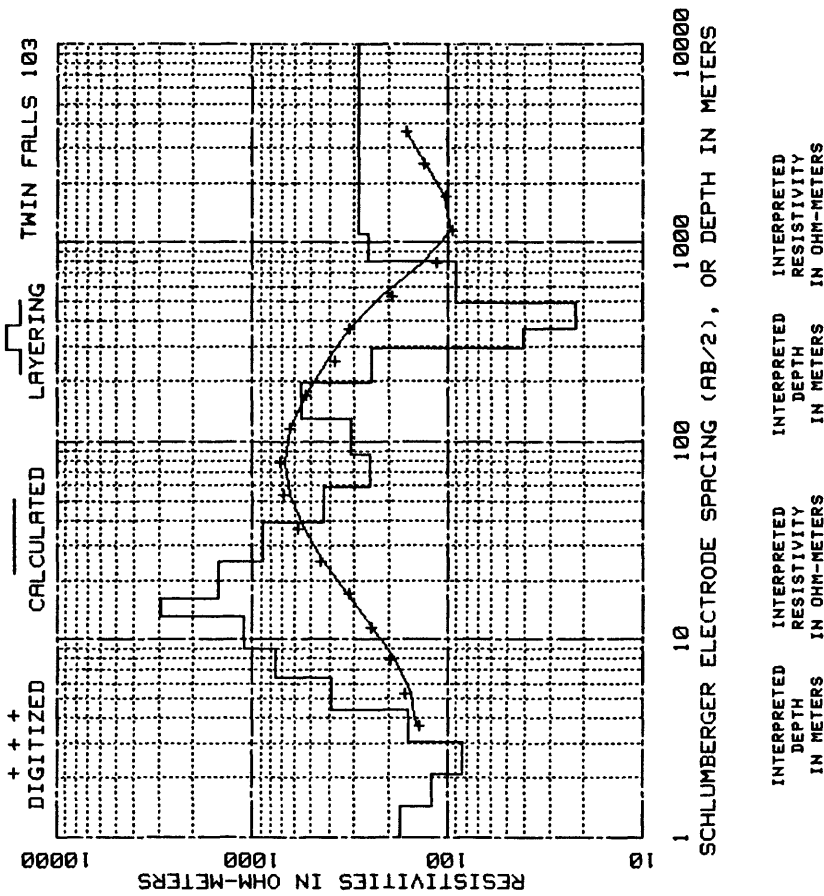
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	81.00	121.92	135.00
4.27	66.00	182.88	250.00
6.10	47.00	243.84	346.00
9.14	30.00	304.80	430.00
9.14	32.00	426.72	435.00
12.19	22.20	384.00	460.00
18.29	16.10	426.72	460.00
24.38	18.00	609.60	220.00
30.48	22.00	914.40	48.00
42.67	31.00	1219.20	32.00
30.48	25.20	1828.80	37.00
42.67	36.00	914.40	60.00
60.96	56.00	1219.20	95.00
91.44	94.00	1828.80	45.00
121.92	125.00	2438.40	45.00
91.44	105.00	3048.00	50.00
		3657.60	57.00



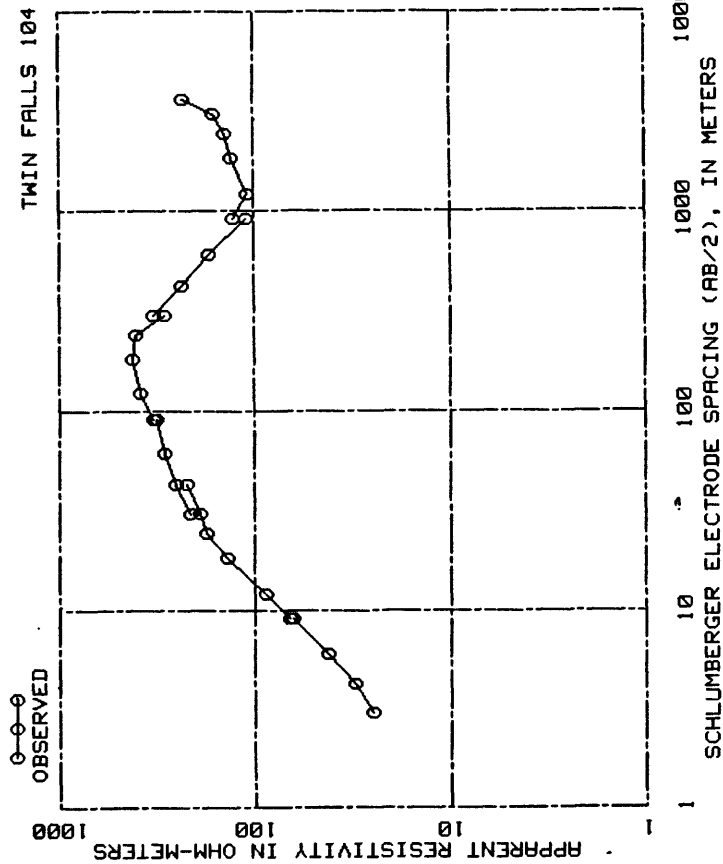
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	119.26	23.26	94.47
.40	118.71	32.11	135.34
.59	118.95	43.37	219.23
.87	120.98	54.22	496.45
1.27	121.77	67.30	877.19
1.87	104.08	107.77	510.09
2.70	63.76	192.92	300.19
3.79	31.84	314.00	129.59
5.32	17.59	447.58	38.39
7.83	16.66	615.87	14.61
11.88	29.27	1016.10	37.11
16.84	60.78	1354.64	174.53
		999999.99	95.01



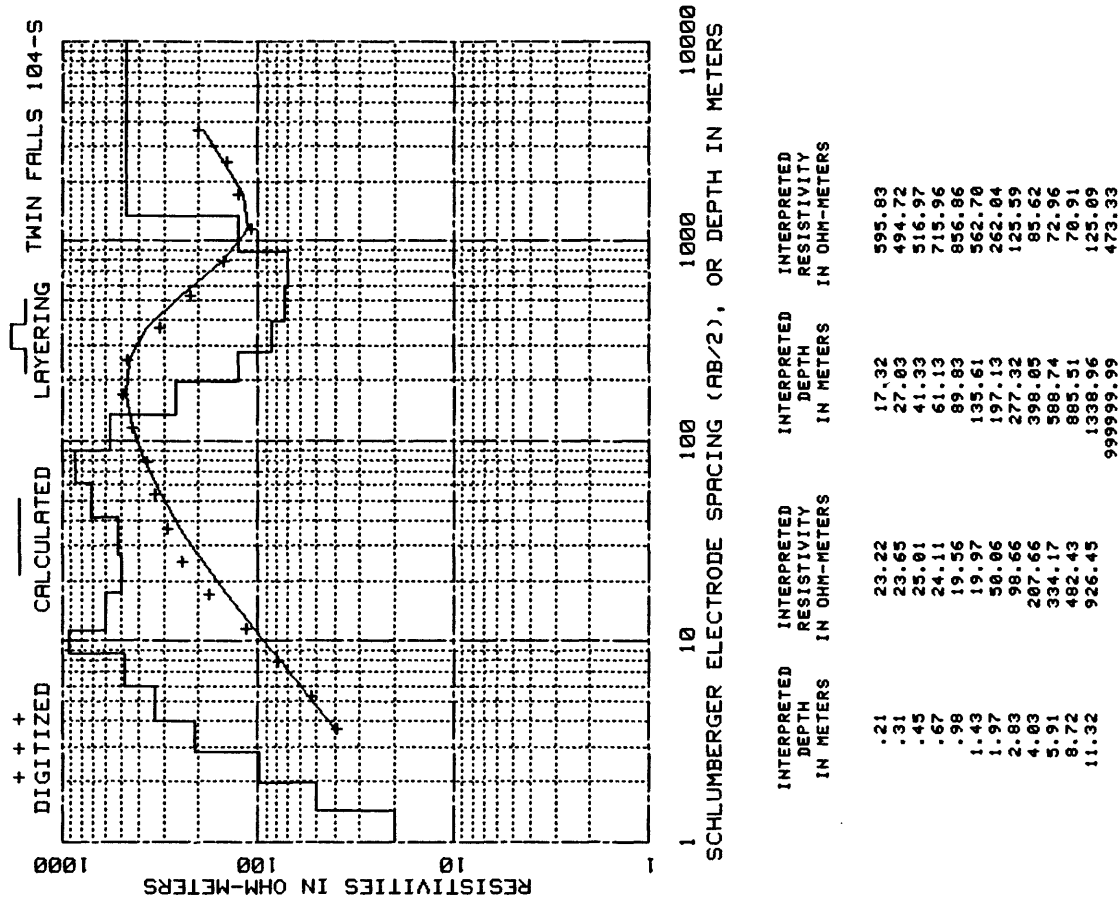
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	85.00	182.00	320.00
4.27	100.00	243.84	246.00
6.10	115.00	304.80	233.00
9.14	141.00	426.72	174.00
9.14	140.00	304.80	276.00
12.19	165.00	426.72	201.00
18.29	224.00	609.60	117.00
24.38	288.00	914.40	75.00
30.48	346.00	1219.20	70.00
30.48	346.00	914.40	88.00
42.67	485.00	1219.20	94.00
60.96	475.00	1828.80	105.00
91.44	458.00	2438.40	130.00
91.44	445.00	3048.00	150.00
121.92	408.00	3657.60	163.00



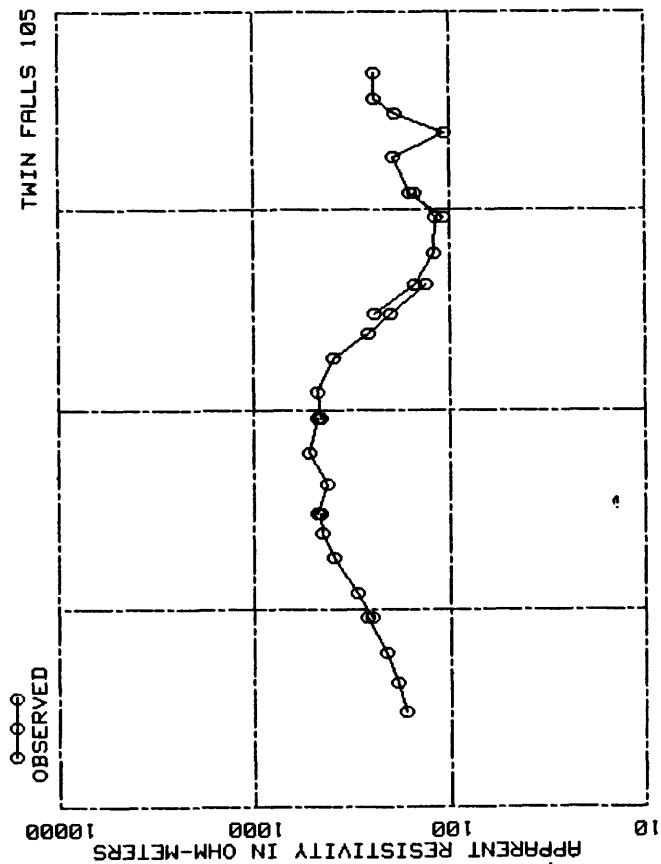
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	143.06	16.09	2954.33
.31	139.91	24.69	1488.09
.45	136.38	39.16	873.50
.67	140.71	58.84	431.49
.98	163.00	85.85	247.70
1.43	173.62	130.55	314.63
2.10	119.62	195.70	564.18
3.05	83.95	289.31	246.11
4.45	159.07	369.22	48.90
6.40	395.10	498.45	22.11
9.10	761.79	808.16	89.90
13.20	1108.57	1106.60	256.76
		999999.99	285.44



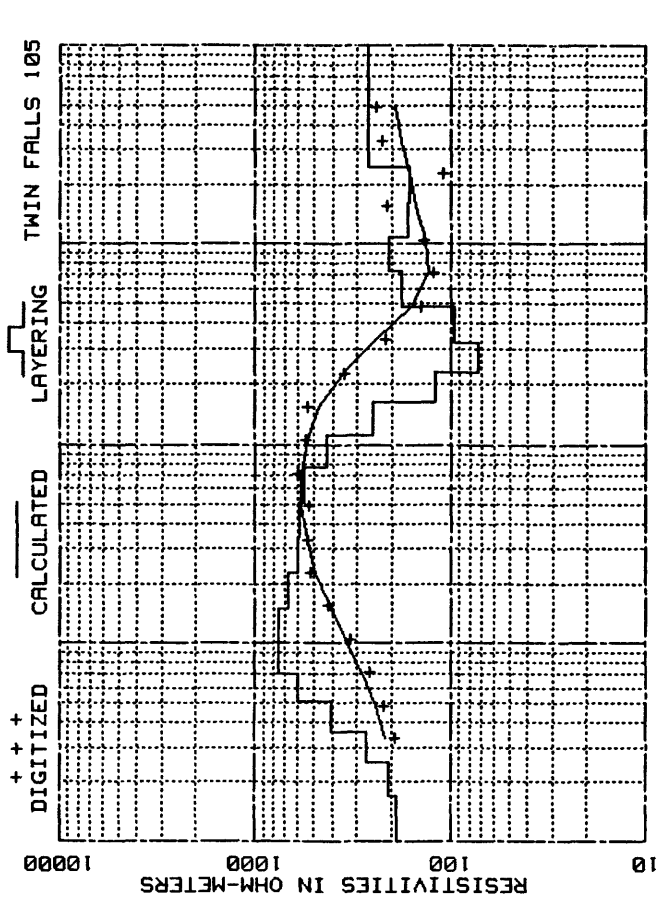
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	25.00	91.44	330.00
4.27	31.00	121.92	385.00
6.10	42.00	182.88	420.00
9.14	64.50	243.84	400.00
12.19	66.00	304.80	280.00
18.29	80.00	304.80	330.00
24.38	130.00	426.72	235.00
30.48	175.00	609.60	170.00
42.67	192.00	914.40	110.00
58.96	220.00	914.40	120.00
91.44	215.00	1219.20	100.00
	252.00	1628.00	130.00
	287.00	2438.40	142.00
	310.00	3048.00	160.00
		3657.60	230.00



INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	23.22	17.32	595.83
.31	23.65	27.03	494.72
.45	25.01	41.33	516.97
.67	24.11	61.13	715.96
.98	19.56	89.83	856.86
1.43	19.97	135.61	562.70
1.97	50.06	197.13	262.04
2.03	98.66	277.32	125.59
4.03	207.66	398.05	85.62
5.91	334.17	588.74	72.96
8.72	482.43	885.51	70.91
11.32	926.43	1338.96	125.09
		9999.99	473.33

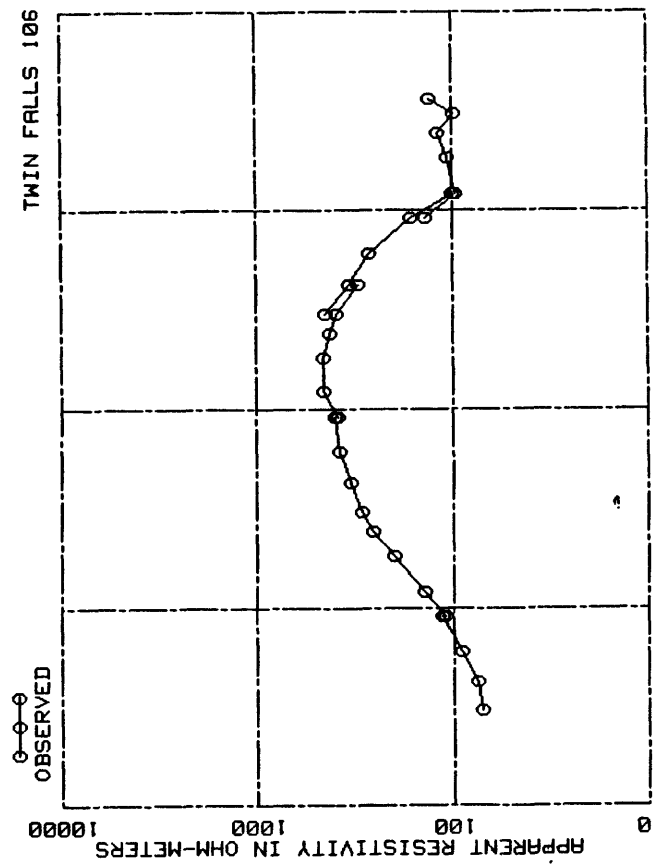


AB/2	OBSERVED	AB/2	OBSERVED
IN	RESISTIVITY	IN	RESISTIVITY
METERS	IN OHM-METERS	METERS	IN OHM-METERS
3.05	167.00	182.88	390.00
4.27	186.00	243.84	260.00
6.10	210.00	304.80	200.00
9.14	267.00	426.72	133.00
9.14	250.00	304.80	240.00
12.19	297.00	426.72	150.00
18.29	390.00	609.60	120.00
24.38	445.00	914.40	118.00
30.48	460.00	1219.20	150.00
30.48	470.00	914.40	100.00
42.67	423.00	1219.20	160.00
60.96	520.00	1828.80	191.00
91.44	470.00	2438.40	105.00
91.44	460.00	3048.00	190.00
121.92	470.00	3657.60	242.00
		4876.80	242.00



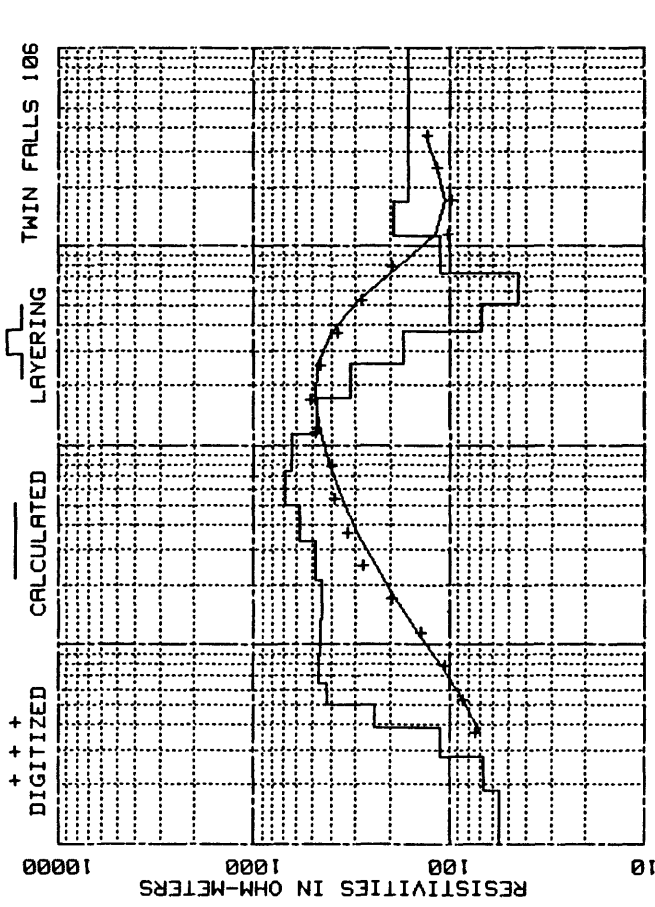
INTERPRETED	INTERPRETED	INTERPRETED	INTERPRETED
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
IN METERS	IN OHM-METERS	IN METERS	IN OHM-METERS
.25	193.61	34.17	606.98
.37	194.17	51.26	590.30
.54	194.27	76.38	560.58
.79	192.98	112.84	430.24
1.16	190.31	163.25	250.95
1.70	189.76	228.79	119.73
2.49	207.14	323.42	72.75
3.62	269.57	488.14	95.31
5.12	405.35	732.55	178.06
7.10	605.15	1086.03	208.45
10.05	753.16	1627.08	165.58
14.85	753.63	2421.23	161.54
22.55	674.33	999999.99	265.97

SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS



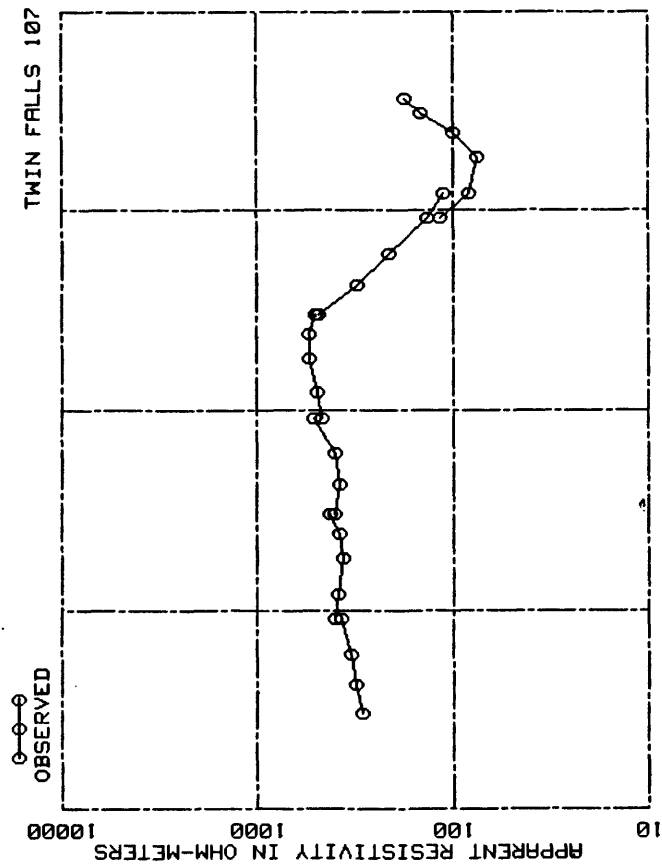
TWIN FALLS 106
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	71.00	182.88	460.00
4.27	75.00	243.84	425.00
6.10	90.00	304.80	389.00
9.14	113.00	426.72	300.00
9.14	110.00	304.80	445.00
12.19	140.00	426.72	340.00
18.29	200.00	609.60	265.00
24.38	250.00	914.40	161.00
30.48	290.00	1219.20	100.00
38.48	290.00	914.40	138.00
42.67	334.00	1219.20	96.00
68.95	375.00	1828.80	105.00
91.44	398.00	2438.40	118.00
91.44	385.00	3048.00	97.00
121.92	455.00	3657.60	130.00

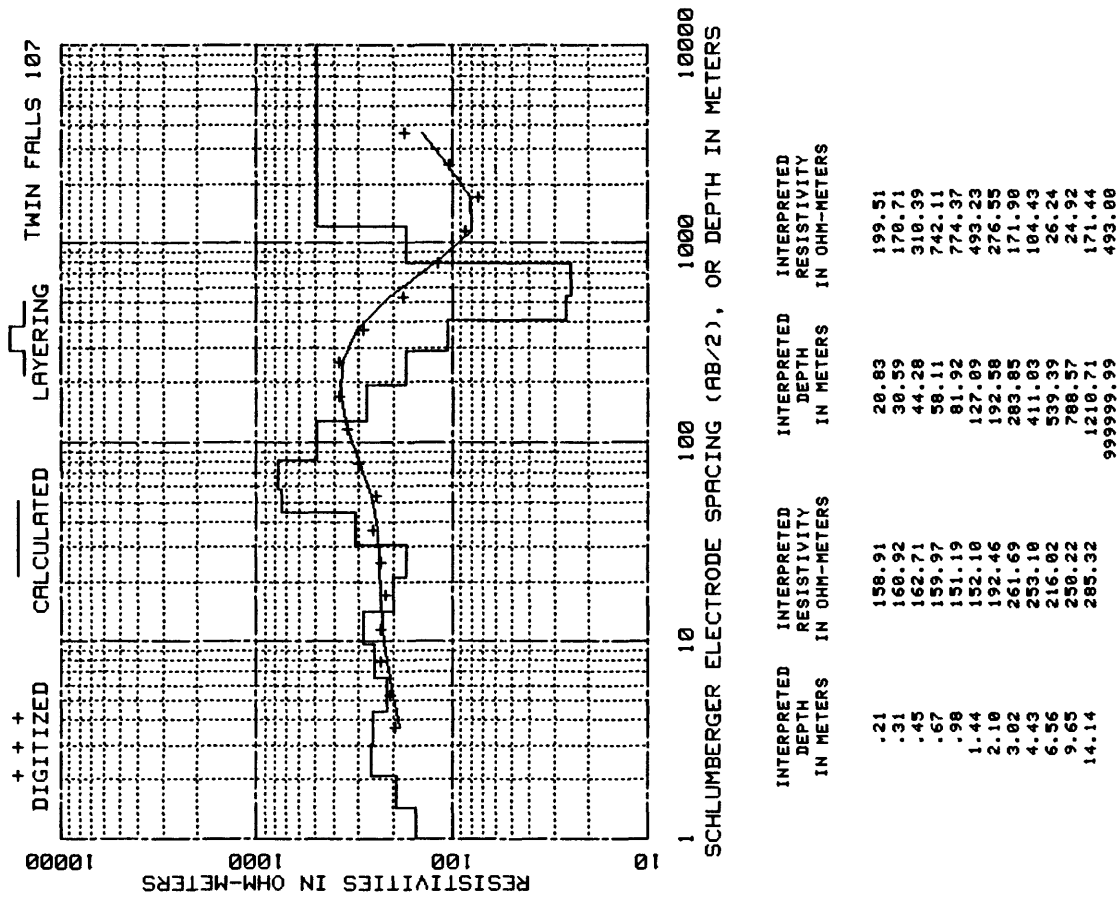


TWIN FALLS 106
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

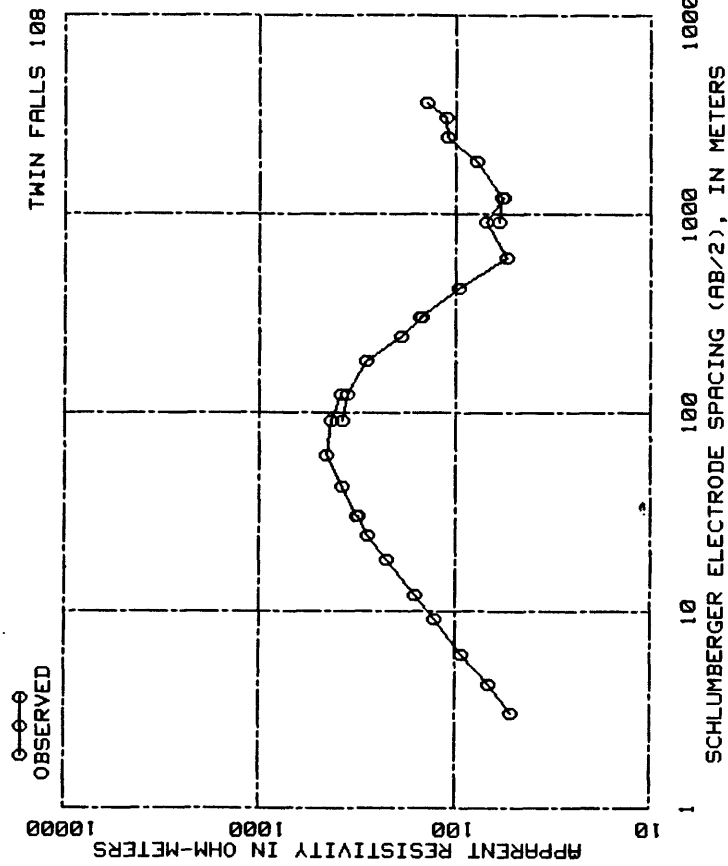
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	57.44	21.03	449.19
.40	57.74	32.73	478.61
.59	57.76	49.69	581.36
.87	57.02	74.55	689.65
1.27	55.25	113.82	635.27
1.87	55.20	173.31	473.83
2.73	66.57	258.24	316.53
3.86	111.50	373.16	172.28
5.03	242.01	513.77	68.42
6.44	421.36	729.09	44.00
8.93	463.47	1134.28	112.30
13.44	456.38	1666.46	191.36
		999999.99	163.26



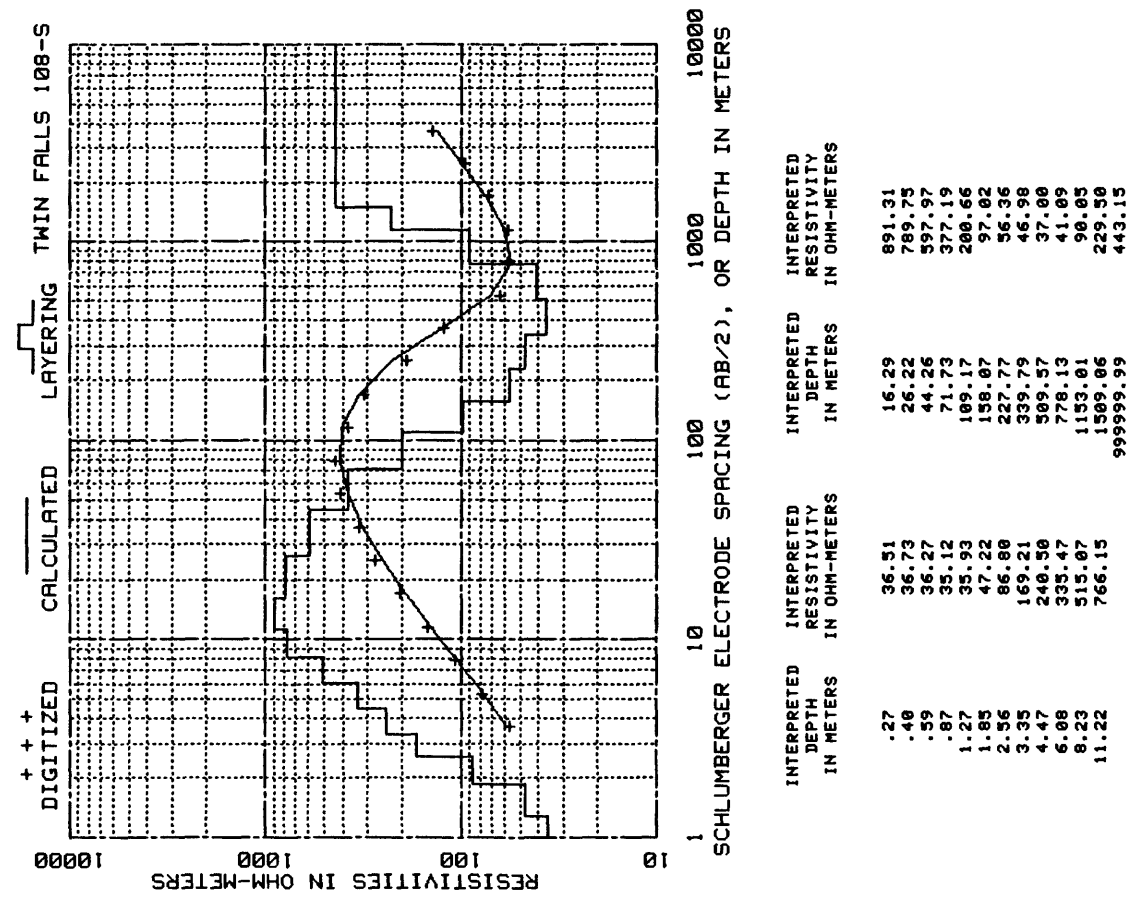
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	288.00	121.92	490.00
4.27	315.00	182.08	540.00
6.10	330.00	243.84	540.00
9.14	378.00	304.80	595.00
9.14	397.00	304.80	480.00
12.19	382.00	426.72	385.00
18.29	365.00	609.60	212.00
24.38	380.00	914.40	135.00
30.48	425.00	1219.20	112.00
30.48	400.00	914.40	115.00
42.67	380.00	1219.20	93.00
60.96	400.00	1828.80	75.00
91.44	510.00	2438.40	100.00
	462.00	3048.00	145.00
		3657.60	174.00



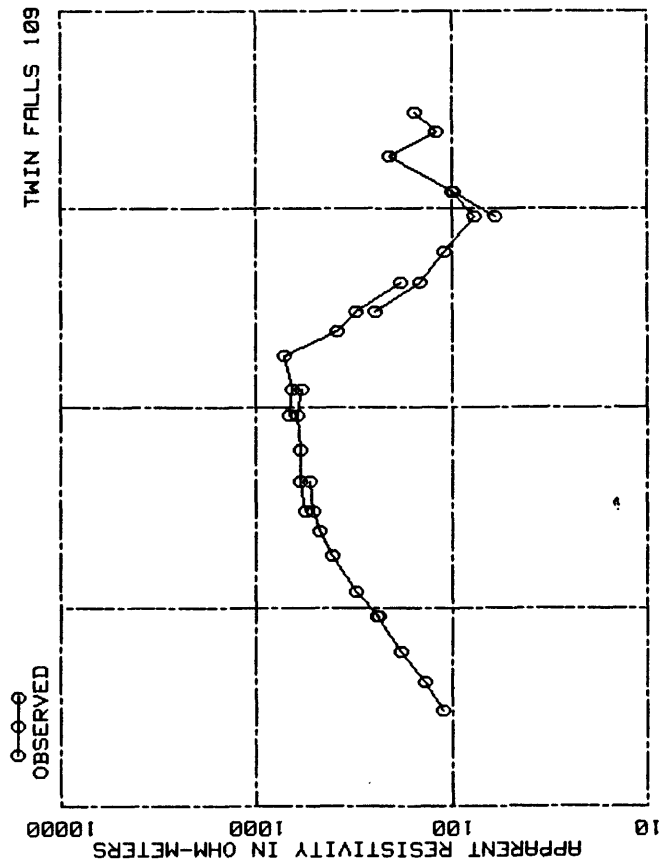
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.21	158.91	20.83	199.51
.51	160.92	30.59	170.71
.45	162.71	44.28	310.39
.67	159.97	58.11	742.11
.98	151.19	81.92	774.37
1.44	152.10	127.09	493.23
2.10	192.46	192.58	276.55
3.02	261.69	283.85	171.90
4.43	253.10	411.03	104.43
6.56	216.02	539.39	26.24
9.65	250.22	788.57	24.92
14.14	285.32	1210.71	171.44
		999999.99	493.00



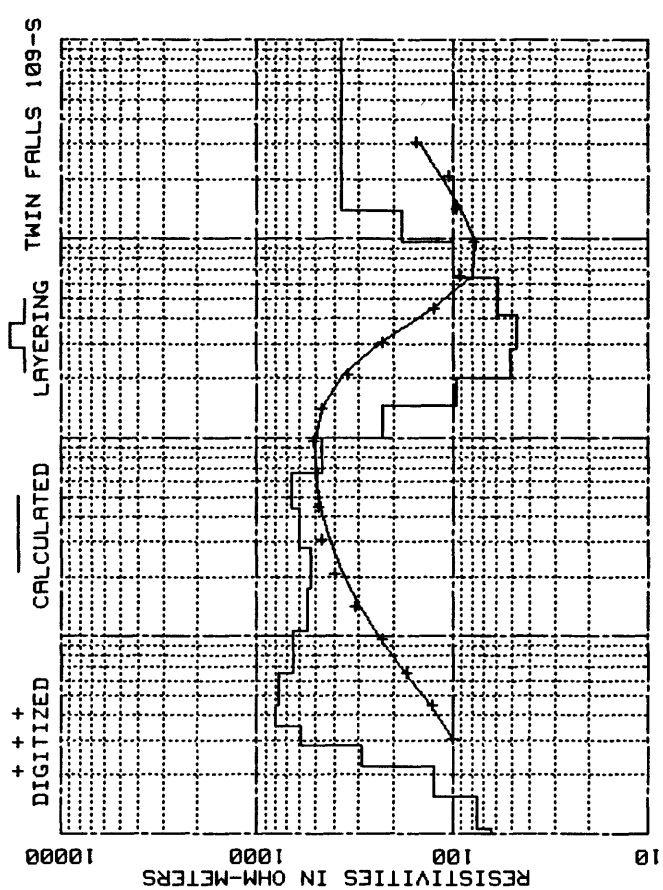
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	52.00	121.92	360.00
4.27	67.00	182.88	285.00
6.10	92.00	243.84	190.00
9.14	120.00	304.80	148.00
12.19	126.00	364.80	150.00
18.29	160.00	426.72	95.00
24.38	222.00	609.60	55.00
30.48	278.00	914.40	70.00
36.48	315.00	1219.20	57.00
42.57	380.00	1828.80	60.00
60.96	450.00	2438.40	70.00
91.44	435.00	3048.00	110.00
121.92	385.00	3657.60	140.00
91.44	380.00		



INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	36.51	16.29	891.31
.40	36.73	26.22	789.75
.59	36.27	44.26	597.97
.87	35.12	71.73	377.19
1.27	35.93	109.17	200.66
1.85	47.22	158.07	97.02
2.56	86.80	227.77	56.36
3.35	169.21	339.79	46.98
4.47	240.50	509.57	37.00
6.08	335.47	778.13	41.09
8.23	515.07	1153.01	90.05
11.22	766.15	1509.06	229.50
		999999.99	443.15



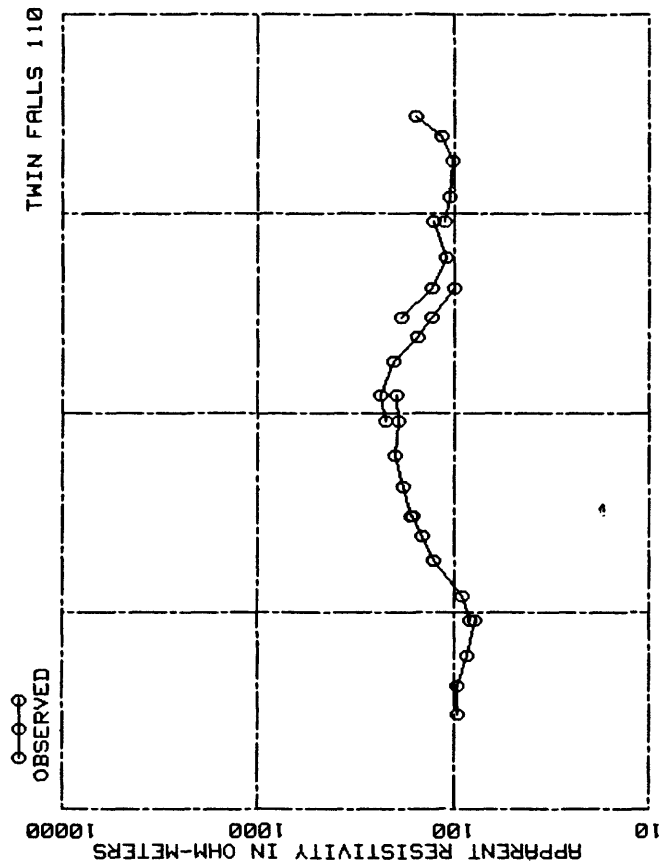
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	112.00	91.44	680.00
4.27	137.00	121.92	655.00
6.10	181.00	182.88	710.00
9.14	242.00	243.84	382.00
9.14	238.00	304.80	310.00
12.19	305.00	426.72	180.00
18.29	468.00	304.80	245.00
24.38	472.00	426.72	146.00
30.48	515.00	609.60	110.00
42.67	535.00	914.40	77.00
30.48	560.00	1219.20	100.00
42.67	590.00	914.40	60.00
60.96	620.00	1219.20	97.00
91.44	580.00	1828.80	206.00
121.92		2438.40	120.00
		3048.00	152.00



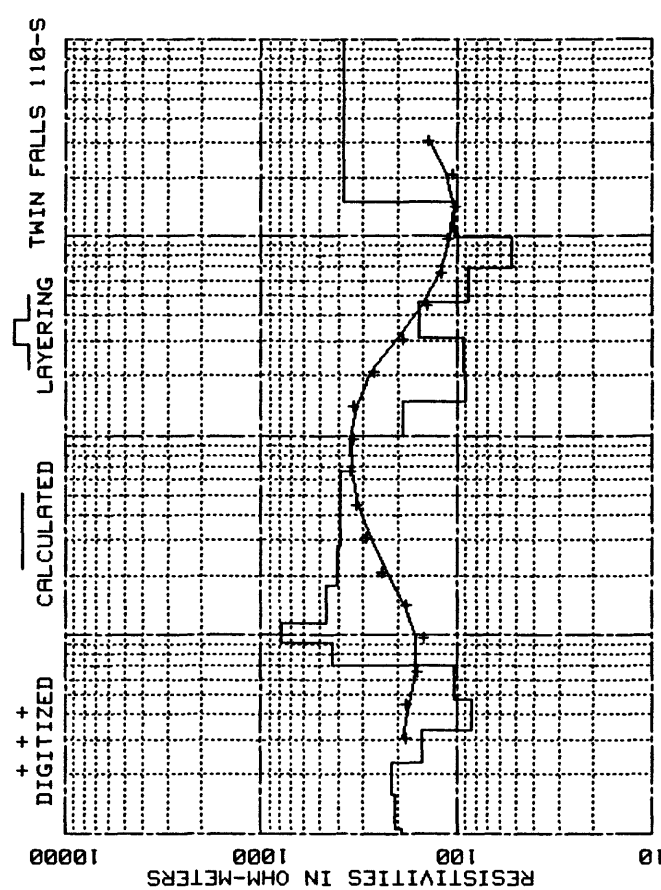
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	65.70	17.54	554.46
.34	66.27	20.07	525.69
.49	66.03	43.33	603.08
.72	64.21	65.73	660.53
1.06	63.07	99.41	466.04
1.55	74.40	144.77	227.64
2.19	125.09	201.45	96.00
2.83	289.02	281.13	50.85
3.50	596.41	417.52	46.86
4.53	808.46	642.34	59.10
6.57	778.18	974.03	98.93
10.63	653.08	1381.16	181.70
		999999.99	372.17

SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

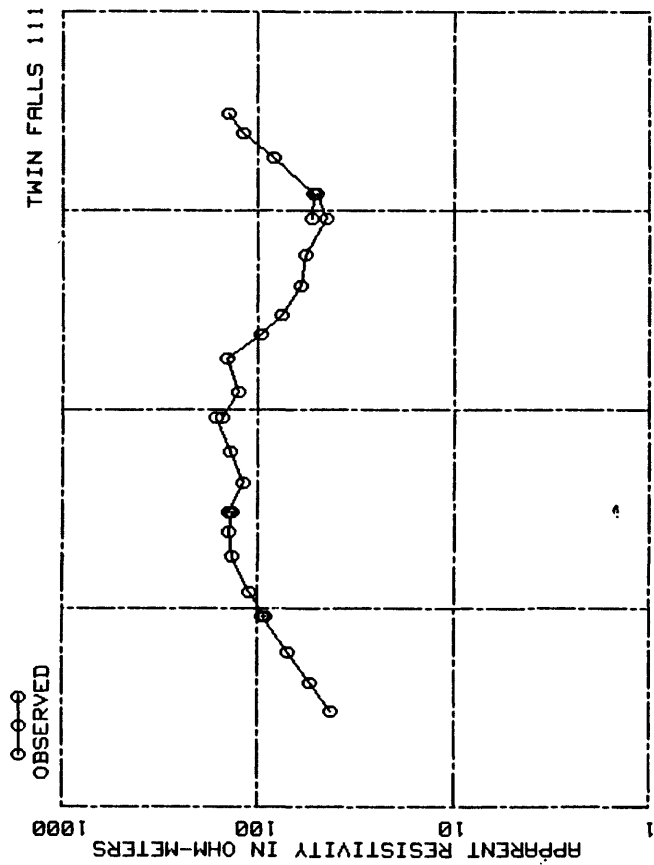
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	96.00	91.44	225.00		
4.27	96.00	121.92	235.00		
6.10	86.00	182.88	203.00		
9.14	78.00	243.84	154.00		
12.19	83.00	304.80	130.00		
18.29	91.00	426.72	100.00		
24.38	126.00	584.80	185.00		
30.48	145.00	826.72	130.00		
42.67	162.00	1144.00	110.00		
60.96	165.00	1544.00	126.00		
91.44	181.00	2119.20	112.00		
121.92	200.00	2938.40	105.00		
	195.00	4048.00	116.00		
			155.00		

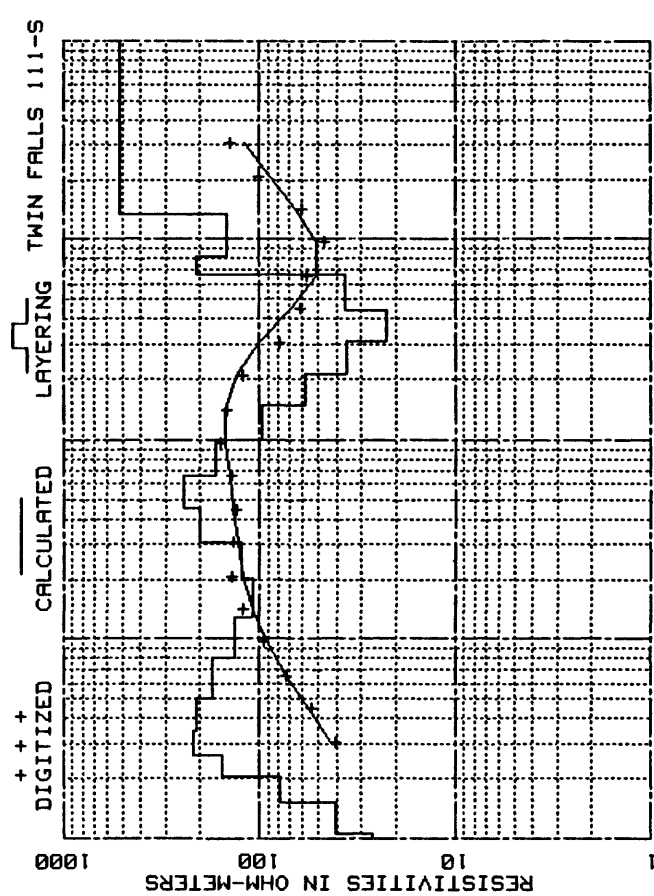


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	191.51	17.82	468.47		
.34	191.71	28.08	410.71		
.49	190.73	43.58	390.19		
.72	189.39	66.49	390.34		
1.05	192.34	100.29	341.72		
1.56	208.78	147.36	189.56		
2.28	217.05	208.75	98.79		
3.34	151.08	308.95	93.09		
4.78	83.56	465.71	154.99		
7.05	102.97	687.08	86.85		
9.15	428.56	994.19	52.84		
11.58	779.56	1488.03	102.73		
		999999.99	374.76		



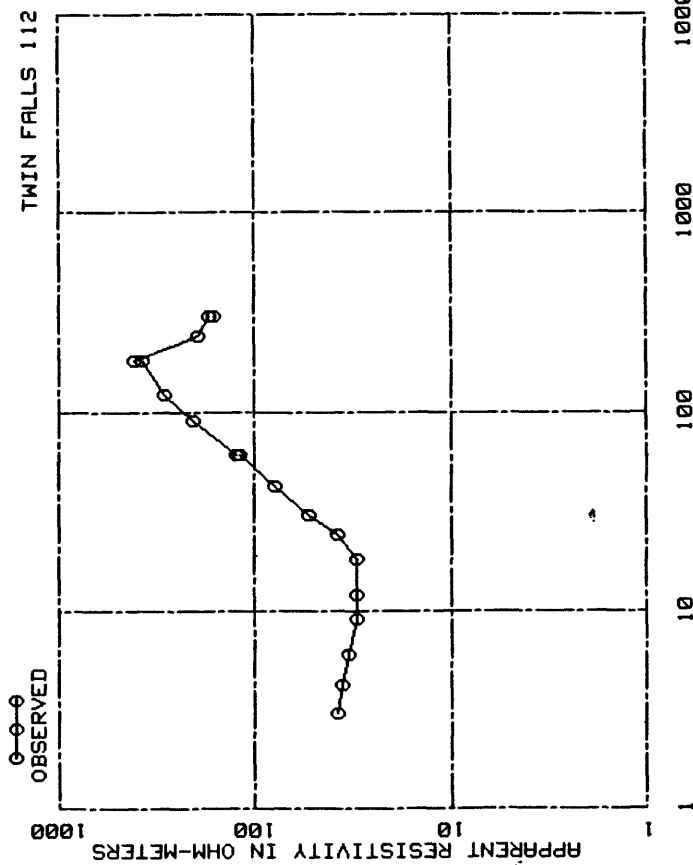
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	42.00	121.92	125.00
4.27	53.00	182.88	143.00
6.10	70.20	243.84	97.00
9.14	94.10	304.80	76.00
12.19	111.00	426.72	60.00
18.29	135.00	609.60	57.00
24.38	140.00	914.40	45.00
30.48	136.00	1219.20	50.00
42.67	140.00	1828.80	53.00
60.96	138.00	2438.40	84.00
91.44	153.00	3048.00	120.00
	152.00		140.00



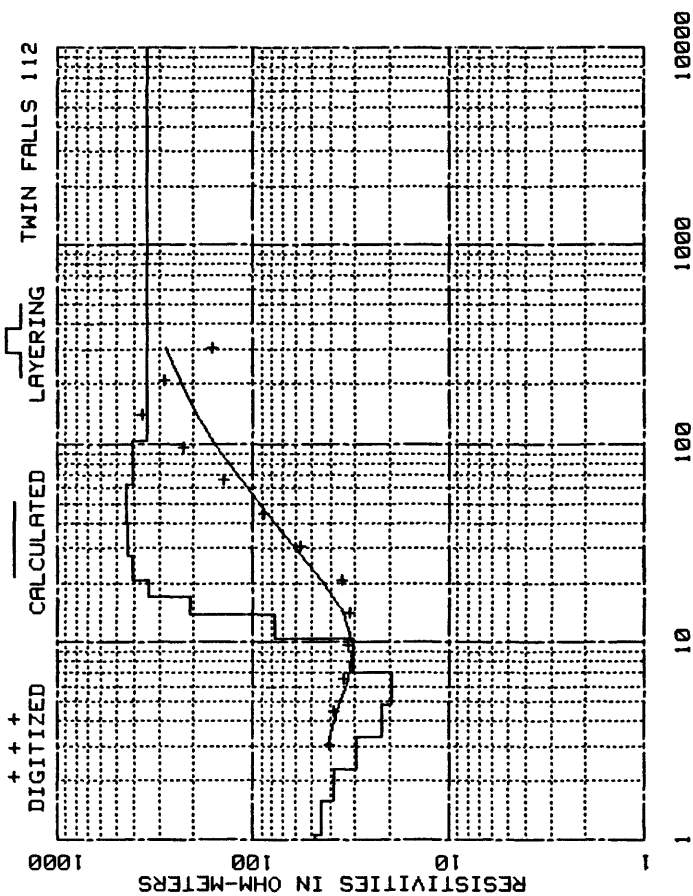
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	23.91	20.18	108.16
.34	23.42	30.86	123.38
.49	22.83	45.14	200.32
.72	22.88	65.91	241.20
1.06	26.57	99.73	167.37
1.51	40.45	147.43	96.53
2.03	70.50	213.37	57.74
2.60	154.32	306.09	35.60
3.43	215.22	439.10	22.45
5.01	208.91	667.97	36.59
7.99	173.90	823.12	210.24
12.91	134.14	1328.41	147.52
		999999.99	511.73



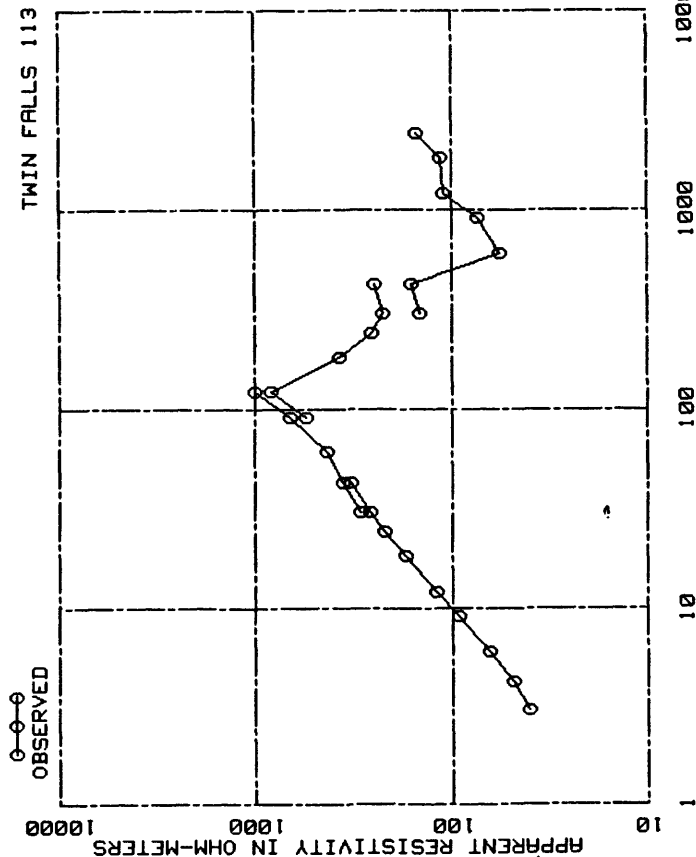
1 SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.85	38.00	42.67	78.00
4.27	36.00	60.96	118.00
6.10	33.00	60.96	124.00
9.14	30.30	91.44	205.00
9.14	30.00	91.44	205.00
12.19	30.00	121.92	288.00
18.29	30.00	182.88	375.00
24.38	38.00	182.88	410.00
30.48	53.00	243.84	195.00
30.48	53.00	304.80	170.00
		304.80	160.00

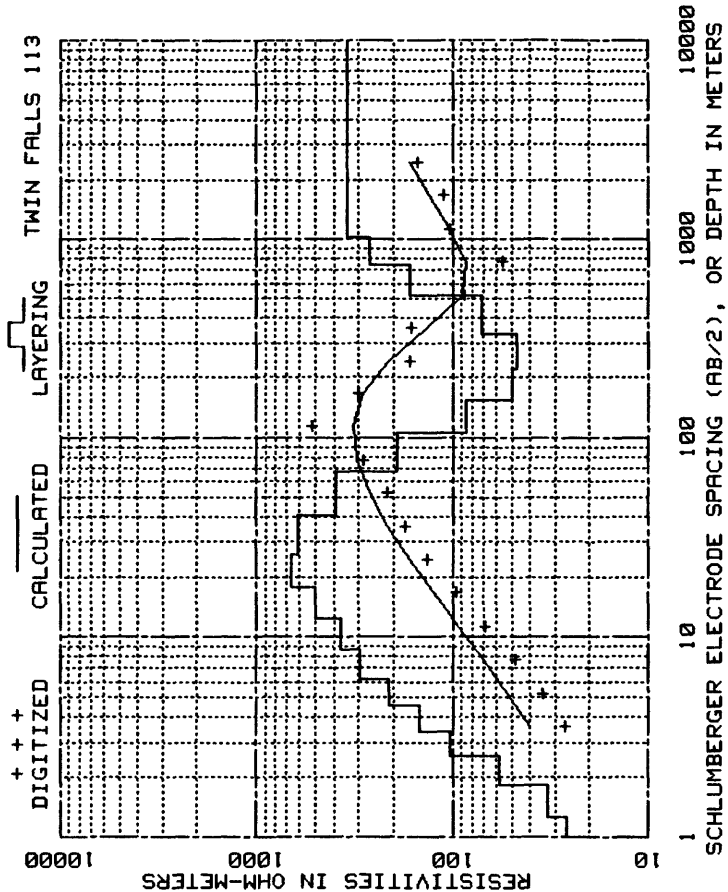


1 SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

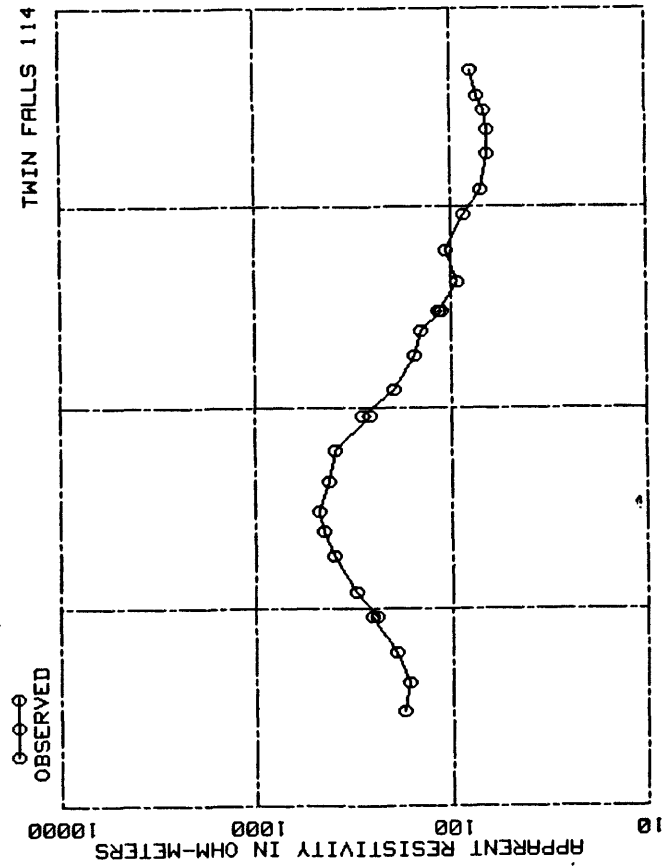
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	49.78	7.05	19.48
.34	49.71	10.41	38.81
.49	49.57	13.95	77.55
.72	49.23	16.94	207.19
1.06	48.10	20.79	348.49
1.56	45.08	27.40	488.57
2.28	38.83	39.71	436.32
3.33	29.84	62.54	439.56
4.83	21.79	103.53	414.39
		999999.99	348.93



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	40.00	121.92	1000.00
4.27	49.00	91.44	550.00
6.10	64.00	121.92	840.00
9.14	92.00	182.88	370.00
9.14	92.00	243.84	256.00
12.19	121.00	304.80	225.00
18.29	172.00	426.72	244.00
24.38	220.00	304.80	145.00
30.48	260.00	426.72	158.00
42.67	323.00	609.60	57.00
30.48	290.00	914.40	73.00
42.67	360.00	1219.20	110.00
60.96	430.00	1828.80	114.00
91.44	670.00	2438.40	150.00

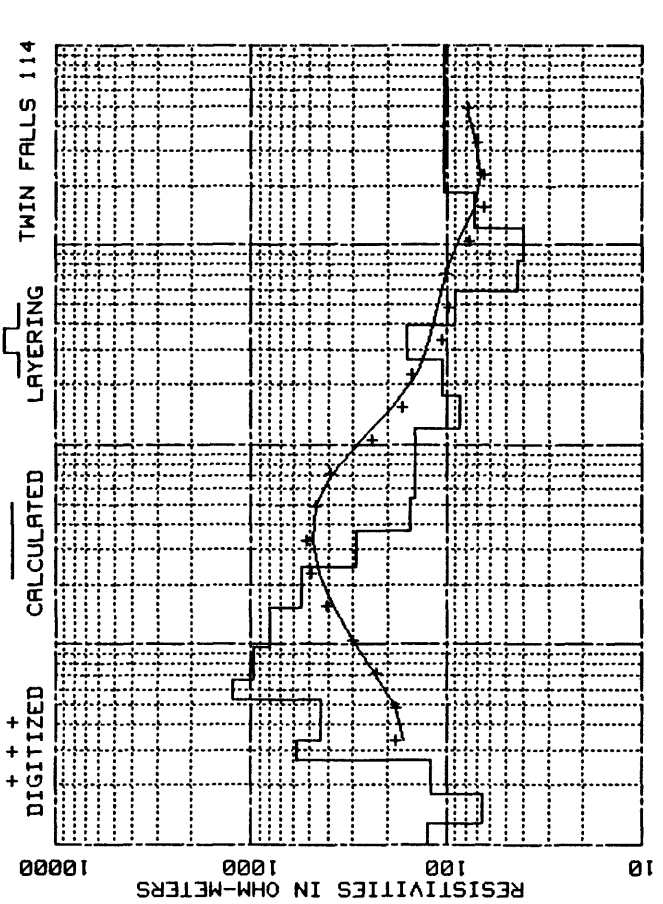


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	26.62	17.82	500.97
.39	26.81	25.83	670.51
.58	26.56	40.76	612.57
.85	25.82	67.66	394.03
1.25	26.07	105.25	191.98
1.82	32.98	153.21	85.63
2.54	57.53	221.50	49.71
3.39	104.18	334.61	46.92
4.59	146.59	518.09	70.48
6.25	212.20	743.24	164.57
8.65	294.03	1030.53	262.28
12.38	368.92	999999.99	342.45



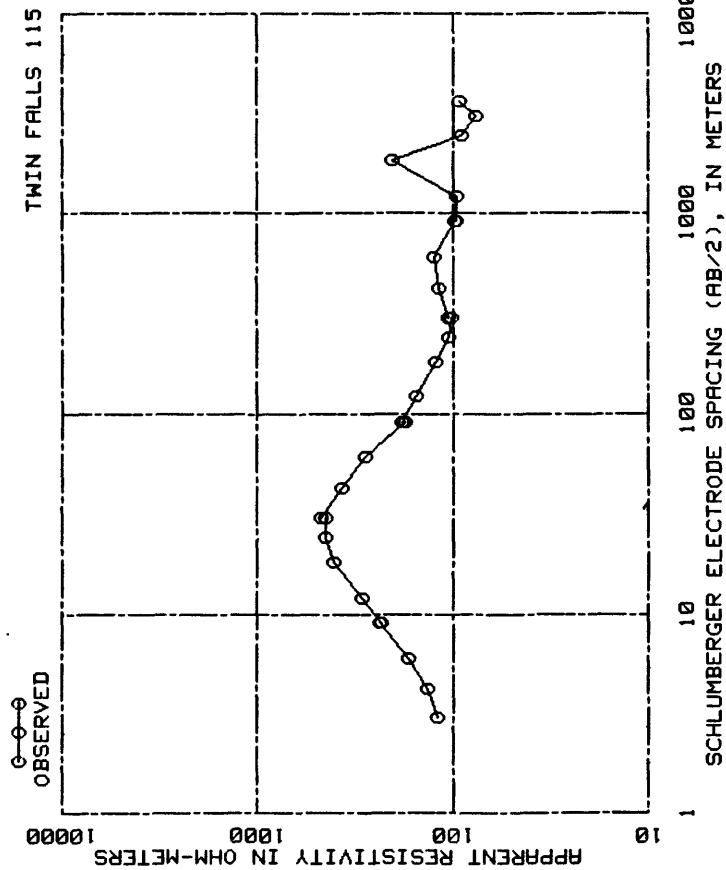
TWIN FALLS 114
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	174.00	121.32	197.00
4.27	165.00	182.88	153.00
6.10	192.00	243.84	142.00
9.14	254.00	384.80	112.00
12.19	239.00	384.80	115.00
18.29	305.00	426.72	93.00
24.38	397.00	609.60	106.00
30.48	458.00	914.40	85.00
38.48	475.00	1219.20	85.00
42.67	428.00	1828.80	65.00
68.96	396.00	2438.40	65.00
91.44	260.00	3848.00	67.00
	283.00	3657.60	72.00
		4876.80	78.00

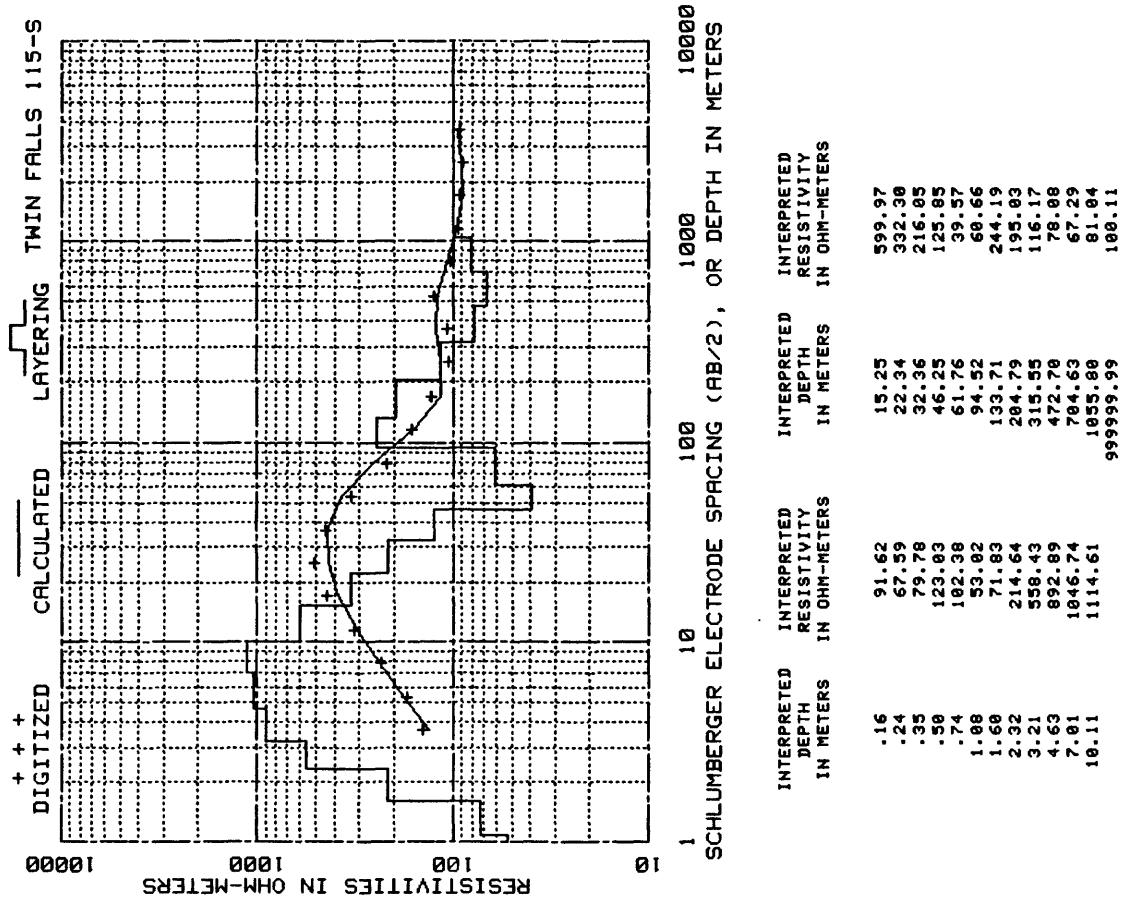


TWIN FALLS 114
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

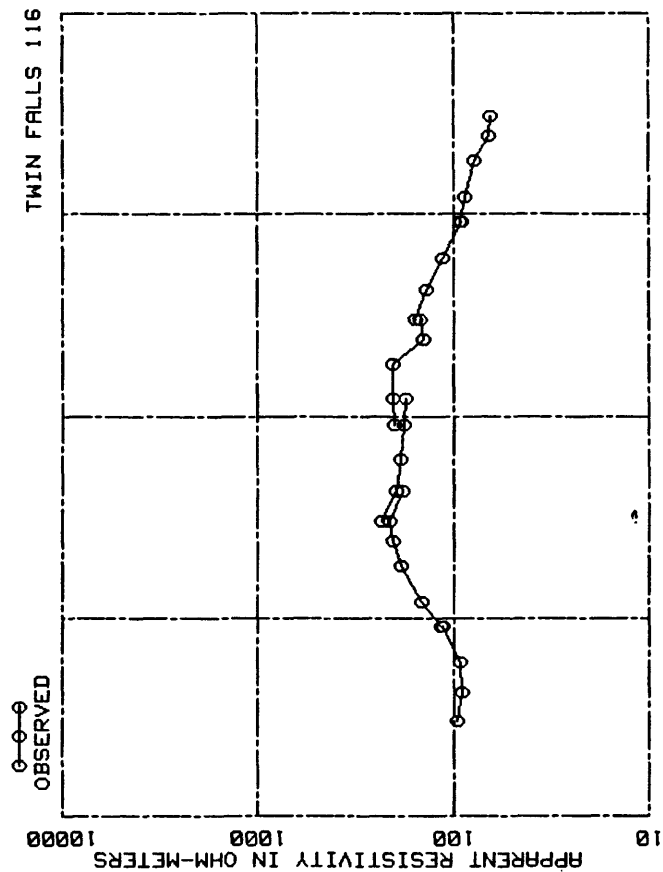
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.19	259.81	24.37	555.88
.28	264.09	36.76	298.43
.41	298.42	53.36	153.21
.60	318.42	79.74	145.00
.89	258.91	128.14	145.35
1.27	125.60	175.70	85.34
1.78	65.70	264.85	105.44
2.68	119.10	393.94	159.42
3.33	587.05	582.21	98.52
5.32	438.23	828.93	43.23
6.72	1226.76	1217.60	48.58
9.80	972.29	1823.32	72.72
15.40	887.21	999999.99	103.06



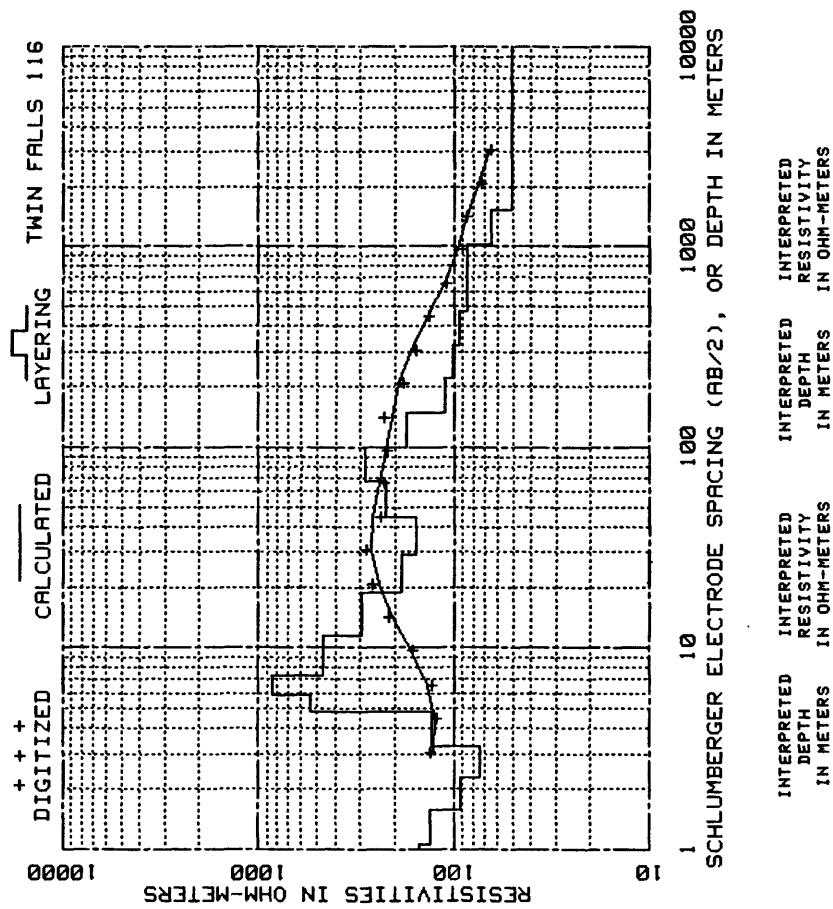
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	120.00	121.92	154.00
4.27	135.00	182.88	122.00
6.10	167.00	243.84	105.00
9.14	235.00	304.80	102.00
9.14	232.00	304.80	106.00
12.19	291.00	426.72	117.00
18.29	405.00	609.60	125.00
24.38	450.00	914.40	97.00
30.48	445.00	914.40	95.00
30.48	475.00	1219.20	95.00
42.67	370.00	1828.80	205.00
60.96	280.00	2438.40	91.00
91.44	175.00	3048.00	77.00
91.44	193.00	3657.60	93.00



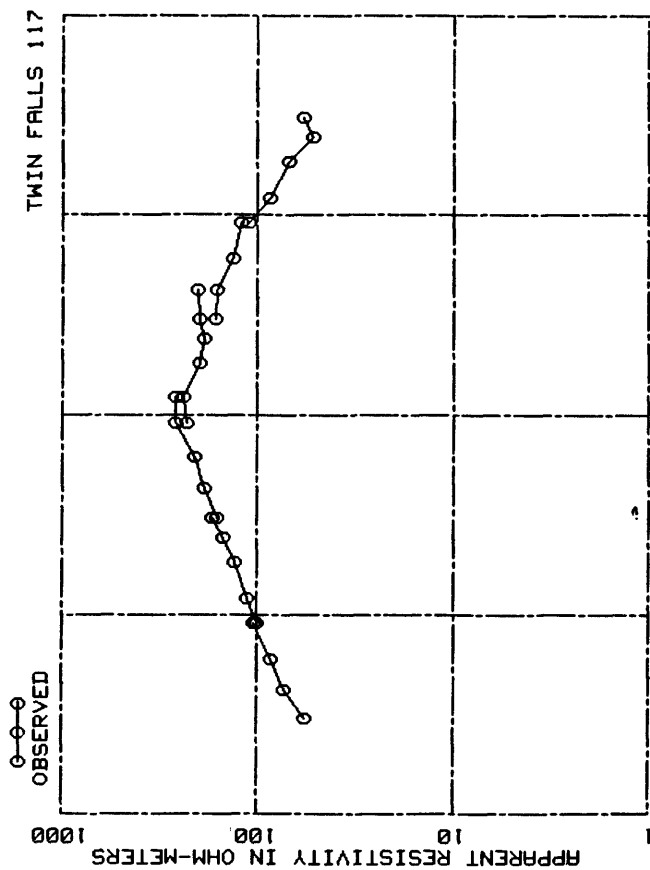
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.16	91.62	15.25	599.97
.24	67.59	22.34	332.30
.35	79.78	32.36	216.05
.50	123.03	46.25	125.85
.74	102.38	61.76	39.57
1.08	53.02	94.52	60.66
1.60	71.83	133.71	244.19
2.32	214.64	204.79	195.03
3.21	558.43	315.55	116.17
4.63	892.89	472.70	78.08
7.01	1046.74	704.63	67.29
10.11	1114.61	1055.08	81.04
		999999.99	100.11



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	96.00	121.92	175.00
4.27	90.00	91.44	200.00
6.10	92.00	121.92	203.00
9.14	113.00	182.88	203.00
9.14	116.00	243.84	143.00
12.19	145.00	304.80	148.00
18.29	184.00	304.80	155.00
24.38	205.00	426.72	136.00
30.48	210.00	609.60	113.00
42.67	180.00	914.40	91.00
30.48	230.00	914.40	92.00
42.67	194.00	1219.20	87.00
60.96	185.00	1828.80	78.00
91.44	177.00	2438.40	66.00
		3048.00	64.00

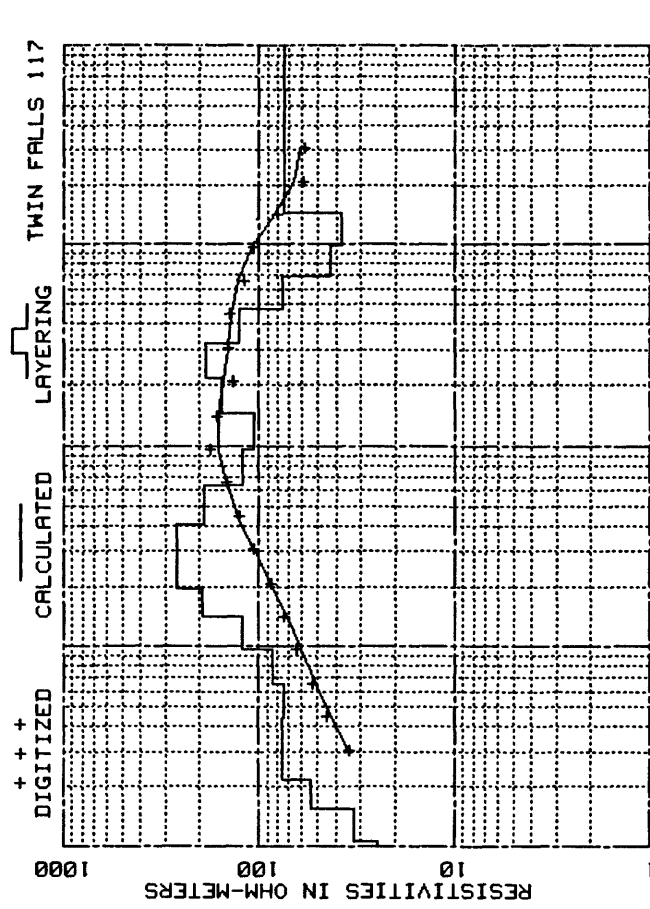


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	147.55	18.74	297.74
.34	147.25	29.19	186.45
.49	148.39	44.45	155.44
.72	151.22	67.46	221.27
1.06	151.04	100.35	283.51
1.56	131.54	149.46	176.40
2.27	92.50	218.17	118.61
3.30	73.49	321.21	100.49
4.84	129.77	474.54	93.45
5.90	544.44	700.91	85.71
7.34	846.58	1036.53	85.83
11.47	462.74	1519.31	64.15
		999999.99	50.62



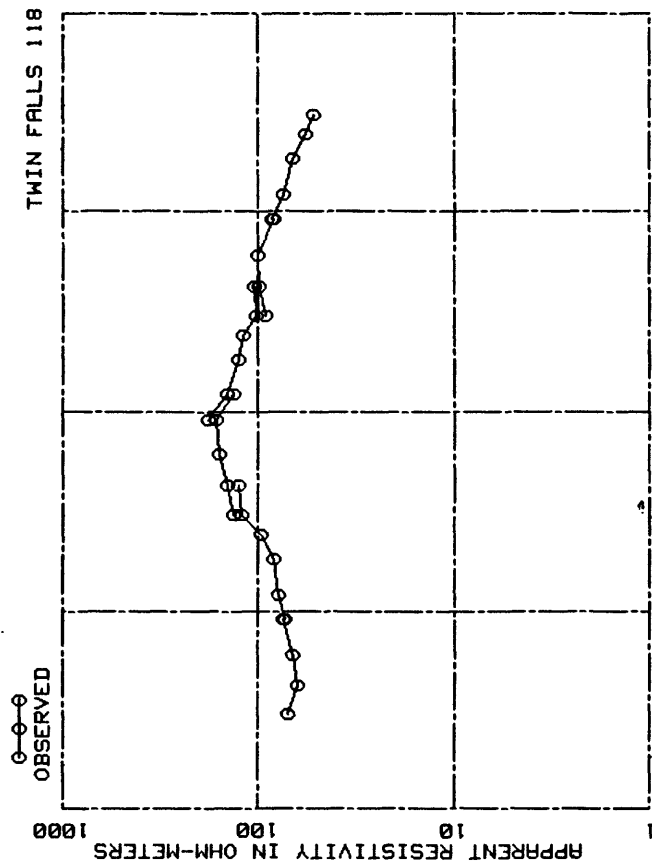
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	57.00	91.44	230.00
4.27	73.00	121.92	240.00
6.10	85.00	182.88	197.00
9.14	104.00	243.84	188.00
12.19	112.00	304.80	199.00
18.29	130.00	426.72	200.00
24.38	150.00	589.60	165.00
30.48	170.00	809.60	133.00
42.67	187.00	1114.40	122.00
60.96	210.00	1558.40	110.00
91.44	260.00	2152.00	86.00
121.92	260.00	3048.00	69.00
			52.00
			58.00



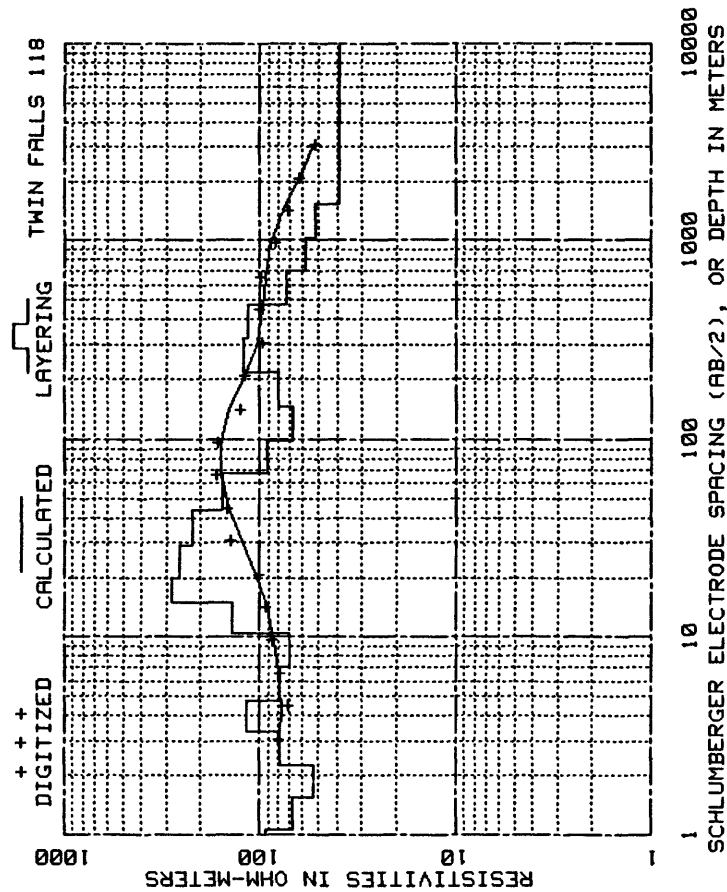
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	24.67	19.63	193.08
.34	24.72	27.45	263.44
.49	24.37	48.77	260.08
.72	23.74	63.55	189.25
1.06	24.75	96.89	121.30
1.54	32.59	145.69	105.72
2.16	54.32	217.96	155.53
3.01	76.08	322.01	185.91
4.39	76.48	478.11	125.30
6.57	74.85	696.04	75.94
9.77	84.31	993.85	43.17
14.11	120.43	1453.54	37.76
		999999.99	74.68



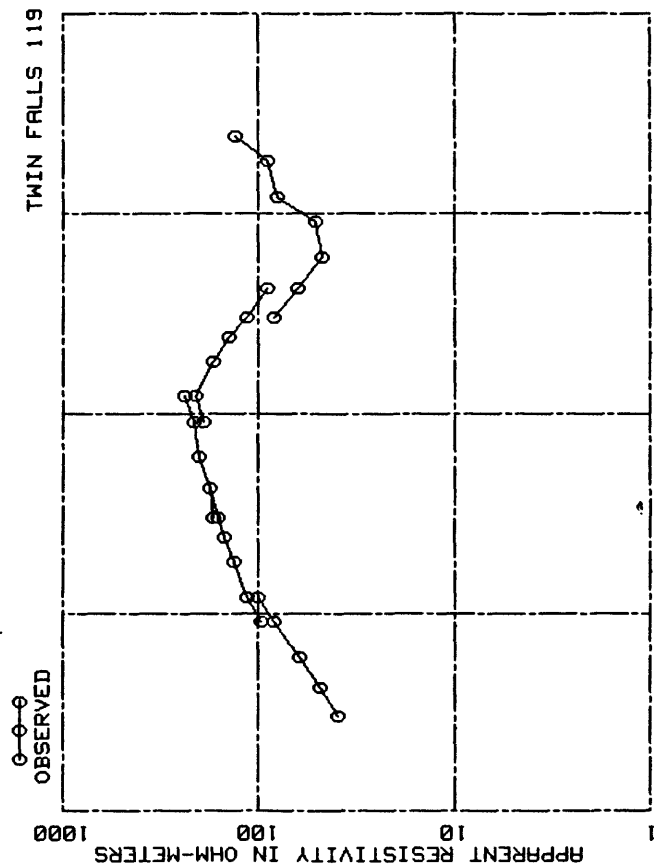
1 SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	70.00	91.44	180.00
4.27	63.00	121.92	143.00
6.10	67.00	182.88	127.00
9.14	74.00	243.84	120.00
9.14	73.00	304.80	102.00
12.19	79.00	426.72	105.00
18.29	83.00	304.80	91.00
24.38	97.00	426.72	98.00
30.48	122.00	609.60	100.00
42.67	126.00	914.40	84.00
30.48	134.00	914.40	85.00
42.67	143.00	1219.20	75.00
60.96	157.00	1828.80	67.00
91.44	165.00	2438.40	57.00
121.92	132.00	3048.00	52.00



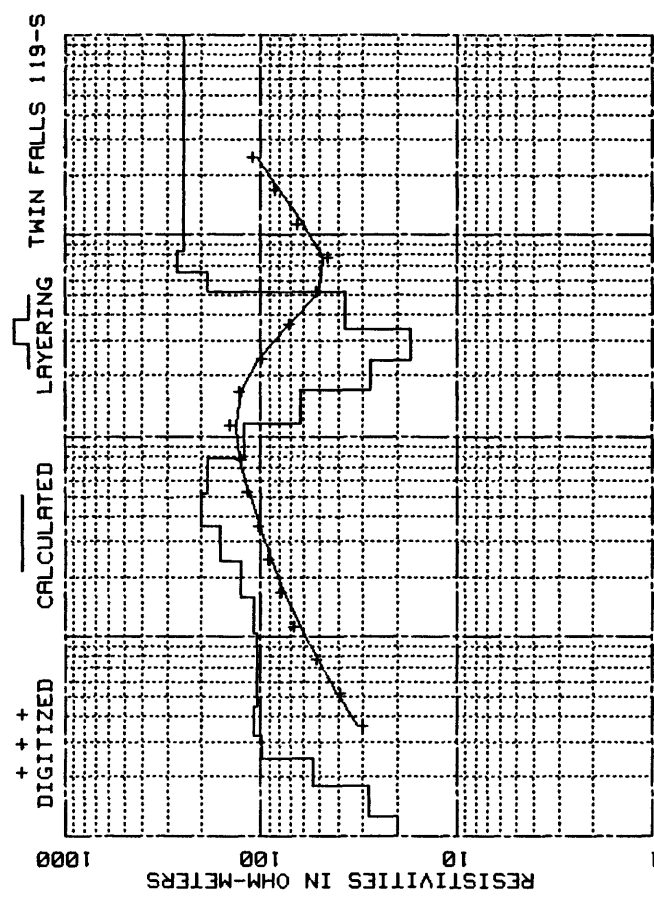
1 SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	99.79	19.83	281.49
.34	99.93	28.76	258.80
.49	101.44	43.78	219.53
.72	102.45	66.77	153.87
1.06	92.72	99.00	91.76
1.55	67.65	145.58	67.80
2.25	52.87	217.71	80.63
3.32	78.11	322.66	122.85
4.79	116.30	479.07	115.03
7.09	79.12	704.63	72.56
10.45	70.45	1032.01	57.89
14.92	137.98	1516.29	52.12
		999999.99	39.24



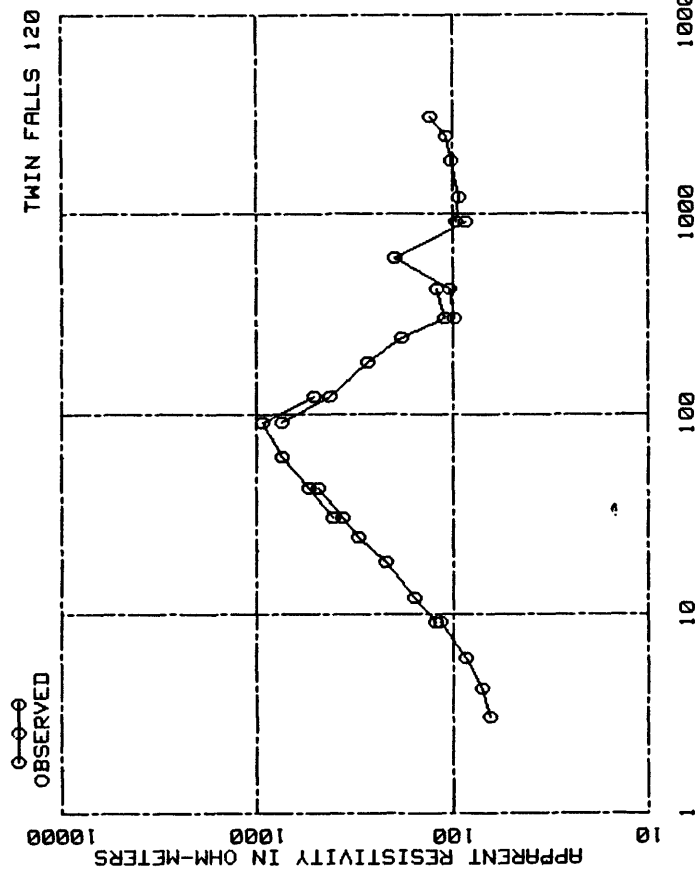
TWIN FALLS 119
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	39.00	91.44	215.00
4.27	48.00	121.92	240.00
6.10	62.00	91.44	191.00
9.14	84.00	121.92	208.00
12.19	108.00	182.88	170.00
9.14	97.00	243.84	141.00
12.19	114.00	304.80	115.00
18.29	132.00	426.72	90.00
24.38	148.00	304.80	83.00
30.48	160.00	426.72	63.00
42.67	175.00	609.60	47.00
30.48	171.00	914.40	51.00
42.67	178.00	1219.20	80.00
60.96	202.00	1828.80	90.00
		2438.40	130.00



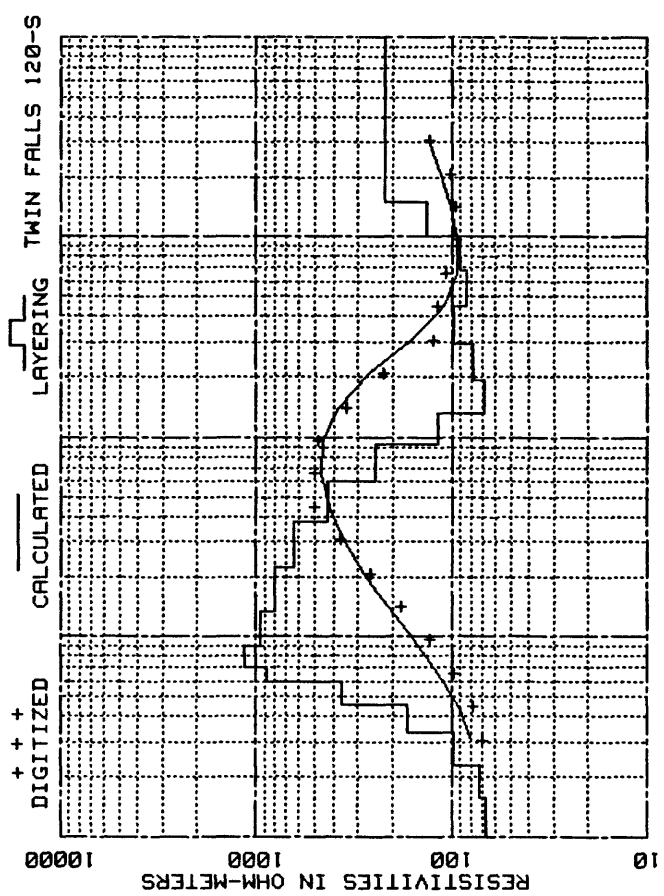
TWIN FALLS 119-S
SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.27	20.07	23.97	125.83
.39	20.00	35.35	160.73
.58	19.61	51.71	200.26
.85	19.02	77.66	187.13
1.25	20.07	117.18	121.74
1.81	27.79	170.72	62.38
2.46	53.63	238.75	27.67
3.22	98.53	338.98	17.14
4.52	107.78	523.19	36.96
6.78	104.68	649.48	186.82
10.41	104.05	832.36	266.67
15.92	109.09	999999.99	247.79



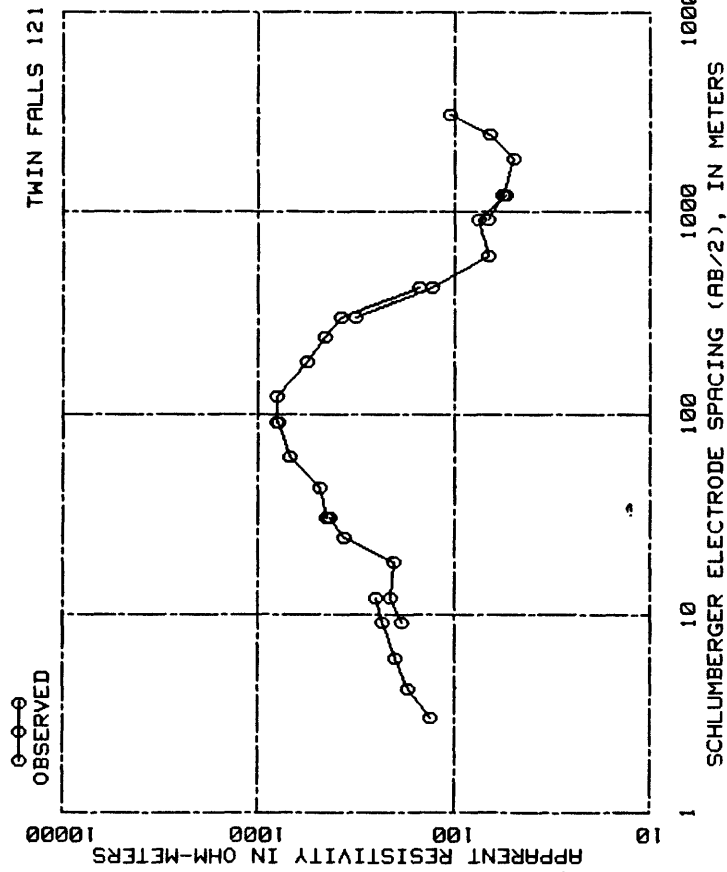
SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	65.00	91.44	750.00
4.27	71.00	121.92	420.00
6.10	86.00	182.88	272.00
9.14	116.00	243.84	180.00
12.19	122.00	304.80	110.00
18.29	157.00	426.72	121.00
24.38	220.00	569.60	98.00
30.48	300.00	750.00	103.00
42.67	363.00	1020.00	195.00
54.86	485.00	1360.00	85.00
60.96	540.00	1820.00	95.00
91.44	750.00	2438.40	93.00
121.92	510.00	3048.00	107.00
			130.00

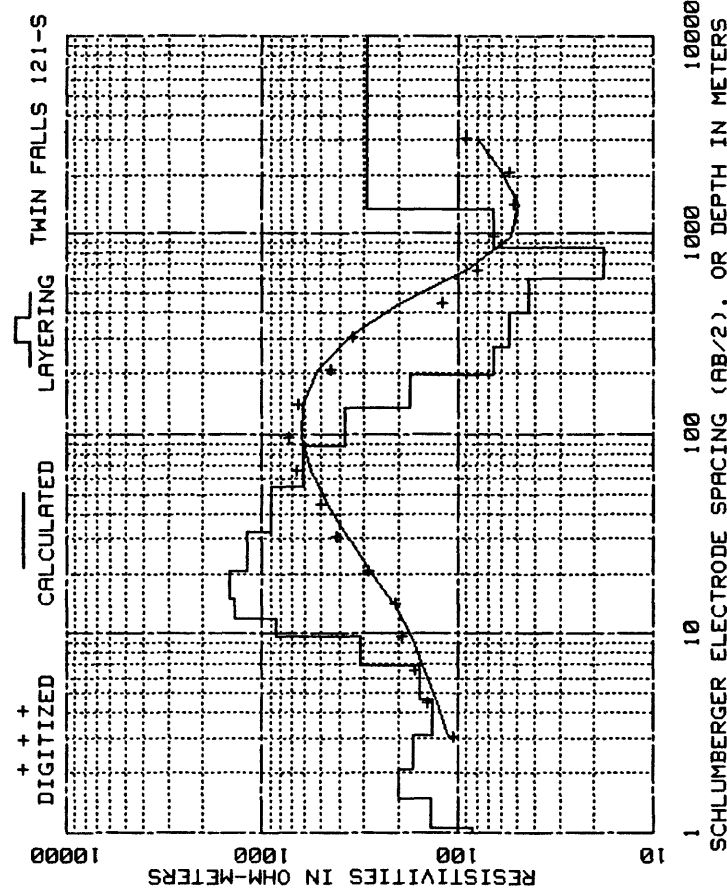


SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

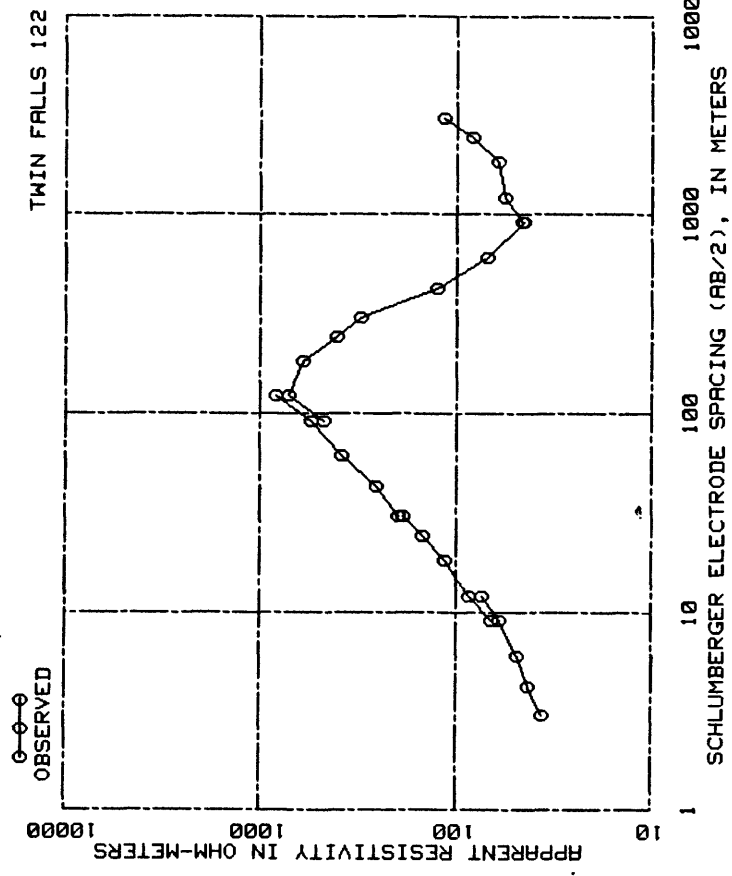
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	69.88	13.44	951.83
.34	70.86	22.20	799.29
.49	69.94	37.34	636.48
.72	69.21	60.27	431.49
1.06	67.67	92.02	243.47
1.56	66.91	133.59	118.84
2.20	72.93	192.38	68.83
3.31	98.25	292.67	77.27
4.59	169.82	448.65	97.38
5.91	365.75	676.27	83.56
7.12	881.55	1013.56	98.33
9.03	1152.49	1493.33	134.31
		999999.99	218.98



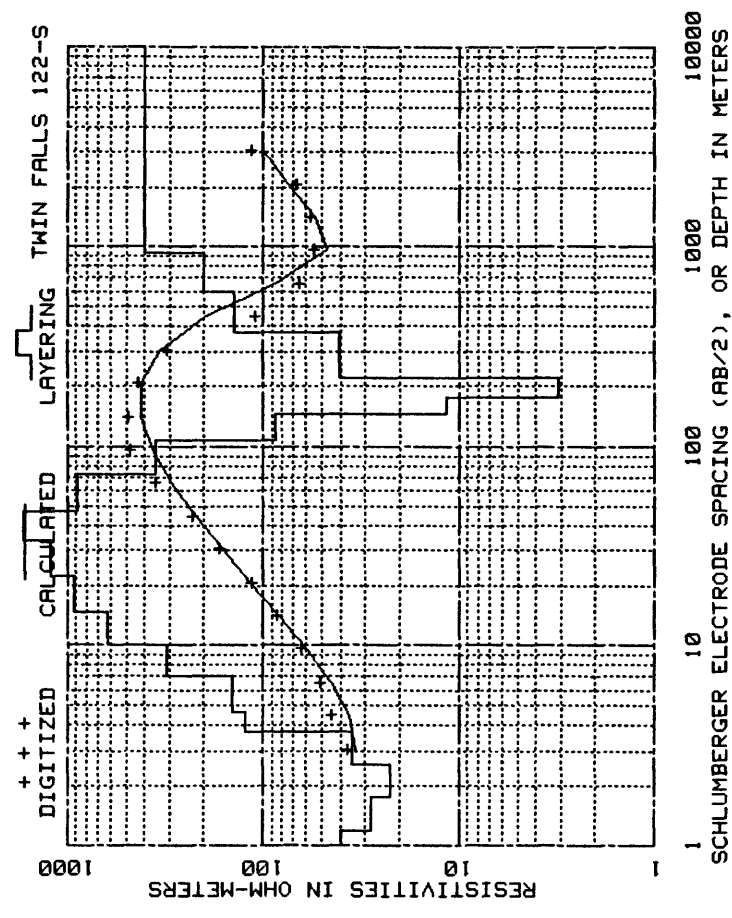
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	131.00	121.92	795.00
4.27	171.00	182.88	560.00
6.10	199.00	243.84	455.00
9.14	233.00	394.80	380.00
12.19	252.00	426.72	150.00
9.14	186.00	304.80	320.00
12.19	211.00	426.72	130.00
18.29	205.00	609.60	67.00
24.38	366.00	914.40	75.00
30.48	432.00	1219.20	55.00
30.48	450.00	914.40	67.00
42.67	482.00	1219.20	57.00
60.96	690.00	1828.80	50.00
91.44	780.00	2438.40	66.00
91.44	805.00	3048.00	105.00



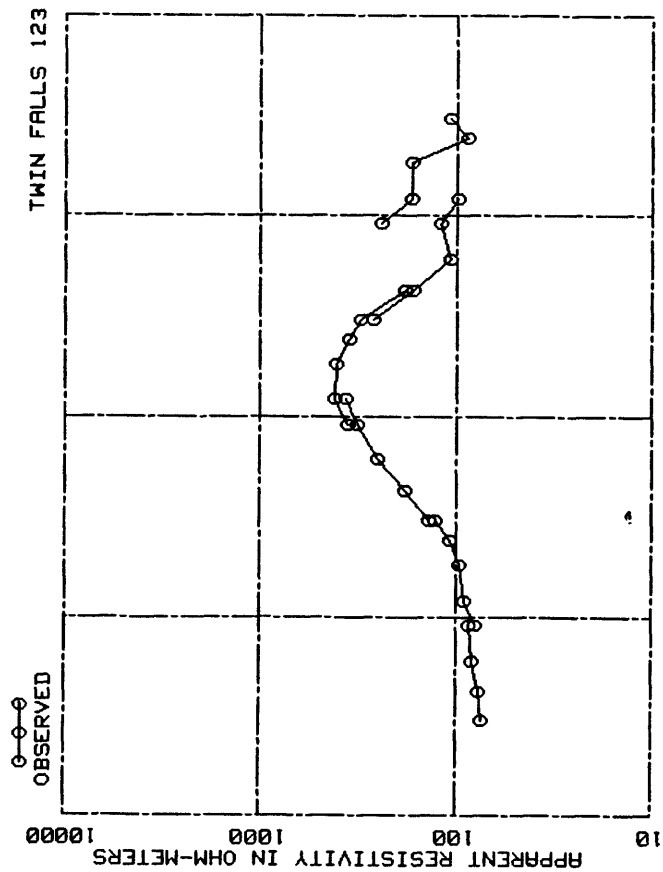
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	71.60	14.91	1379.58
.34	71.08	20.51	1438.87
.49	69.32	32.44	1192.46
.72	69.33	54.39	897.62
1.06	84.41	88.12	618.18
1.49	138.18	135.54	375.26
2.08	200.03	196.82	173.78
3.09	168.81	271.04	66.07
4.66	133.90	398.78	54.46
6.94	154.96	599.38	43.24
9.64	312.08	849.45	17.93
11.94	849.74	1326.59	65.76
		999999.99	292.80



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	36.00	121.92	830.00
4.27	43.00	91.44	470.00
6.10	48.50	121.92	720.00
9.14	60.00	182.88	600.00
12.19	74.00	243.84	410.00
9.14	66.00	304.80	310.00
12.19	85.00	426.72	124.00
18.29	114.00	609.60	70.00
24.38	148.00	914.40	45.00
30.48	186.00	914.40	46.00
30.48	195.00	1219.20	57.00
42.67	255.00	1828.80	61.00
60.96	382.00	2438.40	83.00
91.44	550.00	3048.00	115.00

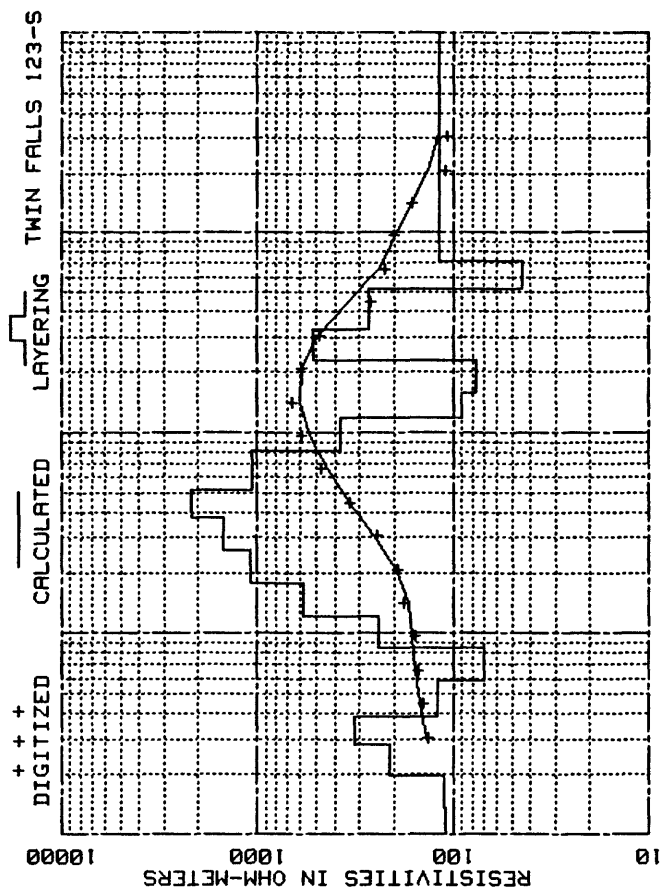


INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.18	31.16	14.66	620.73
.26	31.77	22.07	926.36
.38	29.93	33.63	1214.10
.56	29.56	47.04	1672.61
.81	35.91	73.04	885.28
1.19	40.09	107.90	350.79
1.75	27.83	145.14	85.87
2.56	22.13	175.83	11.62
3.74	35.08	219.75	3.13
4.70	123.86	375.20	40.93
7.03	144.26	593.01	141.21
10.19	312.67	944.95	199.54
		999999.99	404.51



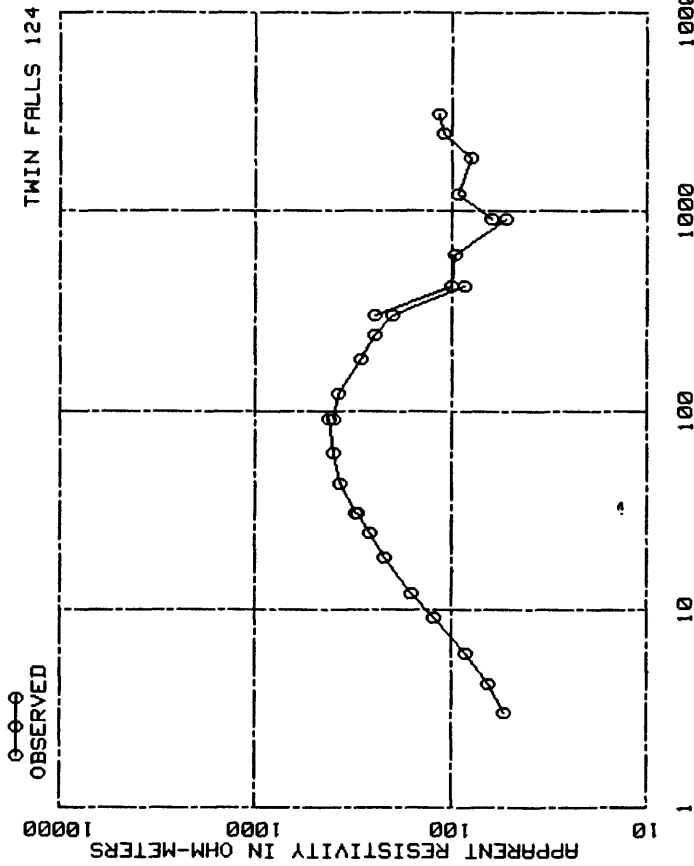
1 SCHLUMBERGER ELECTRODE SPACING (AB/2), IN METERS

AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	74.00	121.92	415.00
4.27	77.00	182.80	410.00
6.10	82.00	243.84	348.00
9.14	85.00	304.80	307.00
12.19	80.00	426.72	180.00
18.29	90.00	304.80	265.00
24.38	95.00	426.72	164.00
30.48	100.00	609.60	107.00
38.48	127.00	914.40	120.00
42.67	137.00	1219.20	97.00
60.96	180.00	1828.80	240.00
91.44	250.00	1219.20	167.00
121.92	322.00	1828.80	167.00
	363.00	2438.40	87.00
	360.00	3048.00	107.00

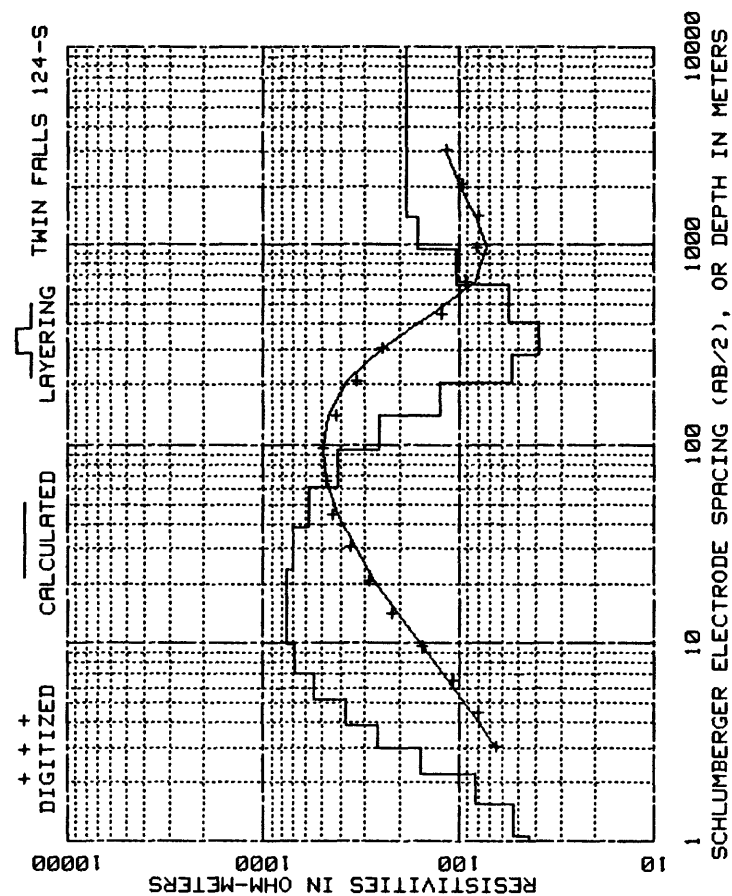


1 SCHLUMBERGER ELECTRODE SPACING (AB/2), OR DEPTH IN METERS

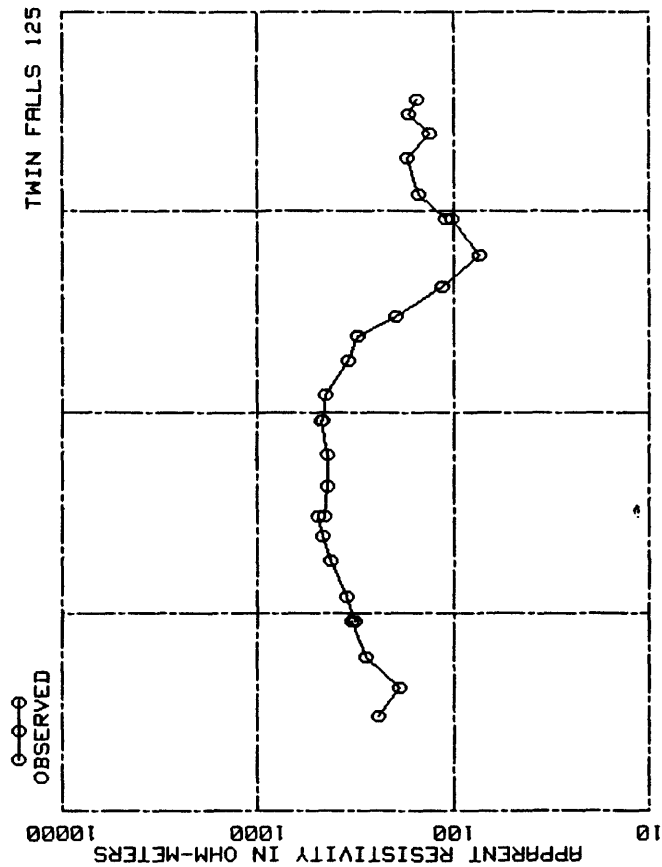
INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.14	126.95	12.17	239.49
.20	116.20	17.67	578.93
.29	103.79	25.63	1074.90
.43	114.76	37.83	1493.75
.62	142.02	51.70	2155.24
.92	139.38	81.01	1061.98
1.35	109.51	110.95	378.84
1.98	111.55	156.53	91.39
2.81	210.50	227.00	76.64
3.89	322.02	325.70	516.87
5.85	119.90	525.30	271.84
8.55	69.48	723.25	44.87
		999999.99	117.97



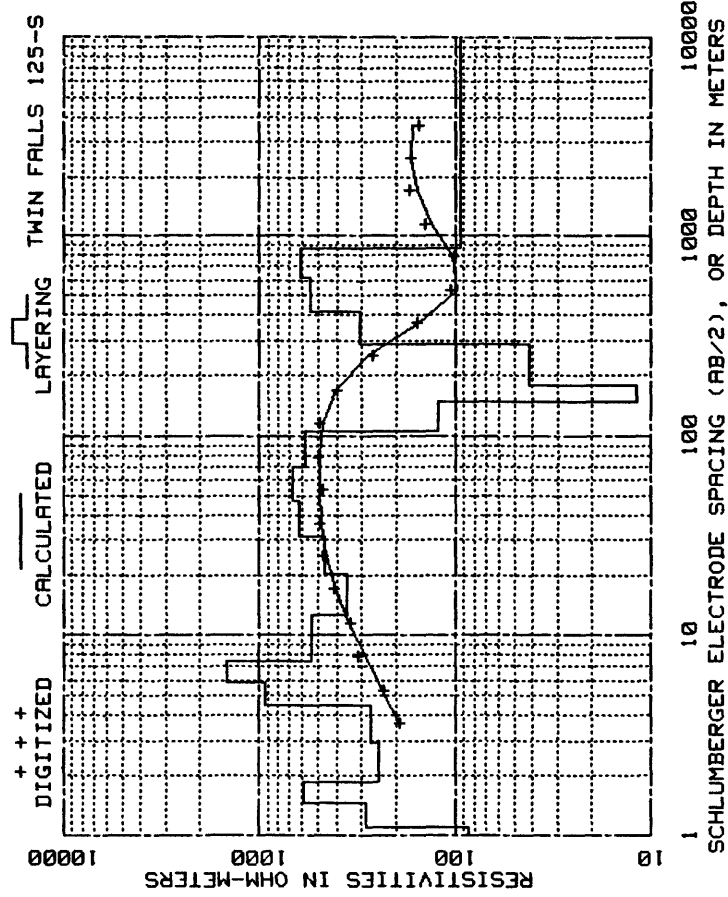
AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	54.00	121.92	376.00
4.27	64.20	182.88	292.00
6.10	84.00	243.84	245.00
9.14	122.00	304.80	200.00
9.14	122.00	426.72	86.00
12.19	160.00	304.80	245.00
18.29	220.00	426.72	100.00
24.38	261.00	609.60	95.00
30.48	300.00	914.40	53.00
30.48	300.00	914.40	62.50
42.67	369.00	1219.20	93.00
60.96	398.00	1828.80	80.00
91.44	420.00	2438.40	110.00
91.44	400.00	3048.00	115.00



INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.23	45.06	14.93	754.43
.34	44.75	23.57	755.46
.49	44.10	37.99	703.71
.72	43.00	60.81	585.87
1.06	43.69	94.40	418.65
1.55	52.67	141.26	254.66
2.20	83.20	202.73	124.56
2.96	155.70	281.01	53.88
3.90	258.52	406.36	38.53
5.21	378.56	630.33	55.94
7.05	545.98	956.69	104.02
9.94	693.61	1384.45	162.10
		999999.99	184.22



AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS	AB/2 IN METERS	OBSERVED RESISTIVITY IN OHM-METERS
3.05	242.00	121.92	445.00
4.27	190.00	182.88	342.00
6.10	281.00	243.84	318.00
9.14	330.00	304.80	195.00
12.19	318.00	304.80	197.00
18.29	350.00	426.72	114.00
24.38	420.00	609.60	74.00
30.48	462.00	914.40	102.00
38.48	490.00	914.40	110.00
42.67	460.00	1219.20	151.00
60.96	439.00	1828.80	173.00
91.44	442.00	2438.40	132.00
	470.00	3048.00	160.00
	465.00	3657.60	153.00



INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS	INTERPRETED DEPTH IN METERS	INTERPRETED RESISTIVITY IN OHM-METERS
.16	122.68	12.57	539.97
.24	110.09	20.12	359.42
.35	136.37	31.24	464.35
.51	141.76	46.91	623.37
.75	88.38	70.85	680.65
1.10	85.72	105.21	586.39
1.47	287.35	147.29	122.19
1.85	589.94	179.94	11.90
2.94	243.83	288.20	41.82
4.34	268.67	420.43	388.49
5.81	929.77	617.19	545.66
7.49	1462.66	868.40	620.64
		999999.99	94.62

