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AUDIO-MAGNETOTELLURIC GEOELECTRIC SOUNDINGS IN JACKSON HOLE, WYOMING

By

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INTRODUCTION

In late May and early June of 1994, the USGS made 81 audio-magnetotelluric (AMT) soundings in Jackson Hole, a valley in Teton County, northwestern Wyoming. In September, 1994, we repeated measurements at 6 of the earlier AMT sites and added one new AMT site. Most of the sounding sites were located in fields on hay farms and cattle ranches in the southern part of the valley. The AMT work was done to help detect geoelectrical features that might reflect geologic and hydrologic conditions in Jackson Hole, and was part of a wider series of studies there that included time-domain geoelectric soundings and hydrologic studies (Campbell and Nolan, 1995).

The basic principles of the AMT method correspond to those of the magnetotelluric (MT) method (Cagniard, 1953; Vozoff, 1972; Vozoff and others, 1963). AMT signals, however, occur at higher frequencies and originate mainly from atmospheric disturbances (spherics) rather than the lower frequencies used in MT (typically in the range of 0.001 to 1,000 Hz) that originate from ionospheric phenomena. General references on AMT method include Strangway and others (1973), Vozoff (1991), and Zonge and Hughes (1991). Reports describing AMT work to investigate geologic structures and lithologic relations include that by Hoover and others (1976); Hermance and others (1984); Leary and Phinney (1974); Stanley (1982); Long (1985); and Fitterman and others (1988).

The AMT electromagnetic induction method is typically used to delineate geoelectrical features in the upper 0.5-2.0 km of the earth's crust. Soundings were made using distant field sources, mostly natural sources in the frequency range from 4.5 Hz to 27,000 Hz. The data for each station consist of scalar measurements of discrete frequencies for two orthogonal magnetic and electric field pairs. The two pairs of data are denoted N-S and E-W, reflecting the (true geographic) North-South and East-West orientation of electrode pairs that measured the electric fields. The particular AMT equipment and data reduction system used for this study is described by Hoover and others (1976, 1978) and Hoover and Long (1976).

Figure 1 shows the locations of the 82 AMT soundings. All of the locations are on Jackson Lake, WY and Jackson, WY maps, scale 1:1,100,000. Locations outside the Teton National Park are on the Teton Village, WY, and Jackson, WY, maps, scale 1:24,000. The sounding curves for N-S and E-W components at each station along with their corresponding data sets are shown in Appendix A. Interpreted electric structures at each station, found using a one-dimensional method (Bostick, 1977) are shown in Appendix B.

ACKNOWLEDGEMENT: We thank the Teton County Natural Resource District, the Jackson Hole Baseline Research Foundation, and the USGS Water Resources Division cooperative program for funding this work.

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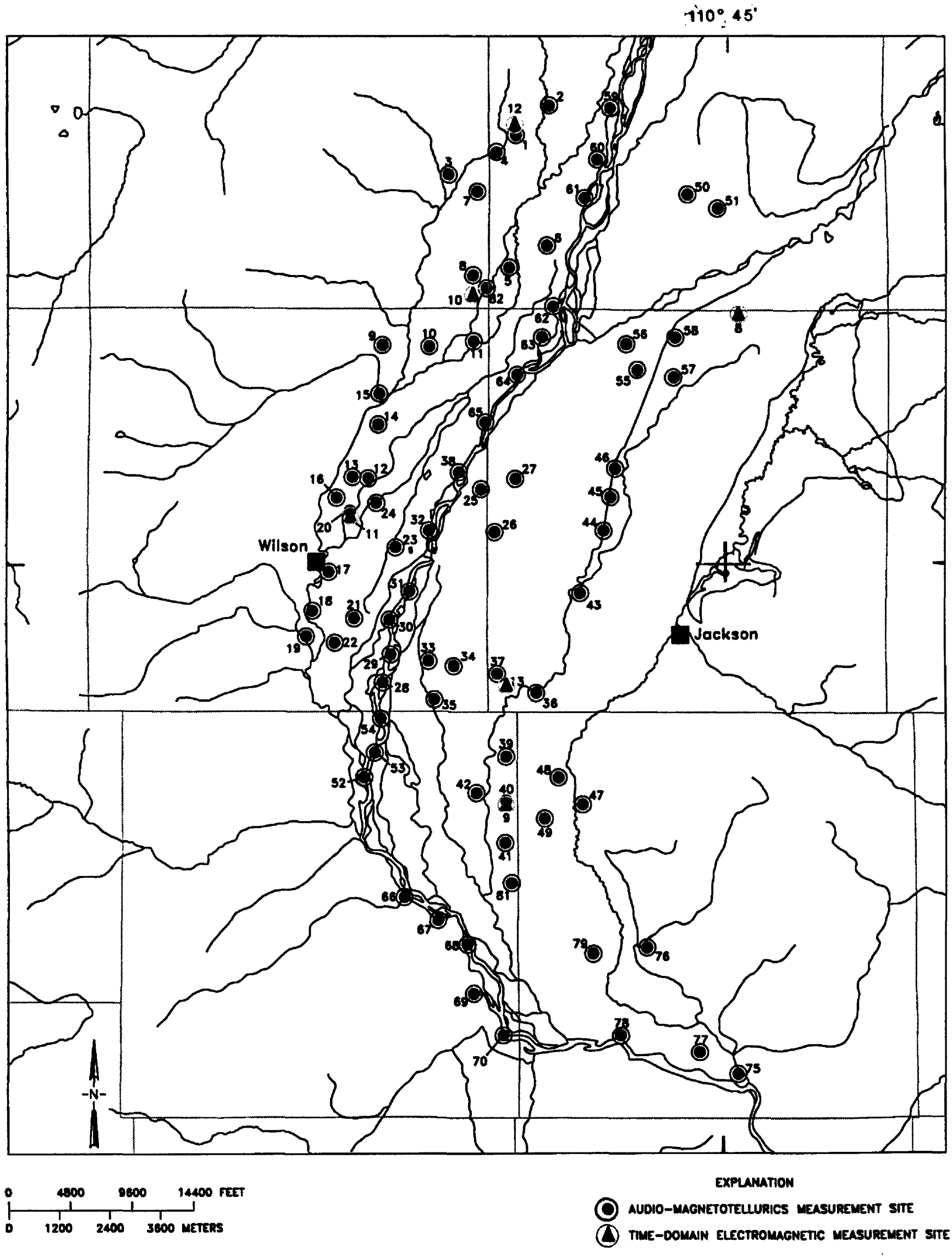


FIGURE 1. Map showing major hydrologic features and audio-magnetotellurics and time-domain electromagnetic measurement site locations, Jackson Hole, Wyoming.

Appendix A

AMT sounding data for stations recorded at Jackson Hole WY.

Key to abbreviations:

Sta. ID	Station identification. Suffix "A" indicates stations repeated in Sept 1994.
Freq.	Frequency (Hz)
No Freq.	Number of frequencies recorded
Ap Res	Apparent Resistivity (Ohm-meters)
N Obs	Number of observations taken
Std Err	Standard error (%)
o = NS	North-South E-field measurement
x = EW	East-West E-field measurement

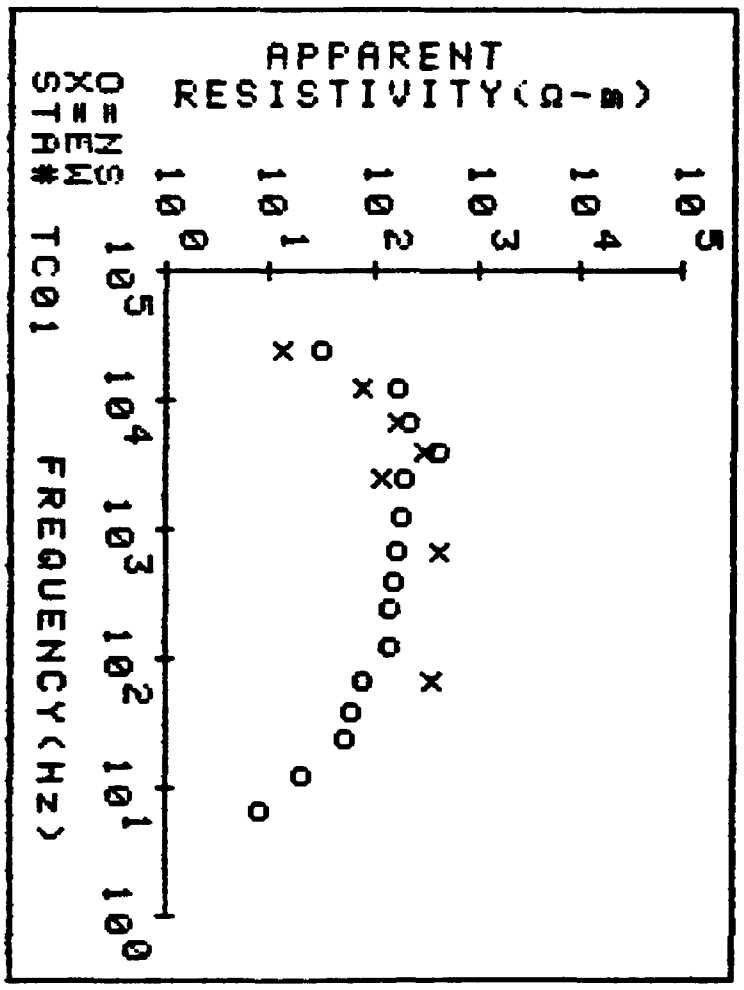
PROJECT=JACKSON HOLE 94

STA. ID_TC01 NS NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
7.5	6.51	6	.74
14.0	16.85	7	1.06
27.0	40.38	6	3.93
45.0	46.92	10	2.46
75.0	60.41	11	1.32
140.0	110.55	9	20.38
270.0	110.38	7	4.48
450.0	120.88	11	2.64
750.0	129.22	10	4.76
1400.0	150.24	6	4.34
2700.0	156.94	7	4.82
4500.0	334.88	6	24.41
7500.0	167.60	6	29.53
14000.0	134.56	4	2.82
27000.0	25.40	5	1.14

STA. ID_TC01 EW NO FREQ= 7

FREQ	AP-RES	N OBS	STD ERR
75.0	282.80	9	39.68
750.0	336.35	9	15.77
2700.0	92.18	3	5.63
4500.0	234.06	8	16.43
7500.0	139.32	10	3.84
14000.0	64.47	4	.81
27000.0	10.50	6	.30



TC-01

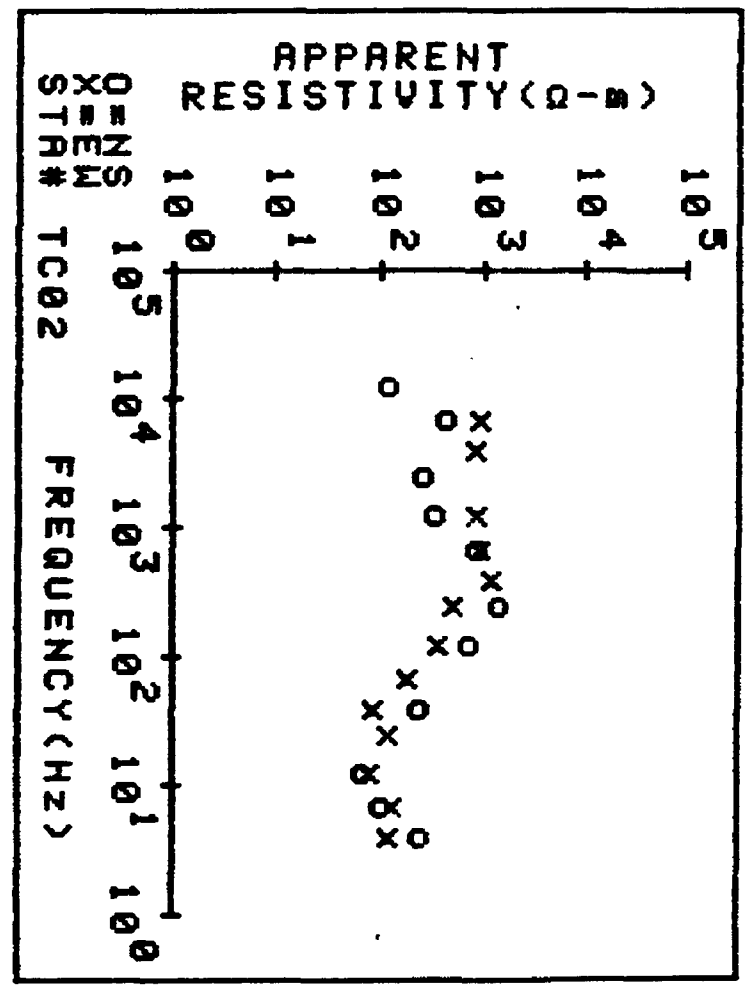
PROJECT=JACKSON HOLE 94

STA. ID_TC02 NS NO FREQ= 11

FREQ	AP-RES	N OBS	STD ERR
4.5	191.49	6	5.26
7.5	83.52	9	15.92
14.0	51.74	8	9.95
45.0	188.66	8	20.74
140.0	586.33	10	106.42
270.0	1152.50	8	196.39
750.0	686.83	8	146.30
1400.0	267.41	3	19.11
2700.0	204.92	2	28.15
7500.0	348.27	6	15.27
14000.0	95.31	3	2.51

STA. ID_TC02 EW NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	93.29	4	13.56
7.5	102.94	5	11.30
14.0	64.99	7	12.13
27.0	98.71	11	6.81
45.0	69.64	7	15.93
75.0	148.20	6	23.61
140.0	290.41	10	25.42
270.0	415.54	9	46.59
450.0	923.09	10	53.77
750.0	736.21	8	32.34
1400.0	682.52	7	13.66
4500.0	672.00	8	51.41
7500.0	757.20	8	33.62



TC-02

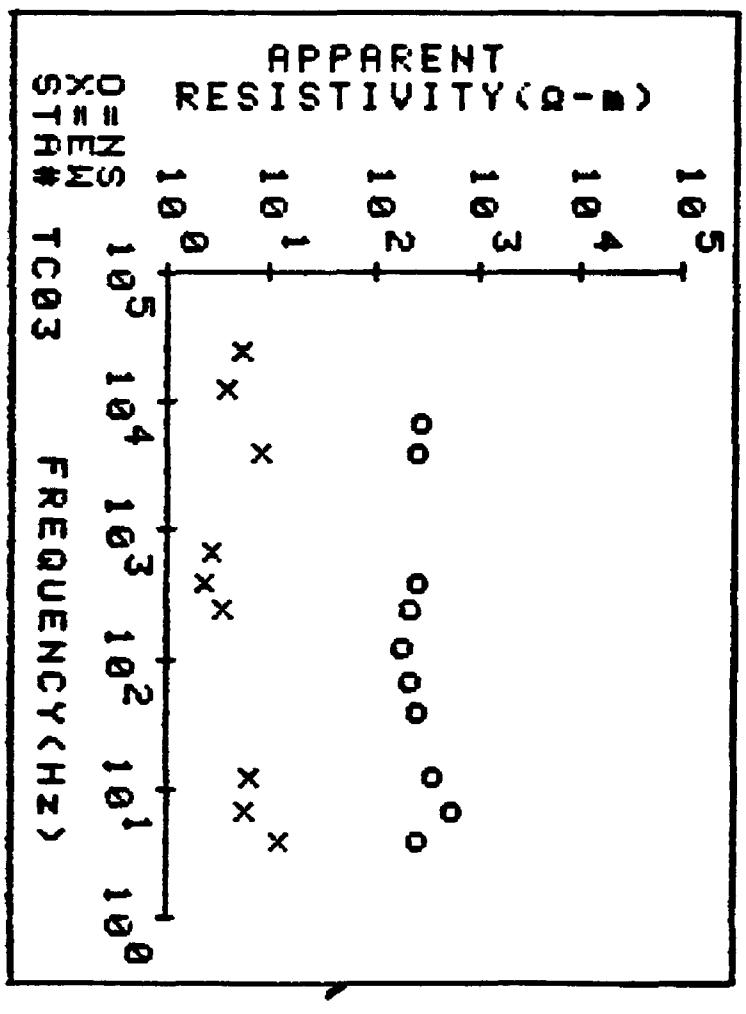
PROJECT=JACKSON HOLE 94

STA. ID_TC03 NS NO FREQ= 10

FREQ	AP-RES	N OBS	STD ERR
4.5	212.49	6	16.04
7.5	434.45	4	9.34
14.0	298.46	7	108.50
45.0	212.02	7	37.53
75.0	169.59	8	46.49
140.0	145.18	4	5.07
270.0	174.63	10	36.80
450.0	210.27	6	58.88
4500.0	207.96	4	31.70
7500.0	220.26	8	29.67

STA. ID_TC03 EW NO FREQ= 9

FREQ	AP-RES	N OBS	STD ERR
4.5	9.87	4	.19
7.5	4.57	5	.35
14.0	4.94	5	2.67
270.0	2.83	5	.04
450.0	1.79	6	.06
750.0	2.09	5	.27
4500.0	6.38	5	.10
14000.0	3.12	3	.06
27000.0	4.23	2	.09



TC-03

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STA-IDTC04AFILE NAME=TC04A

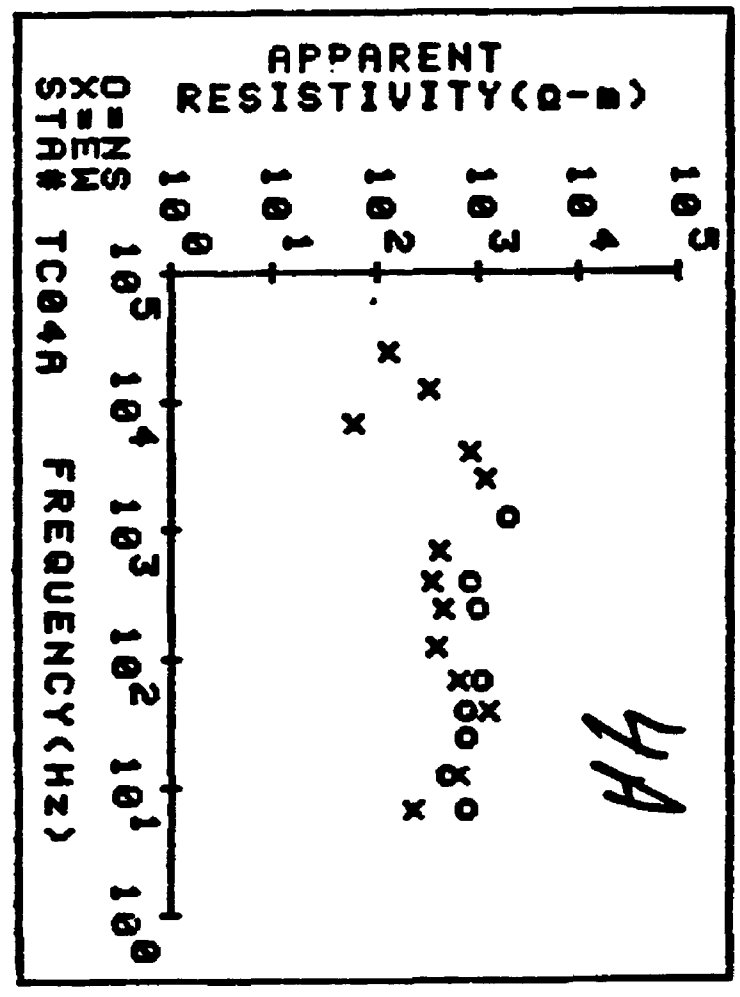
PROJECT=JACKSON HOLE 94

STA. ID_TC04A NS NO FREQ= 8

FREQ	AP-RES	N OBS	STD ERR
7.5	619.76	6	55.79
14.0	401.00	7	116.85
27.0	606.00	6	15.12
45.0	610.28	3	8.49
75.0	827.36	7	28.02
270.0	817.26	10	60.74
450.0	693.00	10	48.24
1400.0	1539.50	8	131.44

STA. ID_TC04A EW NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
7.5	187.16	5	10.61
14.0	517.01	5	100.17
45.0	1040.70	8	17.25
75.0	520.44	8	16.57
140.0	314.50	11	12.83
270.0	358.78	7	42.26
450.0	291.31	10	28.01
750.0	336.46	8	39.41
2700.0	908.45	7	91.69
4500.0	668.59	7	23.23
7500.0	47.22	6	1.49
14000.0	255.00	3	6.65
27000.0	108.75	4	29.09



TC-04

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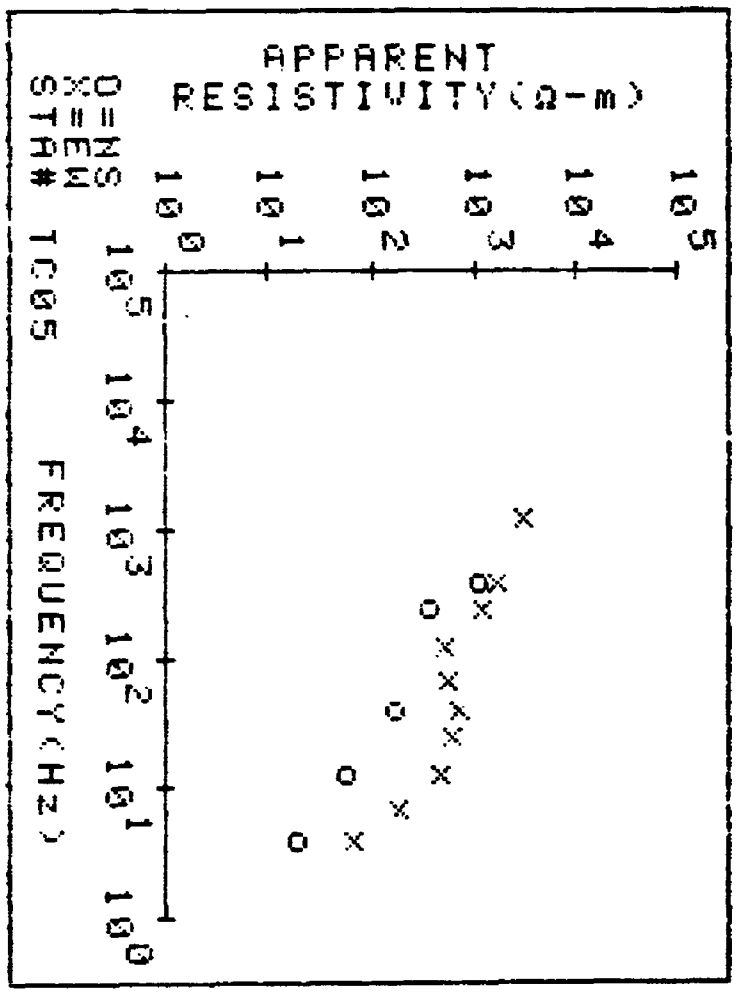
STA. ID_TC05 NS NO FREQ= 5

FREQ	AP-RES	N OBS	STD ERR
4.5	15.22	5	6.30
14.0	45.33	7	8.53
45.0	128.83	9	46.59
270.0	284.21	9	11.52
450 0	889.79	8	74.40

STA. ID_TC05 EW NO FREQ= 10

FREQ	AP-RES	N OBS	STD ERR
4 5	54.37	3	.89
7.5	142.67	7	32.88
14.0	357.62	9	46.31
27 0	465.41	8	39.25
45.0	547.54	7	79.31
75.0	445.06	4	200.25
140.0	415.64	8	57.44
270.0	966.16	9	65.73
450.0	1332.20	4	21.49
1400.0	2283.00	4	68.05



TC-05

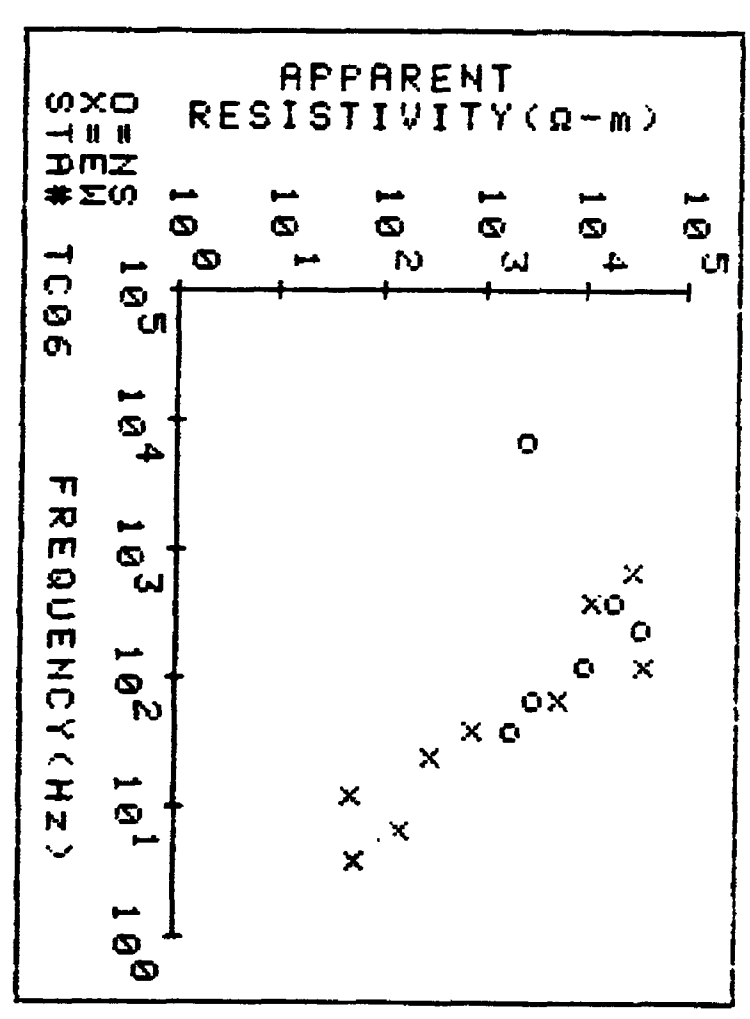
PROJECT=JACKSON HOLE 94

STA. ID_TC06 NS NO FREQ= 6

FREQ	AP-RES	N OBS	STD ERR
45.0	1459.20	4	50.19
75.0	2367.50	3	76.41
140.0	7612.80	6	3219.80
270.0	26599.00	7	11063.00
450.0	15485.00	6	3485.80
7500.0	2057.00	3	78.80

STA. ID_TC06 EW NO FREQ= 9

FREQ	AP-RES	N OBS	STD ERR
4.5	46.64	3	4.07
7.5	123.65	3	8.87
14.0	42.39	5	1.27
27.0	236.63	5	6.14
45.0	638.45	3	27.62
75.0	4260.60	6	55.58
140.0	29906.00	4	2986.50
450.0	8801.00	3	6936.70
750.0	23960.00	3	554.76



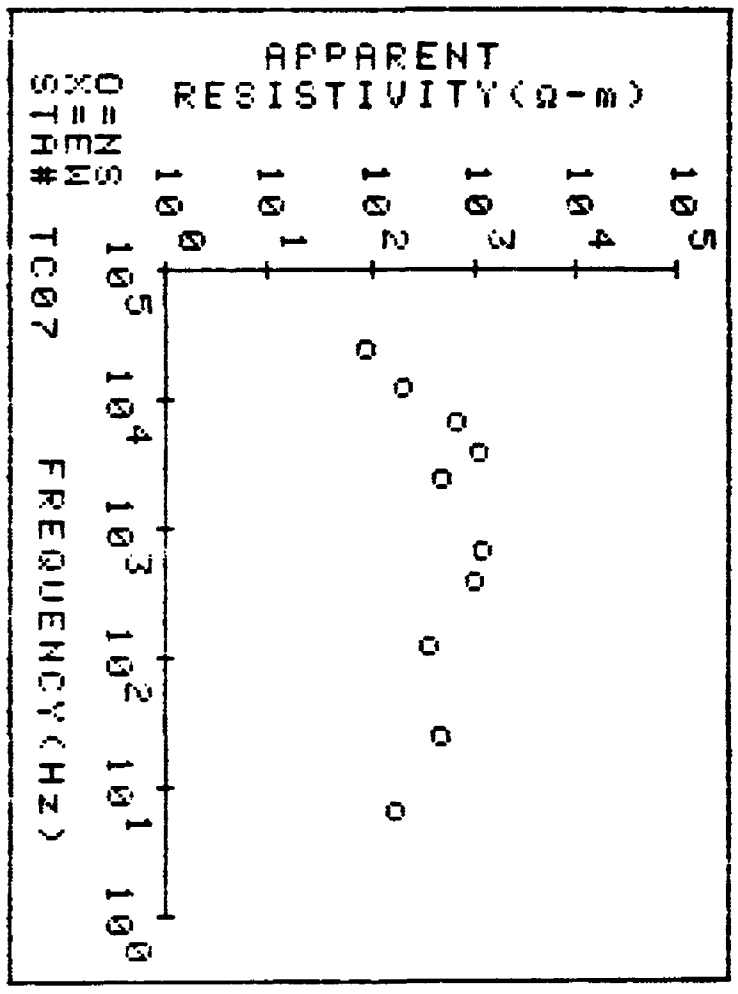
TC-06

PROJECT=JACKSON HOLE 94

STA. ID_TC07 NS NO FREQ= 10

FREQ	AP-RES	N OBS	STD ERR
7.5	136.53	4	5.20
27.0	356.38	6	80.70
140.0	297.02	4	4.66
450.0	793.98	8	201.19
750.0	961.57	7	121.85
2700.0	377.04	4	13.08
4500.0	889.67	3	31.48
7500.0	514.40	6	37.74
14000.0	155.56	3	6.20
27000.0	70.90	2	10.50

NO DATA E-W



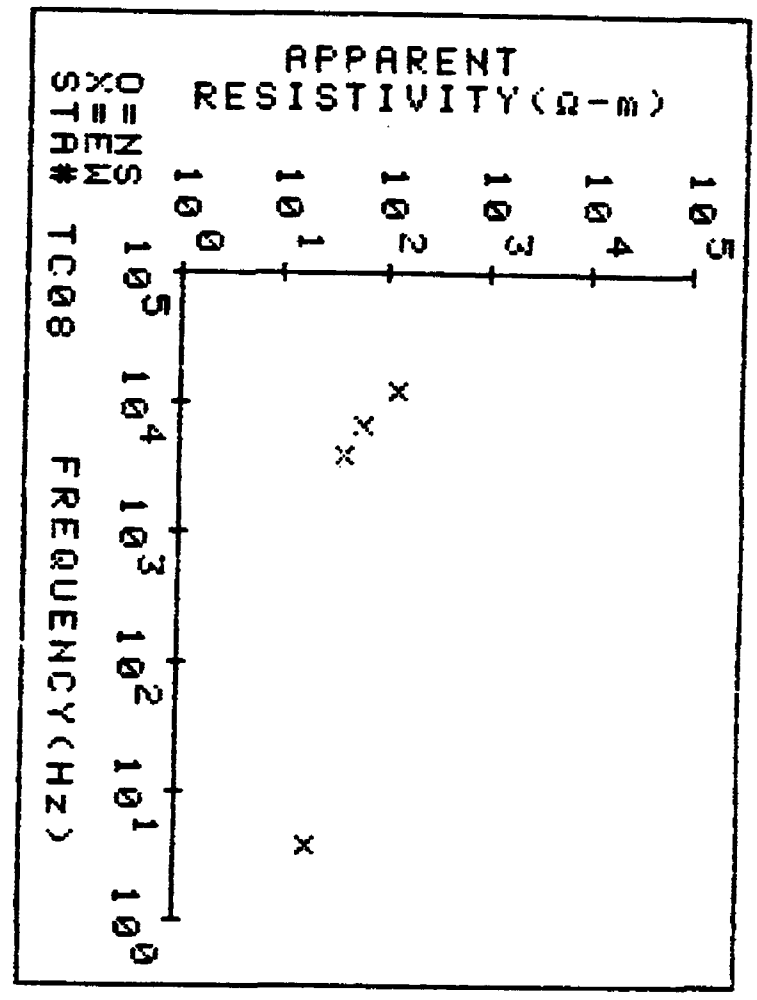
TC-07

PROJECT=JACKSON HOLE 94

NO DATA N-S

STA. ID_TC08 EW NO FREQ= 4

FREQ	AP-RES	N OBS	STD ERR
4.5	15.08	3	.63
4500.0	32.39	4	2.85
7500.0	49.28	2	16.87
14000.0	100.38	1	0.00



TC-08

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STA. ID_TC09 NS NO FREQ= 10

FREQ	AP-RES	N OBS	STD ERR
7.5	602.36	8	104.60
14.0	599.97	8	86.24
27.0	420.55	7	16.27
45.0	576.99	7	50.45
75.0	1007.90	8	94.56
140.0	948.42	8	498.90
270.0	811.97	7	237.49
750.0	1295.60	5	40.24
4500.0	781.82	8	99.04
14000.0	600.62	8	60.06

STA. ID_TC09 EW NO FREQ= 7

FREQ	AP-RES	N OBS	STD ERR
7.5	45.40	4	3.14
14.0	46.60	3	7.95
27.0	123.06	5	5.70
45.0	173.38	7	108.27
75.0	1429.30	7	18.44
750.0	4407.80	3	62.16
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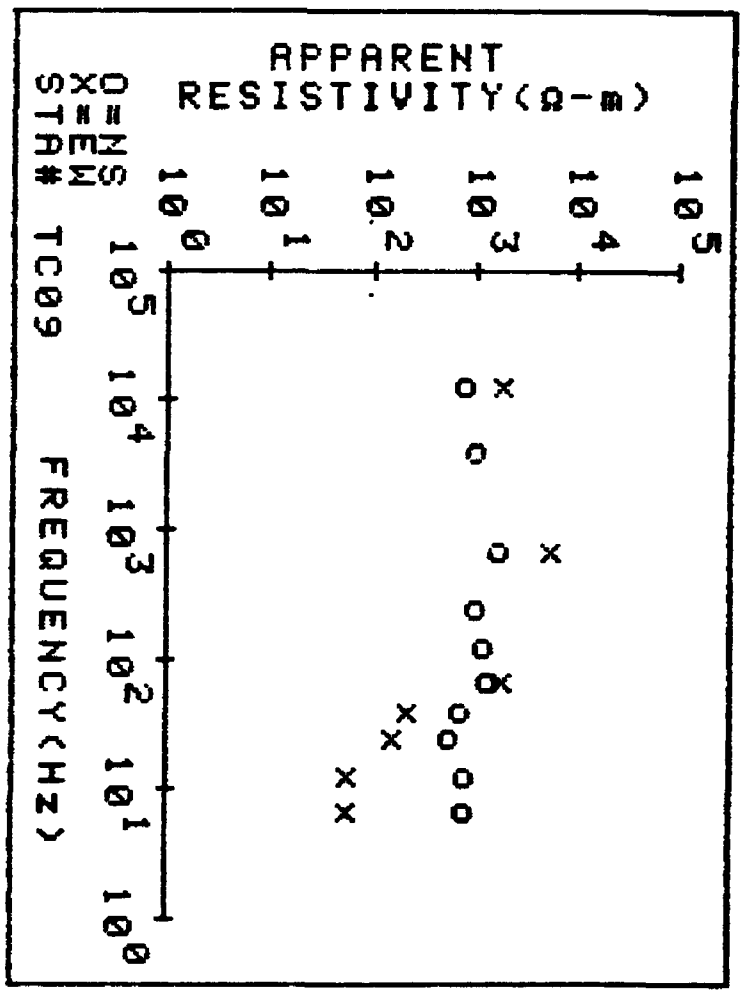

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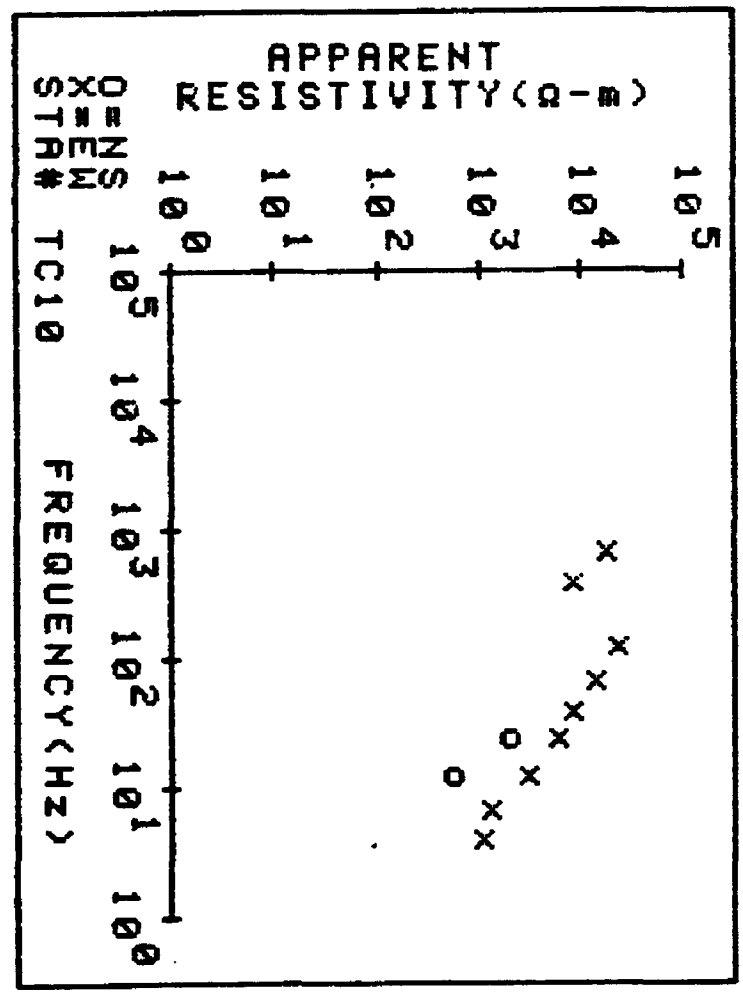
PROJECT=JACKSON HOLE 94

STA. ID_TC10 NS NO FREQ= 2

FREQ	AP-RES	N OBS	STD ERR
14.0	446.40	1	0.00
27.0	1587.40	2	1419.00

STA. ID_TC10 EW NO FREQ= 9

FREQ	AP-RES	N OBS	STD ERR
4.5	883.48	3	43.24
7.5	1006.50	3	233.58
14.0	2434.30	3	8.49
27.0	4468.70	4	117.74
45.0	6398.30	8	182.91
75.0	10437.00	8	362.92
140.0	17397.00	8	969.04
450.0	6375.10	7	91.97
750.0	14270.00	4	332.71



TC-10

PROJECT=JACKSON HOLE 94

STA. ID_TC11 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	141.78	3	2.42
7.5	163.86	6	10.03
14.0	106.92	7	10.17
27.0	259.54	8	35.38
45.0	228.77	8	36.83
75.0	540.35	6	23.36
140.0	333.55	6	35.74
270.0	283.65	8	19.16
450.0	336.05	8	31.63
750.0	465.37	9	65.26
1400.0	198.41	3	7.29
4500.0	335.09	3	108.54
7500.0	417.10	3	37.96
14000.0	114.33	3	3.38

STA. ID_TC11 EW NO FREQ= 10

FREQ	AP-RES	N OBS	STD ERR
7.5	20.41	5	2.85
14.0	37.26	6	.59
75.0	187.68	5	6.19
140.0	166.75	6	13.98
270.0	287.12	8	65.19
450.0	24.57	4	.65
750.0	83.86	6	15.79
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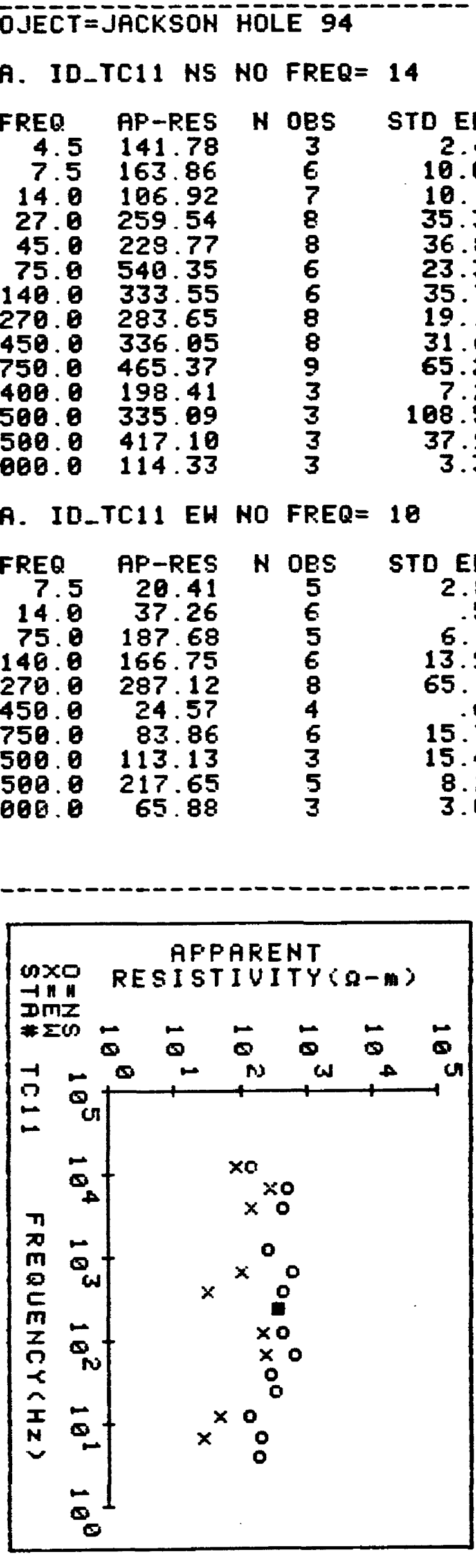
7500.0	217.65	5	8.23
14000.0	65.88	3	3.03



TC-11

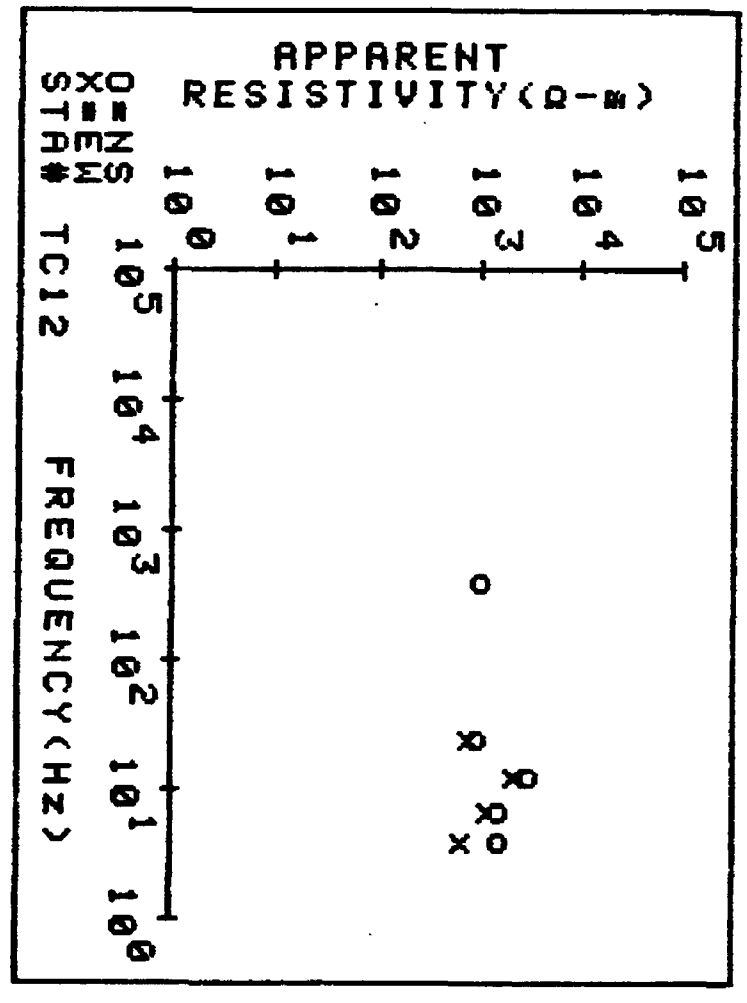
PROJECT=JACKSON HOLE 94

STA. ID_TC12 NS NO FREQ= 5

FREQ	AP-RES	N OBS	STD ERR
4.5	1178.90	6	443.80
7.5	1173.00	8	66.60
14.0	2363.50	7	70.90
27.0	744.10	3	39.20
450.0	810.00	4	41.80

STA. ID_TC12 EW NO FREQ= 4

FREQ	AP-RES	N OBS	STD ERR
4.5	524.50	6	39.80
7.5	922.00	7	63.70
14.0	1748.20	7	71.75
27.0	619.90	4	14.00



TC-12

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STA-IDTC13FILE NAME=TC13

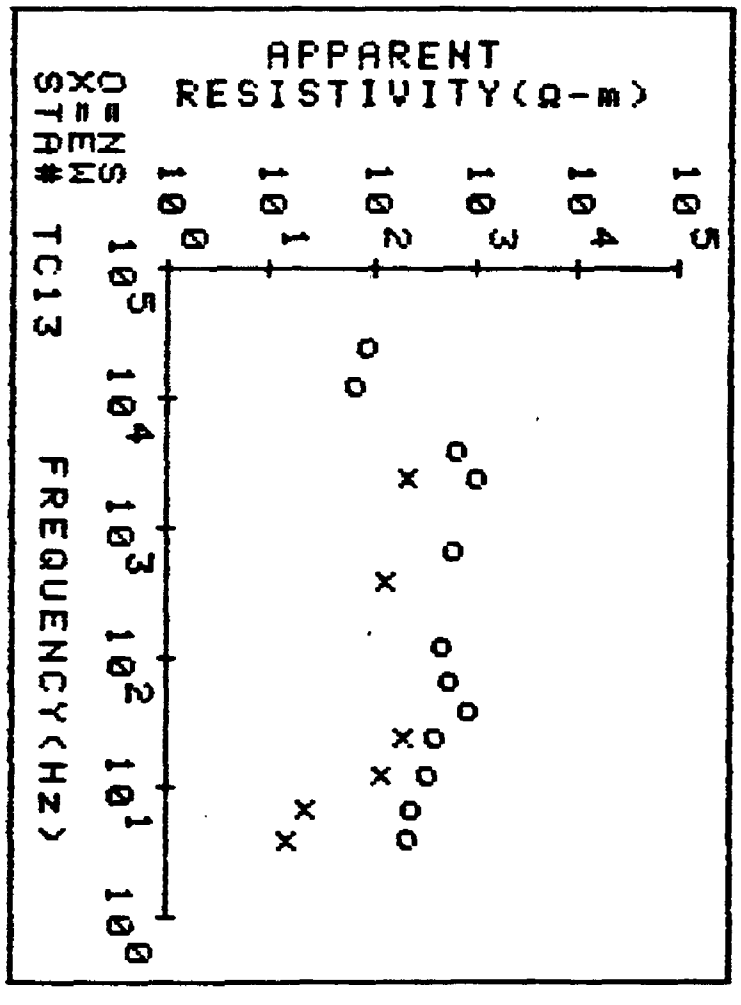
PROJECT=JACKSON HOLE 94

STA. ID_TC13 NS NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	173.98	4	14.83
7.5	191.65	6	23.38
14.0	261.53	6	38.54
27.0	317.09	9	60.64
45.0	675.06	6	141.43
75.0	440.28	10	94.36
140.0	360.76	9	29.16
750.0	489.33	7	36.31
2700.0	762.55	4	132.17
4500.0	507.31	7	53.99
14000.0	51.55	3	2.77
27000.0	66.59	1	0.00

STA. ID_TC13 EW NO FREQ= 6

FREQ	AP-RES	N OBS	STD ERR
4.5	11.69	4	.54
7.5	17.06	4	.63
14.0	92.07	5	1.64
27.0	154.87	5	3.37
450.0	105.31	3	5.10
2700.0	179.64	3	27.79

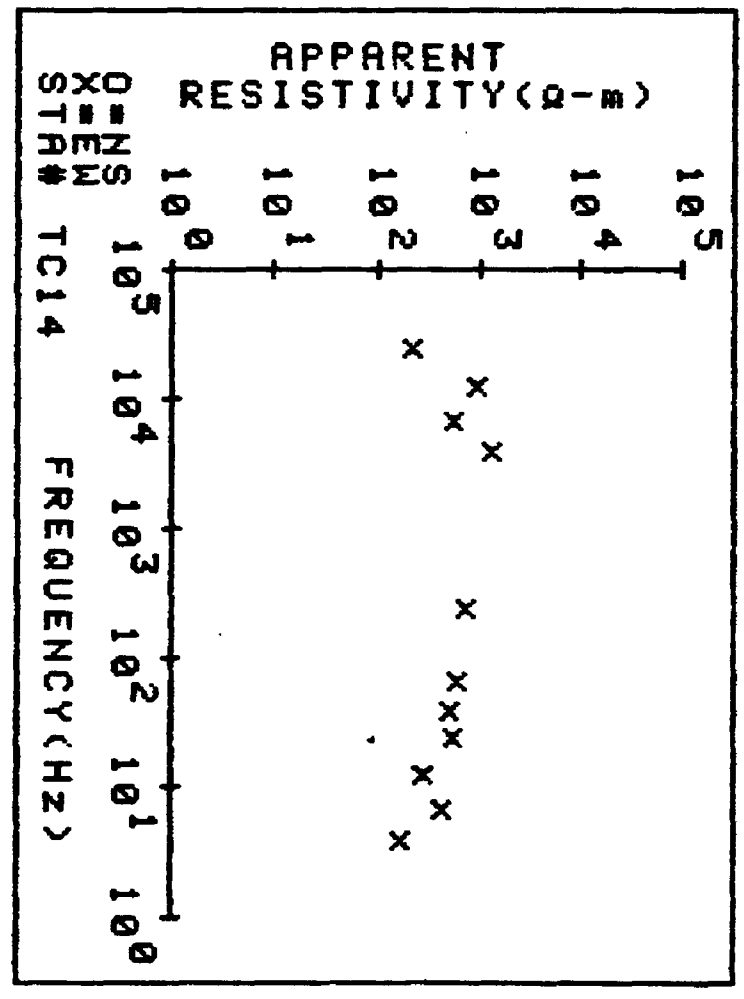


PROJECT=JACKSON HOLE 94

NO DATA N-S

STA. ID_TC14 EW NO FREQ= 11

FREQ	AP-RES	N OBS	STD ERR
4.5	137.94	3	69.55
7.5	342.89	7	49.40
14.0	222.94	7	43.05
27.0	426.40	8	84.14
45.0	403.93	6	40.37
75.0	475.41	5	193.11
270.0	579.68	7	87.51
4500.0	989.66	6	144.73
7500.0	440.15	7	29.45
14000.0	730.53	3	53.03
27000.0	172.67	3	40.69



TC-13

TC-14

PROJ= JACKSON HOLE 94
STA-IDTC15FILE NAME=TC15

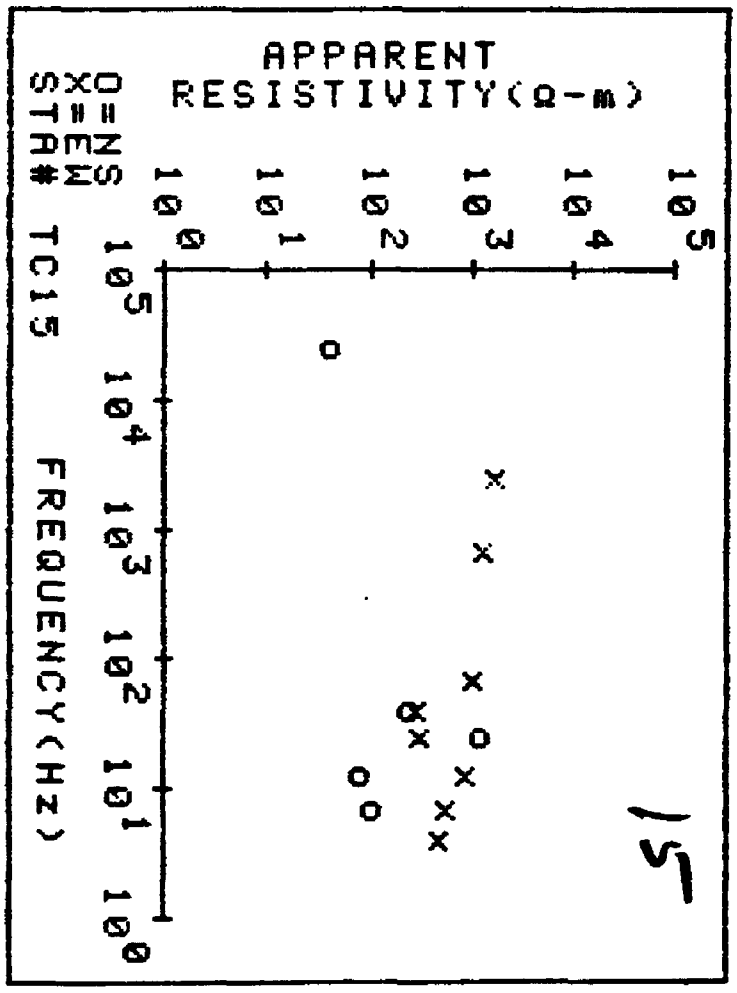
PROJECT=JACKSON HOLE 94

STA. ID_TC15 NS NO FREQ= 5

FREQ	AP-RES	N OBS	STD ERR
7.5	79.70	4	25.06
14.0	63.56	4	37.68
27.0	972.12	7	430.86
45.0	194.21	4	369.31
27000.0	32.92	2	10.97

STA. ID_TC15 EW NO FREQ= 8

FREQ	AP-RES	N OBS	STD ERR
4.5	370.14	7	97.23
7.5	445.91	5	70.78
14.0	669.20	8	162.50
27.0	241.35	9	66.43
45.0	216.32	9	372.60
75.0	817.03	9	1002.40
750.0	1005.90	6	221.59
2700.0	1301.70	2	424.05



PROJ= JACKSON HOLE 94
STA-IDTC16FILE NAME=TC16

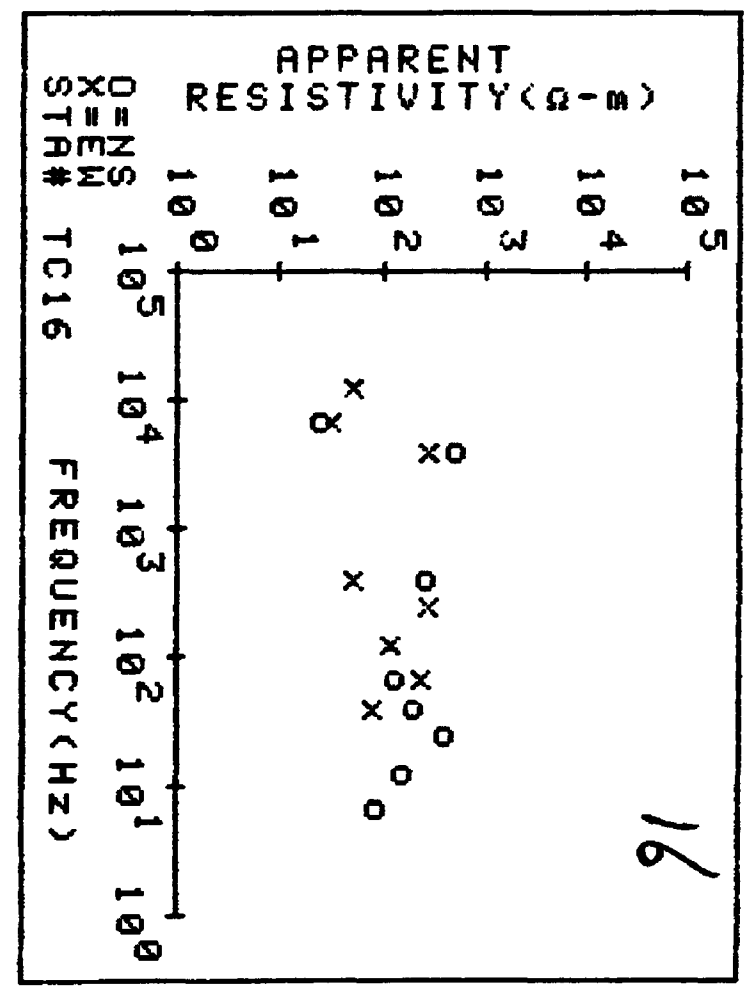
PROJECT=JACKSON HOLE 94

STA. ID_TC16 NS NO FREQ= 8

FREQ	AP-RES	N OBS	STD ERR
7.5	68.99	1	0.00
14.0	126.84	4	8.30
27.0	306.90	5	63.60
45.0	157.40	4	5.34
75.0	104.26	4	3.06
450.0	207.91	3	14.09
4500.0	396.39	6	97.24
7500.0	18.69	4	.59

STA. ID_TC16 EW NO FREQ= 8

FREQ	AP-RES	N OBS	STD ERR
45.0	63 47	3	1.06
75.0	186.03	3	6.37
140.0	96.63	3	5.72
270.0	230.74	3	5.21
450.0	41.09	3	.32
4500.0	214.41	4	7.48
7500.0	25.05	5	.80
14000.0	40.87	3	1.99



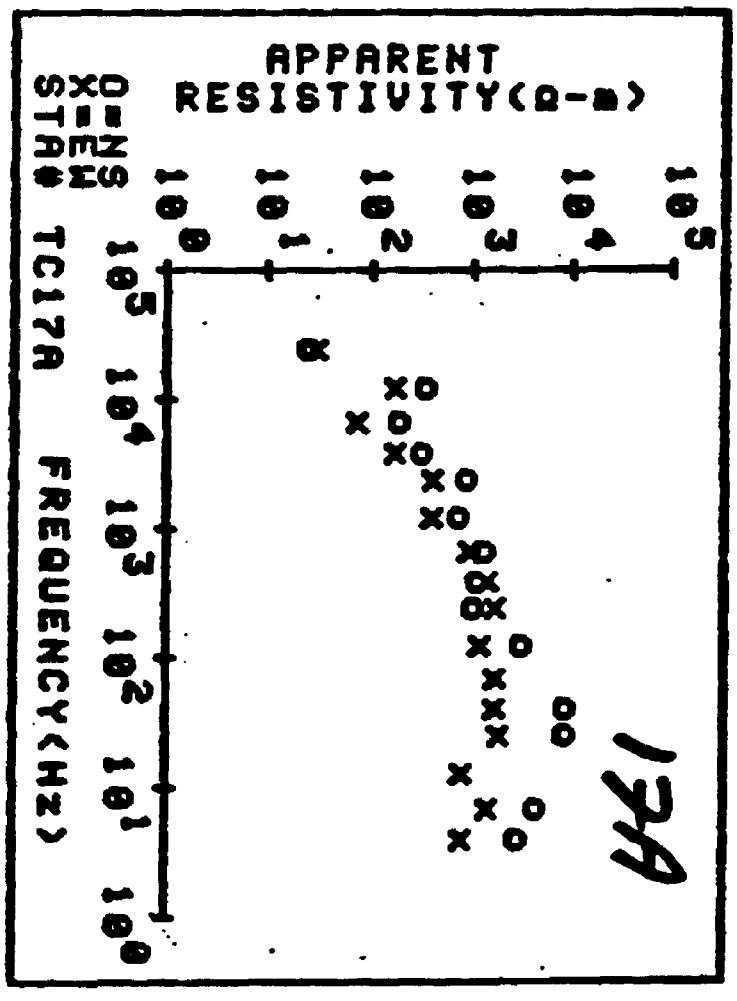
PROJECT=JACKSON HOLE 94

STA. ID_TC17A NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	2101.30	4	744.51
7.5	3198.70	7	1443.20
27.0	6786.60	19	1053.30
45.0	6664.70	15	807.25
140.0	2444.60	20	421.15
270.0	805.00	23	104.08
450.0	877.42	23	114.81
750.0	978.58	23	120.36
1400.0	582.57	12	190.60
2700.0	682.65	19	102.21
4500.0	243.55	22	48.90
7500.0	146.86	18	31.69
14000.0	273.56	15	91.05
27000.0	10.71	23	5.02

STA. ID_TC17A EW NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	589.31	5	406.29
7.5	1087.00	8	320.59
14.0	607.11	12	451.32
27.0	1407.00	20	229.60
45.0	1362.40	18	347.55
75.0	1339.30	24	122.91
140.0	950.25	23	123.68
270.0	1274.70	24	55.84
450.0	1065.50	21	45.64
750.0	740.88	18	18.86
1400.0	311.93	22	18.58
2700.0	313.06	24	26.89
4500.0	131.05	19	38.51
7500.0	58.33	11	26.96
14000.0	133.20	5	31.42
27000.0	22.71	20	2.35



17A

PROJECT=JACKSON HOLE 94

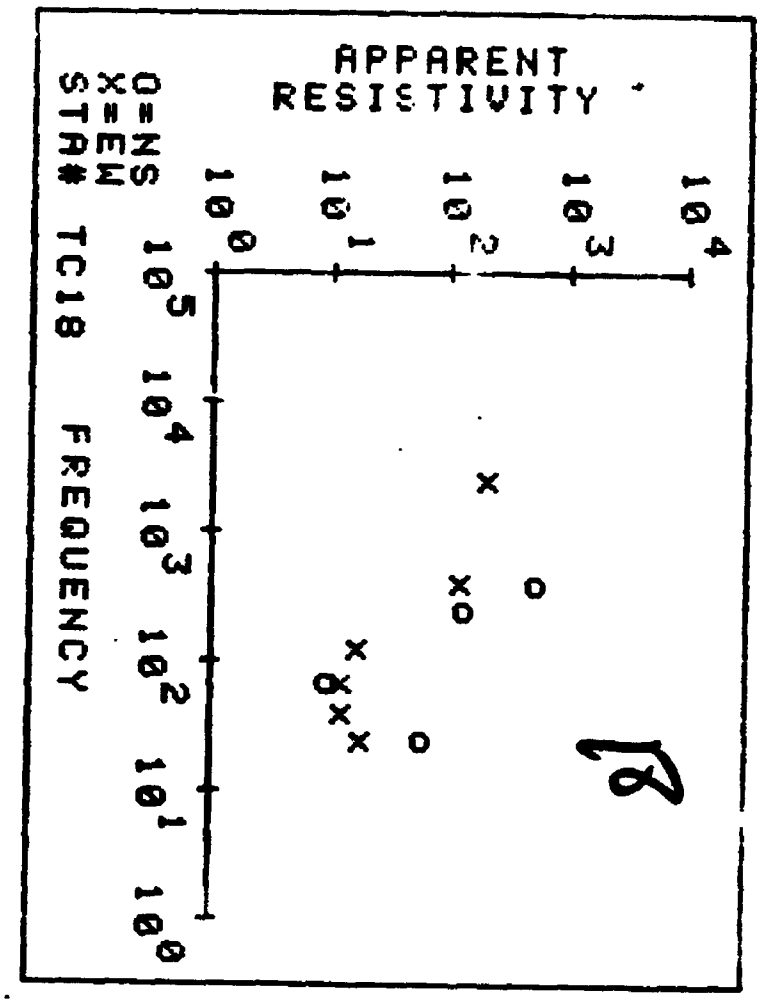
STA. ID_TC18 NS NO FREQ= 4

FREQ	AP-RES	N OBS	STD ERR
27.0	46.28	6	9.38
75.0	7.93	3	.05
270.0	104.78	3	3.20
450.0	410.78	6	173.25

STA. ID_TC18 EW NO FREQ= 6

FREQ	AP-RES	N OBS	STD ERR
27.0	14.50	3	3.89
45.0	10.48	3	.19
75.0	10.11	3	.11
140.0	13.33	3	.28
450.0	100.11	3	4.01
2700.0	158.48	3	1.27

PROJ= JACKSON HOLE 94



18

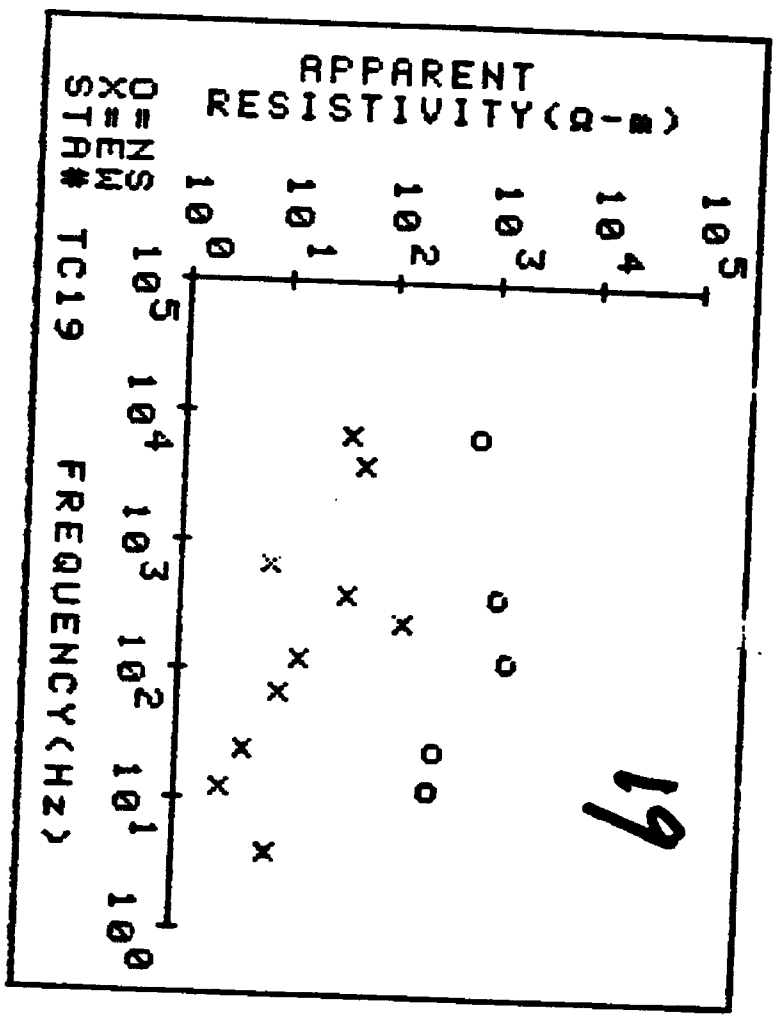
PROJECT=JACKSON HOLE 94

STA. ID_TC19 NS NO FREQ= 5

FREQ	AP-RES	N OBS	STD ERR
14.0	228.00	3	15.97
27.0	250.43	4	13.36
140.0	1251.50	3	617.35
450.0	924.57	5	204.80
7500.0	582.00	3	17.69

STA. ID_TC19 EW NO FREQ= 10

FREQ	AP-RES	N OBS	STD ERR
4.5	6.68	3	.98
14.0	2.24	4	.16
27.0	3.63	5	.10
75.0	7.38	3	.16
140.0	11.77	4	.53
270.0	111.71	4	8.28
450.0	31.64	4	2.68
750 0	5.87	3	1.76
4500.0	43.63	4	4.21
7500.0	30.75	4	2.04



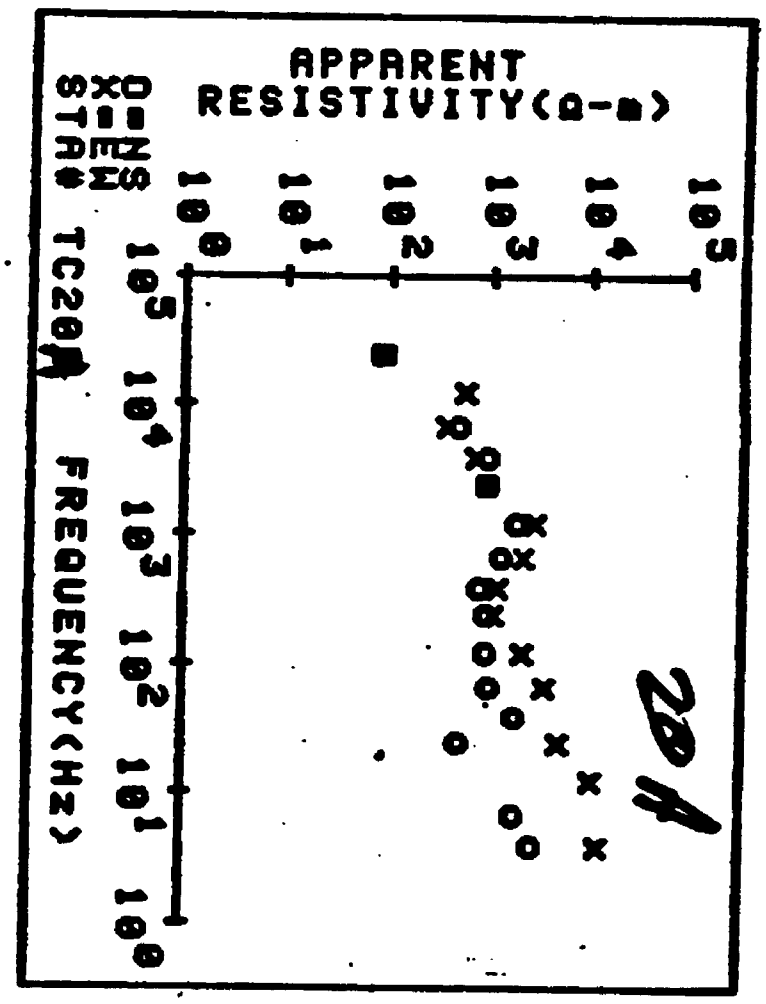
PROJECT=JACKSON HOLE 94

STA. ID_TC20# NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	2262.20	11	1012.70
7.5	1422.10	5	337.85
27.0	419.04	14	238.18
45.0	1473.00	17	340.33
75.0	811.51	22	102.07
140.0	748.79	21	83.44
270.0	702.25	23	58.40
450.0	622.49	23	57.54
750.0	1031.80	18	73.35
1400.0	1443.00	23	62.96
2700.0	719.67	17	96.84
4500.0	698.57	21	47.17
7500.0	374.11	23	40.62
27000.0	65.65	21	6.65

STA. ID_TC20# EW NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	9836.00	9	5961.90
14.0	8364.20	13	1999.20
27.0	4077.80	21	1279.60
75.0	2874.00	23	385.96
140.0	1702.00	24	208.40
270.0	833.61	23	49.61
450.0	923.64	23	46.24
750.0	1674.50	21	323.84
1400.0	2109.50	21	279.09
2700.0	710.09	22	38.73
4500.0	575.74	21	76.17
7500.0	288.52	21	46.10
14000.0	421.06	13	48.99
27000.0	67.08	11	13.17

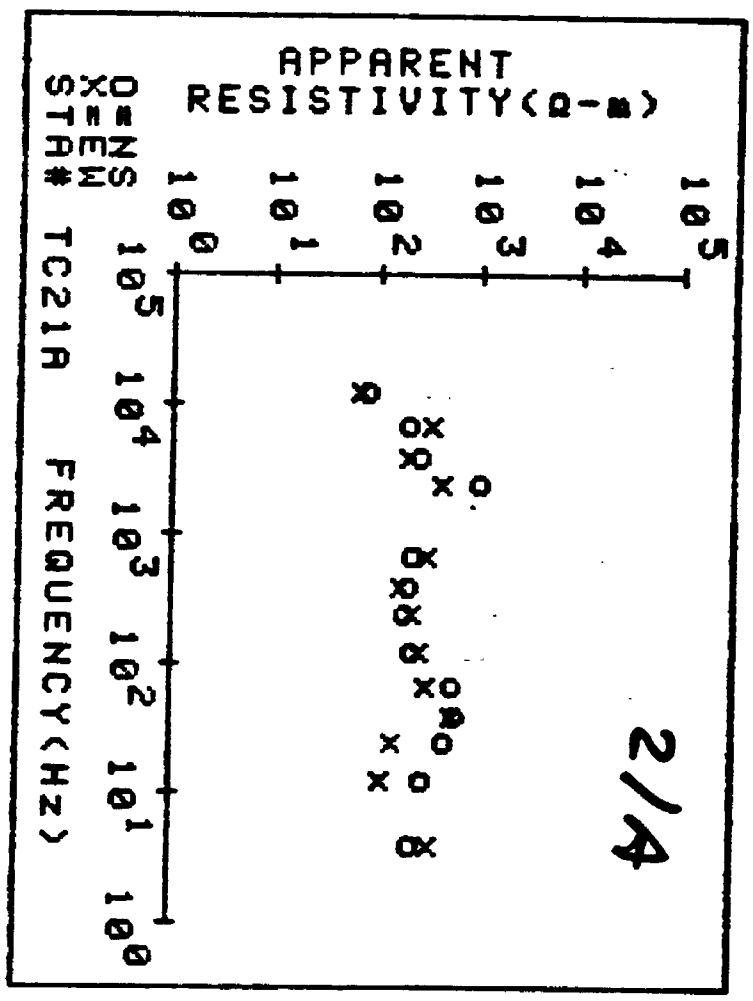


STA. ID_TC21A NS NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	174.20	5	260.44
14.0	221.27	8	54.42
27.0	374.78	19	53.67
45.0	458.45	16	53.50
75.0	453.13	21	33.78
140.0	167.40	10	37.54
270.0	148.08	21	13.24
450.0	159.09	13	44.95
750.0	177.72	16	26.69
2700.0	799.88	18	91.30
4500.0	202.70	23	9.17
7500.0	155.26	21	24.75
14000.0	64.63	7	14.25

STA. ID_TC21A EW NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	258.55	10	315.44
14.0	84.60	18	21.72
27.0	108.86	20	39.30
45.0	445.25	14	44.52
75.0	240.67	21	37.10
140.0	201.93	19	30.62
270.0	177.33	23	22.98
450.0	133.86	11	26.21
750.0	235.26	10	25.54
2700.0	327.03	21	39.17
4500.0	156.66	19	10.94
7500.0	269.46	23	9.83
14000.0	51.44	6	25.51



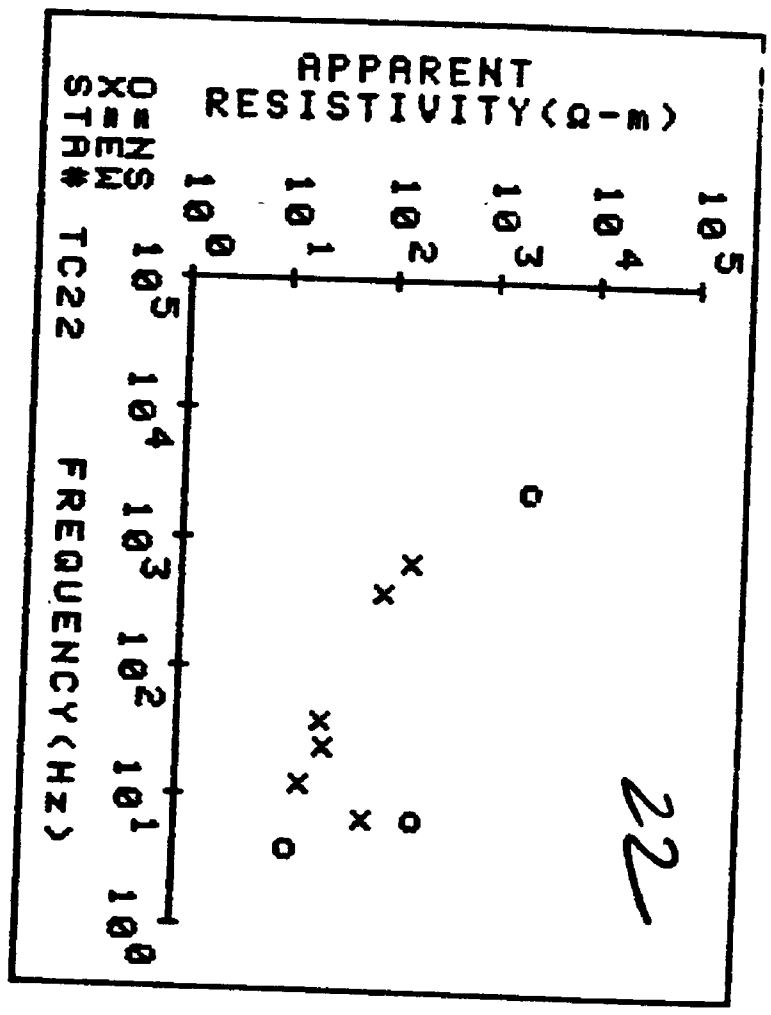
PROJECT=JACKSON HOLE 94

STA. ID_TC22 NS NO FREQ= 3

FREQ	AP-RES	N OBS	STD ERR
4.5	9.85	5	.57
7.5	153.14	5	7.17
2700.0	1903.30	3	161.45

STA. ID_TC22 EW NO FREQ= 6

FREQ	AP-RES	N OBS	STD ERR
7.5	51.25	4	1.12
14.0	12.78	4	.70
27.0	20.38	3	2.85
45.0	18.54	3	3.52
450.0	75.15	3	9.41
750.0	137.69	5	17.41



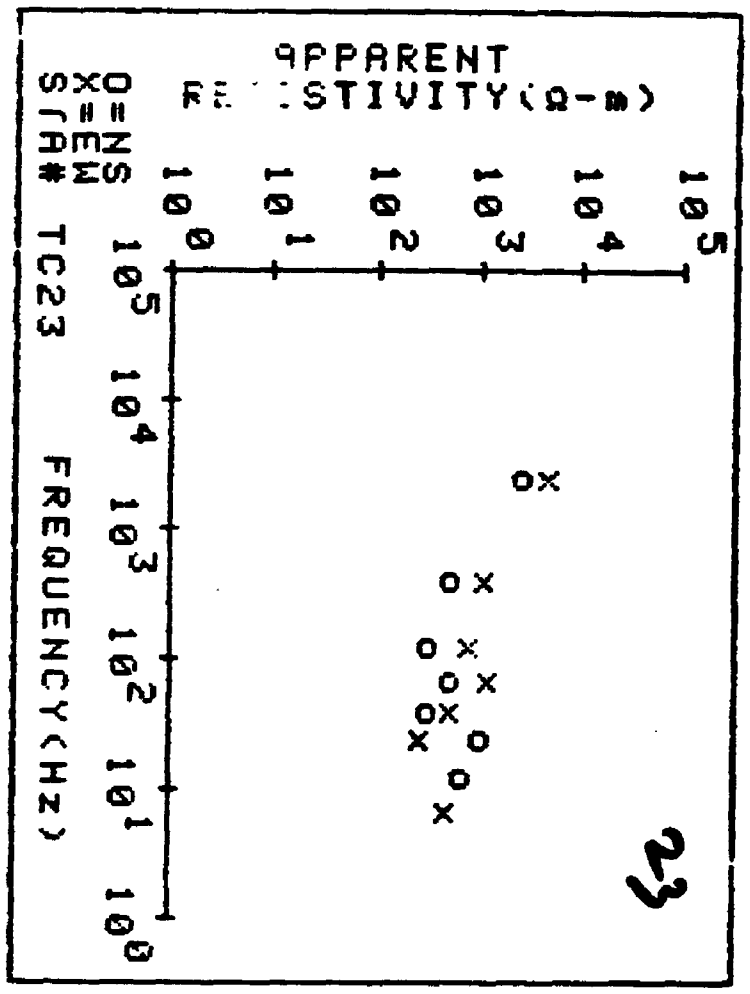
PROJECT=JACKSON HOLE 94

STA. ID_TC23 NS NO FREQ= 7

FREQ	AP-RES	N OBS	STD ERR
14.0	518.56	4	19.07
27.0	804.27	6	111.65
45.0	233.32	4	22.32
75.0	416.57	6	1.63
140.0	233.72	4	5.40
450.0	397.51	5	6.02
2700.0	1985.90	3	178.73

STA. ID_TC23 EW NO FREQ= 7

FREQ	AP-RES	N OBS	STD ERR
7.5	359.62	1	0.00
27.0	209.61	3	5.26
45.0	396.53	4	20.40
75.0	971.97	4	16.67
140.0	620.46	6	23.91
450.0	849.80	7	37.16
2700.0	3483.50	4	94.15



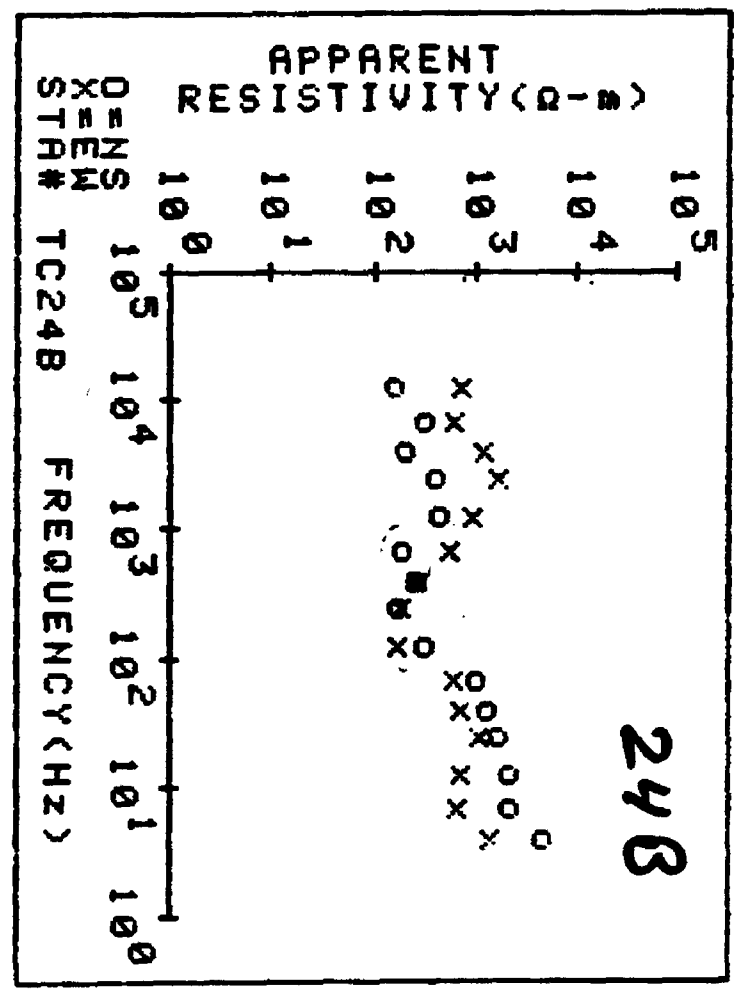
PROJECT=JACKSON HOLE 94

STA. ID_TC24B NS NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	3517.80	10	640.43
7.5	1695.10	15	788.14
14.0	1749.60	17	267.16
27.0	1272.90	19	214.15
45.0	996.08	21	95.06
75.0	789.15	23	40.48
140.0	234.94	23	18.61
270.0	133.76	23	8.09
450.0	213.42	16	15.74
750.0	140.70	20	8.03
1400.0	333.89	22	66.90
2700.0	325.40	8	63.08
4500.0	156.52	19	15.65
7500.0	241.56	21	24.16
14000.0	118.75	8	12.58

STA. ID_TC24B EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	1084.40	6	334.18
7.5	507.03	9	104.79
14.0	544.58	13	226.82
27.0	865.10	21	231.29
45.0	542.57	23	53.25
75.0	456.90	21	41.31
140.0	130.14	24	12.11
270.0	150.36	22	26.26
450.0	198.42	21	9.00
750.0	437.67	21	22.41
1400.0	719.06	23	101.08
2700.0	1348.70	7	489.78
4500.0	966.85	23	109.03
7500.0	473.69	23	74.19
14000.0	559.11	14	77.04



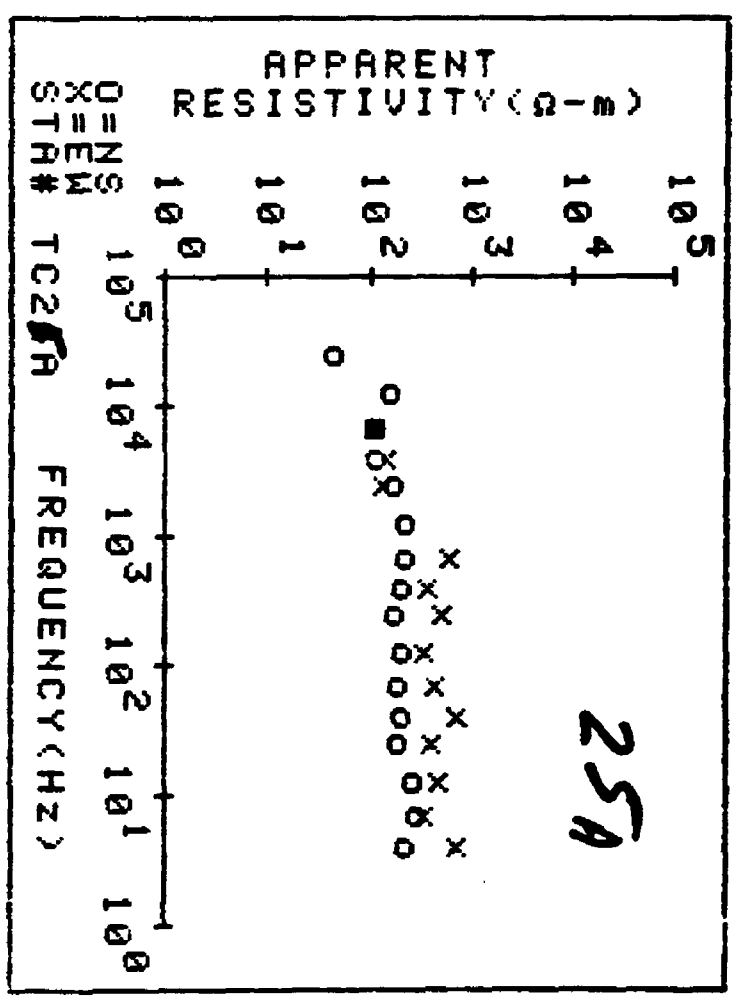
PROJECT=JACKSON HOLE '94

STA. ID_TC25H NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	176.44	8	43.16
7.5	216.95	10	34.74
14.0	210.09	22	21.45
27.0	147.35	22	16.80
45.0	163.22	21	16.44
75.0	145.59	18	9.13
140.0	161.54	20	9.83
270.0	138.62	22	10.56
450.0	160.85	22	5.06
750.0	166.50	22	7.26
1400.0	173.38	20	37.21
2700.0	138.51	19	8.49
4500.0	86.13	23	10.66
7500.0	85.64	14	9.38
14000.0	121.76	15	12.37
27000.0	36.27	18	5.04

STA. ID_TC25H EW NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	557.28	8	108.99
7.5	272.73	8	43.78
14.0	372.95	11	70.99
27.0	306.55	17	37.78
45.0	578.42	15	111.97
75.0	339.18	16	55.04
140.0	275.10	11	27.49
270.0	392.40	17	39.17
450.0	276.85	15	24.61
750.0	457.99	12	109.51
2700.0	104.15	21	5.63
4500.0	113.99	23	16.22
7500.0	84.84	20	9.99

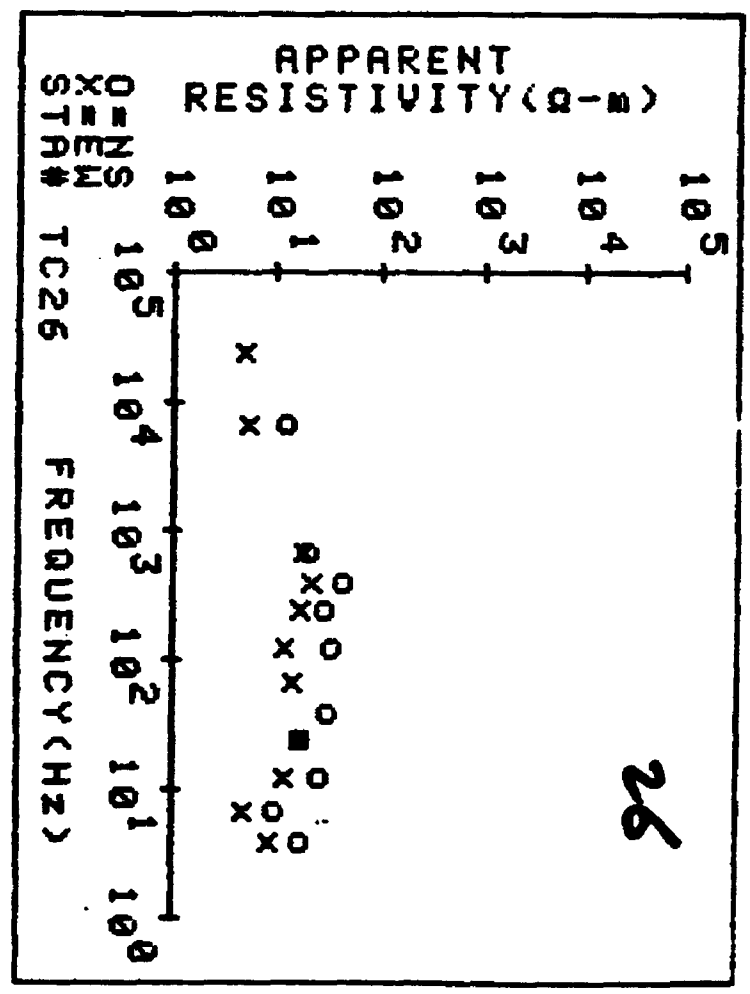


STA. ID_TC26 NS NO FREQ= 10

FREQ	AP-RES	N OBS	STD ERR
4.5	13.28	2	.34
7.5	7.64	4	.36
14.0	20.54	7	2.68
27.0	14.29	8	1.42
45.0	23.96	8	3.24
140.0	26.63	8	8.27
270.0	23.71	10	3.58
450.0	35.96	6	2.28
750.0	15.68	7	1.67
7500.0	9.45	6	.43

STA. ID_TC26 EW NO FREQ= 11

FREQ	AP-RES	N OBS	STD ERR
4.5	7.04	5	.43
7.5	3.83	7	.59
14.0	9.71	7	1.39
27.0	13.86	6	9.08
75.0	11.38	8	.27
140.0	9.73	7	1.09
270.0	13.69	8	1.18
450.0	17.74	8	2.27
750.0	14.85	7	1.50
7500.0	4.22	5	1.04
27000.0	3.84	3	.19



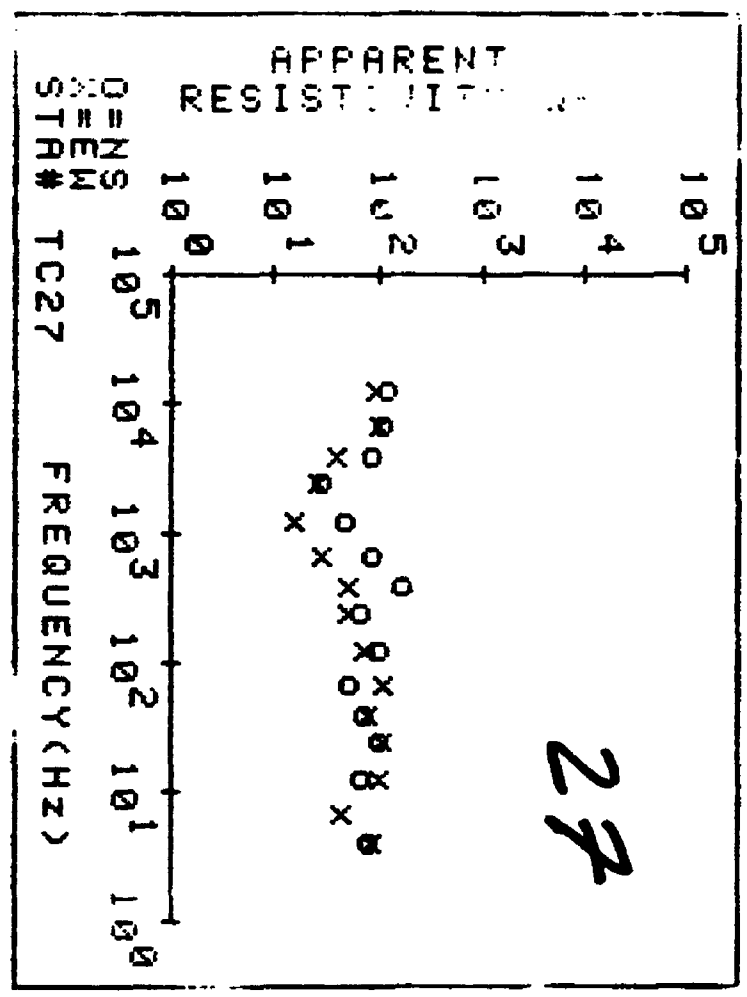
PROJECT=JACKSON HOLE 94

STA. ID_TC27 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	63.42	3	4.39
14.0	52.32	7	5.35
27.0	82.98	6	[illegible]
45.0	57.08	6	10.[illegible]
75.0	42.18	6	6.75
140.0	77.91	9	6.80
270.0	55.04	9	9.15
450.0	135.39	7	23.13
750.0	69.42	9	7.37
1400.0	38.29	7	8.39
2700.0	23.78	4	7.65
4500.0	69.93	10	6.12
7500.0	91.27	9	3.45
14000.0	99.16	3	2.26

STA. ID_TC27 EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	67.67	3	.72
7.5	34.79	8	6.02
14.0	79.23	5	29.73
27.0	89.54	7	12.18
45.0	65.28	9	5.70
75.0	87.27	9	7.99
140.0	58.25	8	5.66
270.0	42.15	8	3.31
450.0	40.77	6	4.10
750.0	22.53	7	1.42
1400.0	12.78	5	2.01
2700.0	20.73	3	1.18
4500.0	31.34	6	4.03
7500.0	83.55	6	3.10
14000.0	75.73	3	.53



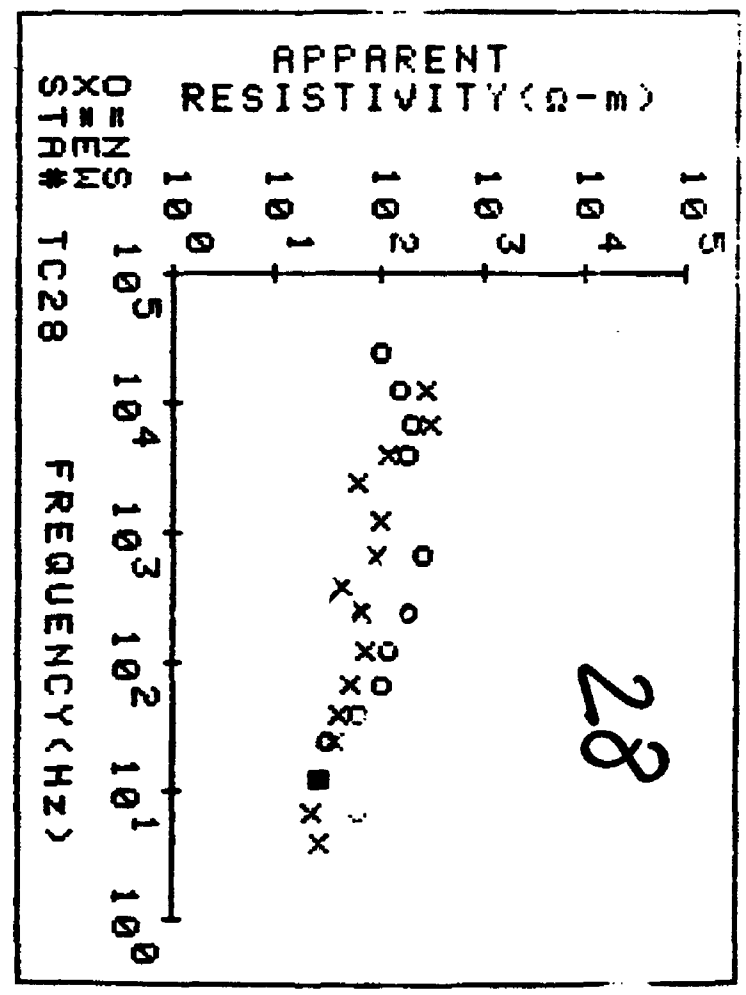
PROJECT=JACKSON HOLE 94

STA. ID_TC28 NS NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
7.5	50.82	6	5.14
14.0	20.36	8	1.70
27.0	25.59	9	2.95
45.0	48.48	9	8.53
75.0	80.95	7	16.58
140.0	98.74	10	7.24
270.0	150.30	6	11.91
750.0	204.10	8	31.63
4500.0	150.56	5	15.69
7500.0	153.72	10	12.07
14000.0	128.29	3	37.30
27000.0	81.48	3	31.55

STA. ID_TC28 EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	20.21	2	2.79
7.5	17.84	8	1.66
14.0	21.03	7	2.36
27.0	29.34	10	2.71
45.0	31.99	8	4.85
75.0	40.58	8	.85
140.0	58.89	10	4.51
270.0	54.52	8	1.32
450.0	35.99	4	11.85
750.0	72.30	10	6.91
1400.0	81.19	3	1.01
2700.0	49.73	3	.77
4500.0	95.07	10	7.05
7500.0	238.59	[illegible]	9.37
14000.0	218.86	[illegible]	[illegible]



PROJECT=JACKSON HOLE 94

STA. ID_TC29 NS NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	12.93	3	.64
7.5	18.11	4	12.48
14.0	13.17	6	.99
27.0	11.55	6	1.83
45.0	22.22	9	1.96
75.0	32.83	9	3.05
140.0	33.88	9	3.48
270.0	39.12	10	2.74
450.0	50.83	9	6.04
750.0	76.43	8	6.80
1400.0	108.92	2	.05
2700.0	53.16	3	6.88
4500.0	75.08	4	11.06
7500.0	199.95	7	7.83
27000.0	47.08	3	3.26

STA. ID_TC29 EW NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	11.49	5	8.70
7.5	11.35	3	1.12
14.0	15.51	7	2.26
27.0	20.65	8	2.02
45.0	17.02	8	1.64
75.0	14.35	10	1.61
140.0	26.58	10	1.51
270.0	31.52	9	2.26
450.0	37.34	10	5.93
750.0	31.66	10	3.25
4500.0	86.88	9	6.02
7500.0	127.99	7	10.87
27000.0	114.32	1	0.00

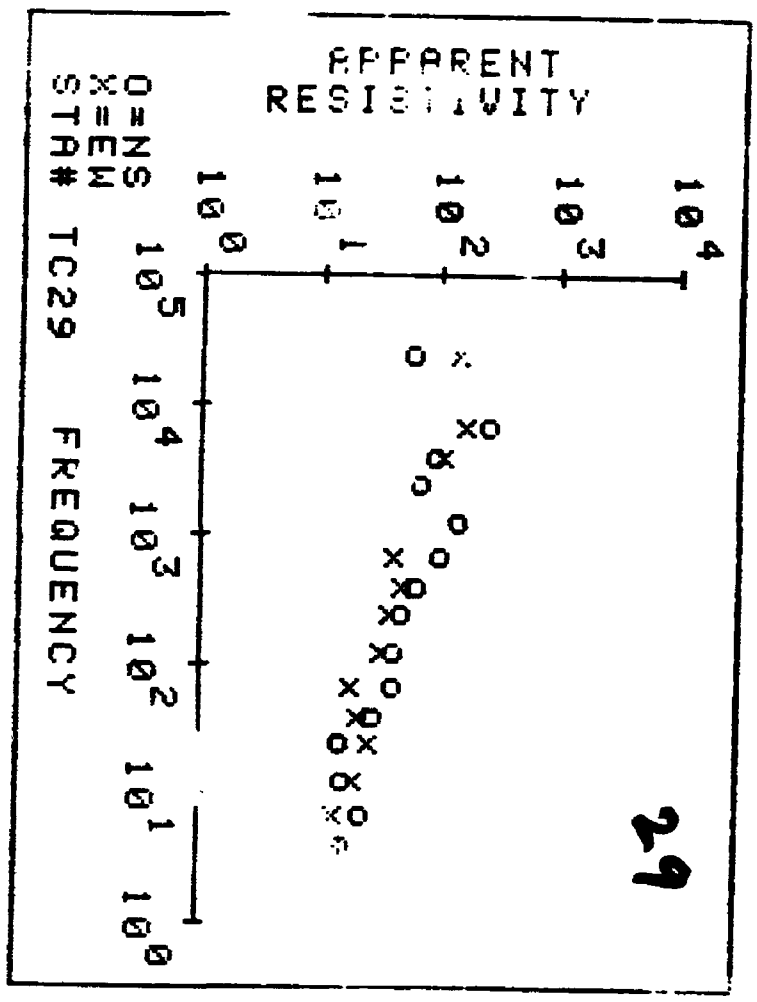
PROJECT=JACKSON HOLE 94

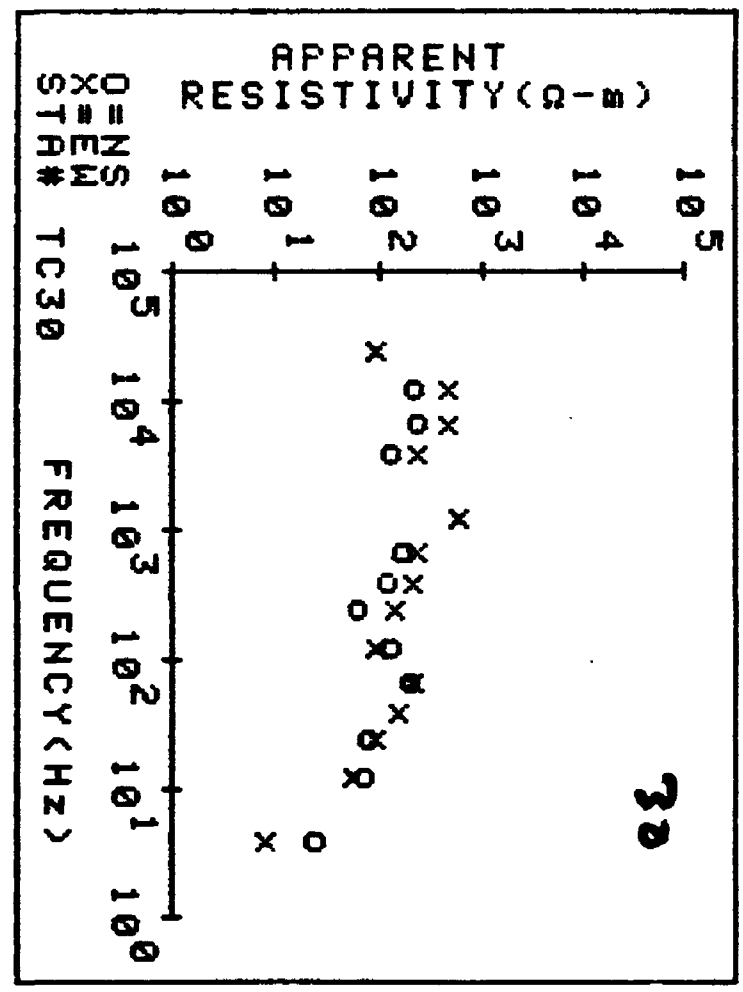
STA. ID_TC30 NS NO FREQ= 11

FREQ	AP-RES	N OBS	STD ERR
4.5	20.01	2	9.78
14.0	58.38	6	7.07
27.0	61.97	7	5.21
75.0	157.25	5	37.05
140.0	103.07	8	13.91
270.0	48.26	3	4.46
450.0	95.81	8	26.35
750.0	129.17	8	15.22
4500.0	103.78	6	13.60
7500.0	188.76	8	31.12
14000.0	173.03	3	35.06

STA. ID_TC30 EW NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	6.19	2	.46
14.0	44.70	8	5.72
27.0	72.84	8	29.91
45.0	123.36	7	17.17
75.0	175.43	7	36.32
140.0	77.62	8	8.04
270.0	117.00	8	13.26
450.0	172.79	5	13.66
750.0	191.49	8	20.63
1400.0	472.47	1	0.00
4500.0	187.10	6	21.50
7500.0	377.06	4	9.67
14000.0	360.00	4	20.41
27000.0	76.28	1	0.00





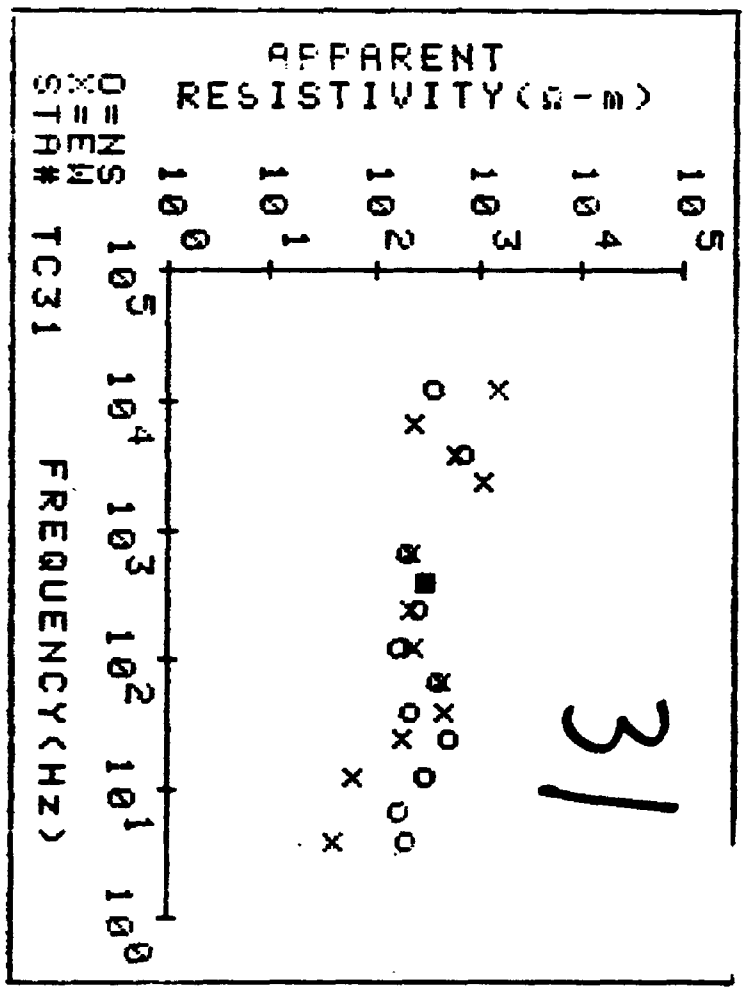
PROJECT=JACKSON HOLE 94

STA. ID_TC31 NS NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	158.43	1	0.00
7.5	133.23	3	5.88
14.0	241.55	3	12.64
27.0	413.76	7	56.67
45.0	174.62	5	61.18
75.0	304.94	7	73.89
140.0	133.79	7	17.12
270.0	213.38	9	13.87
450.0	251.20	8	17.58
750.0	155.79	6	13.66
4500.0	560.23	8	29.26
14000.0	295.72	3	15.92

STA. ID_TC31 EW NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	32.18	2	1.30
14.0	49.05	5	1.85
27.0	143.39	6	33.97
45.0	372.09	5	10.91
75.0	333.41	9	71.03
140.0	190.99		20.91
270.0	173.79	8	11.01
450.0	242.72	8	25.14
750.0	171.30	8	32.19
2700.0	847.83	3	203.39
4500.0	475.40	8	44.49
7500.0	193.51	6	25
14000.0	1254 60	3	20



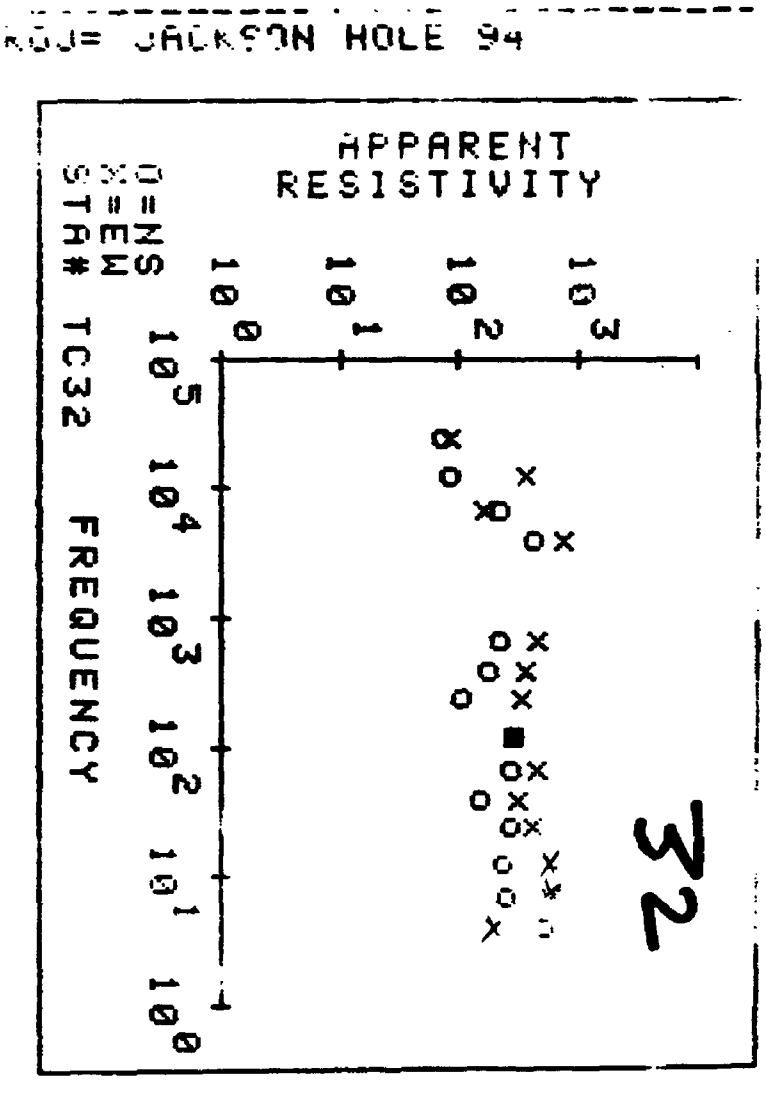
PROJECT=JACKSON HOLE 94

STA. ID_TC32 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	423.62	5	36.47
7.5	199.20	5	14.70
14.0	189.73	8	7.45
27.0	209.00	5	42.78
45.0	119.60	4	3.28
75.0	215.11	3	14.51
140.0	229.30	4	17.87
270.0	86.60	8	5.56
450.0	140.10	4	7.07
750.0	177.79	3	13.34
4500.0	335.54	7	12.99
7500.0	173.47	7	6.67
14000.0	66.77	3	.62
27000.0	58.45	1	0.00

STA. ID_TC32 EW NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	162.27	4	31.07
7.5	473.58	3	21.53
14.0	473.94	4	186.56
27.0	328.28	8	66.17
45.0	241.76	4	1.20
75.0	359.04	5	8.85
140.0	223.36	9	21.97
270.0	264.67	3	18.94
450.0	291.59	7	9.57
750.0	359.51	3	4.98
4500.0	593.82	6	52.91
7500.0	129.97	3	1.98
14000.0	285.40	3	16.09
27000.0	66.44	1	0.00



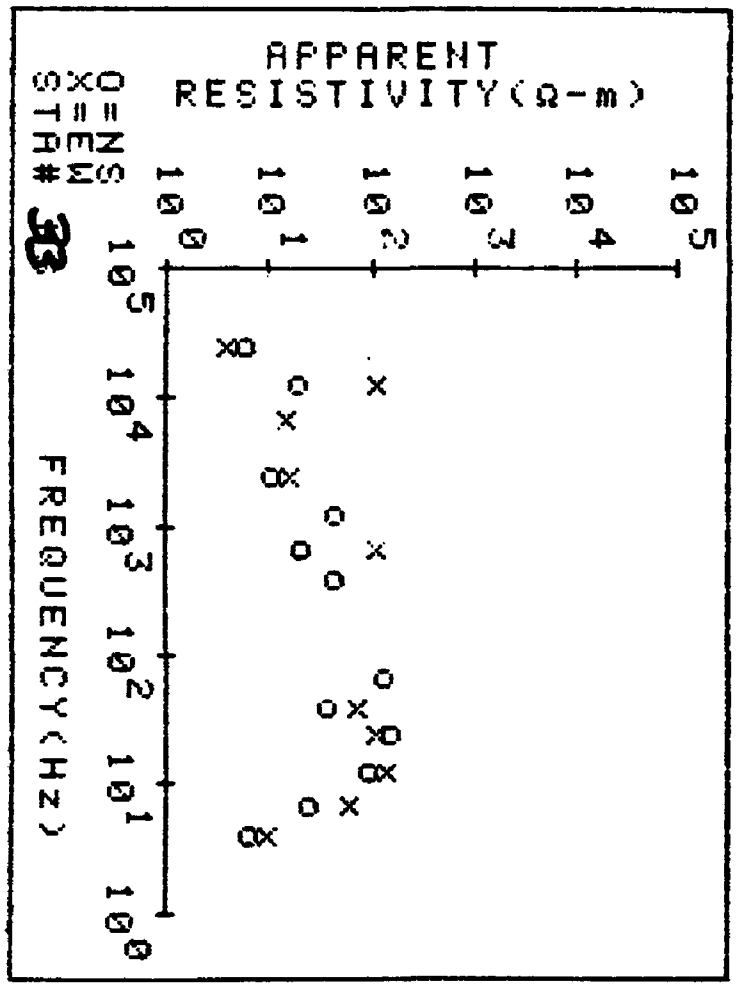
PROJECT=JACKSON HOLE 94

STA. ID_33 NS NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	4.86	4	.89
7.5	19.35	6	2.49
14.0	71.94	6	10.28
27.0	125.41	5	55.19
45.0	28.34	5	6.72
75.0	101.89	5	20.00
450.0	35.85	5	9.38
750.0	15.65	4	2.28
1400.0	36.00	5	5.32
2700.0	7.98	2	.91
14000.0	15.33	3	.63
27000.0	4.45	1	0.00

STA. ID_33 EW NO FREQ= 10

FREQ	AP-RES	N OBS	STD ERR
4.5	7.56	6	.14
7.5	50.48	5	18.40
14.0	109.31	5	43.27
27.0	88.55	6	7.37
45.0	59.20	6	14.66
750.0	87.45	4	3.92
2700.0	12.98	2	4.91
7500.0	11.82	4	.13
14000.0	87.88	3	1.34
27000.0	2.96	1	0.00



TC-33.

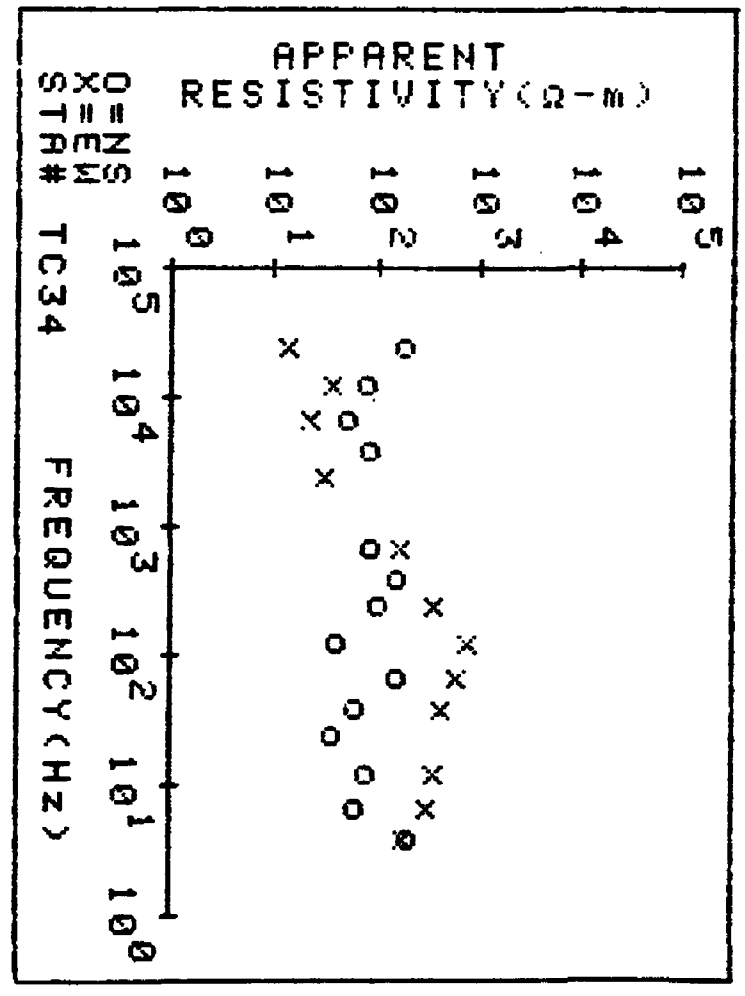
PROJECT=JACKSON HOLE 94

STA. ID_TC34 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	157.45	3	14.92
7.5	48.51	7	5.54
14.0	64.44	7	10.66
27.0	29.23	8	3.01
45.0	48.23	7	12.00
75.0	122.35	6	1.90
140.0	31.91	8	8.24
270 0	83.28	9	7.93
450.0	118.74	6	33.06
750.0	70.92	4	2.33
4500.0	69.49	9	9.81
7500.0	41.07	7	1 98
14000.0	64.69	3	3.88
27000.0	142.93	1	0.00

STA. ID_TC34 EW NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	148.42	3	7.17
7.5	234.95	3	8.63
14.0	285.10	7	22.15
45.0	348.20	6	25.30
75.0	468.68	5	20.38
140 0	615.62	5	90.90
270.0	289.89	7	27.38
750.0	134.39	5	10.53
2700.0	24.84	7	1.03
7500.0	17.41	3	1.76
14000.0	28.46	3	1.82
27000.0	10.99	3	.98



Tc-34

PROJ= JACKSON HOLE 94
STA-IDTC35FILE NAME=TC35

PROJECT=JACKSON HOLE 94

STA. ID_TC35 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	22.18	5	1.73
7.5	30.74	6	6.86
14.0	72.05	6	5.60
27.0	62.65	7	1.36
45.0	134.07	6	35.57
75.0	76.59	7	7.57
140.0	105.83	5	6.38
270.0	170.10	5	4.44
450.0	222.11	6	87.46
750.0	61.83	5	1.43
2700.0	35.90	5	2.22
4500.0	121.01	7	27.78
7500.0	112.91	3	12.33
14000.0	262.36	3	56.33

STA. ID_TC35 EW NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	384.12	8	121.00
7.5	200.22	3	.70
14.0	99.76	6	8.00
27.0	106.69	7	2.71
45.0	232.12	6	10.24
270.0	157.40	5	2.15
450.0	79.85	8	10.17
750.0	94.98	6	19.61
2700.0	66.07	4	6.56
4500.0	85.87	6	5.70
7500.0	149.84	3	4.53
14000.0	122.47	3	7.09
27000.0	50.22	6	2.72

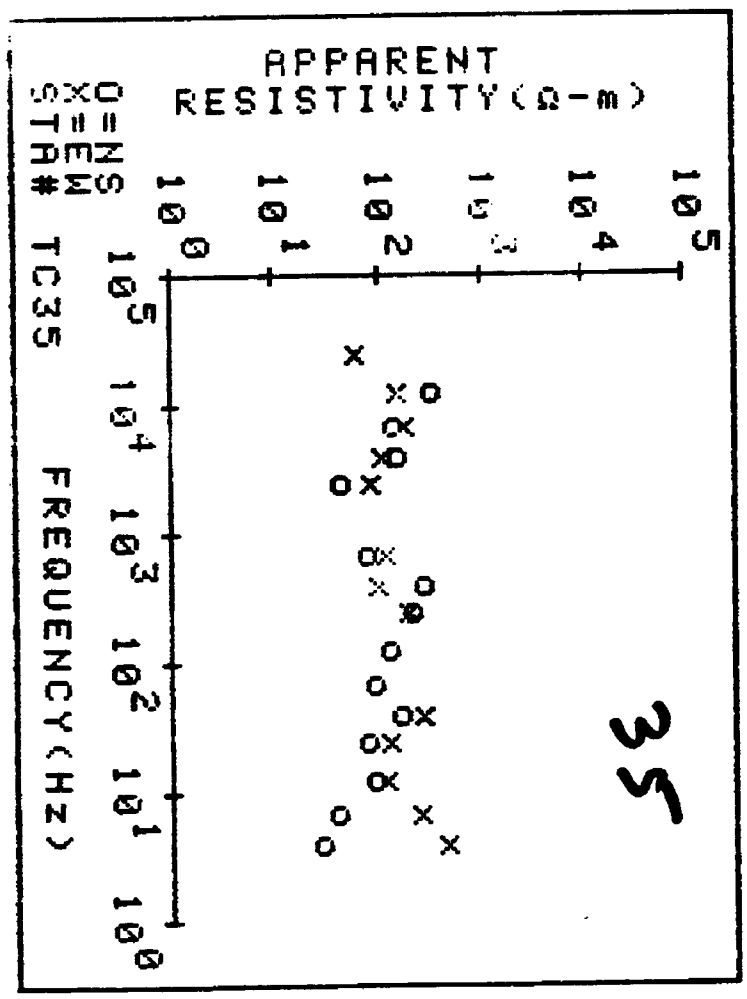
PROJECT=JACKSON HOLE 94

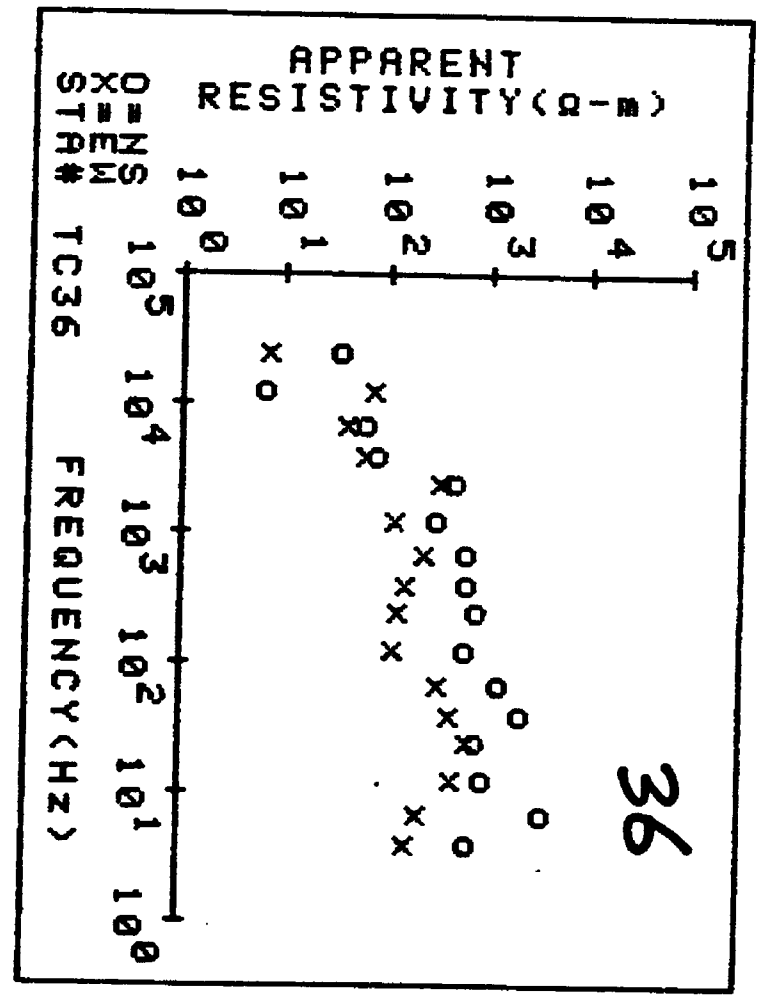
STA. ID_TC36 NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	504.03	8	119.82
7.5	2843.20	12	600.62
14.0	724.18	7	273.96
27.0	632.02	10	139.78
45.0	1741.10	14	283.20
75.0	1026.30	13	202.74
140.0	489.85	10	55.08
270.0	622.36	13	65.39
450.0	487.43	18	71.07
750.0	490.61	16	93.40
1400.0	242.46	19	42.57
2700.0	385.49	12	73.72
4500.0	63.59	16	5.69
7500.0	46.95	12	7.04
14000.0	5.17	10	.65
27000.0	28.16	3	7.35

STA. ID_TC36 EW NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	137.14	5	55.90
7.5	177.25	6	25.55
14.0	355.34	9	55.92
27.0	499.62	3	130.31
45.0	327.12	10	93.90
75.0	269.29	5	115.52
140.0	99.94	16	19.21
270.0	102.35	18	24.79
450.0	122.10	17	37.01
750.0	192.99	14	50.54
1400.0	97.39	10	11.81
2700.0	274.63	8	54.60
4500.0	46.91	11	7.06
7500.0	32.81	11	6.37
14000.0	59.32	2	2.99
27000.0	5.33	2	.82





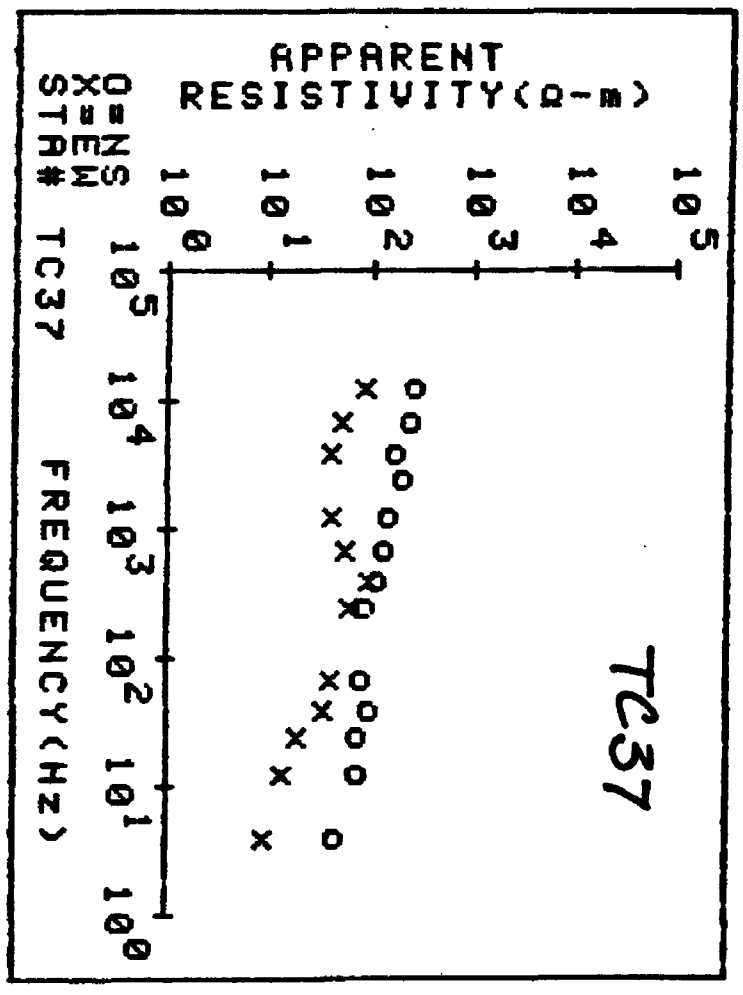
PROJECT=JACKSON HOLE 94

STA. ID_TC37 NS NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	33.53	6	15.02
14.0	59.75	10	4.06
27.0	55.70	10	18.12
45.0	74.96	10	9.21
75.0	65.41	10	4.70
270.0	68.04	12	5.51
450.0	89.46	10	9.10
750.0	102.18	11	5.86
1400.0	110.77	10	6.24
2700.0	153.56	10	9.17
4500.0	139.62	10	17.89
7500.0	187.60	10	10.76
14000.0	199.38	9	9.58

STA. ID_TC37 EW NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	7.10	5	3.51
14.0	10.45	8	3.22
27.0	14.99	8	5.95
45.0	27.80	9	3.63
75.0	31.91	12	1.60
270.0	48.02	10	6.87
450.0	71.39	10	7.66
750.0	44.57	10	4.97
1400.0	32.05	9	5.09
4500.0	31.58	10	9.97
7500.0	42.13	8	7.11
14000.0	67.83	3	4.23



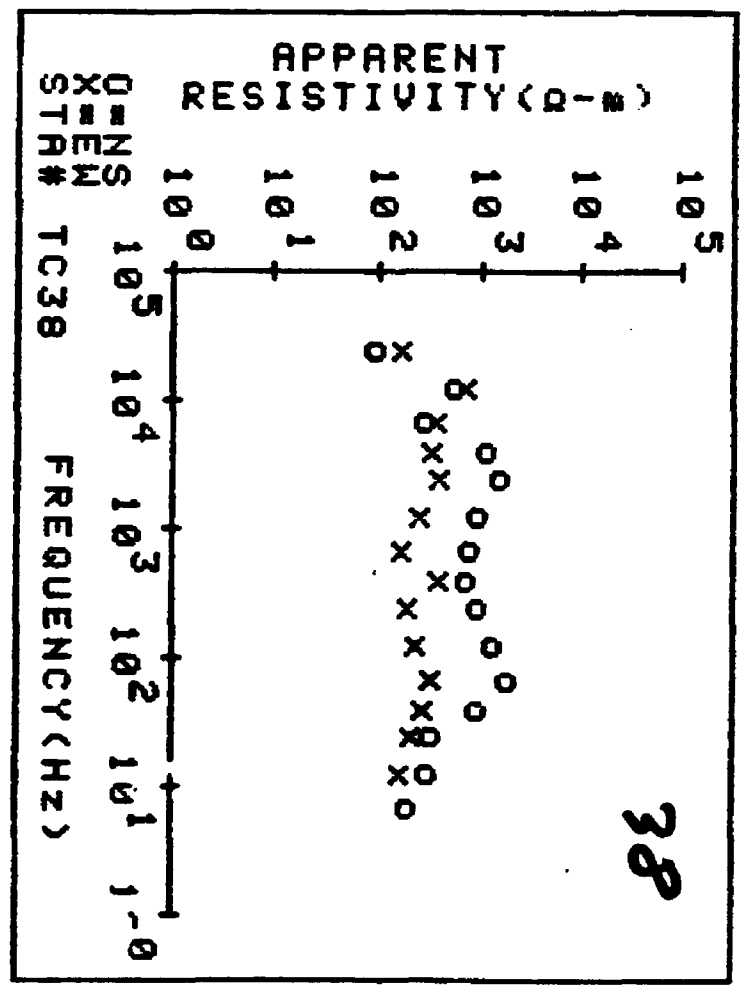
PROJECT=JACKSON HOLE 94

STA. ID_TC38 NS NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
7.5	155.01	3	17.34
14.0	250.33	4	8.32
27.0	255.67	5	3.48
45.0	716.80	5	16.61
75.0	1467.70	7	131.09
140.0	993.04	5	24.65
270.0	698.67	8	50.28
450.0	581.55	7	79.17
750.0	622.53	8	65.77
1400.0	714.60	5	78.98
2700.0	1241.70	5	100.31
4500.0	885.14	4	25.43
7500.0	227.27	4	8.29
14000.0	425.13	3	36.81
27000.0	73.91	1	0.00

STA. ID_TC38 EW NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
14.0	134.12	4	6.61
27.0	175.67	5	47.55
45.0	221.89	5	42.31
75.0	262.18	5	8.00
140.0	196.10	5	11.99
270.0	154.71	9	[illegible].81
450.0	305.27	9	20.40
750.0	138.18	10	3[illegible].37
1400.0	201.08	4	[illegible].68
2700.0	317.77	4	40.71
4500.0	253.49	6	12.04
7500.0	280.43	8	35.06
14000.0	551.44	3	9.46
27000.0	133.07	1	[illegible]00



PROJ= JACKSON HOLE 94
STA-IDTC39FILE NAME=TC39

PROJECT=JACKSON HOLE 94

STA. ID_TC39 NS NO FREQ= 9

FREQ	AP-RES	N OBS	STD ERR
4.5	189.12	7	38.78
7.5	106.85	8	18.31
140.0	95.05	8	59.35
270.0	82.65	9	7.03
450.0	165.29	6	19.34
1400.0	311.04	3	11.01
2700.0	238.90	3	9.04
7500.0	242.62	9	25.49
27000.0	121.72	4	8.41

STA. ID_TC39 EW NO FREQ= 11

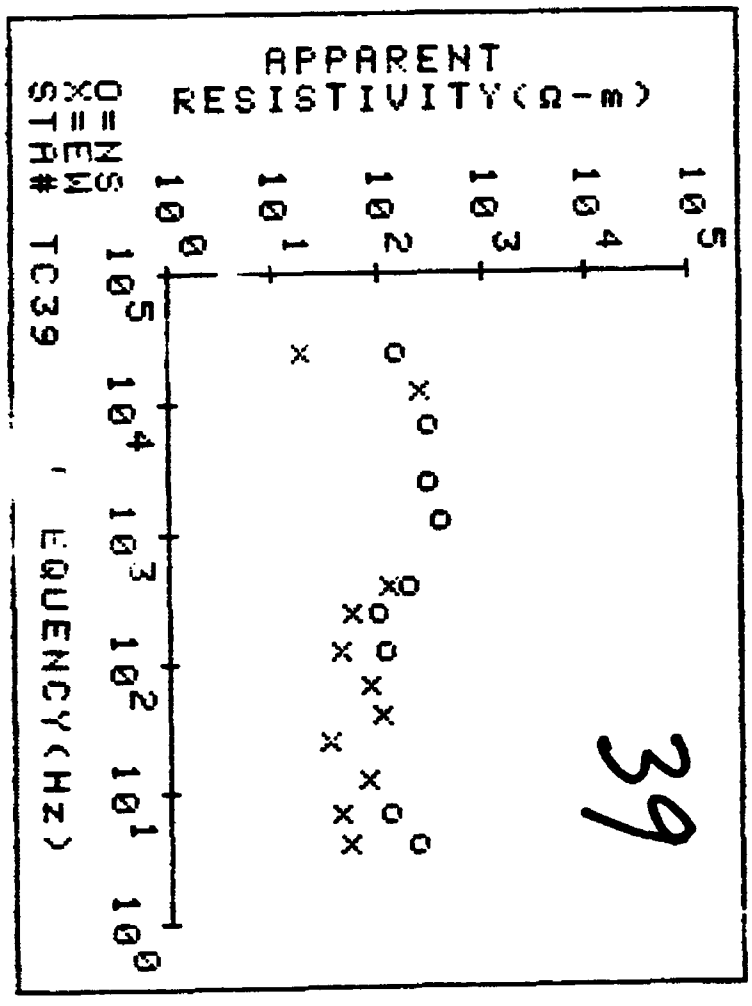
FREQ	AP-RES	N OBS	STD ERR
4.5	42.59	8	7.43
7.5	34.39	6	1.65
14.0	64.17	8	19.40
27.0	26.88	9	6.24
45.0	91.08	3	3.51
75.0	66.89	6	19.56
140.0	34.37	8	2.13
270.0	44.98	10	8.44
450.0	105.32	8	16.10
14000.0	205.41	3	6.40
27000.0	14.84	3	.5

STA. ID_TC40 NS NO FREQ= 16

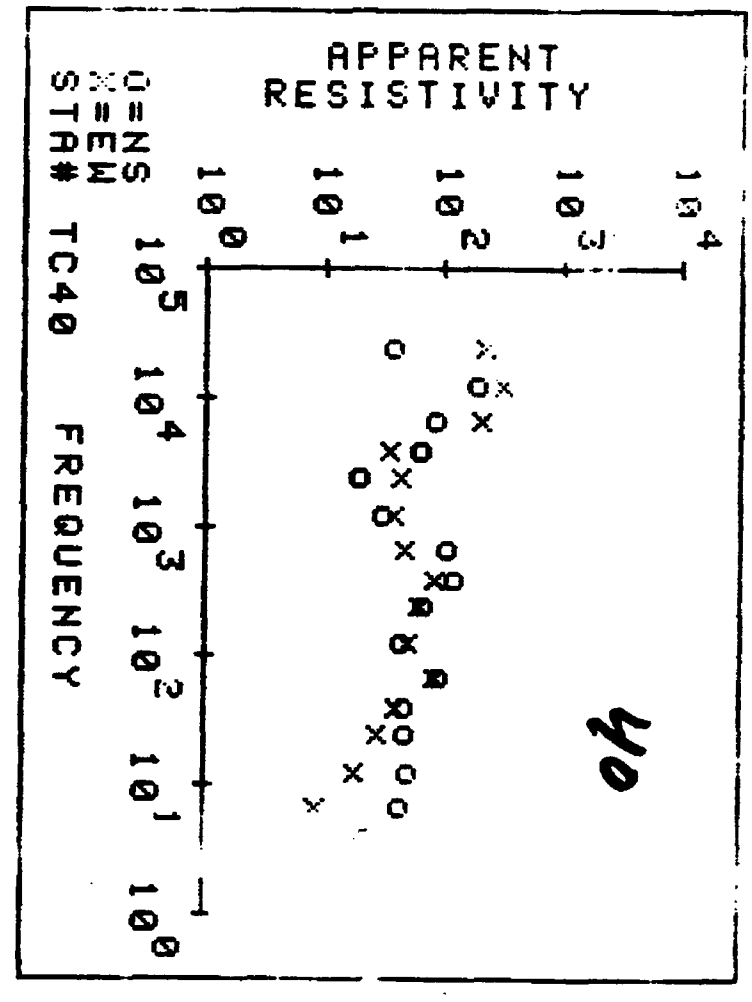
FREQ	AP-RES	N OBS	STD ERR
4.5	18.79	5	9.69
7.5	34.13	8	7.46
14.0	40.42	8	[illegible]
27.0	37.65	8	2.8[illegible]
45.0	37.57	10	3.47
75.0	71.53	8	14.[illegible]
140.0	34.92	9	3.63
270.0	54.14	10	4.64
450.0	98.05	10	23.98
750.0	81.44	4	27.09
1400.0	24.72	3	.78
2700.0	15.92	5	8.68
4500.0	50.16	6	7.8[illegible]
7500.0	67.68	8	6.21
14000.0	152.43	3	7.62
27000.0	30.10	1	0.00

STA. ID_TC40 EW NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	15.09	3	1.17
7.5	7.04	8	4.22
14.0	14.66	5	6.81
27.0	22.11	6	8.41
45.0	31.74	9	6.89
75.0	65.61	8	19.72
140.0	40.46	10	6.08
270.0	51.45	10	10.30
450.0	68.35	8	15.09
750.0	37.90	5	11.47
1400.0	31.40	5	.44
2700.0	34.36	6	3.22
4500.0	28.24	3	.91
7500.0	165.27	8	14.29
14000.0	246.90	3	7.43
27000.0	167.00	1	0.00



PROJ= JACKSON HOLE 94



PROJ= JACKSON HOLE 94
STA-IDTC41FILE NAME=TC41

PROJECT=JACKSON HOLE 94

STA. ID_TC41 NS NO FREQ= 11

FREQ	AP-RES	N OBS	STD ERR
7.5	33.52	7	4.03
14.0	42.99	5	144.70
27.0	31.79	10	1.20
45.0	42.04	7	6.85
75.0	41.88	6	7.68
140.0	50.59	8	5.13
270.0	50.69	9	5.50
450.0	120.49	7	9.43
750.0	121.43	5	10.58
7500.0	75.04	7	8.26
14000.0	270.31	3	2.80

STA. ID_TC41 EW NO FREQ= 11

FREQ	AP-RES	N OBS	STD ERR
7.5	34.08	7	1.99
14.0	38.28	8	5.66
27.0	39.07	9	3.01
45.0	38.49	6	7.26
75.0	67.75	5	2.39
140.0	56.07	9	4.92
270.0	50.62	7	2.92
450.0	164.93	8	85.58
7500.0	266.90	3	21.28
14000.0	415.48	3	9.49
27000.0	127.89	1	0.00

PROJ= JACKSON HOLE 94
STA-IDTC42FILE NAME=TC42

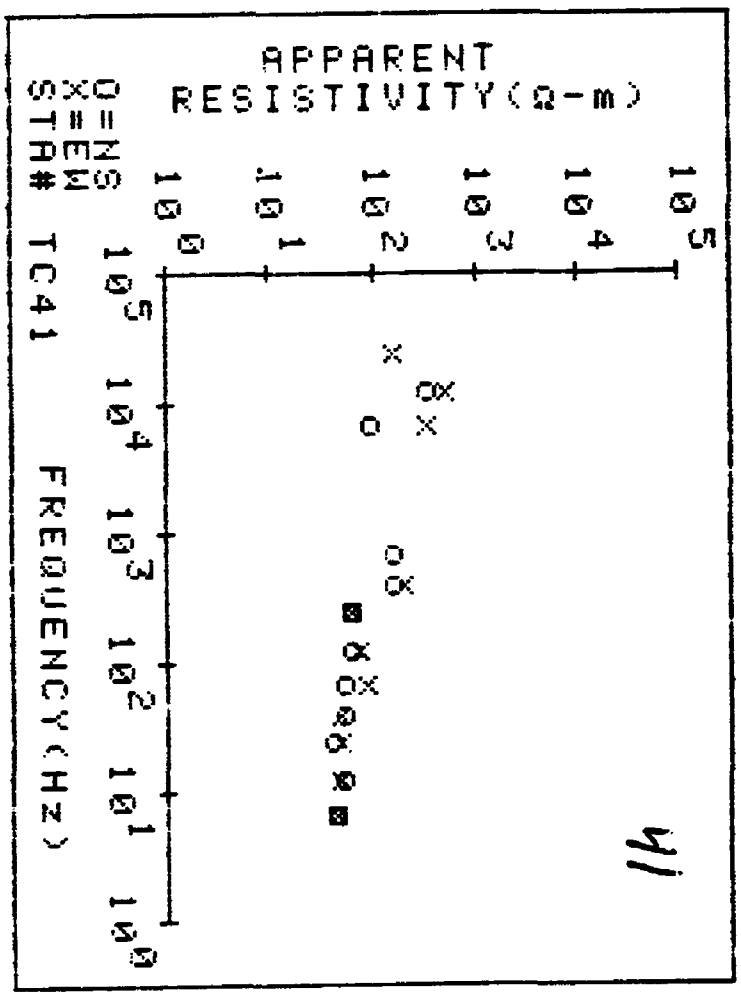
PROJECT=JACKSON HOLE 94

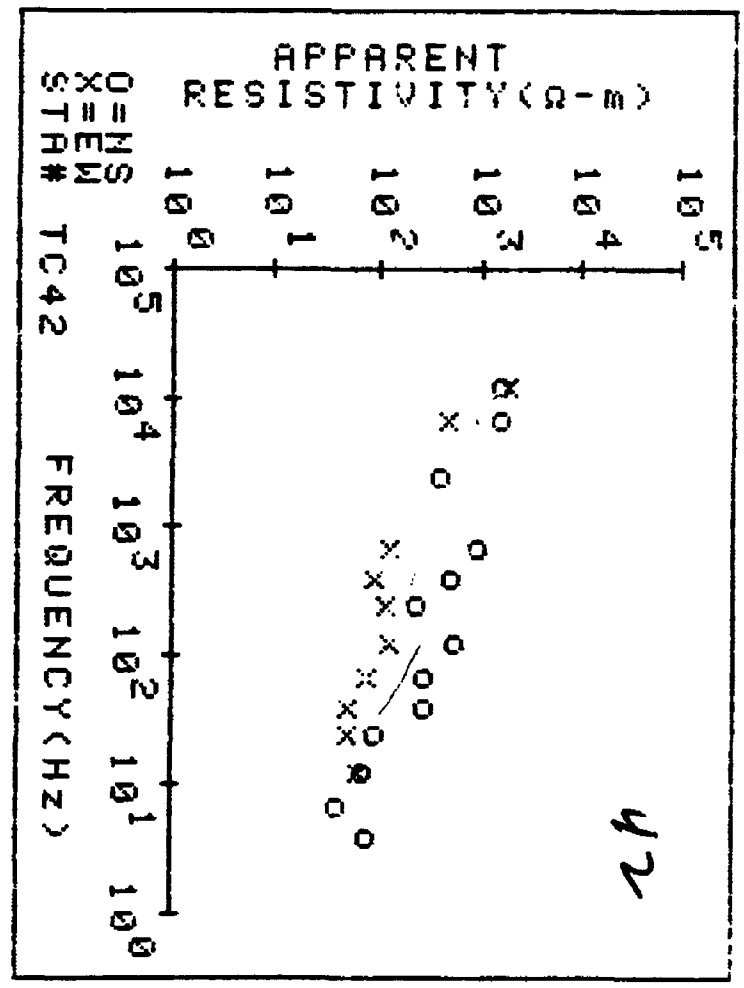
STA. ID_TC42 NS NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	60.35	2	16.58
7.5	32.98	6	5.22
14.0	57.67	7	3.86
27.0	75.12	10	6.92
45.0	213.77	7	14.42
75.0	218.16	7	42.04
140.0	449.34	10	136.31
270.0	192.10	7	23.51
450.0	397.94	5	63.23
750.0	701.63	5	17.92
2700.0	317.32	3	26.41
7500.0	1245.30	5	22.50
14000.0	1252.10	3	52.67

STA. ID_TC42 EW NO FREQ= 10

FREQ	AP-RES	N OBS	STD ERR
14.0	51.51	5	4.61
27.0	40.30	7	4.38
45.0	42.46	7	4.50
75.0	63.57	9	4.57
140.0	108.62	8	9.44
270.0	92.56	10	4.17
450.0	76.43	5	9.98
750.0	105.09	3	6.56
7500.0	374.65	6	27.74
14000.0	1473.00	2	32.45





PROJECT-JACKSON HOLE 94

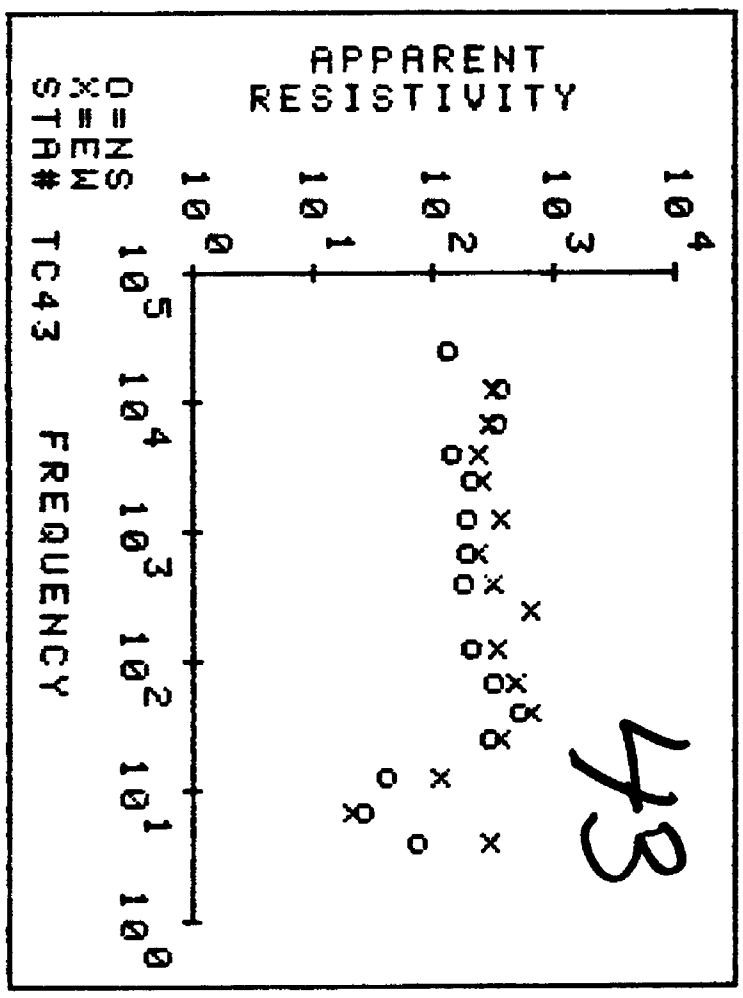
STA. ID_TC43 NS NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	60.41	3	2.36
7.5	20.81	3	1.43
14.0	32.51	3	.60
27.0	235.16	6	59.17
45.0	401.47	7	28.29
75.0	242.18	8	14.09
140.0	160.84	7	16.45
450.0	140.13	7	11.07
750.0	148.73	7	7.83
1400.0	151.13	3	46.73
2700.0	157.75	6	9.17
4500.0	108.46	3	1.83
7500.0	272.03	3	18.77
14000.0	297.64	3	16.68
27000.0	103.19	3	4.52

STA. ID_TC43 EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	236.80	3	31.95
7.5	17.50	3	.37
14.0	91.90	3	29.99
27.0	287.00	6	39.81
45.0	526.93	7	56.74
75.0	392.04	6	7.42
140.0	264.22	6	57.88
270.0	506.47	3	43.94
450.0	241.80	7	29.72
750.0	183.41	6	28.07
1400.0	283.50	1	0.00
2700.0	205.66	6	63.84
4500.0	185.82	5	19.78
7500.0	232.89	8	26.07
14000.0	255.95	3	34.22

PROJ= JACKSON HOLE 94

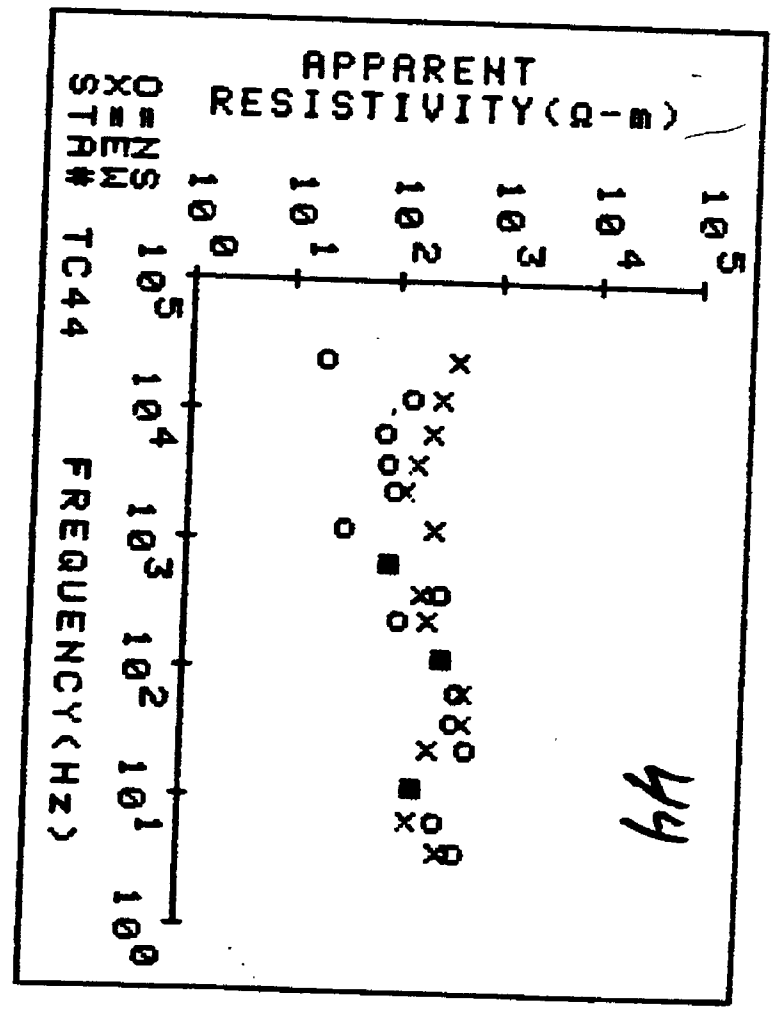


STA. ID_TC44 NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	402.54	4	170.57
7.5	246.11	8	36.92
14.0	142.29	11	19.77
27.0	461.42	7	59.18
45.0	330.83	17	30.53
75.0	367.41	16	33.05
140.0	257.53	13	24.09
270.0	98.09	16	10.39
450.0	245.67	16	20.09
750.0	73.30	20	5.33
1400.0	26.44	5	7.34
2700.0	83.14	6	16.98
4500.0	66.32	14	8.77
7500.0	62.16	10	5.12
14000.0	116.43	12	9.59
27000.0	16.79	7	.34

STA. ID_TC44 EW NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	258.77	5	78.87
7.5	139.02	8	45.35
14.0	143.08	13	29.36
27.0	211.79	18	50.05
45.0	424.55	15	55.13
75.0	422.28	11	40.39
140.0	253.70	23	38.27
270.0	190.04	21	18.61
450.0	165.06	18	16.07
750.0	76.14	12	14.36
1400.0	198.01	3	8.27
2700.0	107.27	18	10.24
4500.0	140.00	15	20.21
7500.0	183.37	9	22.50
14000.0	227.20	3	4.83
27000.0	311.52	2	85.59



STA. ID_TC45 NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	114.34	8	66.68
7.5	606.88	16	122.90
14.0	462.32	4	109.08
27.0	700.72	10	126.40
45.0	798.97	18	34.62
75.0	633.61	24	26.45
140.0	443.93	6	54.97
270.0	307.35	21	28.41
450.0	327.71	13	19.30
750.0	270.11	17	12.35
1400.0	295.60	6	6.76
2700.0	240.16	11	18.50
4500.0	263.75	16	63.42
7500.0	314.86	12	121.61
14000.0	368.91	1	0.00
27000.0	410.77	1	0.00

STA. ID_TC45 EW NO FREQ= 16

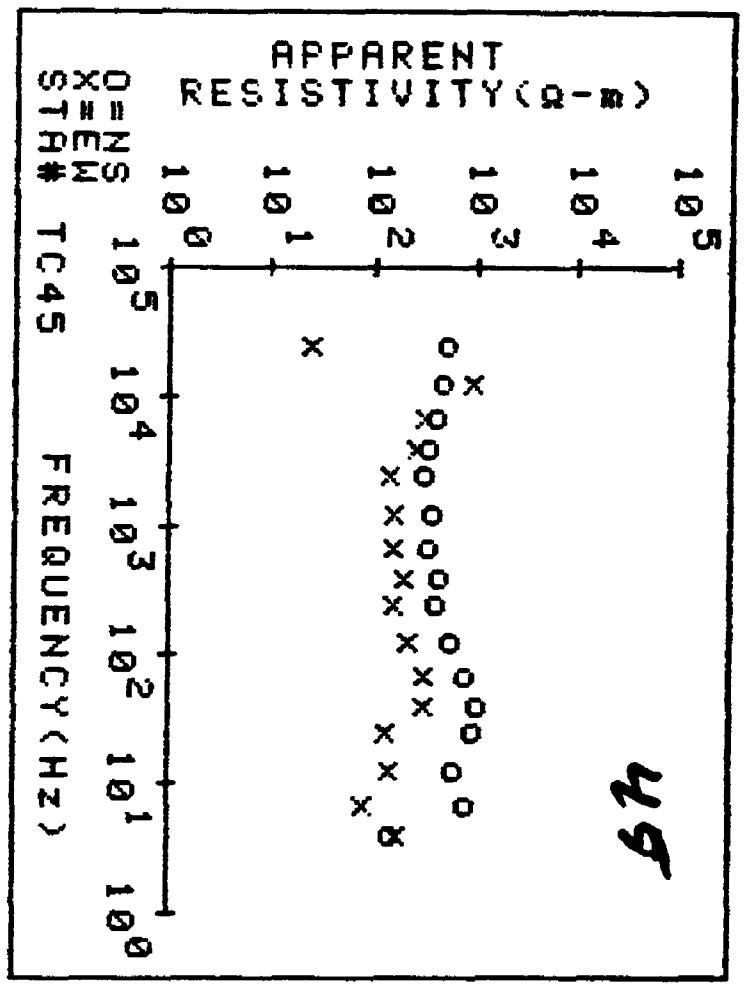
FREQ	AP-RES	N OBS	STD ERR
4.5	139.31	2	4.71
7.5	61.07	11	21.33
14.0	110.26	16	6.46
27.0	101.03	18	19.01
45.0	241.57	11	31.95
75.0	242.57	18	26.44
140.0	171.43	18	16.83
270.0	128.25	21	5.86
450.0	158.01	23	20.17
750.0	119.04	22	5.35
1400.0	118.79	6	4.87
2700.0	115.68	11	8.63
4500.0	205.63	20	10.30
7500.0	235.58	20	6.51
14000.0	707.46	2	101.79
27000.0	19.25	1	0.00

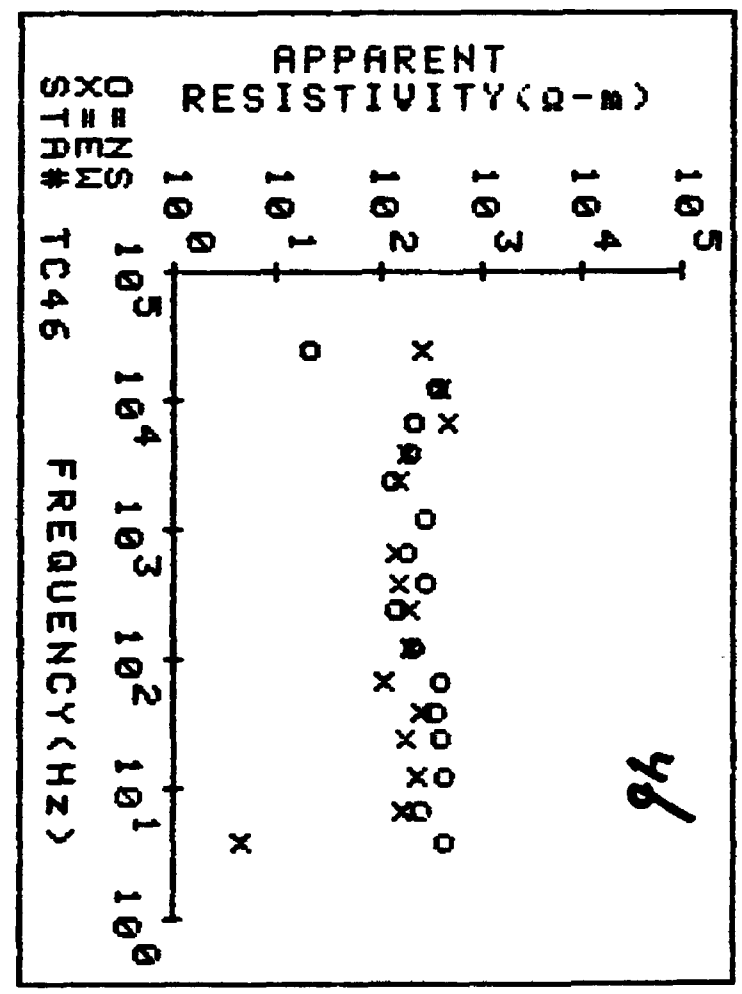
STA. ID_TC46 NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	333.75	4	13.92
7.5	208.70	10	32.18
14.0	330.19	10	72.17
27.0	325.69	9	59.31
45.0	283.05	12	42.28
75.0	315.94	11	28.55
140.0	174.80	10	5.95
270.0	116.68	12	8.53
450.0	217.62	11	10.66
750.0	141.52	11	18.43
1400.0	225.39	4	17.19
2700.0	107.32	5	6.83
4500.0	157.46	11	15.18
7500.0	178.49	10	18.77
14000.0	279.11	4	7.08
27000.0	16.16	5	3.12

STA. ID_TC46 EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	3.51	6	.33
7.5	133.79	6	13.86
14.0	192.82	11	16.84
27.0	151.61	9	11.18
45.0	211.05	10	17.57
75.0	91.29	10	6.38
140.0	163.68	12	12.11
270.0	164.63	12	8.38
450.0	128.78	10	15.75
750.0	111.23	10	15.12
2700.0	120.86	8	6.87
4500.0	142.14	12	21.02
7500.0	373.35	10	44.94
14000.0	302.05	4	3.14
27000.0	201.23	2	99.04





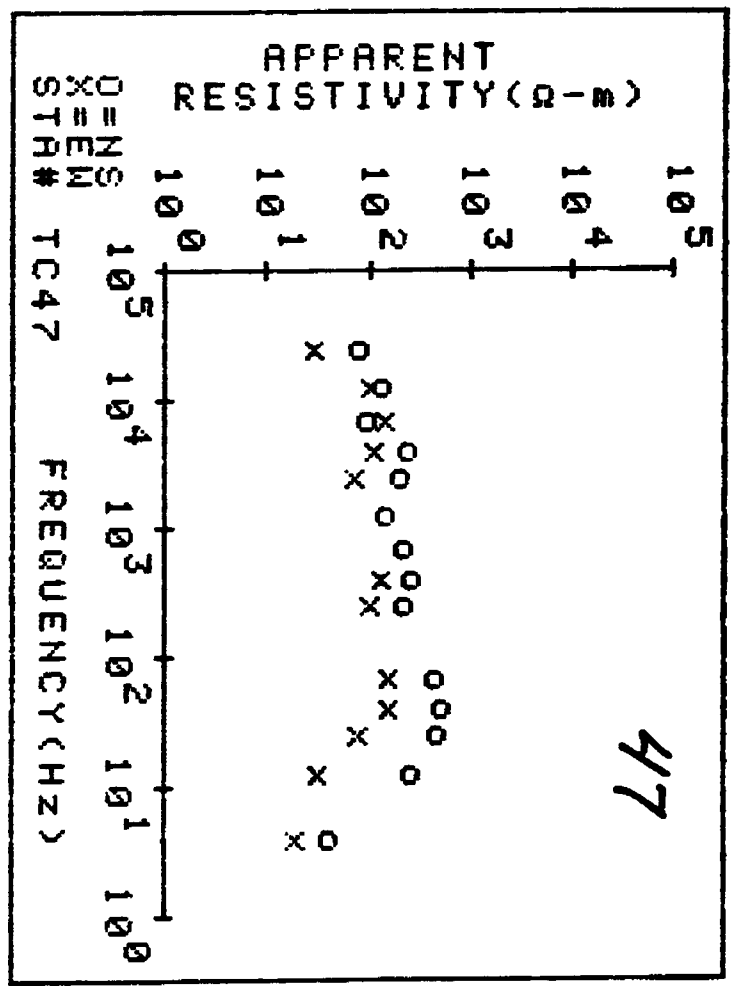
PROJECT=JACKSON HOLE 94

STA. ID_TC47 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	31.00	3	13.00
14.0	197.00	9	49.00
27.0	359.00	10	39.00
45.0	392.00	10	33.00
75.0	339.00	10	27.00
270.0	170.00	10	22.00
450.0	206.87	10	18.98
750.0	172.10	10	7.15
1400.0	114.98	3	2.94
2700.0	156.91	10	12.41
4500.0	181.09	9	23.86
7500.0	76.00	10	19.29
14000.0	108.52	3	11.58
27000.0	62.50	8	6.84

STA. ID_TC47 EW NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	14.63	3	1.08
14.0	25.46	4	4.07
27.0	65.43	6	21.14
45.0	128.52	7	20.57
75.0	118.86	7	25.16
270.0	83.53	10	10.94
450.0	105.95	10	12.98
2700.0	57.73	8	11.44
4500.0	85.79	11	9.74
7500.0	113.40	9	12.26
14000.0	82.30	3	3.65
27000.0	22.38	3	.05



PROJ= JACKSON HOLE 94
STA-IDTC48FILE NAME=TC48

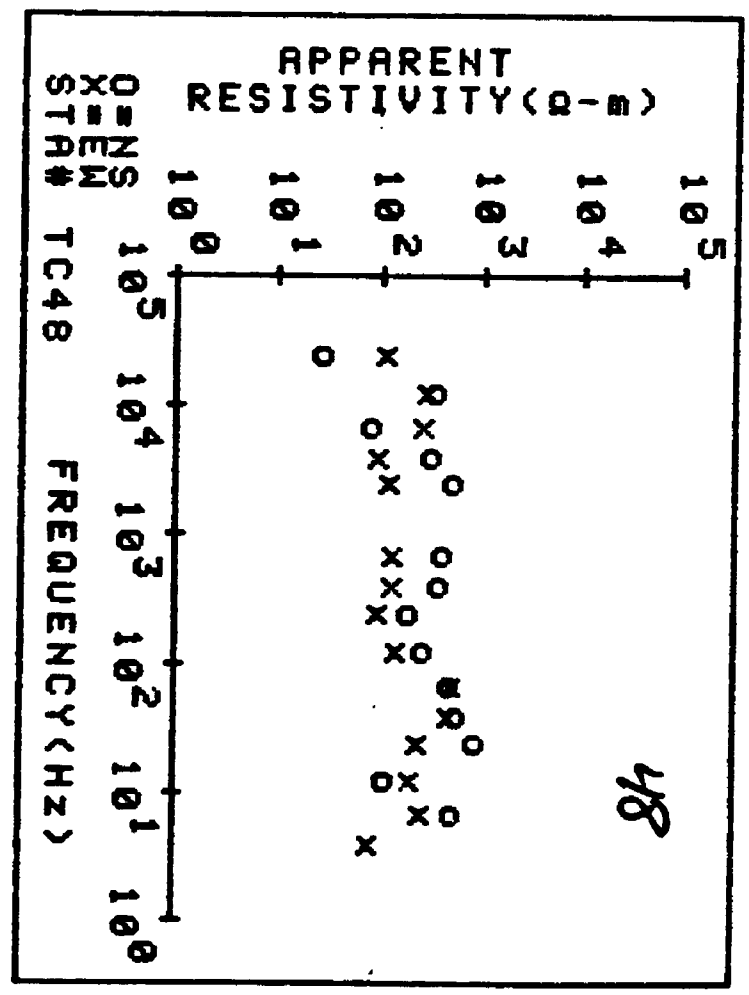
PROJECT=JACKSON HOLE 94

STA. ID_TC48 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
7.5	410.97	3	8.13
14.0	91.66	4	35.19
27.0	677.01	8	61.17
45.0	435.51	10	61.54
75.0	382.29	7	12.06
140.0	206.33	6	64.15
270.0	149.48	7	8.03
450.0	294.19	9	52.38
750.0	299.96	8	26.45
2700.0	415.47	5	124.97
4500.0	233.90	10	25.17
7500.0	62.31	4	8.66
14000.0	258.46	3	125.10
27000.0	21.13	3	8.57

STA. ID_TC48 EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	60.77	3	11.04
7.5	212.81	3	65.06
14.0	162.56	3	33.47
27.0	185.56	8	34.04
45.0	360.08	8	22.39
75.0	411.80	8	109.21
140.0	114.89	7	5.59
270.0	71.66	9	6.85
450.0	101.16	9	9.04
750.0	104.87	9	6.97
2700.0	98.52	6	2.17
4500.0	76.01	6	20.10
7500.0	204.29	3	25.50
14000.0	219.62	3	1.64
27000.0	91.68	3	4.59



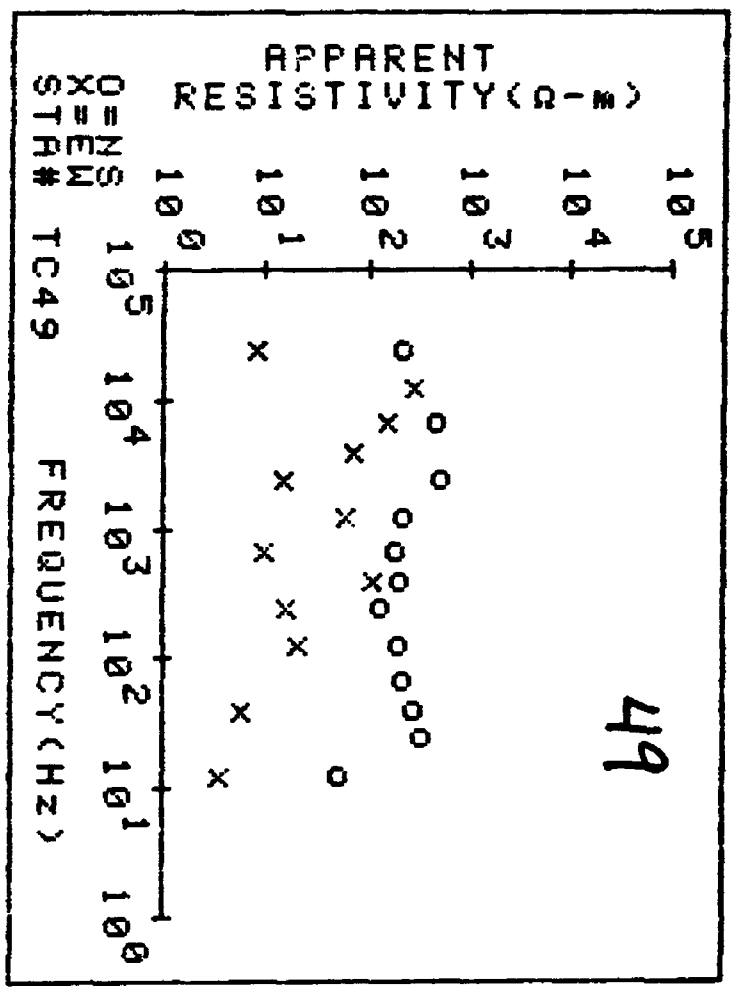
PROJECT=JACKSON HOLE 94

STA. ID_TC49 NS NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
14.0	39.55	3	4.99
27.0	275.11	8	64.92
45.0	232.33	7	95.21
75.0	174.12	8	23.11
140.0	153.24	9	11.61
270.0	103.55	8	19.09
450.0	161.47	9	14.65
750.0	144.01	8	16.11
1400.0	172.72	7	14.85
2700.0	407.41	8	112.62
7500.0	380.68	8	36.34
27000.0	166.18	3	54.60

STA. ID_TC49 EW NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
14.0	2.74	3	.07
45.0	4.58	3	.14
140.0	16.95	8	2.37
270.0	13.02	8	2.62
450.0	84.59	8	93.83
750.0	7.39	4	.73
1400.0	48.21	7	7.76
2700.0	11.64	7	4.33
4500.0	57.33	8	5.72
7500.0	125.03	8	20.97
14000.0	230.34	3	4.28
27000.0	6.43	1	0.00



PROJ= JACKSON HOLE 94
STA-IDTC50FILE NAME=TC50

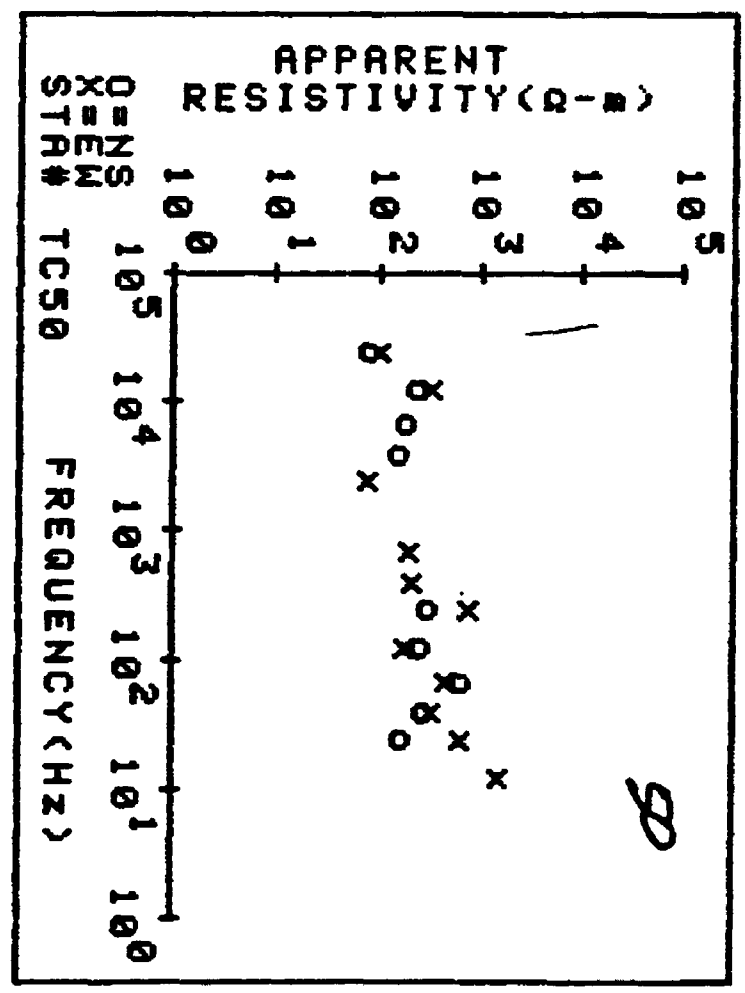
PROJECT=JACKSON HOLE 94

STA. ID_TC50 NS NO FREQ= 9

FREQ	AP-RES	N OBS	STD ERR
27.0	134.09	3	10.40
45.0	222.80	4	7.59
75.0	540.54	4	22.09
140.0	203.36	4	2.58
270.0	248.25	3	23.80
4500.0	121.21	4	4.75
7500.0	150.10	4	11.55
14000.0	186.73	3	1.90
27000.0	61.84	3	3.35

STA. ID_TC50 EW NO FREQ= 11

FREQ	AP-RES	N OBS	STD ERR
14.0	1181.60	2	41.07
27.0	534.61	5	29.71
45.0	267.53	5	92.60
75.0	372.10	6	65.57
140.0	145.34	3	7.39
270.0	607.42	3	13.14
450.0	173.47	5	17.57
750.0	162.39	6	32.86
2700.0	61.83	4	21.08
14000.0	258.34	3	7.54
27000.0	81.42	3	5.79



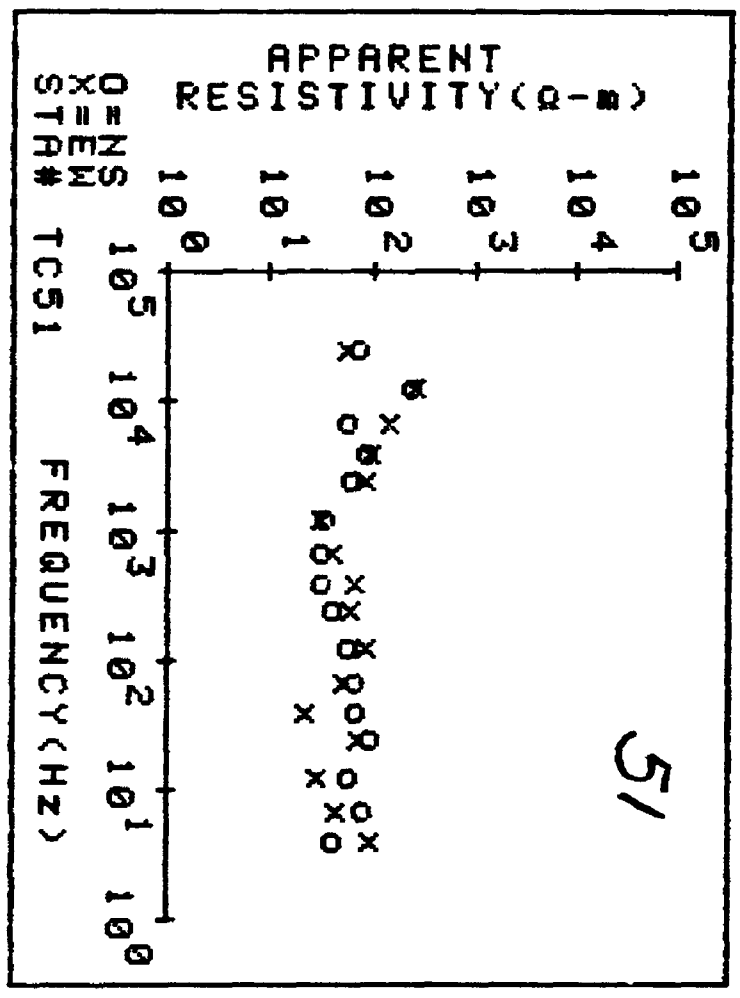
PROJECT=JACKSON HOLE 94

STA. ID_TC51 NS NO FREQ= 17

FREQ	AP-RES	N OBS	STD ERR
4.5	31.99	8	2.45
7.5	64.98	12	8.03
14.0	44.32	14	6.87
27.0	73.15	23	3.26
45.0	51.12	20	3.78
75.0	55.36	22	2.29
140.0	46.00	15	3.27
270.0	32.11	10	2.82
450.0	25.64	22	2.26
750.0	25.84	16	2.55
1400.0	27.64	3	4.47
2700.0	50.18	5	14.18
4500.0	70.69	22	4.25
7500.0	46.69	21	3.73
7500.0	44.36	21	4.33
14000.0	187.99	10	18.78
27000.0	57.81	3	5.19

STA. ID_TC51 EW NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	74.60	5	122.24
7.5	35.38	12	4.52
14.0	22.33	16	6.88
27.0	57.31	13	4.13
45.0	17.57	14	5.81
75.0	40.91	19	7.14
140.0	66.38	14	8.70
270.0	47.14	10	7.08
450.0	52.62	21	4.76
750.0	30.94	13	7.83
1400.0	24.49	3	8.25
2700.0	66.82	6	10.09
4500.0	75.68	21	6.13
7500.0	109.82	11	6.74
14000.0	211.26	3	24.84
27000.0	44.66	1	0.00



PROJ= JACKSON HOLE 94
STA-IDTC52FILE NAME=TC52

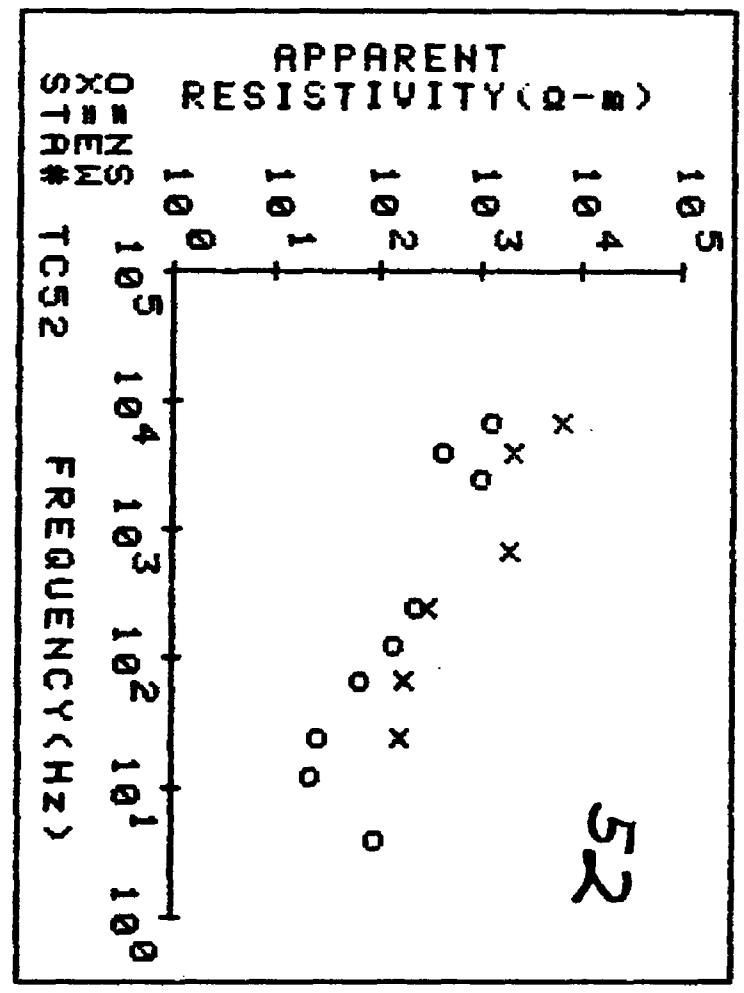
PROJECT=JACKSON HOLE 94

STA. ID_TC52 NS NO FREQ= 9

FREQ	AP-RES	N OBS	STD ERR
4.5	72.49	3	2.69
14.0	17.79	6	.99
27.0	20.90	5	1.35
75.0	51.00	6	1.62
140.0	112.08	3	5.69
270.0	194.69	6	3.16
2700.0	804.05	3	126.42
4500.0	338.32	3	13.39
7500.0	986.93	3	128.10

STA. ID_TC52 EW NO FREQ= 6

FREQ	AP-RES	N OBS	STD ERR
27.0	137.59	3	20.76
75.0	144.87	7	1.29
270.0	252.64	5	5.17
750.0	1600.90	4	14.79
4500.0	1670.50	5	12.35
7500.0	5073.50	5	218.22



PROJ= JACKSON HOLE 94
STA-IDTC53FILE NAME=TC53

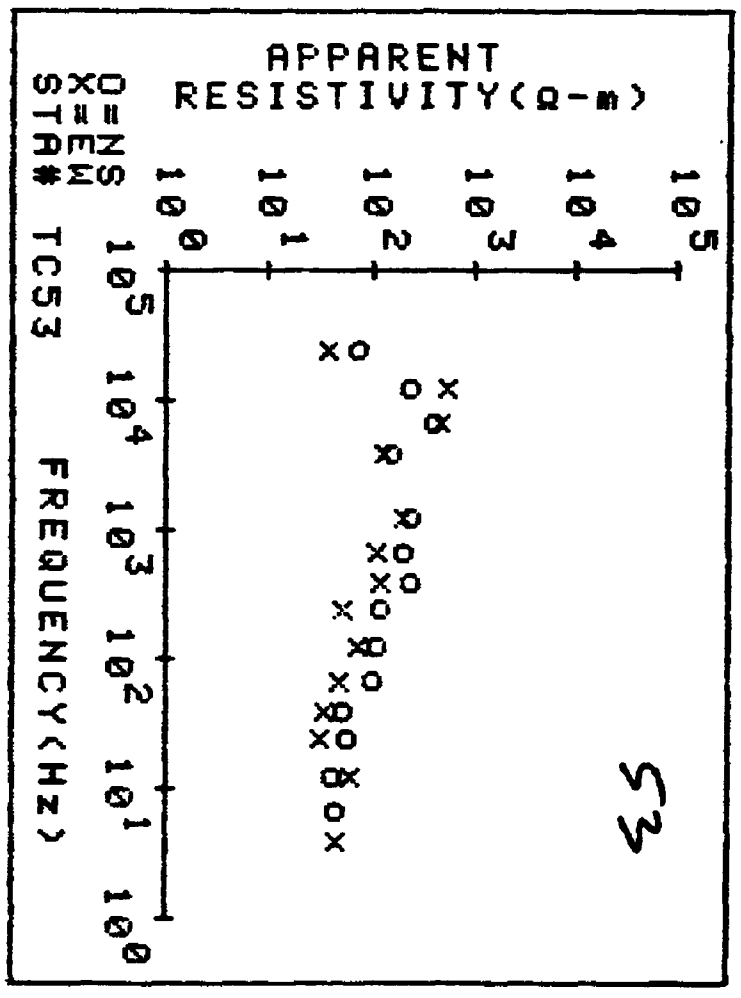
PROJECT=JACKSON HOLE 94

STA. ID_TC53 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
7.5	35.04	3	.46
14.0	33.09	4	2.10
27.0	46.72	6	2.01
45.0	42.53	9	2.41
75.0	78.01	7	2.54
140.0	87.13	7	6.34
270.0	98.07	8	16.82
450.0	189.84	8	30.12
750.0	159.11	5	1.59
1400.0	186.35	3	10.67
4500.0	126.56	5	15.66
7500.0	313.13	9	11.66
14000.0	182.23	3	3.78
27000.0	59.51	1	0.00

STA. ID_TC53 EW NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	33.74	1	0.00
14.0	48.79	4	2.02
27.0	25.49	5	1.00
45.0	26.43	7	1.78
75.0	37.55	10	3.13
140.0	55.79	9	3.33
270.0	42.84	7	6.33
450.0	94.05	8	3.73
750.0	85.33	7	13.58
1400.0	159.71	4	25.67
4500.0	104.71	7	15.23
7500.0	375.20	6	5.35
14000.0	437.11	3	10.78
27000.0	29.93	1	0.00



STA-IDTC54FILE NAME=TC54

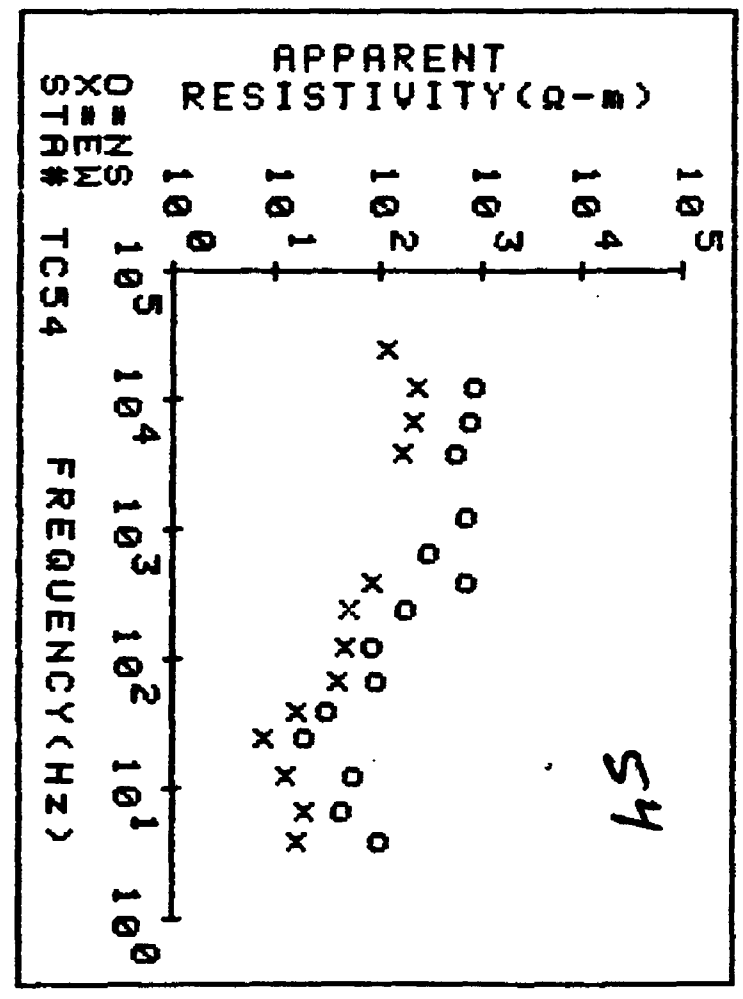
PROJECT=JACKSON HOLE 94

STA. ID_TC54 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	78.77	4	10.91
7.5	34.62	6	3.60
14.0	43.88	6	10.20
27.0	14.53	4	2.32
45.0	25.42	5	2.36
75.0	74.64	7	17.11
140.0	67.09	6	9.43
270.0	149.28	7	9.44
450.0	571.67	5	83.64
750.0	240.67	8	74.87
1400.0	573.61	1	0.00
4500.0	426.44	9	87.13
7500.0	613.98	8	110.42
14000.0	654.54	3	12.54

STA. ID_TC54 EW NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	12.37	6	3.13
7.5	15.29	8	1.73
14.0	9.82	10	1.52
27.0	5.93	4	.30
45.0	12.30	7	.77
75.0	31.17	10	2.75
140.0	36.73	7	4.09
270.0	40.50	5	8.75
450.0	66.63	10	12.08
4500.0	133.10	7	22.10
7500.0	173.56	4	6.99
14000.0	196.07	1	0.00
27000.0	98.41	1	0.00



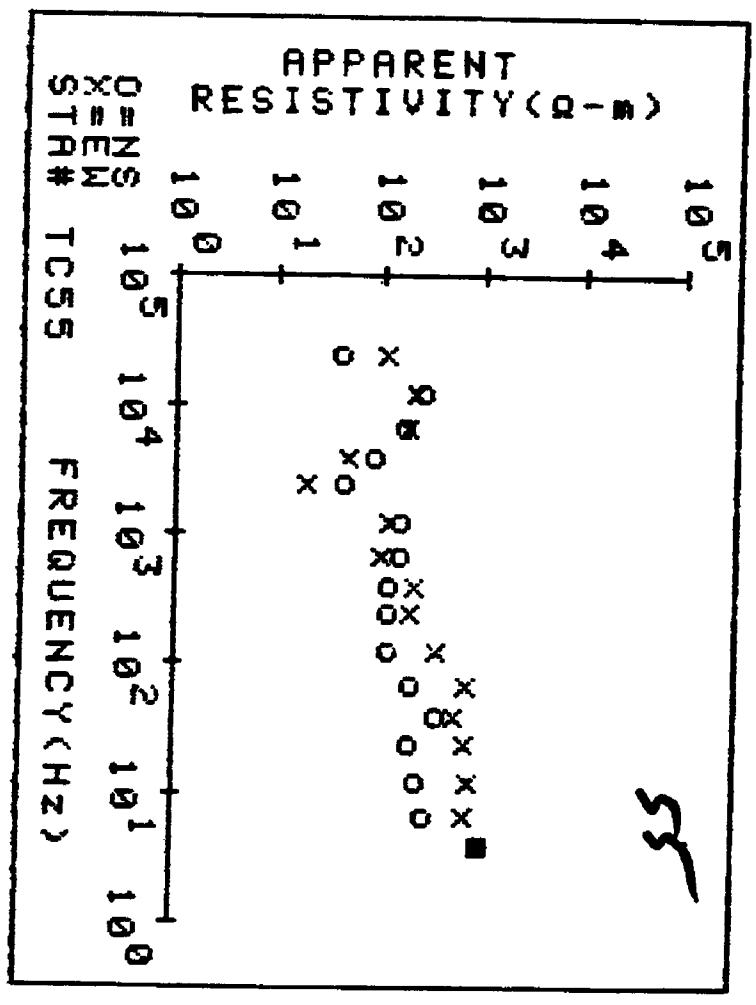
PROJECT=JACKSON HOLE 94

STA. ID_TC55 NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	788.92	1	0.00
7.5	229.78	7	79.40
14.0	183.42	13	24.22
27.0	161.80	15	33.88
45.0	298.70	10	45.25
75.0	156.09	23	16.09
140.0	99.45	9	23.06
270.0	93.04	22	6.71
450.0	95.82	12	10.34
750.0	123.52	6	8.04
1400.0	118.79	1	0.00
2700.0	35.45	2	24.19
4500.0	68.87	14	6.93
7500.0	137.36	13	8.92
14000.0	213.53	10	18.56
27000.0	33.19	2	4.99

STA. ID_TC55 EW NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	769.36	4	139.73
7.5	566.36	15	83.16
14.0	625.14	12	101.15
27.0	560.32	22	30.98
45.0	445.75	15	44.73
75.0	582.35	19	71.38
140.0	276.21	15	24.46
270.0	159.36	20	9.85
450.0	177.88	8	19.20
750.0	80.01	8	17.83
1400.0	93.90	5	12.51
2700.0	15.57	5	9.14
4500.0	39.32	12	6.79
7500.0	142.49	12	6.98
14000.0	168.64	2	23.35
27000.0	90.55	3	10.01



PROJECT=JACKSON HOLE 94

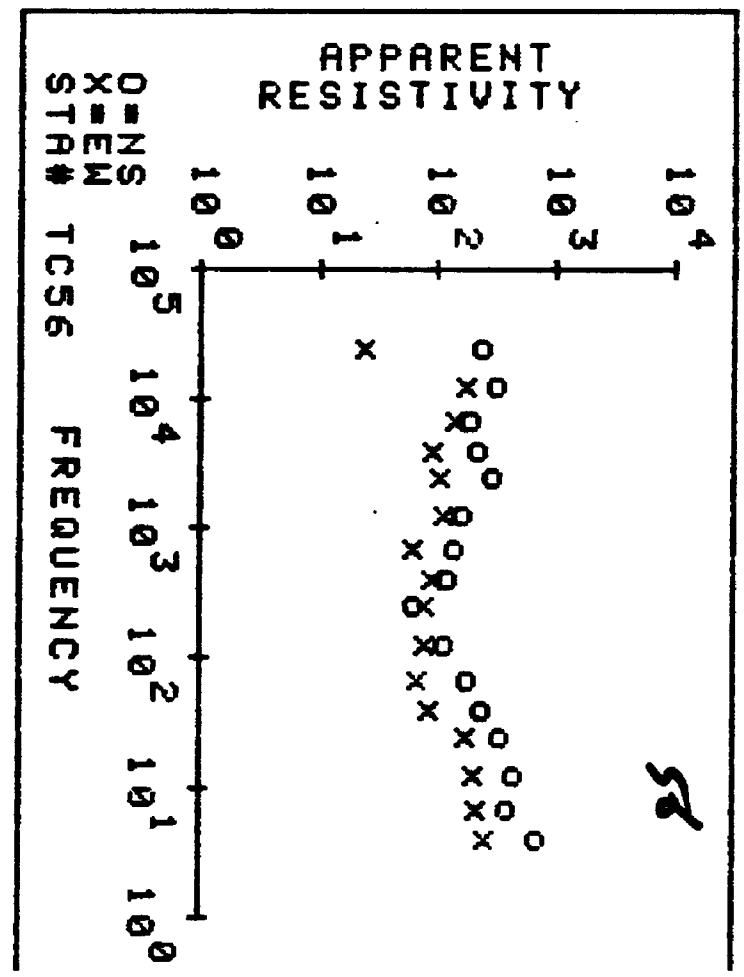
STA. ID_TC56 NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	570.31	4	49.35
7.5	316.24	10	43.24
14.0	366.00	9	53.35
27.0	267.12	7	35.65
45.0	184.51	10	27.07
75.0	142.17	9	10.33
140.0	89.79	9	6.39
270.0	51.36	9	5.85
450.0	97.60	10	9.55
750.0	113.76	11	20.77
1400.0	128.23	8	8.33
2700.0	228.54	9	20.41
4500.0	169.62	12	10.80
7500.0	145.38	5	7.44
14000.0	254.93	3	1.00
27000.0	182.57	3	9.00

STA. ID_TC56 EW NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	194.58	5	19.92
7.5	179.22	7	22.90
14.0	155.47	7	17.76
27.0	138.22	9	41.12
45.0	68.48	9	4.44
75.0	55.14	9	3.78
140.0	62.00	8	19.04
270.0	61.35	8	8.72
450.0	74.86	10	6.05
750.0	50.42	8	8.66
1400.0	89.44	7	10.60
2700.0	85.16	9	9.97
4500.0	75.17	8	15.96
7500.0	109.09	7	14.35
14000.0	139.15	3	2.91
27000.0	19.95	1	0.00

PROJ= JACKSON HOLE 94



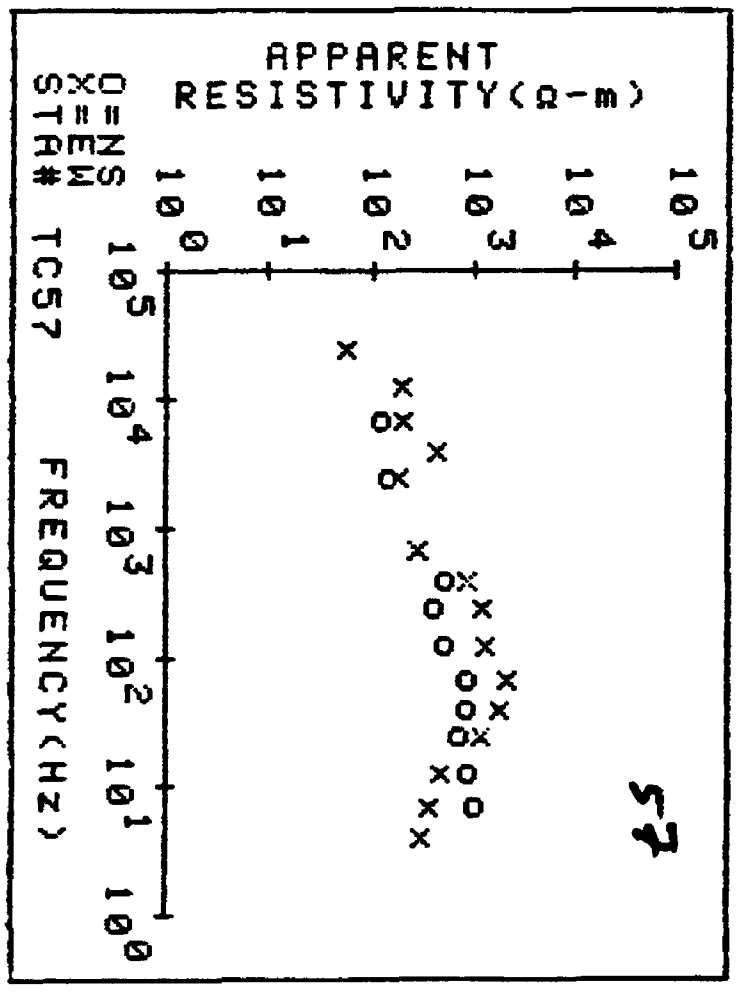
PROJECT=JACKSON HOLE 94

STA. ID_TC57 NS NO FREQ= 10

FREQ	AP-RES	N OBS	STD ERR
7.5	766.00	7	29.00
14.0	642.00	9	150.00
27.0	559.00	10	92.00
45.0	644.00	11	30.00
75.0	675.00	9	33.00
140.0	417.00	10	15.00
270.0	313.00	11	11.00
450.0	416.00	11	2.90
2700.0	113.00	9	2.20
7500.0	99.00	9	23.00

STA. ID_TC57 EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	252.00	5	21.00
7.5	292.00	9	55.00
14.0	379.00	12	45.00
27.0	929.00	9	111.00
45.0	1394.00	13	179.00
75.0	1722.00	13	178.00
140.0	997.00	9	119.00
270.0	937.00	6	36.00
450.0	654.00	10	72.00
750.0	229.00	9	24.00
2700.0	149.00	9	11.00
4500.0	334.00	9	46.00
7500.0	159.00	9	12.00
14000.0	165.00	3	12.00
27000.0	45.00	2	12.00



PROJECT=JACKSON HOLE 94

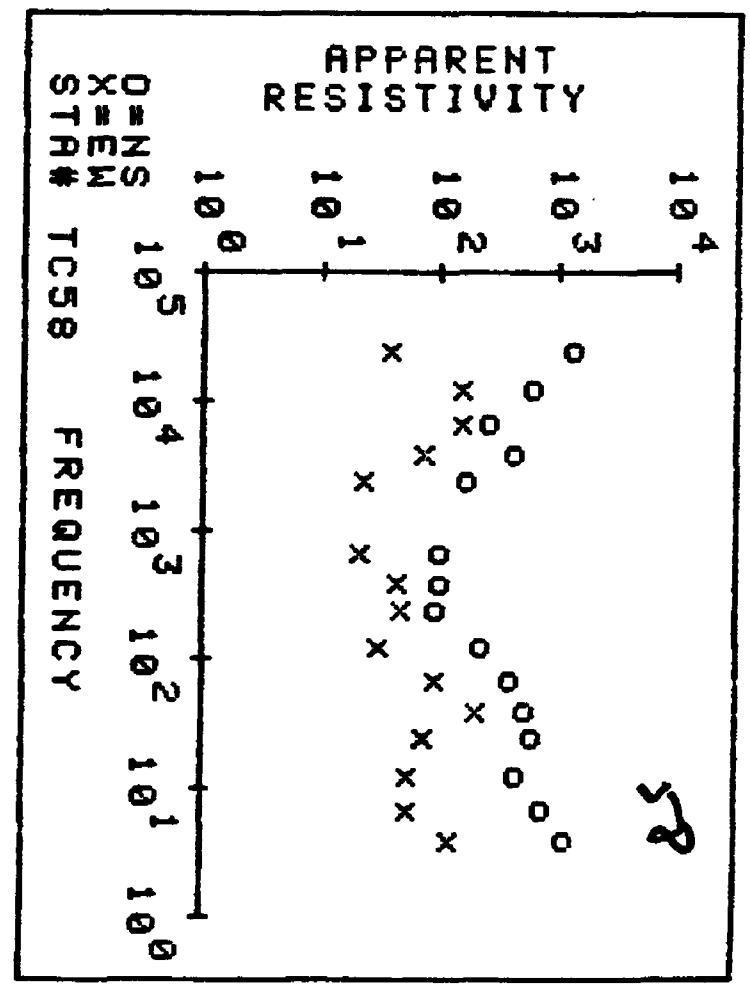
STA. ID_TC58 NS NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	903.09	3	243.96
7.5	575.58	7	95.36
14.0	352.35	6	74.47
27.0	486.11	6	54.75
45.0	415.11	8	27.35
75.0	315.87	9	31.80
140.0	169.13	7	5.52
270.0	73.60	10	4.57
450.0	76.27	8	3.86
750.0	78.92	9	2.65
2700.0	129.70	9	10.00
4500.0	344.07	9	114.60
7500.0	193.00	6	3.70
14000.0	484.94	3	73.83
27000.0	1071.00	1	0.00

STA. ID_TC58 EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	100.04	3	4.25
7.5	43.52	8	10.39
14.0	42.94	8	7.39
27.0	60.00	10	16.98
45.0	166.48	8	17.37
75.0	71.33	8	18.93
140.0	25.02	8	3.60
270.0	38.33	8	7.51
450.0	34.93	7	4.82
750.0	17.11	8	3.45
2700.0	18.82	8	3.38
4500.0	57.33	3	8.94
7500.0	117.48	8	9.56
14000.0	117.03	3	6.06
27000.0	31.01	1	0.00

PROJ= JACKSON HOLE 94



PROJECT=JACKSON HOLE 94

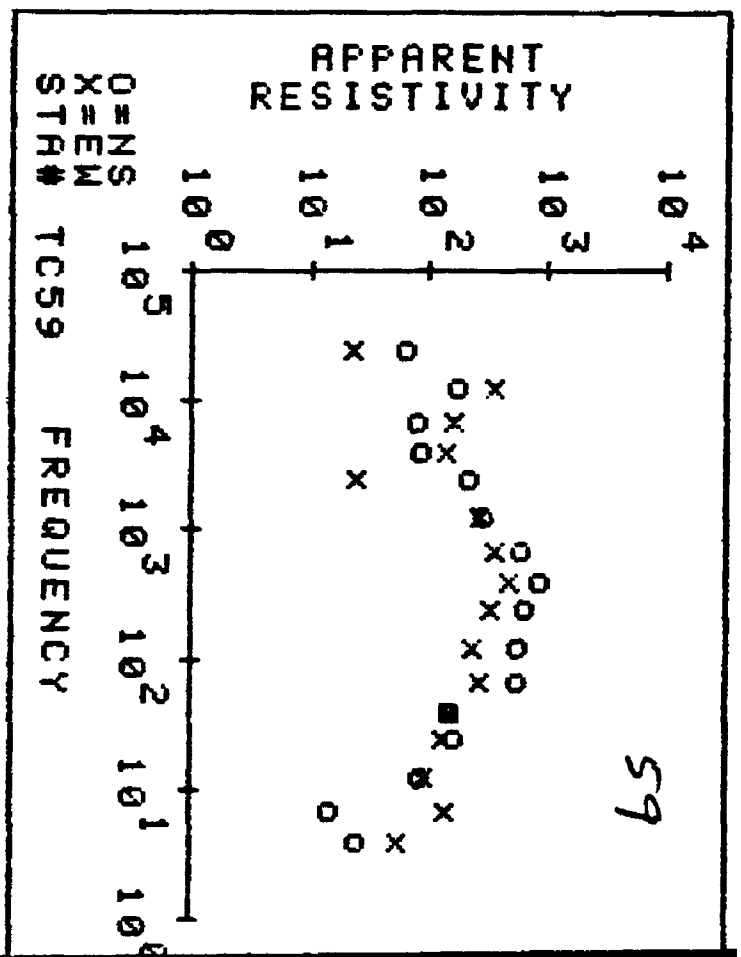
STA. ID_TC59 NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	19.70	3	2.18
7.5	12.21	4	1.52
14.0	68.06	6	15.51
27.0	129.97	9	10.53
45.0	124.04	8	36.03
75.0	451.11	8	24.74
140.0	444.71	8	97.44
270.0	519.98	10	75.96
450.0	680.79	10	34.75
750.0	480.63	10	60.36
1400.0	237.21	5	42.16
2700.0	177.97	7	15.37
4500.0	67.28	6	5.90
7500.0	61.32	6	1.62
14000.0	144.23	3	11.52
27000.0	49.99	1	0.00

STA. ID_TC59 EW NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	42.43	3	2.35
7.5	112.17	5	2.42
14.0	75.14	6	4.34
27.0	102.34	7	5.64
45.0	122.40	8	8.63
75.0	208.72	9	16.58
140.0	188.31	10	12.56
270.0	276.48	10	15.06
450.0	380.05	11	10.85
750.0	279.55	11	20.55
1400.0	210.07	6	24.22
2700.0	19.93	4	5.32
4500.0	108.93	8	10.94
7500.0	126.31	6	4.59
14000.0	278.79	3	2.62
27000.0	18.88	1	0.00

PROJ= JACKSON HOLE 94



PROJ= JACKSON HOLE 94
STA-IDTC60FILE NAME=TC60

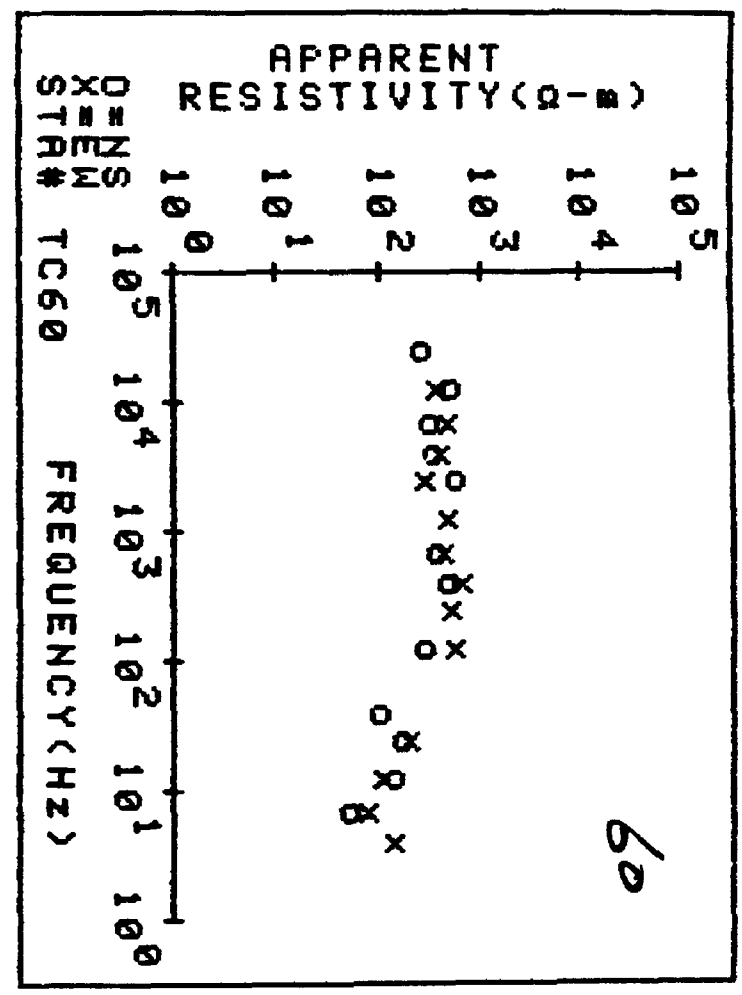
PROJECT=JACKSON HOLE 94

STA. ID_TC60 NS NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
7.5	42.93	9	19.56
14.0	111.48	7	149.56
27.0	136.53	17	32.45
45.0	83.60	1	0.00
140.0	219.62	20	23.33
450.0	382.37	13	32.02
750.0	294.34	8	30.37
2700.0	441.91	3	137.16
4500.0	273.01	21	11.37
7500.0	240.94	20	9.53
14000.0	398.85	3	101.86
27000.0	210.54	1	0.00

STA. ID_TC60 EW NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	117.83	4	81.52
7.5	61.31	15	6.69
14.0	86.46	16	9.38
27.0	158.66	21	5.35
140.0	427.03	13	24.82
270.0	417.91	21	21.41
450.0	524.48	13	10.48
750.0	354.17	13	22.84
1400.0	375.96	5	63.17
2700.0	223.50	6	48.26
4500.0	307.72	23	13.65
7500.0	379.93	12	24.29
14000.0	295.34	2	77.39



PROJECT=JACKSON HOLE 94

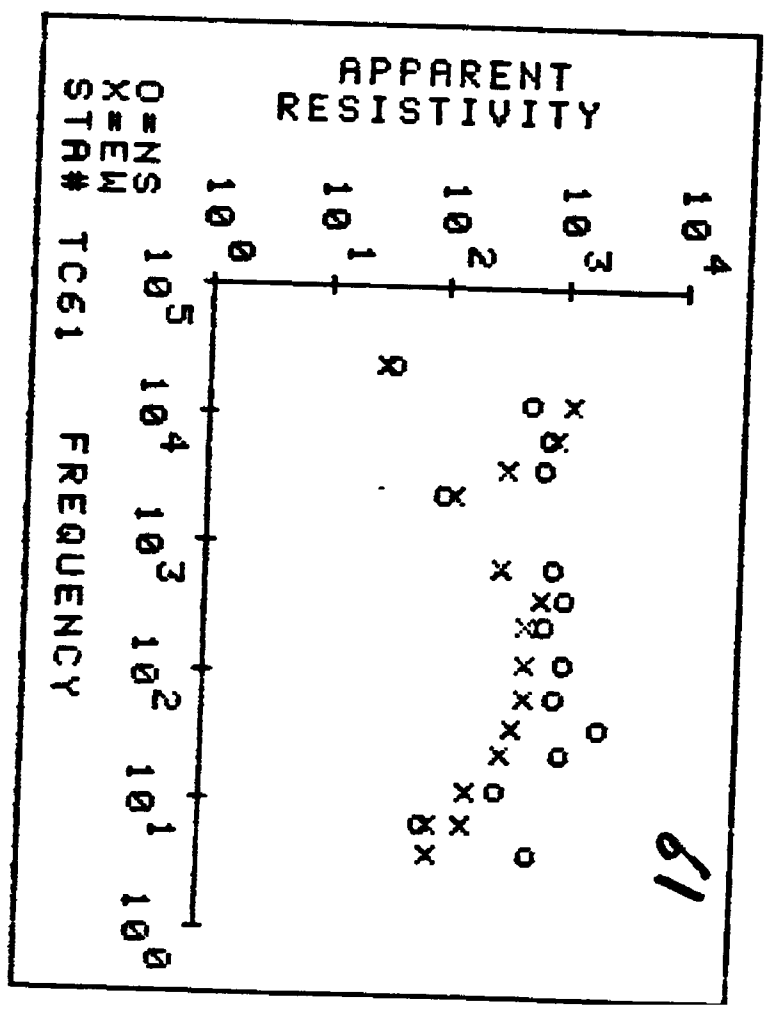
STA. ID_TC61 NS NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	478.65	4	10.11
7.5	58.10	3	2.85
14.0	255.55	3	131.50
27.0	869.13	3	34.18
45.0	1770.50	4	83.88
75.0	725.96	6	273.31
140.0	828.00	7	153.41
270.0	593.98	8	86.70
450.0	825.93	6	18.41
750.0	676.76	6	138.55
2700.0	80.46	6	6.73
4500.0	539.45	11	25.36
7500.0	587.43	8	39.79
14000.0	419.18	3	23.97
27000.0	28.19	1	0.00

STA. ID_TC61 EW NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	69.08	3	4.69
7.5	132.93	4	3.92
7.5	66.34	7	1.64
14.0	142.06	6	9.72
27.0	268.86	7	5.83
45.0	335.52	9	8.54
75.0	418.60	8	95.18
140.0	416.82	9	65.87
270.0	427.11	10	50.75
450.0	540.38	8	53.34
750.0	253.70	8	60.97
2700.0	98.52	3	26.77
4500.0	264.16	8	81.37
7500.0	668.56	8	31.00
14000.0	936.15	3	52.65
27000.0	24.84	1	0.00

PROJ= JACKSON HOLE 94



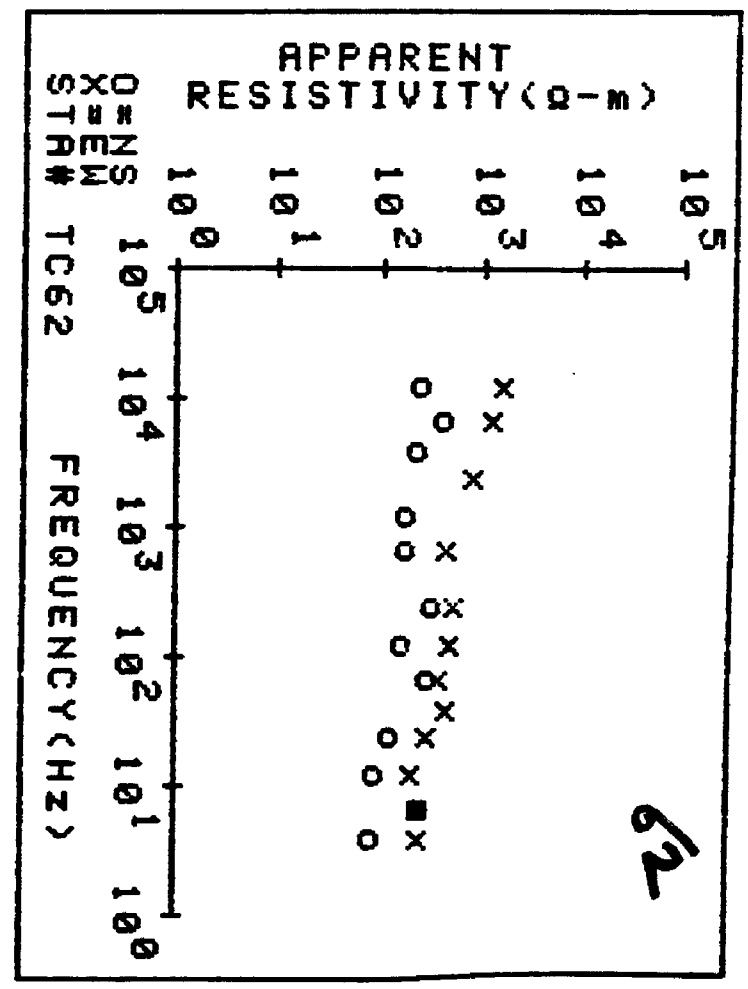
PROJECT=JACKSON HOLE 94

STA. ID_TC62 NS NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	65.15	3	2.27
7.5	184.13	3	3.88
14.0	65.82	8	3.07
27.0	97.53	8	9.16
75.0	221.62	7	84.42
140.0	128.31	7	9.15
270.0	252.21	9	47.13
750.0	139.30	9	21.64
1400.0	132.72	2	17.00
4500.0	168.28	7	34.35
7500.0	310.13	8	38.49
14000.0	191.91	6	21.82

STA. ID_TC62 EW NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	195.44	2	8.74
7.5	182.59	3	8.76
14.0	155.39	8	15.01
27.0	222.45	8	30.12
45.0	326.81	4	38.31
75.0	280.45	7	37.62
140.0	368.17	8	36.02
270.0	388.74	8	40.95
750.0	348.28	8	62.76
2700.0	594.83	3	168.22
7500.0	953.58	4	50.41
14000.0	1211.60	3	79.88



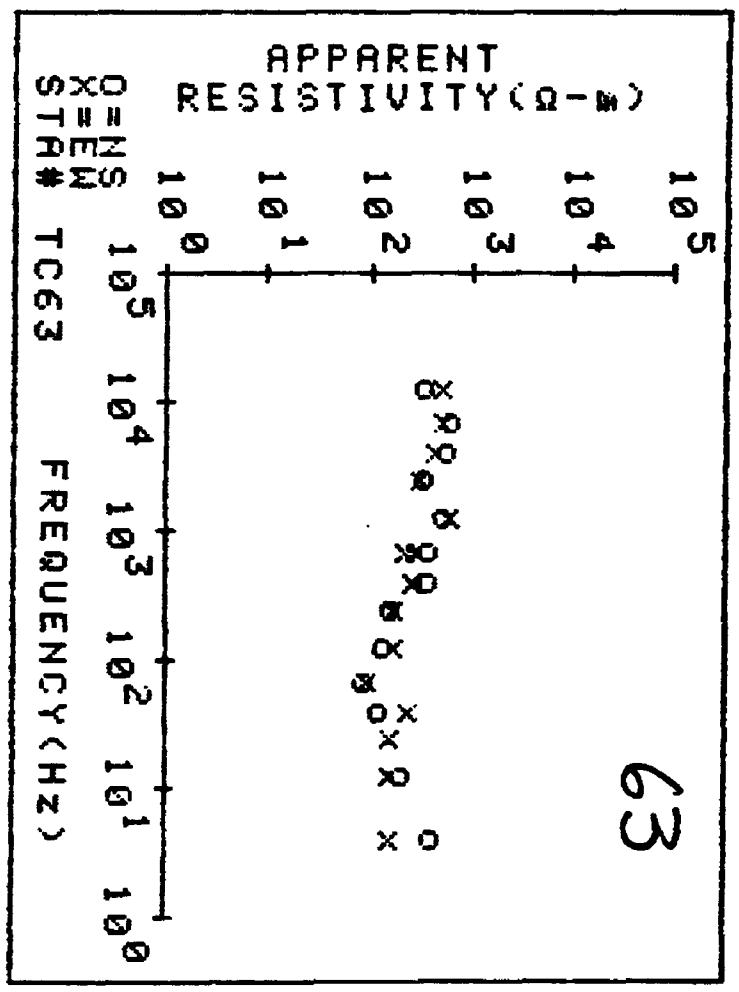
PROJECT=JACKSON HOLE 94

STA. ID_TC63 NS NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	320.52	3	48.49
14.0	163.21	6	54.16
45.0	99.37	4	58.19
75.0	67.35	5	27.72
140.0	103.63	6	17.38
270.0	120.20	9	13.22
450.0	285.91	8	19.32
750.0	283.90	8	77.88
1400.0	416.40	7	41.77
2700.0	261.56	8	30.51
4500.0	428.73	6	23.60
7500.0	485.41	6	32.86
14000.0	272.50	3	29.55

STA. ID_TC63 EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	121.97	4	5.34
14.0	125.95	4	1.81
27.0	121.83	5	144.25
45.0	190.35	4	10.63
75.0	76.83	6	1.20
140.0	129.37	8	48.73
270.0	136.13	8	16.09
450.0	197.53	8	10.57
750.0	180.19	7	33.25
750.0	215.56	8	280.39
1400.0	493.89	7	39.69
2700.0	244.94	8	21.65
4500.0	351.33	6	6.41
7500.0	388.21	3	127.70
14000.0	413.99	3	16.23



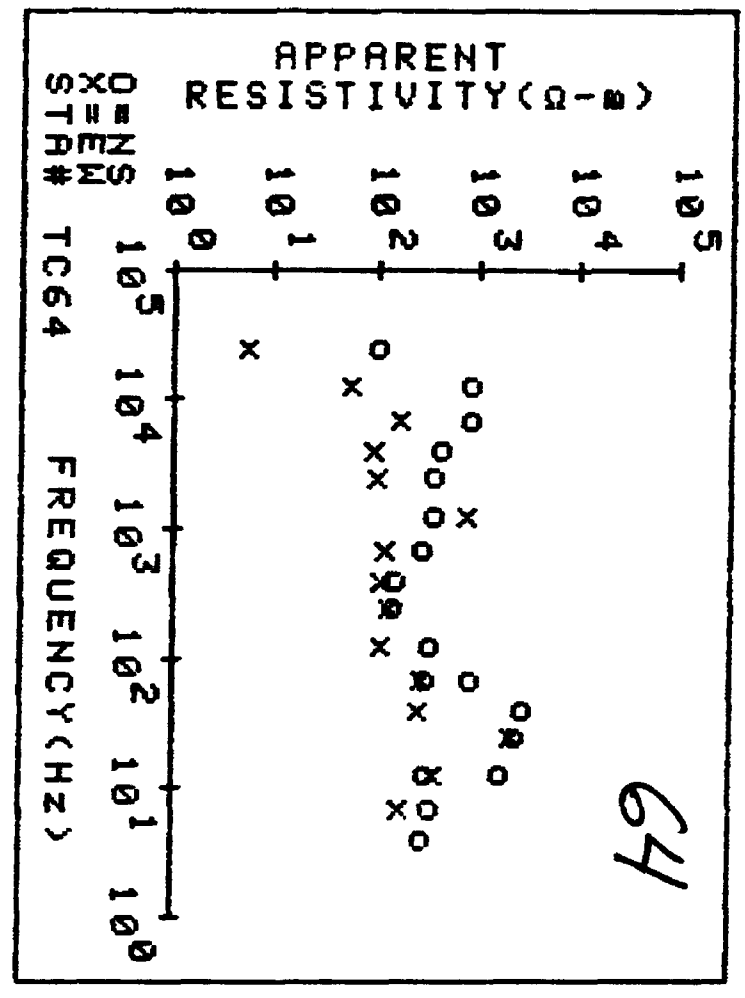
PROJECT=JACKSON HOLE 94

STA. ID_TC64 NS NO FREQ= 18

FREQ	AP-RES	N OBS	STD ERR
4.5	226.39	3	4.20
7.5	274.66	3	152.74
14.0	1354.40	4	262.59
14.0	247.15	4	3.27
27.0	1813.70	5	524.51
45.0	2263.90	9	810.03
75.0	691.66	7	135.71
75.0	247.06	6	27.12
140.0	253.02	9	86.50
270.0	115.27	7	7.76
450.0	123.58	9	15.68
750.0	226.53	9	71.94
1400.0	298.67	1	0.00
2700.0	276.34	10	33.22
4500.0	336.15	8	51.52
7500.0	659.19	10	71.54
14000.0	673.65	3	20.79
27000.0	78.47	6	8.63

STA. ID_TC64 EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
7.5	131.11	4	71.70
14.0	294.49	5	106.51
27.0	1673.30	5	670.67
45.0	212.06	6	34.47
75.0	221.26	8	28.33
140.0	85.37	9	8.95
270.0	105.59	10	11.48
450.0	87.55	9	12.51
750.0	98.68	10	12.41
1400.0	639.41	4	43.83
2700.0	79.49	9	60.75
4500.0	71.71	7	11.36
7500.0	135.45	8	7.98
14000.0	44.25	3	6.16
27000.0	4.28	3	.26



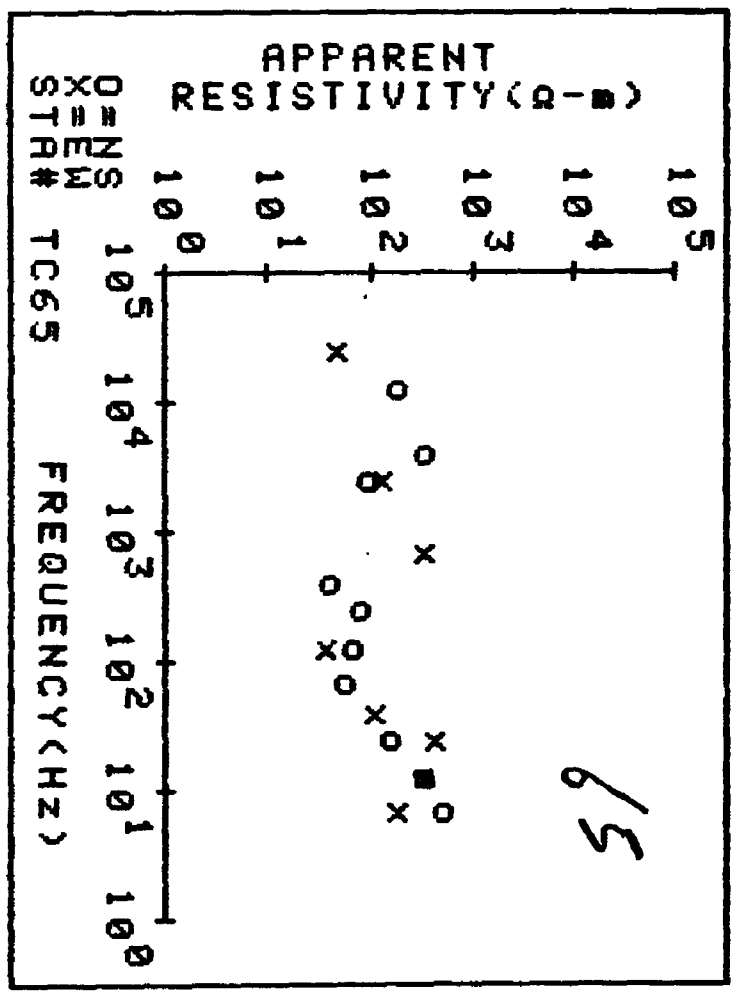
PROJECT=JACKSON HOLE 94

STA. ID_TC65 NS NO FREQ= 10

FREQ	AP-RES	N OBS	STD ERR
7.5	395.66	4	1.77
14.0	264.91	5	12.05
27.0	128.57	4	4.31
75.0	43.71	4	17.40
140.0	54.57	4	.94
270.0	64.14	4	2.77
450.0	32.35	5	4.71
2700.0	71.92	4	4.33
4500.0	270.33	4	36.21
14000.0	141.97	3	8.22

STA. ID_TC65 EW NO FREQ= 8

FREQ	AP-RES	N OBS	STD ERR
7.5	146.96	5	2.45
14.0	272.03	7	44.19
27.0	353.56	6	10.20
45.0	88.52	4	1.95
140.0	29.45	3	1.24
750.0	267.02	6	4.52
2700.0	104.68	5	1.50
27000.0	37.15	1	0.00



PROJECT=JACKSON HOLE 94

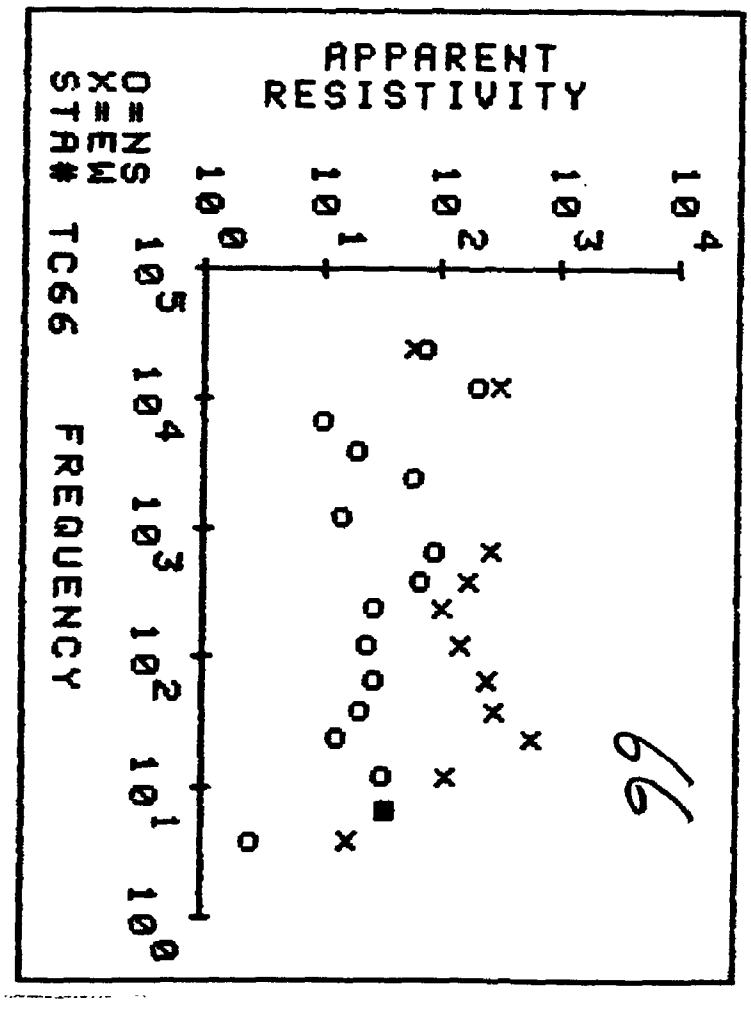
STA. ID_TC66 NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	2.10	5	.25
7.5	28.40	6	2.05
14.0	25.51	9	4.20
27.0	10.93	7	3.45
45.0	16.73	10	1.98
75.0	22.42	10	1.35
140.0	20.27	10	1.04
270.0	23.19	10	1.96
450.0	53.16	9	4.14
750.0	72.87	3	4.50
1400.0	11.63	3	2.90
2700.0	47.51	9	3.48
4500.0	15.73	4	.51
7500.0	8.55	4	.20
14000.0	164.31	3	7.51
27000.0	57.58	1	0.00

STA. ID_TC66 EW NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	14.05	3	.07
7.5	28.29	6	3.58
14.0	91.92	6	3.03
27.0	471.56	8	23.85
45.0	228.12	7	40.45
75.0	202.23	10	8.84
140.0	116.77	9	12.17
270.0	82.11	6	6.29
450.0	139.58	8	11.29
750.0	207.87	7	9.94
14000.0	257.37	3	1.52
27000.0	46.35	3	2.03

PROJ= JACKSON HOLE 94



PROJ= JACKSON HOLE 94
STA-IDTC67FILE NAME=TC67

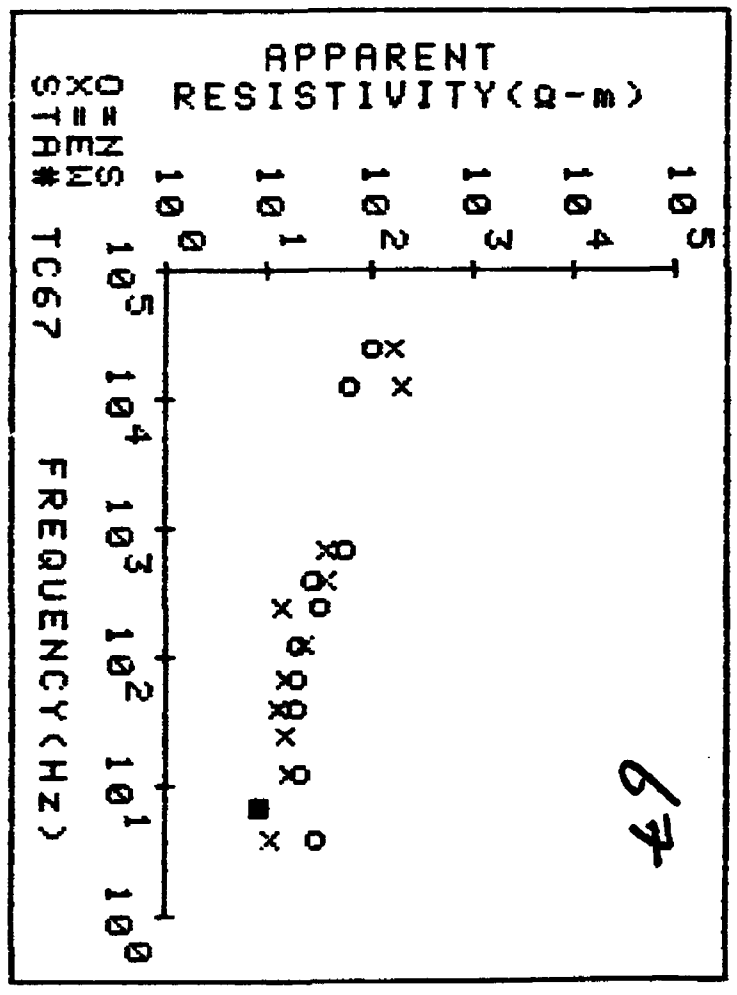
PROJECT=JACKSON HOLE 94

STA. ID_TC67 NS NO FREQ= 11

FREQ	AP-RES	N OBS	STD ERR
4.5	23.61	5	1.22
7.5	6.29	5	.52
14.0	16.07	7	1.10
45.0	14.83	8	2.13
75.0	14.94	10	1.02
140.0	15.52	9	1.55
270.0	24.25	9	2.78
450.0	20.77	7	2.55
750.0	45.76	9	2.72
14000.0	50.09	3	18.51
27000.0	79.53	1	0.00

STA. ID_TC67 EW NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	8.11	4	.40
7.5	6.42	6	.77
14.0	12.46	10	.68
27.0	11.48	9	1.09
45.0	10.24	10	1.04
75.0	12.05	10	1.70
140.0	17.71	9	1.08
270.0	10.61	8	1.85
450.0	30.61	6	3.97
750.0	30.53	5	2.76
14000.0	165.64	3	.36
27000.0	133.81	3	7.89



PROJECT=JACKSON HOLE 94

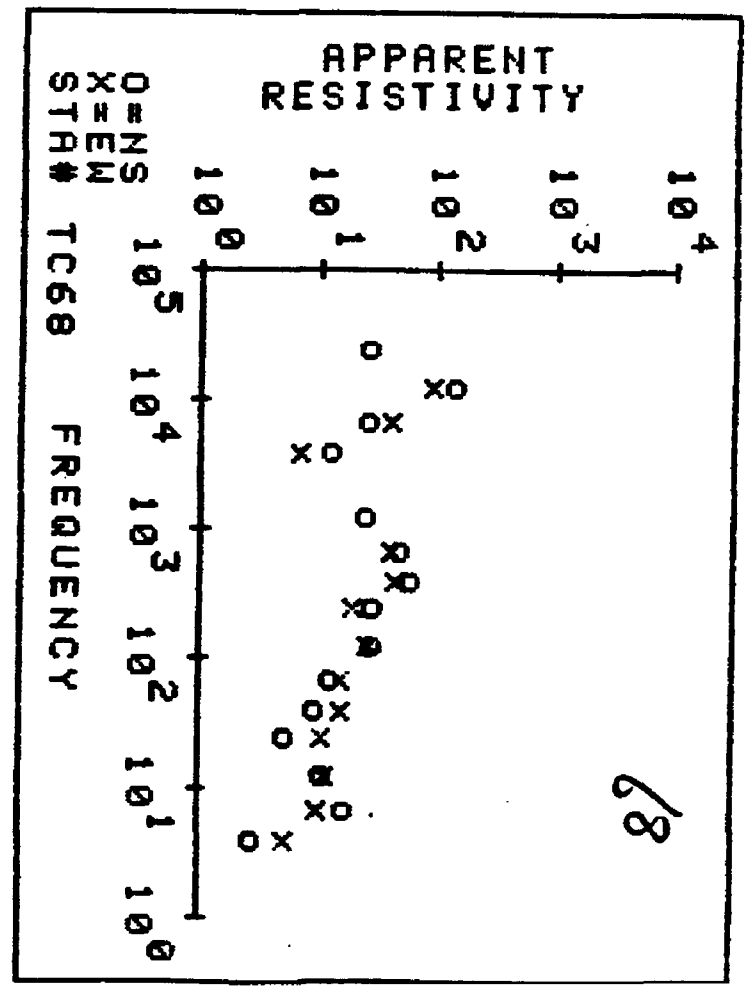
STA. ID_TC68 NS NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	2.30	3	.40
7.5	13.30	3	1.07
14.0	8.61	9	.61
27.0	4.47	10	.75
45.0	7.78	10	1.08
75.0	10.00	9	1.01
140.0	23.48	9	3.05
270.0	23.10	8	4.34
450.0	47.81	7	7.41
750.0	38.81	7	4.87
1400.0	20.33	3	.61
4500.0	10.33	3	.43
7500.0	20.72	7	3.33
14000.0	109.16	3	1.85
27000.0	21.49	3	1.40

STA. ID_TC68 EW NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	4.22	3	.59
7.5	8.08	8	.76
14.0	9.26	11	.42
27.0	9.09	10	.65
45.0	12.48	10	.71
75.0	13.23	10	1.45
140.0	21.13	10	1.66
270.0	16.23	8	2.14
450.0	35.97	9	2.72
750.0	32.12	9	4.54
4500.0	5.60	4	.28
7500.0	32.49	5	2.19
14000.0	70.40	3	1.48

PROJ= JACKSON HOLE 94



PROJECT=JACKSON HOLE 94

STA. ID_TC69 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	9.62	3	.51
7.5	20.94	6	9.77
14.0	19.99	7	9.43
27.0	54.23	9	5.94
45.0	52.35	10	3.19
75.0	39.90	10	3.92
140.0	21.11	10	1.75
270.0	25.31	7	2.09
450.0	46.20	10	4.47
750.0	20.19	6	.95
4500.0	19.14	10	2.57
7500.0	19.65	9	2.55
14000.0	42.14	5	5.09
27000.0	57.00	6	2.24

STA. ID_TC69 EW NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	9.31	3	.19
7.5	3.70	9	.63
14.0	11.69	10	1.19
27.0	53.11	10	10.59
45.0	59.77	10	5.69
75.0	66.87	11	3.25
140.0	29.16	10	2.94
270.0	31.64	10	2.27
450.0	29.99	9	5.22
750.0	39.00	9	2.35
1400.0	31.14	3	2.59
2700.0	31.54	4	3.25
4500.0	9.92	9	1.51
7500.0	34.92	11	2.59
14000.0	76.61	6	1.30
27000.0	33.14	5	10.53

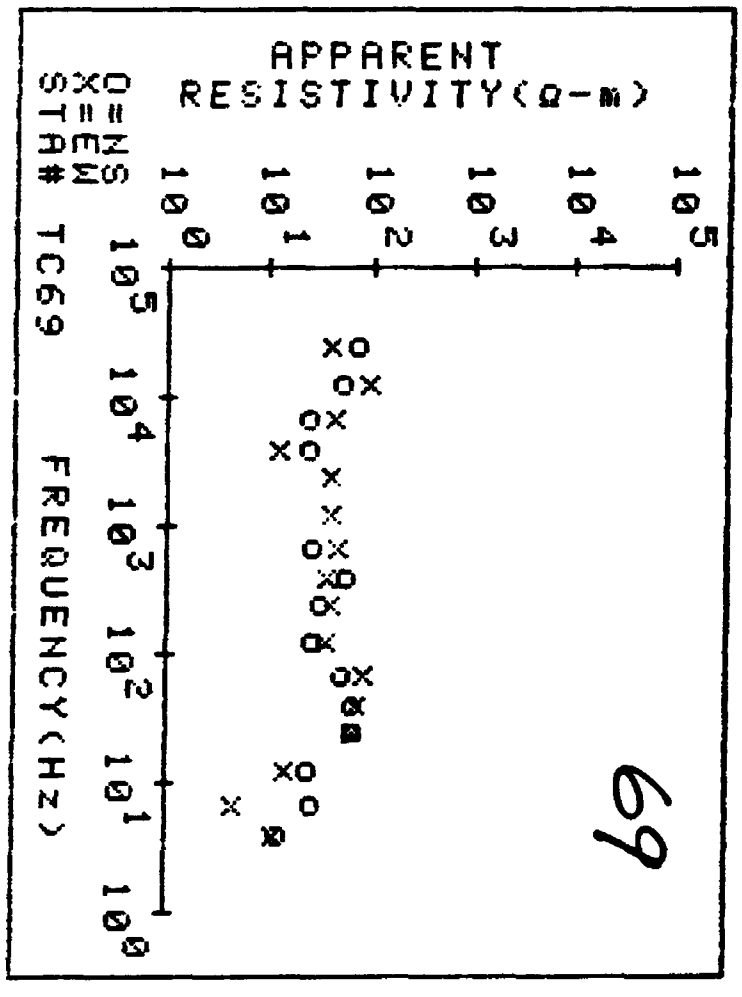
PROJECT=JACKSON HOLE 94

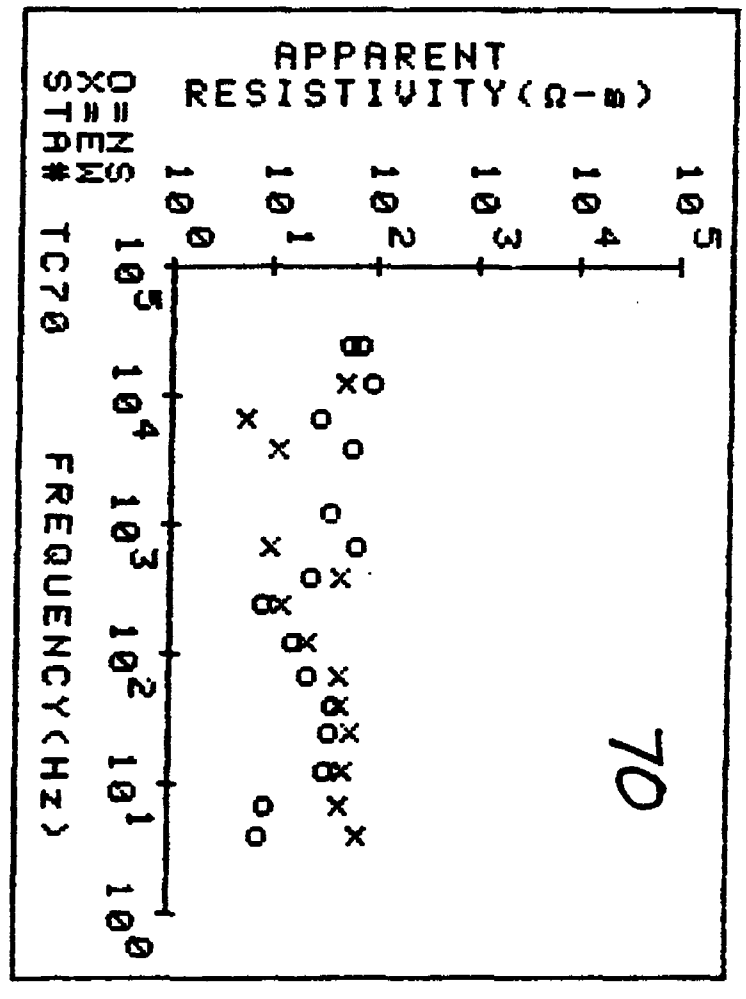
STA. ID_TC70 NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	5.91	3	.29
7.5	7.08	5	.41
14.0	27.88	5	5.12
27.0	29.79	6	5.26
45.0	33.29	10	1.95
75.0	17.51	10	2.33
140.0	13.17	11	.85
270.0	6.42	9	3.48
450.0	18.64	8	.89
750.0	53.82	10	7.64
1400.0	29.30	3	.18
4500.0	47.69	3	7.20
7500.0	22.37	6	1.28
14000.0	75.88	3	7.63
27000.0	45.18	4	1.67
27000.0	56.02	3	1.39

STA. ID_TC70 EW NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	60.08	3	22.30
7.5	38.43	3	2.87
14.0	40.92	7	4.04
27.0	48.45	9	4.72
45.0	36.90	9	3.93
75.0	37.84	7	.98
140.0	18.20	10	3.52
270.0	9.63	9	1.49
450.0	37.23	4	.75
750.0	7.82	5	.93
4500.0	8.98	3	.53
7500.0	4.19	4	.11
14000.0	41.53	3	.13





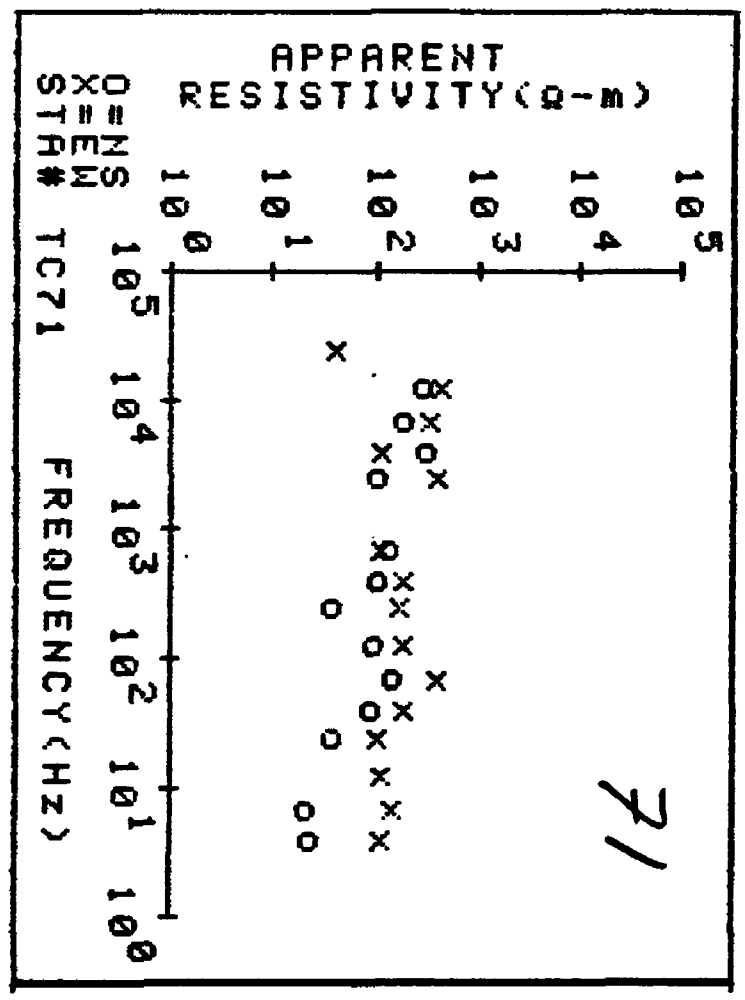
PROJECT=JACKSON HOLE 94

STA. ID_TC71 NS NO FREQ= 13

FREQ	AP-RES	N OBS	STD ERR
4.5	17.32	3	.33
7.5	16.20	8	.90
27.0	30.06	9	5.97
45.0	67.92	6	1.48
75.0	110.21	6	16.44
140.0	75.09	5	107.68
270.0	30.16	10	2.44
450.0	80.86	9	5.03
750.0	107.64	10	11.50
2700.0	83.71	6	8.19
4500.0	240.90	8	26.36
7500.0	141.28	6	11.79
14000.0	231.85	3	27.99

STA. ID_TC71 EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	84.55	6	2.95
7.5	108.82	7	15.15
14.0	88.91	8	1.98
27.0	78.17	8	6.65
45.0	144.92	6	1.94
75.0	317.90	6	59.64
140.0	140.45	9	25.03
270.0	130.10	9	9.96
450.0	145.37	9	15.34
750.0	87.27	8	3.38
2700.0	306.95	10	19.48
4500.0	89.23	6	9.12
7500.0	253.22	6	28.96
14000.0	337.01	3	3.10
27000.0	30.75	3	.80



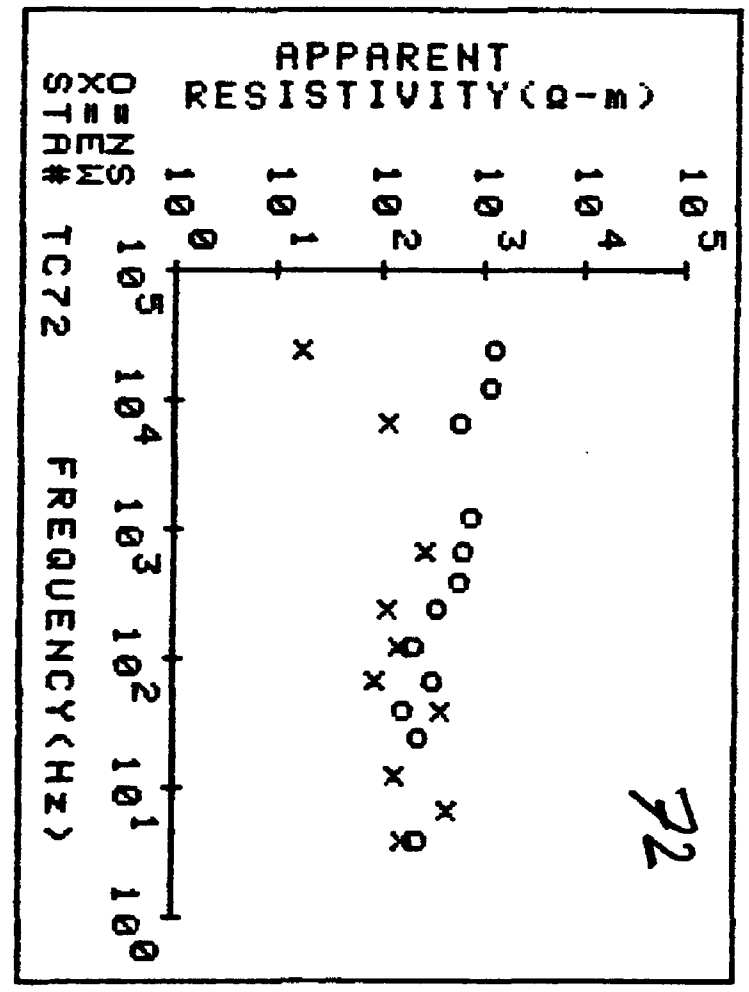
PROJECT=JACKSON HOLE 94

STA. ID_TC72 NS NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	185.42	3	16.84
27.0	189.84	6	11.09
45.0	134.34	7	20.15
75.0	255.58	9	29.11
140.0	174.99	10	18.14
270.0	286.34	11	23.80
450.0	459.66	8	10.14
750.0	517.50	9	40.47
1400.0	633.47	3	15.61
7500.0	469.23	5	21.43
14000.0	912.07	3	90.26
27000.0	1055.80	1	0.00

STA. ID_TC72 EW NO FREQ= 11

FREQ	AP-RES	N OBS	STD ERR
4.5	134.14	3	15.44
7.5	384.27	5	12.09
14.0	114.62	6	4.27
45.0	305.88	6	4.17
75.0	73.58	8	13.11
140.0	121.95	11	24.29
270.0	99.67	8	26.32
750.0	218.90	5	3.31
7500.0	96.27	8	10.82
7500.0	94.29	5	5.82
27000.0	13.73	1	0.00



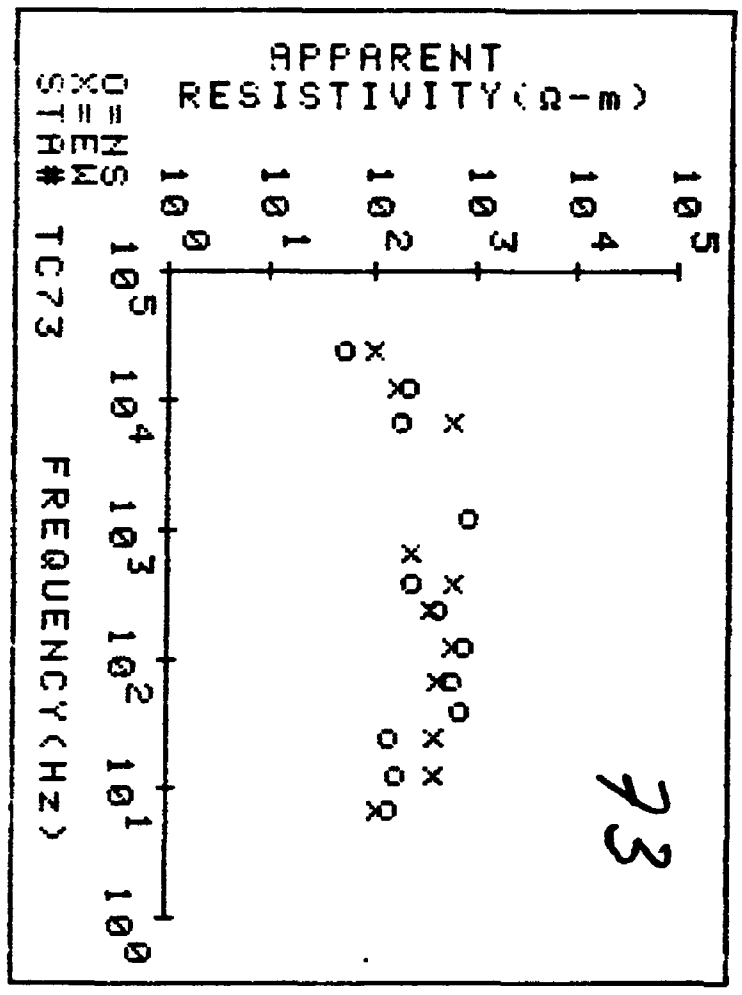
PROJECT=JACKSON HOLE 94

STA. ID_TC73 NS NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
7.5	109.13	3	.80
14.0	132.53	5	2.44
27.0	111.46	8	25.12
45.0	557.90	7	99.99
75.0	473.94	7	26.11
140.0	612.95	8	95.75
270.0	336.24	8	43.29
450.0	193.01	7	42.55
1400.0	679.43	4	22.65
7500.0	149.20	6	35.28
14000.0	177.45	3	11.48
27000.0	39.58	1	0.00

STA. ID_TC73 EW NO FREQ= 11

FREQ	AP-RES	N OBS	STD ERR
7.5	85.97	3	1.76
14.0	300.97	4	15.74
27.0	305.25	3	16.99
75.0	333.52	8	87.93
140.0	495.93	8	22.84
270.0	275.56	8	40.98
450.0	485.48	7	30.96
750.0	181.35	5	29.03
7500.0	465.13	4	13.51
14000.0	138.42	3	17.77
27000.0	78.74	1	0.00



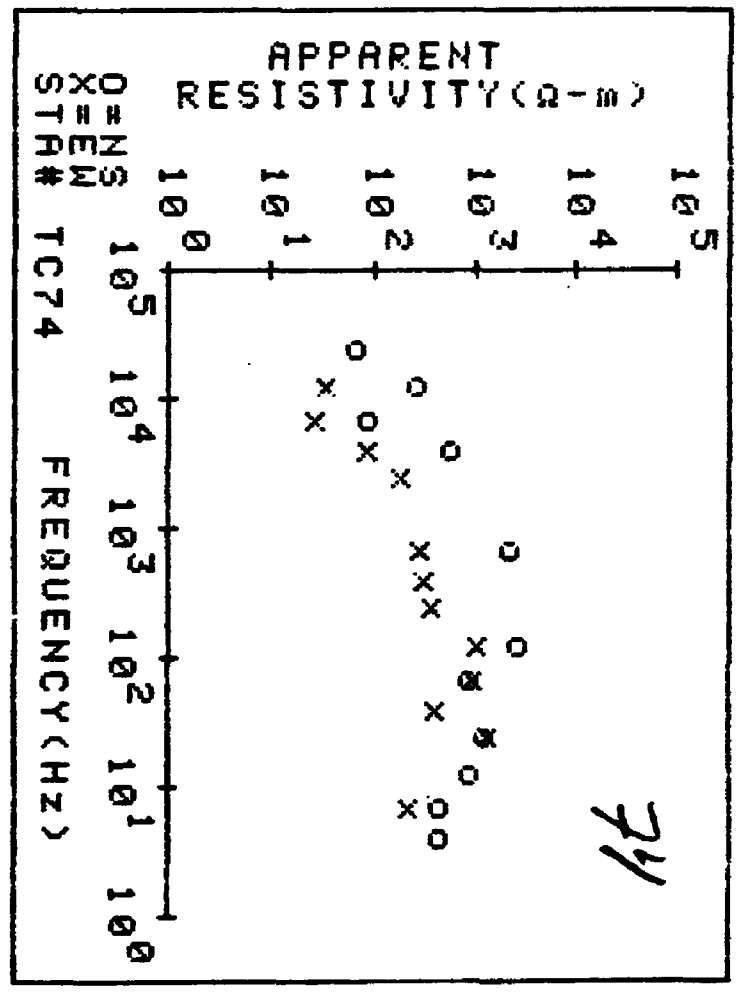
PROJECT=JACKSON HOLE 94

STA. ID_TC74 NS NO FREQ= 11

FREQ	AP-RES	N OBS	STD ERR
4.5	332.96	4	22.52
7.5	341.97	3	32.59
14.0	678.03	4	47.81
27.0	949.76	4	165.94
75.0	693.52	6	101.81
140.0	1935.20	6	138.26
750.0	1684.60	4	50.81
4500.0	422.40	6	36.18
7500.0	66.85	4	2.24
14000.0	206.26	3	17.20
27000.0	52.47	3	1.15

STA. ID_TC74 EW NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
7.5	169.83	3	2.00
27.0	1045.10	5	320.71
45.0	309.73	7	42.23
75.0	741.80	6	95.47
140.0	800.00	8	54.61
270.0	283.69	6	14.11
450.0	232.93	10	34.10
750.0	222.51	9	7.67
2700.0	140.20	5	16.67
4500.0	70.44	7	10.87
7500.0	21.42	3	1.93
14000.0	26.63	3	2.47



PROJ= JACKSON HOLE 94
STA-IDTC75FILE NAME=TC75

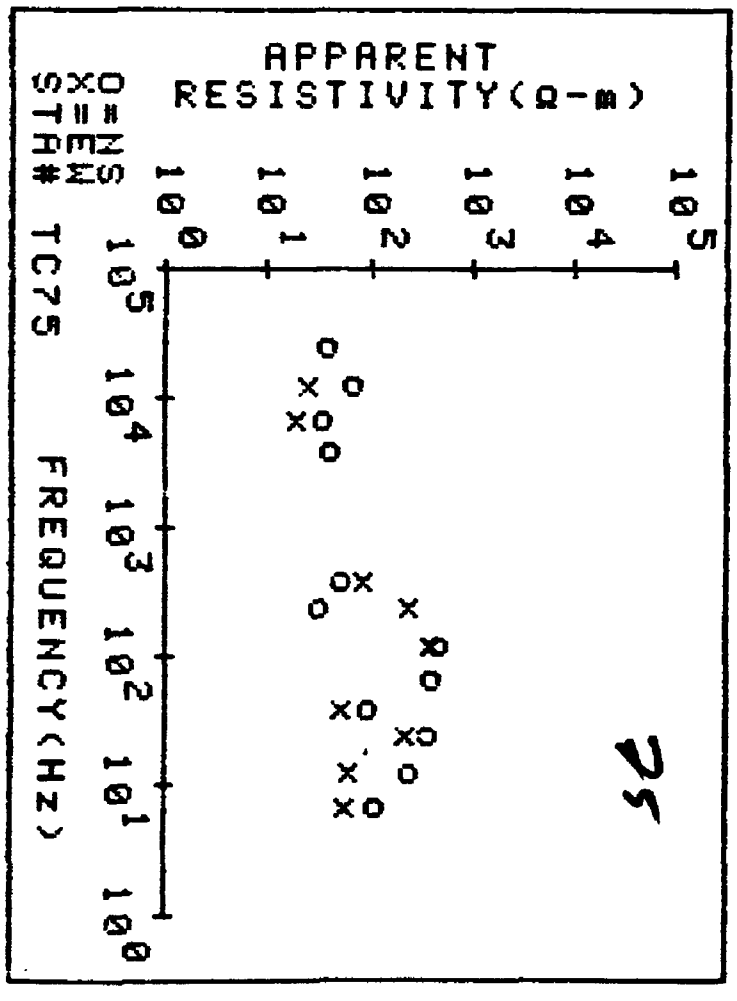
PROJECT=JACKSON HOLE 94

STA. ID_TC75 NS NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
7.5	84.94	5	8.37
14.0	189.79	5	16.50
27.0	286.80	8	50.20
45.0	76.10	7	1.72
75.0	319.04	7	14.29
140.0	383.49	8	17.21
270.0	24.33	6	1.28
450.0	42.77	8	8.20
4500.0	31.72	10	2.65
7500.0	26.20	9	.94
14000.0	51.11	3	1.26
27000.0	28.57	1	0.00

STA. ID_TC75 EW NO FREQ= 9

FREQ	AP-RES	N OBS	STD ERR
7.5	45.54	6	3.00
14.0	49.19	4	1.07
27.0	171.56	6	16.24
45.0	42.41	7	8.65
140.0	300.56	9	13.78
270.0	190.36	11	13.24
450.0	67.33	8	12.03
7500.0	14.77	7	.37
14000.0	19.89	3	.45



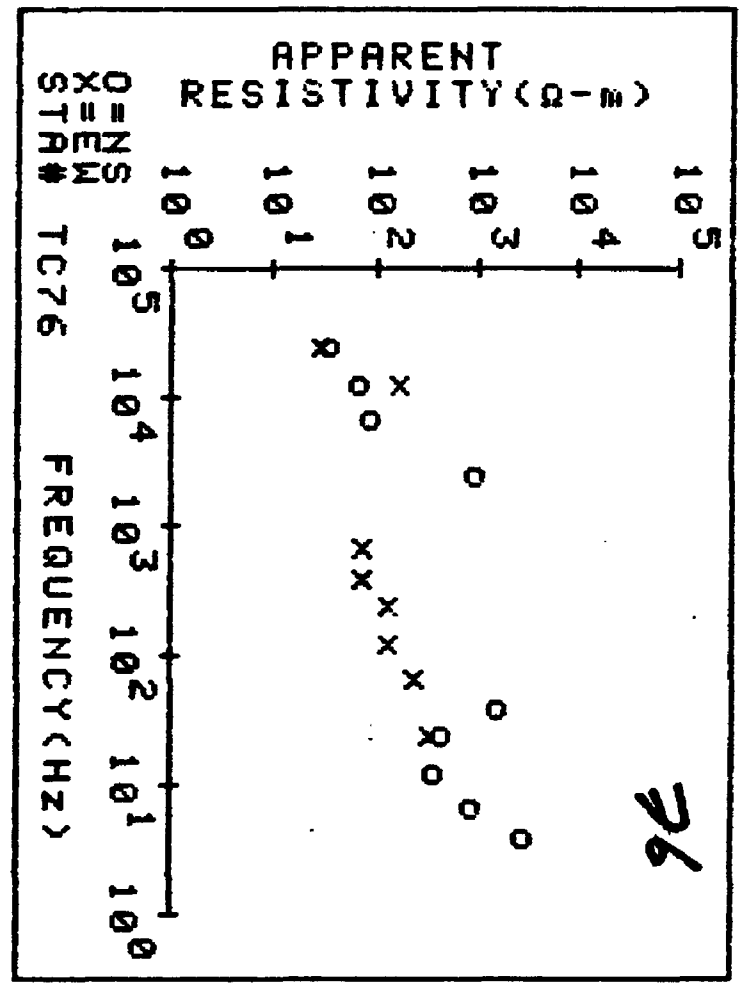
PROJECT=JACKSON HOLE 94

STA. ID_TC76 NS NO FREQ= 9

FREQ	AP-RES	N OBS	STD ERR
4.5	2088.00	4	84.53
7.5	675.70	3	60.52
14.0	295.09	3	24.55
27.0	353.97	3	29.38
45.0	1173.10	4	18.21
2700.0	709.94	6	152.06
7500.0	68.66	3	3.52
14000.0	53.50	3	2.56
27000.0	26.54	1	0.00

STA. ID_TC76 EW NO FREQ= 8

FREQ	AP-RES	N OBS	STD ERR
27.0	260.27	5	6.18
75.0	181.46	8	22.07
140.0	103.17	9	14.50
270.0	100.32	4	.80
450.0	60.22	7	1.83
750.0	60.17	7	2.23
14000.0	130.60	3	1.84
27000.0	22.64	3	1.18

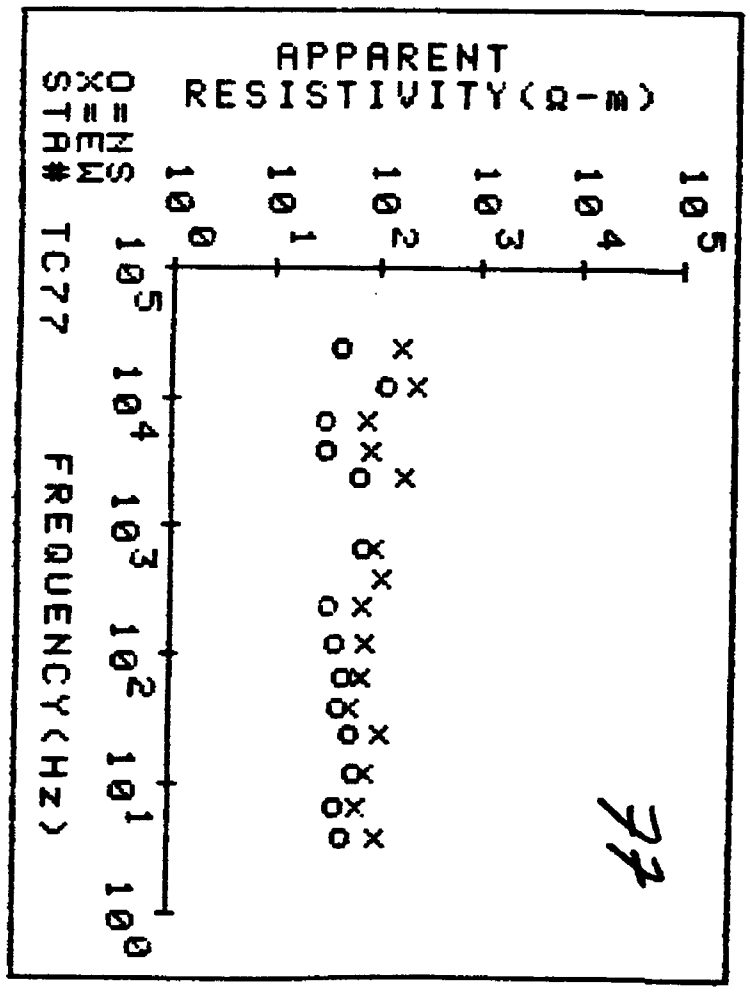


STA. ID_TC77 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	38.77	3	2.04
7.5	31.79	8	1.05
14.0	50.09	5	15.48
27.0	43.20	8	16.30
45.0	35.81	8	5.20
75.0	38.42	9	4.90
140.0	31.05	9	2.99
270.0	27.91	9	3.83
750.0	57.35	8	5.28
2700.0	51.27	5	1.43
4500.0	23.84	10	3.82
7500.0	24.64	6	1.59
14000.0	97.35	3	9.30
27000.0	33.92	1	0.00

STA. ID_TC77 EW NO FREQ= 15

FREQ	AP-RES	N OBS	STD ERR
4.5	83.50	5	9.24
7.5	52.04	9	3.11
14.0	60.61	4	18.59
27.0	90.62	5	21.75
45.0	44.93	3	15.47
75.0	57.68	7	5.28
140.0	64.74	10	14.76
270.0	56.04	8	3.59
450.0	89.25	8	13.38
750.0	74.07	10	3.93
2700.0	144.26	8	12.77
4500.0	69.75	7	5.37
7500.0	60.71	5	7.71
14000.0	182.64	3	2.55
27000.0	129.69	1	0.00



PROJ= JACKSON HOLE 94
STA-IDTC78FILE NAME=TC78

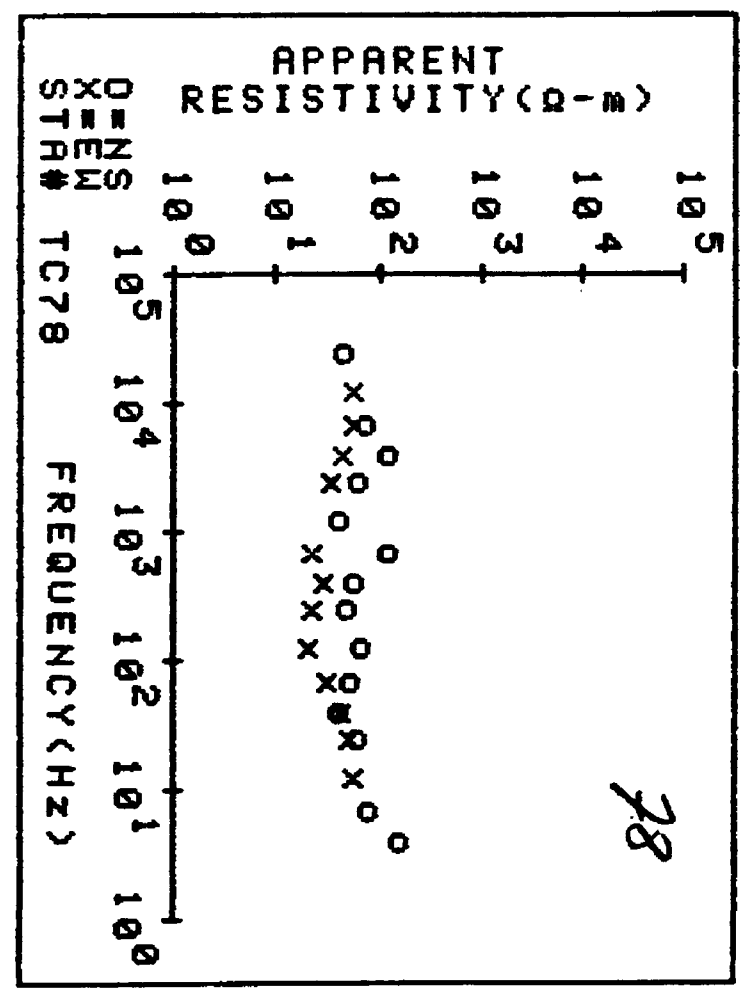
PROJECT=JACKSON HOLE 94

STA. ID_TC78 NS NO FREQ= 14

FREQ	AP-RES	N OBS	STD ERR
4.5	128.26	7	4.75
7.5	60.51	3	3.38
27.0	47.08	6	2.00
45.0	33.10	8	3.83
75.0	42.45	9	4.10
140.0	54.04	7	2.00
270.0	37.93	8	3.72
450.0	45.85	8	3.88
750.0	95.99	8	9.28
1400.0	30.98	8	1.88
2700.0	49.64	10	3.10
4500.0	94.50	7	5.33
7500.0	59.32	8	3.82
27000.0	34.43	4	1.17

STA. ID_TC78 EW NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
14.0	43.11	1	0.00
27.0	40.27	6	4.55
45.0	34.50	9	11.99
75.0	24.74	8	1.94
140.0	15.67	8	1.57
270.0	17.72	8	1.78
450.0	22.37	8	2.47
750.0	17.12	8	2.16
2700.0	26.10	3	1.06
4500.0	35.10	11	4.54
7500.0	43.25	9	1.48
14000.0	45.30	3	4.87



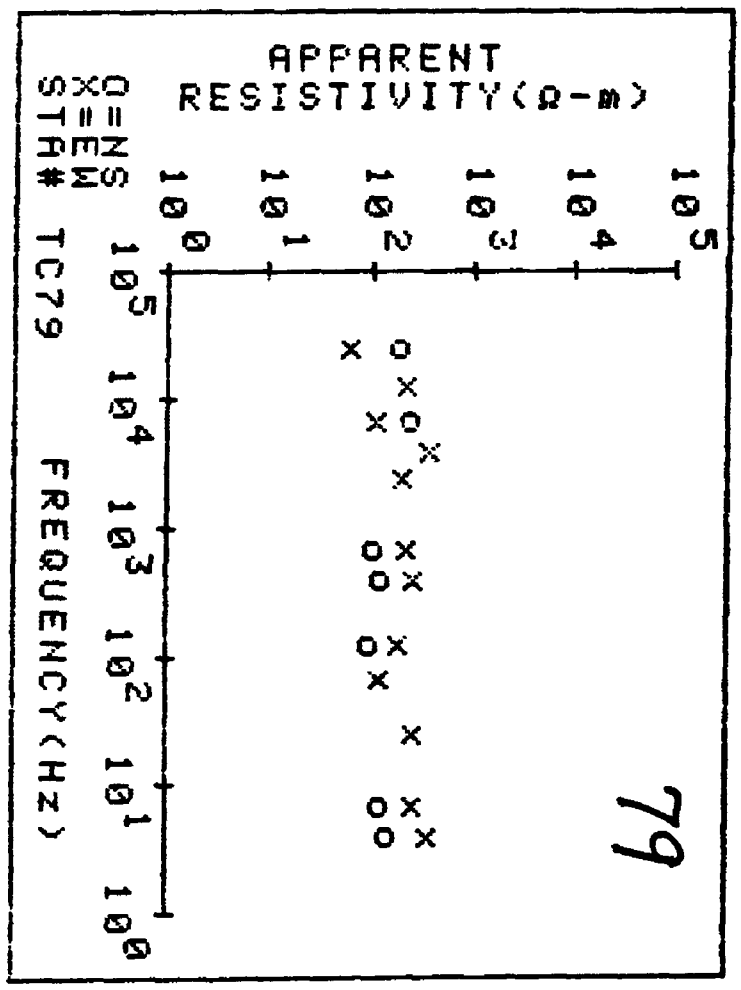
PROJECT=JACKSON HOLE 94

STA. ID_TC79 NS NO FREQ= 7

FREQ	AP-RES	N OBS	STD ERR
4.5	113.40	1	0.00
7.5	97.55	4	6.20
140.0	71.65	6	8.71
450.0	96.70	6	3.49
750.0	84.13	7	1.15
7500.0	189.53	7	9.40
27000.0	148.82	3	3.91

STA. ID_TC79 EW NO FREQ= 12

FREQ	AP-RES	N OBS	STD ERR
4.5	285.68	3	16.67
7.5	206.41	3	38.35
27.0	205.70	6	2.72
75.0	94.49	8	18.25
140.0	148.31	6	42.75
450.0	205.62	7	13.73
750.0	167.18	6	60.94
2700.0	164.81	5	3.20
4500.0	293.11	4	15.24
7500.0	89.82	7	5.91
14000.0	176.80	3	5.95
27000.0	47.25	4	2.87



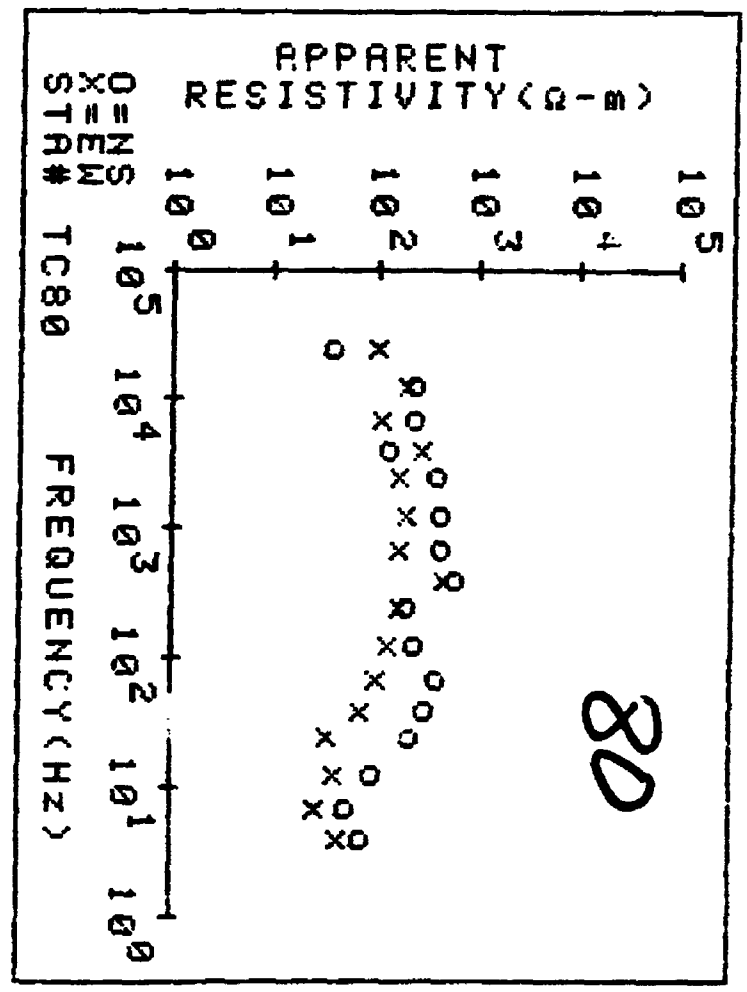
PROJECT=JACKSON HOLE 94

STA. ID_TC80 NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	56.23	6	5.40
7.5	40.74	5	1.03
14.0	76.29	8	6.48
27.0	178.50	10	13.58
45.0	244.81	6	7.37
75.0	321.16	10	96.22
140.0	188.57	10	24.38
270.0	162.66	10	12.65
450.0	490.41	11	46.57
750.0	351.46	8	38.27
1400.0	330.25	4	35.28
2700.0	320.41	5	27.60
4500.0	102.85	8	31.40
7500.0	185.03	10	21.00
14000.0	181.57	4	8.25
27000.0	28.89	4	.70

STA. ID_TC80 EW NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	33.45	6	.57
7.5	20.15	10	3.23
14.0	33.19	10	1.11
27.0	28.07	9	2.85
45.0	59.26	7	1.98
75.0	79.23	10	3.07
140.0	103.58	10	2.29
270.0	139.08	10	6.64
450.0	358.47	8	46.31
750.0	129.93	7	11.31
1400.0	157.47	7	10.39
2700.0	137.44	8	3.18
4500.0	219.06	11	16.13
7500.0	84.77	4	3.26
14000.0	155.33	4	2.92
27000.0	81.09	9	10.73



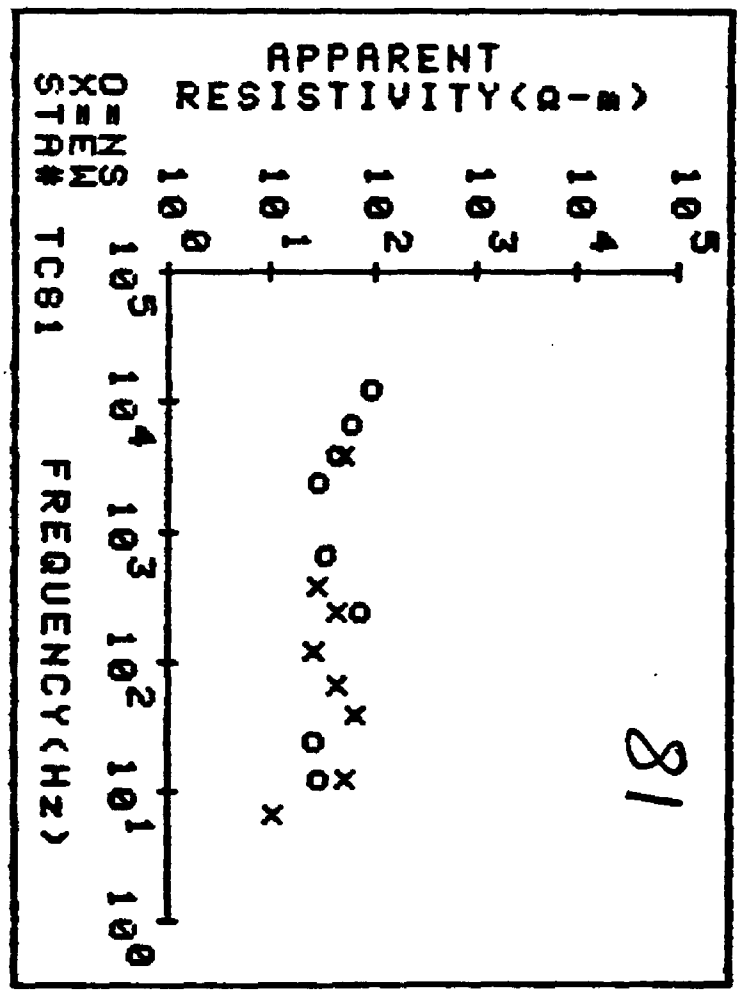
PROJECT=JACKSON HOLE 94

STA. ID_TC81 NS NO FREQ= 8

FREQ	AP-RES	N OBS	STD ERR
14.0	23.19	4	7.60
27.0	20.72	2	1.22
270.0	58.55	4	28.87
750.0	27.58	4	4.22
2700.0	23.57	7	6.52
4500.0	35.74	2	.15
7500.0	49.75	5	12.69
14000.0	76.63	1	0.00

STA. ID_TC81 EW NO FREQ= 8

FREQ	AP-RES	N OBS	STD ERR
7.5	8.21	4	6.93
14.0	40.04	1	0.00
45.0	54.75	2	2.27
75.0	35.69	4	7.12
140.0	20.77	3	.74
270.0	34.35	3	3.26
450.0	23.67	3	.23
4500.0	42.73	3	.72

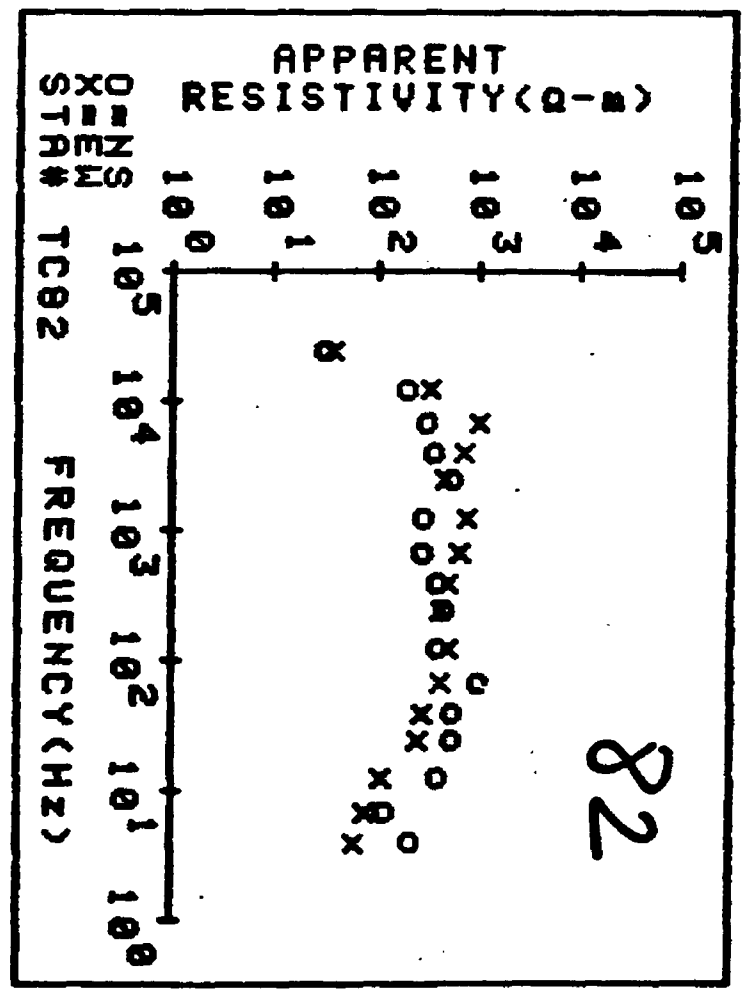


STA. ID_TC82 NS NO FREQ= 16

FREQ	AP-RES	N OBS	STD ERR
4.5	169.13	7	95.00
7.5	93.26	7	15.82
14.0	302.44	10	108.05
27.0	433.93	19	87.20
45.0	438.15	18	63.15
75.0	766.54	22	68.56
140.0	309.62	24	39.41
270.0	385.74	4	93.62
450.0	306.53	5	21.83
750.0	216.24	6	33.03
1400.0	229.48	6	61.13
2700.0	439.05	6	60.50
4500.0	280.73	4	51.58
7500.0	244.72	18	16.98
14000.0	157.89	8	57.30
27000.0	24.58	17	8.29

STA. ID_TC82 EW NO FREQ= 16

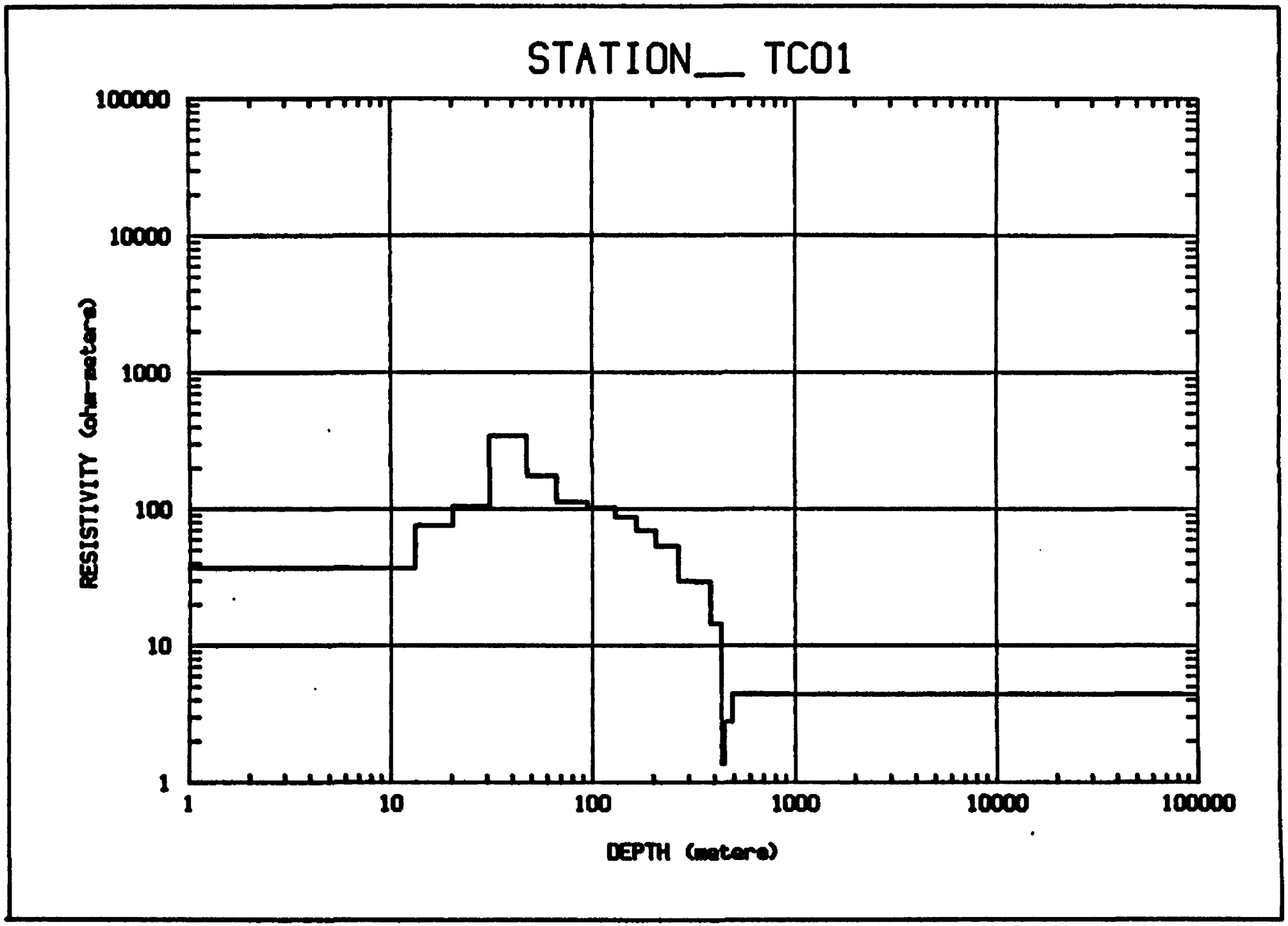
FREQ	AP-RES	N OBS	STD ERR
4.5	50.82	2	6.68
7.5	63.47	7	15.86
14.0	87.08	12	9.95
27.0	205.98	12	40.26
45.0	219.59	11	35.07
75.0	326.24	15	34.91
140.0	392.23	12	60.48
270.0	350.97	7	17.90
450.0	401.29	7	25.41
750.0	512.60	6	78.78
1400.0	631.53	9	394.61
2700.0	379.13	6	50.08
4500.0	587.91	11	86.70
7500.0	772.38	16	30.60
14000.0	272.00	6	44.35
27000.0	30.14	20	11.67



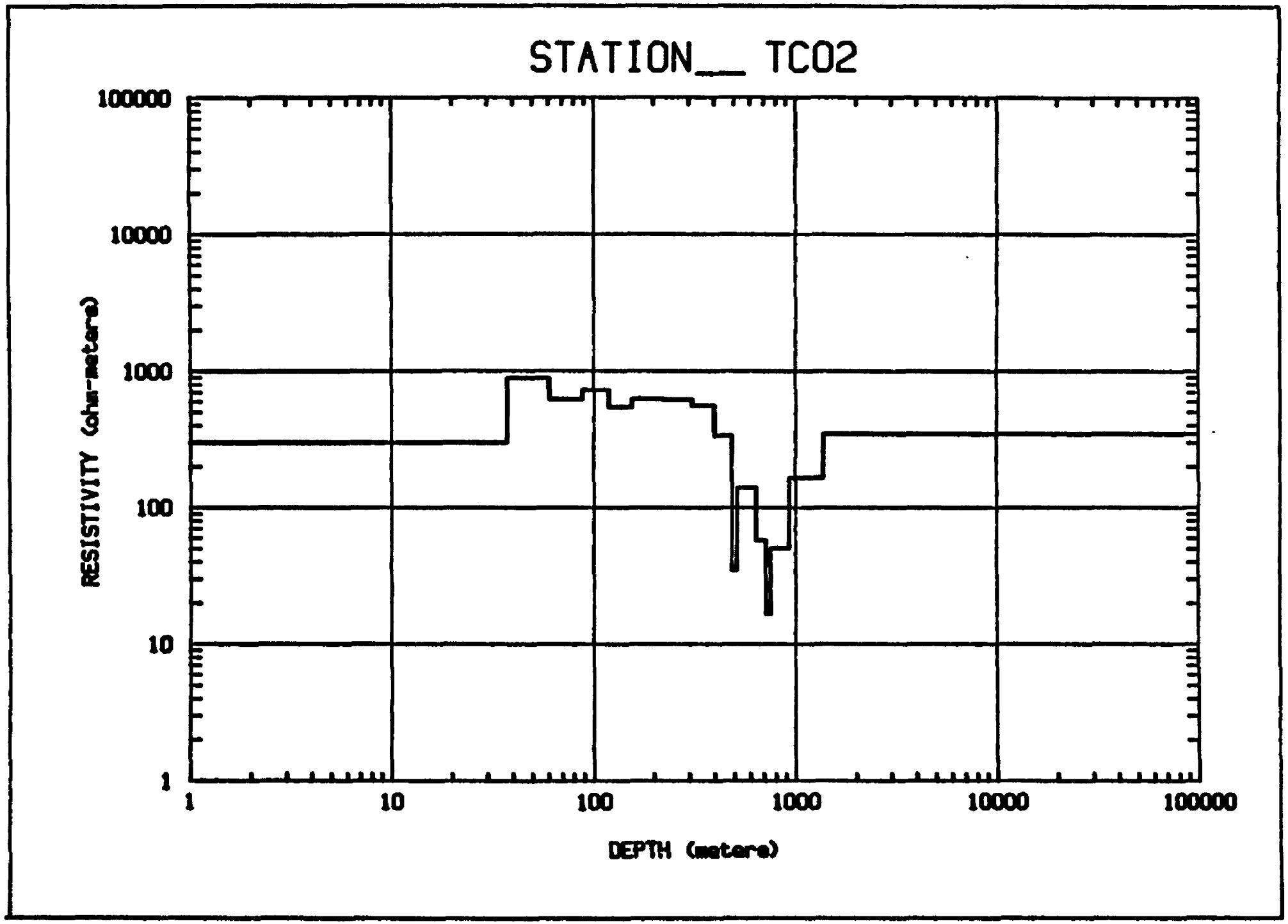
Appendix B

Bostick (1977) inversion interpretations of possible geoelectrical layers under AMT sounding sites in Jackson Hole, WY. For each sounding the E-W and N-S data from Appendix A have been averaged and then smoothed and resampled at the original frequencies. The interpretation method that was used here calculates and plots one geoelectric layer for each pair of resampled data points. Not all such calculated layers are meaningful, but we expect the general trends shown on each plot to be valid. The first and last calculated points have been extended to the edge of the plot only to guide the eye; it should not be inferred that the plotted resistivity holds over that extended depth range.

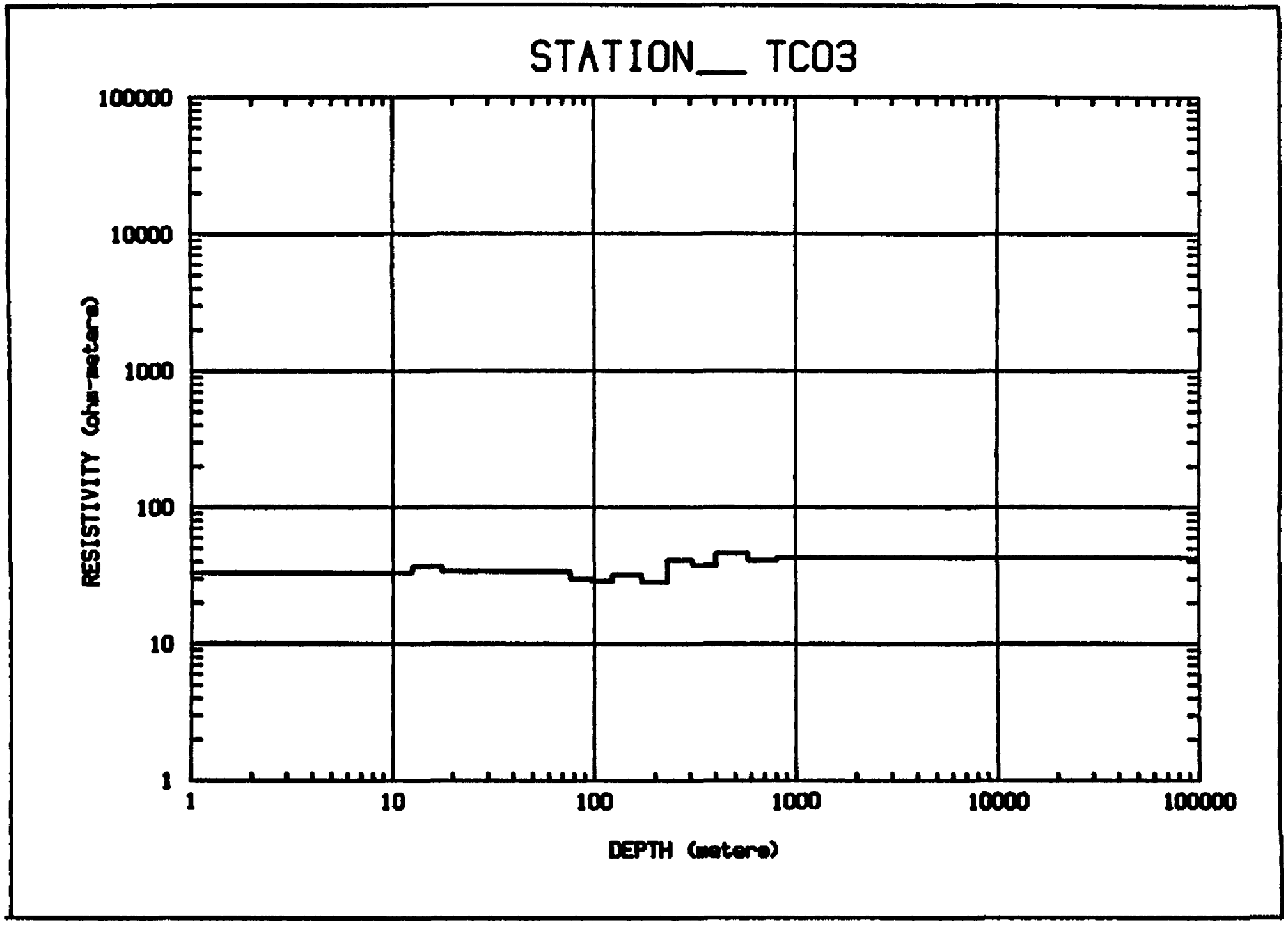
The typed labels on each page are transcriptions of brief notes made in the field or during processing. They give written station locations specifying Quadrangle, Township, Range, and quarter-Section of quarter-Section (example: NESW S12 means the northeast quarter of the southwest quarter of Section 12), additional brief geographic descriptions, notes about field conditions that may have influenced data quality, and remarks about particular features, if any, that we noted about the data for the station. The data quality rating (Excellent, Good, Fair, Poor, Very Poor) is subjective, based on the opinion of the operator. A substantial separation between apparent resistivity curves drawn separately for NS and EW orientations can indicate strong lateral changes (a fault, for example) near the sounding station. The remarks accordingly attempt to indicate such separations. A remark of the type "NS below (above) EW" means that the apparent resistivity calculated from data using the NS electrode orientation is less than (more than) the apparent resistivity calculated from data using the EW electrode orientation.



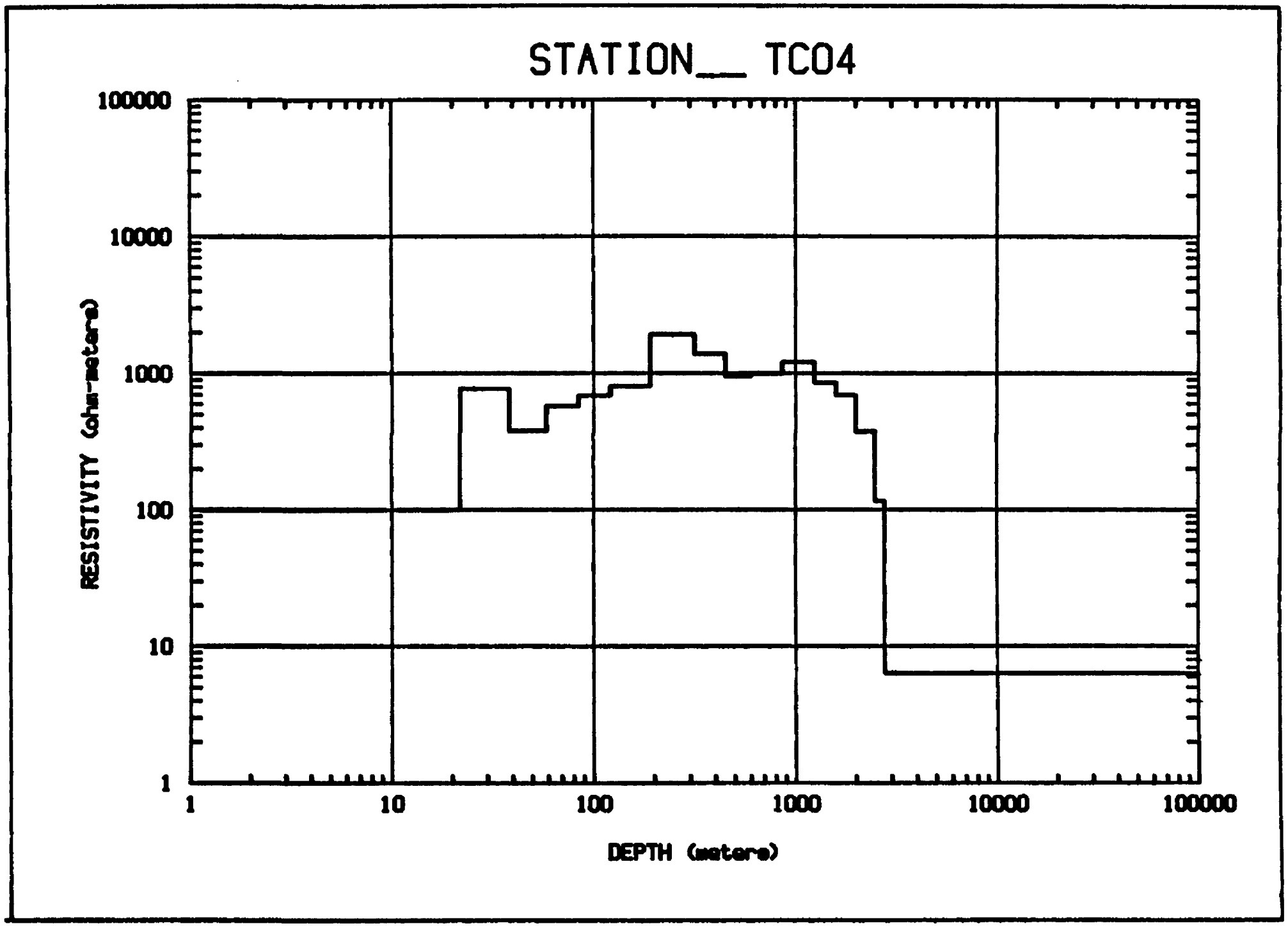
Station TC01 Quality: Fair Teton Village 7.5", T42N R116W SENW S19
Station Location: On Moose-Wilson road, about 0.6 mi ENE of Teton Village.
Remarks: NS direction is excellent. EW direction is poor, maybe due to electrical interference or to small irrigation ditch close by. Resistivity drops sharply at depth of 280 meters.



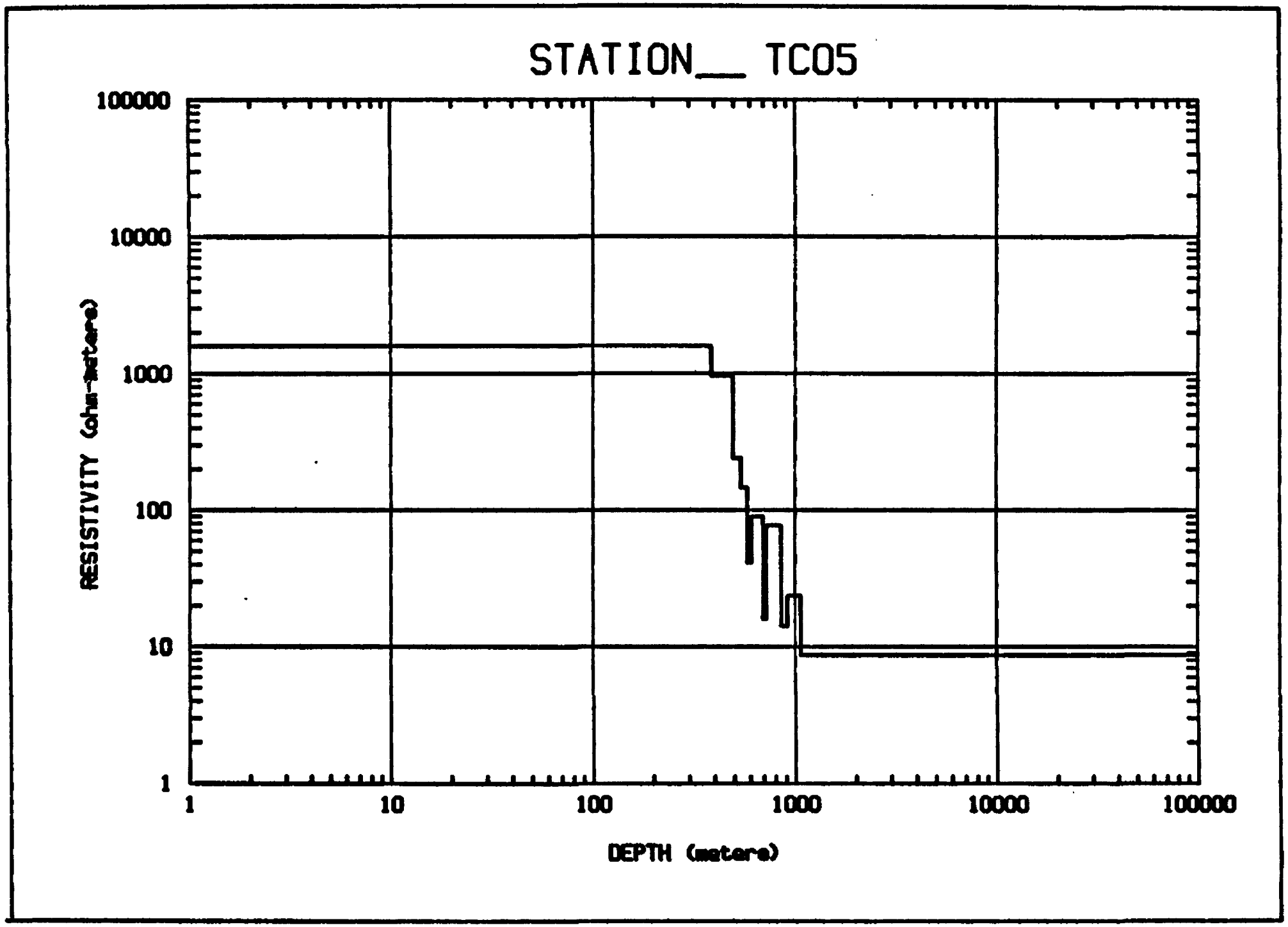
Station TC02 Quality: Excellent Teton Village 7.5", T42N R116W SESE S18
Station Location: On Moose-Wilson Rd at Nat'l Park Bndry. Gravel road.
Remarks: NS Resistivity below EW for freqs > about 1000 Hz, above for greater freqs.
Drops at 400 m., then increases at about 700 m.



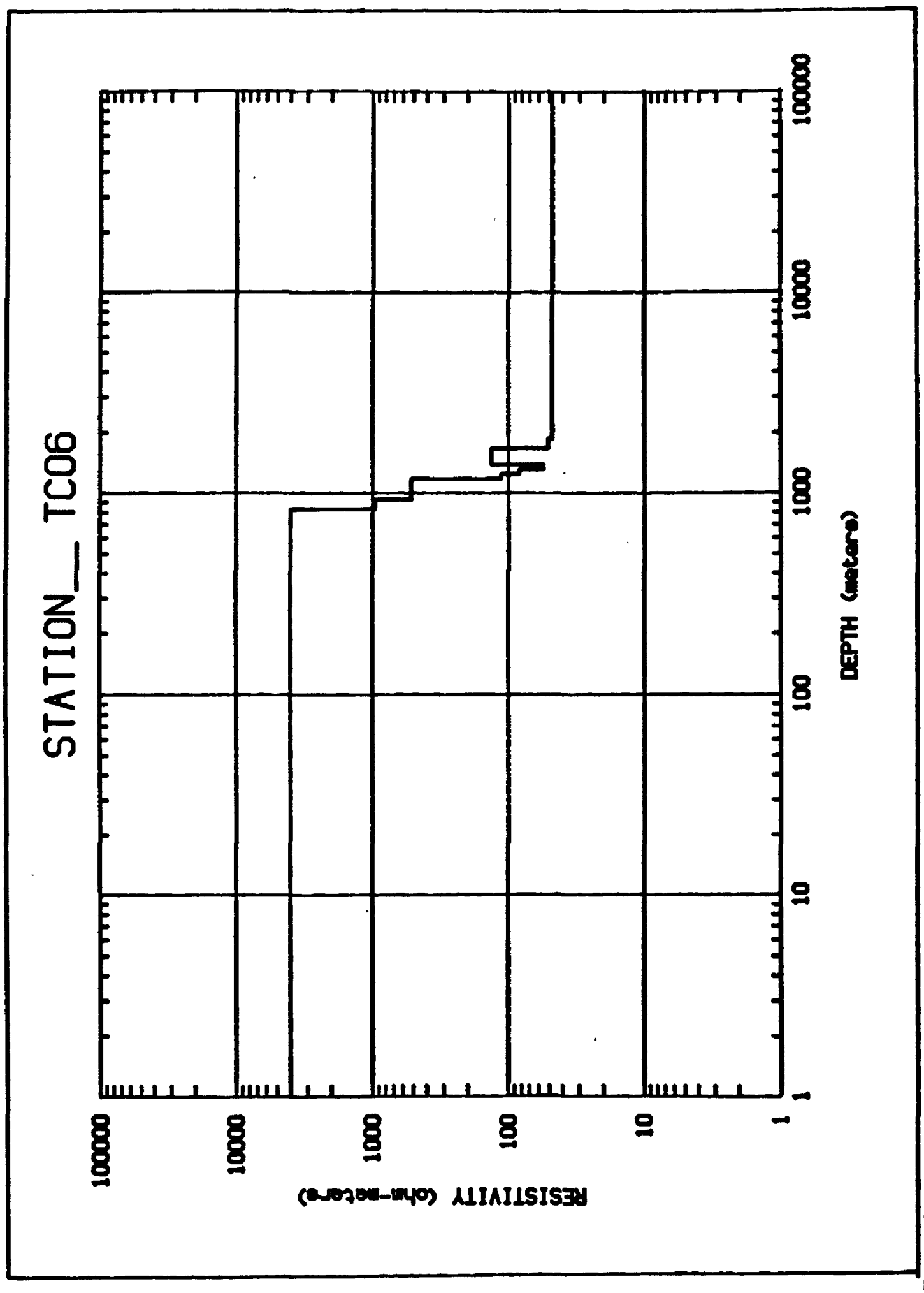
Station TC03 Quality: Good Teton Village 7.5", T42N R117W NENW S25
Station Location: 0.3 mi S of Teton Village, near housing development.
Remarks: BIG separation, NS above EW. Nearby structure?? Resistivity flat.



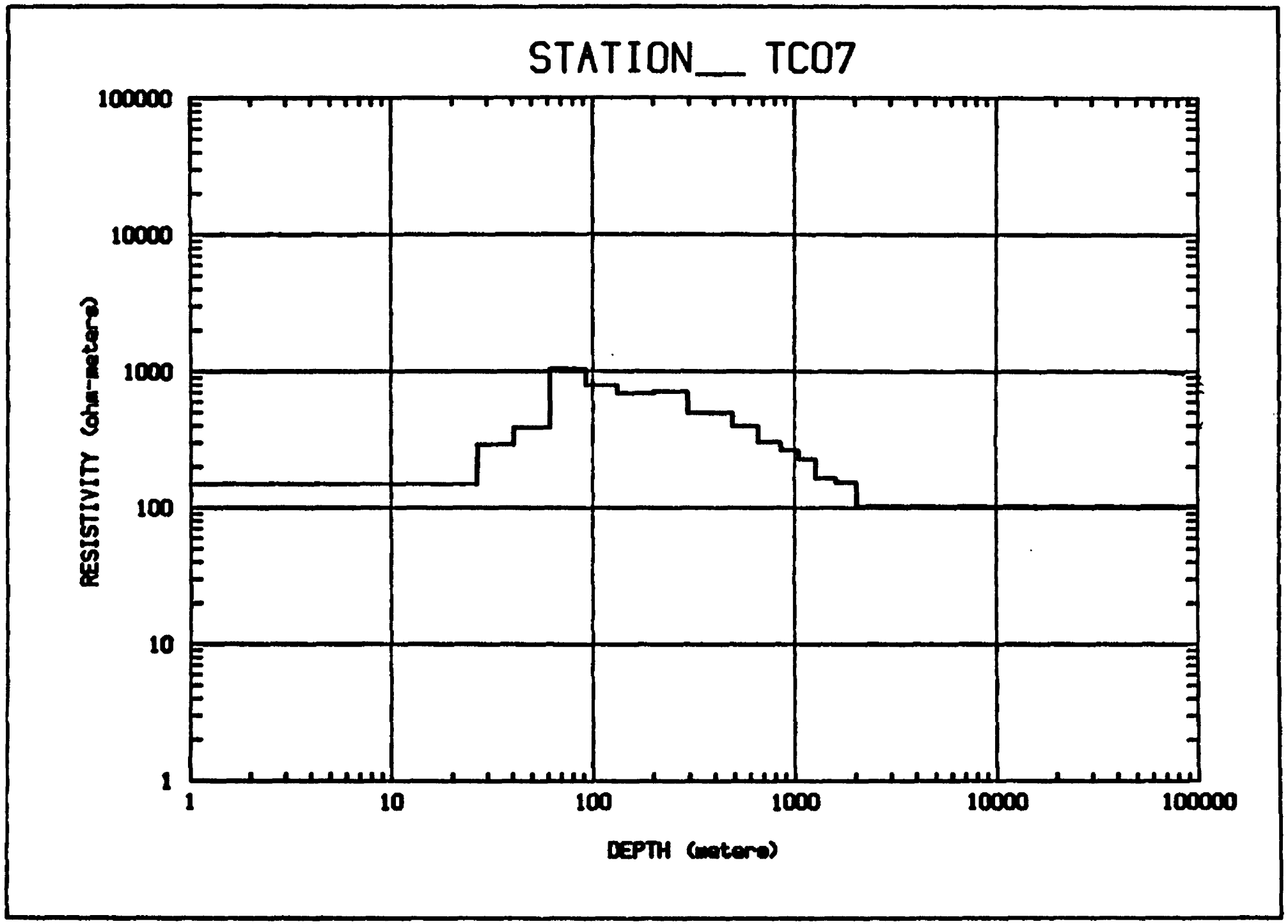
Station TC04 Quality: Good Teton Village 7.5", T42N R117W NESE S19
Station Location: In field NW of where Teton Village Rd T's into Moose-Wilson Rd.
Remarks: Resistivity lower near surface, increases with depth. NS above EW for most freqs.



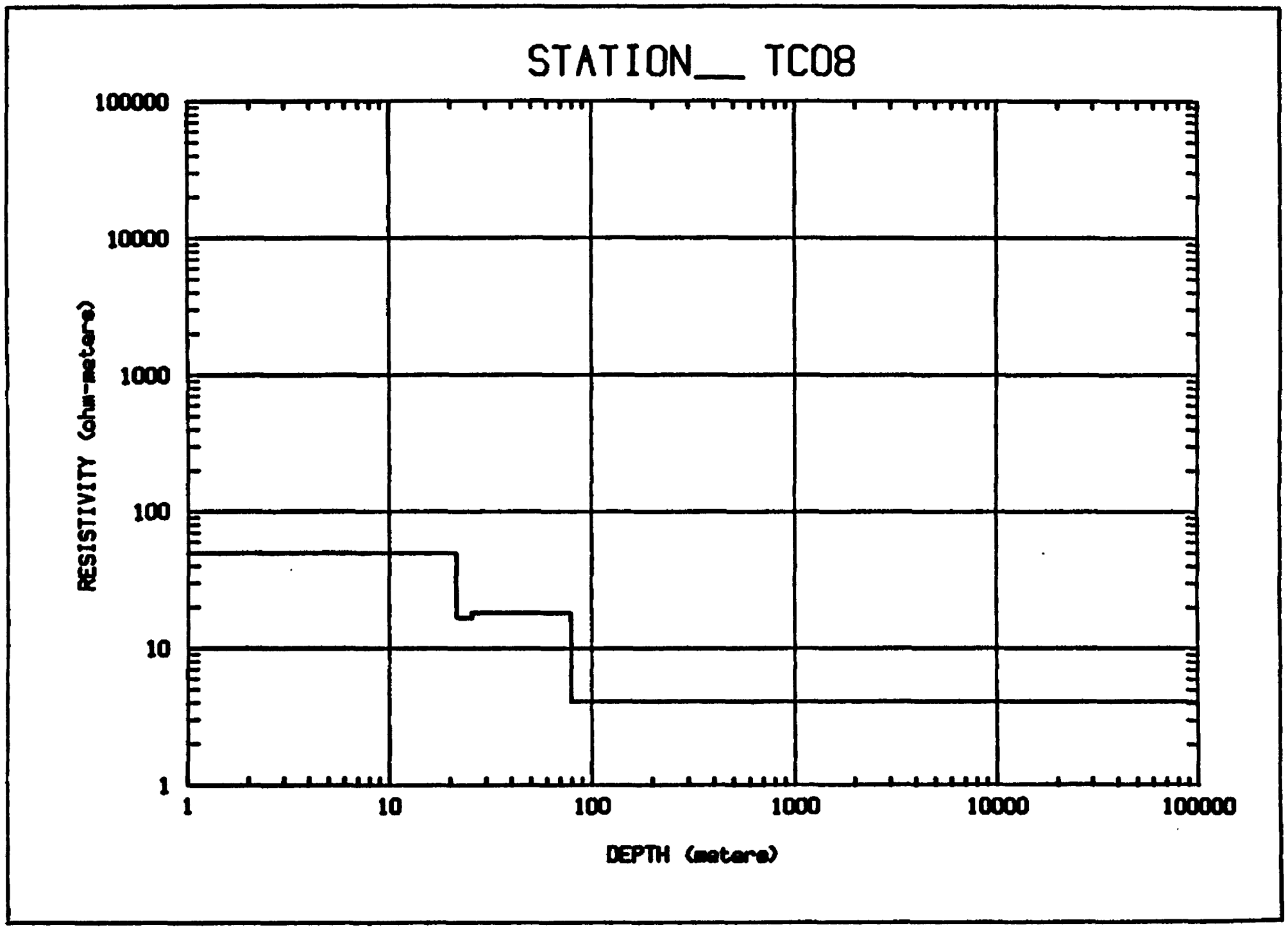
Station TC05 Quality: Fair Teton Village 7.5", T42N R116W SENW S31
Station Location: 0.3 mi E of Moose Wilson road, in pasture.
Remarks: Steep resistivity curve; electrical interference?? NS below EW for most freqs.



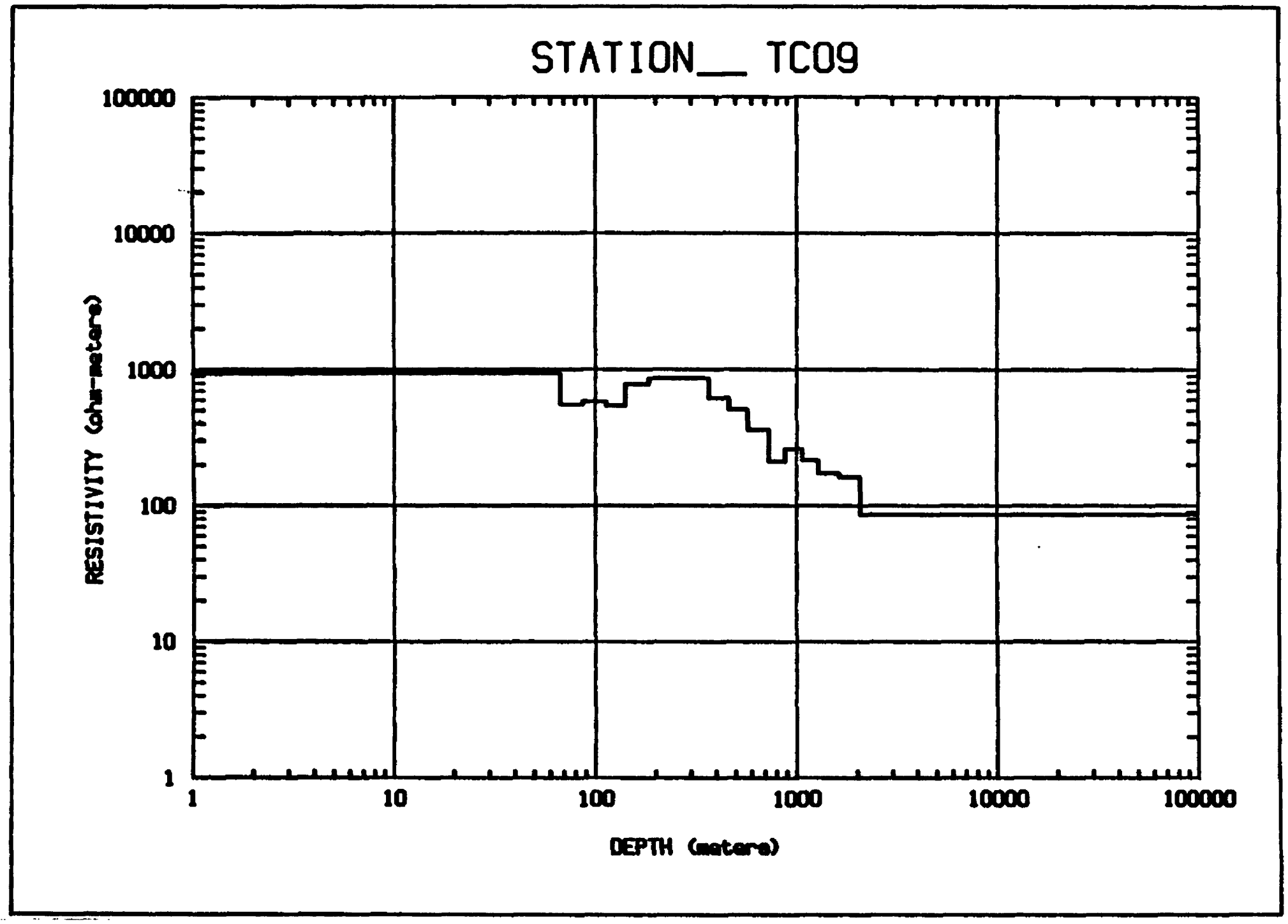
Station TC06 Quality: Very Poor Teton Village 7.5", T42N R116W NENE S31
Station Location: Between Snake Riv. and Moose-Wilson Rd. In pasture
Remarks: Too close to electric fence.



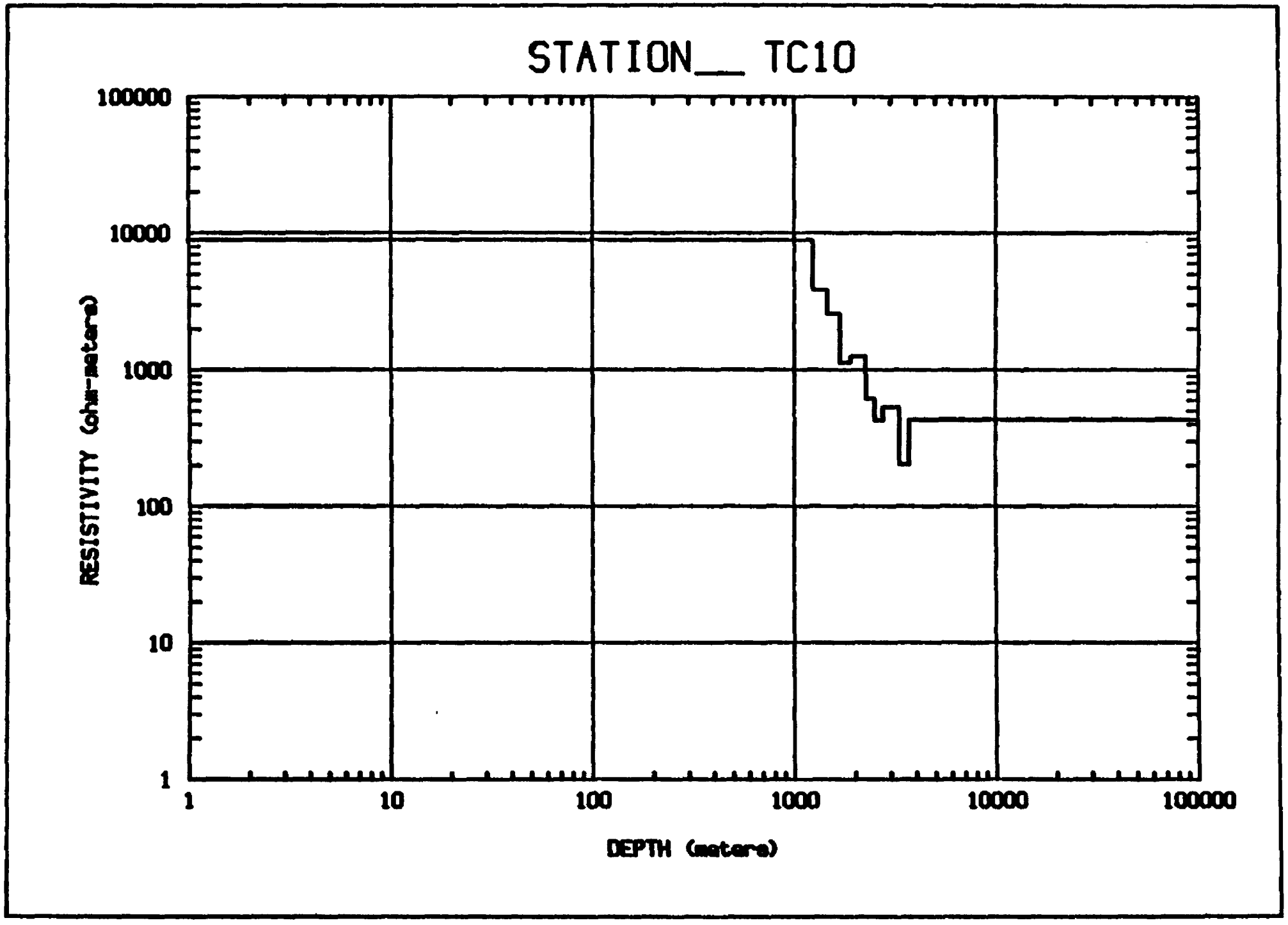
Station TC07 Quality: Very Poor Teton Village 7.5", T42N R117W NENE S25
Station Location: In cow pasture, with much irrigation water.
Remarks: NS only. Too much interference (water and power?) on EW.



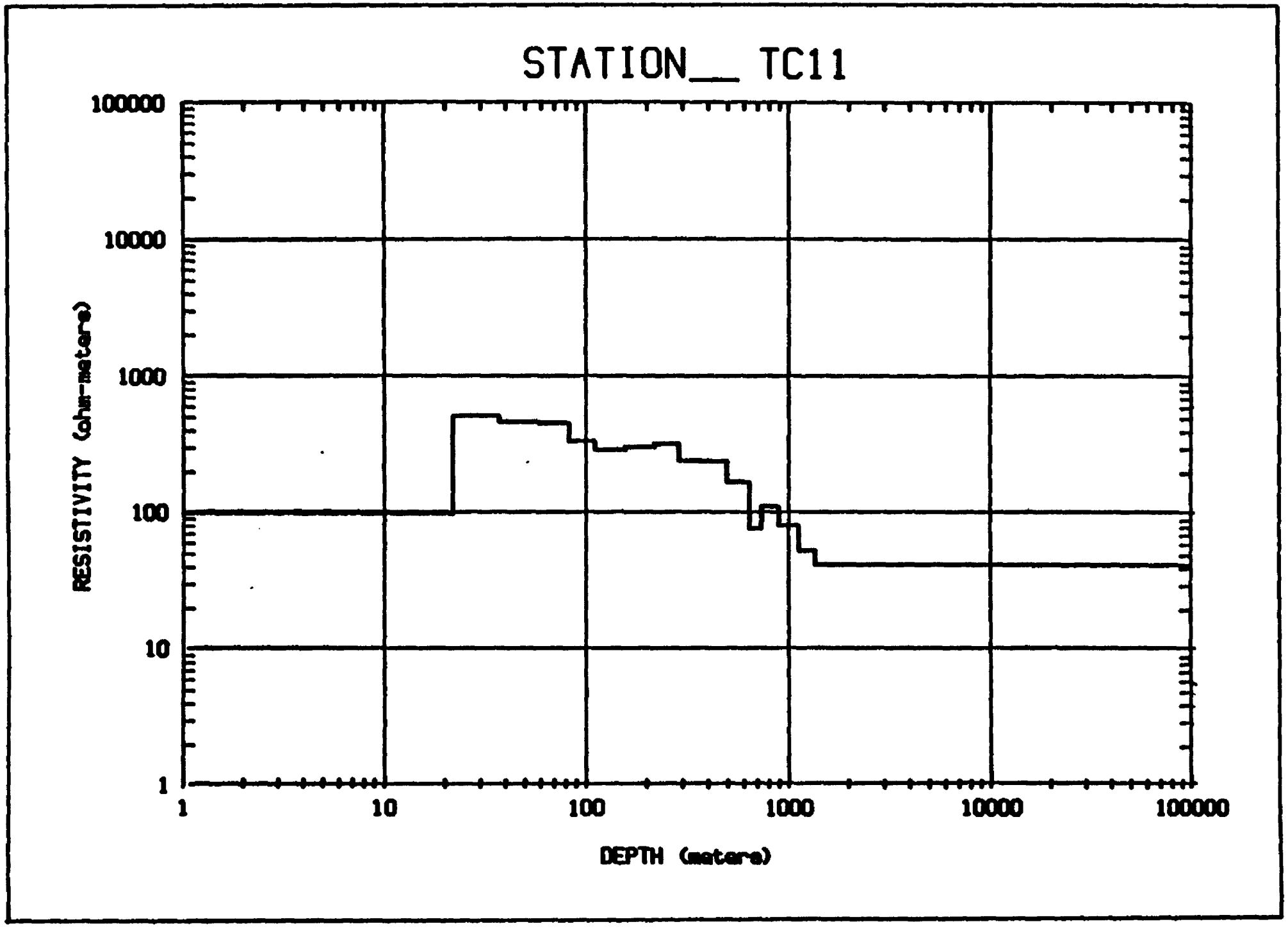
Station TC08 Quality: Very Poor Teton Village 7.5", T42N R117W SCNE S36
Station Location: In cow pasture, irrigated field.
Remarks: Instrument problems?...can't find anything wrong.



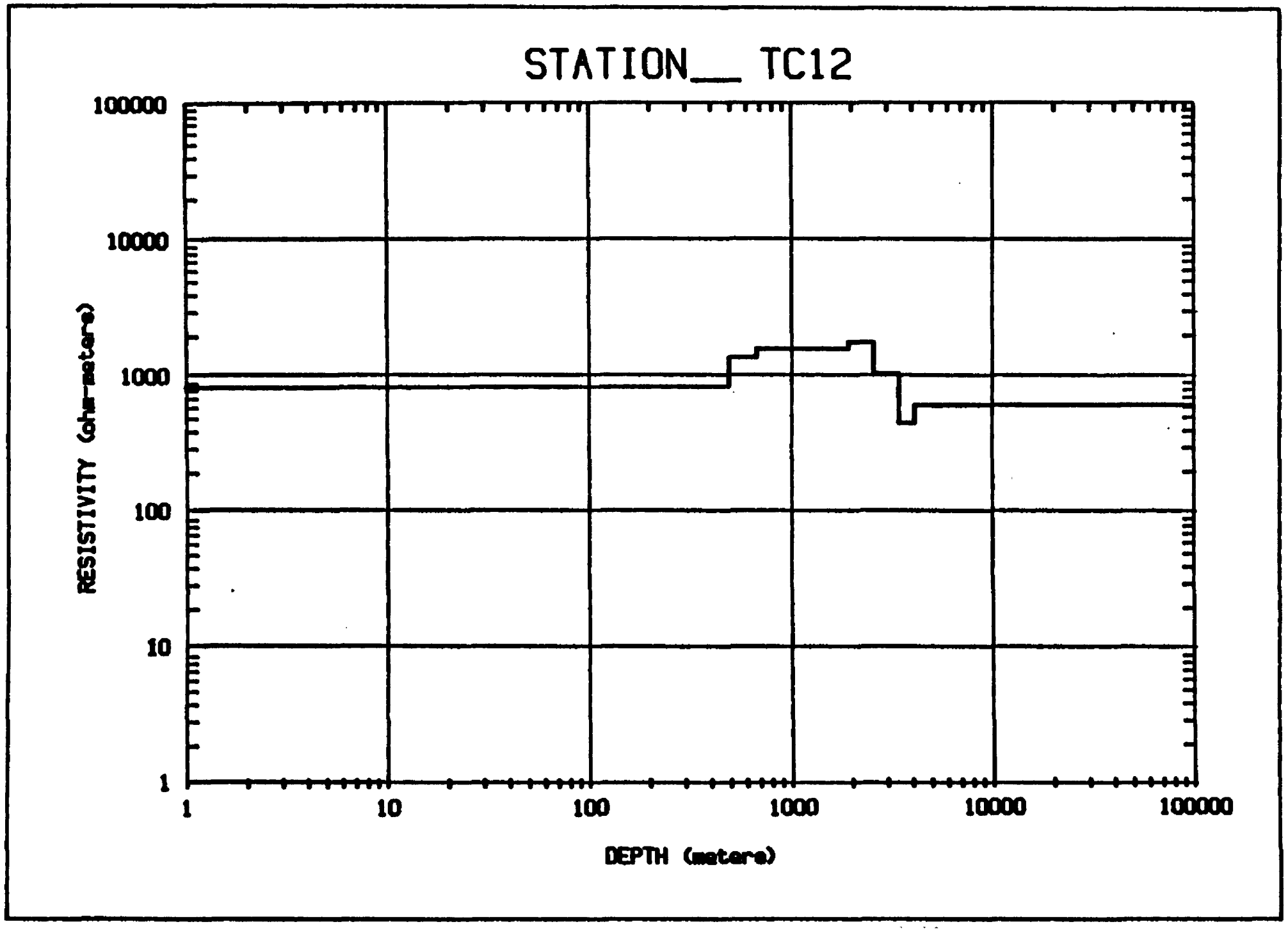
Station TC09 Quality: Fair Teton Village 7.5", T41N R117W NESW S2
Station Location: E. end of Phillips canyon, on S side gravel road close to large power line.
Remarks: TC09 & TC10 are very close to a large power line.



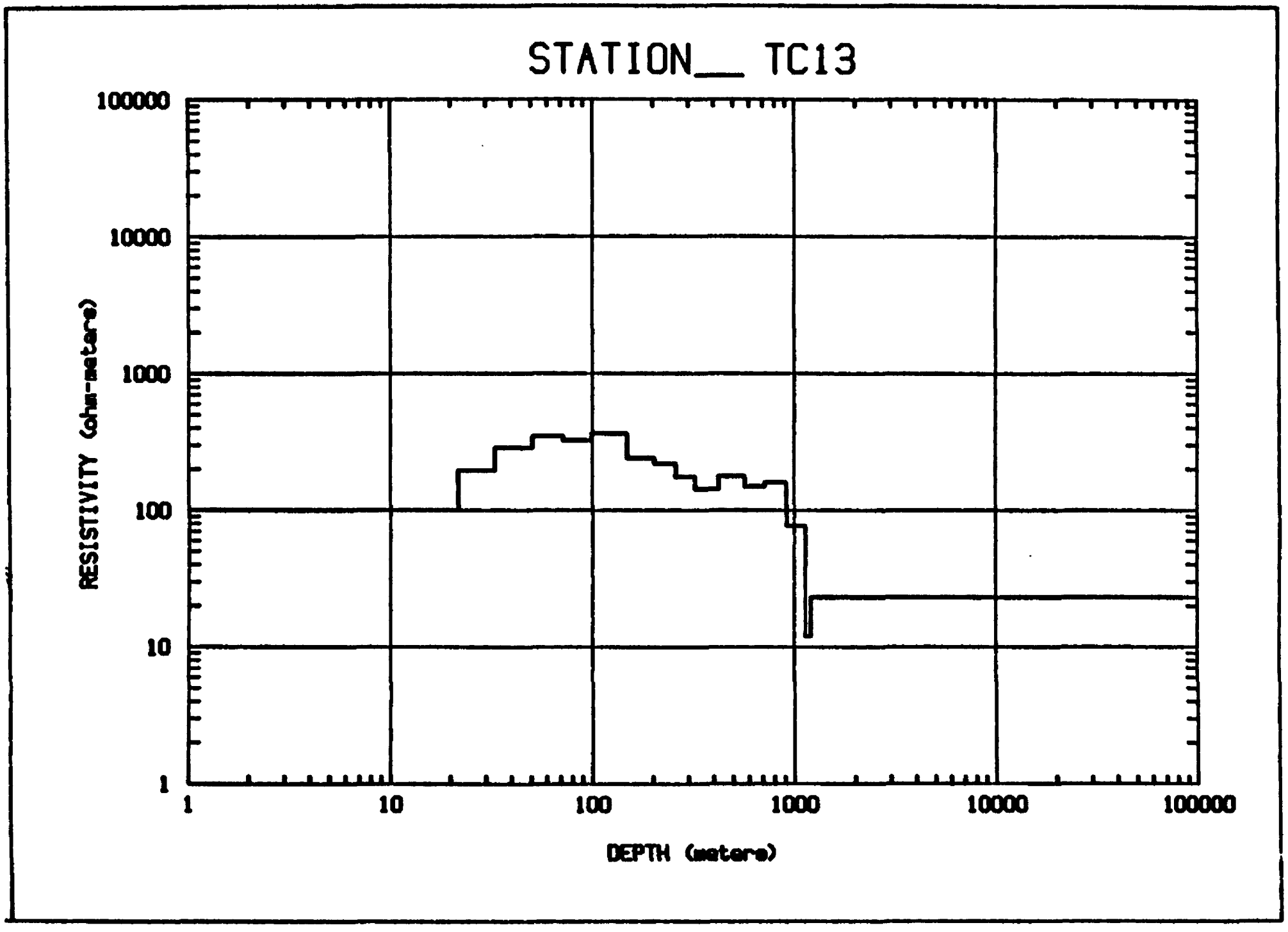
Station TC10 Quality: Poor Teton Village 7.5", T41N R117W SENW S1
Station Location: Along gravel rd, near power line.
Remarks: Very high resistivity, likely power line influence.



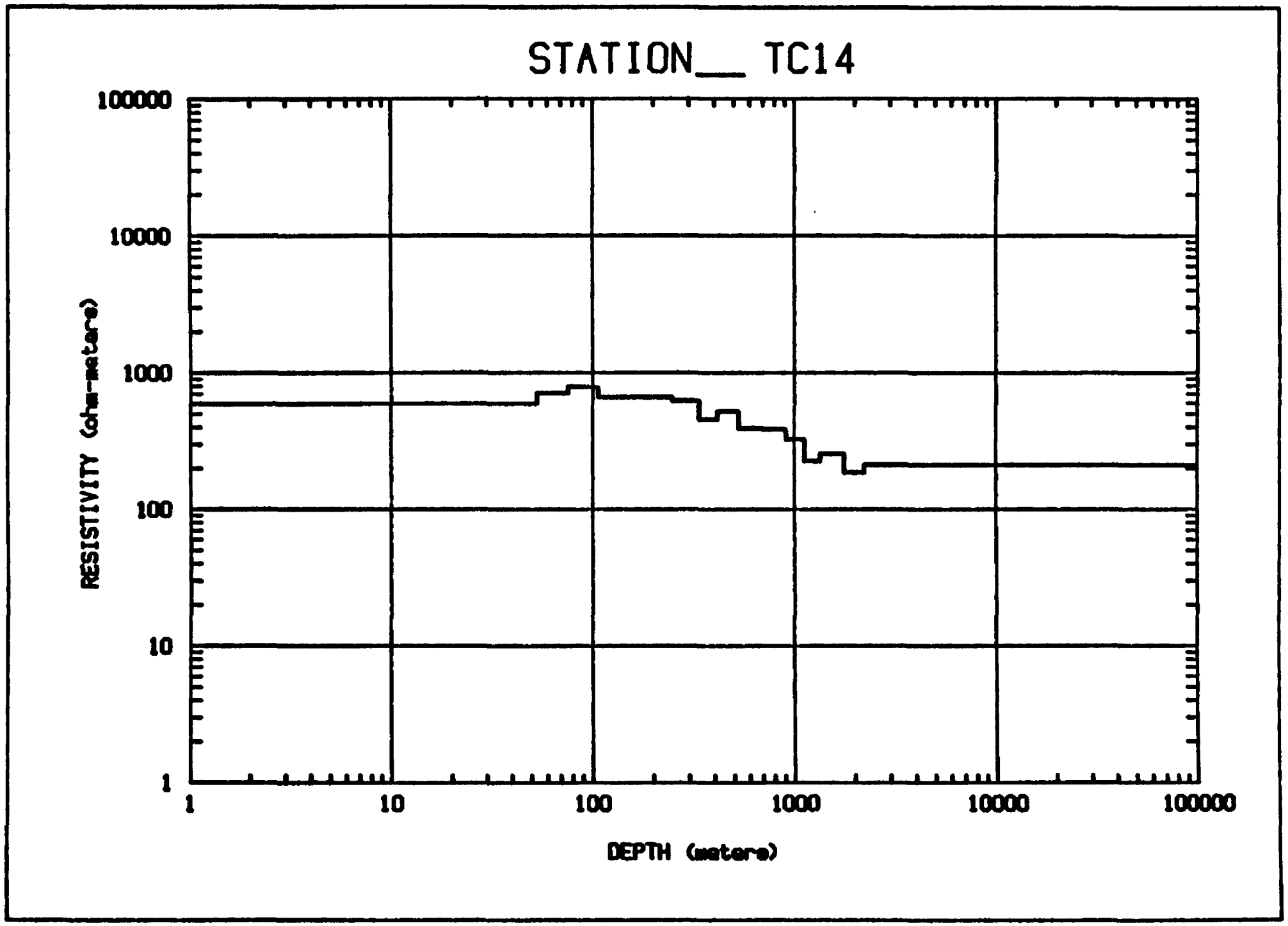
Station TC11 Quality: Good Teton Village 7.5", T41N R117W SENE S1
Station Location: On S side gravel rd near power line, 0.2 mi W of Moose-Wilson Rd
Remarks: Not too much power-line interference, considering proximity. NS above EW for most freqs.



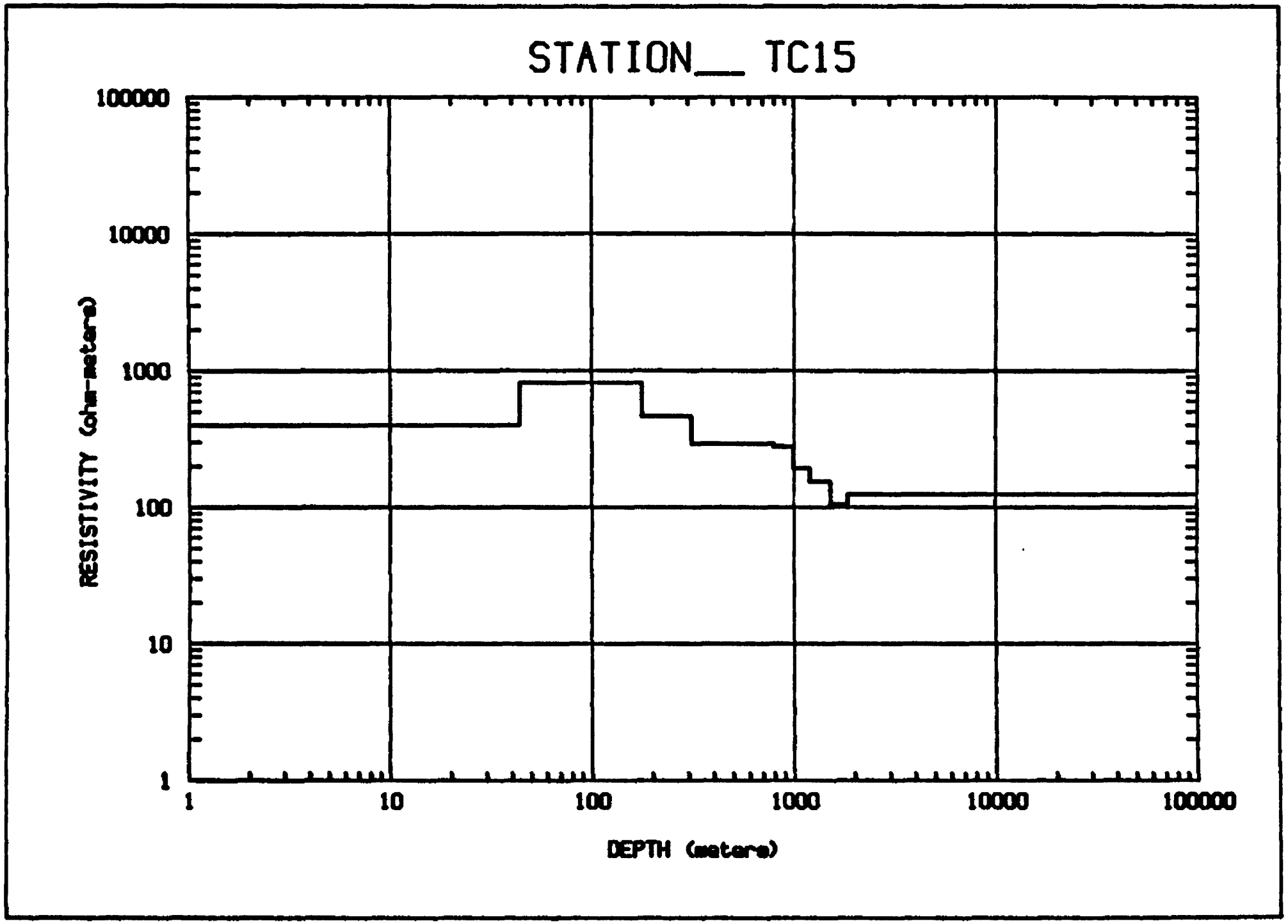
Station TC12 Quality: Very Poor Teton Village 7.5", T41N R117W SENW S14
Station Location: In horse pasture, 0.5 E of Fish Creek Rd.
Remarks: Close to power sub-station; suspect data. Friendly horses!



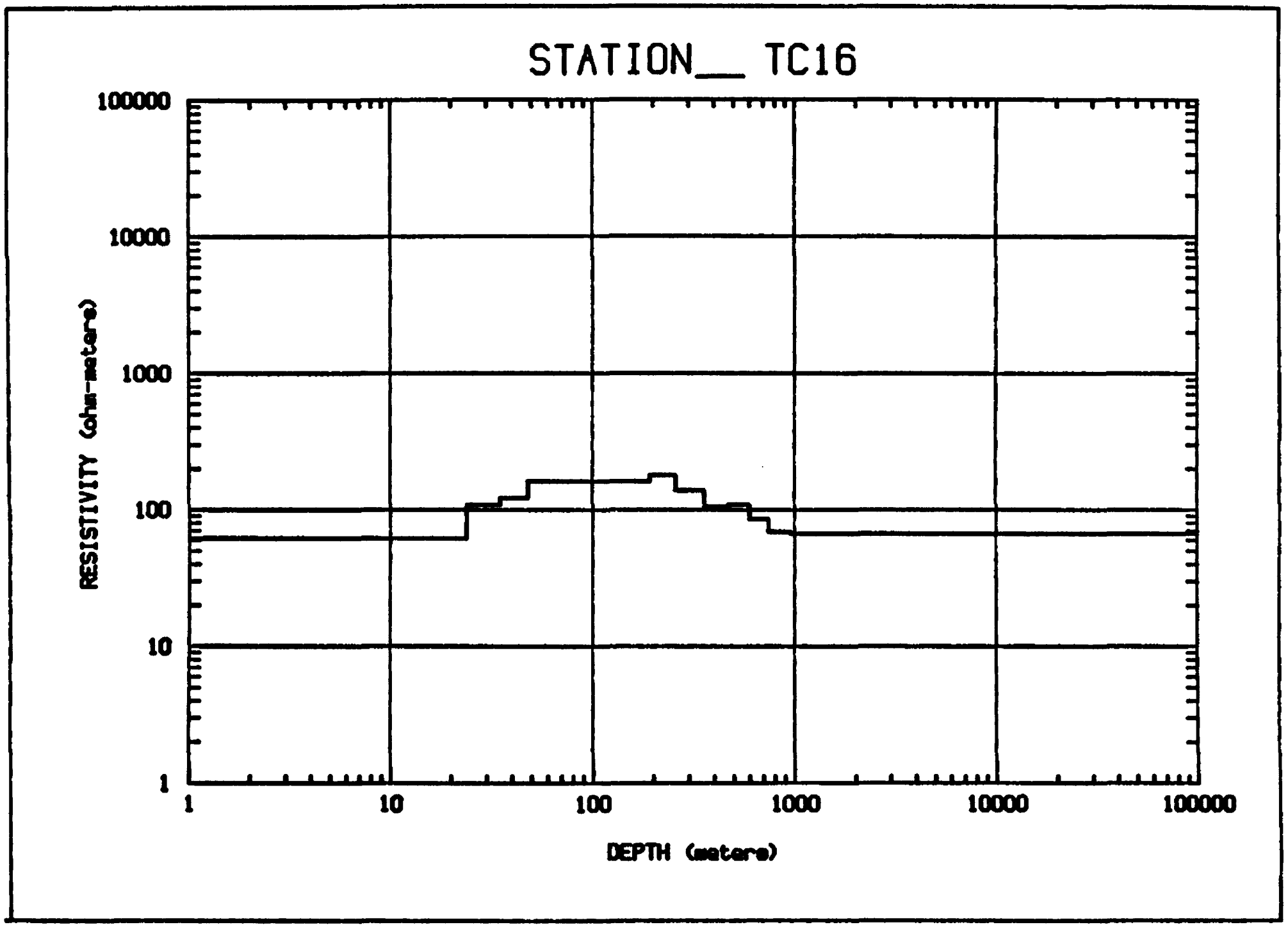
Station TC13 Quality: Fair Teton Village 7.5", T41N R117W SENE S15
Station Location: In horse pasture behind ranch.
Remarks: Some separation at shallow depths. EW poor.



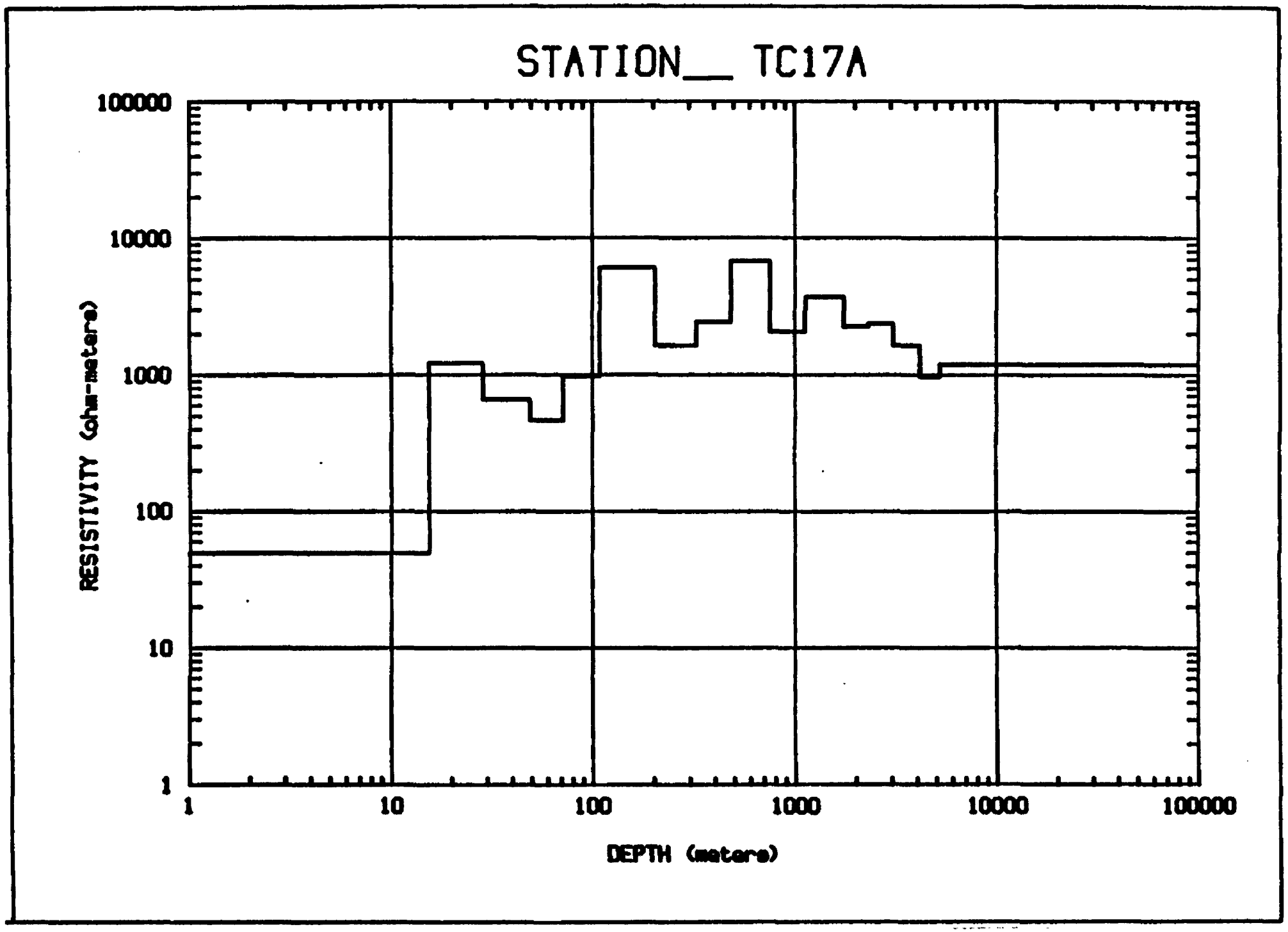
Station TC14 Quality: Poor Teton Village 7.5", T41N R117W NESW S11
Station Location: Pasture behind ranch house
Remarks: EW only, but good results in that direction. Resistivity from about 100 to 1000 ohm-m.



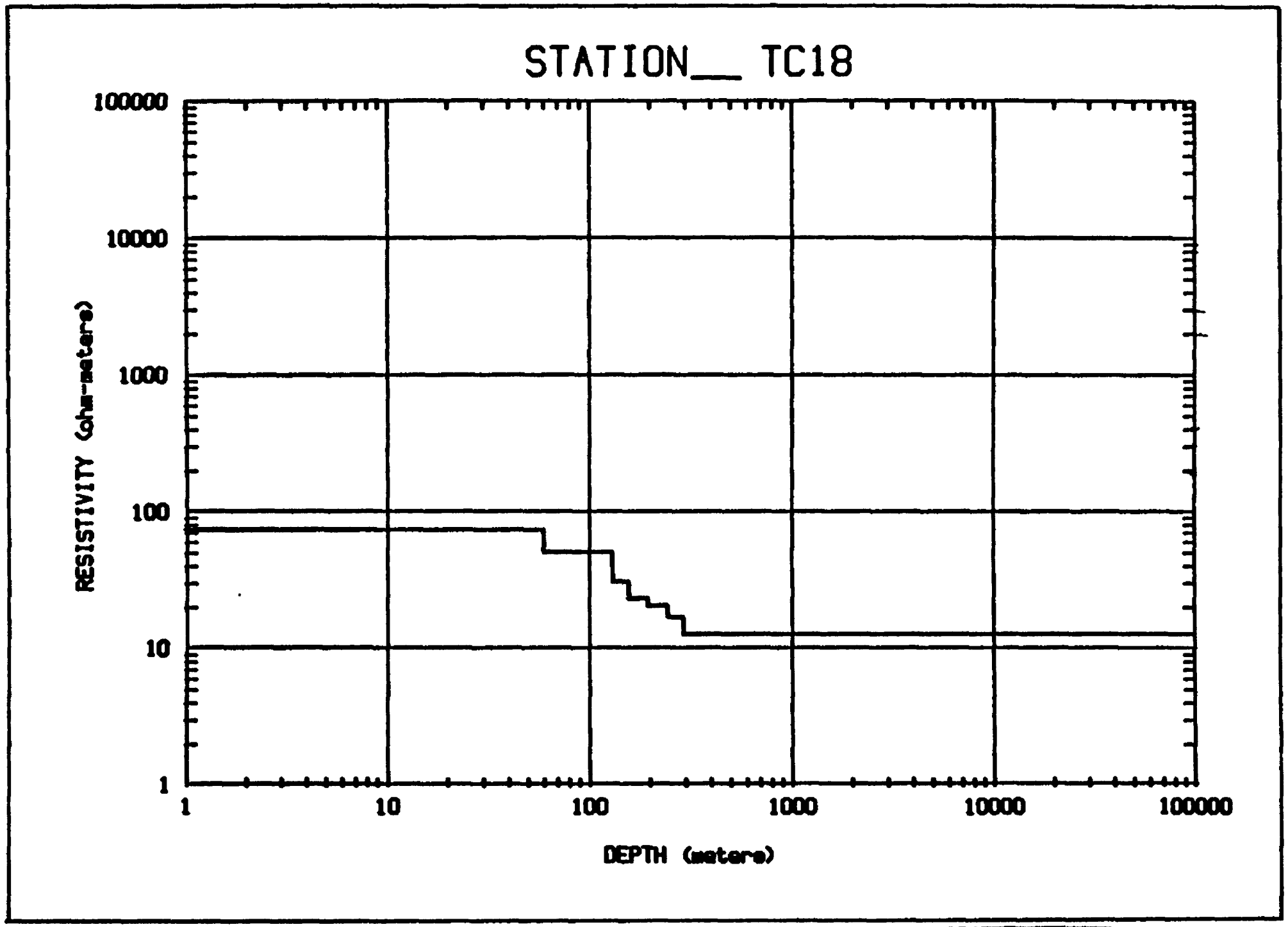
Station TC15 Quality: Poor Teton Village 7.5", T41N R117W NWNE S11
Station Location: Between Fish Cr. and Rd. N. of Wilson
Remarks: NS poor data. EW about 1000 ohm-m. Sharp drop at about 1000 meters.



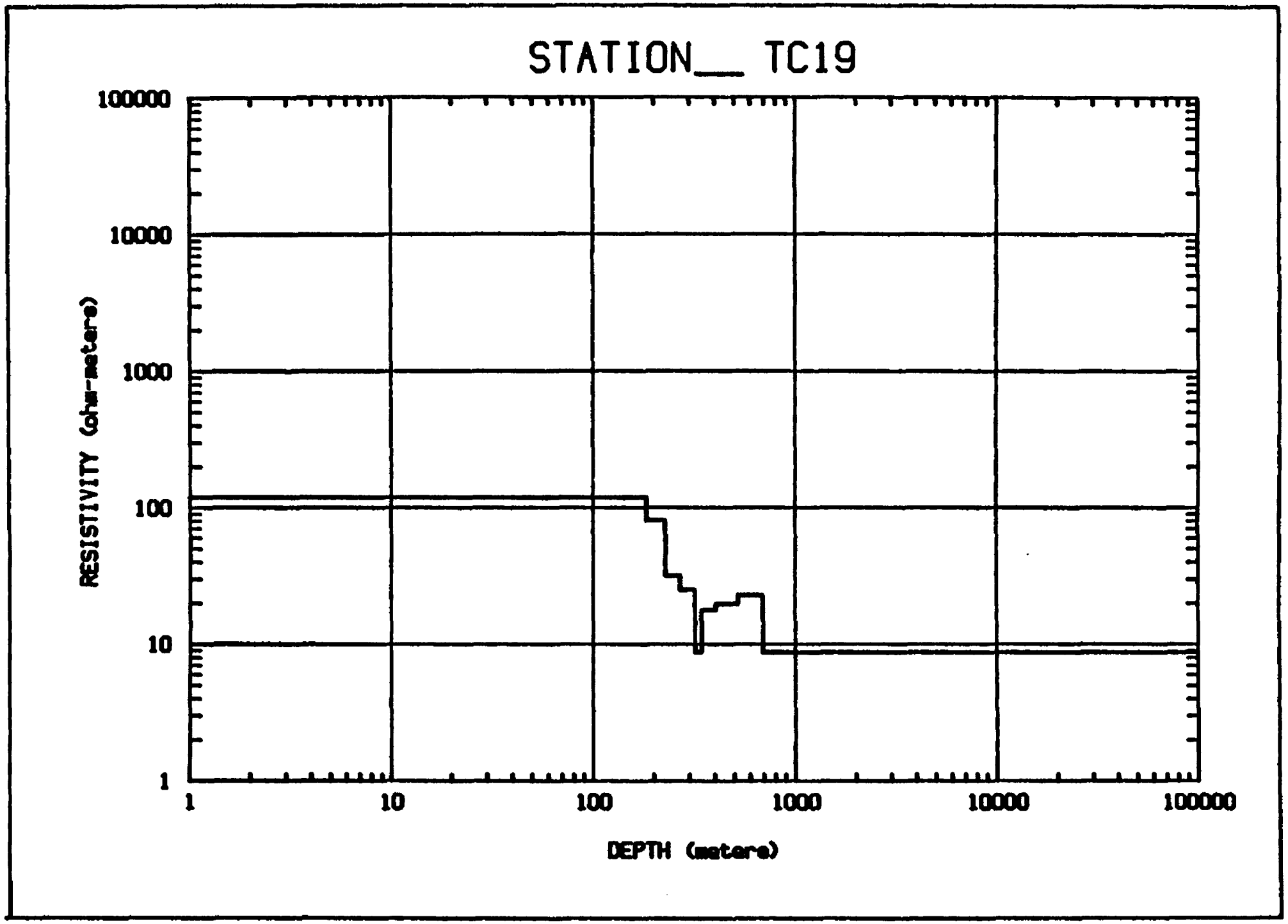
Station TC16 Quality: Poor Teton Village 7.5", T41N R117W SWNE S15
Station Location: E. of Fish Cr. about .8 mi. NE of Wilson
Remarks: Resistivity constant at about 100 ohm-m.



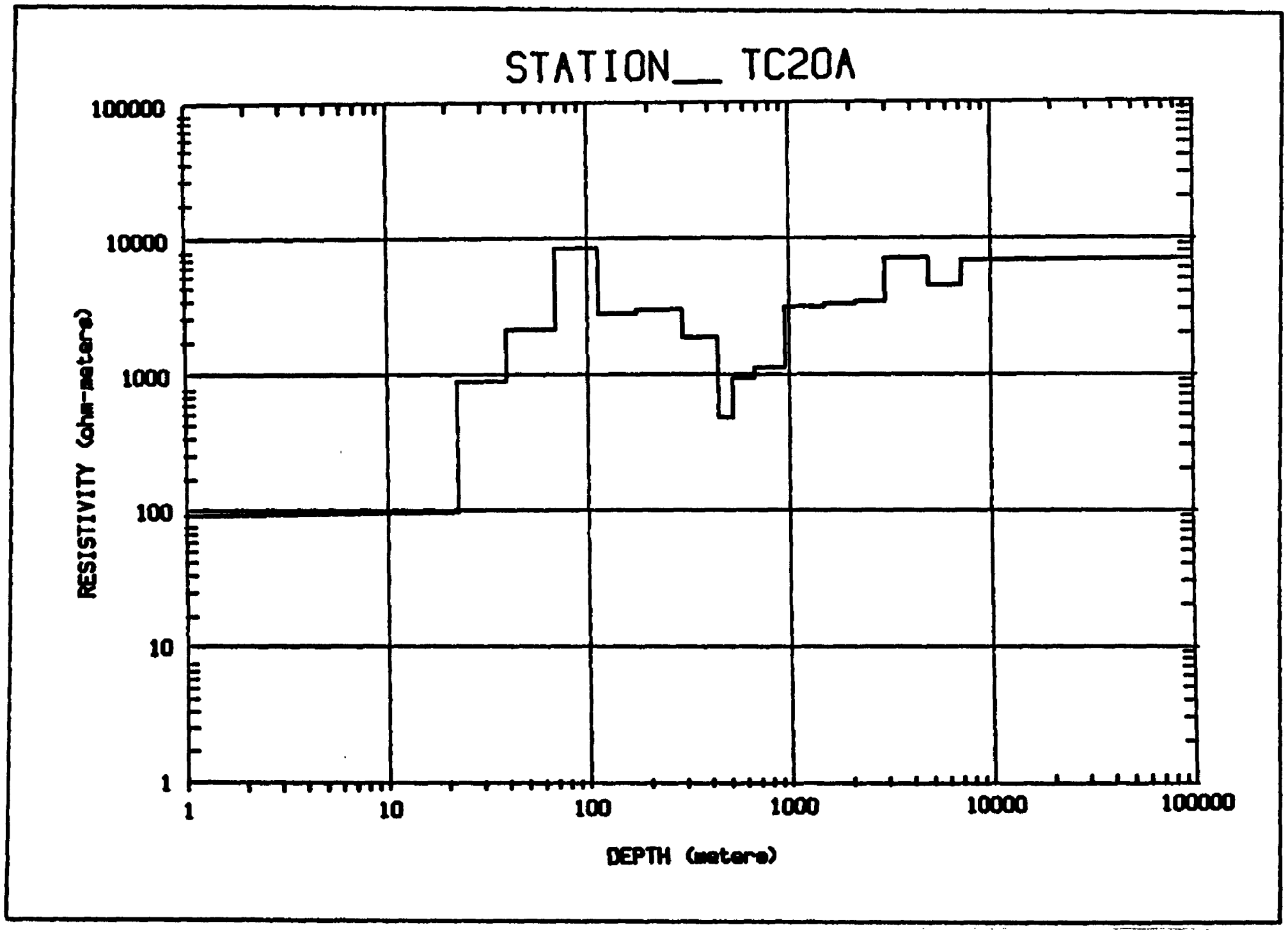
Station TC17 Quality: Very Poor Jackson 7.5", T41N R117W SWSE S22
TC17A (Repeat) Quality: Excellent
Station Location: At Snake Creek Institute, .2 mi. S of Wilson
Remarks: Very poor. Campbell repeated as TC17A, got better data in fall. TC17A data used here. TC17A increases in resistivity with depth. NS above EW for freqs > 100 Hz..



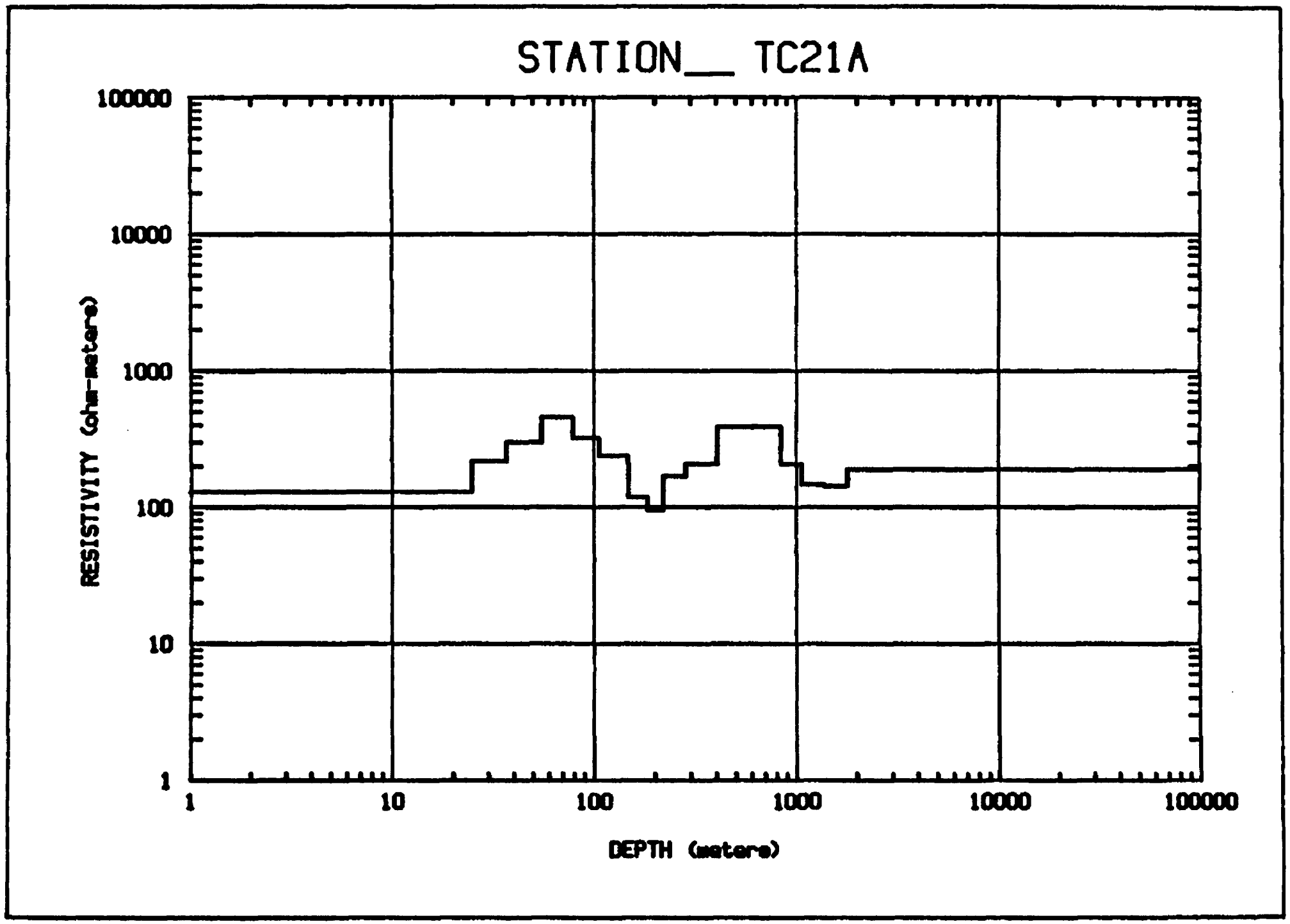
Station TC18 Quality: Very Poor Jackson 7.5", T41N R117W SENW S27
Station Location: At Fish Creek Landing Strip
Remarks: Very poor; 6 frequencies only.



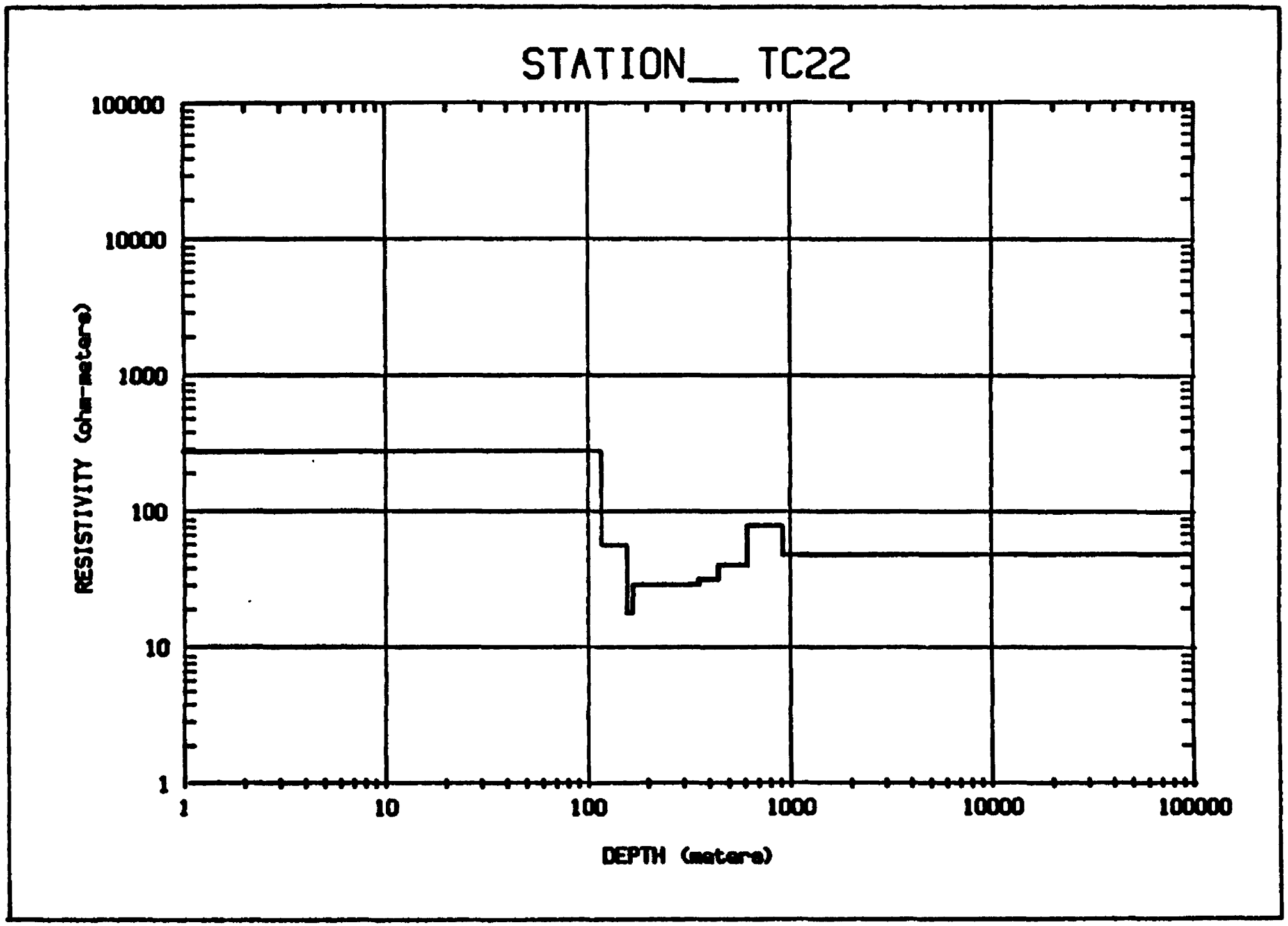
Station TC19 Quality: Poor T41N R117W SWSW S27
Station Location: 0.1 mi off W edge of Jackson 7.5" map; N of Trail Creek, W of Fish Creek
Remarks: Wide separation throughout sounding with NS above EW.



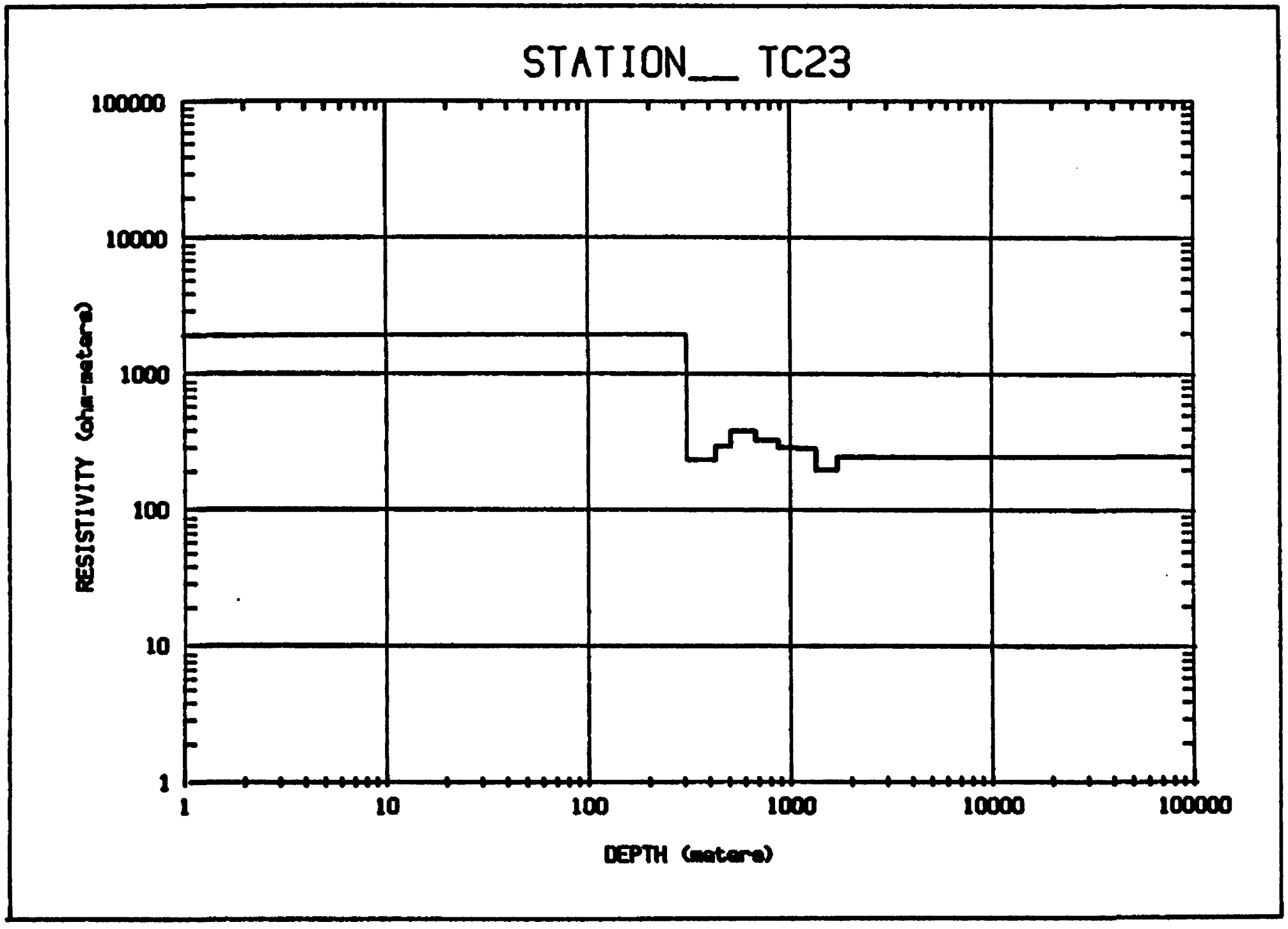
Station TC20 Quality: Poor Teton Village 7.5", T41N R117W NENE S22
TC20A (Repeat) Quality: Excellent 9/14/94
Station Location: Hay field E of Hardiman Ranchhouse
Remarks: TC20A is repeat Campbell did in the fall, used here. NS below EW for most freqs.



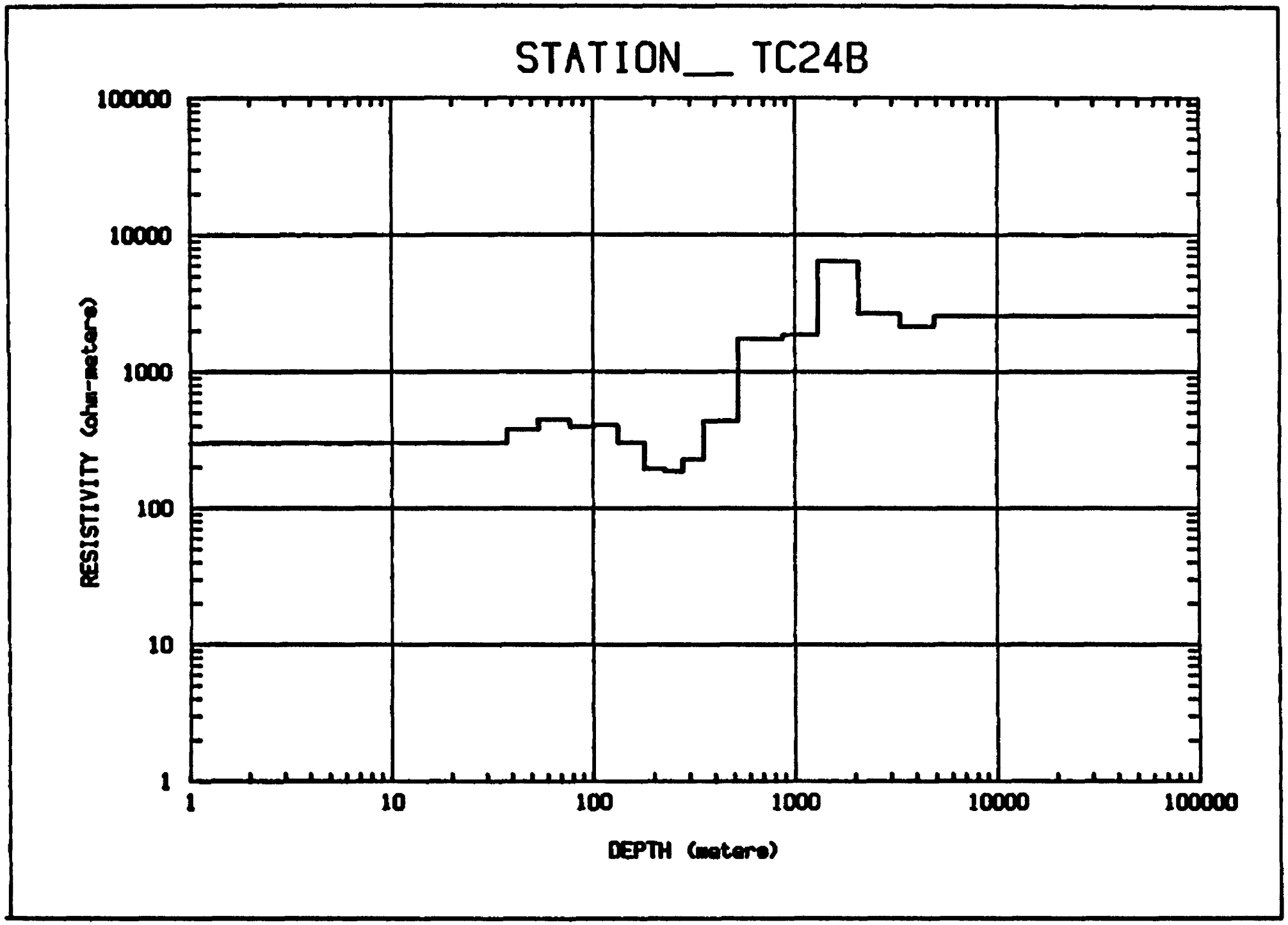
Station TC21 Quality: Very Poor Jackson 7.5", T41N R117W NESE S27
TC21A (Repeat) Quality: Excellent
Station Location: About 1 mi SE of Wilson
Remarks: Moderate resistivity (around 100 ohm-m), flat curve.
TC21A is repeat Campbell did in the fall, used here.



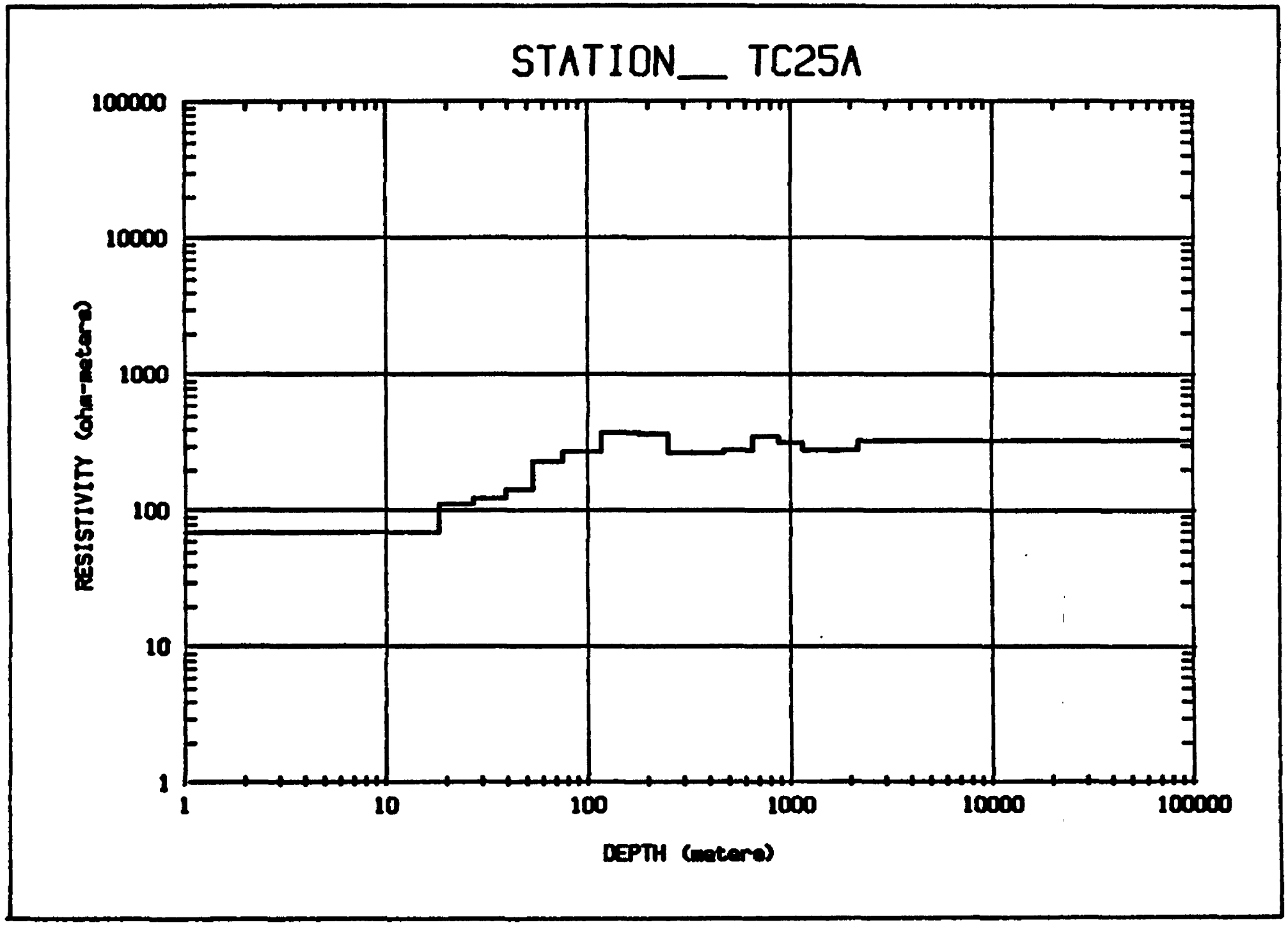
Station TC22 Quality: Very Poor Jackson 7.5", T41N R117W SWSE S27
Station Location: About 1.3 mi SSE of Wilson
Remarks: Few freqs. Unreliable.



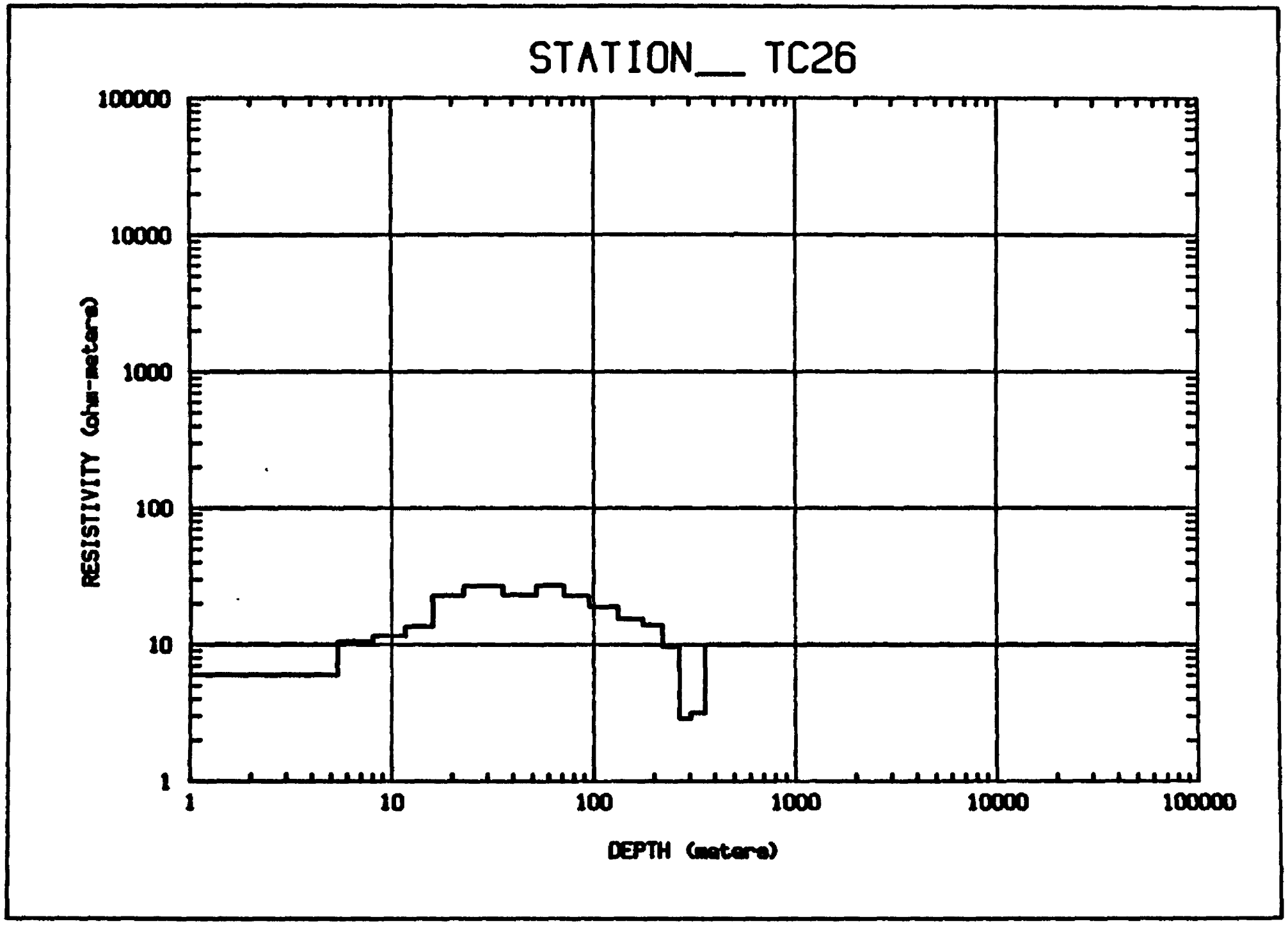
Station TC23 Quality: Poor Teton Village 7.5", T41N R117W SENW S23
Station Location: Cow pasture, 0.2 mi N of Highway 22
Remarks: Very windy, sounding curve is fairly flat.



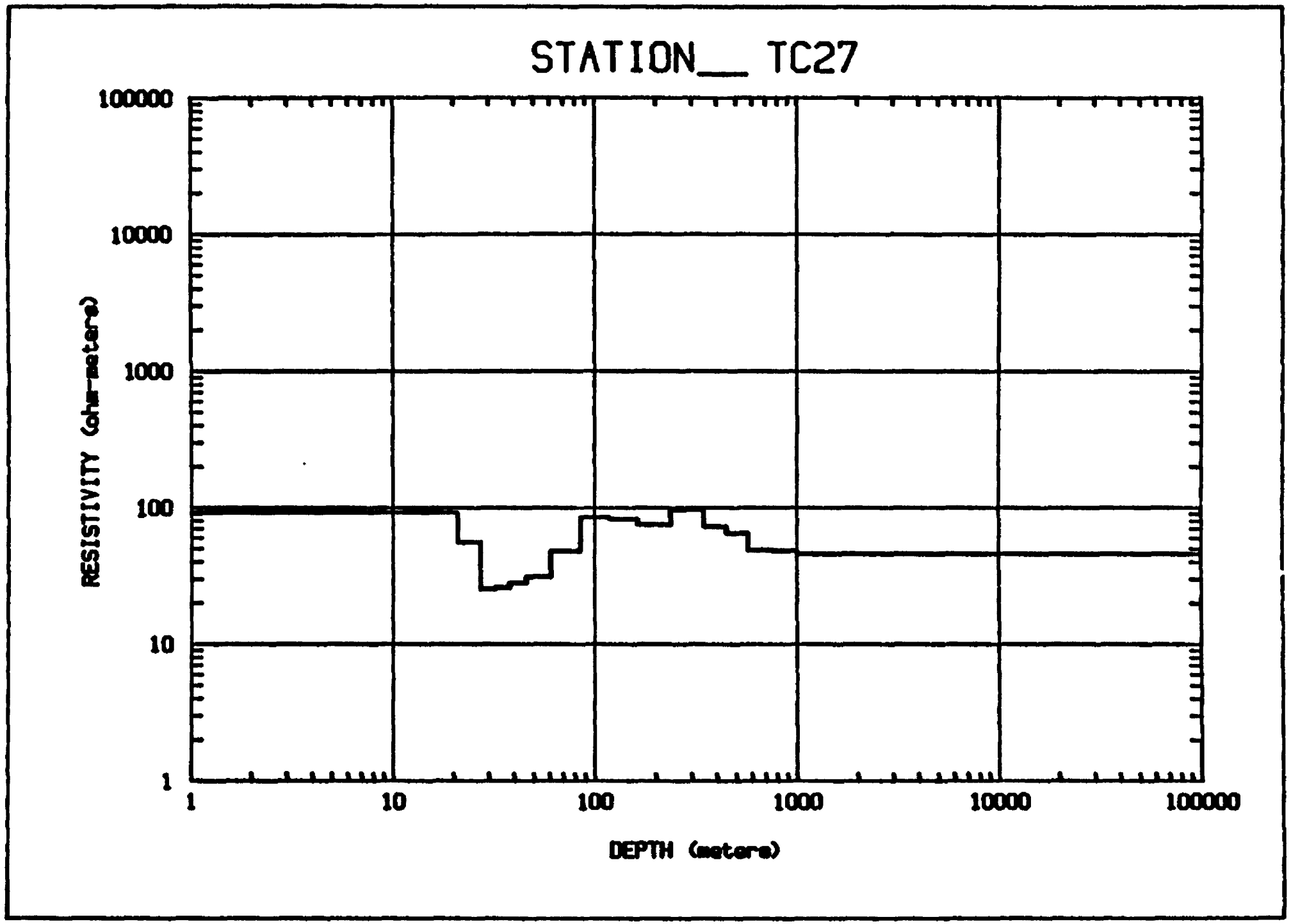
Station TC24 Quality: Fair Teton Village 7.5", T41N R117W SESW S14
TC24B (Repeat) Quality: Good
Station Location: Between Fish Cr. and Moose/Wilson Rd.
Remarks: This station repeated twice in the fall; TC24A and TC24B resulted. TC24B data used here. NS below EW at shallow depths, but above deeper.



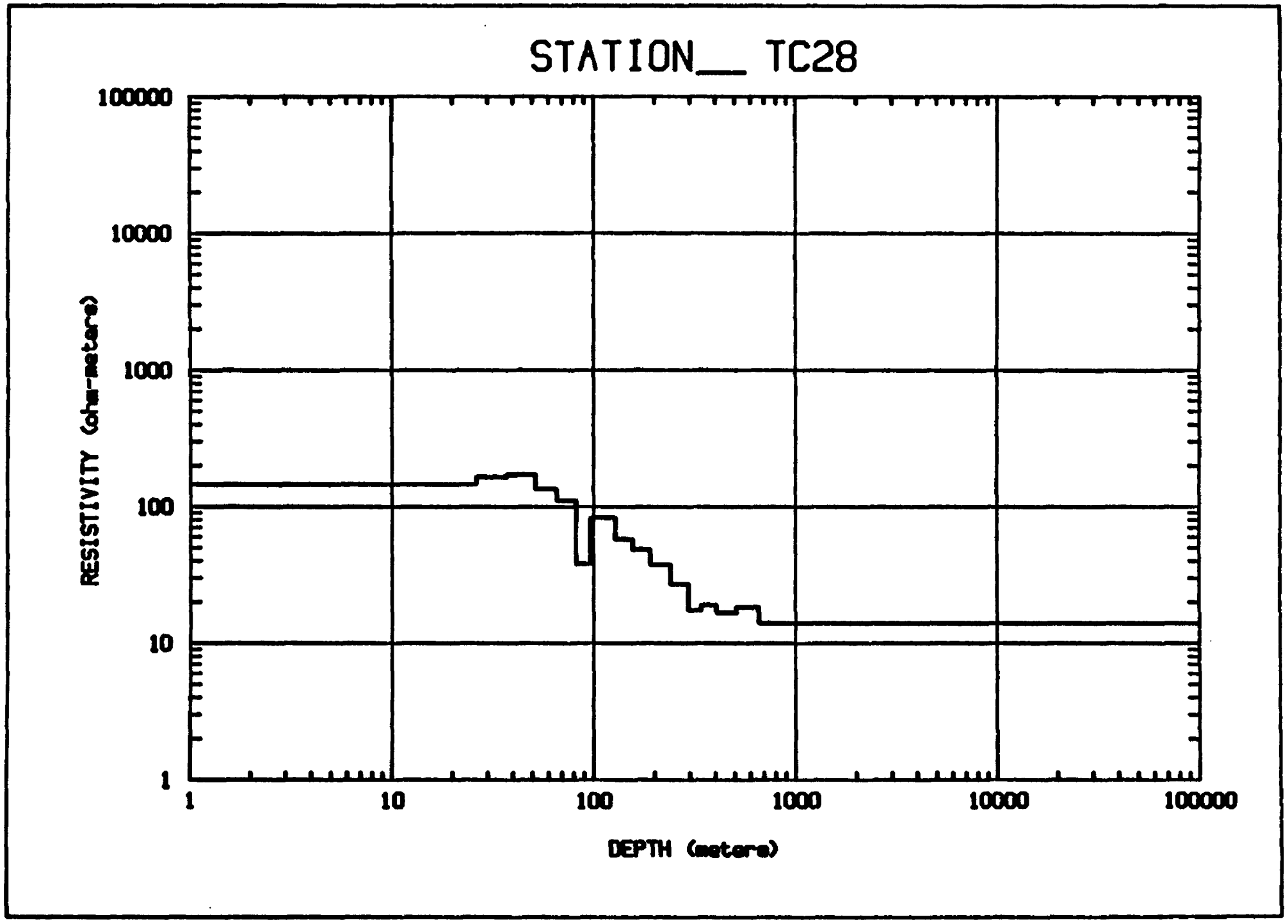
Station TC25 Quality: Poor Teton Village 7.5", T41N R117W NESE S13
TC25A (repeat) Quality: Excellent
Station Location: On ranch rd. about .3 mi E of Snake River
Remarks: TC25A is repeat done in fall, used here; flat curve, ~100 Ohm-m. NS below EW all freqs.



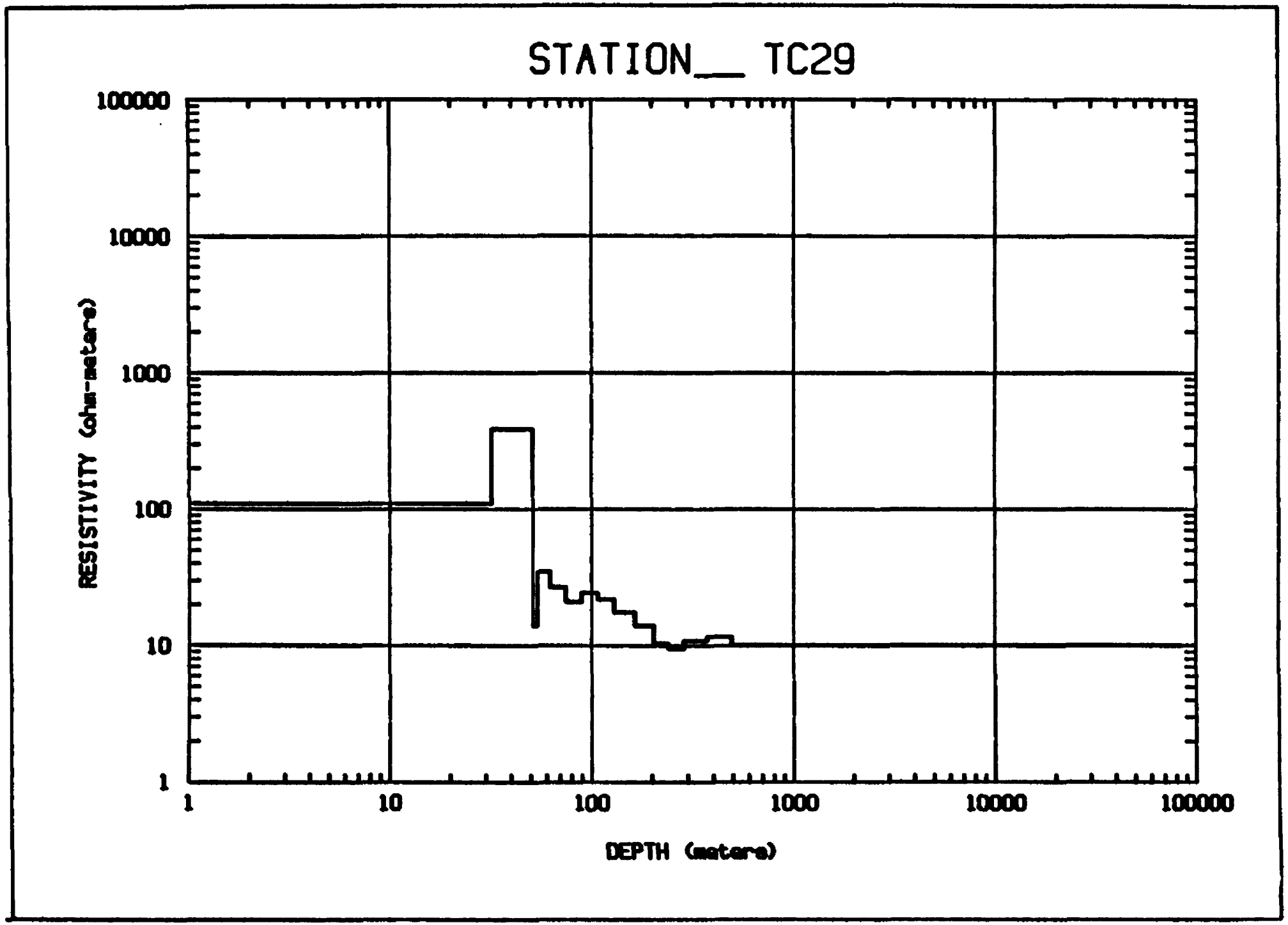
Station TC26 Quality: Good Teton Village 7.5", T41N R117W CWNW S19
Station Location: Pasture, 0.3 mi W of West Gros Ventre Butte Rd.
Remarks: Intermittent cable problem found and repaired with this sounding. Low resistivity... about 10 ohm-m. NS above EW for most freqs.



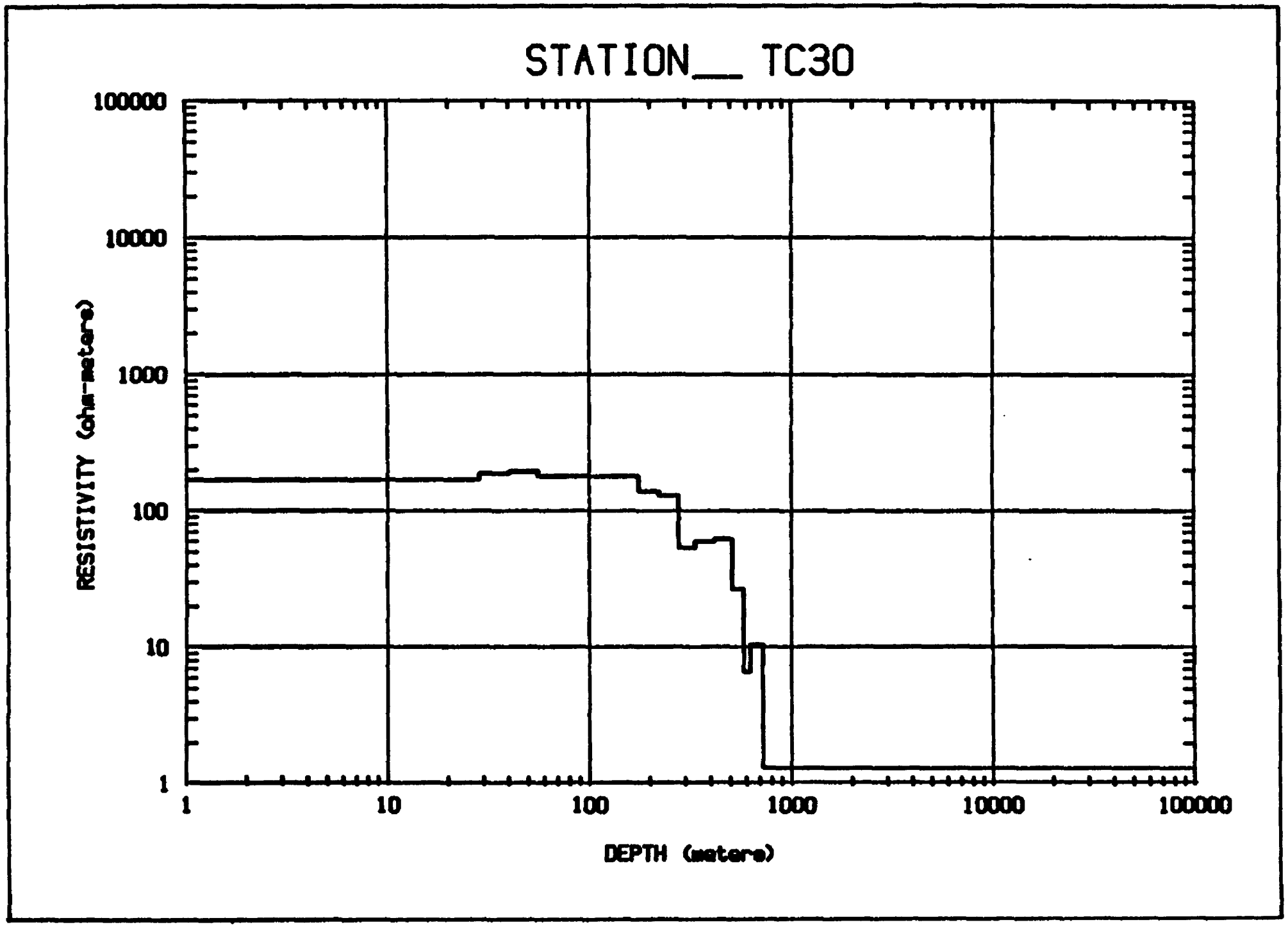
Station TC27 Quality: Excellent Teton Village 7.5", T41N R116W NESW S18
Station Location: 0.1 mi W of West Gros Ventre Butte Rd.
Remarks: Most resistivities less than 100 ohm-m. Practically no separation. Similar to Sta. 28 & 29.



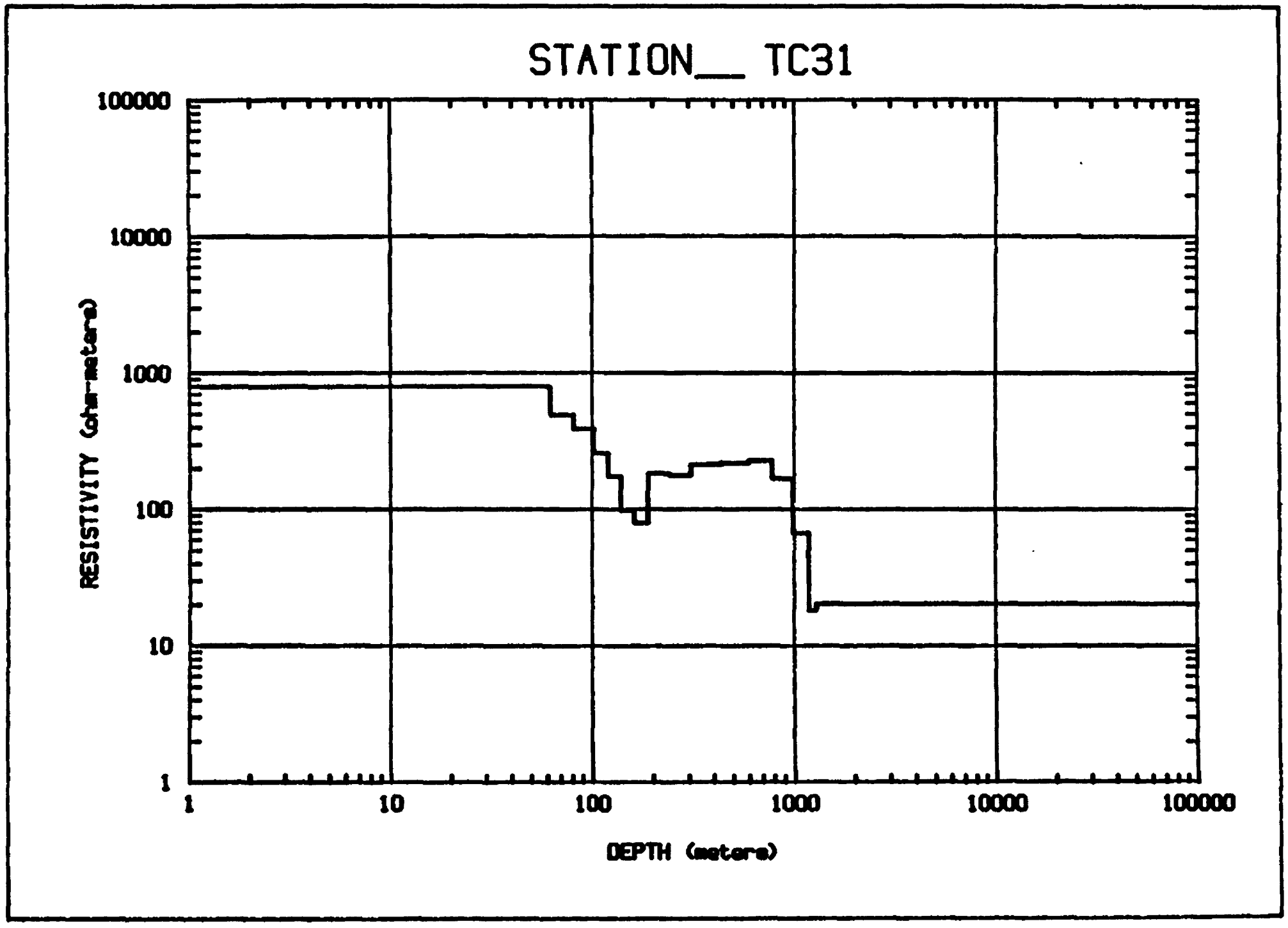
Station TC28 Quality: Good Jackson 7.5", T41N R117W NESW S35
Station Location: West side Snake River, gravel dike
Remarks: Most resistivities less than 100 ohm-m. Practically no separation. Similar to Sta. 27 & 29.



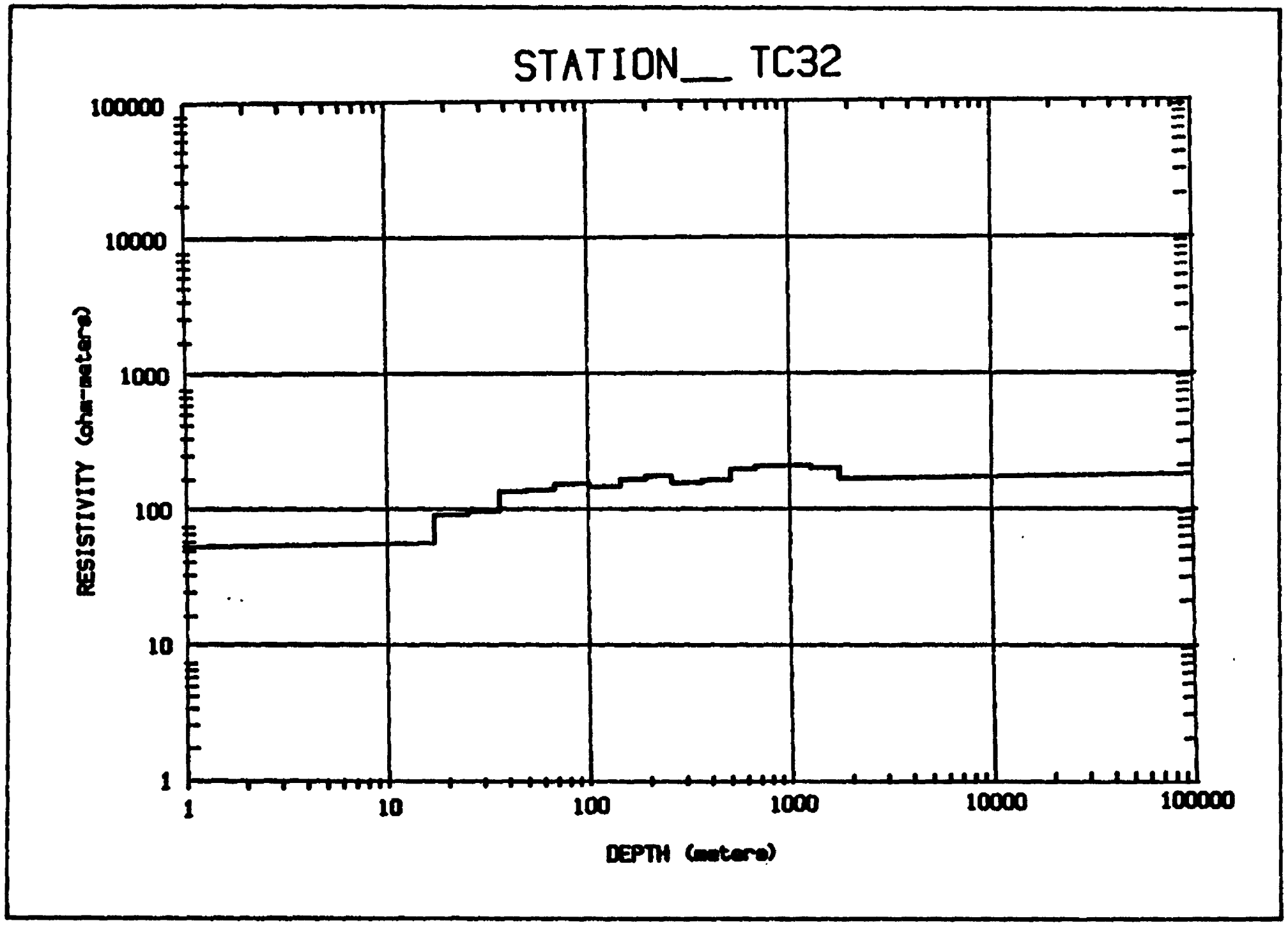
Station TC29 Quality: Excellent Jackson 7.5", T41N R117W NWNE S35
Station Location: W side Snake River, gravel dike
Remarks: Similar to Sta. 27 & 28. Little separation.



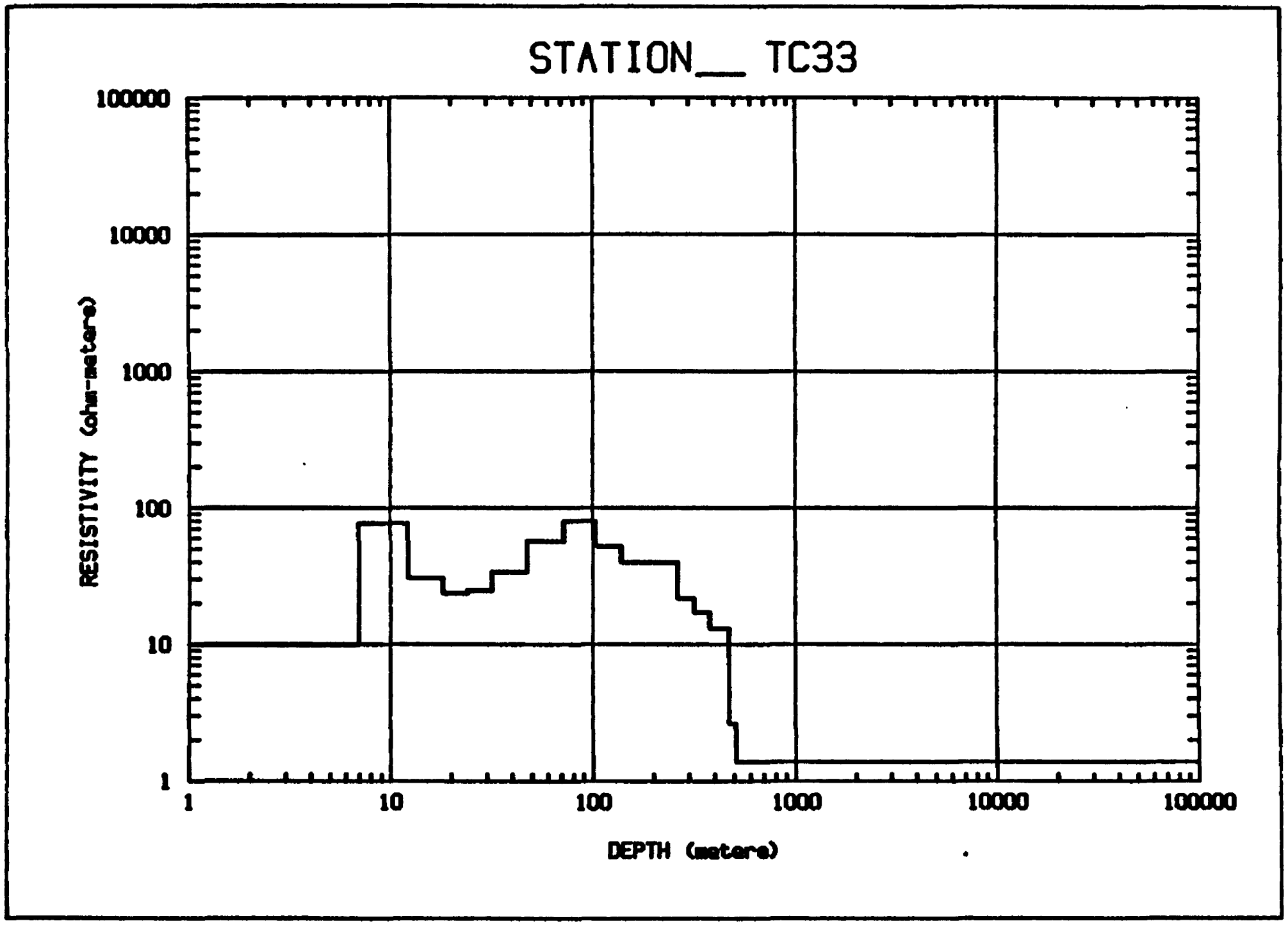
Station TC30 Quality: Excellent Jackson 7.5", T41N R117W NESW S26
Station Location: W side Snake River, gravel dike
Remarks: Little separation.



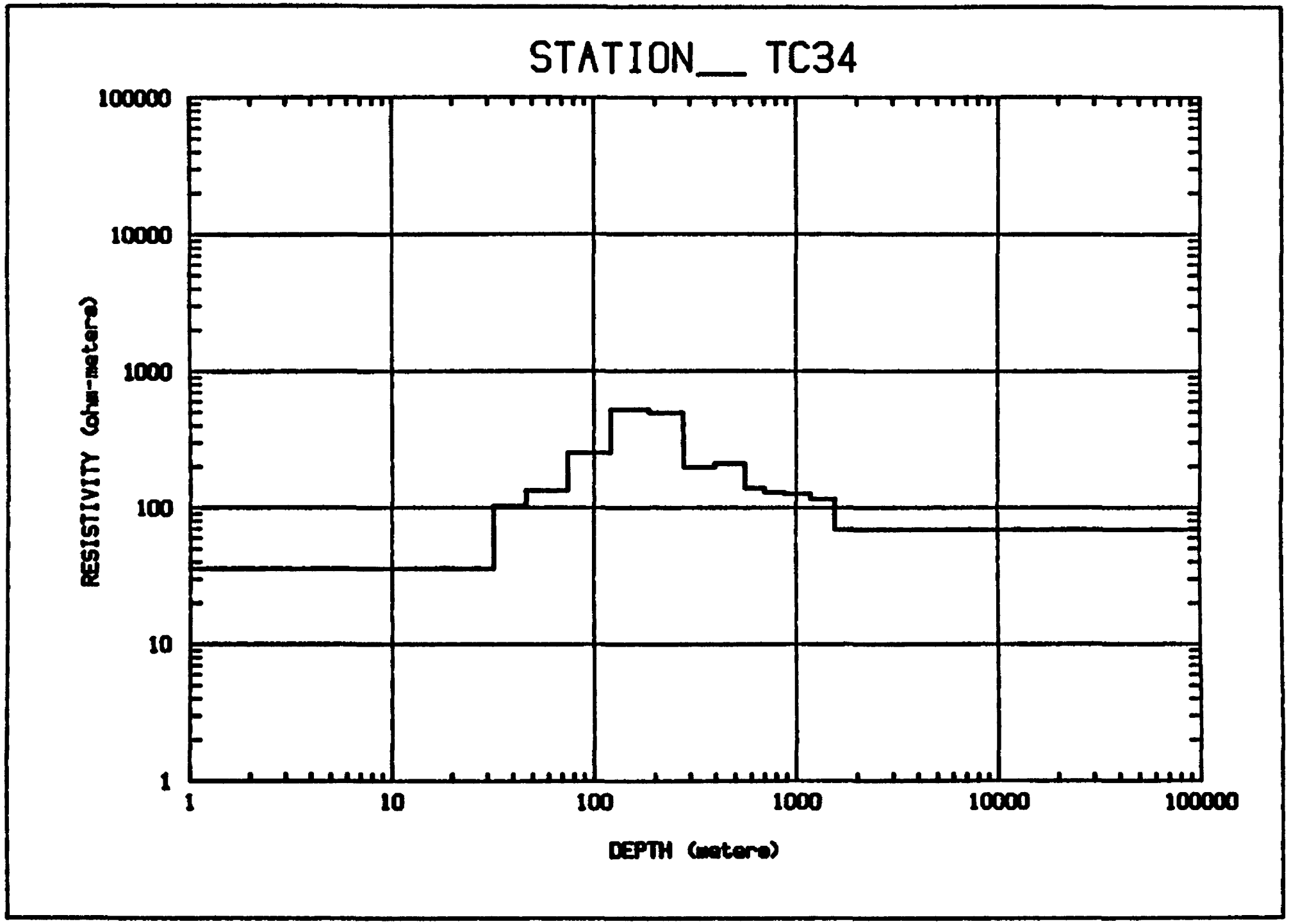
Station TC31 Quality: Good Jackson 7.5", T41N R117W NENE S26
Station Location: W side Snake Riv, gravel dike
Remarks: Little separation most depths; maybe NS higher for deepest layers.



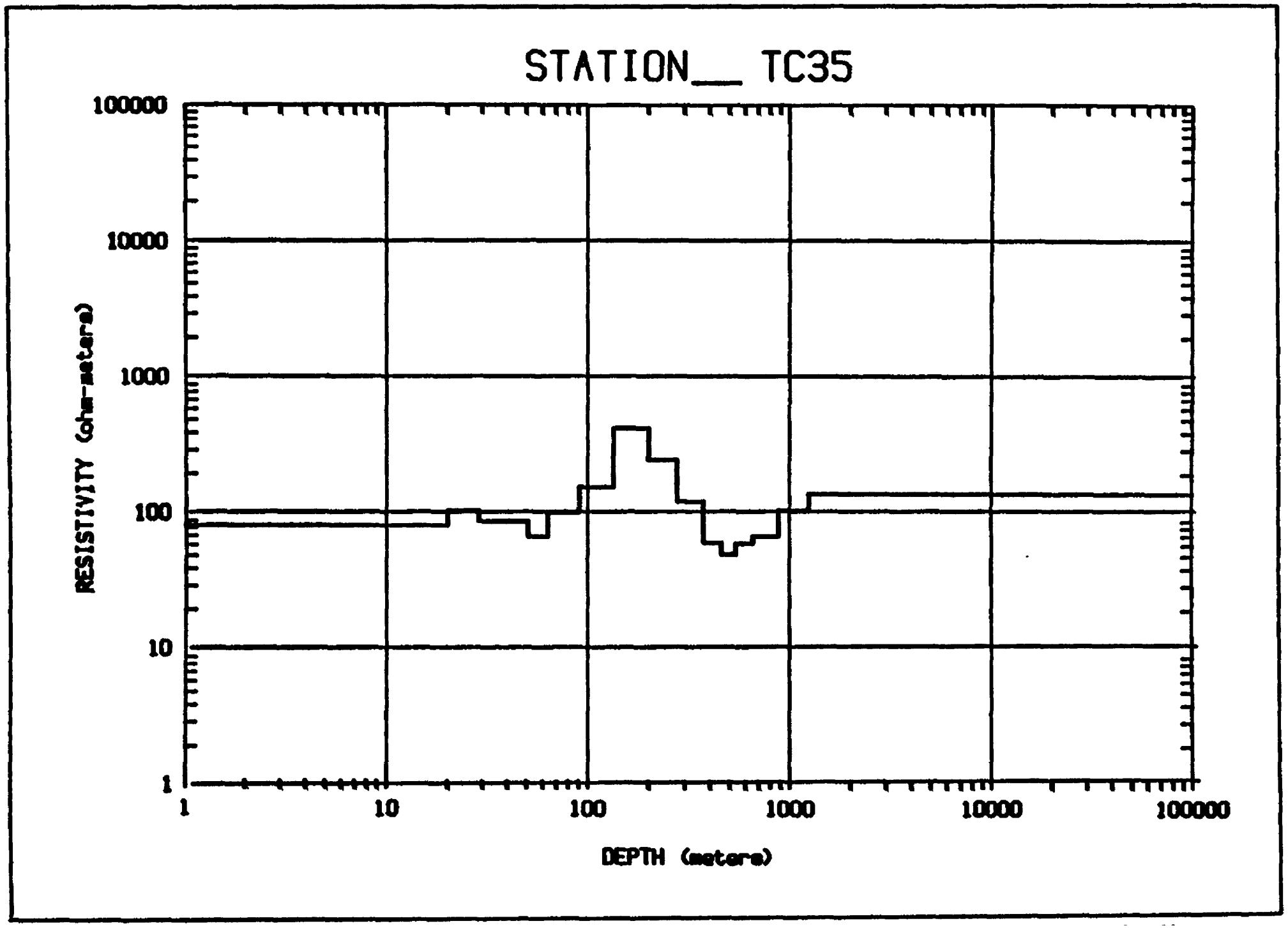
Station TC32 Quality: Excellent Teton Village 7.5", T41N R117W NWCW S24
Station Location: W. Side Snake Riv, gravel dike
Remarks: NS below EW for most freqs.



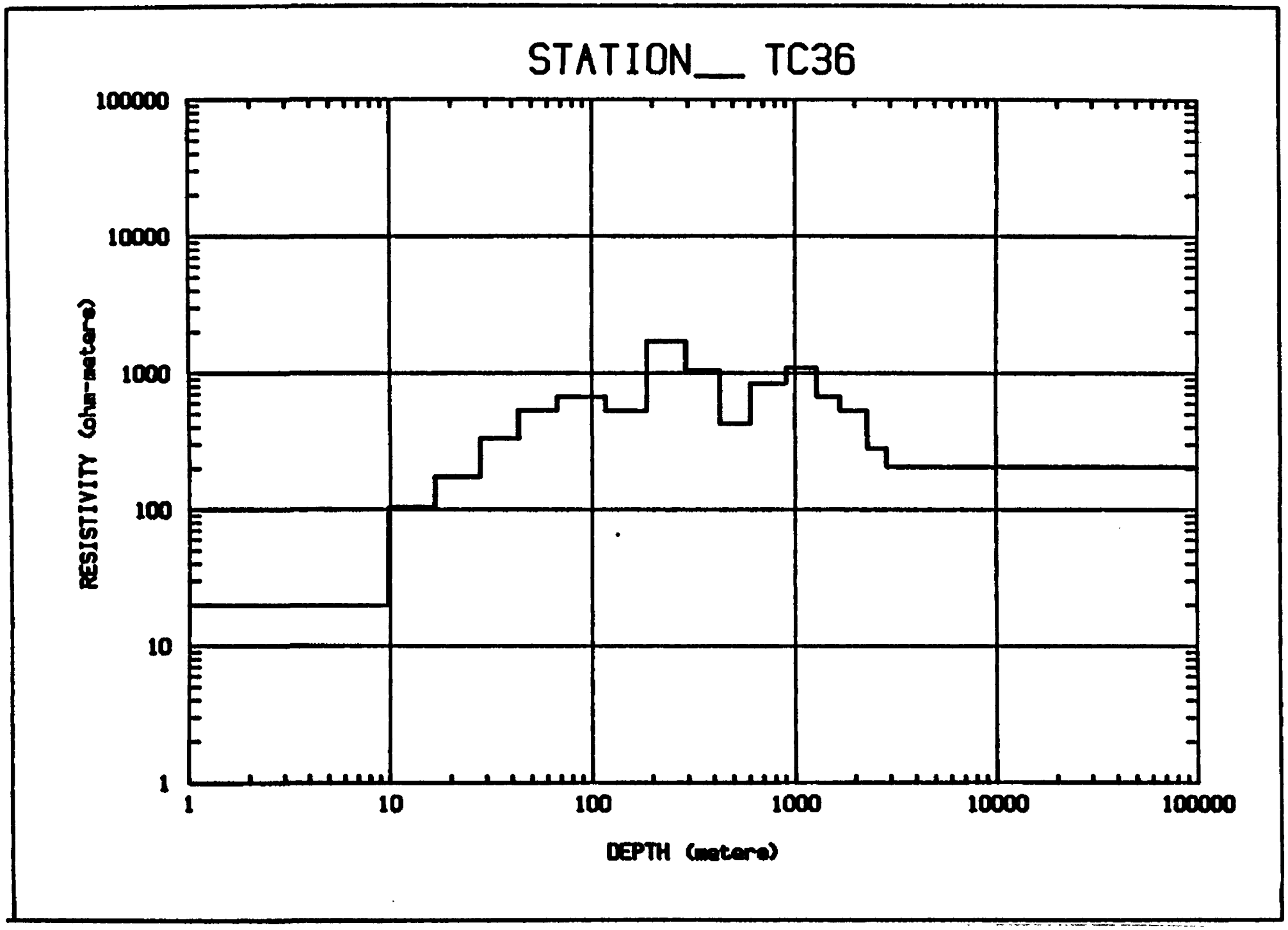
Station TC33 Quality: Good Jackson 7.5", T41N R117W NWNW S36
Station Location: Pasture, 0.4 mi. W of Boyles Hill
Remarks: Lower at shallow and deep ends.



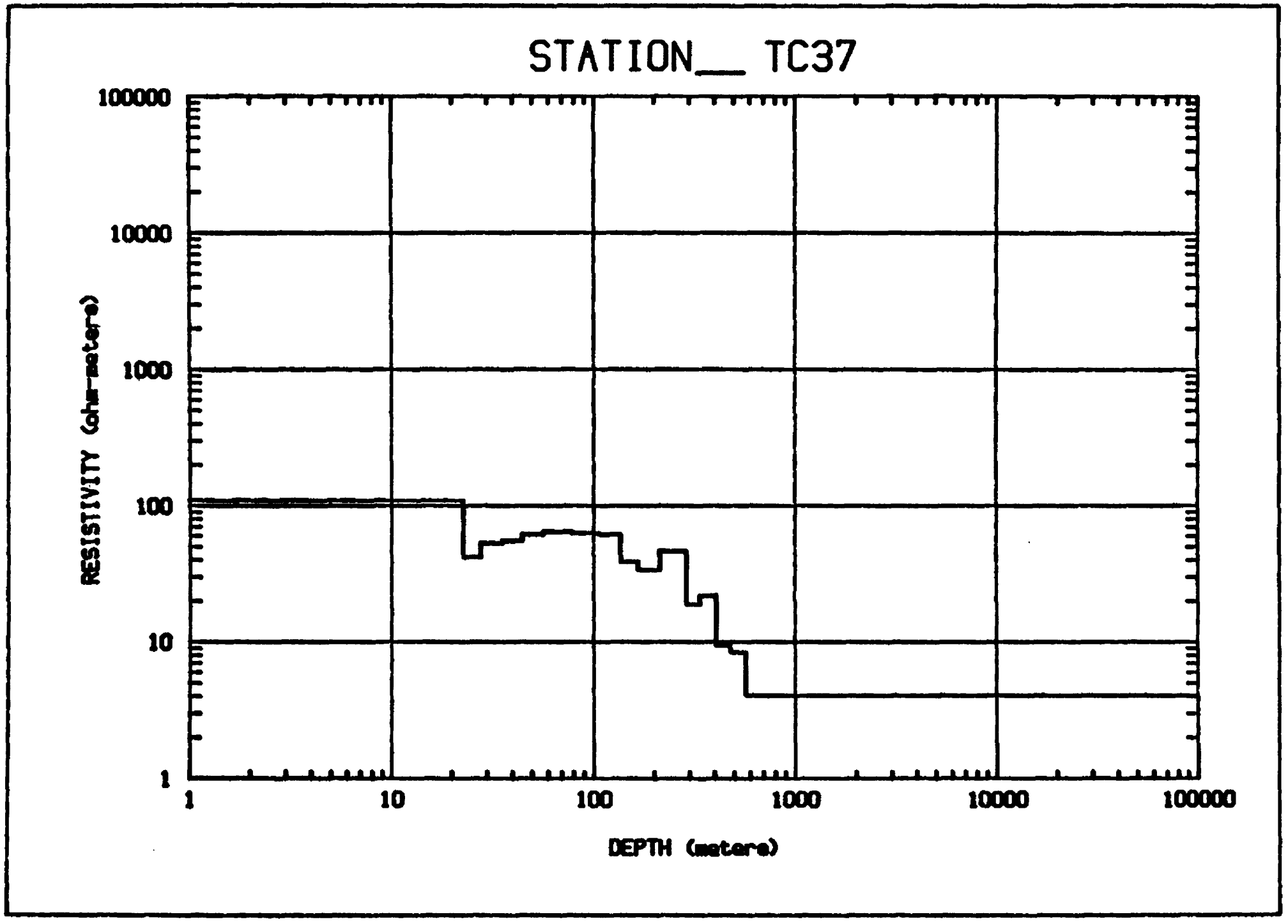
Station TC34 Quality: Excellent Jackson 7.5", T41N R117W NC S36
Station Location: Pasture, NW edge of Boyles Hill
Remarks: "Cross-over" at about 1400 Hz; NS above EW shallow, but below deep.



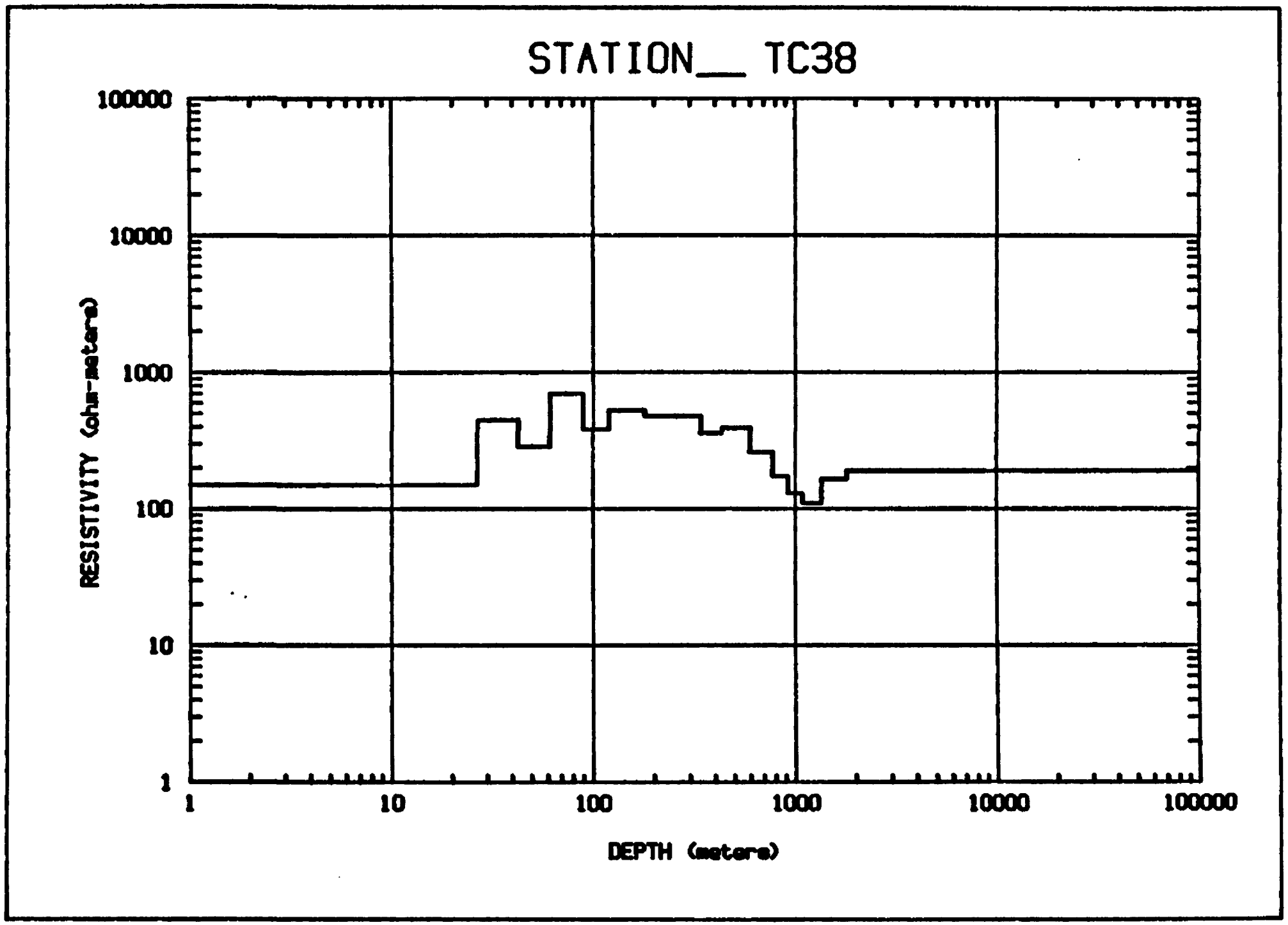
Station TC35 Quality: Good Jackson 7.5", T41N R117W SWSW S36
Station Location: 0.2 mi W of S end of Boyles Hill
Remarks: Little separation most depths, NS maybe lower for deepest layers.



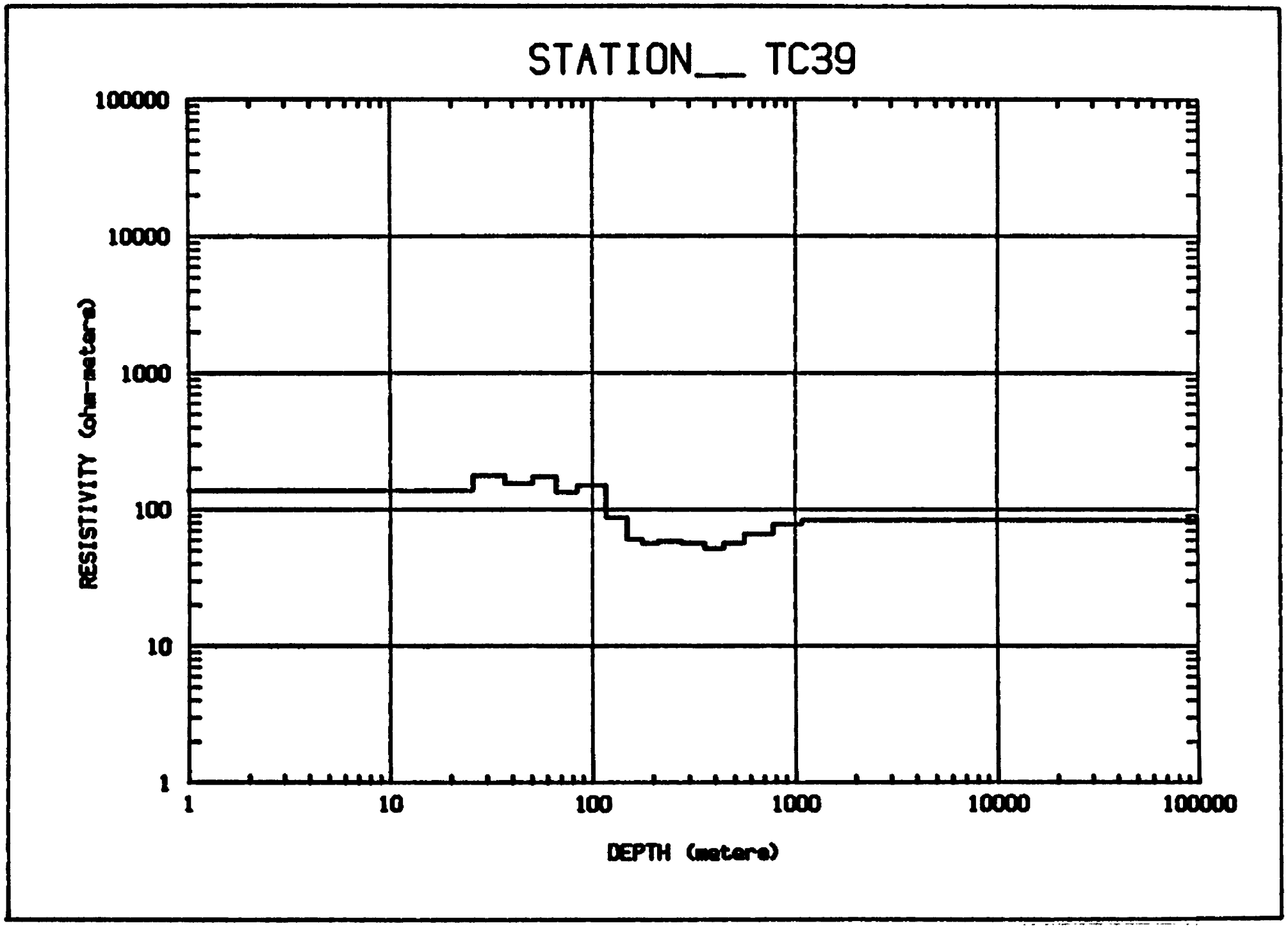
Station TC36 Quality: Excellent Jackson 7.5", T41N R116W SWNW S31
Station Location: 1 mi. E. of Boyles Hill; S bank Spring Ck; just W of lone knob at S end of East Gros Ventre Butte
Remarks: NS above EW for most freqs. (Current channeling due to Buttes?)



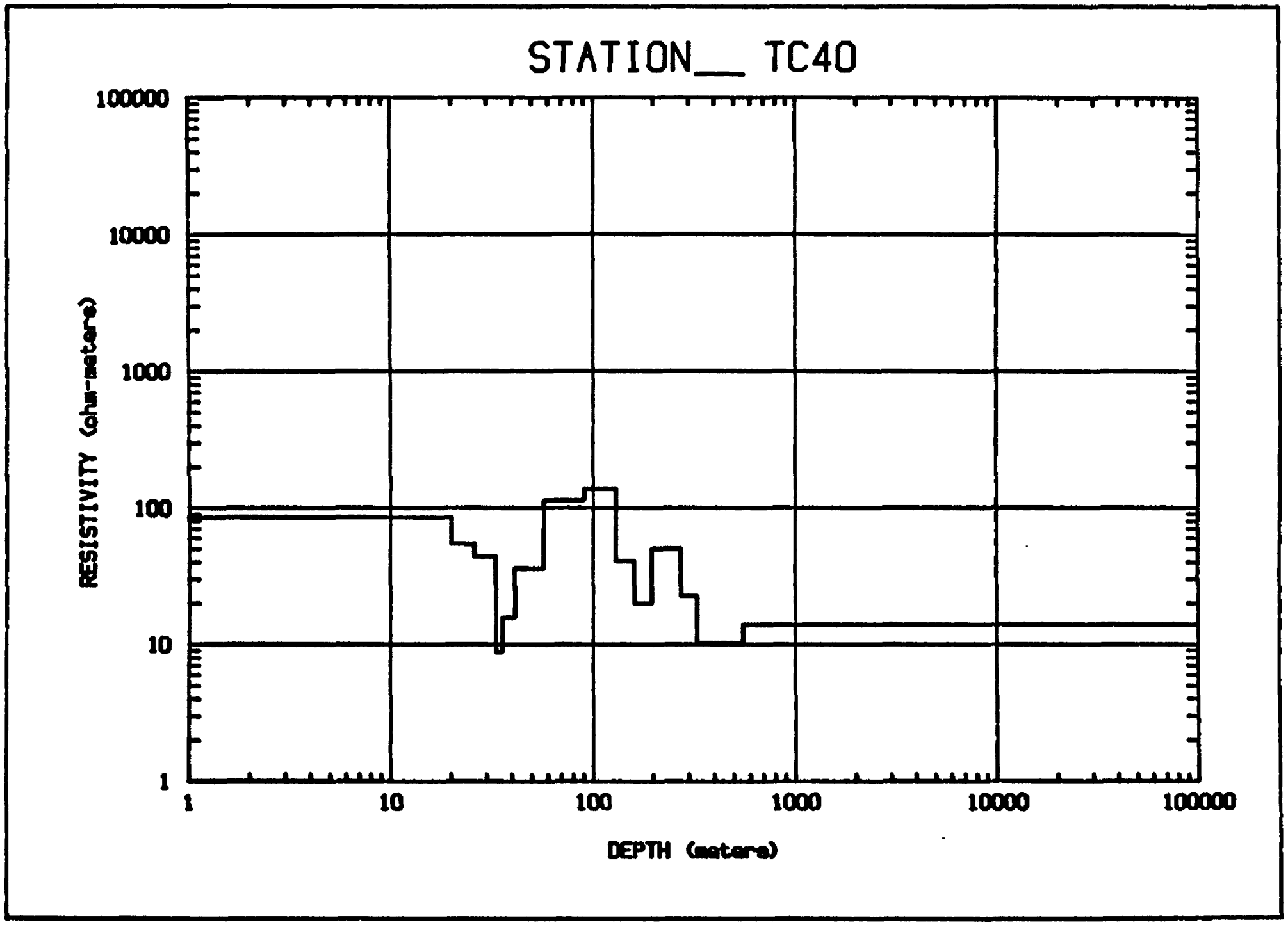
Station TC37 Quality: Excellent Jackson 7.5", T41N R116W SWNW S31
Station Location: 0.2 mi E of N end of Boyles Hill
Remarks: NS above EW for all freqs.



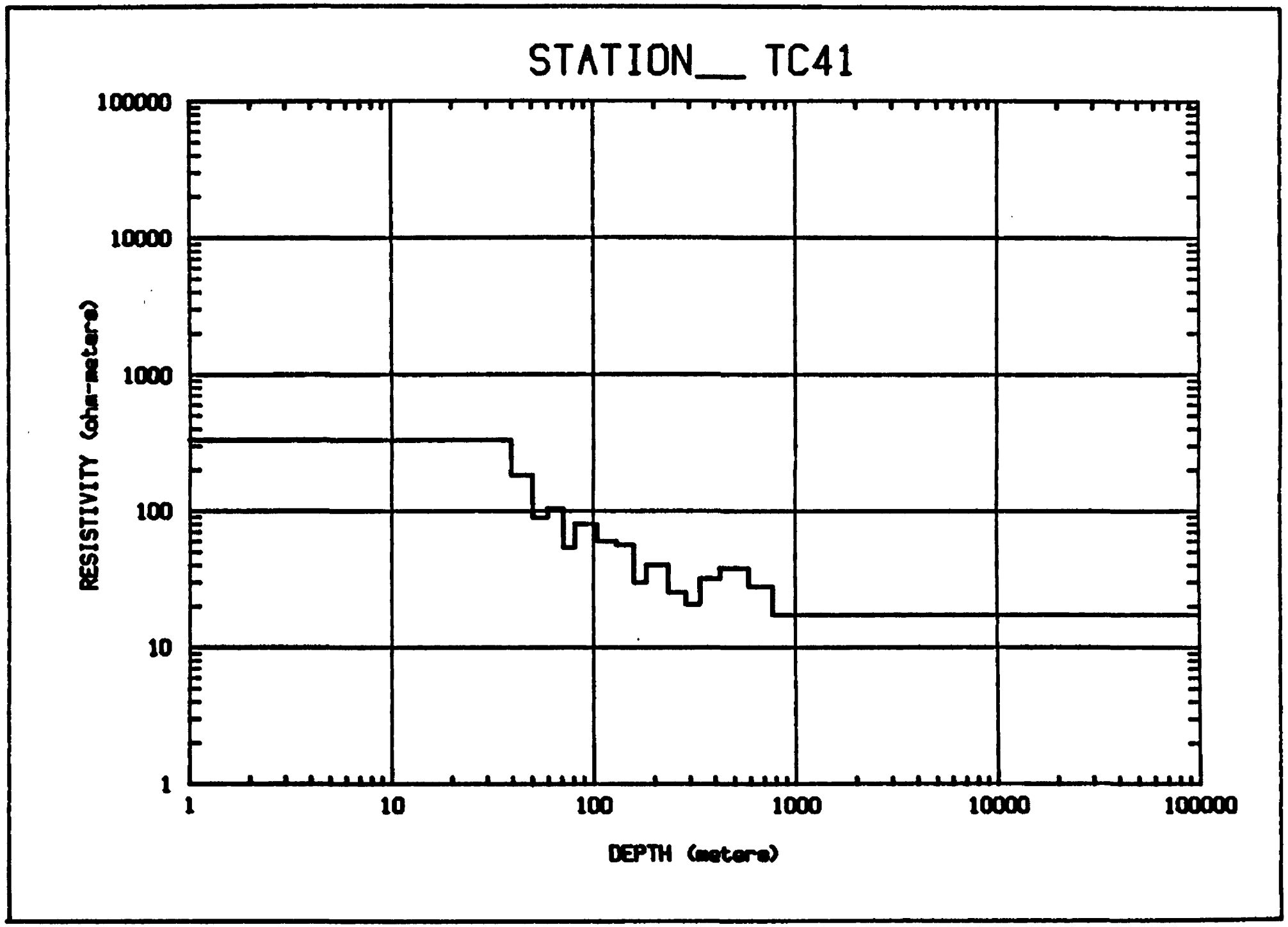
Station TC38 Quality: Excellent Teton Village 7.5", T41N R117W NWCE S13
Station Location: West side Snake River, on gravel
Remarks: NS above EW for most freqs.



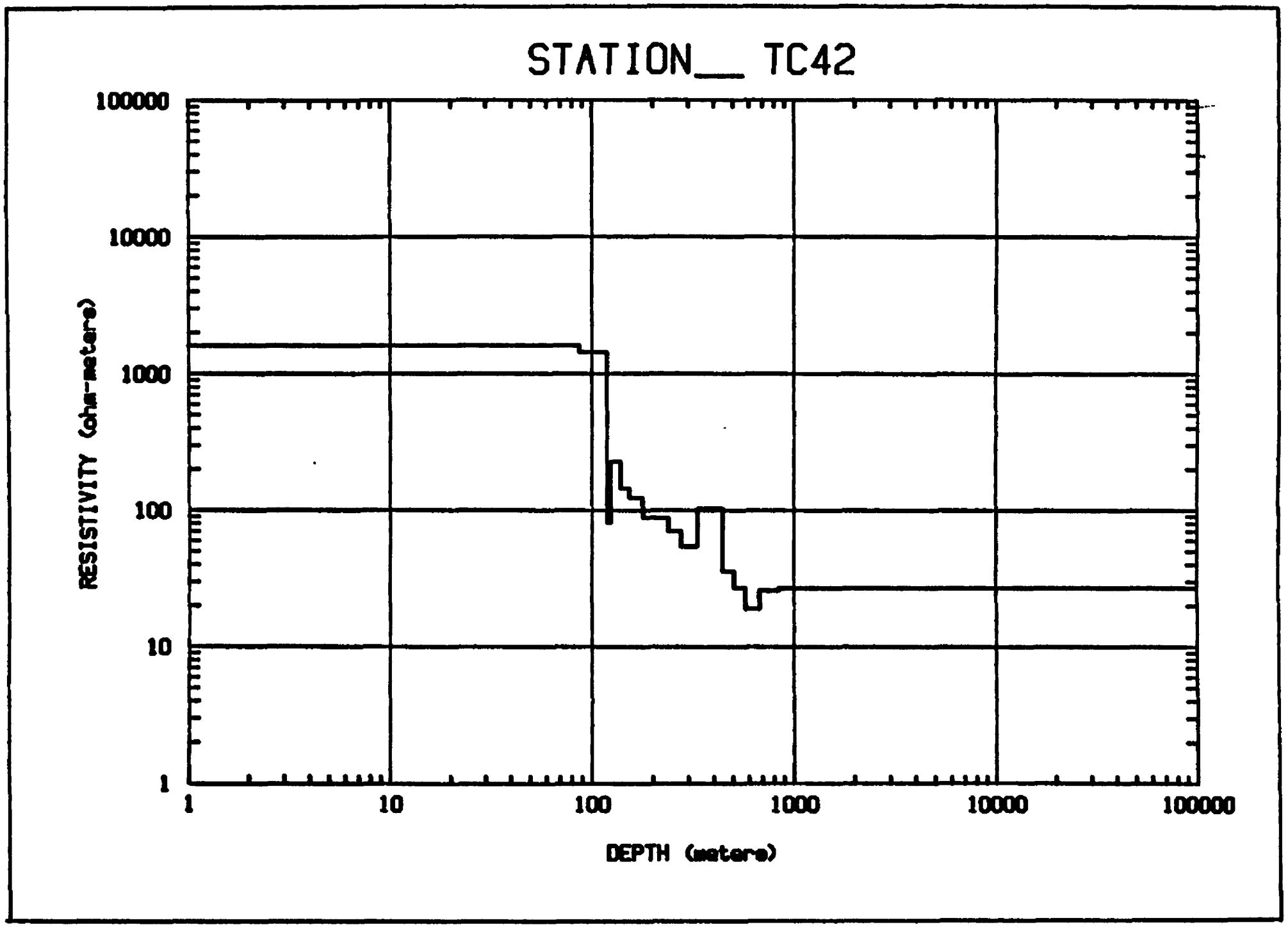
Station TC39 Quality: Good Jackson 7.5", T40N R117W NESE S1
Station Location: In field, 0.2 mi E of Spring Creek
Remarks: NS maybe above EW; several dropped freqs.



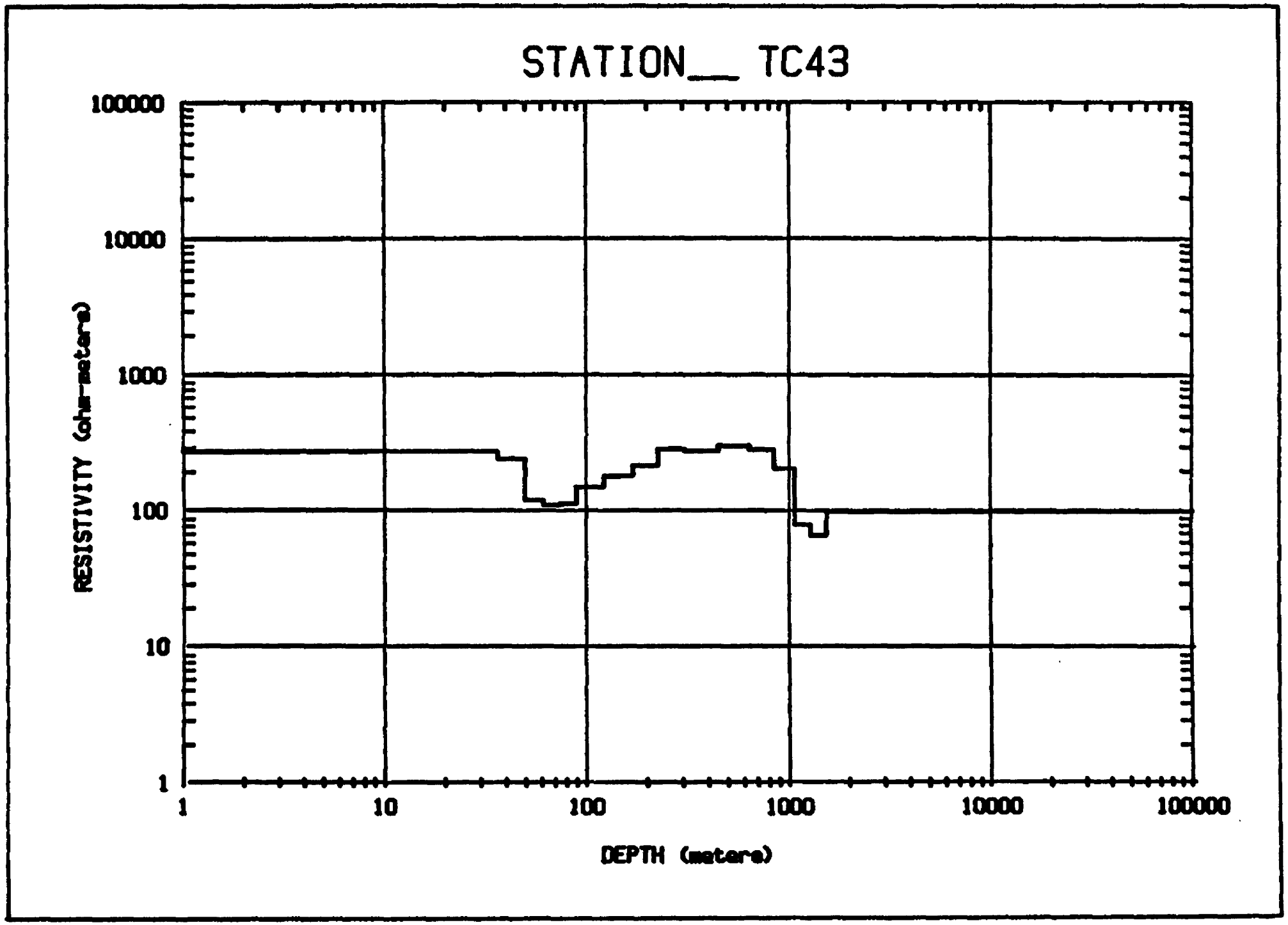
Station TC40 Quality: Excellent Jackson 7.5", T40N R117W SENE S12
Station Location: In field, 0.3 mi E of Spring Creek
Remarks: Little separation; maybe NS > EW for deepest layers.



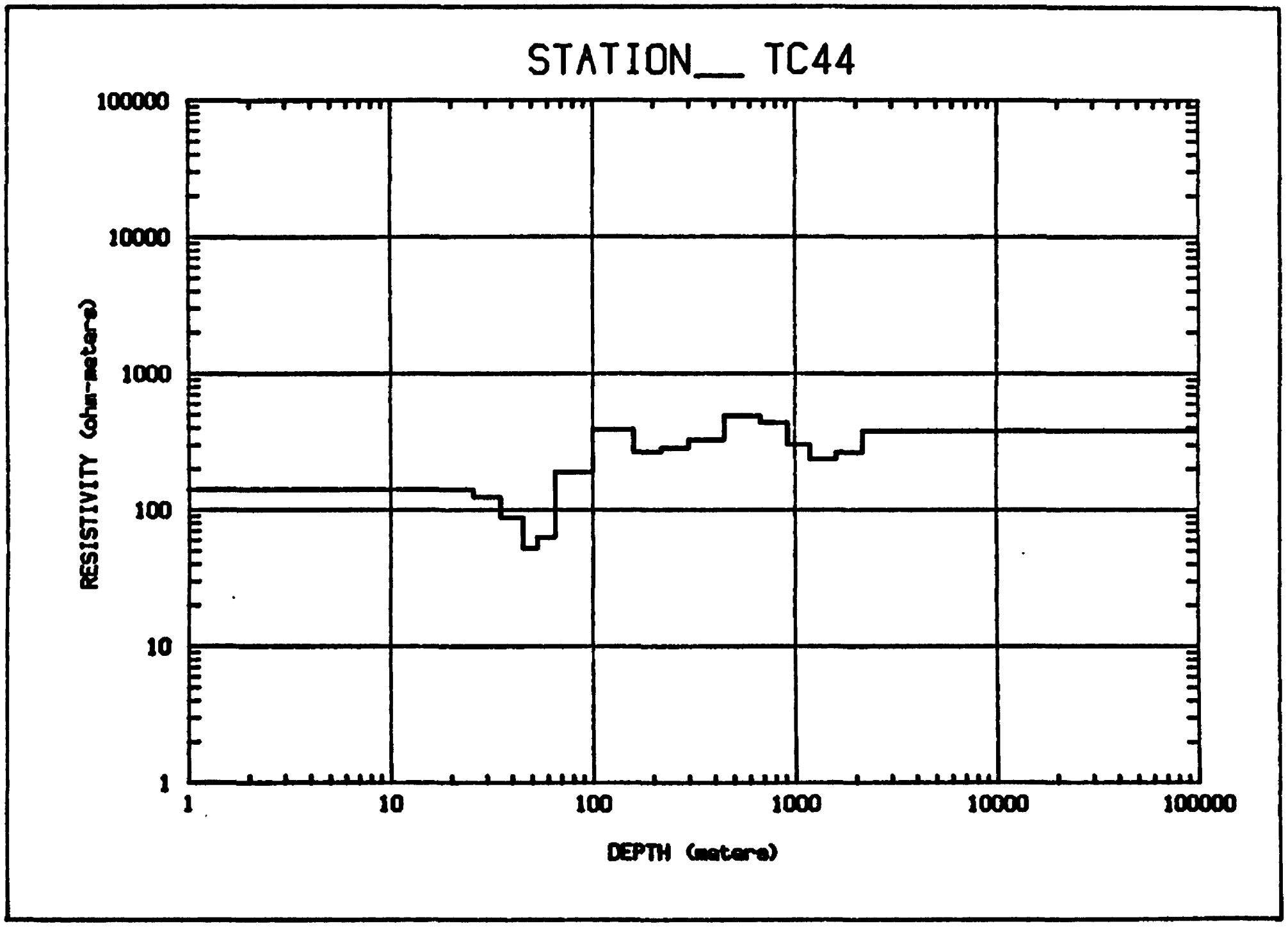
Station TC41 Quality: Good Jackson 7.5", T40N R117W SESE S12
Station Location: Pasture, 0.3 mi E of Spring Creek
Remarks: No separation.



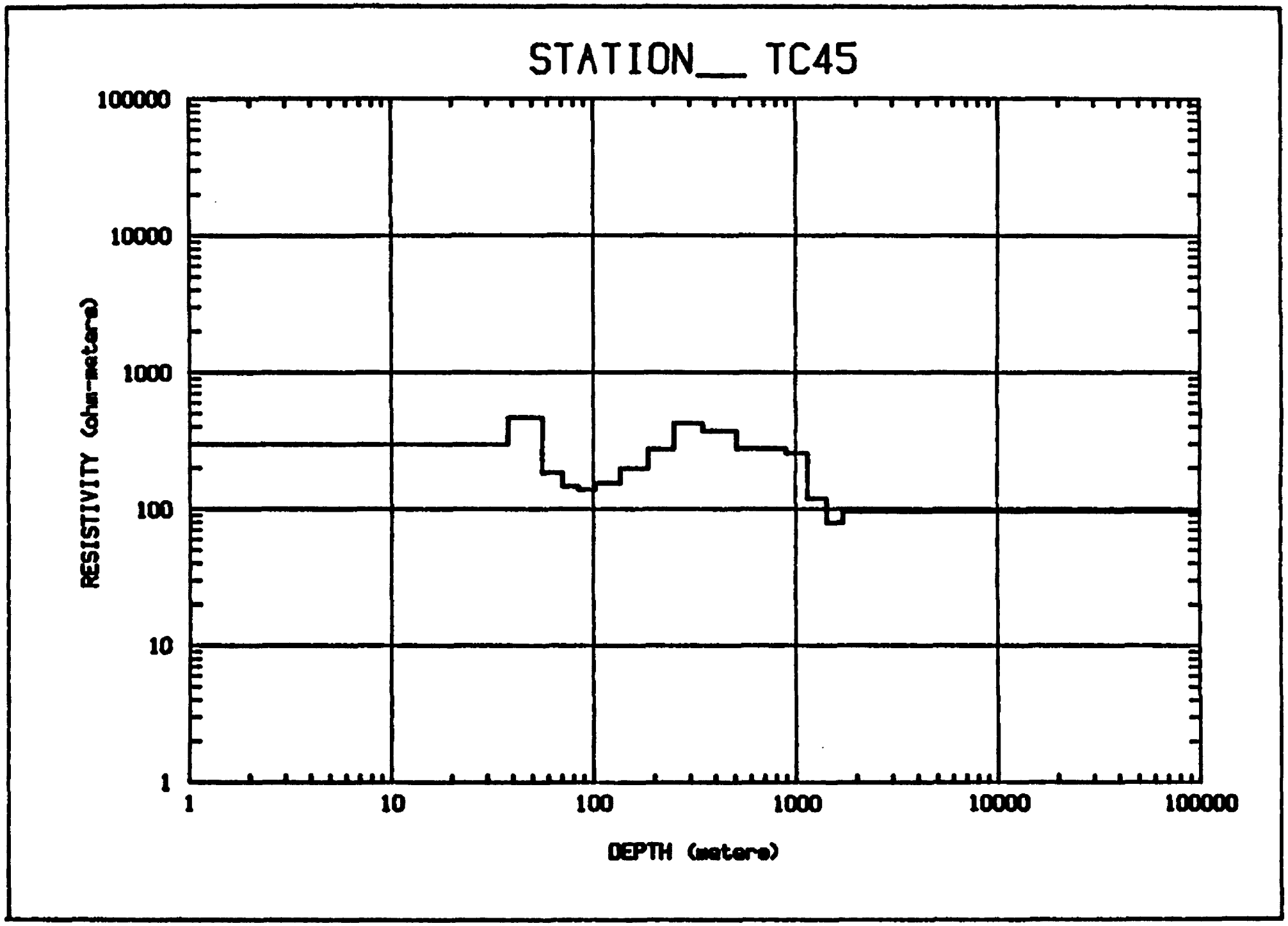
Station TC42 Quality: Excellent Jackson 7.5", T40N R117W NENW S12
Station Location: Pasture, 0.2 mi W of Spring Creek
Remarks: NS above EW for most freqs.



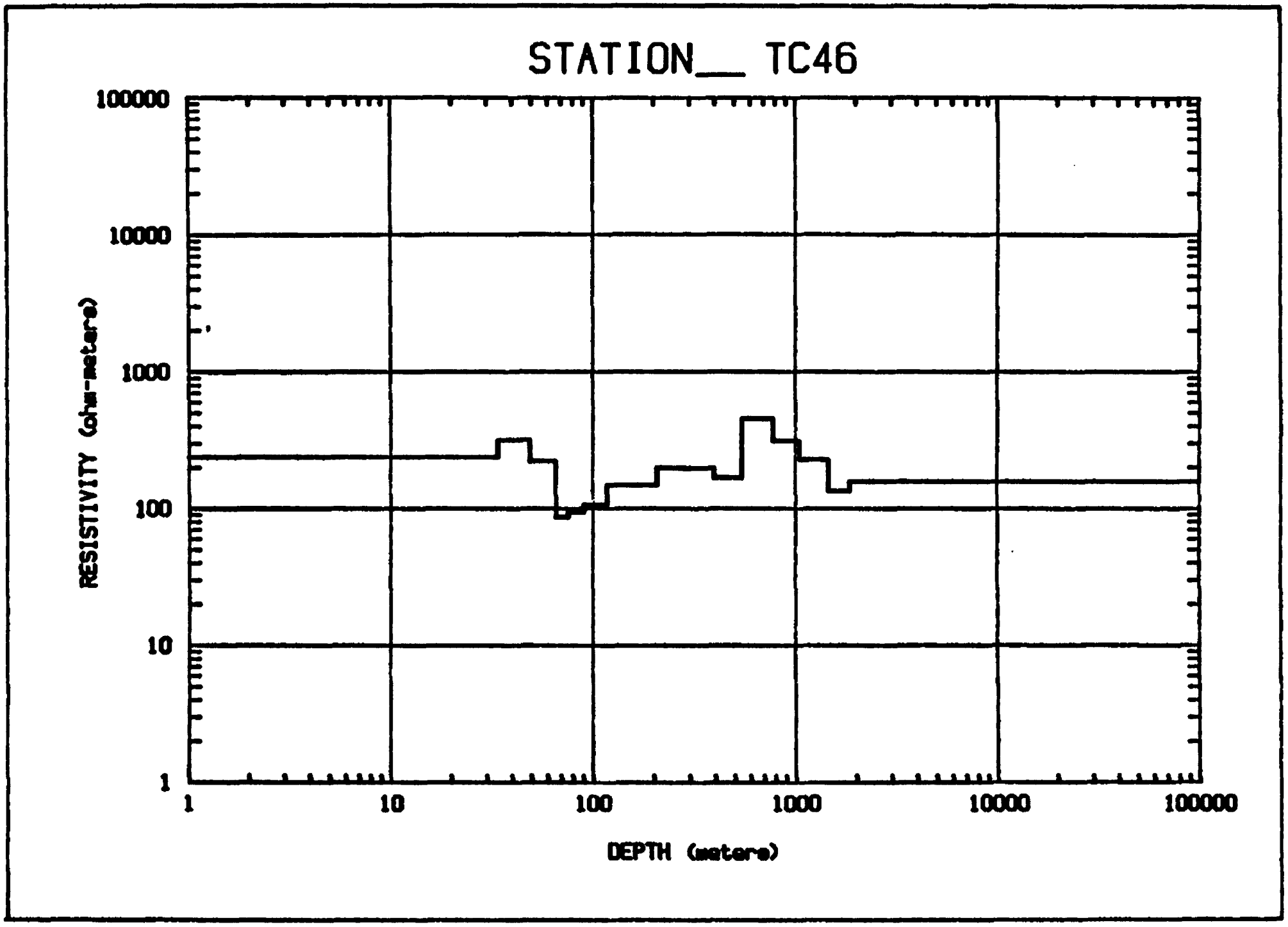
Station TC43 Quality: Excellent Jackson 7.5", T41N R116W NENW S29
Station Location: 0.3 mi W of East Gros Ventre Butte; on tributary of Spring Creek
Remarks: Little separation, but NS slightly below EW.



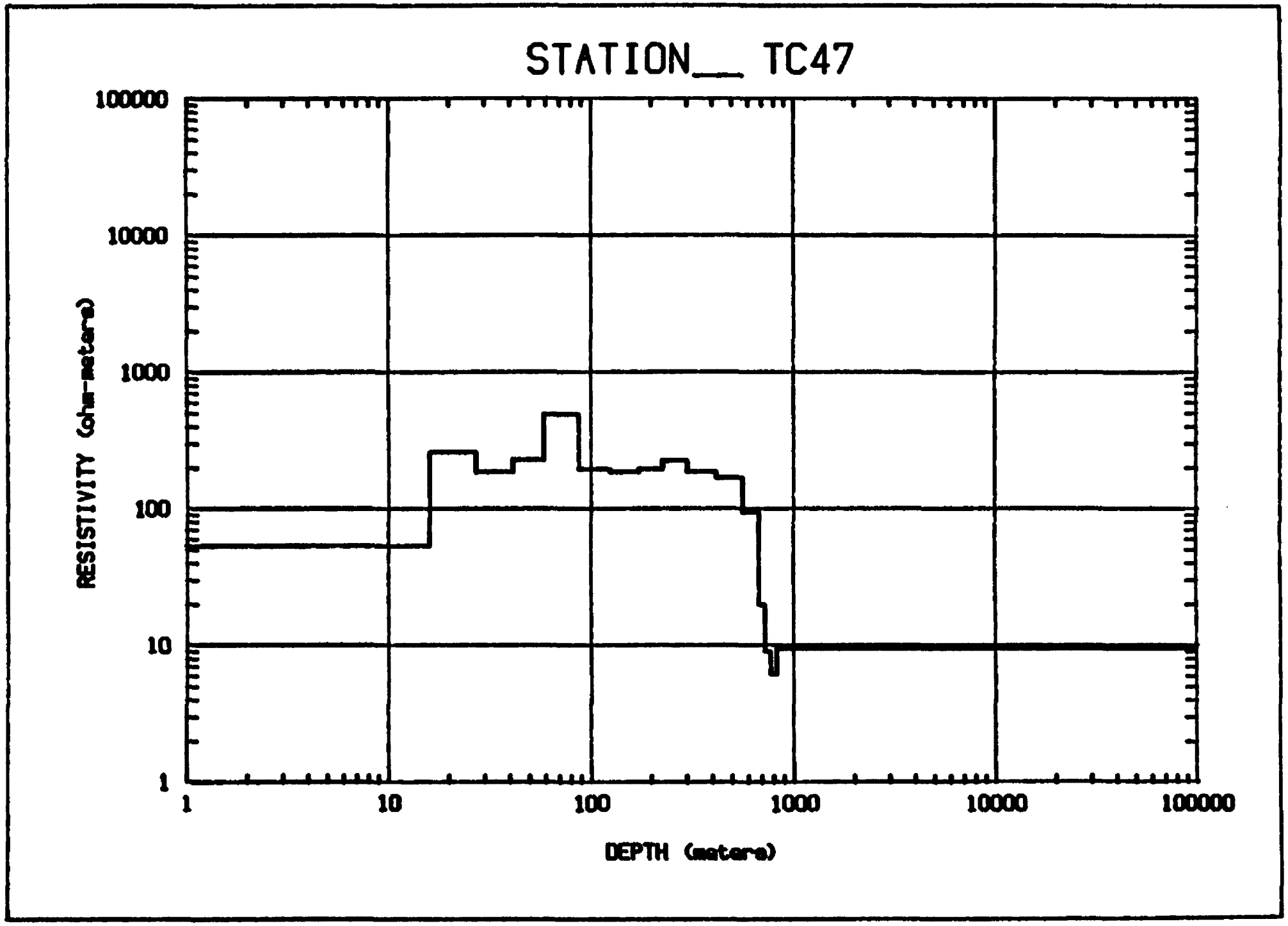
Station TC44 Quality: Excellent Teton Village 7.5", T41N R116W CNE S20
Station Location: E bank irrigation canal W of Spring Creek
Remarks: Little separation, but NS slightly below EW.



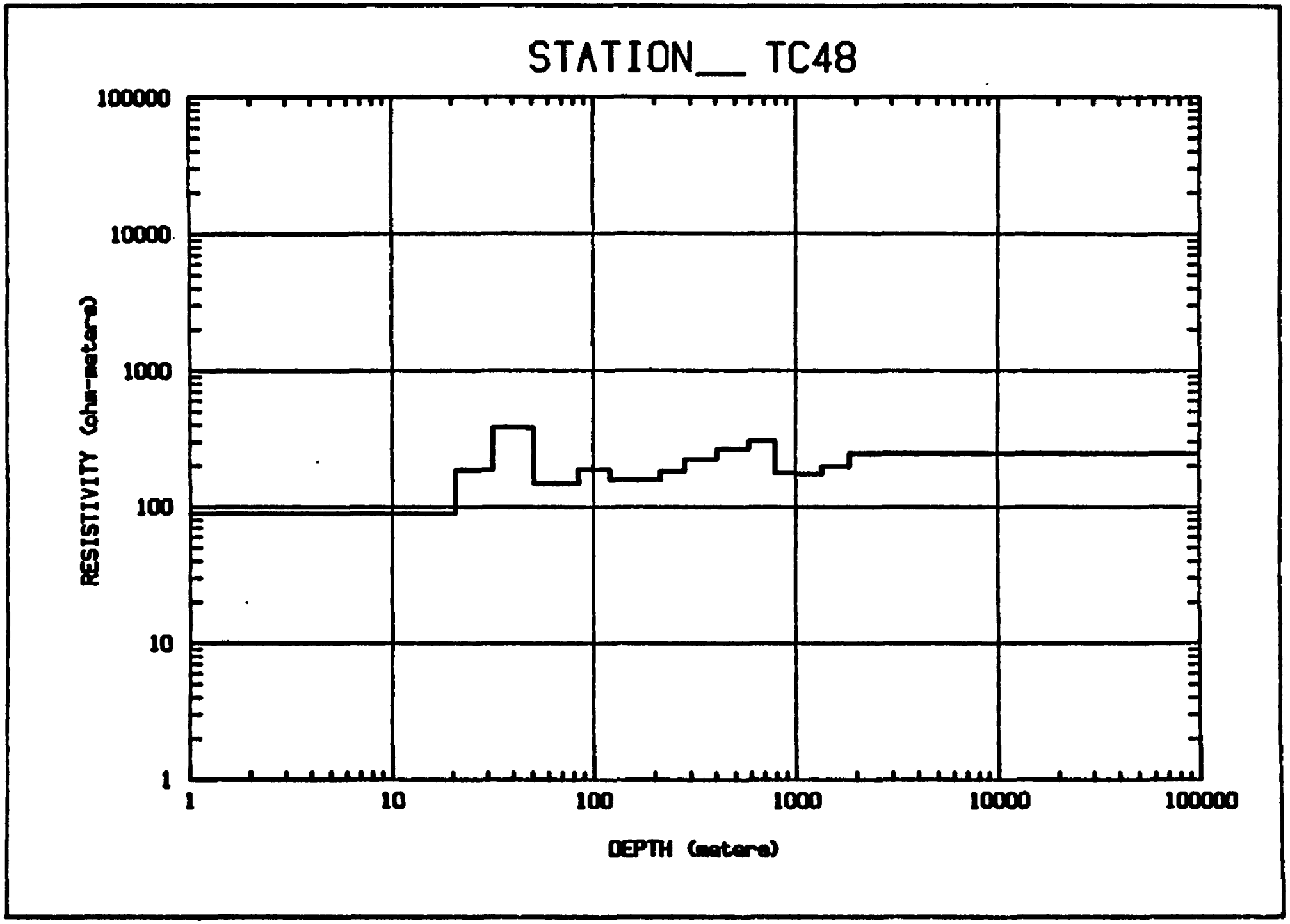
Station TC45 Quality: Excellent Teton Village 7.5", T41N R116W CESE S17
Station Location: Irrigation canal W of Spring Creek
Remarks: NS above EW for most freqs.



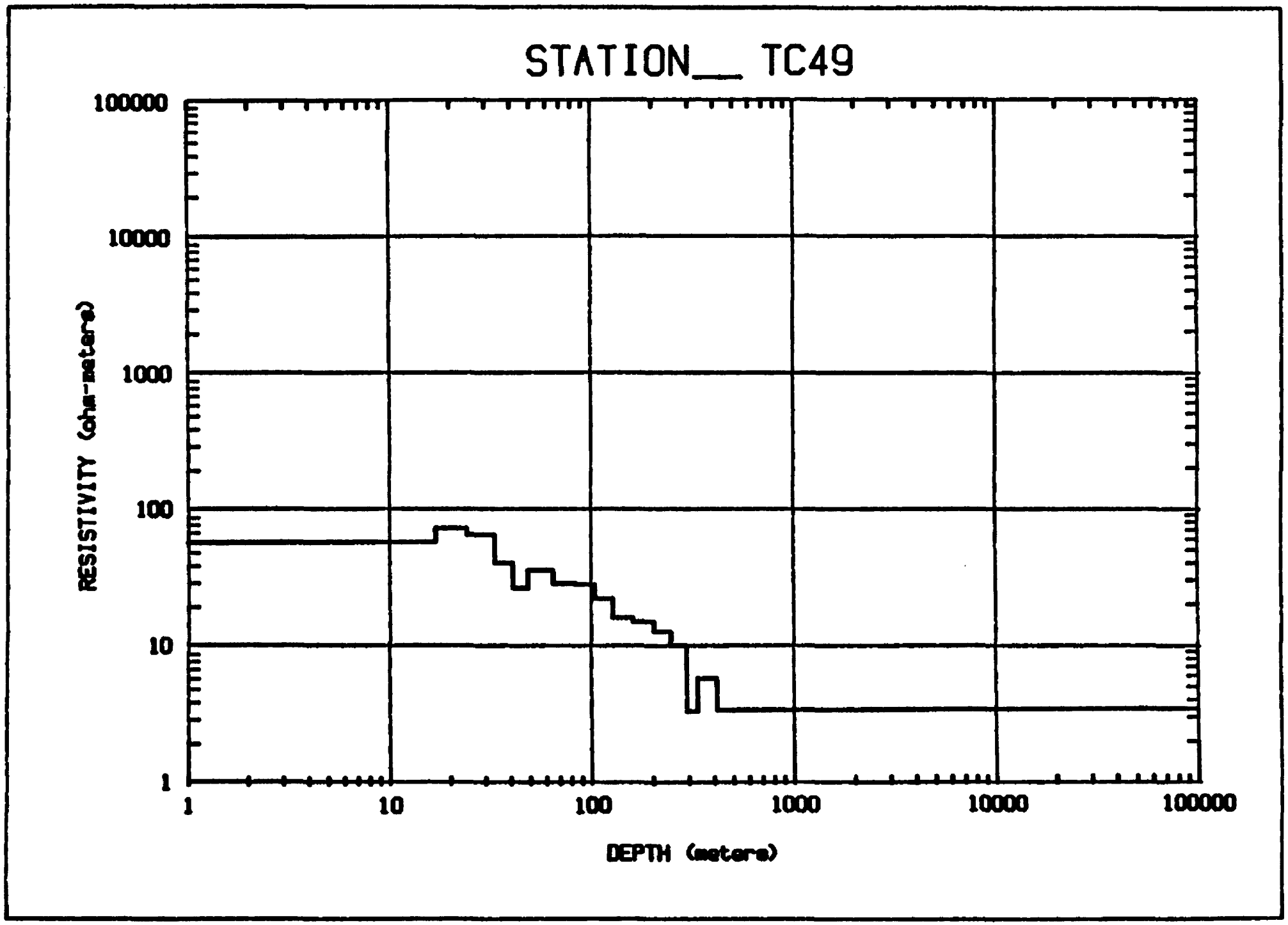
Station TC46 Quality: Excellent Teton Village 7.5", T41N R116W CENE S17
Station Location: Irrigation canal W of Spring Creek
Remarks: NS slightly above EW for most freqs.



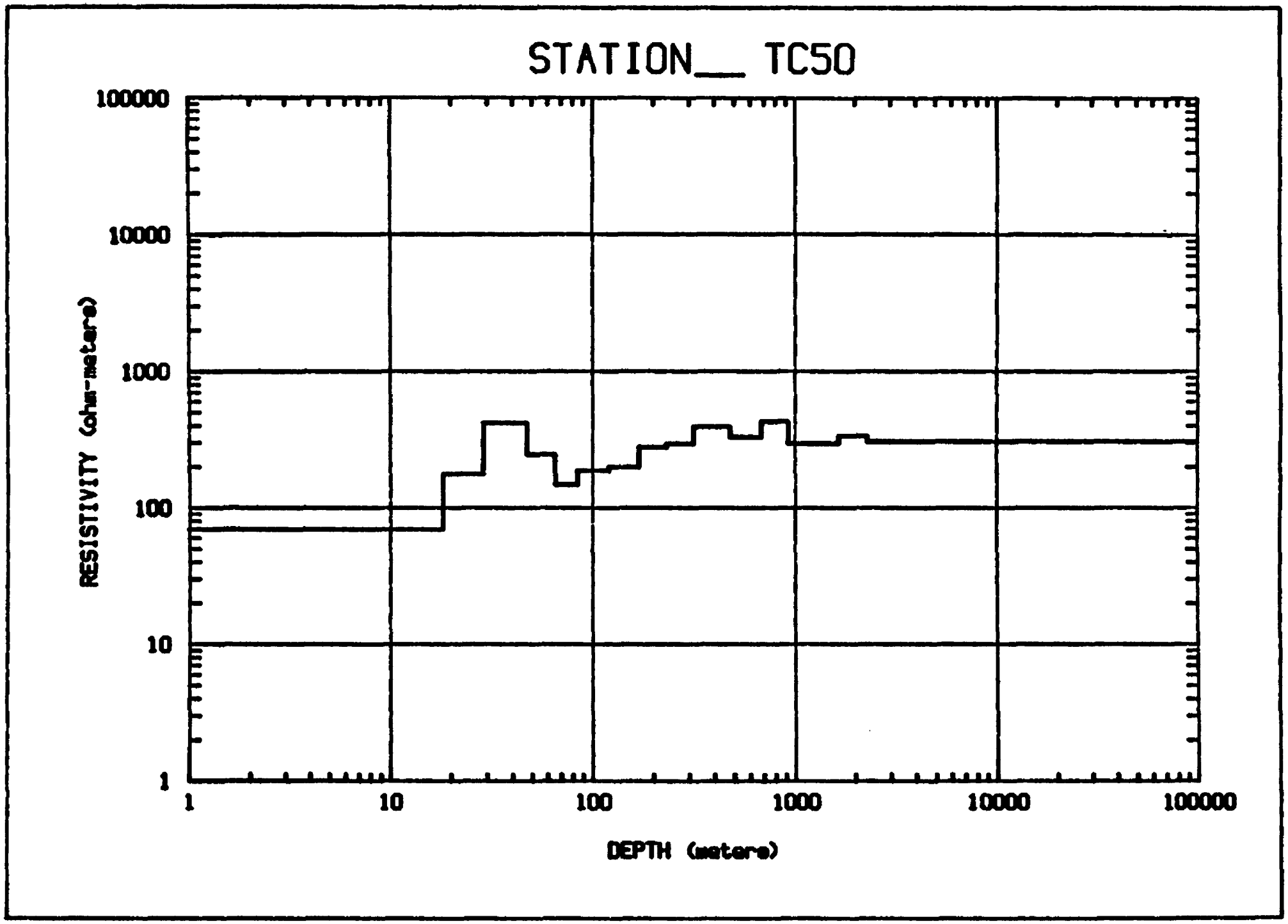
Station TC47 Quality: Good Jackson 7.5", T40N R116W SENE S7
Station Location: 0.2 mi E of Flat Creek
Remarks: NS above EW for most freqs.



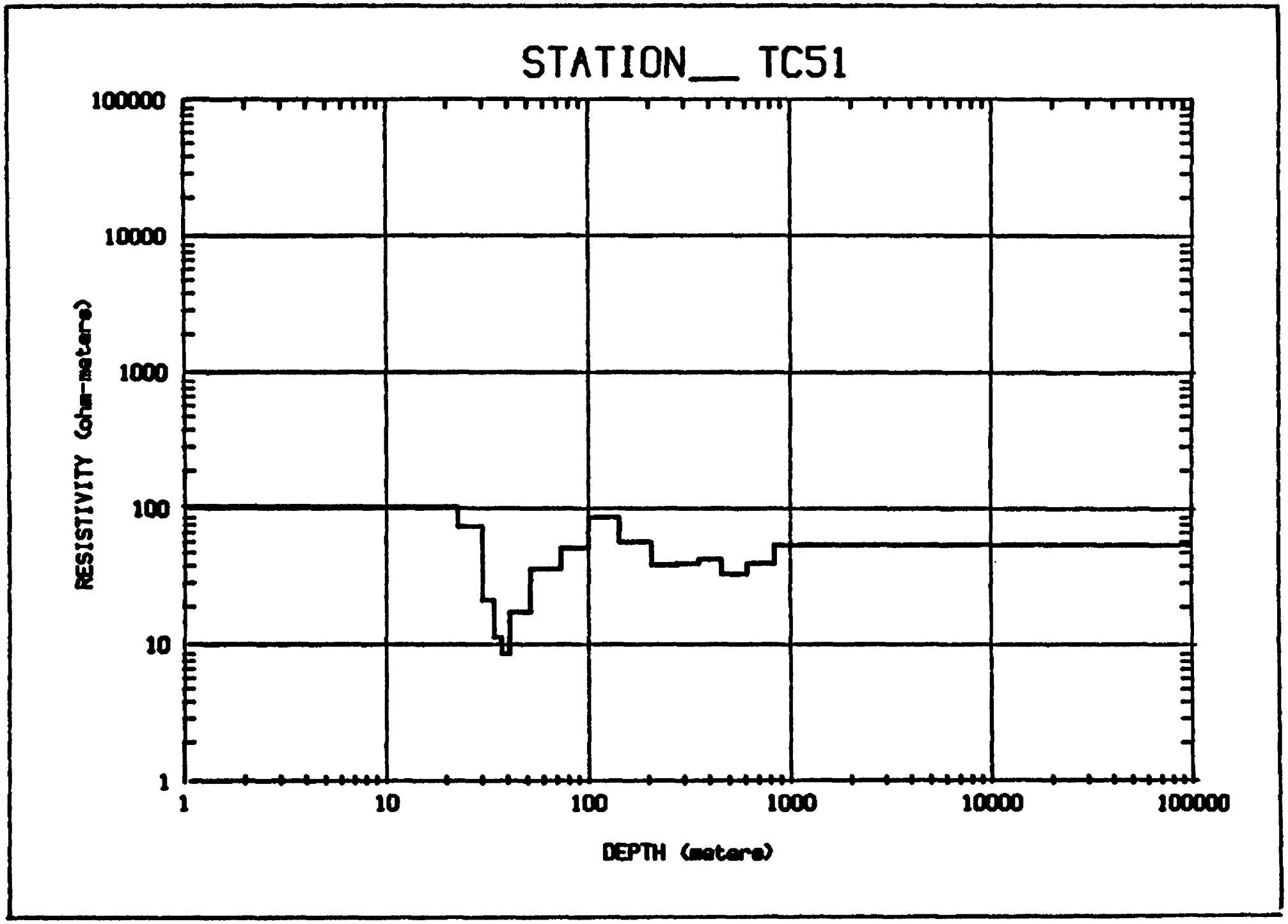
Station TC48 Quality: Excellent Jackson 7.5", T40N R116W SWSE S6
Station Location: Beside irrigation ditch 0.3 mi W of Flat Ck
Remarks: NS above EW for most freqs.



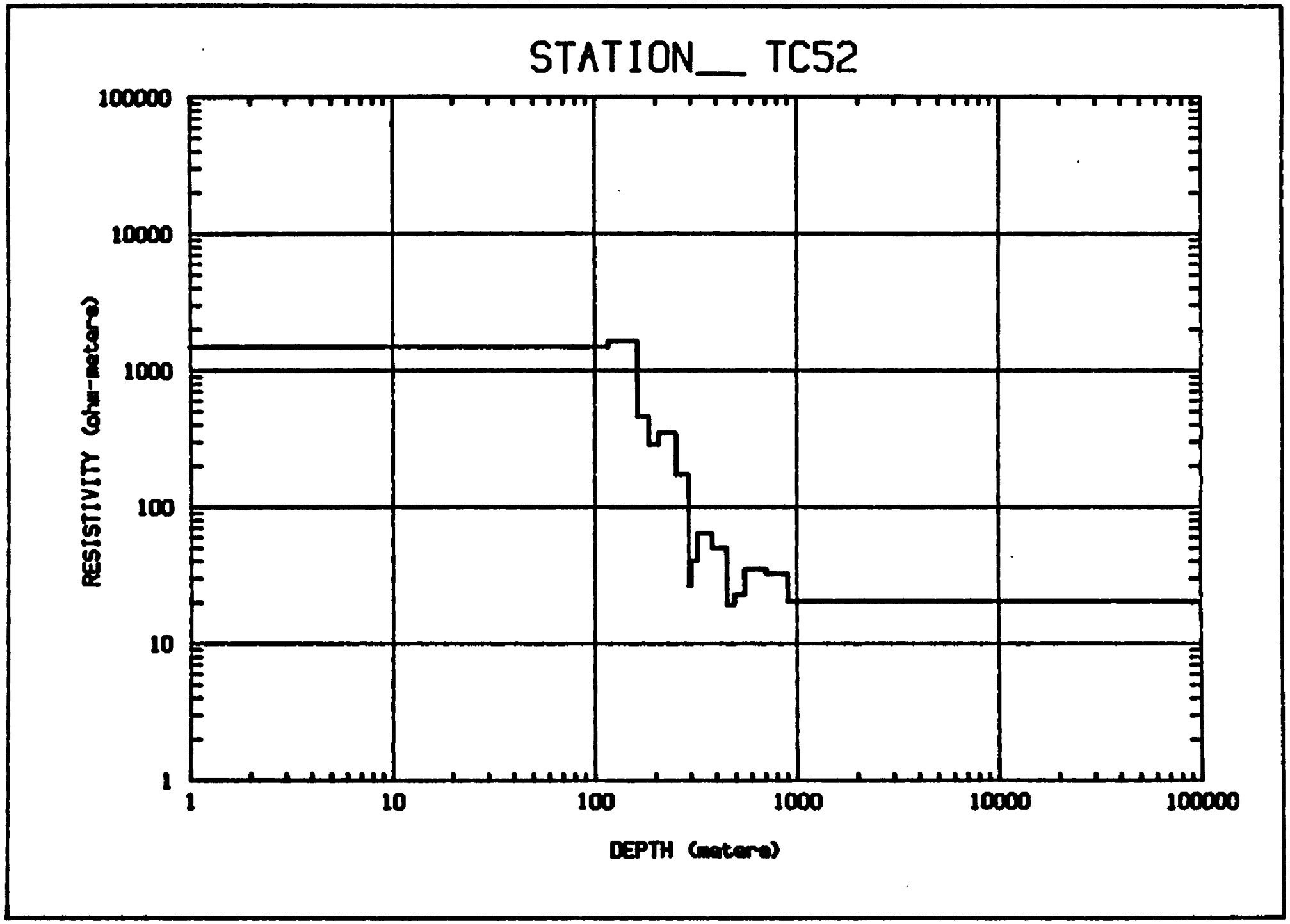
Station TC49 Quality: Good Jackson 7.5", T40N R116W NESW S7
Station Location: 0.4 mi W of Flat Ck
Remarks: Big split between NS-EW modes; NS higher. No mapped structure here, though.



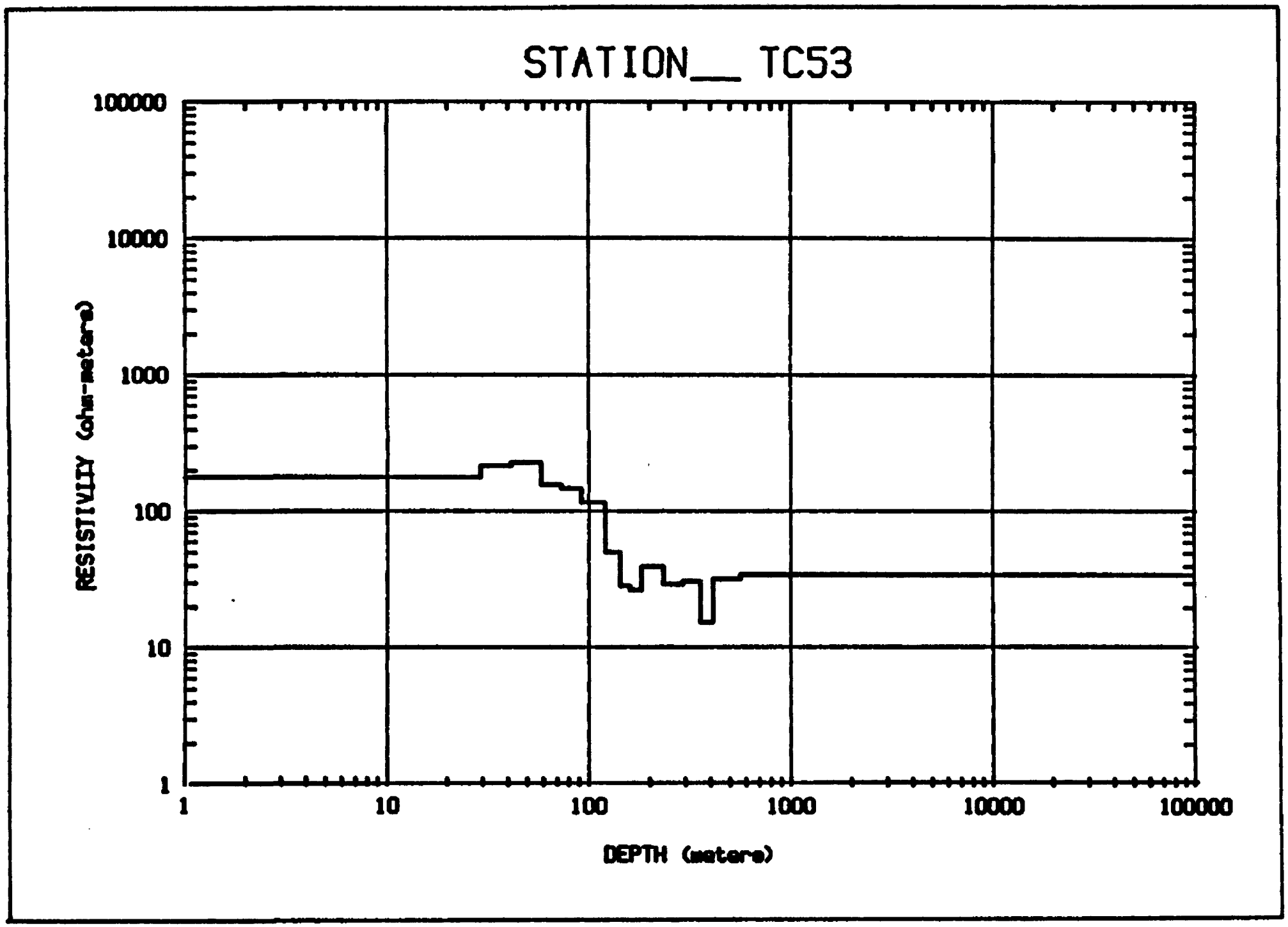
Station TC50 Quality: Fair Teton Village 7.5", T41N R116W WCNW S27
Station Location: Gravel road leading to ranch on Snake R.
Remarks:



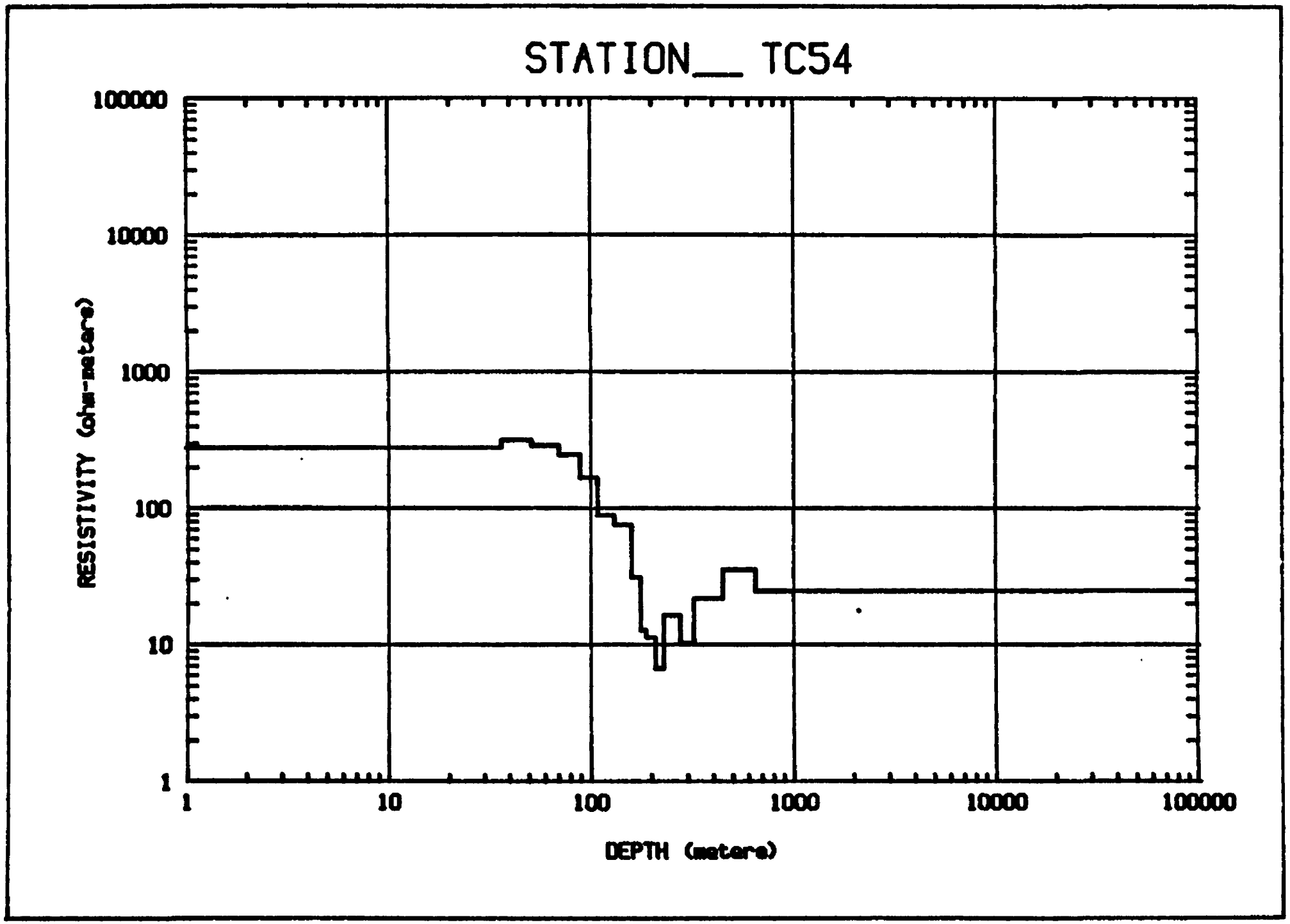
Station TC51 Quality: Excellent Teton Village 7.5", T41N R116W C S27
Station Location: Gravel road leading to ranch
Remarks: No clear separation; a hint that NS slightly lower than EW.



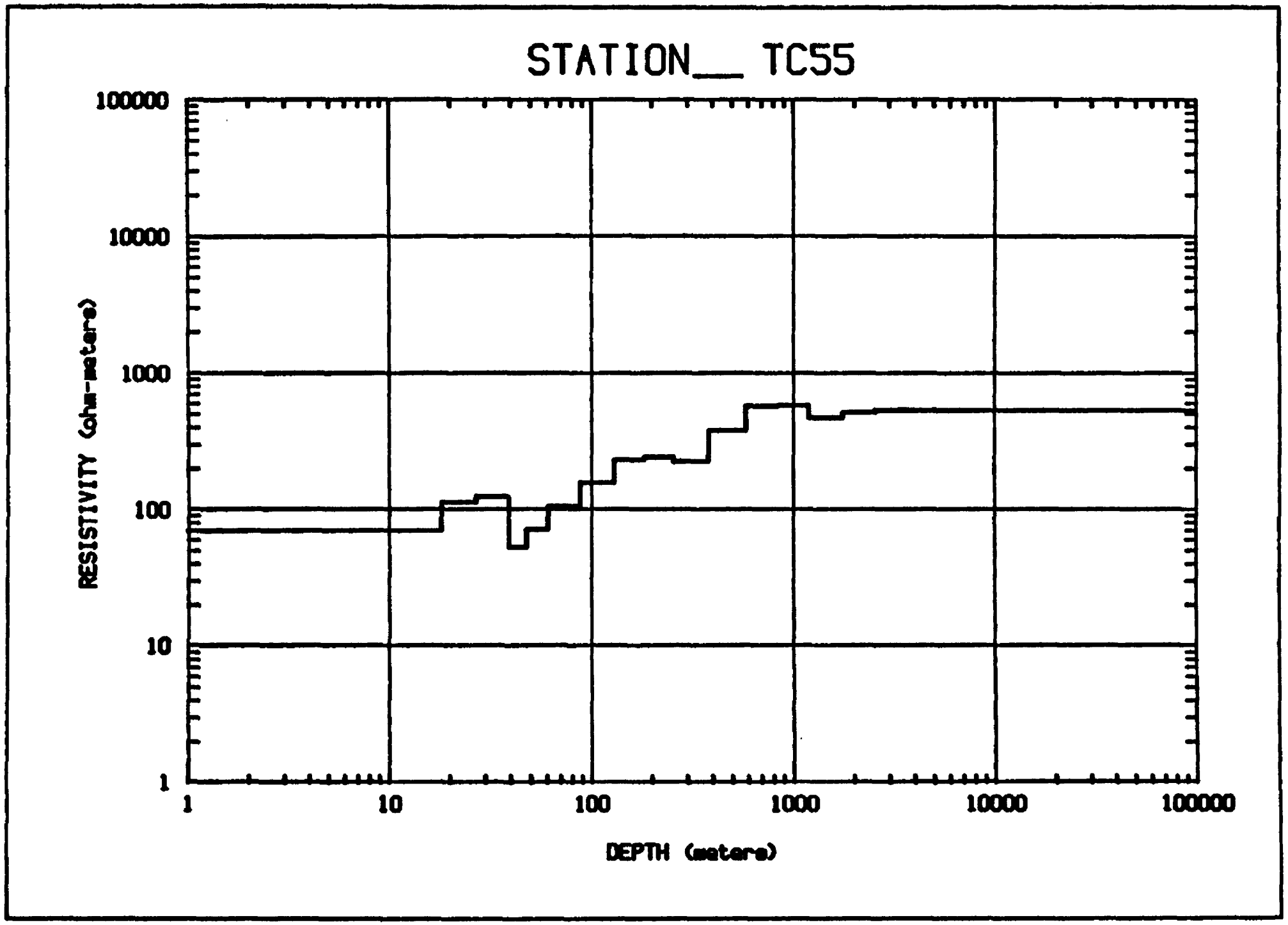
Station TC52 Quality: Poor Jackson 7.5", T40N R117W SWSE S3
Station Location: In the Y, N of where Fish Ck joins Snake River
Remarks: NS below EW? Many missed freqs.



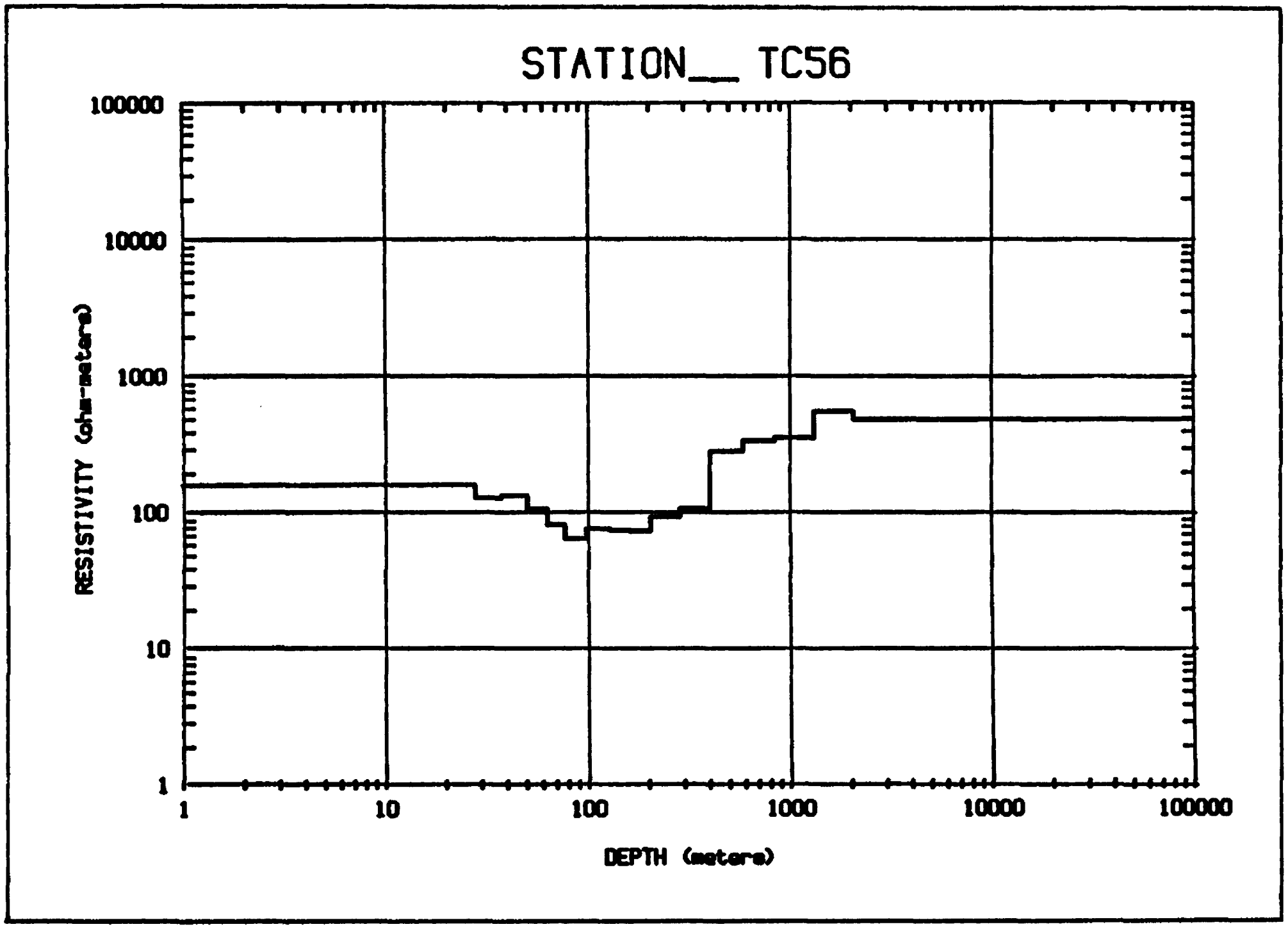
Station TC53 Quality: Excellent Jackson 7.5", T40N R117W NESE S3
Station Location: West side of Snake River, 0.3 mi N of TC52
Remarks: No clear separation; a hint that NS may be slightly above EW.



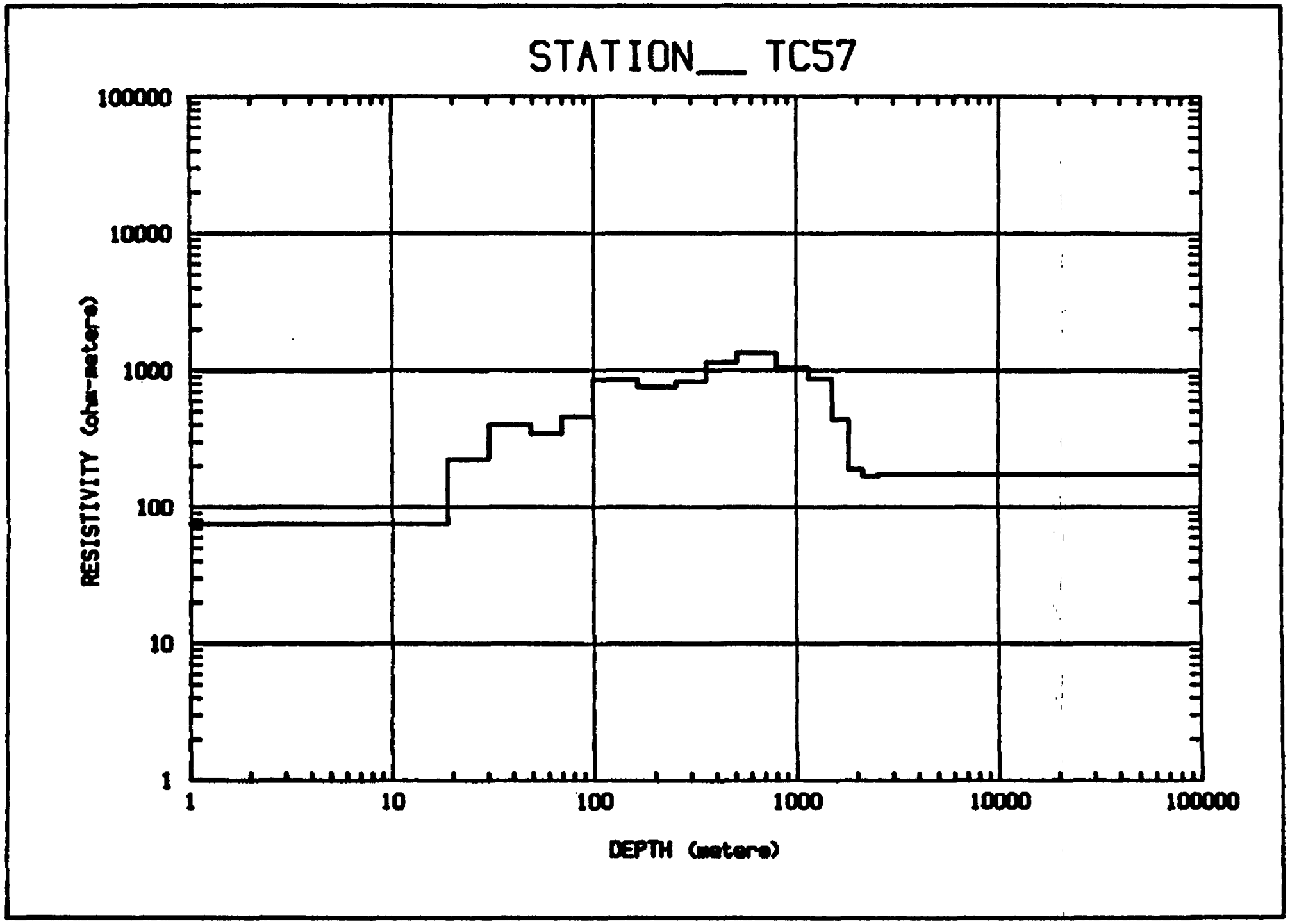
Station TC54 Quality: Excellent Jackson 7.5", T40N R117W NENE S3
Station Location: West Side of Snake River, 0.4 mi N of TC53
Remarks: NS above EW for most freqs.



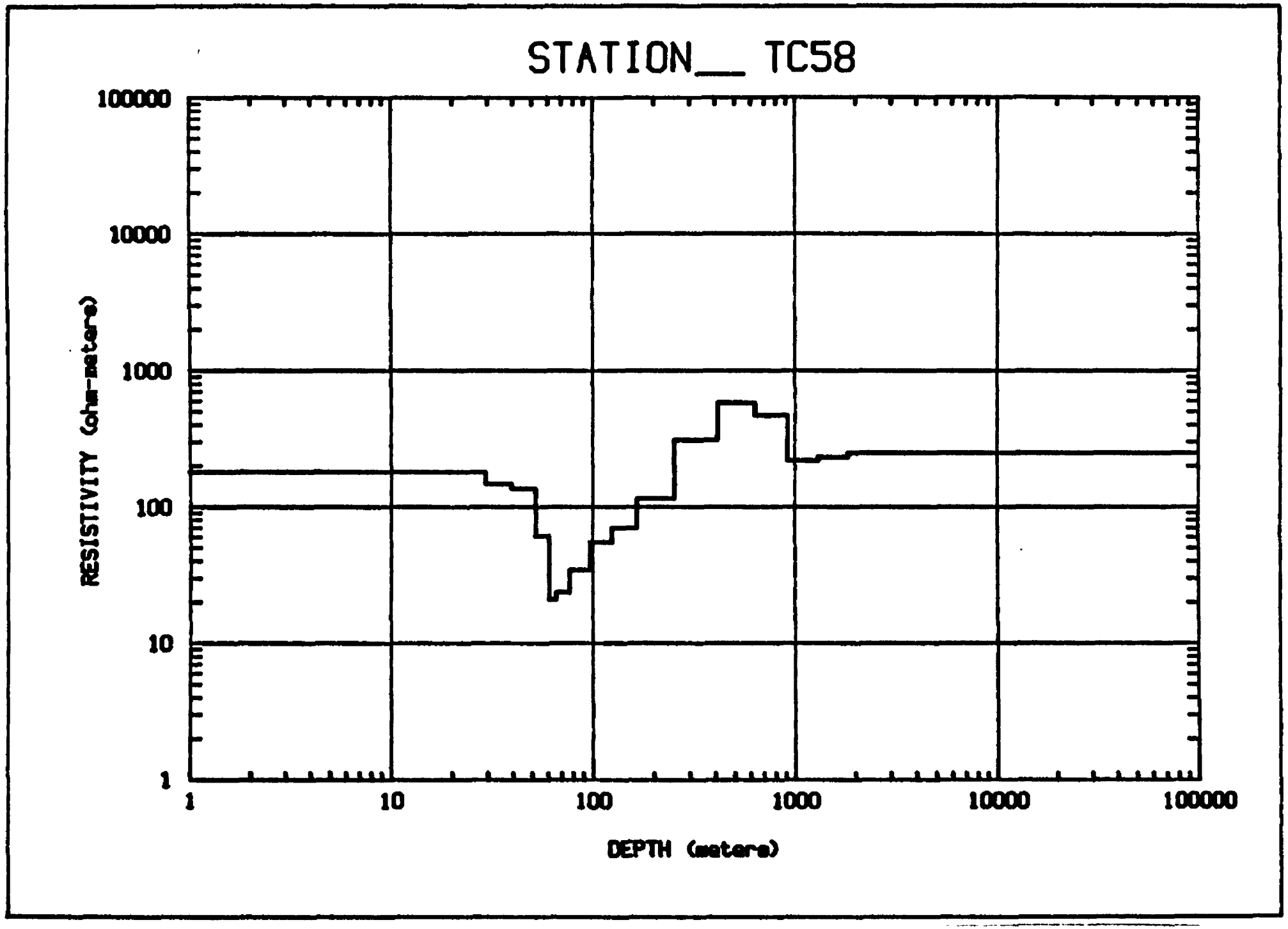
Station TC55 Quality: Excellent Teton Village 7.5", T41N R116W SCSW S4
Station Location: On flat between irrigation ditch and N end of West Gros Ventre Butte
Remarks: For deepest-seeing freqs, NS lower than EW.



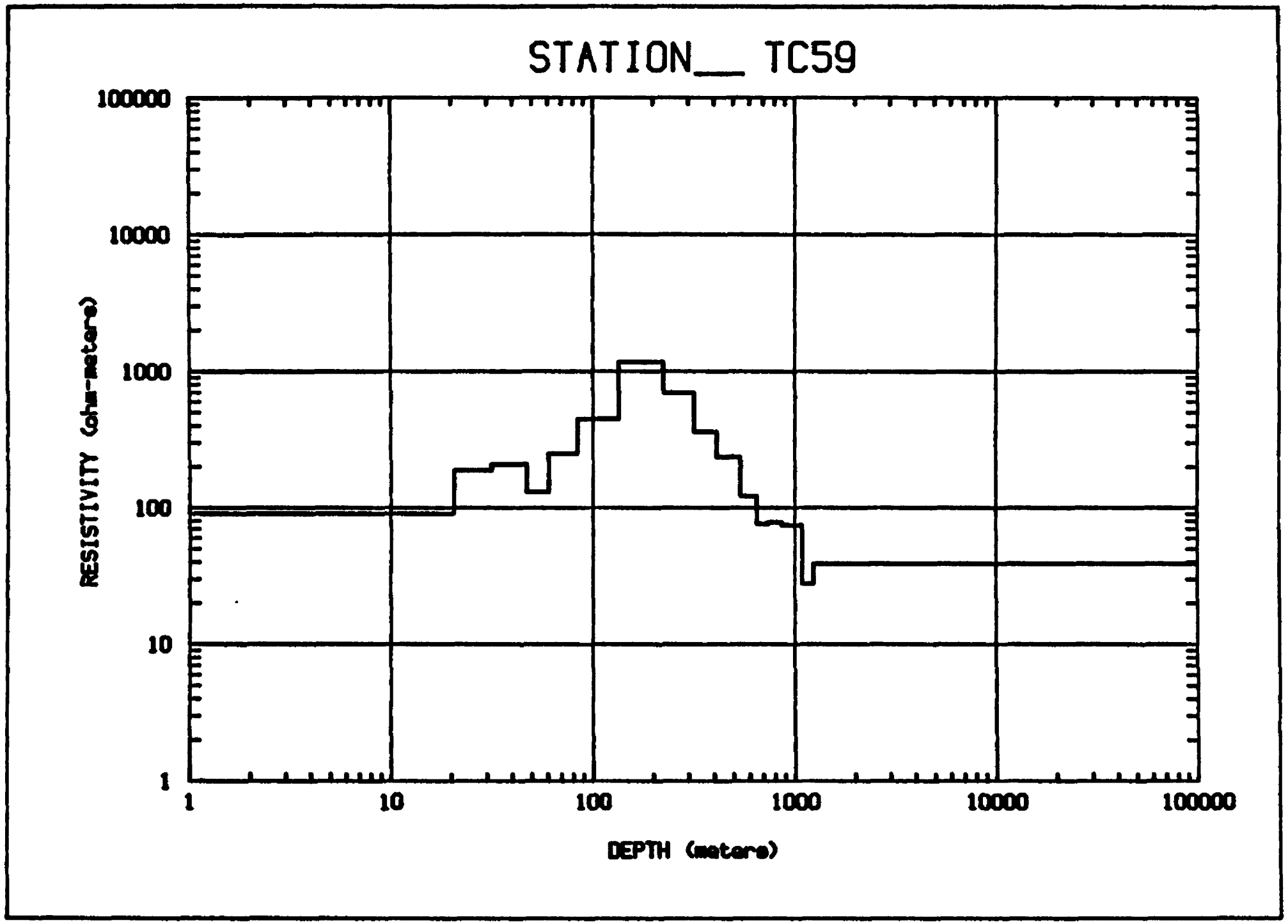
Station TC56 Quality: Excellent Teton Village 7.5", T41N R116W SWNW S4
Station Location: On flat just S of stream, NW of N end West Gros Ventre Butte
Remarks: NS above EW for most freqs.



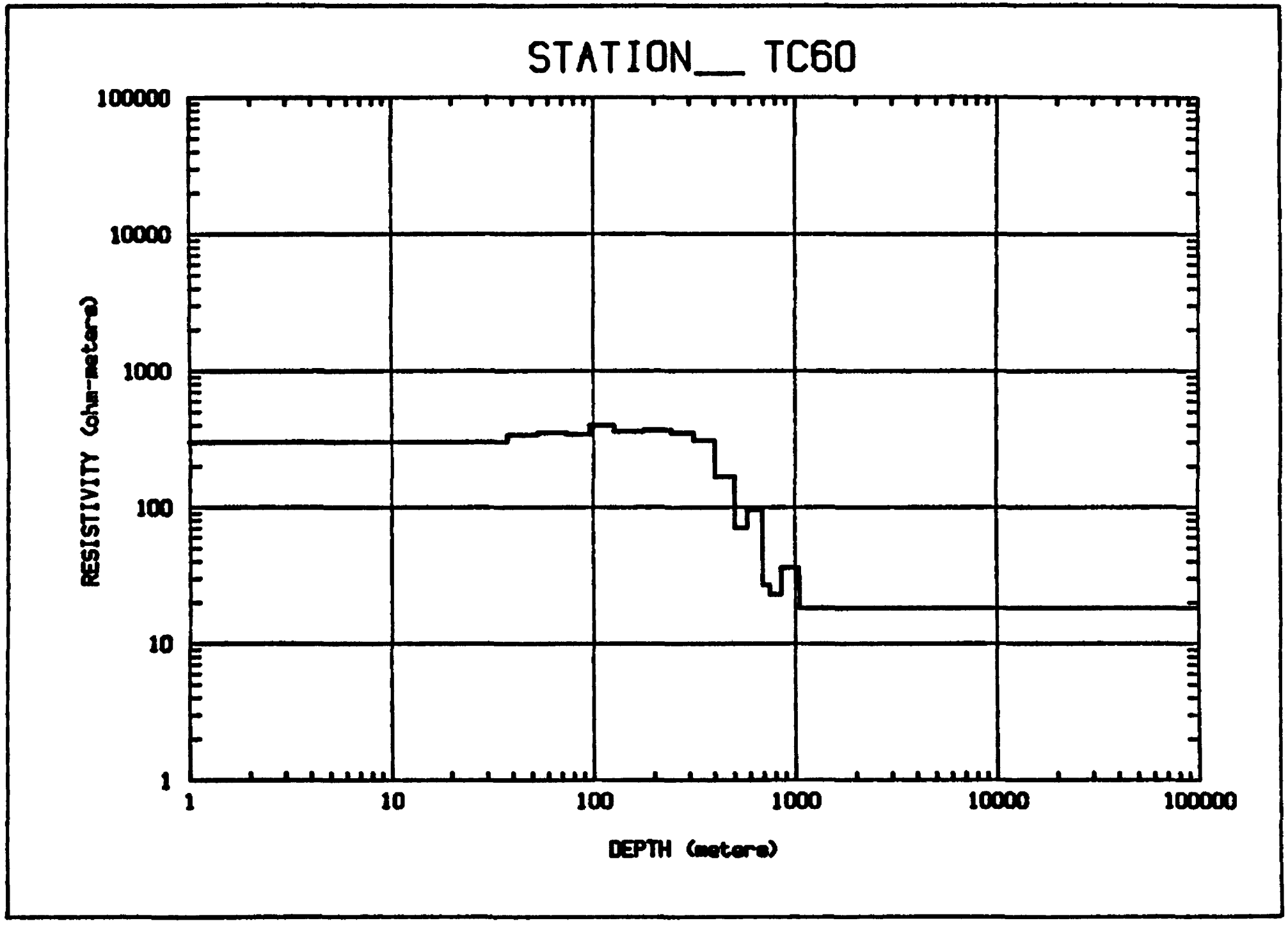
Station TC57 Quality: Good Teton Village 7.5", T41N R116W SESE S4
Station Location: Flat between tributary to Spring Gulch and irrigation ditch
Remarks: NS slightly below EW for shallow section, but maybe higher for very deepest.



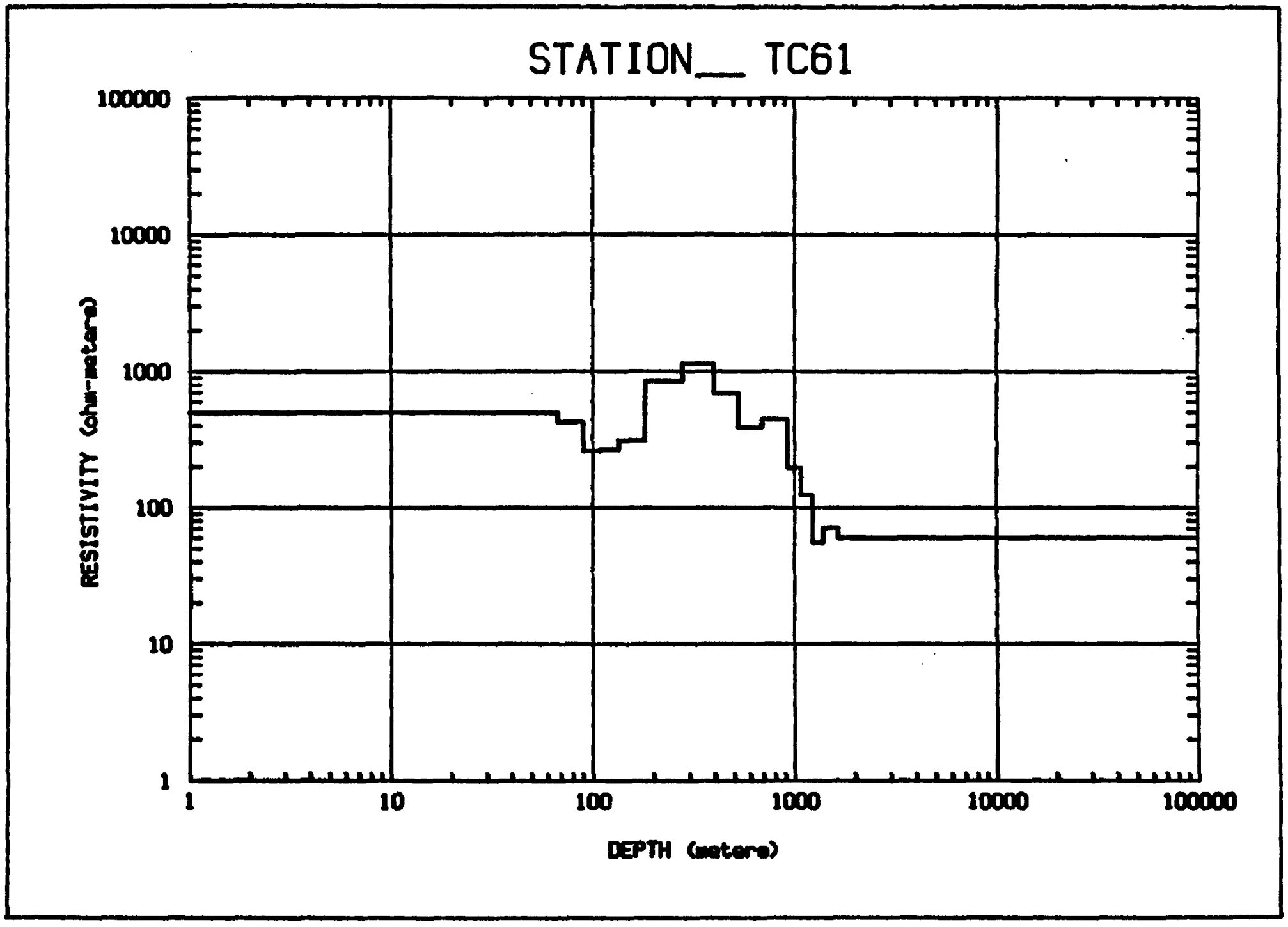
Station TC58 Quality: Good Teton Village 7.5", T41N R116W SCNE S4
Station Location: S of Gros Ventre R; on flat 0.1 mi E of irrigation ditch.
Remarks: Strong separation -- NS above EW. Structure??



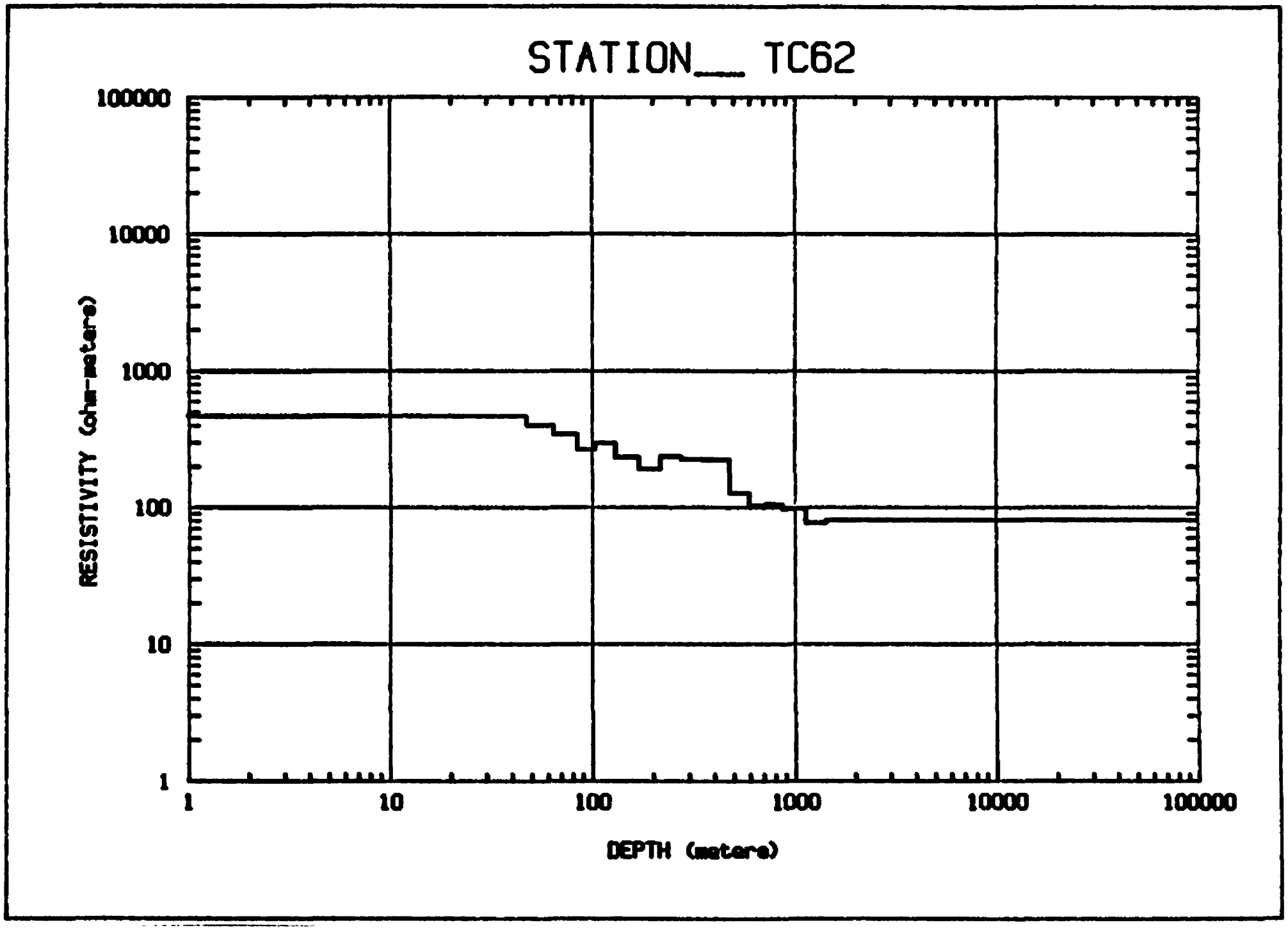
Station TC59 Quality: Good Teton Village 7.5", T42N R116W E S17/20
Station Location: End of gravel road to levee on W bank Snake R
Remarks: No systematic separation.



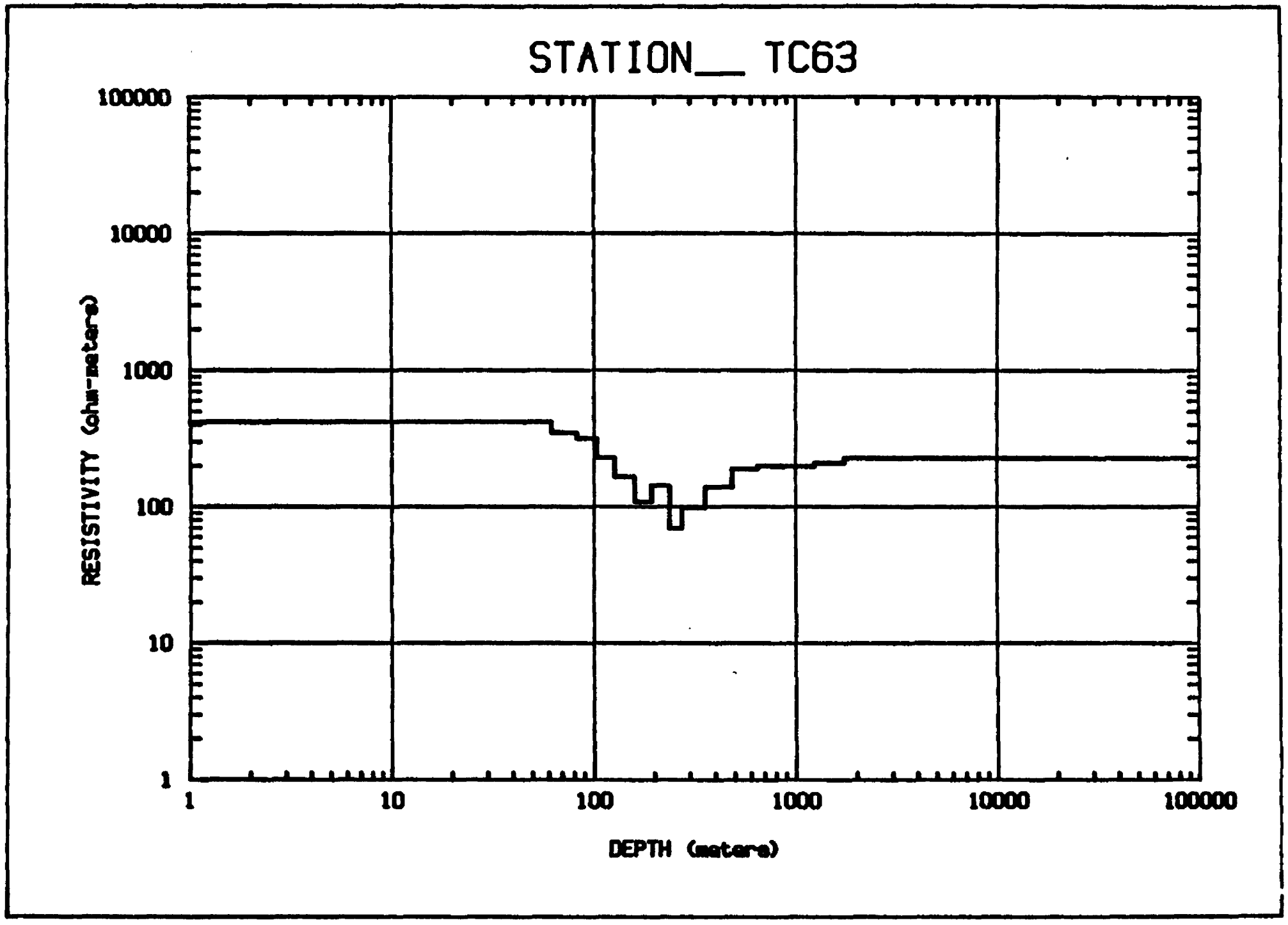
Station TC60 Quality: Good Teton Village 7.5", T42N R116W CWSE S20
Station Location: W bank Snake R, on gravels
Remarks: No clear separation.



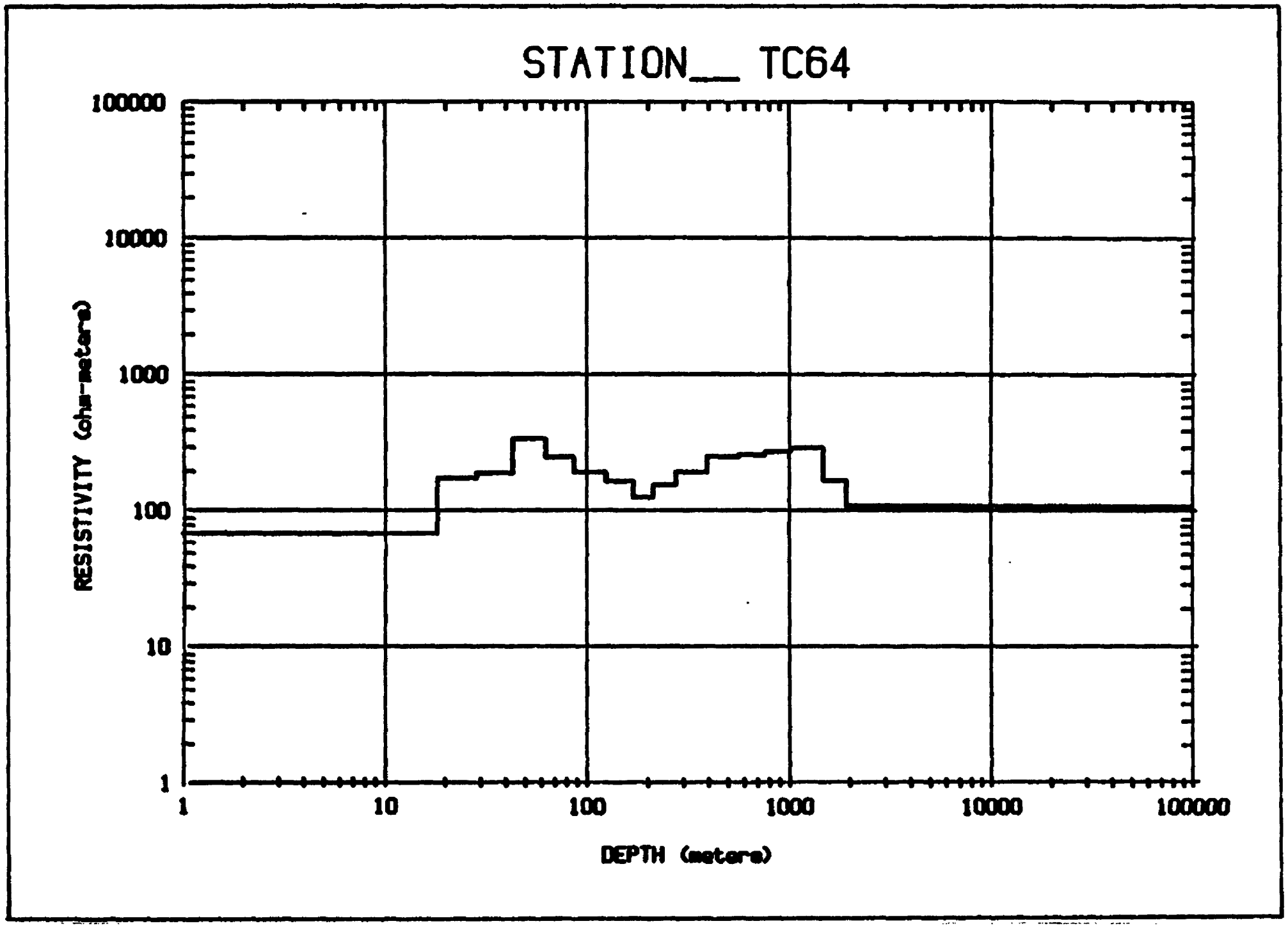
Station TC61 Quality: Good Teton Village 7.5", T42N R116W CENW S29
Station Location: W bank Snake R, on gravels
Remarks: NS above EW for many freqs.



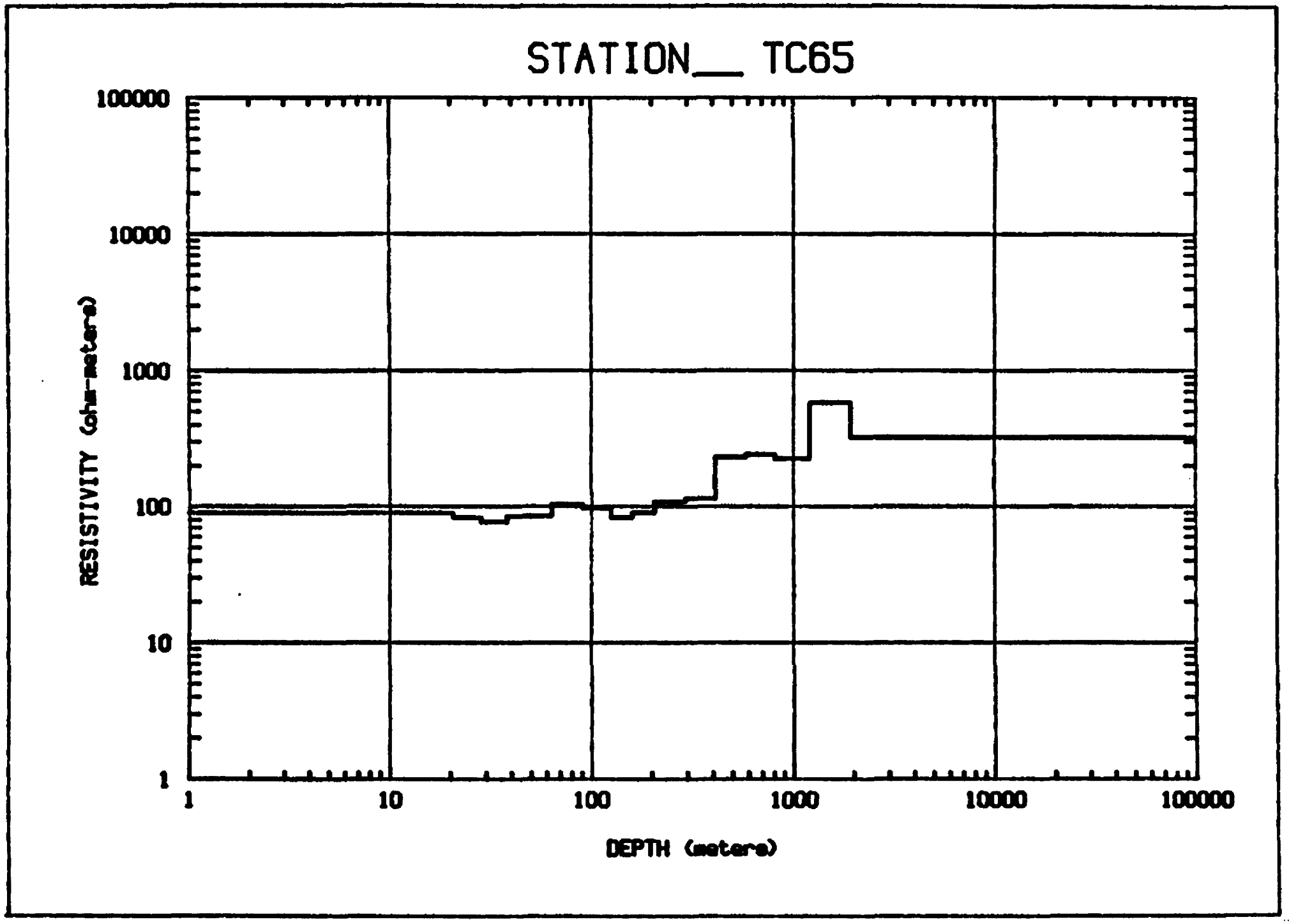
Station TC62 Quality: Excellent Teton Village 7.5", T42N R116W SE S31
Station Location: W bank Snake R, on gravels
Remarks: NS mode systematically lower than EW.



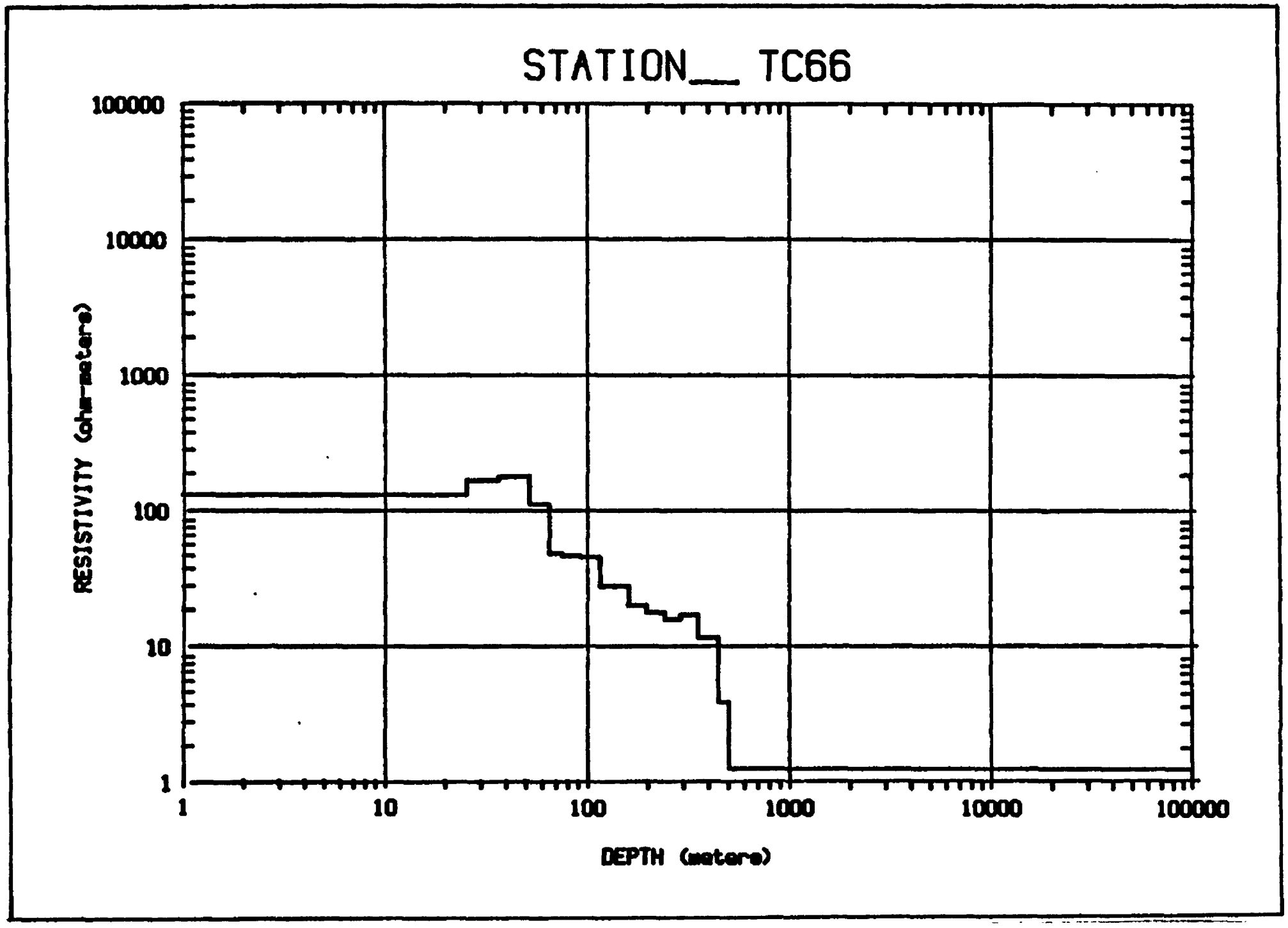
Station TC63 Quality: Excellent Teton Village 7.5", T41N R116W SCNE S6
Station Location: W bank Snake R, on gravels
Remarks: No separation.



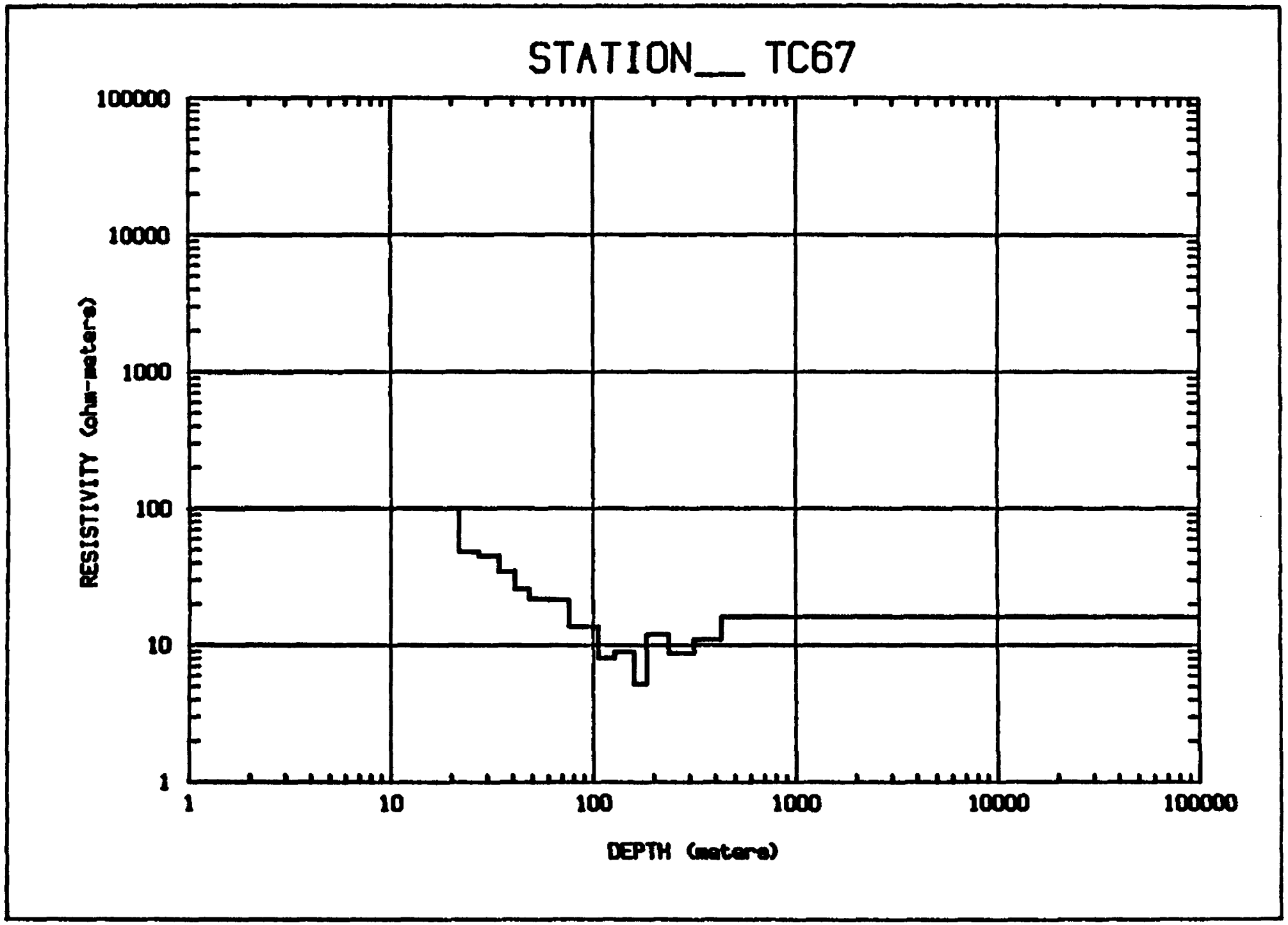
Station TC64 Quality: Good Teton Village 7.5", T41N R116W SCedge S6
Station Location: W bank Snake R, on gravels
Remarks: NS higher than EW shallow; no separation deep.



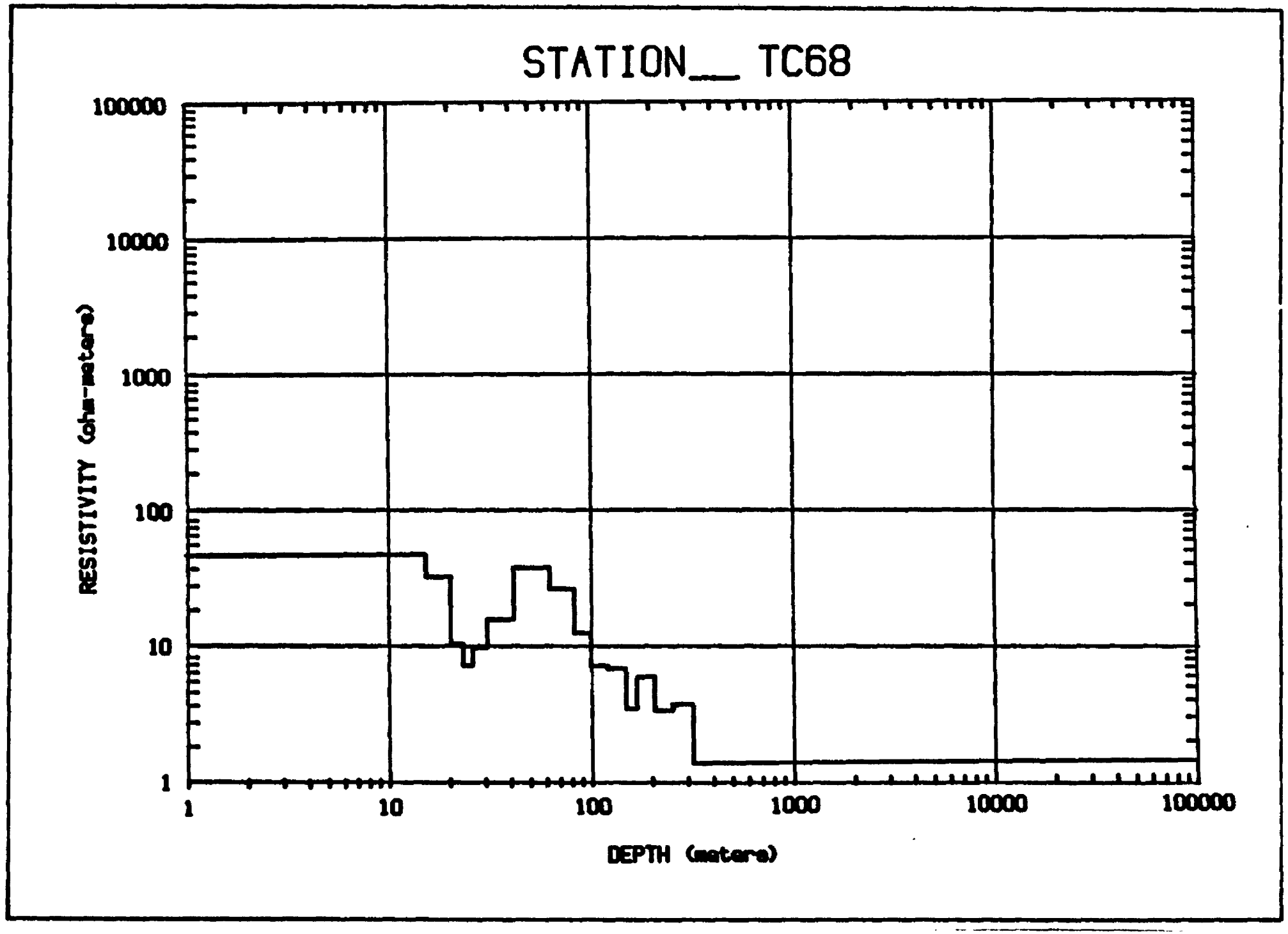
Station TC65 Quality: Poor Teton Village 7.5", T41N R117W CESE S12
Station Location: West bank Snake R, on gravels
Remarks: No clear separation.



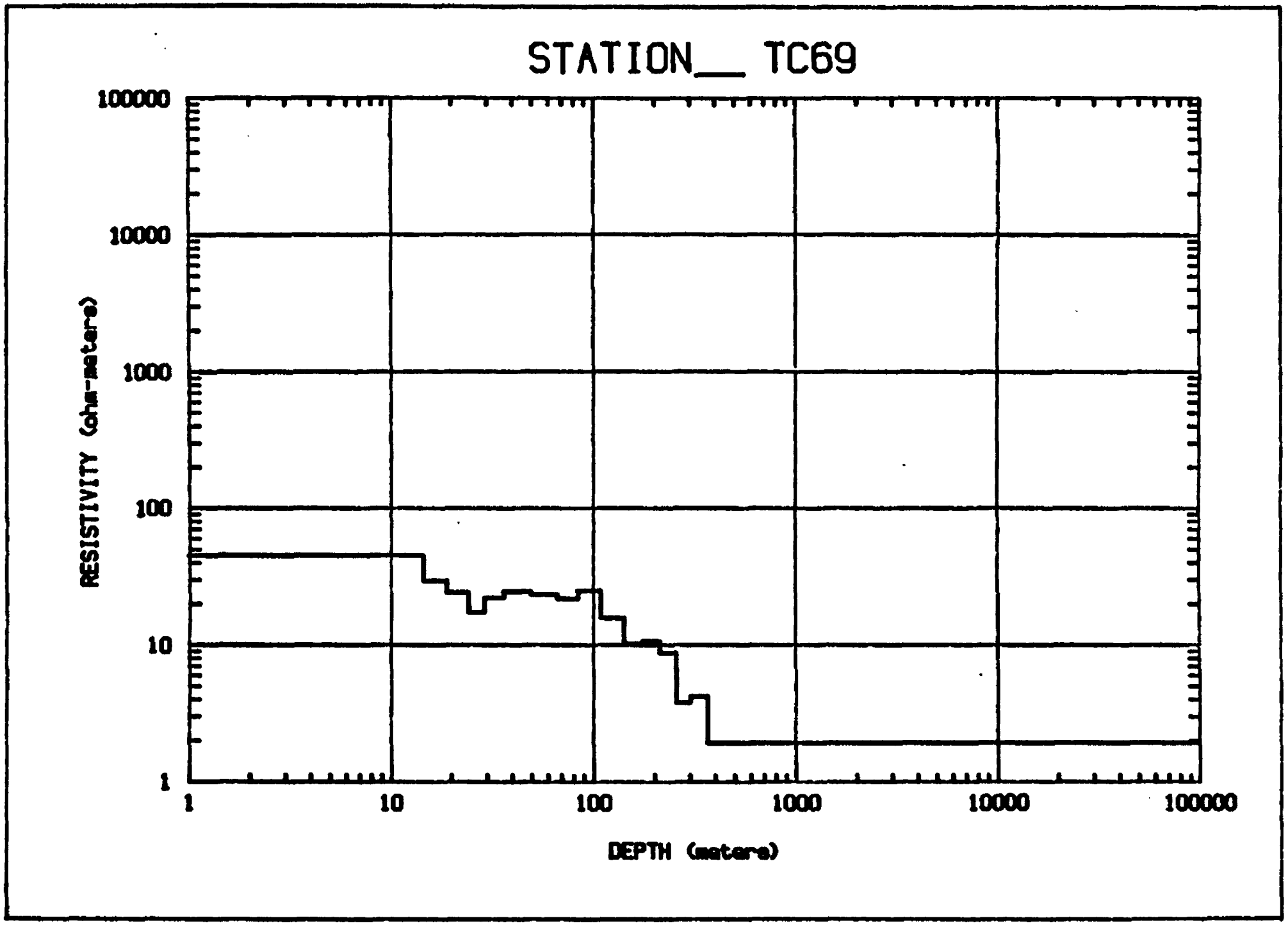
Station TC66 Quality: Fair Jackson 7.5", T40N R117W NESW S14
Station Location: W bank Snake R, on gravels
Remarks: Wide separation, NS below EW. Structure??



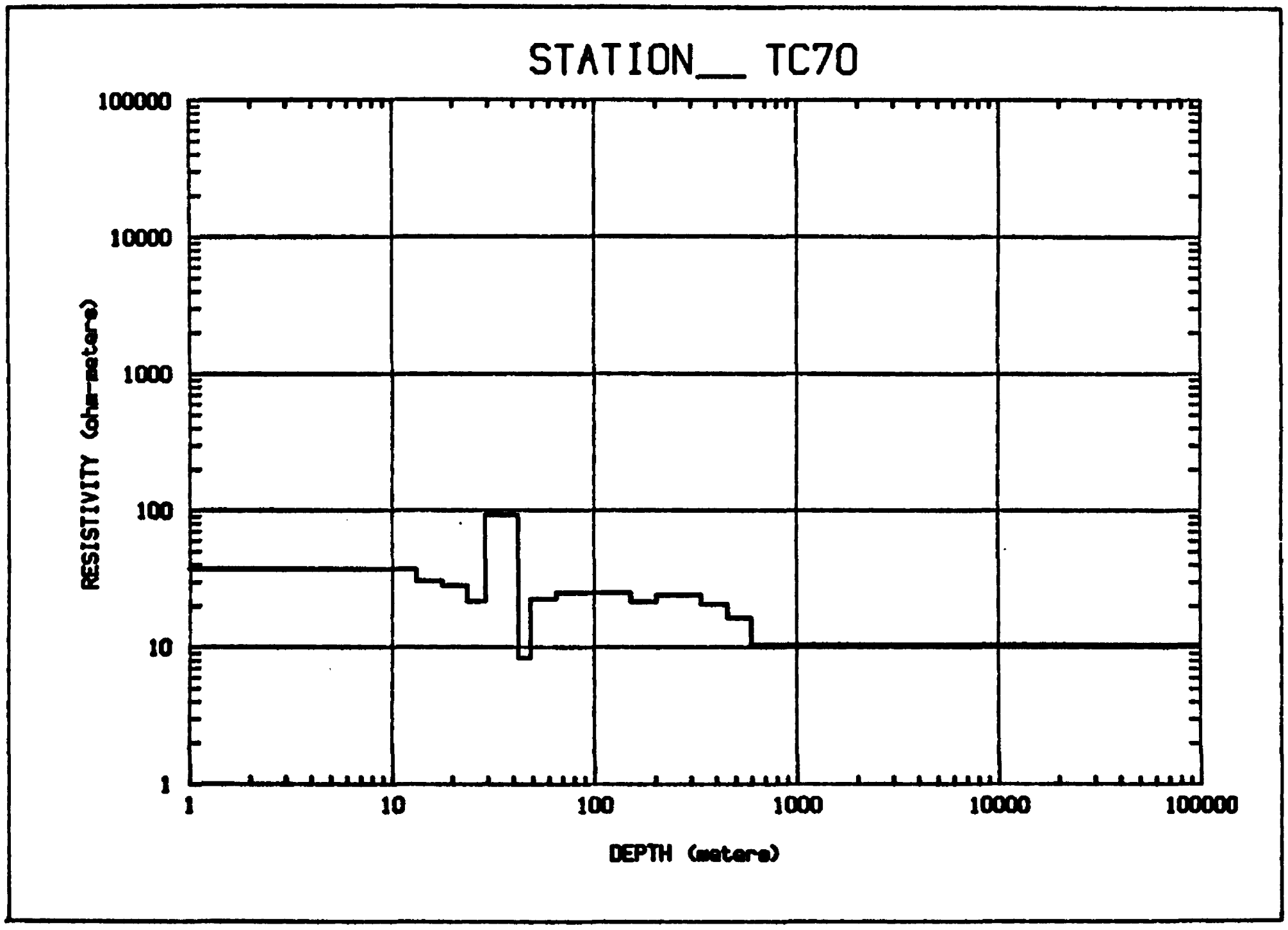
Station TC67 Quality: Good Jackson 7.5", T40N R117W NCNE S23
Station Location: W bank Snake R, gravels.
Remarks: Res gradually decreases w/depth, little separation.



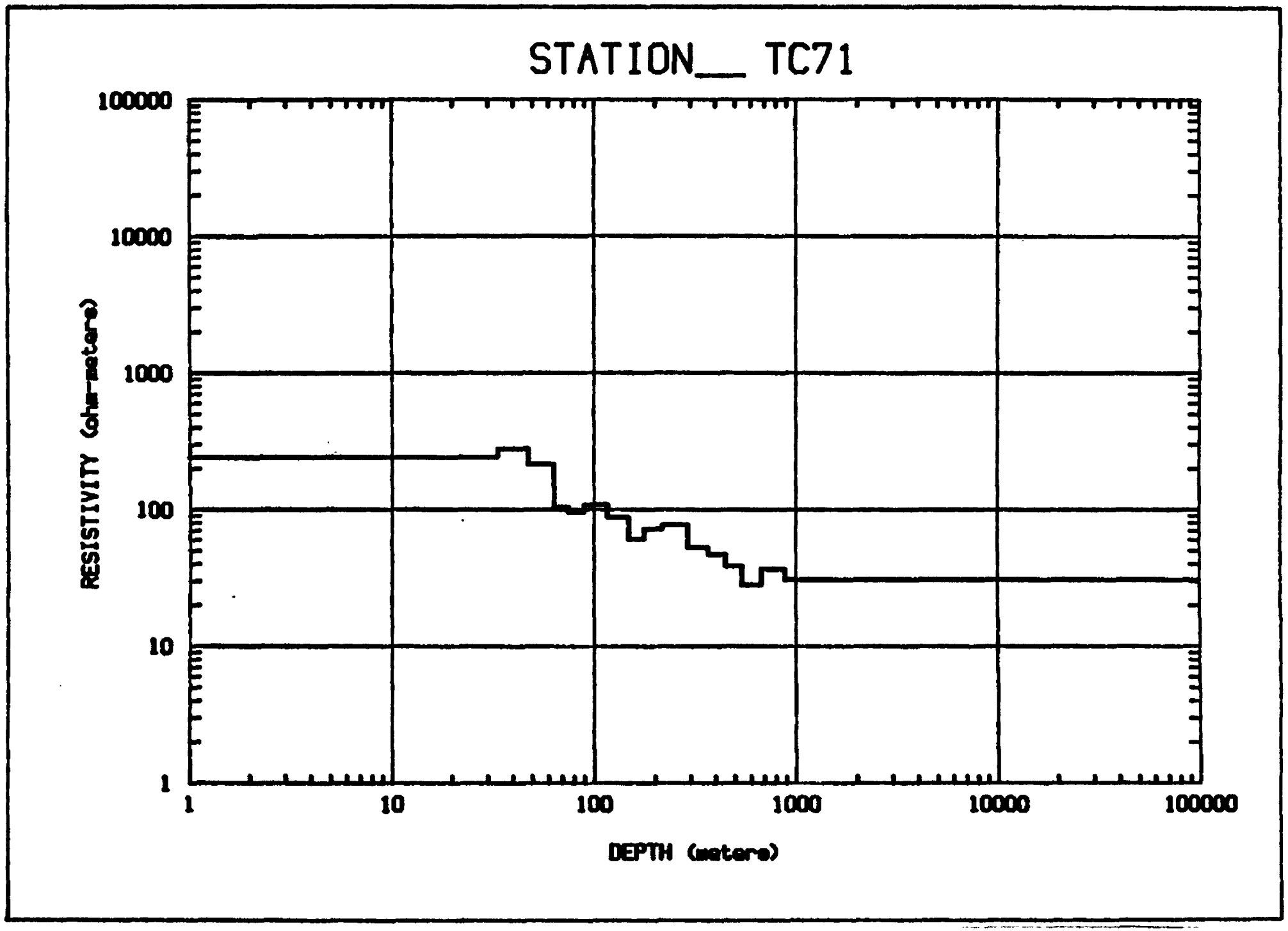
Station TC68 Quality: Excellent Jackson 7.5", T40N R117W SWNW S24
Station Location: W Bank Snake River, in gravels.
Remarks: Little separation.



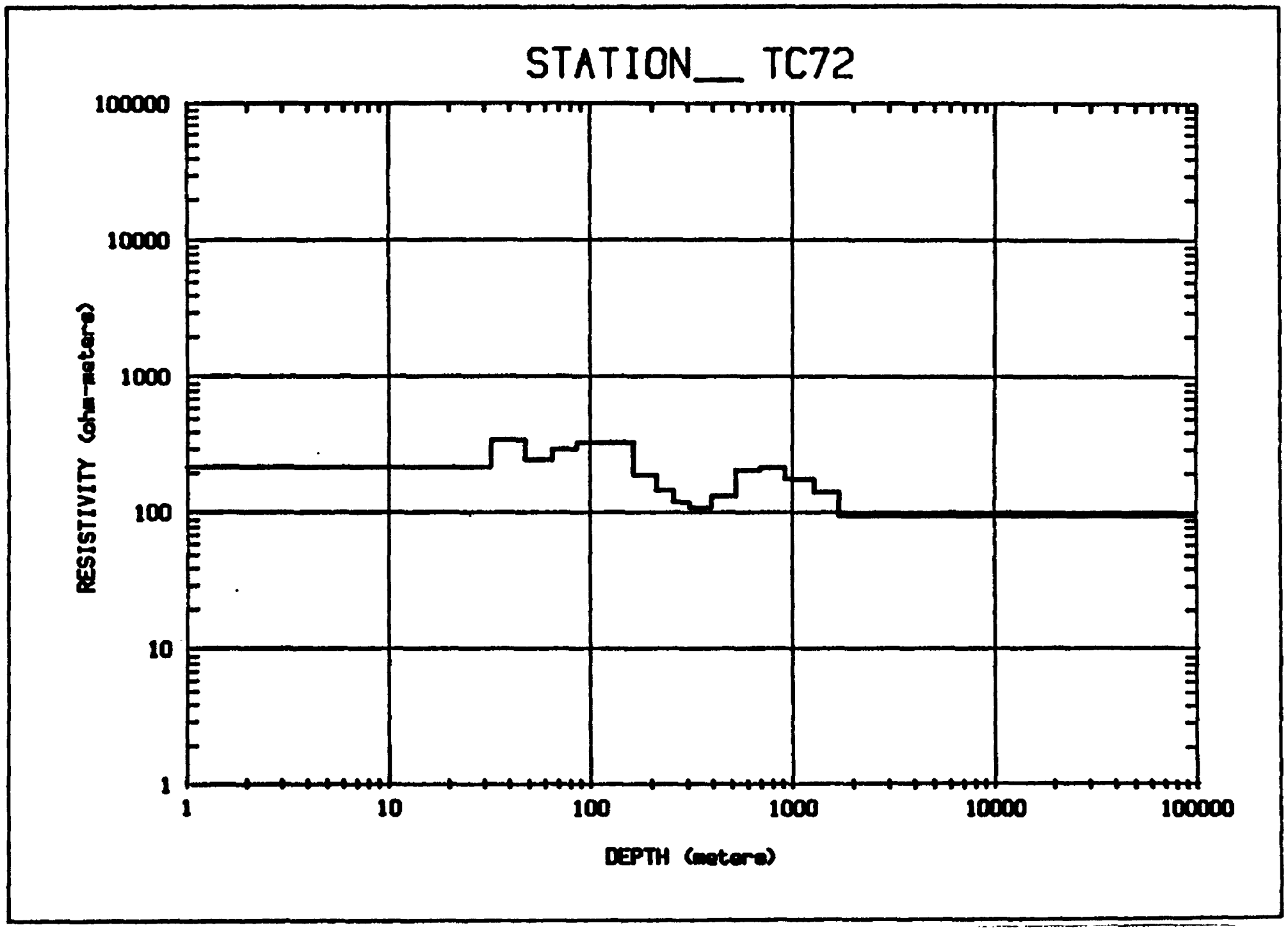
Station TC69 Quality: Good Jackson 7.5", T40N R117W NENW S25
Station Location: W bank Snake R, 0.1 mi E of paved road
Remarks: Little separation.



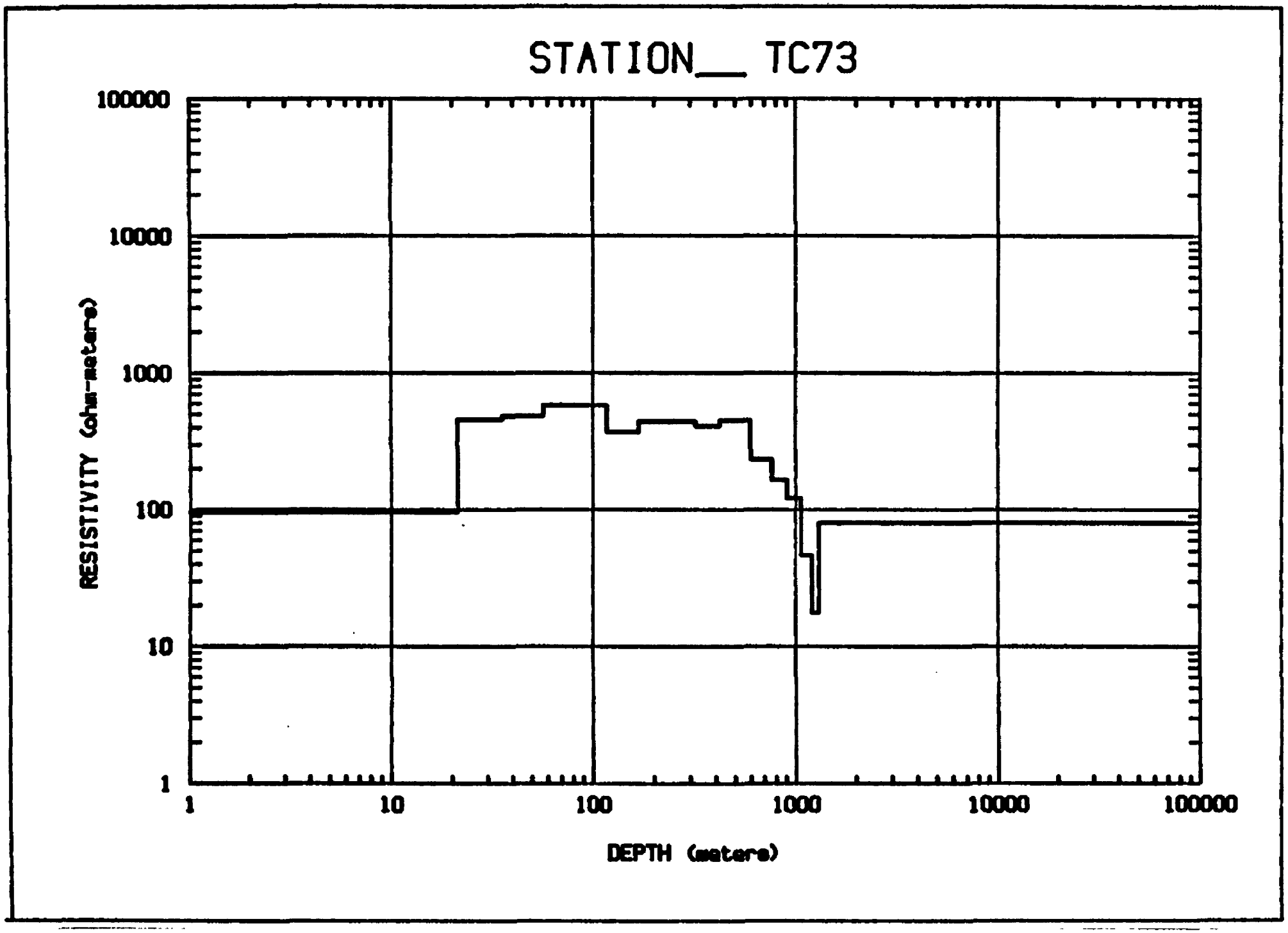
Station TC70 Quality: Good Jackson 7.5", T40N R117W CSE S25
Station Location: W bank Snake R, 0.4 mi E of mouth of Butler Ck canyon
Remarks: Separation not systematic with freq.



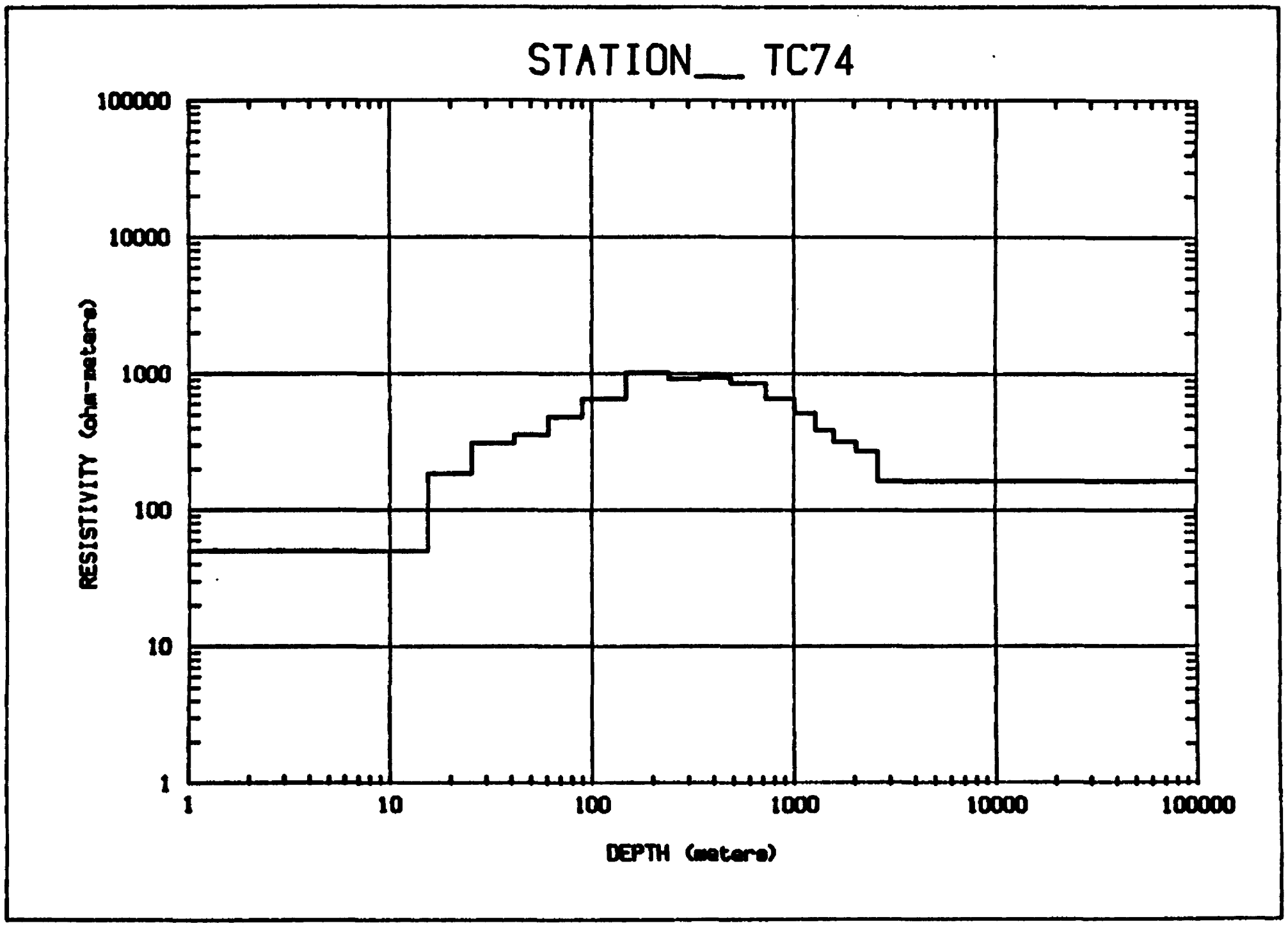
Station TC71 Quality: Good Teton N.P. 15", T42N R116W NWSE S12
Station Location: Near TDEM Site TCW07 N of Airport E of highway
Remarks: NS below EW for deeper layers.



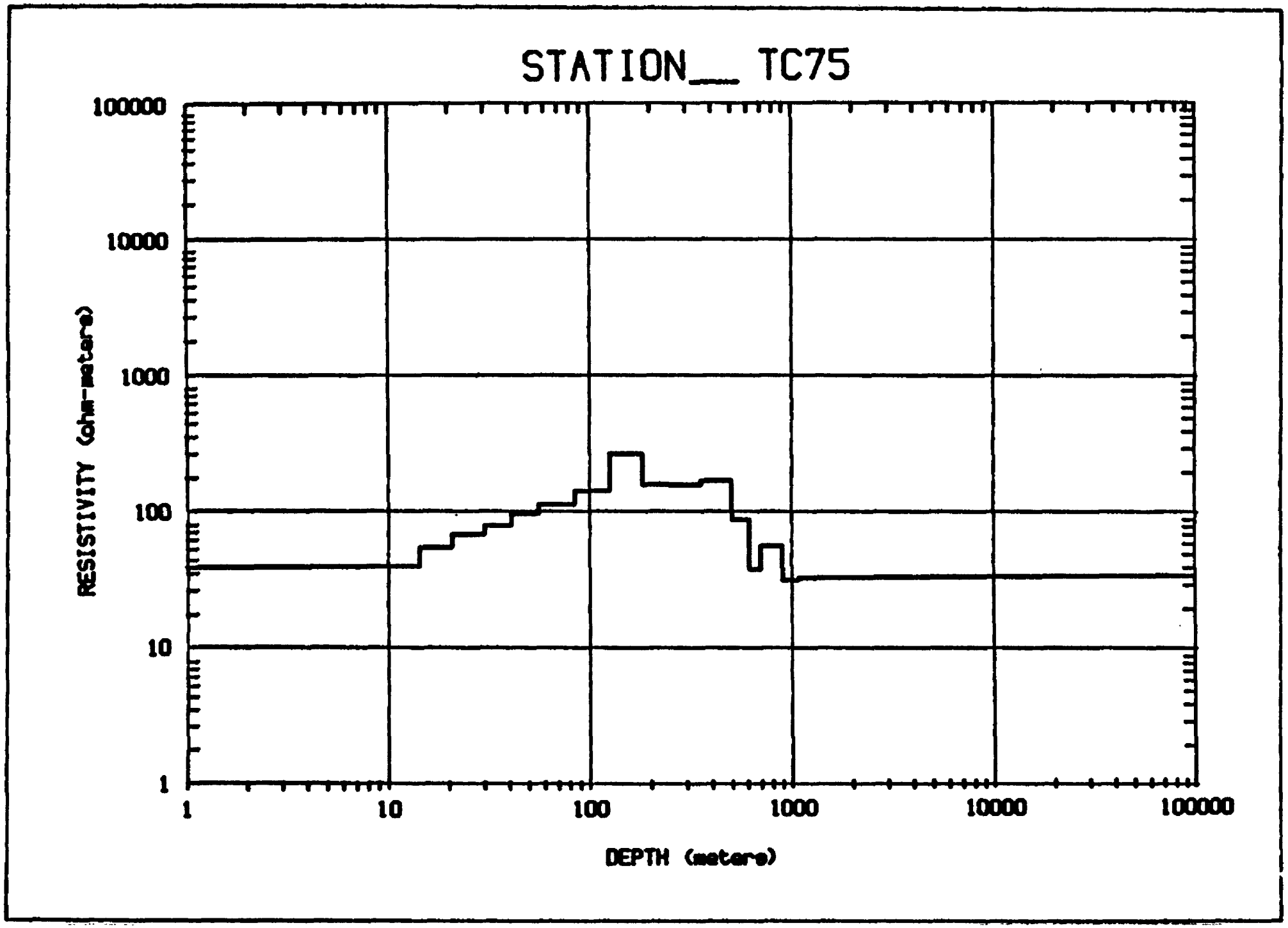
Station TC72 Quality: Good Teton N.P. 15", T43N R116W SESW S12
Station Location: Near TDEM Site TCW03 on Nat'l Park, Baseline Flats
Remarks: NS below EW for shallow larers.



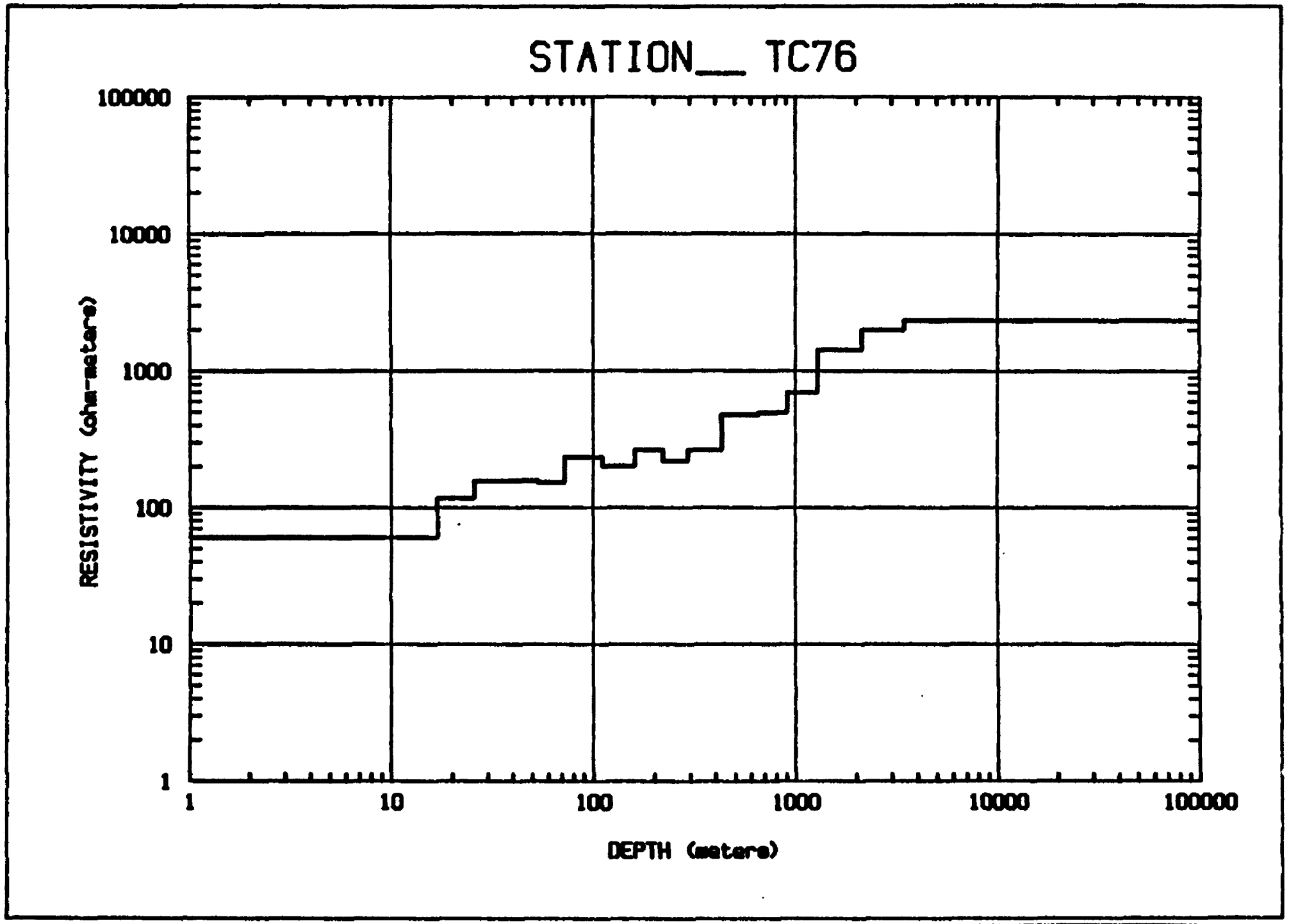
Station TC73 Quality: Good Teton N.P. 15", T44N R115W SENW S2
Station Location: Near TDEM Site TCW06 In Nat'l Park, Pothole area
Remarks: No clear separation.



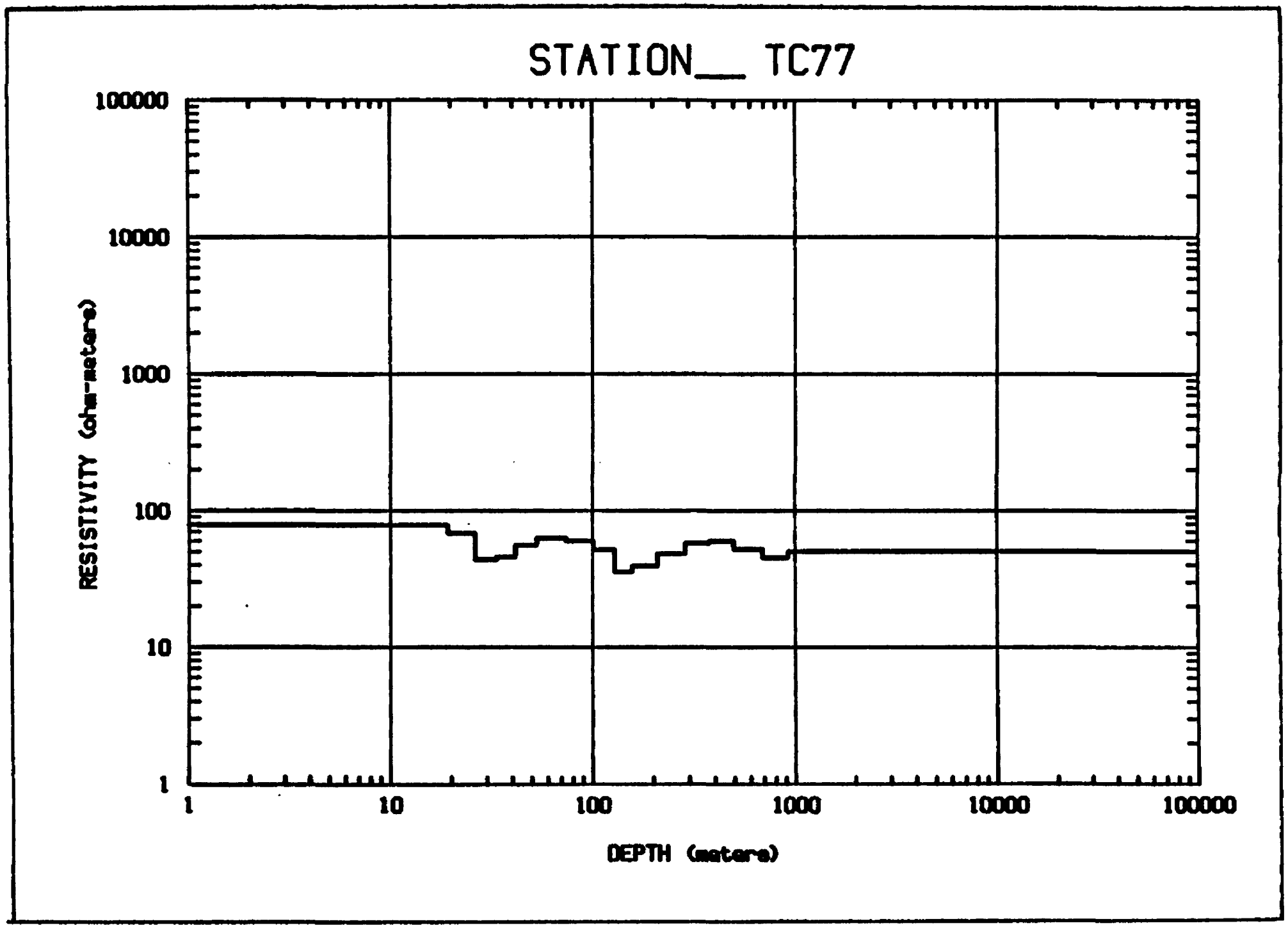
Station TC74 Quality: Good Teton N.P. 15", T44N R114W NESW S8
Station Location: Near TDEM Site TCW04; Moosehead Ranch road, by Nat'l Pk. Rd.
Remarks: NS above EW for most freqs.



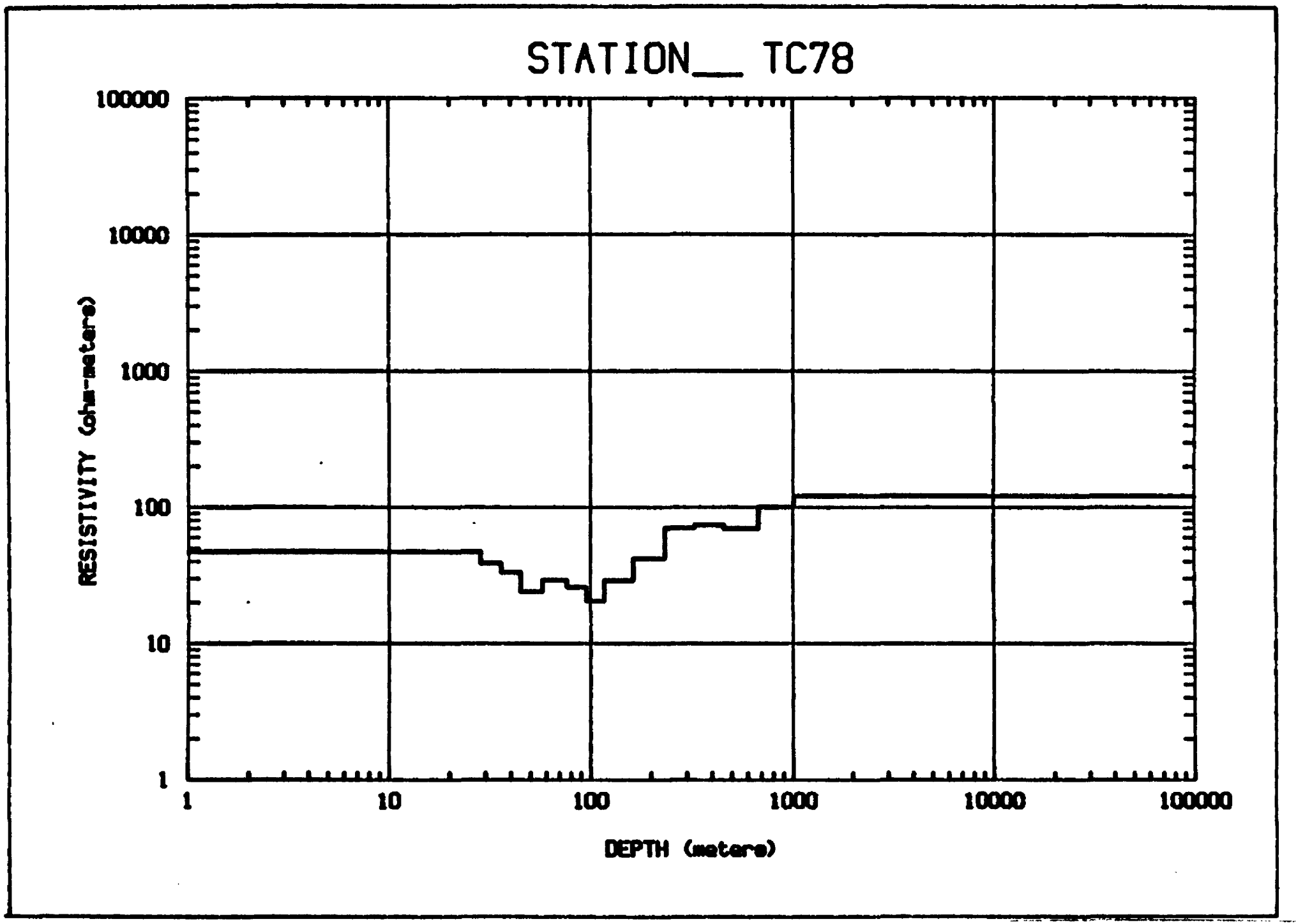
Station TC75 Quality: Fair T40N R116W NWNE S34
Station Location: 2.4 mi S of TC76, 0.5 mi E of E edge of Jackson 7.5" map; Jct. U.S. 189 and WY Fish and Game road, outside gate.
Remarks: No clear separation.



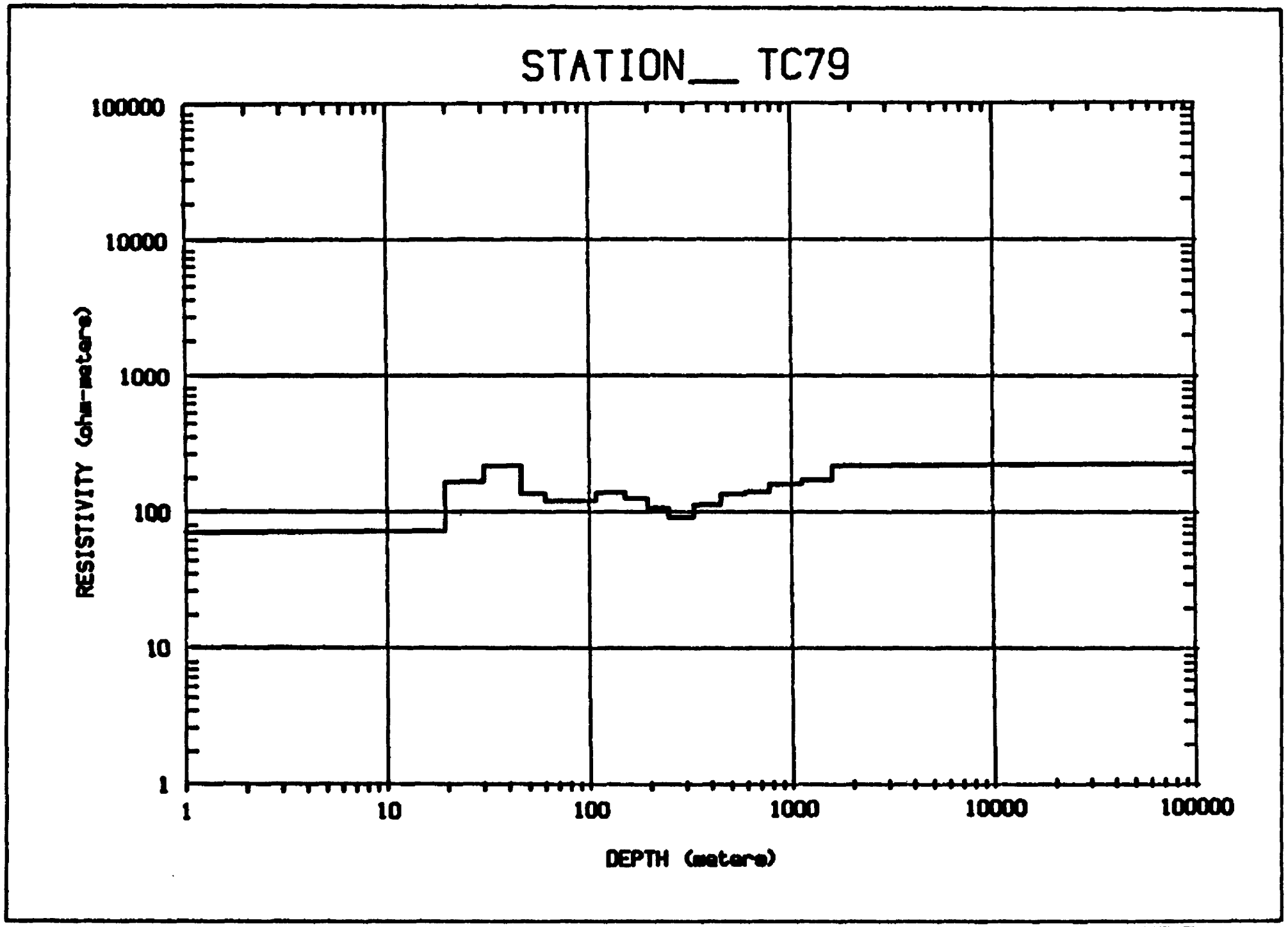
Station TC76 Quality: Poor Jackson 7.5", T41N R116W SWNE S21
Station Location: E of US189 opposite paved road to W; NE of Melody Landing Strip
Remarks: Many dropped freqs, no clear separation.



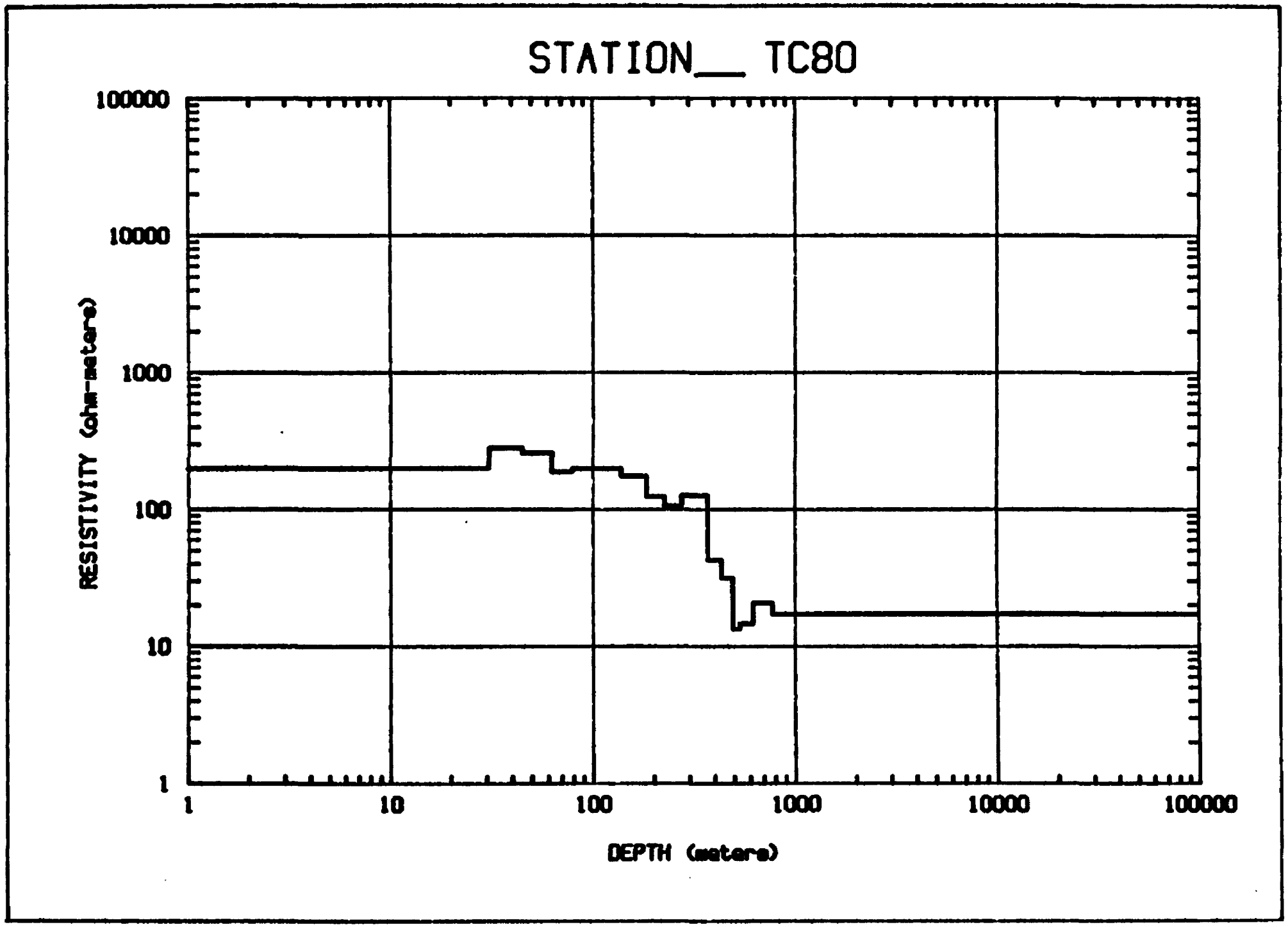
Station TC77 Quality: Excellent Jackson 7.5", T40N R116W S28/33
Station Location: On WY Fish and Game road, between Flat Creek and Snake River.
Remarks: NS slightly below EW for most freqs.



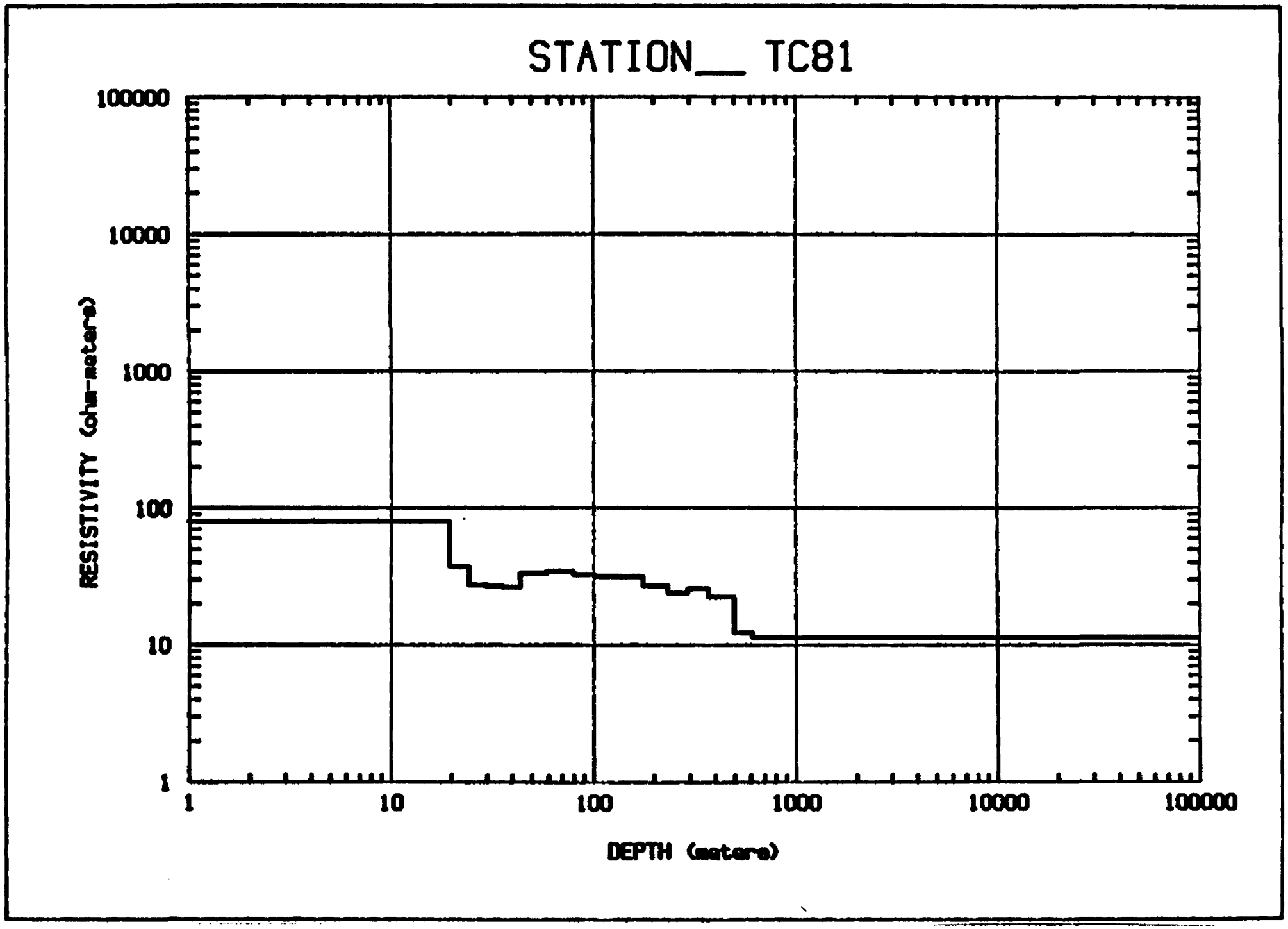
Station TC78 Quality: Excellent Jackson 7.5", T40N R116W NWSE S29
Station Location: N bank of Snake Creek, on WY Fish and Game road.
Remarks: NS above EW for most freqs.



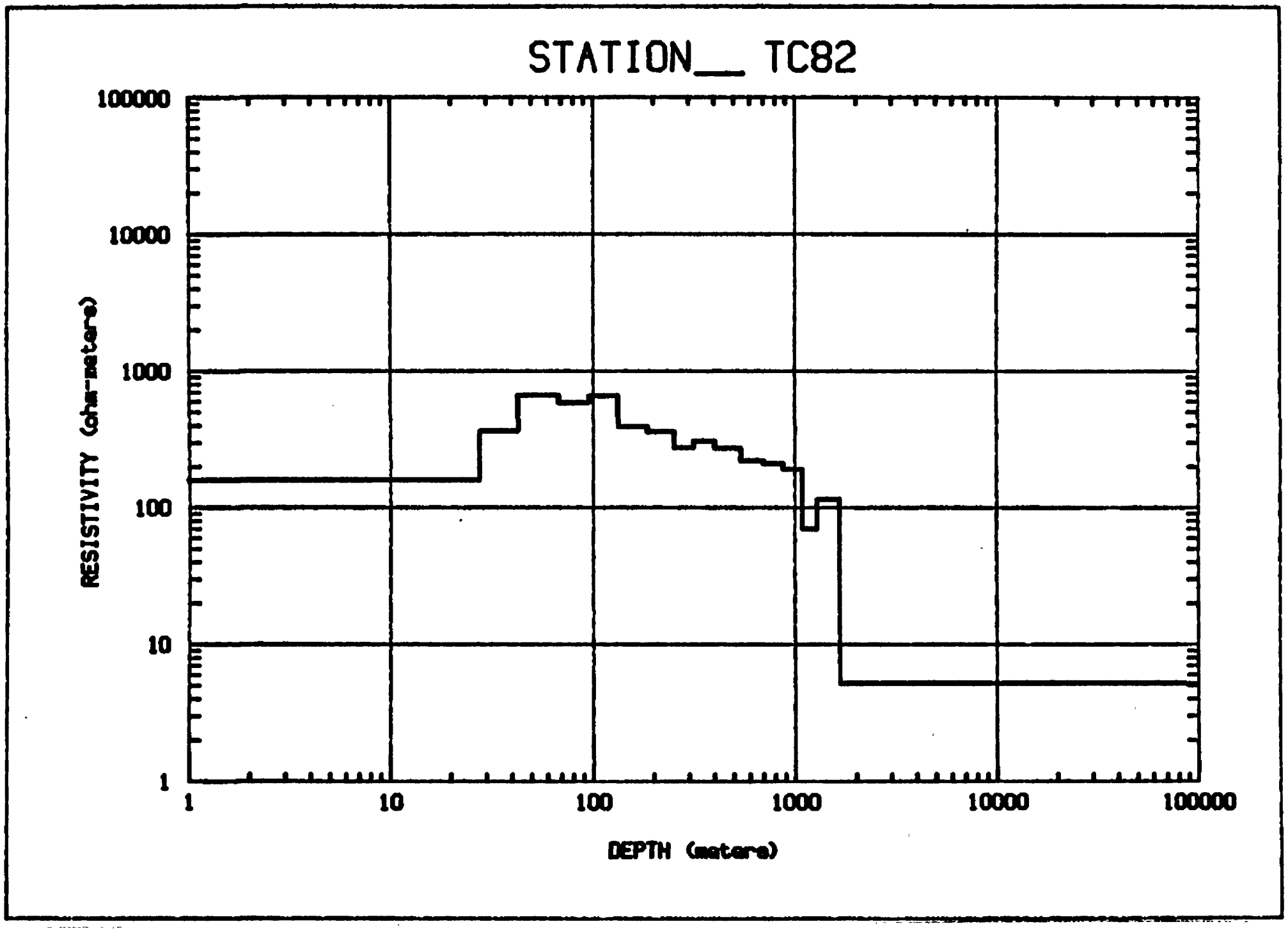
Station TC79 Quality: Poor Jackson 7.5", T40N R116W NWSW S20
Station Location: S side of paved E-W road
Remarks: NS may be below EW -- many dropped freqs.



Station TC80 Quality: Good Teton N.P. 15", T43N R115W NESE S20
Station Location: Near TDEM Site TCW02; N end of farm road past abandoned homestead on Antelope Flats. Remarks: NS above EW for most freqs.



Station TC81 Quality: Poor Jackson 7.5", T40N R117W SENE S13
Station Location: In local cemetary just W of paved road
Remarks: Many instrument problems, wind. No clear separation.



Station TC82 Quality: Good Teton Village 7.5", T42N R117W NESE S36
Station Location: In Resor's quarry 0.2 mi W of Moose-Wilson Rd
Remarks: No clear separation; NS may be higher for deep layers.