

Fig. II -5-6(3) Metal factor pseudo-sections(4200W-3000W)

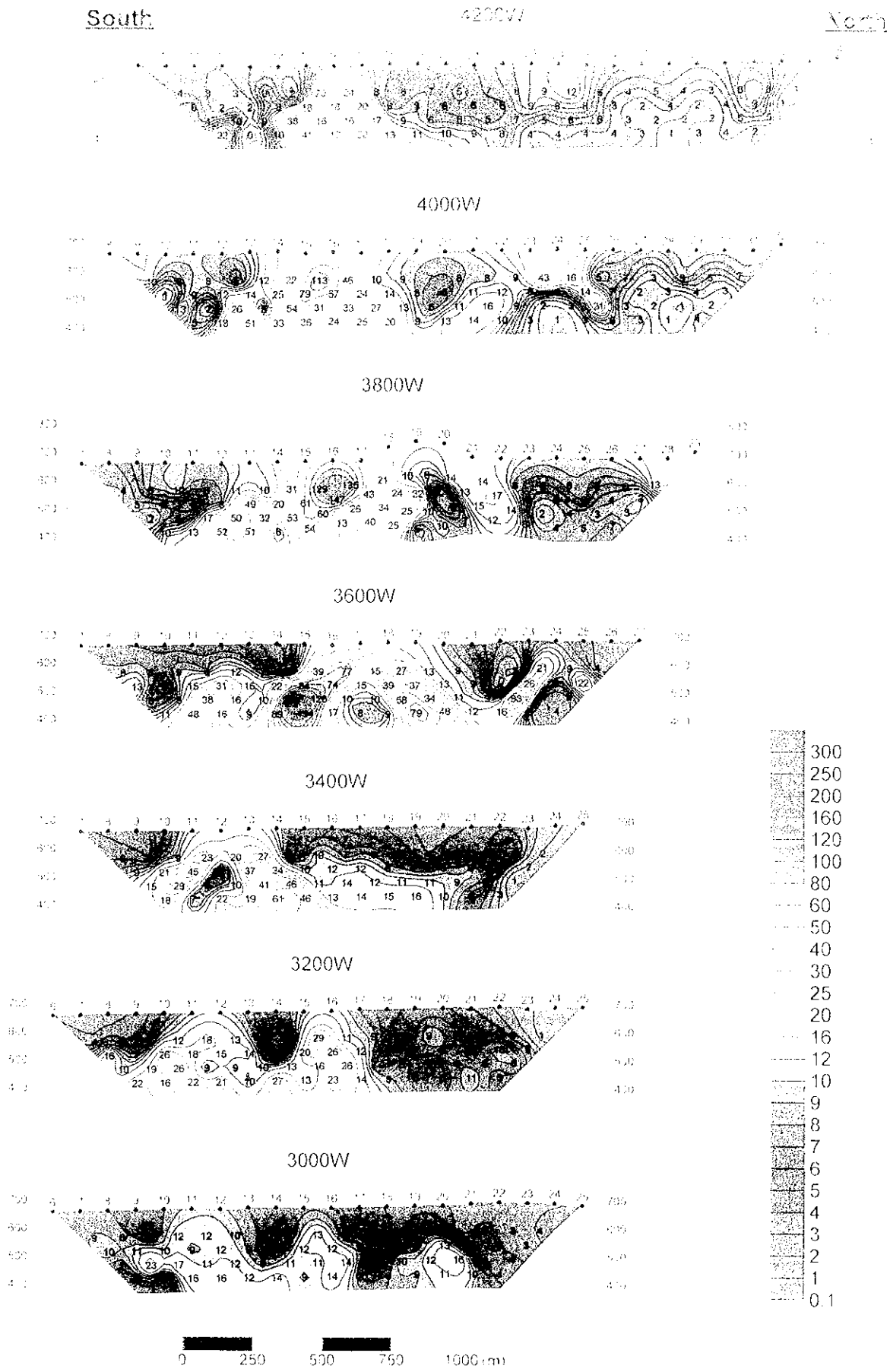


Fig. II-5-6(3) Metal factor pseudo-sections(4200W-3000W)

South

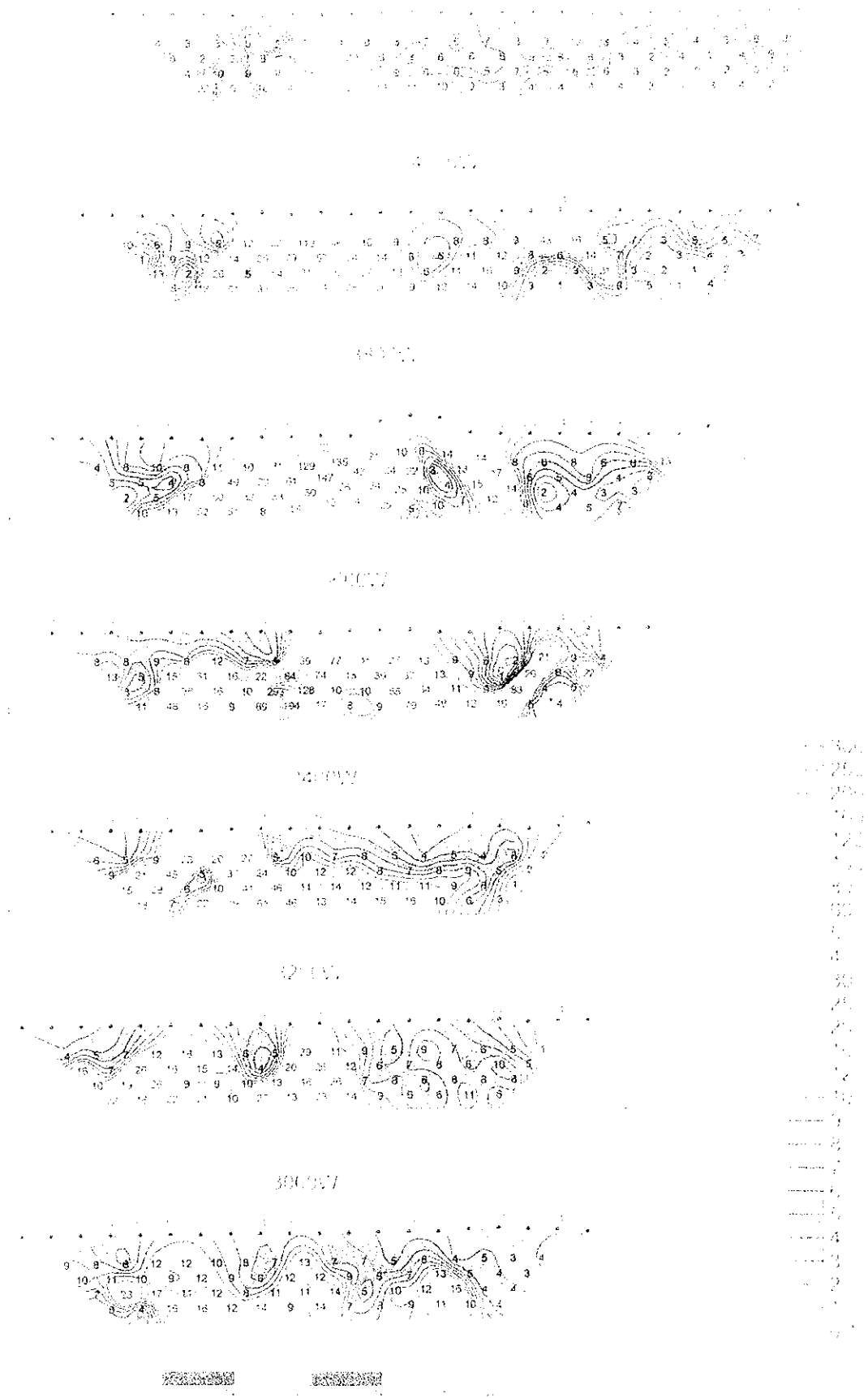


Fig. 11.5.6.3. Metal factor concentrations at 1000, 2000, 3000, 4000, 5000, 6000, 7000 m



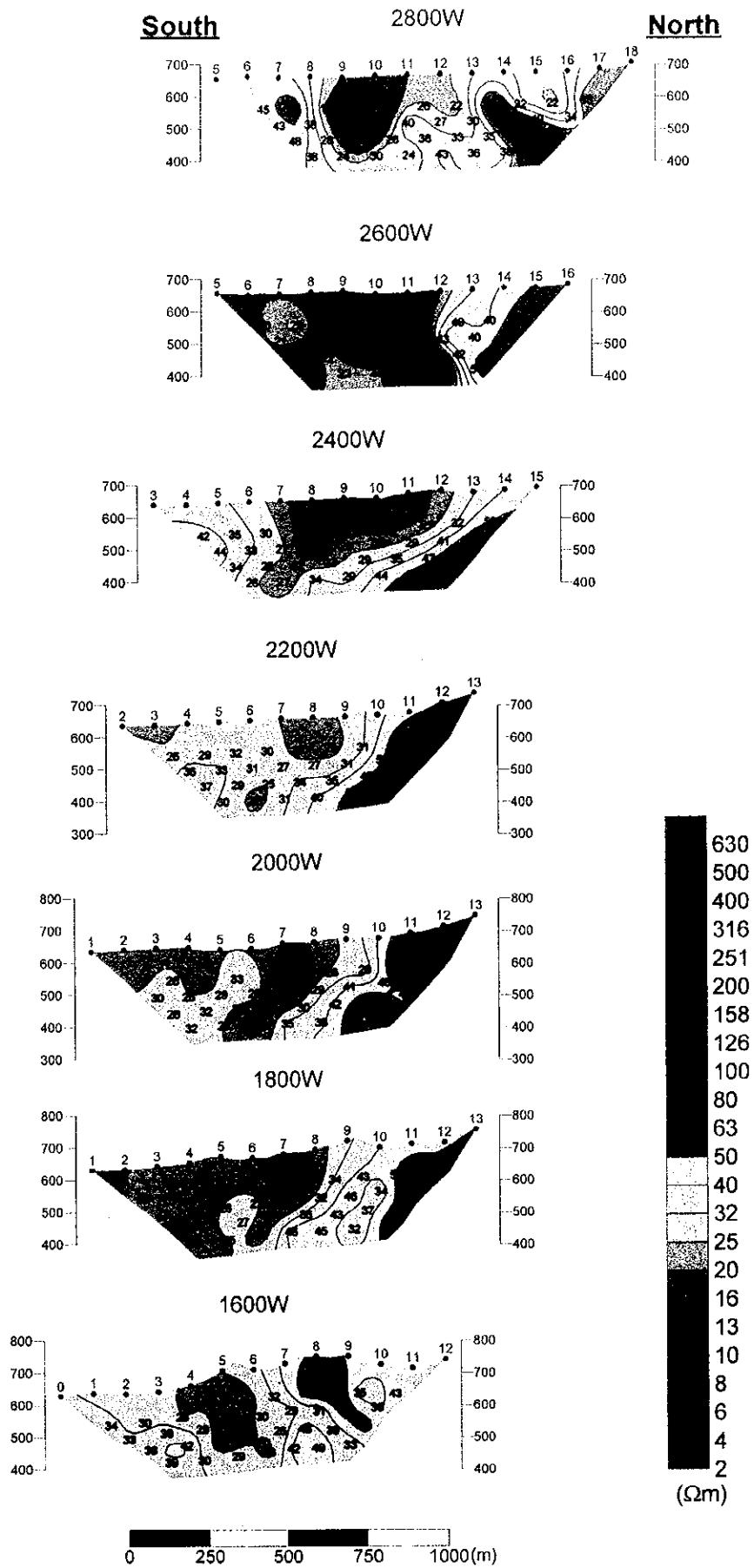


Fig. II-5-7(1) Apparent resistivity pseudo-sections(2800W-1600W)

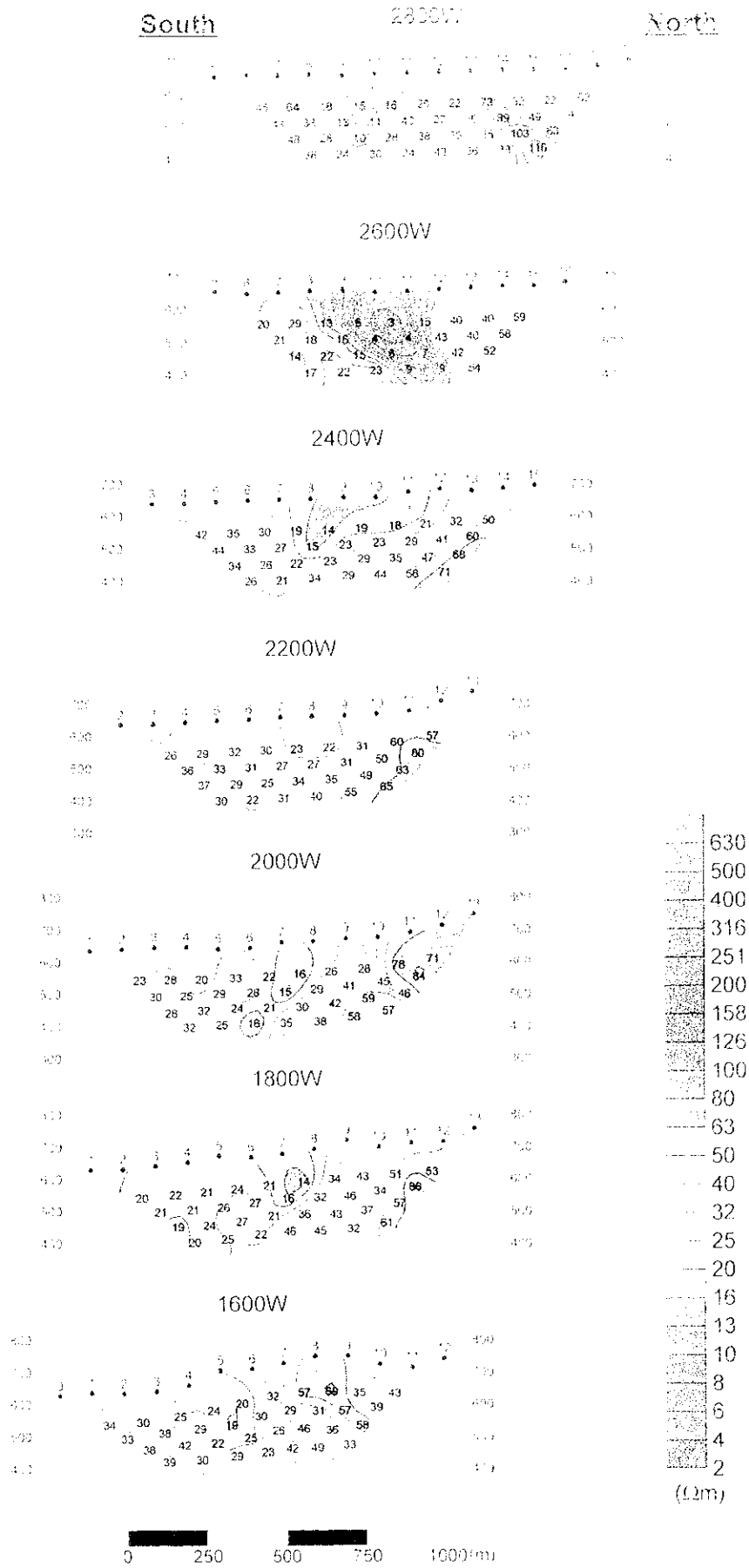


Fig. II-5-7(1) Apparent resistivity pseudo-sections(2800W-1600W)



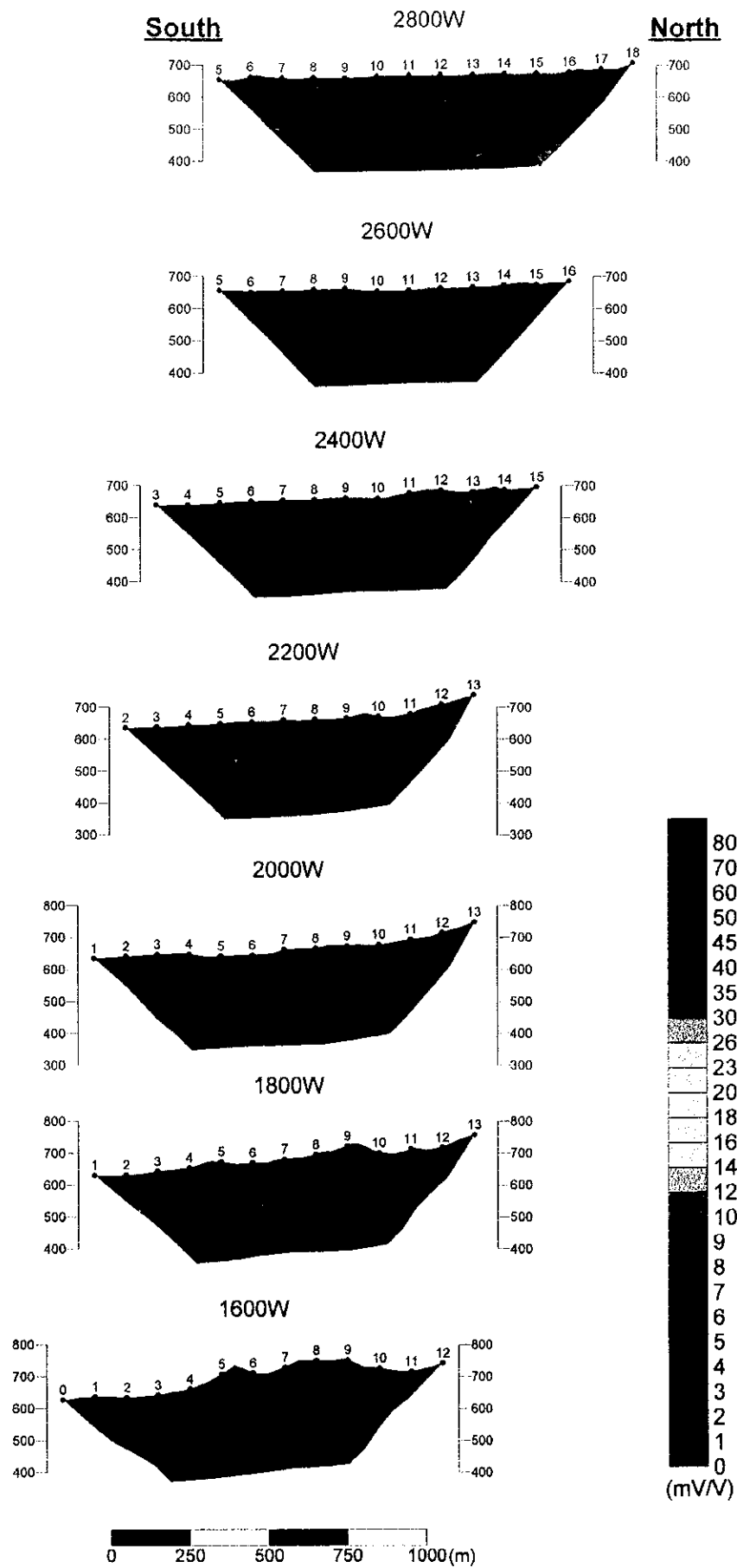


Fig. II -5-7(2) Chargeability pseudo-sections(2800W-1600W)



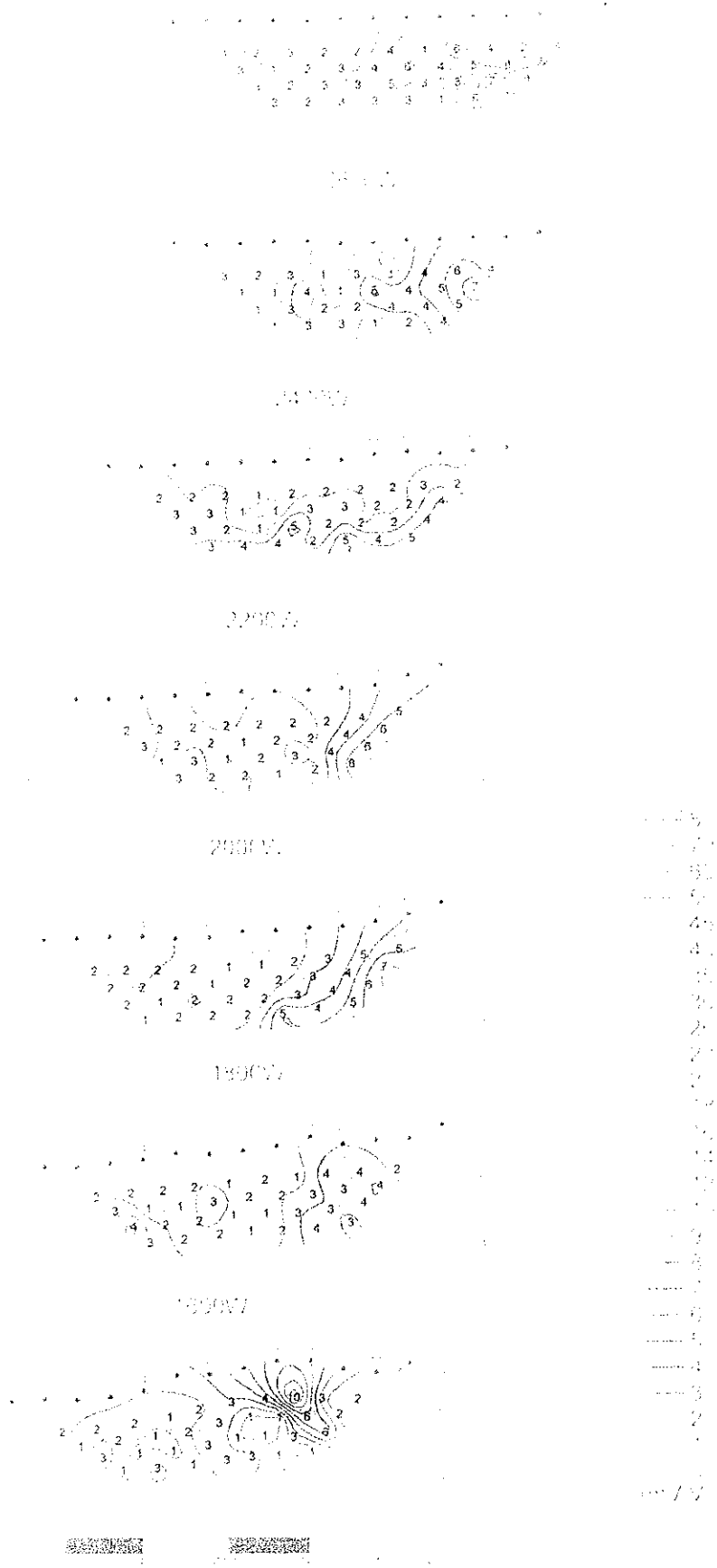


Fig. 1. 3-7. Changeability pseudo-sections (M. 1966)



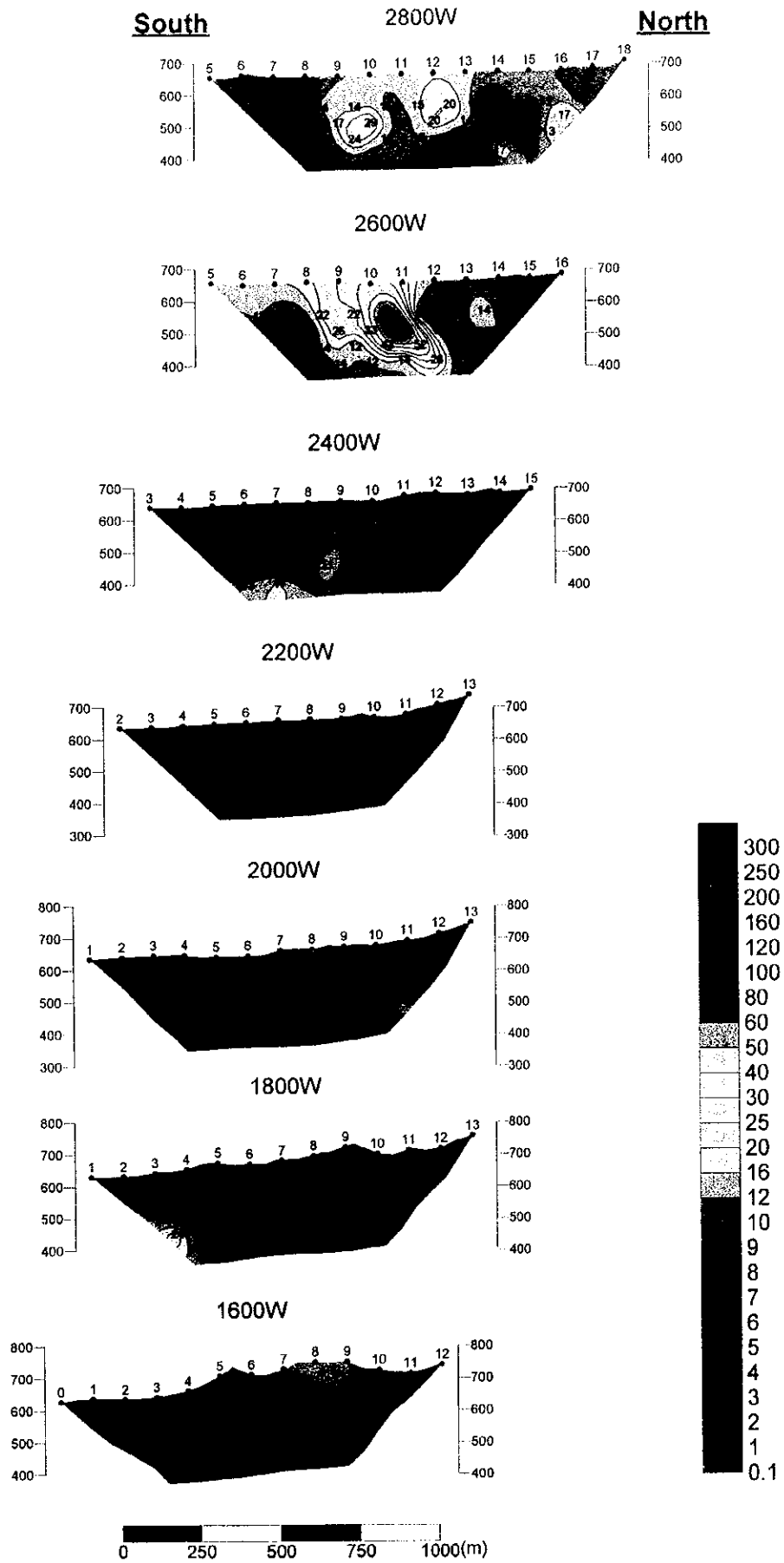


Fig. II-5-7(3) Metal factor pseudo-sections(2800W-1600W)

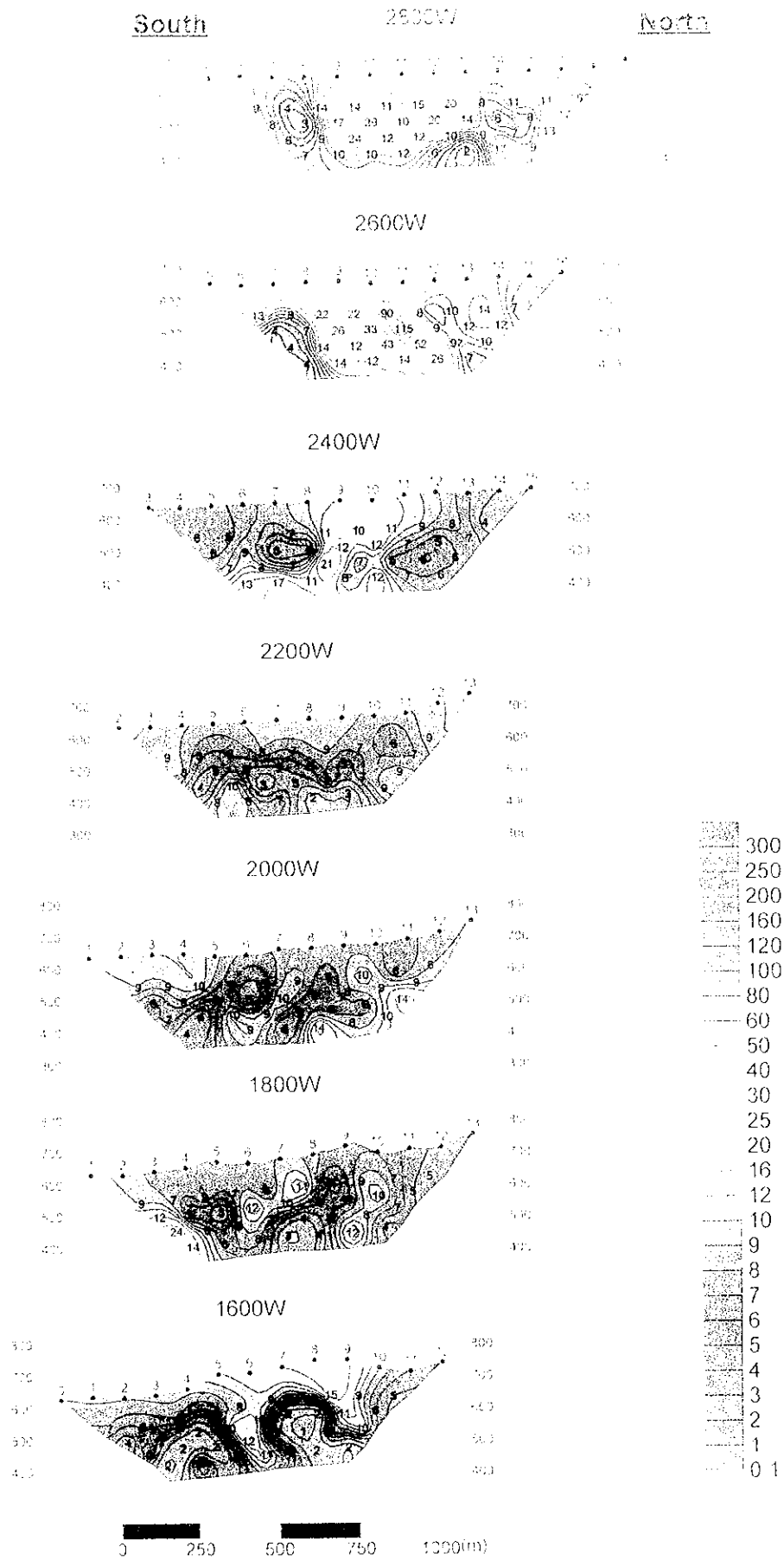


Fig. II-5-7(3) Metal factor pseudo-sections(2800W-1600W)

South

North

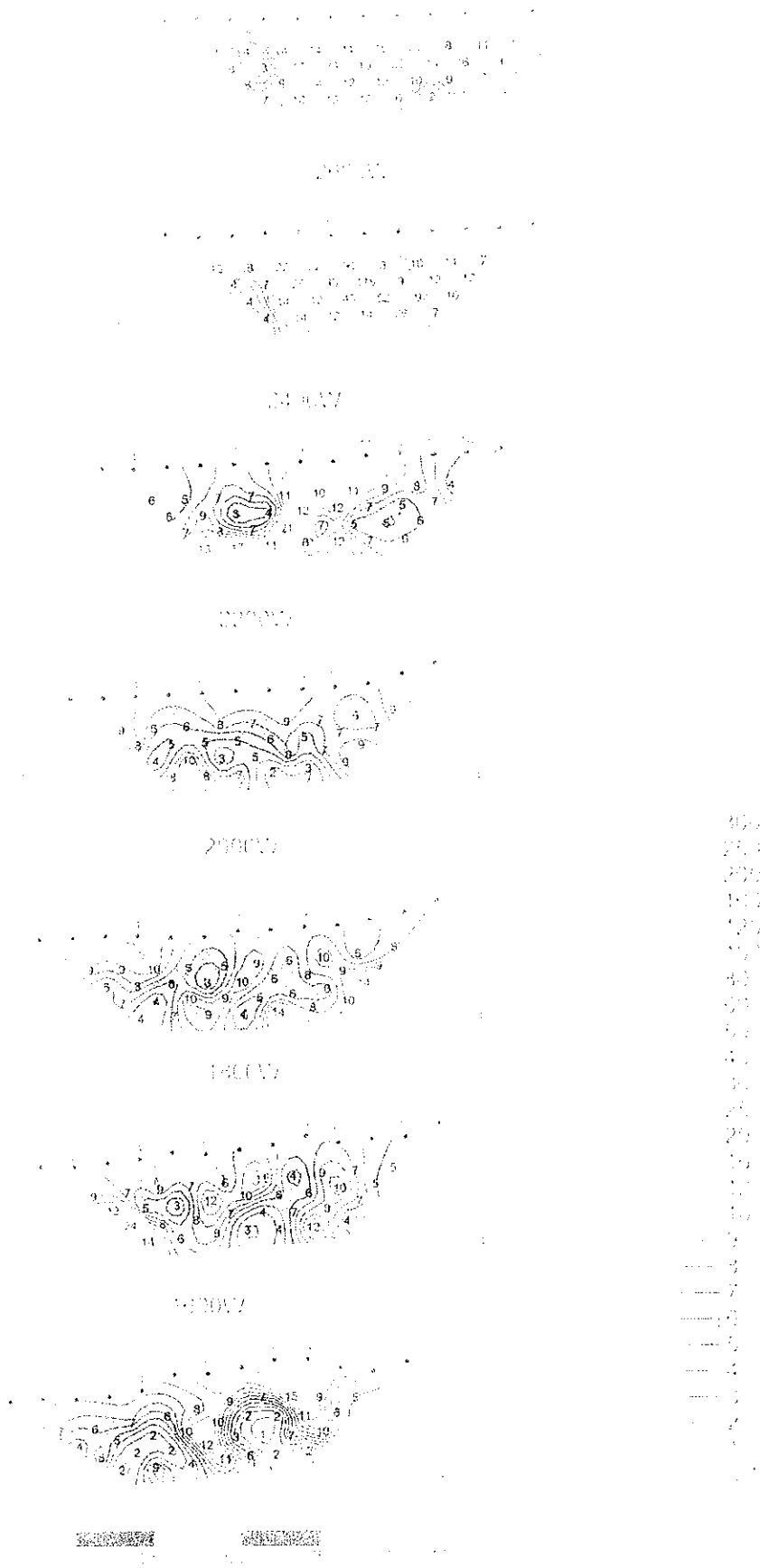


Fig. II-5-13. Meteorological cross-sections 28 JUL-1 AUG.



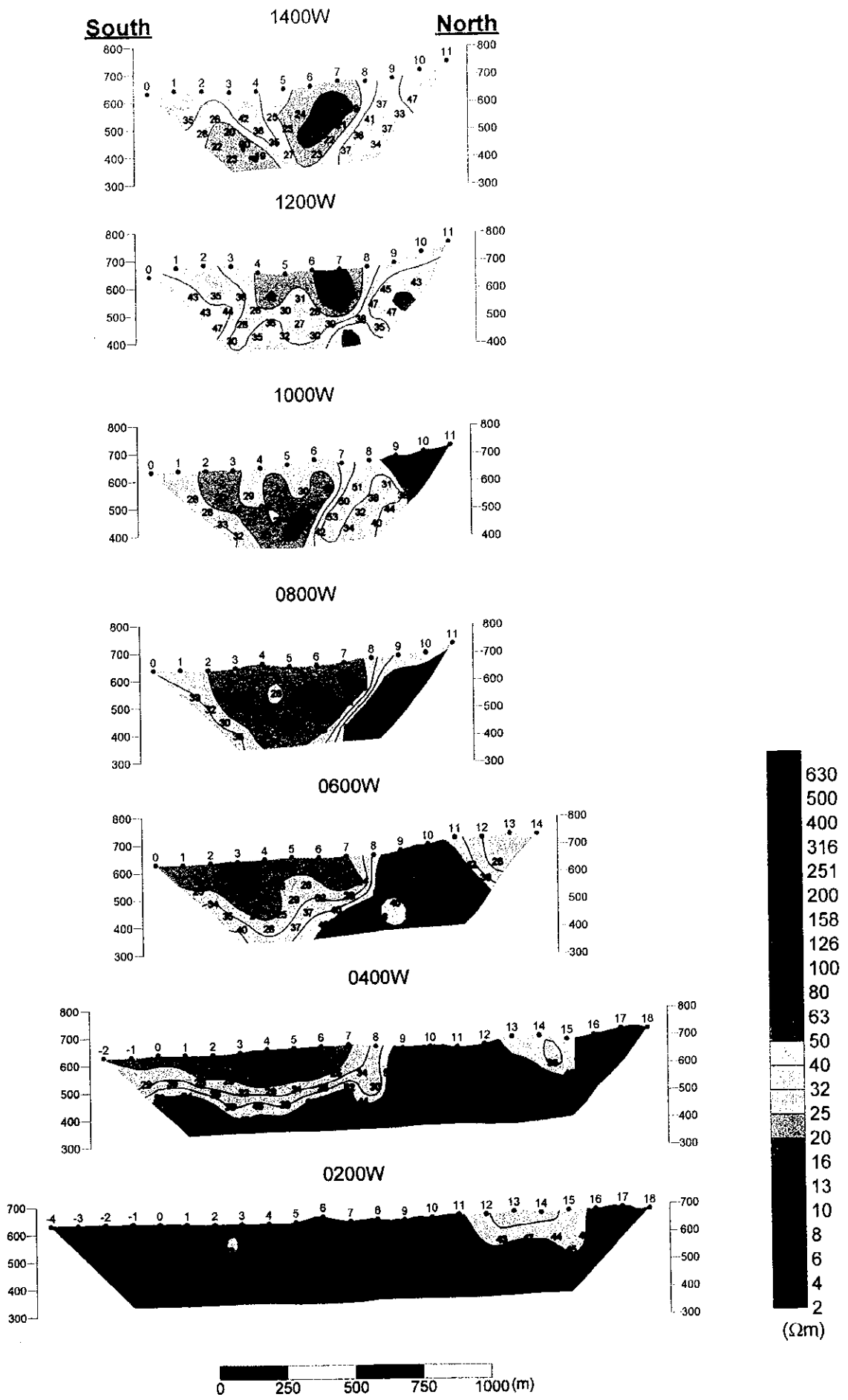


Fig. II -5-8(1) Apparent resistivity pseudo-sections(1400W-0200W)

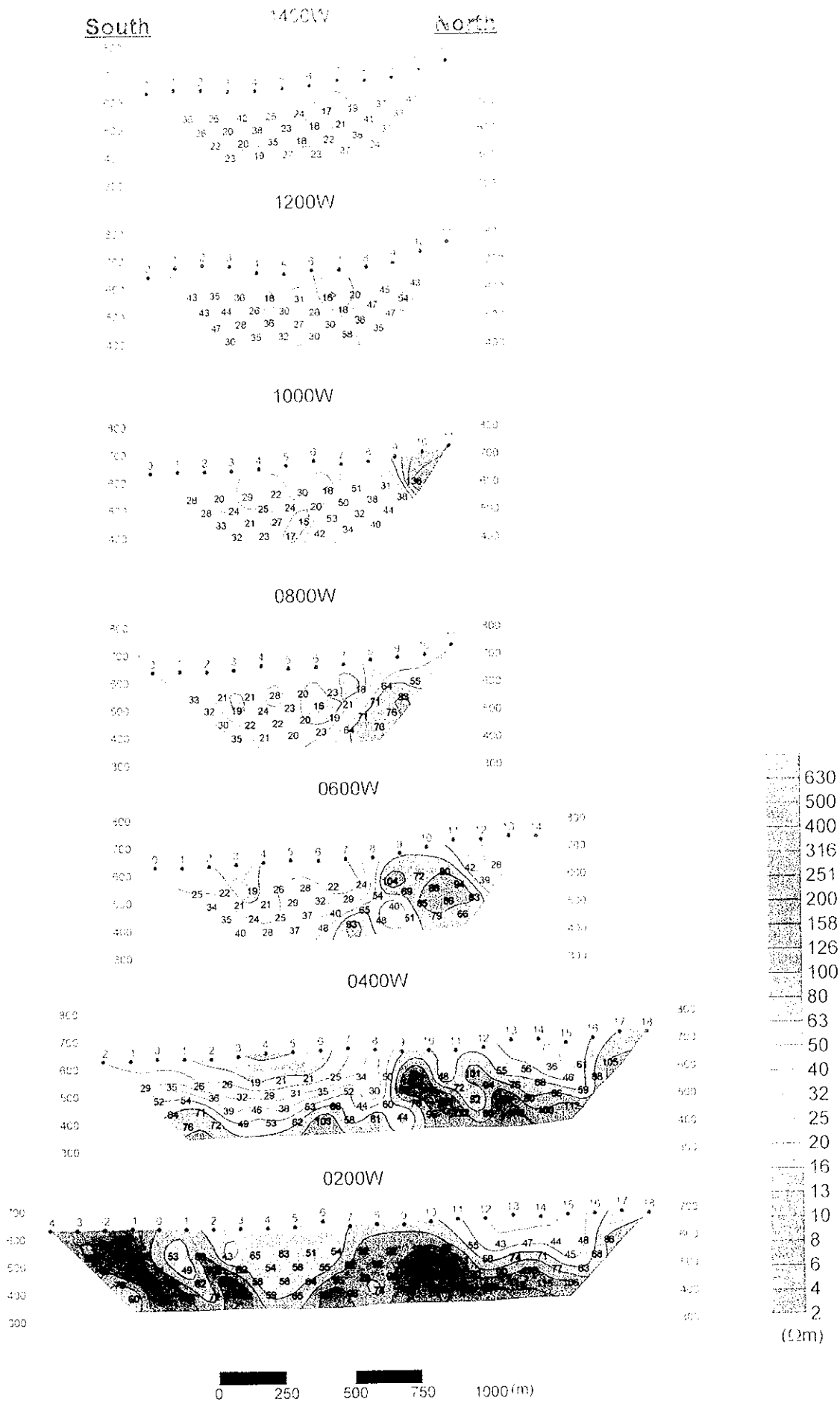


Fig. II-5-8(1) Apparent resistivity pseudo-sections(1400W-0200W)

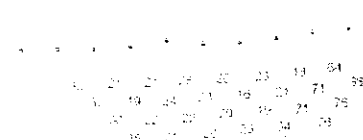




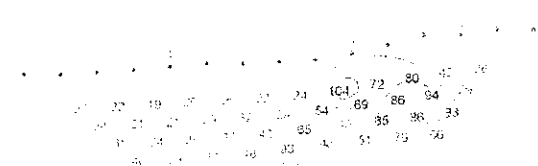
10000



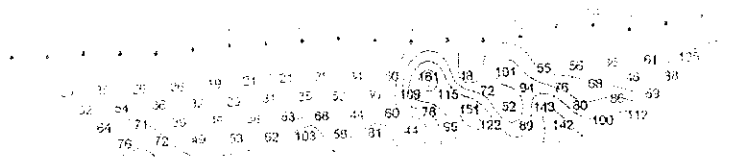
12000



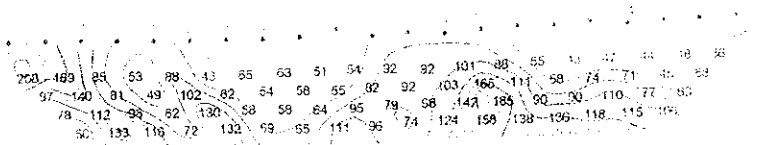
14000



16000



18000



- 10000
- 12000
- 14000
- 16000
- 18000
- 20000
- 22000
- 24000
- 26000
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- 30000
- 32000
- 34000
- 36000
- 38000
- 40000
- 42000
- 44000
- 46000
- 48000
- 50000
- 52000
- 54000
- 56000
- 58000
- 60000
- 62000
- 64000
- 66000
- 68000
- 70000
- 72000
- 74000
- 76000
- 78000
- 80000
- 82000
- 84000
- 86000
- 88000
- 90000
- 92000
- 94000
- 96000
- 98000
- 100000

Fig. 11.4.8.13. Apparent resistivity pseudo-sections for W 200 W.



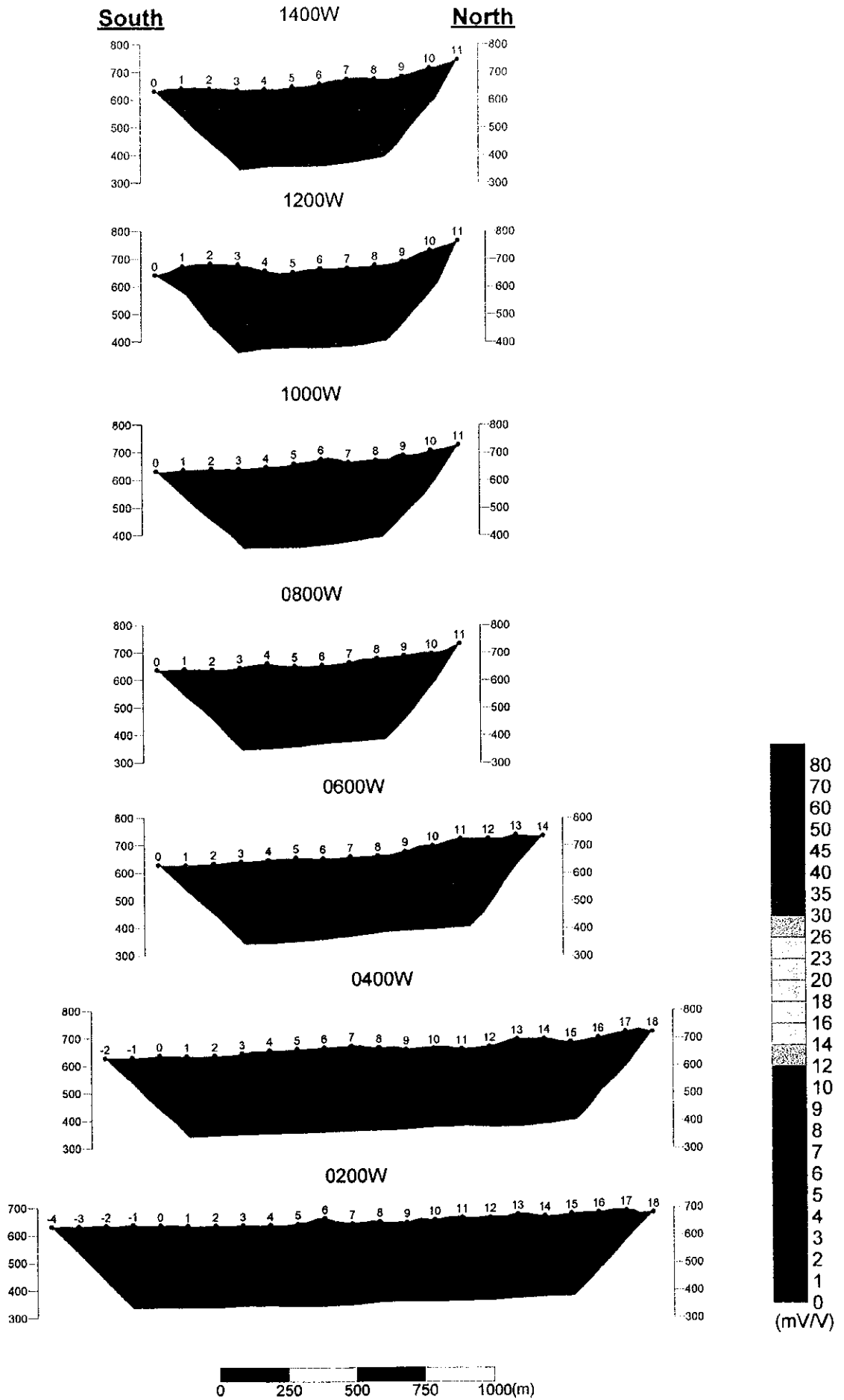


Fig. II-5-8(2) Chargeability pseudo-sections(1400W-0200W)

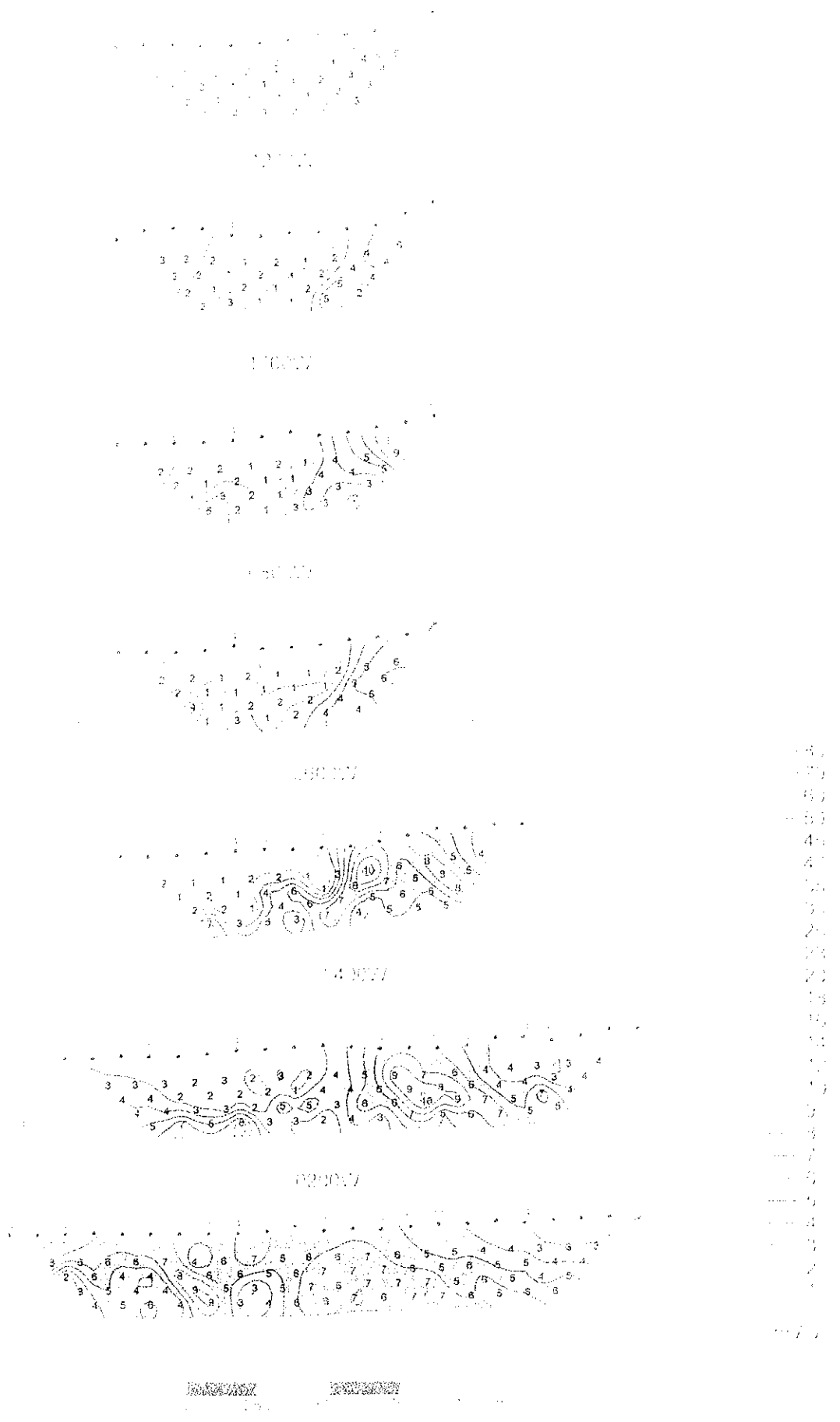


Fig. 11.5.8.2. Changeability precipitation in the section of the A. Chirya.



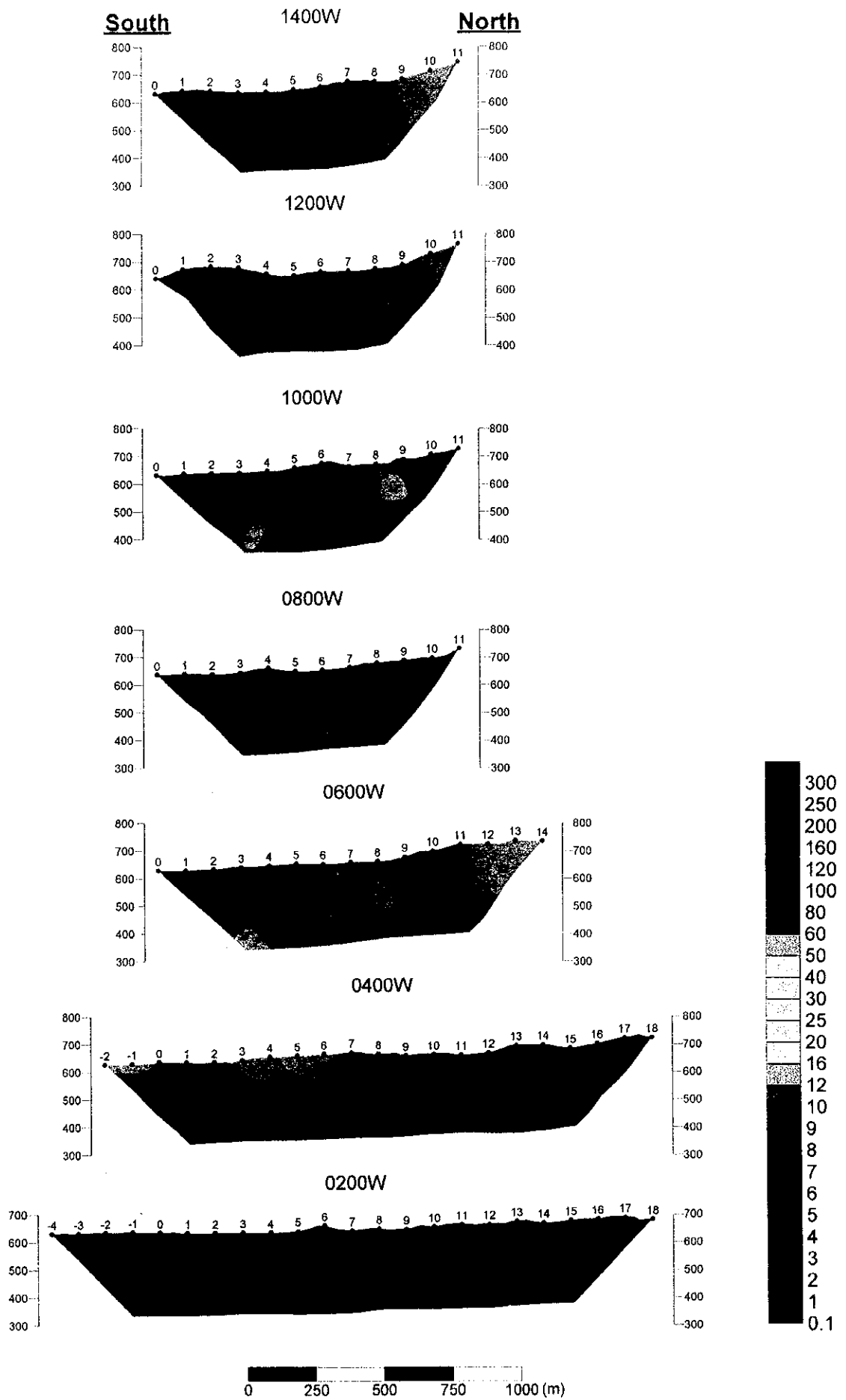


Fig. II -5-8(3) Metal factor pseudo-sections(1400W-0200W)

South

North

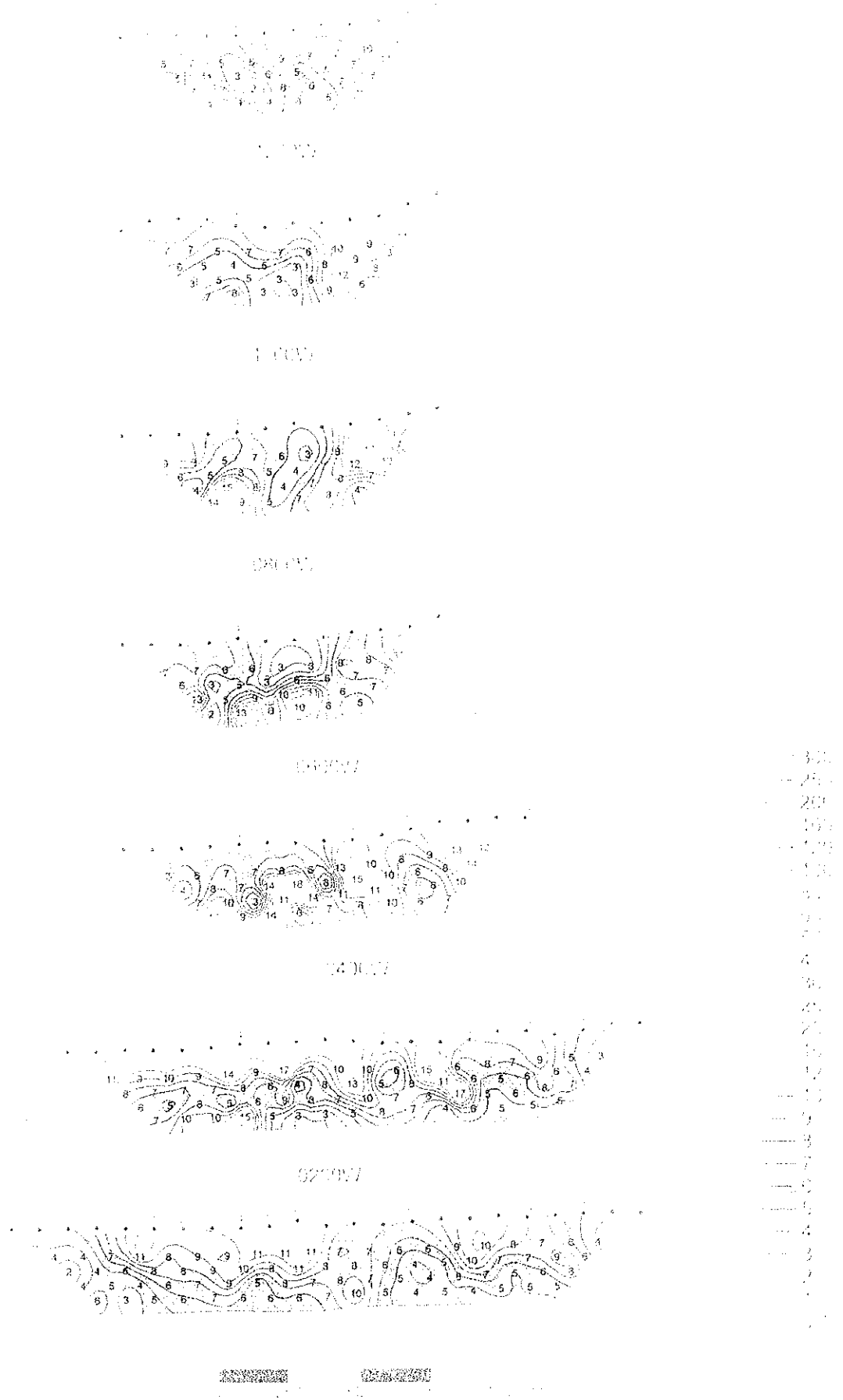


Fig. 1.5.8.30. Metal concentration (mg/kg) in water samples





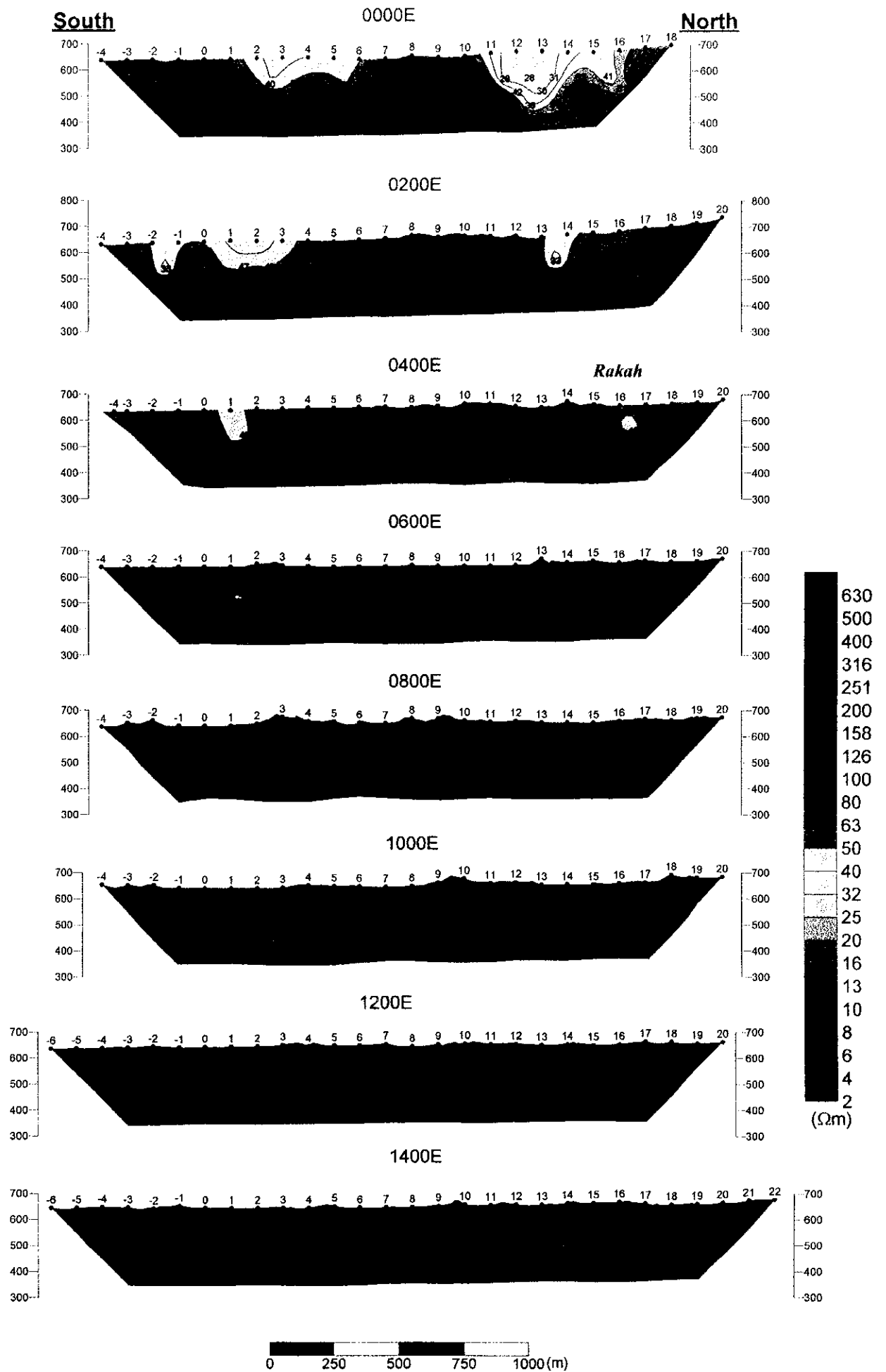


Fig. II-5-9(1) Apparent resistivity pseudo-sections(0000E-1400E)

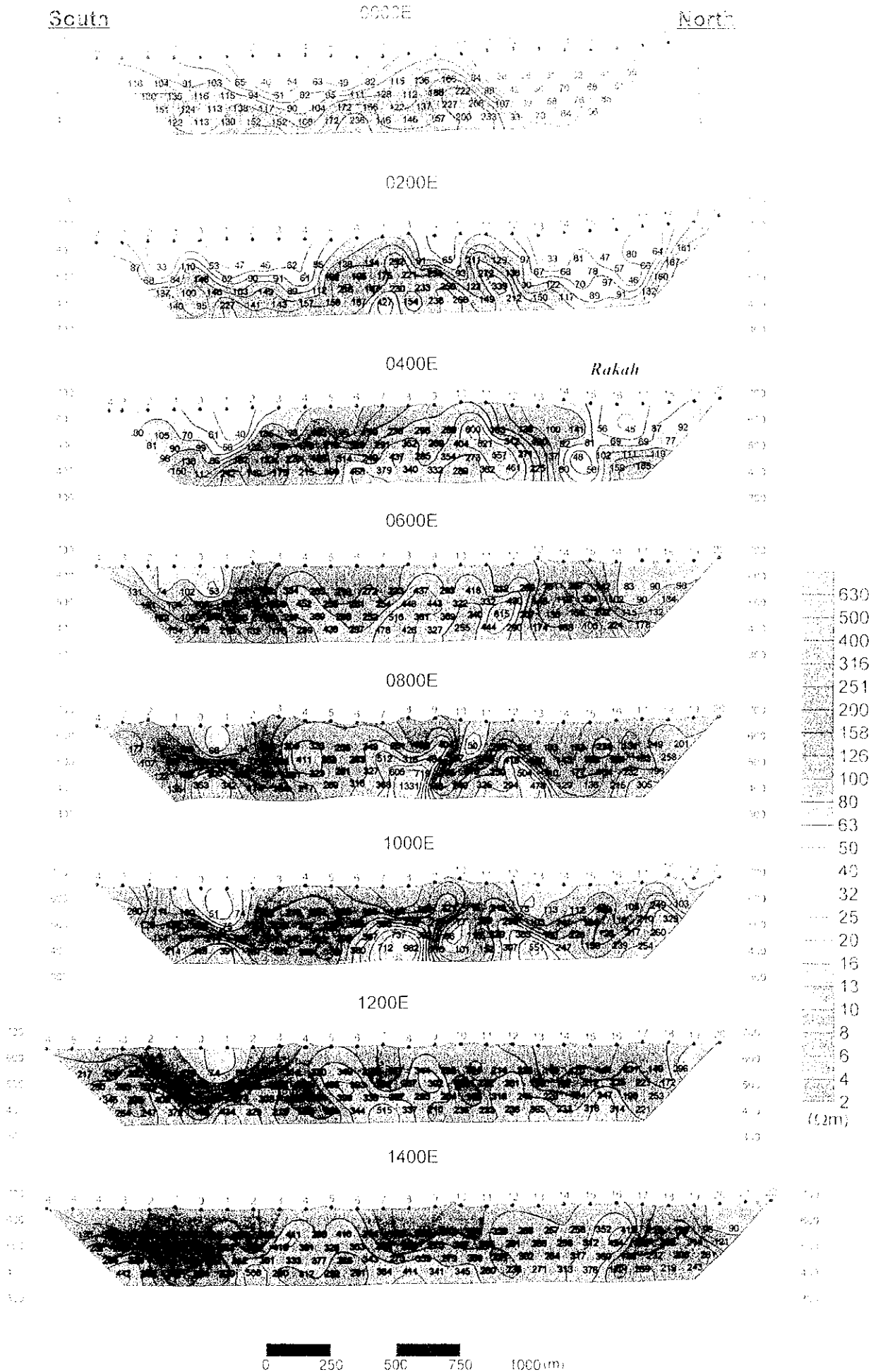


Fig. II-5-9(1) Apparent resistivity pseudo-sections(0000E -1400E)

Bahr

37 138 31 153 48 171 55 184 62 197 69 210 76 223 83 236 90 249 97 262 104 275 111 288 118 301 125 314 132 327 139 340 146 353 153 366 160 379 167 392 174 405 181 418 188 431 195 444 202 457 209 470 216 483 223 496 230 509 237 522 244 535 251 548 258 561 265 574 272 587 279 600 286 613 293 626 300 639 307 652 314 665 321 678 328 691 335 704 342 717 349 730 356 743 363 756 370 769 377 782 384 795 391 808 398 821 405 834 412 847 419 860 426 873 433 886 440 899 447 912 454 925 461 938 468 951 475 964 482 977 489 990 496 1003 503 1016 510 1029 517 1042 524 1055 531 1068 538 1081 545 1094 552 1107 559 1120 566 1133 573 1146 580 1159 587 1172 594 1185 601 1198 608 1211 615 1224 622 1237 629 1250 636 1263 643 1276 650 1289 657 1302 664 1315 671 1328 678 1341 685 1354 692 1367 699 1380 706 1393 713 1406 720 1419 727 1432 734 1445 741 1458 748 1471 755 1484 762 1497 769 1510 776 1523 783 1536 790 1549 797 1562 804 1575 811 1588 818 1601 825 1614 832 1627 839 1640 846 1653 853 1666 860 1679 867 1692 874 1705 881 1718 888 1731 895 1744 902 1757 909 1770 916 1783 923 1796 930 1809 937 1822 944 1835 951 1848 958 1861 965 1874 972 1887 979 1900 986 1913 993 1926 1000 1939 1007 1952 1014 1965 1021 1978 1028 1991 1035 2004 1042 2017 1049 2030 1056 2043 1063 2056 1070 2069 1077 2082 1084 2095 1091 2108 1108 2121 1115 2134 1122 2147 1129 2160 1136 2173 1143 2186 1150 2199 1157 2212 1164 2225 1171 2238 1178 2251 1185 2264 1192 2277 1199 2290 1206 2303 1213 2316 1220 2329 1227 2342 1234 2355 1241 2368 1248 2381 1255 2394 1262 2407 1269 2420 1276 2433 1283 2446 1290 2459 1297 2472 1304 2485 1311 2498 1318 2511 1325 2524 1332 2537 1339 2550 1346 2563 1353 2576 1360 2589 1367 2602 1374 2615 1381 2628 1388 2641 1395 2654 1402 2667 1409 2680 1416 2693 1423 2706 1430 2719 1437 2732 1444 2745 1451 2758 1458 2771 1465 2784 1472 2797 1479 2810 1486 2823 1493 2836 1500 2849 1507 2862 1514 2875 1521 2888 1528 2901 1535 2914 1542 2927 1549 2940 1556 2953 1563 2966 1570 2979 1577 2992 1584 3005 1591 3018 1598 3031 1605 3044 1612 3057 1619 3070 1626 3083 1633 3096 1640 3109 1647 3122 1654 3135 1661 3148 1668 3161 1675 3174 1682 3187 1689 3200 1696 3213 1703 3226 1710 3239 1717 3252 1724 3265 1731 3278 1738 3291 1745 3304 1752 3317 1759 3330 1766 3343 1773 3356 1780 3369 1787 3382 1794 3395 1801 3408 1808 3421 1815 3434 1822 3447 1829 3460 1836 3473 1843 3486 1850 3499 1857 3512 1864 3525 1871 3538 1878 3551 1885 3564 1892 3577 1899 3590 1906 3603 1913 3616 1920 3629 1927 3642 1934 3655 1941 3668 1948 3681 1955 3694 1962 3707 1969 3720 1976 3733 1983 3746 1990 3759 1997 3772 2004 3785 2011 3798 2018 3811 2025 3824 2032 3837 2039 3850 2046 3863 2053 3876 2060 3889 2067 3902 2074 3915 2081 3928 2088 3941 2095 3954 2102 3967 2109 3980 2116 3993 2123 4006 2130 4019 2137 4032 2144 4045 2151 4058 2158 4071 2165 4084 2172 4097 2179 4110 2186 4123 2193 4136 2200 4149 2207 4162 2214 4175 2221 4188 2228 4201 2235 4214 2242 4227 2249 4240 2256 4253 2263 4266 2270 4279 2277 4292 2284 4305 2291 4318 2298 4331 2305 4344 2312 4357 2319 4370 2326 4383 2333 4396 2340 4409 2347 4422 2354 4435 2361 4448 2368 4461 2375 4474 2382 4487 2389 4500 2396 4513 2403 4526 2410 4539 2417 4552 2424 4565 2431 4578 2438 4591 2445 4604 2452 4617 2459 4630 2466 4643 2473 4656 2480 4669 2487 4682 2494 4695 2501 4708 2508 4721 2515 4734 2522 4747 2529 4760 2536 4773 2543 4786 2550 4799 2557 4812 2564 4825 2571 4838 2578 4851 2585 4864 2592 4877 2599 4890 2606 4903 2613 4916 2620 4929 2627 4942 2634 4955 2641 4968 2648 4981 2655 4994 2662 5007 2669 5020 2676 5033 2683 5046 2690 5059 2697 5072 2704 5085 2711 5098 2718 5111 2725 5124 2732 5137 2739 5150 2746 5163 2753 5176 2760 5189 2767 5202 2774 5215 2781 5228 2788 5241 2795 5254 2802 5267 2809 5280 2816 5293 2823 5306 2830 5319 2837 5332 2844 5345 2851 5358 2858 5371 2865 5384 2872 5397 2879 5410 2886 5423 2893 5436 2900 5449 2907 5462 2914 5475 2921 5488 2928 5501 2935 5514 2942 5527 2949 5540 2956 5553 2963 5566 2970 5579 2977 5592 2984 5605 2991 5618 2998 5631 3005 5644 3012 5657 3019 5670 3026 5683 3033 5696 3040 5709 3047 5722 3054 5735 3061 5748 3068 5761 3075 5774 3082 5787 3089 5800 3096 5813 3103 5826 3110 5839 3117 5852 3124 5865 3131 5878 3138 5891 3145 5904 3152 5917 3159 5930 3166 5943 3173 5956 3180 5969 3187 5982 3194 5995 3201 6008 3208 6021 3215 6034 3222 6047 3229 6060 3236 6073 3243 6086 3250 6099 3257 6112 3264 6125 3271 6138 3278 6151 3285 6164 3292 6177 3299 6190 3306 6203 3313 6216 3320 6229 3327 6242 3334 6255 3341 6268 3348 6281 3355 6294 3362 6307 3369 6320 3376 6333 3383 6346 3390 6359 3397 6372 3404 6385 3411 6398 3418 6411 3425 6424 3432 6437 3439 6450 3446 6463 3453 6476 3460 6489 3467 6502 3474 6515 3481 6528 3488 6541 3495 6554 3502 6567 3509 6580 3516 6593 3523 6606 3530 6619 3537 6632 3544 6645 3551 6658 3558 6671 3565 6684 3572 6697 3579 6710 3586 6723 3593 6736 3600 6749 3607 6762 3614 6775 3621 6788 3628 6801 3635 6814 3642 6827 3649 6840 3656 6853 3663 6866 3670 6879 3677 6892 3684 6905 3691 6918 3698 6931 3705 6944 3712 6957 3719 6970 3726 6983 3733 6996 3740 7009 3747 7022 3754 7035 3761 7048 3768 7061 3775 7074 3782 7087 3789 7100 3796 7113 3803 7126 3810 7139 3817 7152 3824 7165 3831 7178 3838 7191 3845 7204 3852 7217 3859 7230 3866 7243 3873 7256 3880 7269 3887 7282 3894 7295 3901 7308 3908 7321 3915 7334 3922 7347 3929 7360 3936 7373 3943 7386 3950 7399 3957 7412 3964 7425 3971 7438 3978 7451 3985 7464 3992 7477 3999 7490 4006 7503 4013 7516 4020 7529 4027 7542 4034 7555 4041 7568 4048 7581 4055 7594 4062 7607 4069 7620 4076 7633 4083 7646 4090 7659 4097 7672 4104 7685 4111 7698 4118 7711 4125 7724 4132 7737 4139 7750 4146 7763 4153 7776 4160 7789 4167 7802 4174 7815 4181 7828 4188 7841 4195 7854 4202 7867 4209 7880 4216 7893 4223 7906 4230 7919 4237 7932 4244 7945 4251 7958 4258 7971 4265 7984 4272 7997 4279 8010 4286 8023 4293 8036 4300 8049 4307 8062 4314 8075 4321 8088 4328 8101 4335 8114 4342 8127 4349 8140 4356 8153 4363 8166 4370 8179 4377 8192 4384 8205 4391 8218 4398 8231 4405 8244 4412 8257 4419 8270 4426 8283 4433 8296 4440 8309 4447 8322 4454 8335 4461 8348 4468 8361 4475 8374 4482 8387 4489 8400 4496 8413 4503 8426 4510 8439 4517 8452 4524 8465 4531 8478 4538 8491 4545 8504 4552 8517 4559 8530 4566 8543 4573 8556 4580 8569 4587 8582 4594 8595 4601 8608 4608 8621 4615 8634 4622 8647 4629 8660 4636 8673 4643 8686 4650 8699 4657 8712 4664 8725 4671 8738 4678 8751 4685 8764 4692 8777 4699 8790 4706 8803 4713 8816 4720 8829 4727 8842 4734 8855 4741 8868 4748 8881 4755 8894 4762 8907 4769 8920 4776 8933 4783 8946 4790 8959 4797 8972 4804 8985 4811 8998 4818 9011 4825 9024 4832 9037 4839 9050 4846 9063 4853 9076 4860 9089 4867 9102 4874 9115 4881 9128 4888 9141 4895 9154 4902 9167 4909 9180 4916 9193 4923 9206 4930 9219 4937 9232 4944 9245 4951 9258 4958 9271 4965 9284 4972 9297 4979 9310 4986 9323 4993 9336 5000 9349 5007 9362 5014 9375 5021 9388 5028 9401 5035 9414 5042 9427 5049 9440 5056 9453 5063 9466 5070 9479 5077 9492 5084 9505 5091 9518 5098 9531 5105 9544 5112 9557 5119 9570 5126 9583 5133 9596 5140 9609 5147 9622 5154 9635 5161 9648 5168 9661 5175 9674 5182 9687 5189 9700 5196 9713 5203 9726 5210 9739 5217 9752 5224 9765 5231 9778 5238 9791 5245 9804 5252 9817 5259 9830 5266 9843 5273 9856 5280 9869 5287 9882 5294 9895 5301 9908 5308 9921 5315 9934 5322 9947 5329 9960 5336 9973 5343 9986 5350 9999 5357

R koth

30 305 79 81 40 135 93 150 60 199 200 290 269 600 183 138 100 141 53 45 37 90  
31 90 29 50 122 156 170 219 185 291 352 289 404 521 312 160 92 81 69 89 77  
32 103 85 161 123 228 153 374 249 437 285 354 273 357 271 47 48 102 111 113  
33 10 22 241 143 157 156 187 427 154 238 259 149 212 159 412 5 31 187

0333

31 74 102 53 149 139 334 265 219 272 223 437 292 419 212 289 151 207 142 83 20 48  
32 104 108 133 130 259 452 255 261 254 448 443 322 332 491 146 119 304 102 90 114  
33 105 248 118 145 297 389 298 252 516 381 389 246 815 247 130 153 202 145 137  
34 184 218 213 102 175 239 429 297 478 476 327 255 444 690 174 166 405 224 178

0611

177 137 130 66 94 197 309 323 256 349 281 106 404 50 203 116 133 153 239 131 249 2  
187 187 154 191 114 231 411 283 263 512 316 484 367 166 418 320 143 156 181 153 252  
197 193 300 331 134 291 323 261 327 505 719 105 218 250 504 170 172 154 233 194  
207 353 342 174 184 217 289 318 368 1331 148 240 325 284 475 129 136 215 305

1104

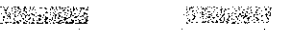
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114 248 301 167 161 169 139 360 712 382 146 101 152 307 153 247 153 239 254

1201

217 214 322 125 118 74 83 173 214 320 349 225 177 344 196 295 214 228 159 170 141 231 149 266  
260 283 323 154 116 114 239 256 181 498 393 194 207 339 188 232 331 169 187 212 225 221 172  
245 226 409 138 167 274 263 162 204 358 338 287 293 284 165 318 245 228 494 347 199 253  
284 247 372 188 434 329 219 200 196 344 515 337 210 225 233 256 365 233 318 214 207

1611

150 144 142 178 191 214 205 208 411 268 418 244 156 139 218 181 328 269 257 258 352 412 119 189 88 38  
237 382 216 151 136 333 136 410 381 328 353 238 604 270 227 245 291 296 258 312 424 152 205 214 121  
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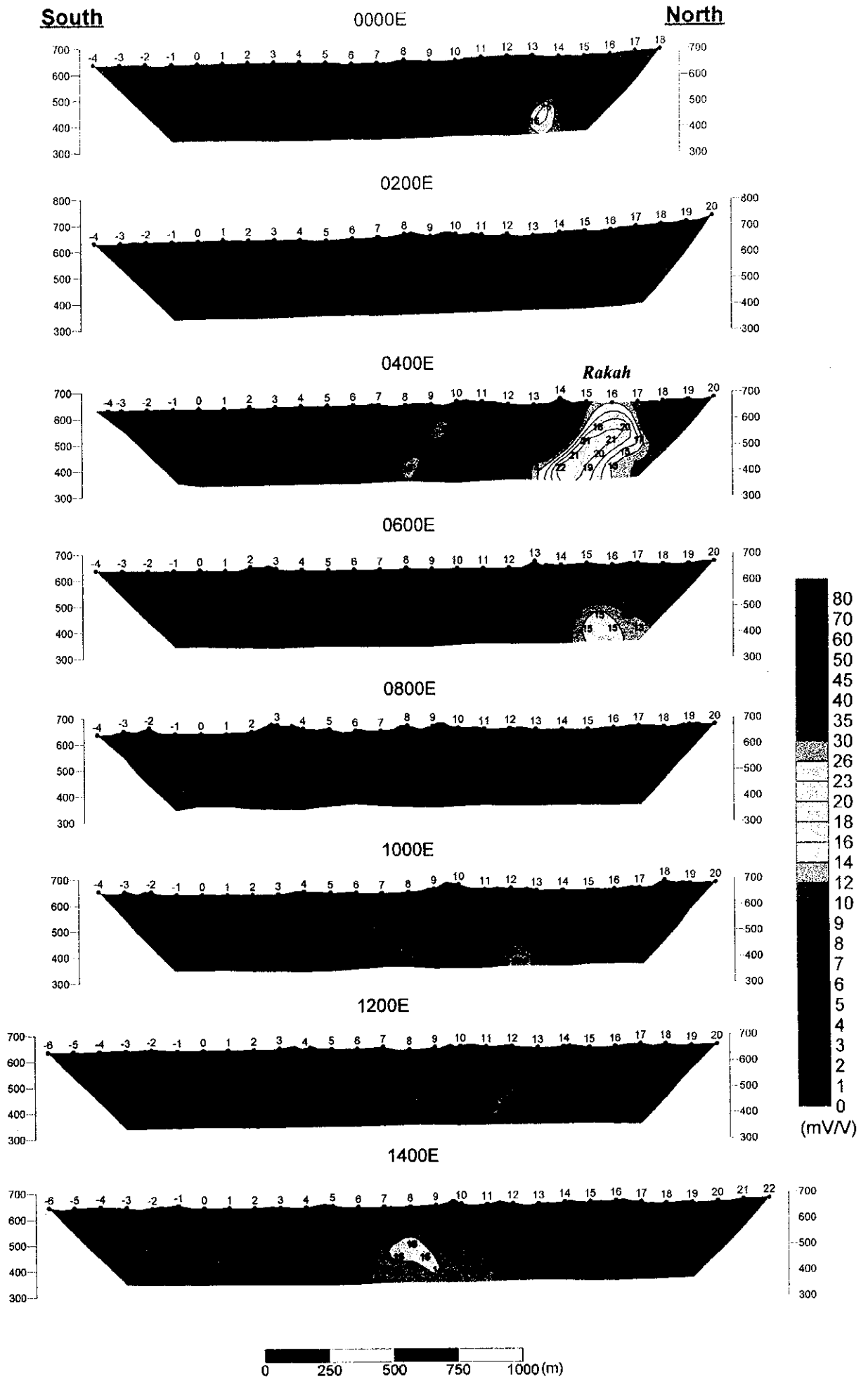


Fig. II -5-9(2) Chargeability pseudo-sections(0000E-1400E)

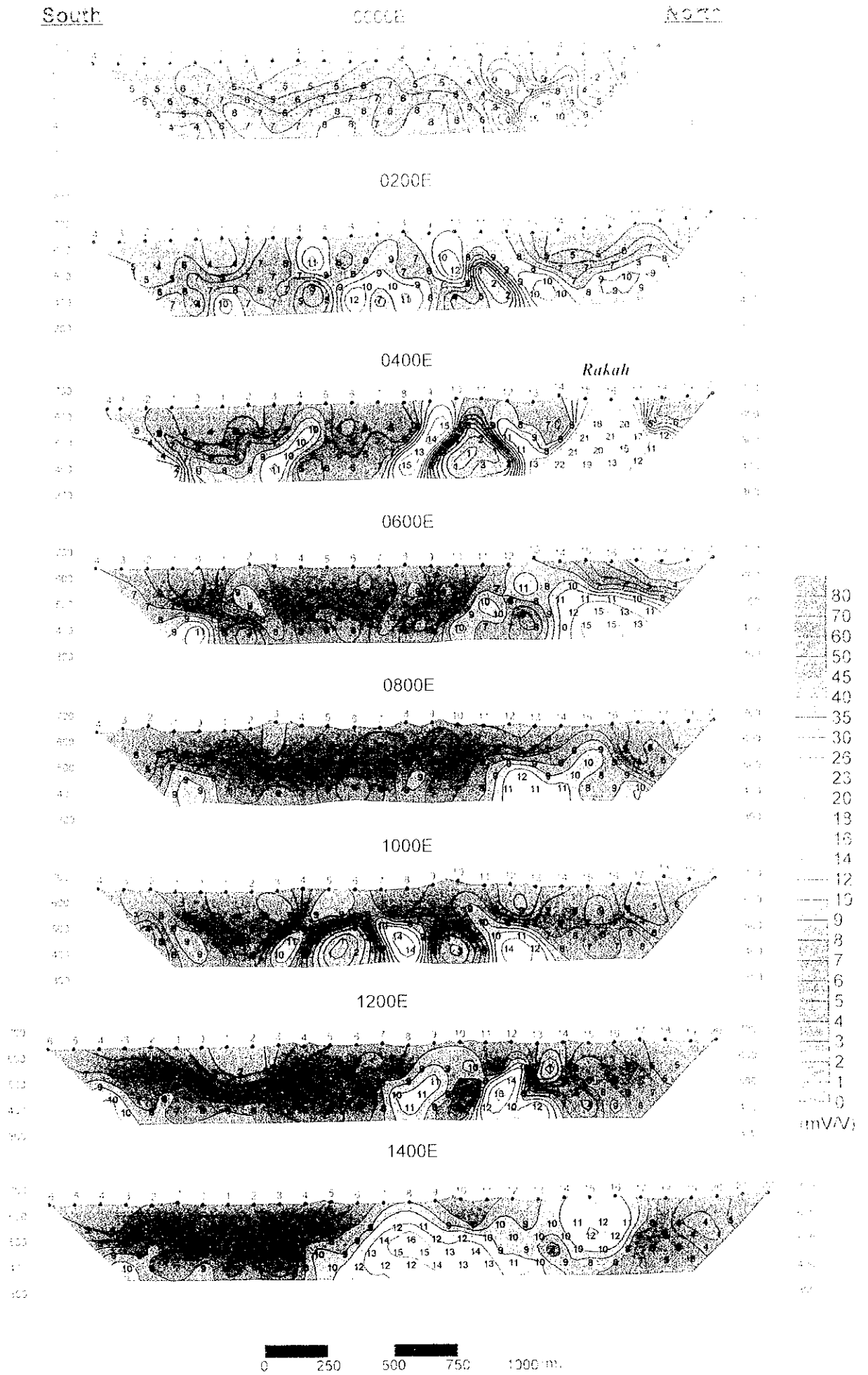
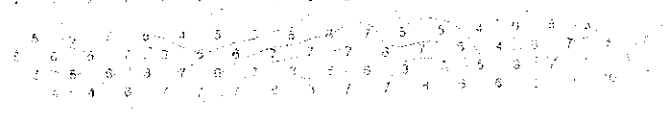
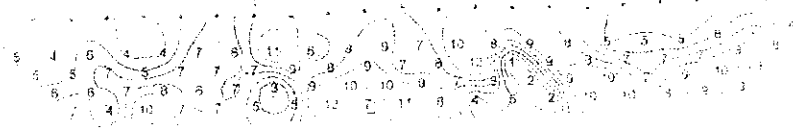


Fig. II-5-9(2) Chargeability pseudo-sections(0000E-1400E)



1000

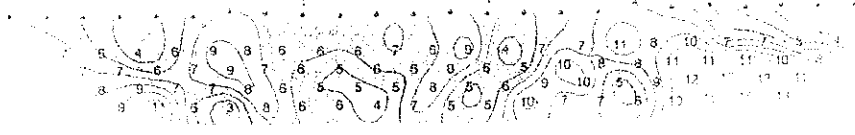


1200

Rukoh



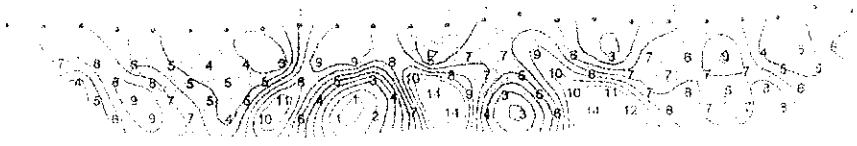
1400



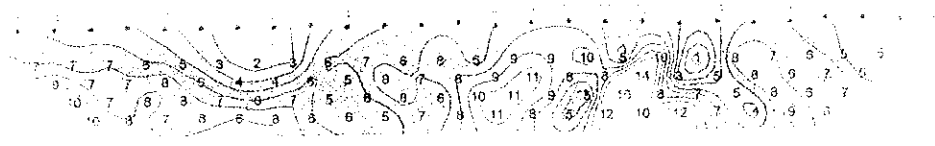
1600



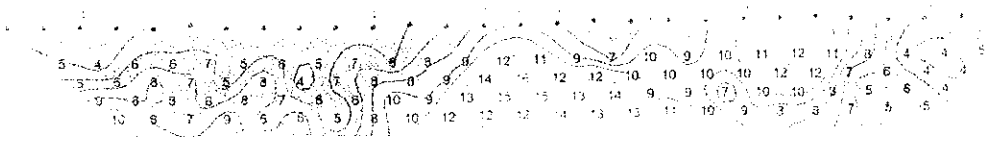
1800



2000



2200







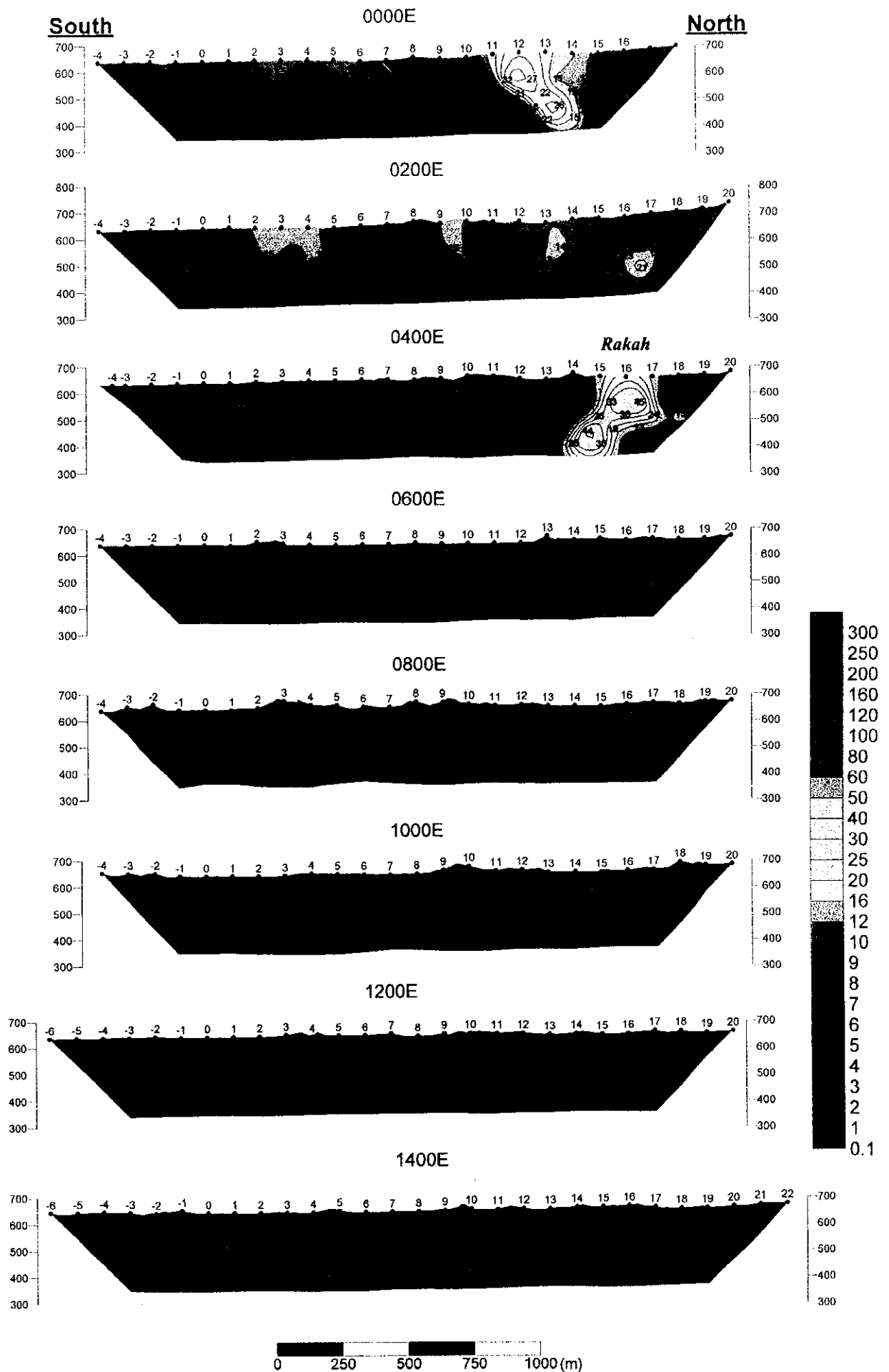


Fig. II -5-9(3) Metal factor pseudo-sections(0000E-1400E)

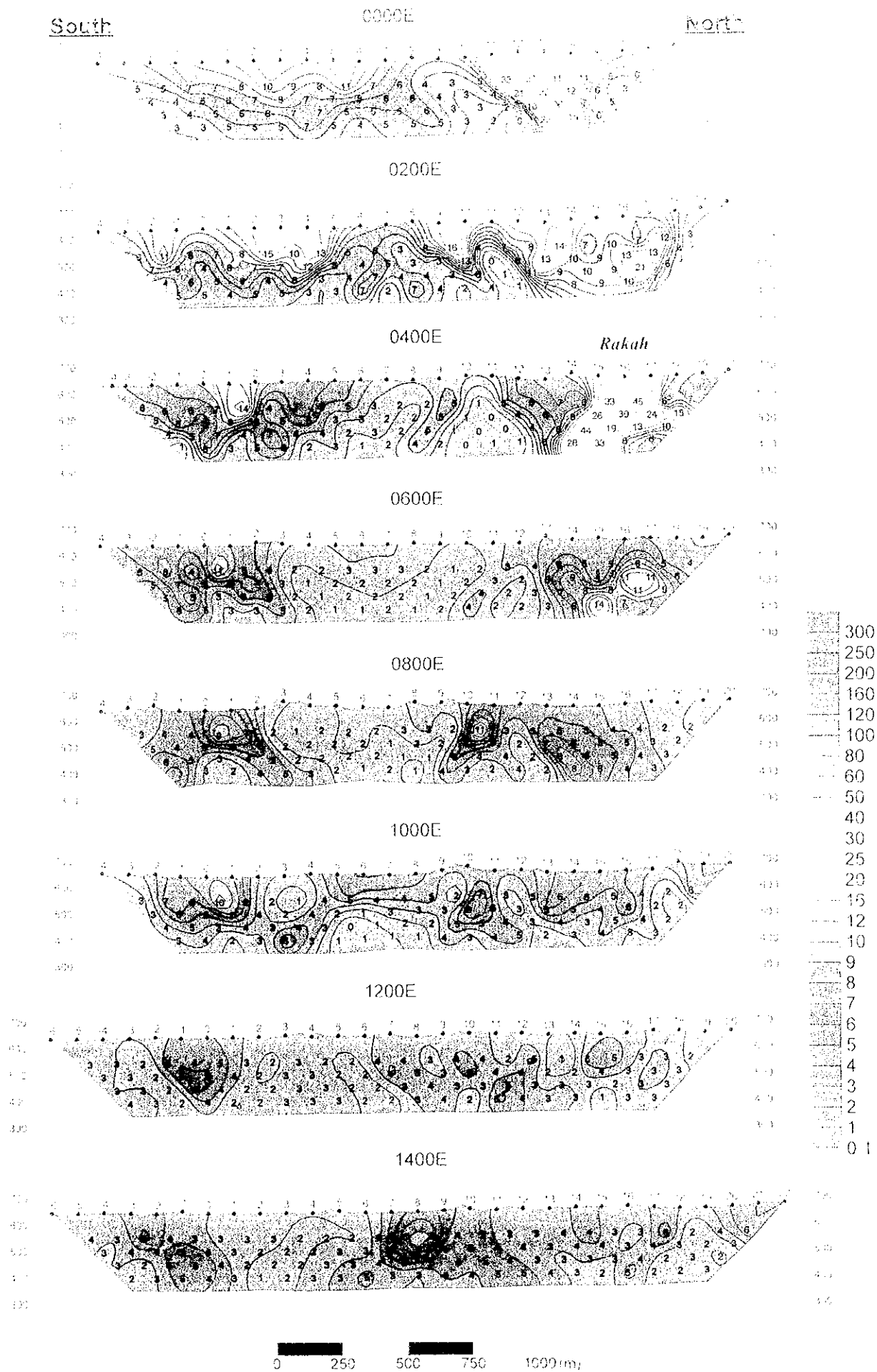
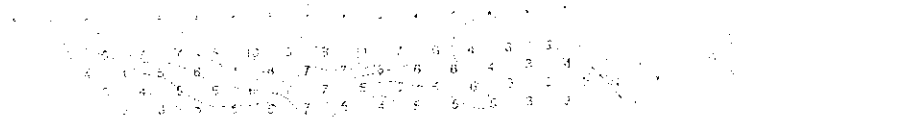
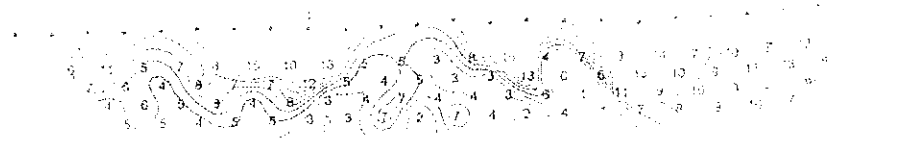


Fig. II-5-9(3) Metal factor pseudo-sections(0000E)-[1400E]

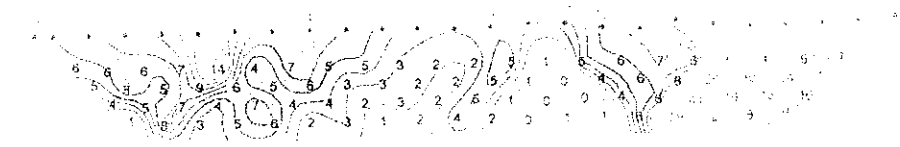


4000

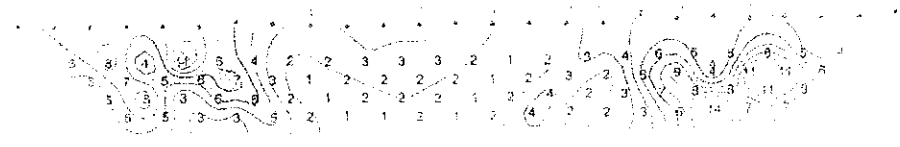


6000

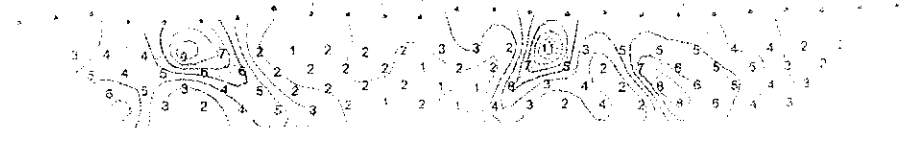
Rakah



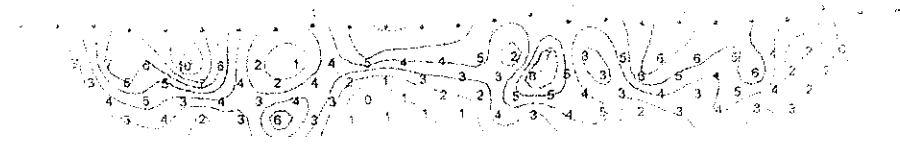
8000



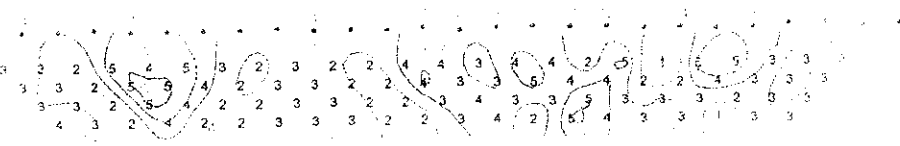
10000



12000



14000



16000





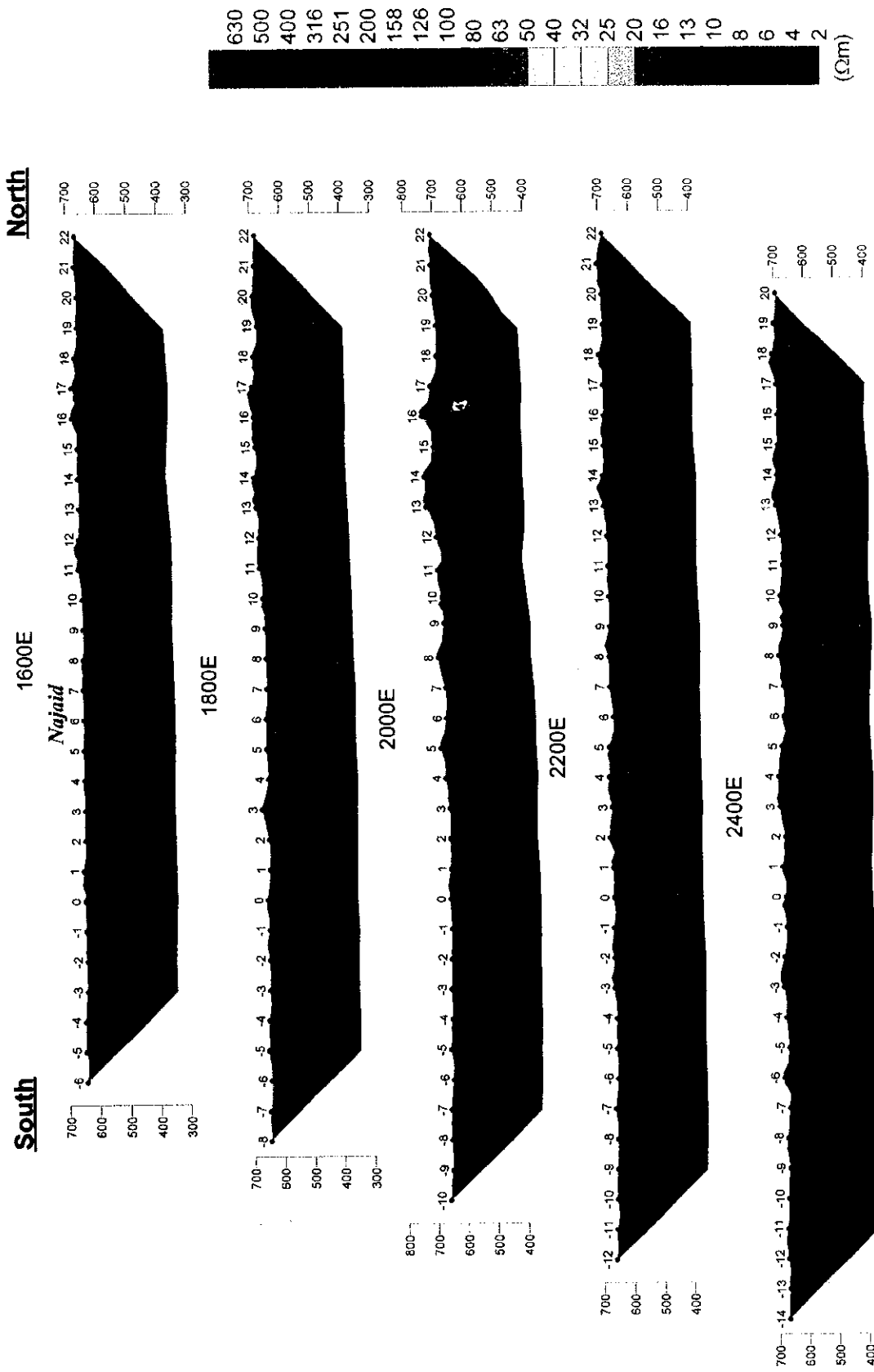


Fig. II -5-10(1) Apparent resistivity pseudo-sections(1600E-2400E)

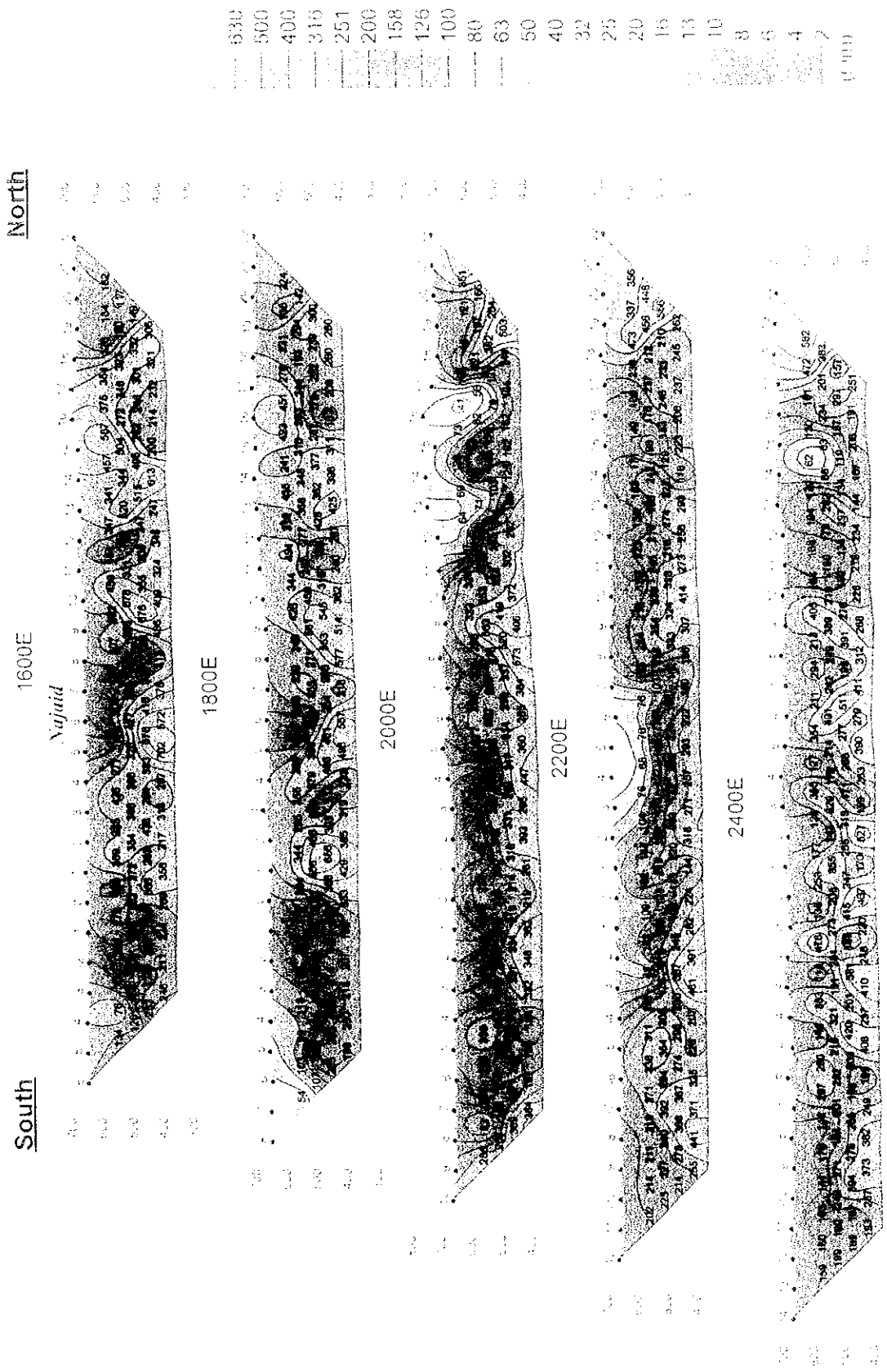


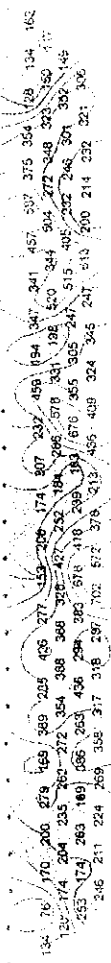
Fig. II-8-10(b) - Apparent resistivity pseudo-sections (1600E-2400E)

South

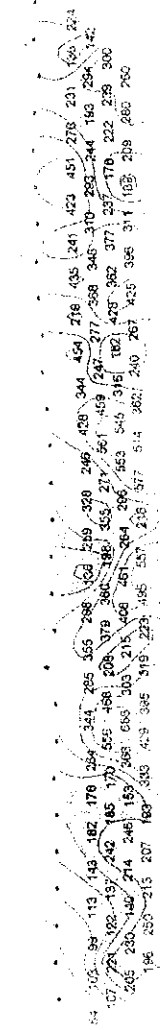
1000

North

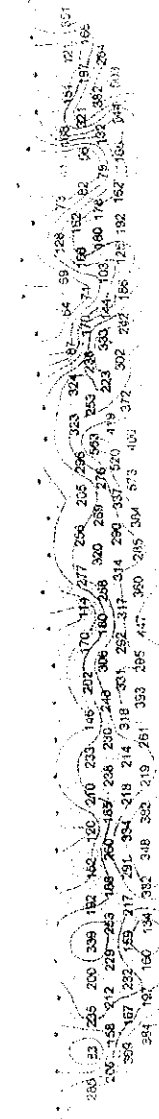
1000



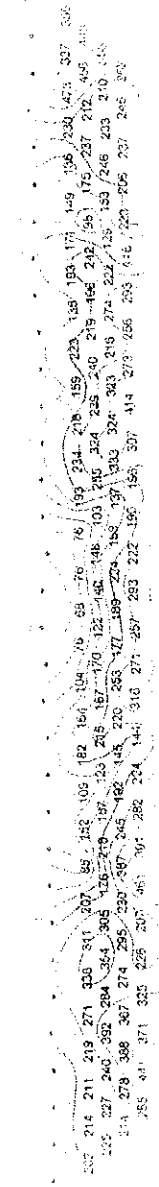
1000



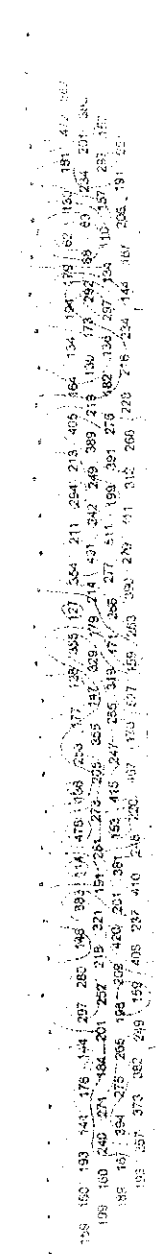
1000



1000



1000







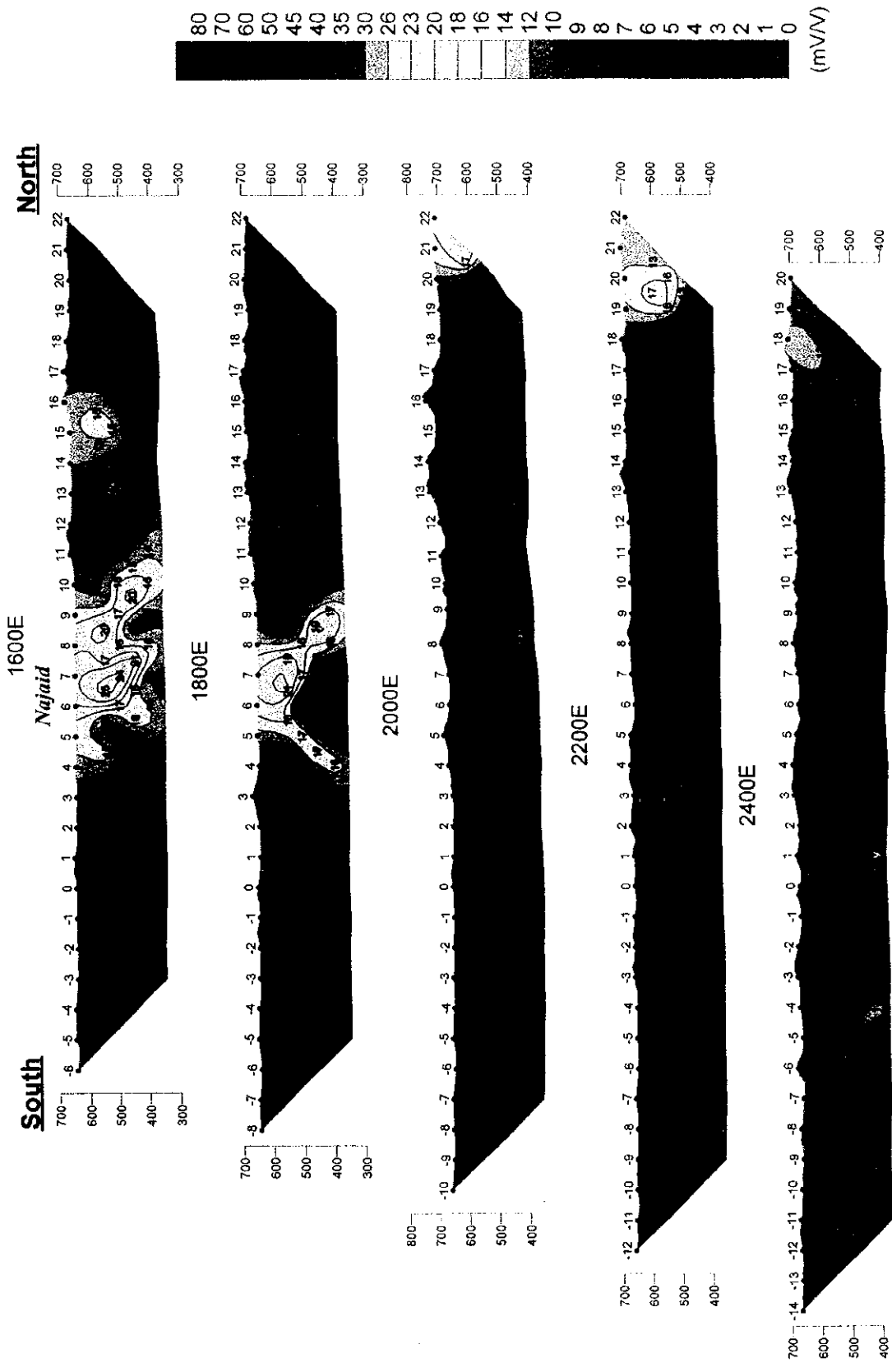


Fig. II-5-10(2) Chargeability pseudo-sections(1600E-2400E)

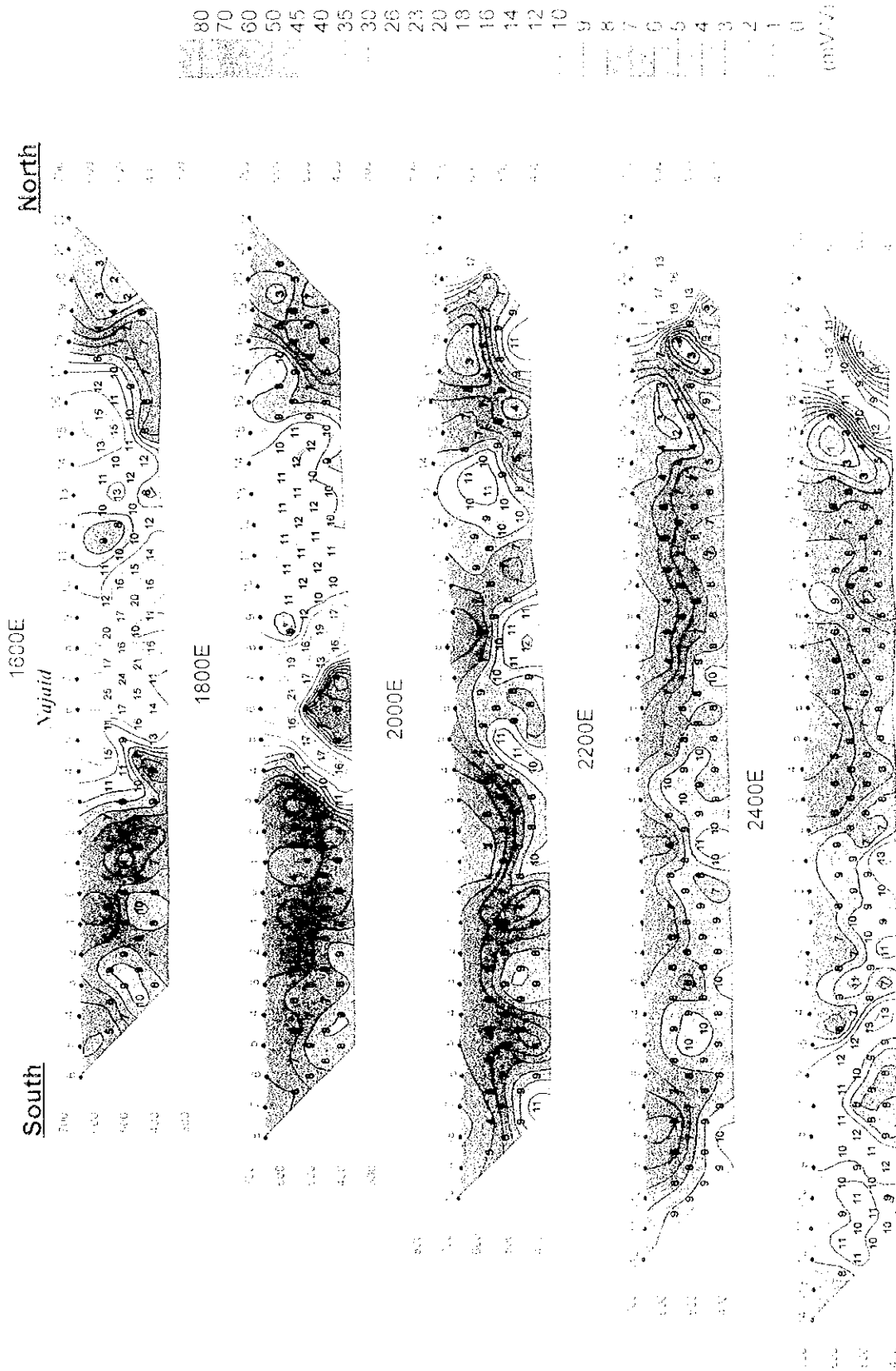


Fig. II-5-10(2) Chargeability pseudosection (1600E-2400E)

SOUTH

head  
Normal

NORTH



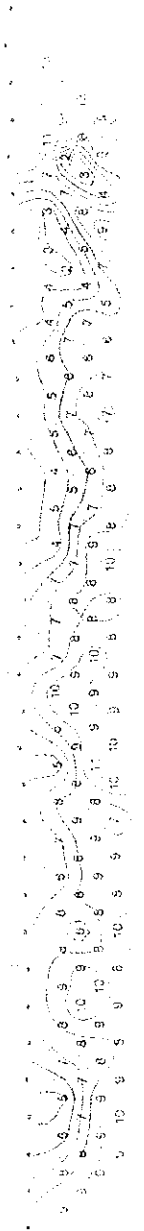
1600'



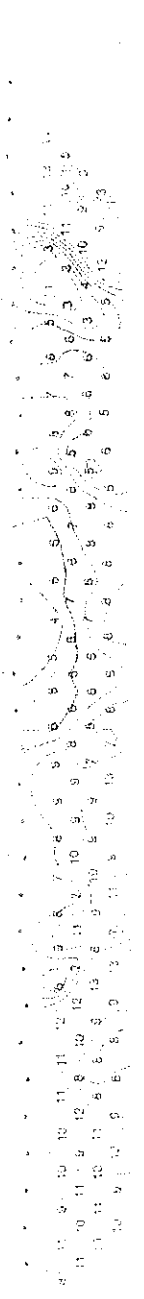
2000'



3000'



4000'



5000'

6000'



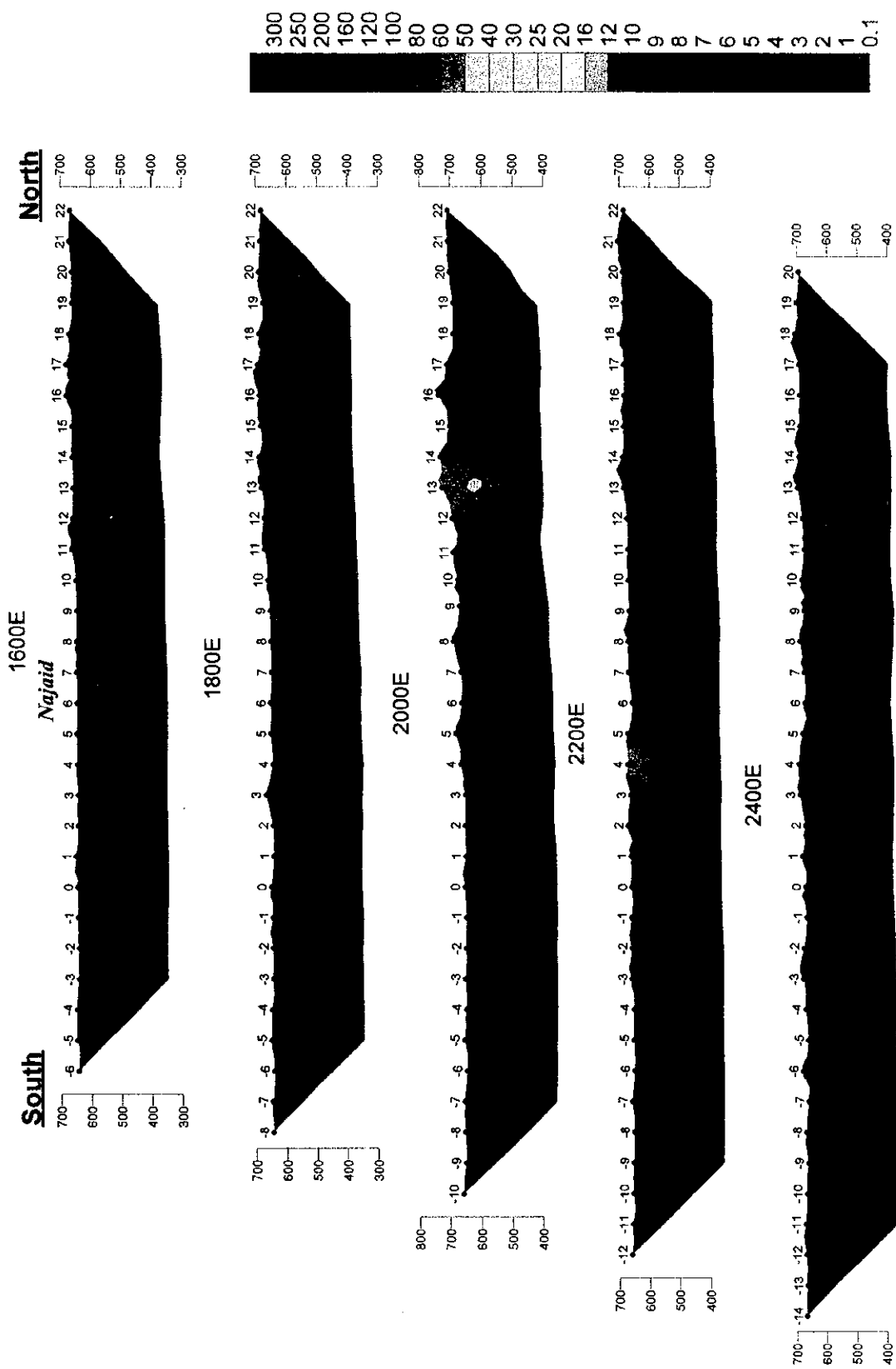


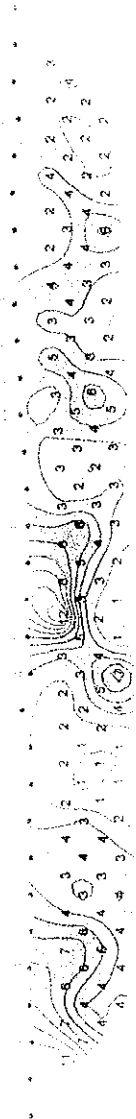
Fig. II-5-10(3) Metal factor pseudo-sections(1600E-2400E)

South

North



1300ft



2000ft



2200ft



2400ft



1300ft

2000ft

2200ft

2400ft



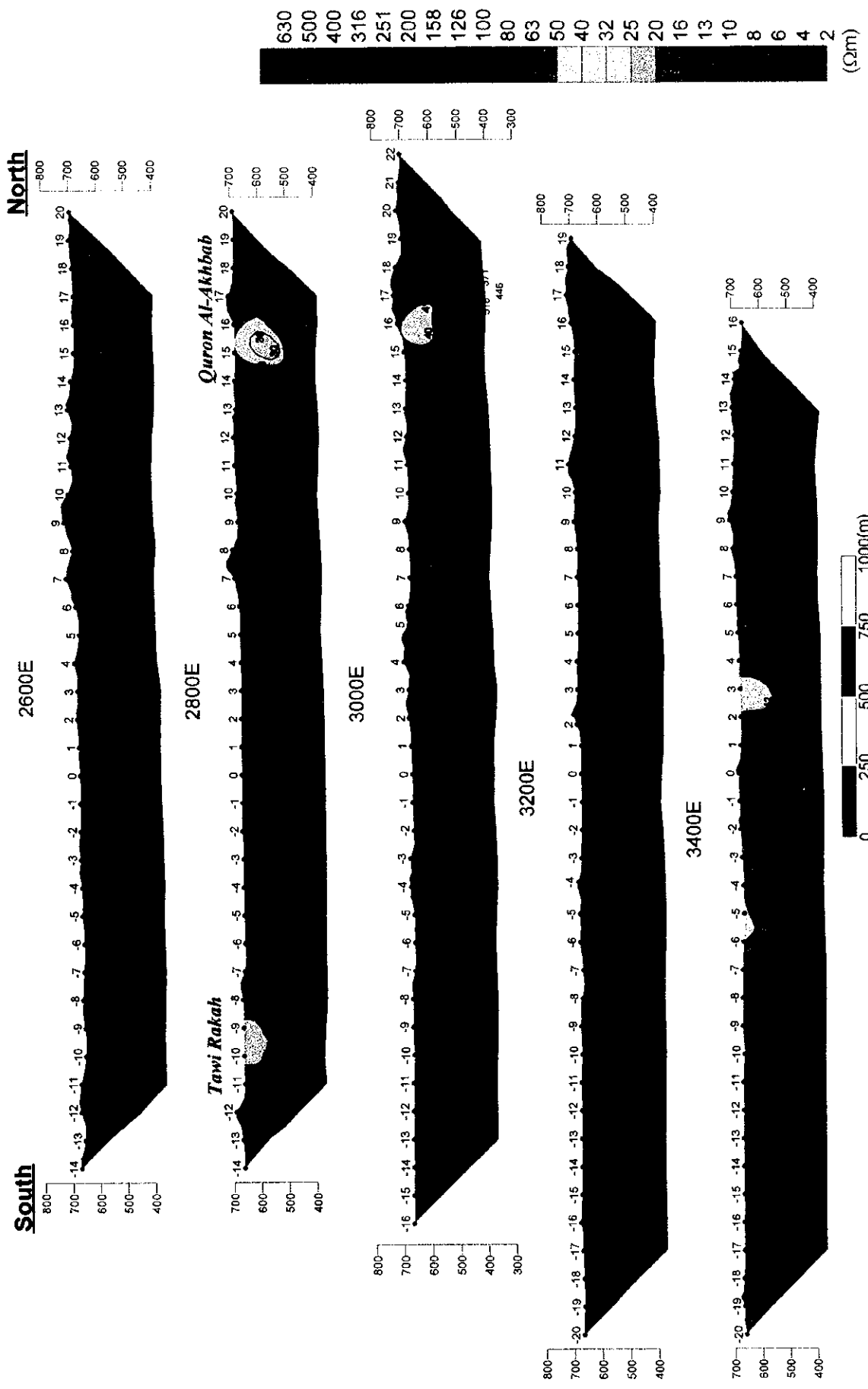


Fig. II -5-11(1) Apparent resistivity pseudo-sections(2600E-3400E)



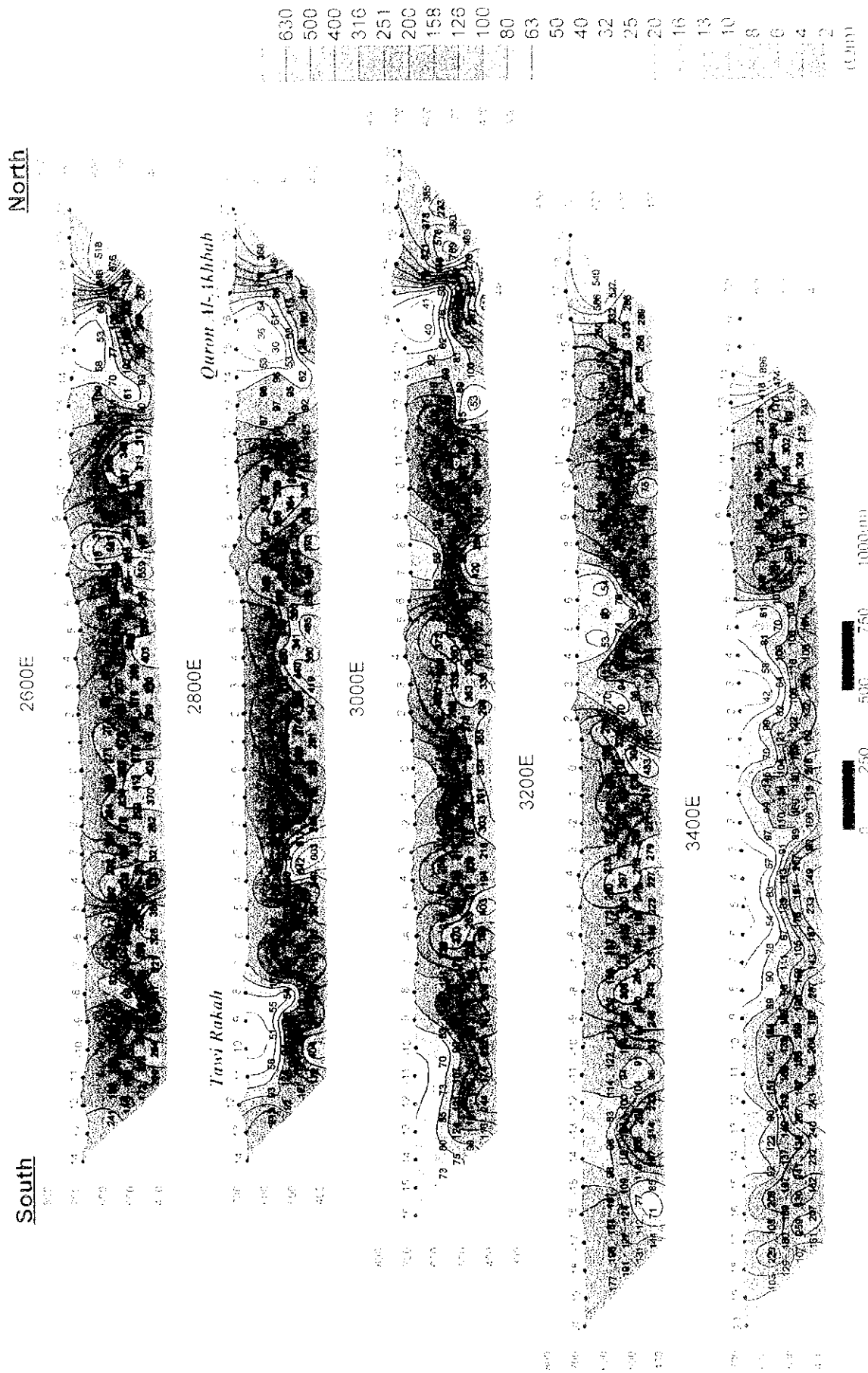


Fig. II-5-11(1) Apparent resistivity pseudo-sections(2600E-3400E)

North

South

3000

3000

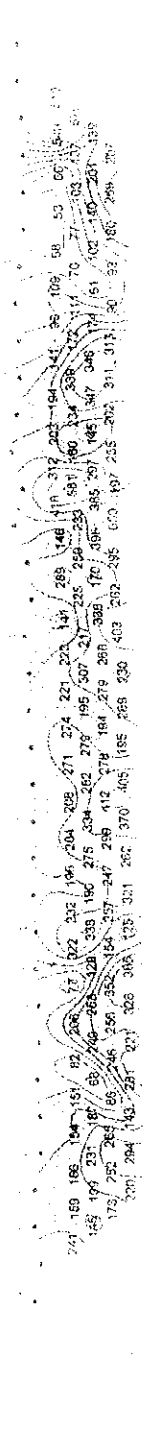
3000

3000

3000

3000

3000



Qurun Al-Khubb

3000

3000

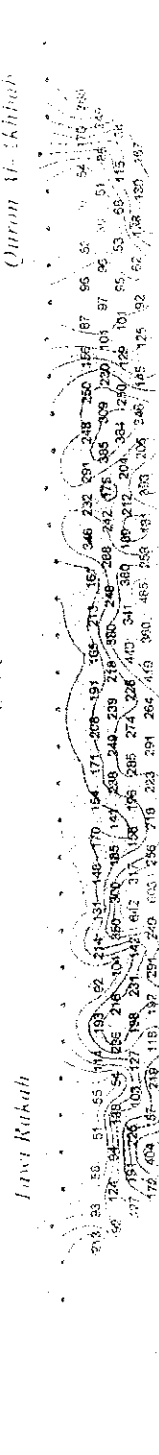
3000

3000

3000

3000

3000



Lawi Kikab

3000

3000

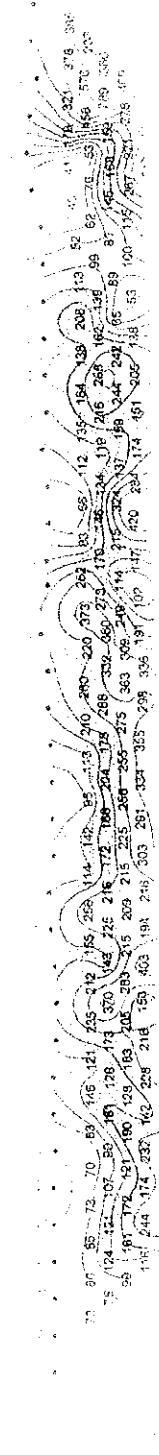
3000

3000

3000

3000

3000



3200

3200

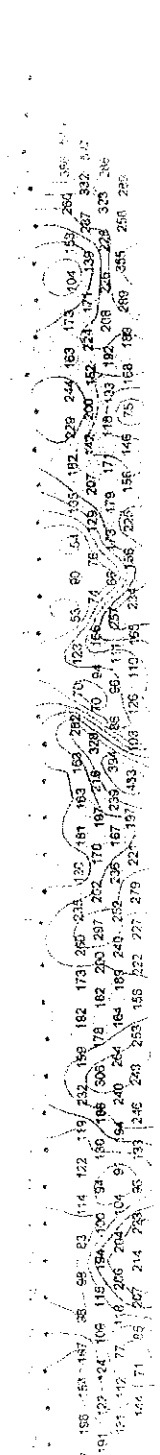
3200

3200

3200

3200

3200



3000

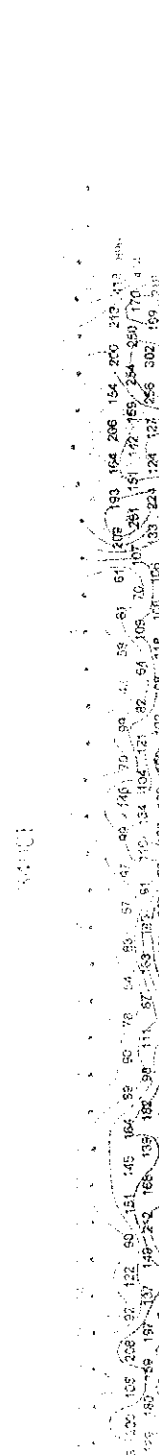
3000

3000

3000

3000

3000



3000

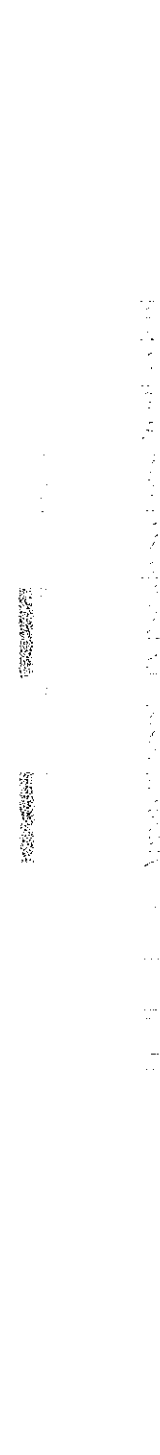
3000

3000

3000

3000

3000





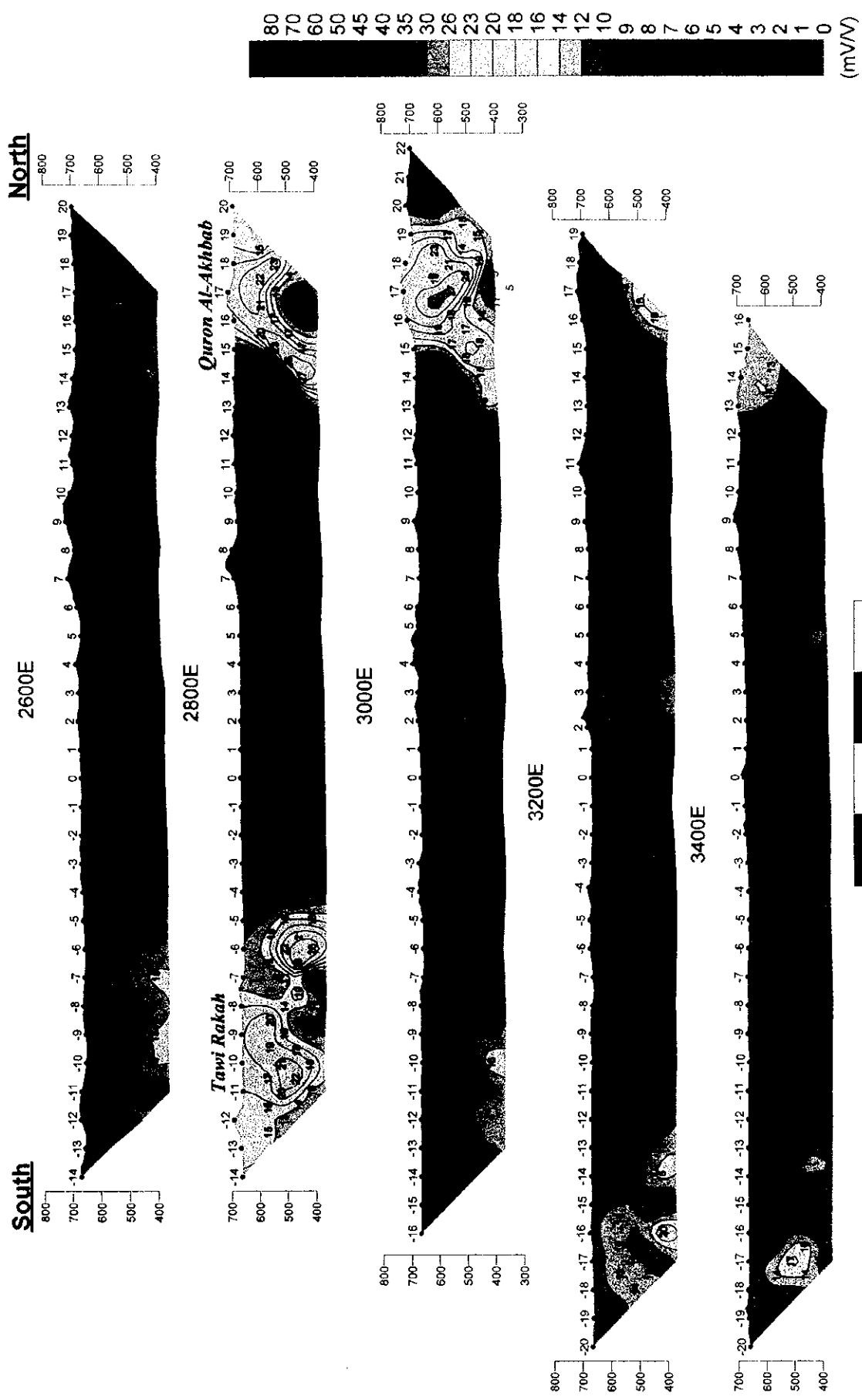


Fig. II -5-11(2) Chargeability pseudo-sections(2600E-3400E)

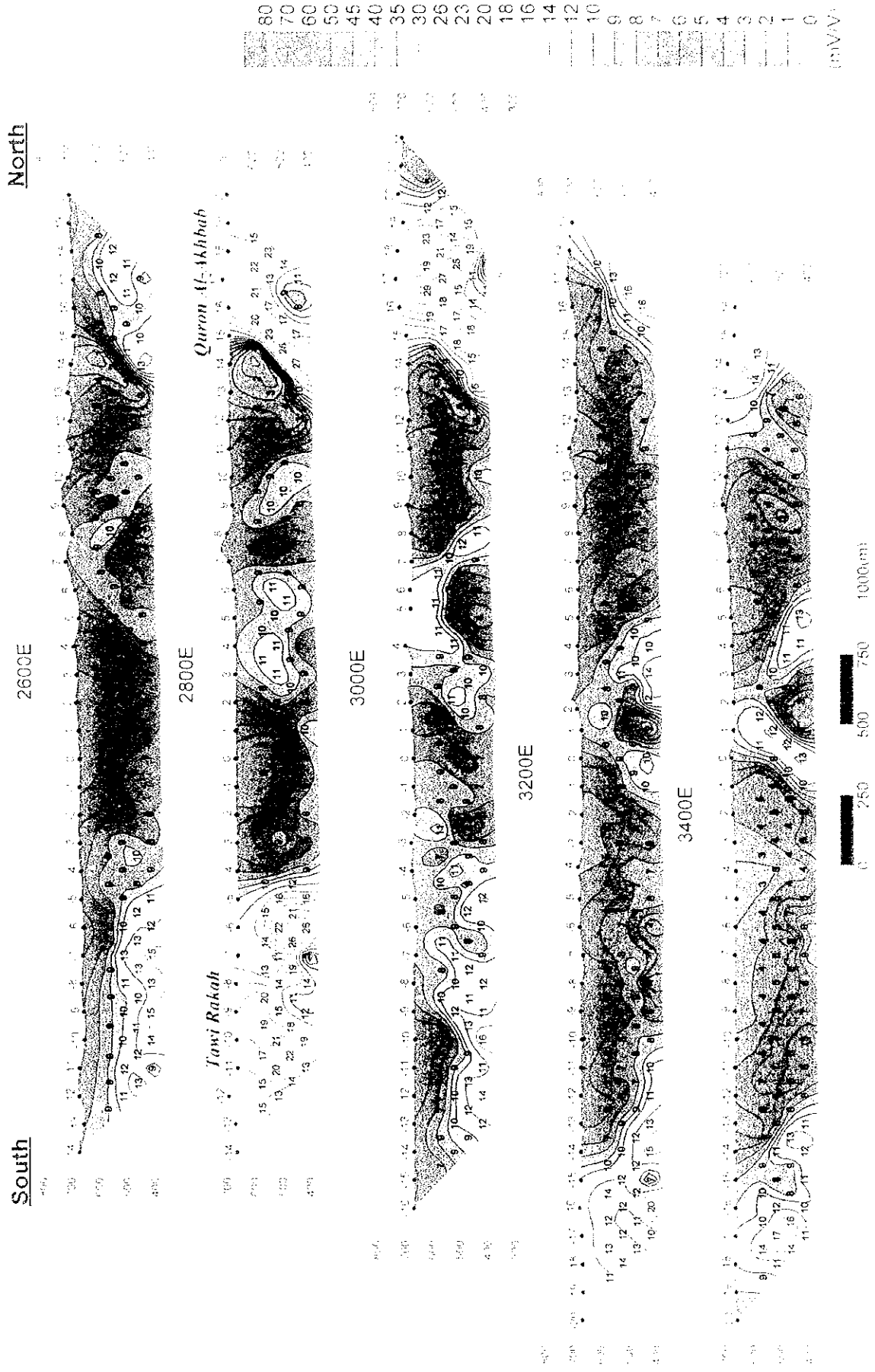


Fig. II-5-11(C) - Chargeability pseudo-sections(2600E - 3400E)

South

2800E



North

2800E

Queen U Khbab

Jawi Rakah



3000E



3200E



3400E



3600E



Figure 1. Topographic maps showing elevation contours and spot heights.



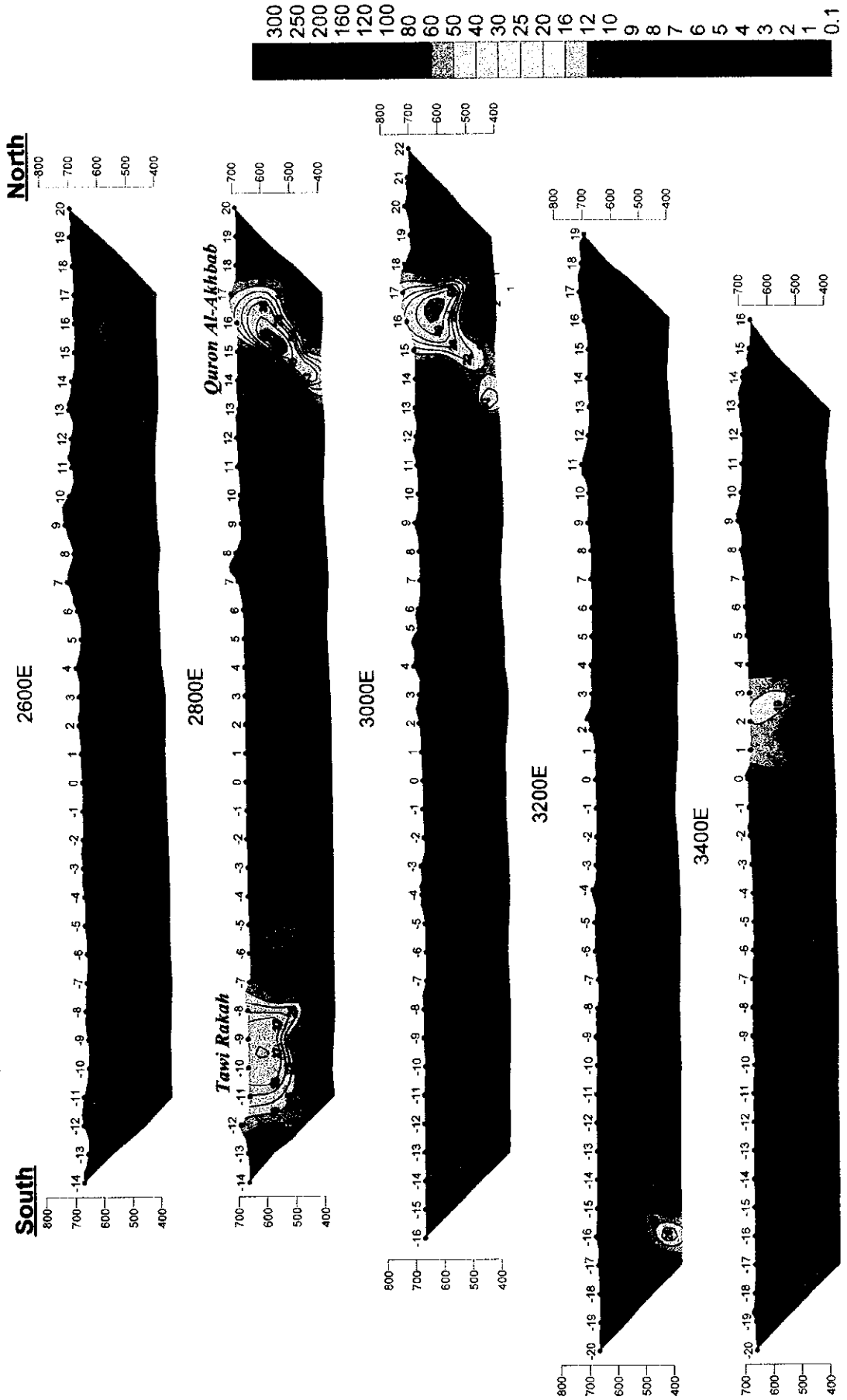


Fig. II -5-11(3) Metal factor pseudo-sections(2600E-3400E)



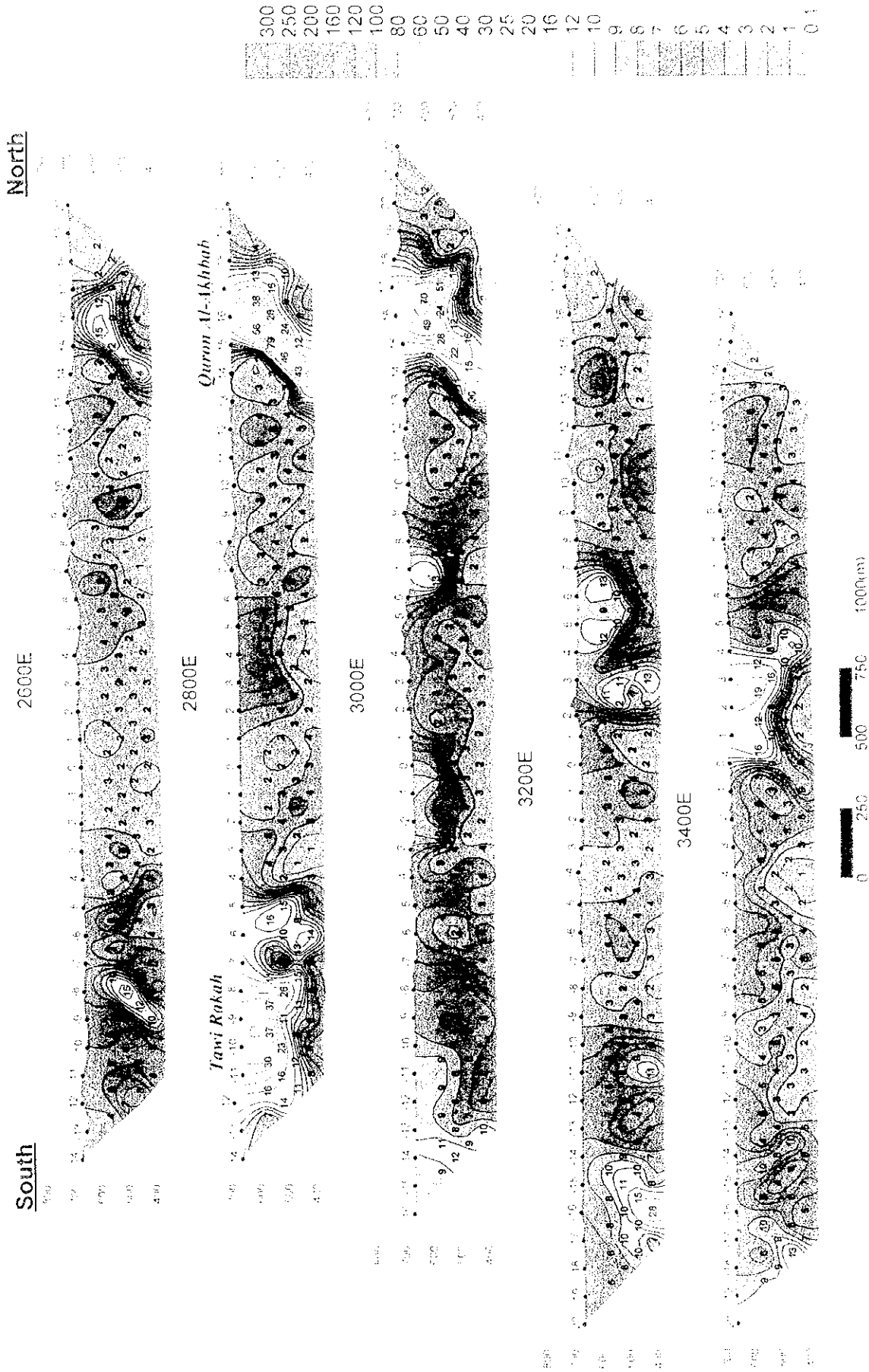


Fig. II-5-11(3) Metal factor pseudo-sections(2600E-3400E)

South

North



2000ft

Quom Al Akhshab

Lawi Rakah



2000ft



1200ft



1000ft



2000ft



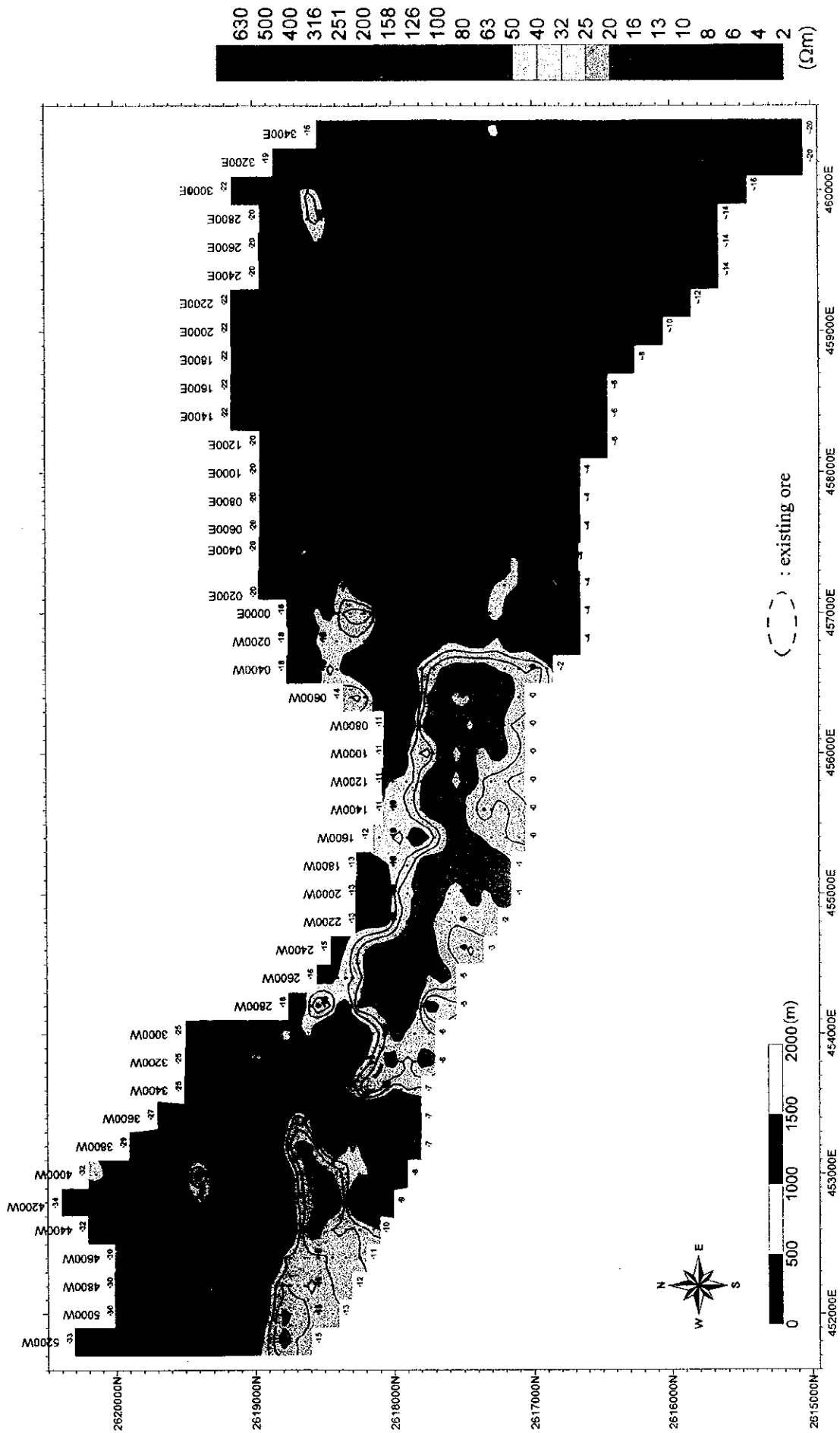


Fig. II -5-12(1) Apparent resistivity plane map for N=1



Fig. II-5 (2A) Apparent resistivity plane map for N-1

Figure 1. Topographic map of the study area showing the location of the study sites (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and the distribution of the study sites.





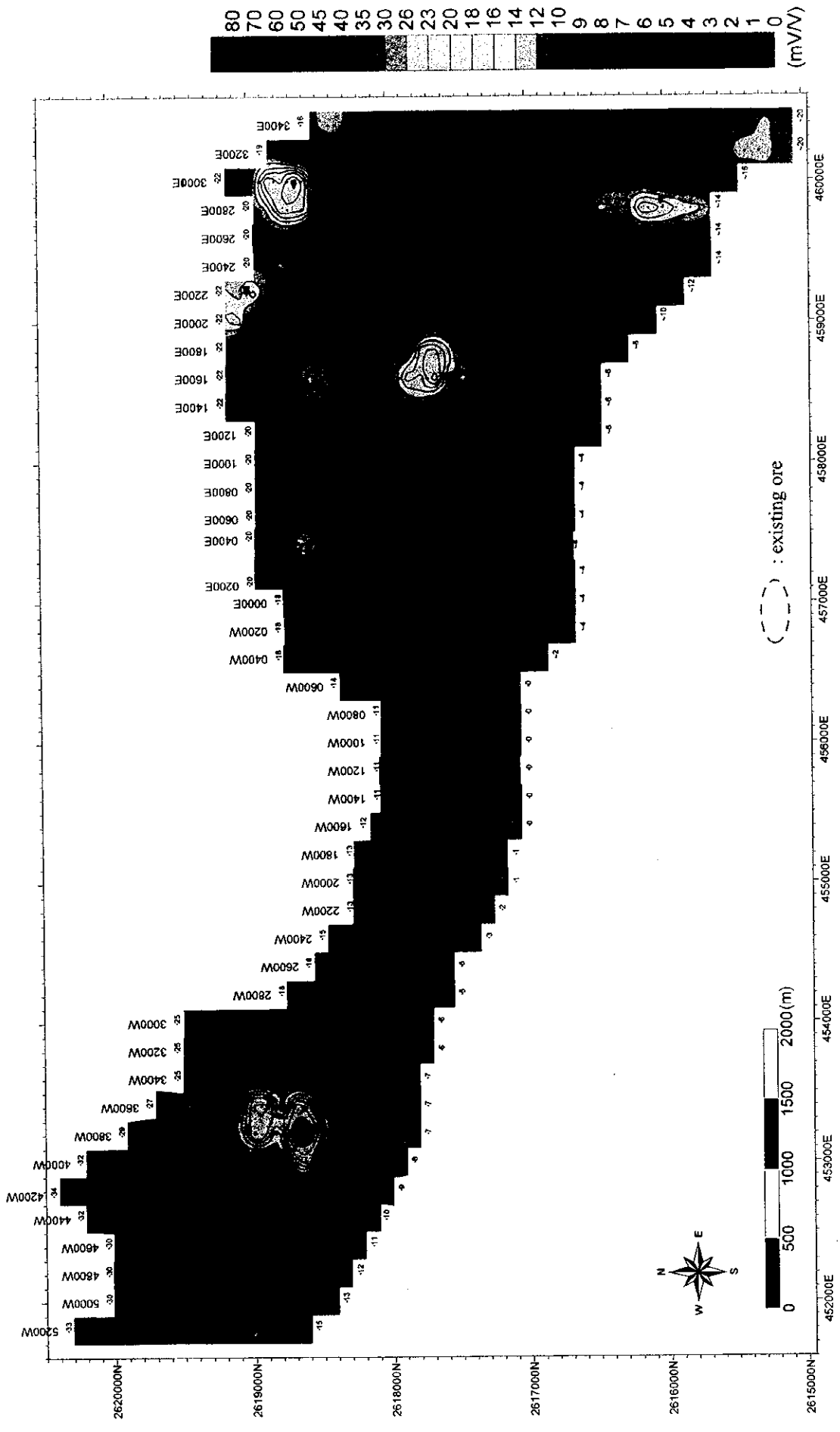


Fig. II-5-12(2) Chargeability plane map for N=1





Fig. II-5-12(2) Chargeability plane map for N-1

Figure 10.10: Contour plot of the probability distribution  $N(\mu, \Sigma)$  for  $\mu = (0, 0)^T$  and  $\Sigma = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ . The plot shows a circular contour structure centered at the origin, indicating a bivariate normal distribution with independent components.

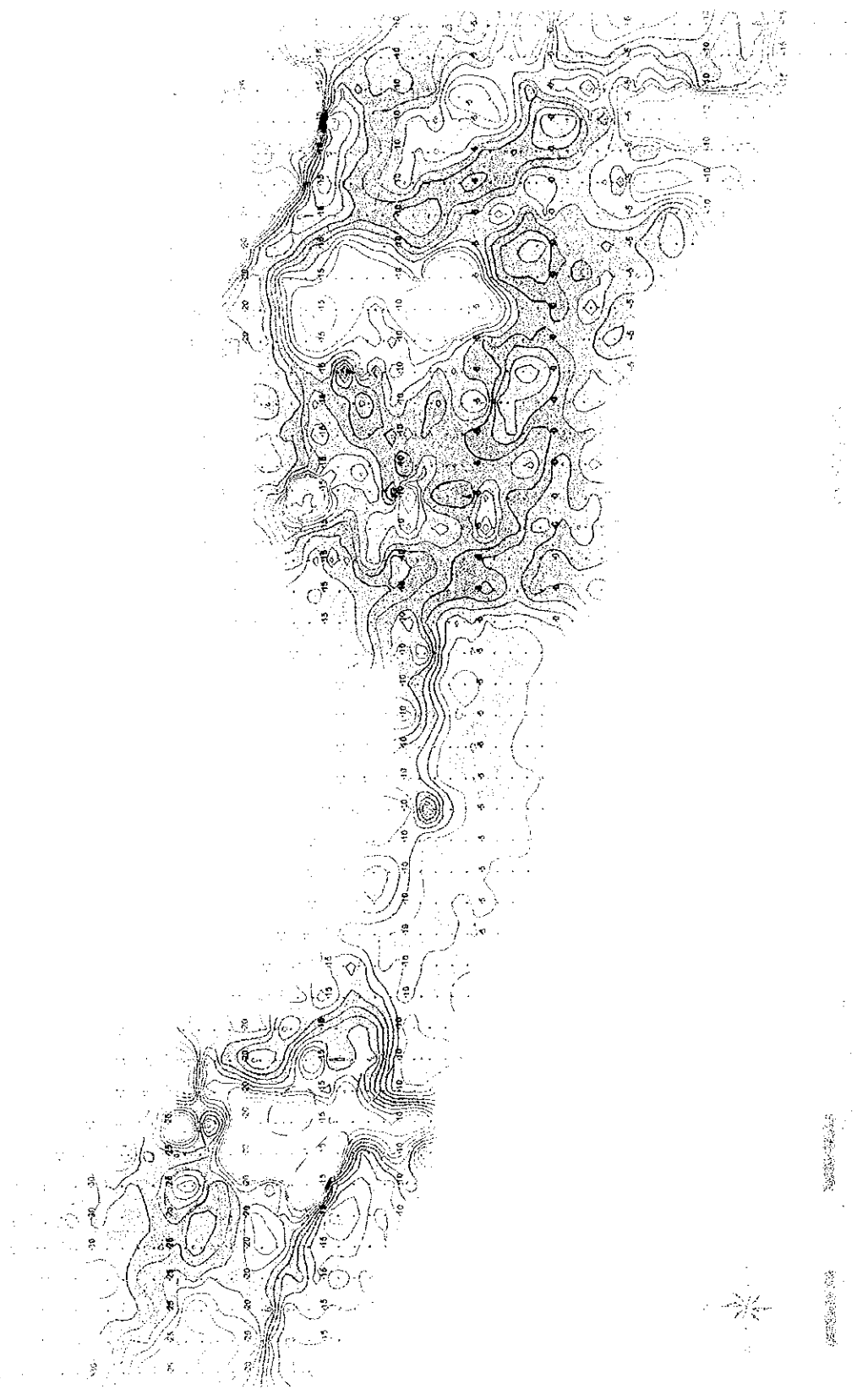


Figure 10.10: Contour plot of the probability distribution  $N(\mu, \Sigma)$  for  $\mu = (0, 0)^T$  and  $\Sigma = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$ .



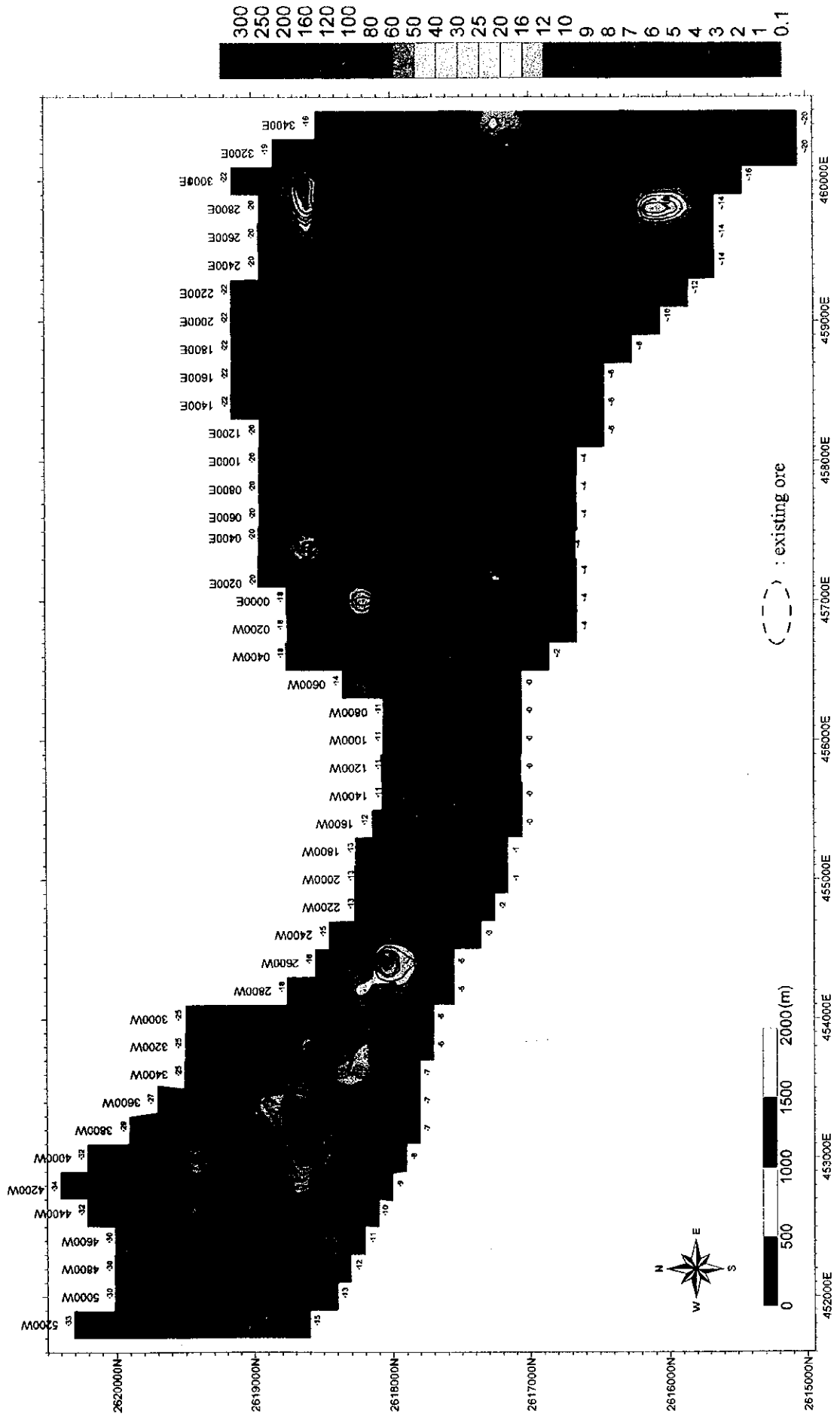


Fig. II-5-12(3) Metal factor plane map for N=1



Fig. H-5-12(3) Metal factor plane map for N-1

1950年10月1日





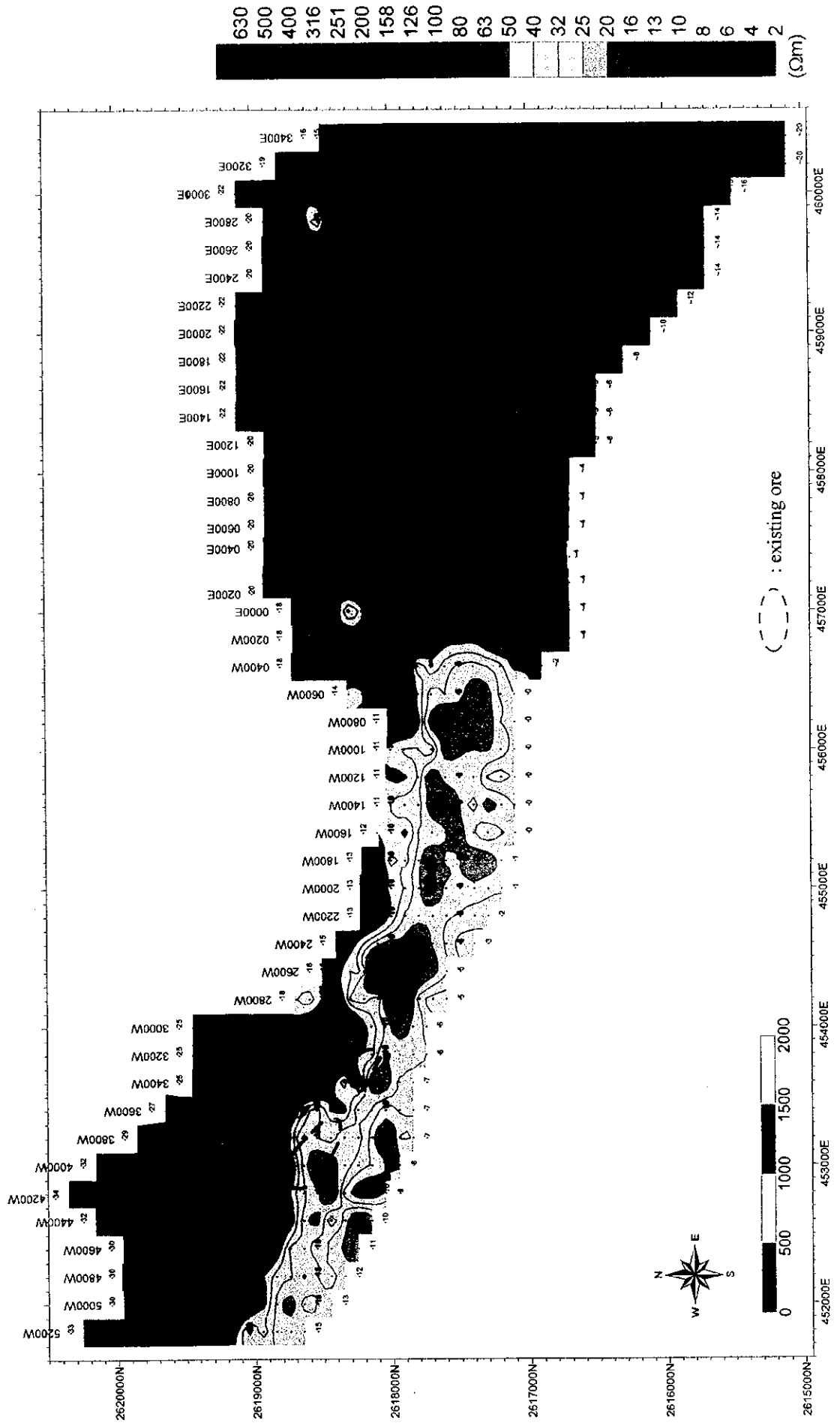


Fig. II -5-13(1) Apparent resistivity plane map for N=2



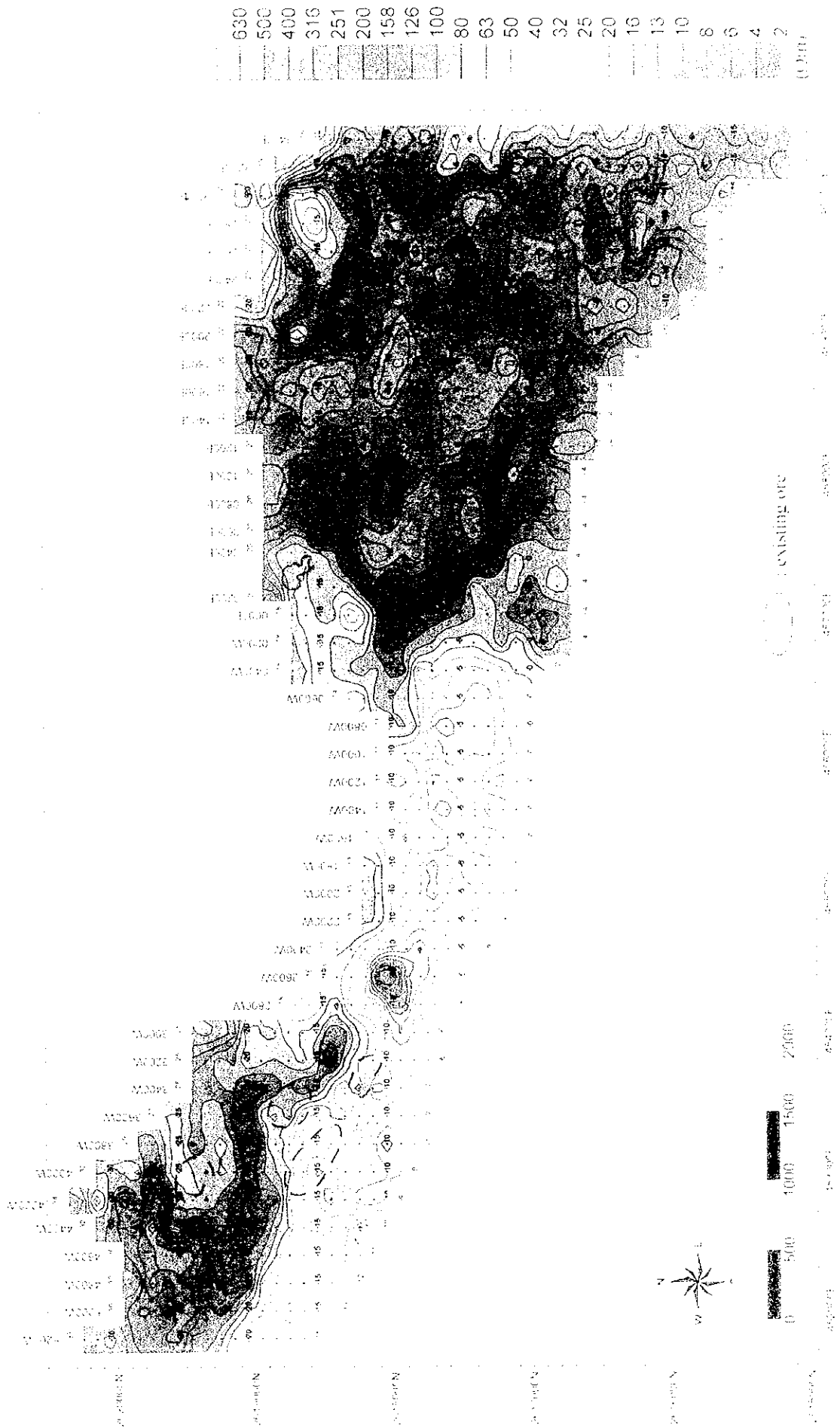
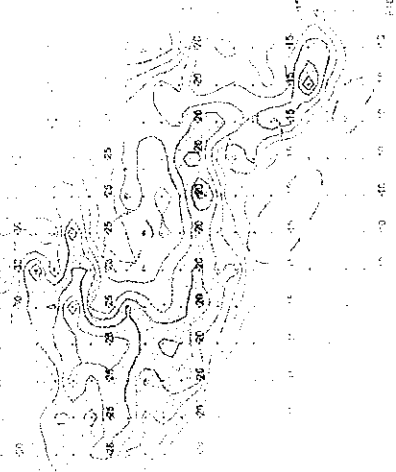
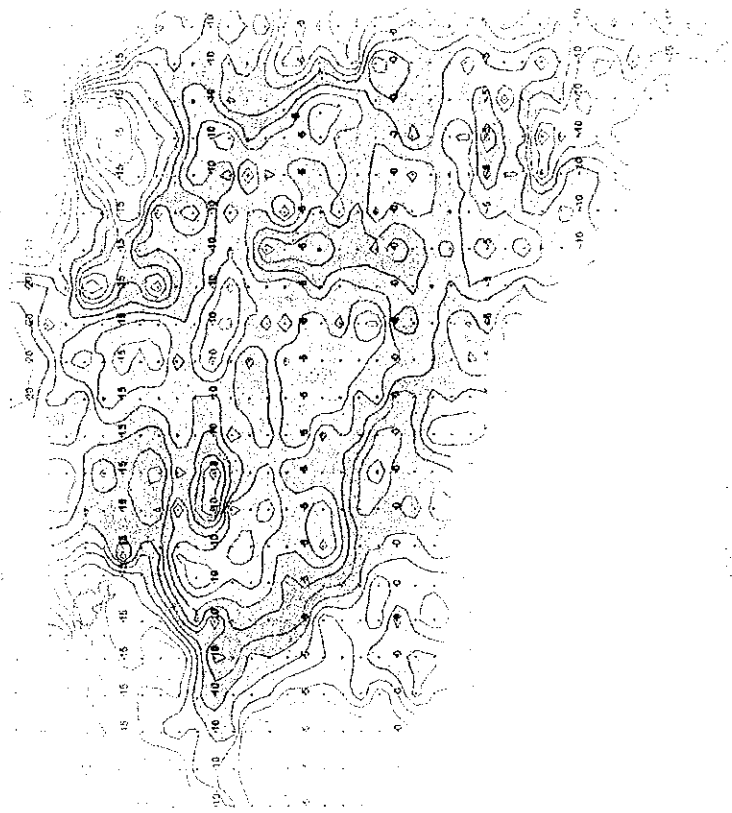


Fig. II-S-1-5(1) Apparent resistivity plane map for N-2

地形图





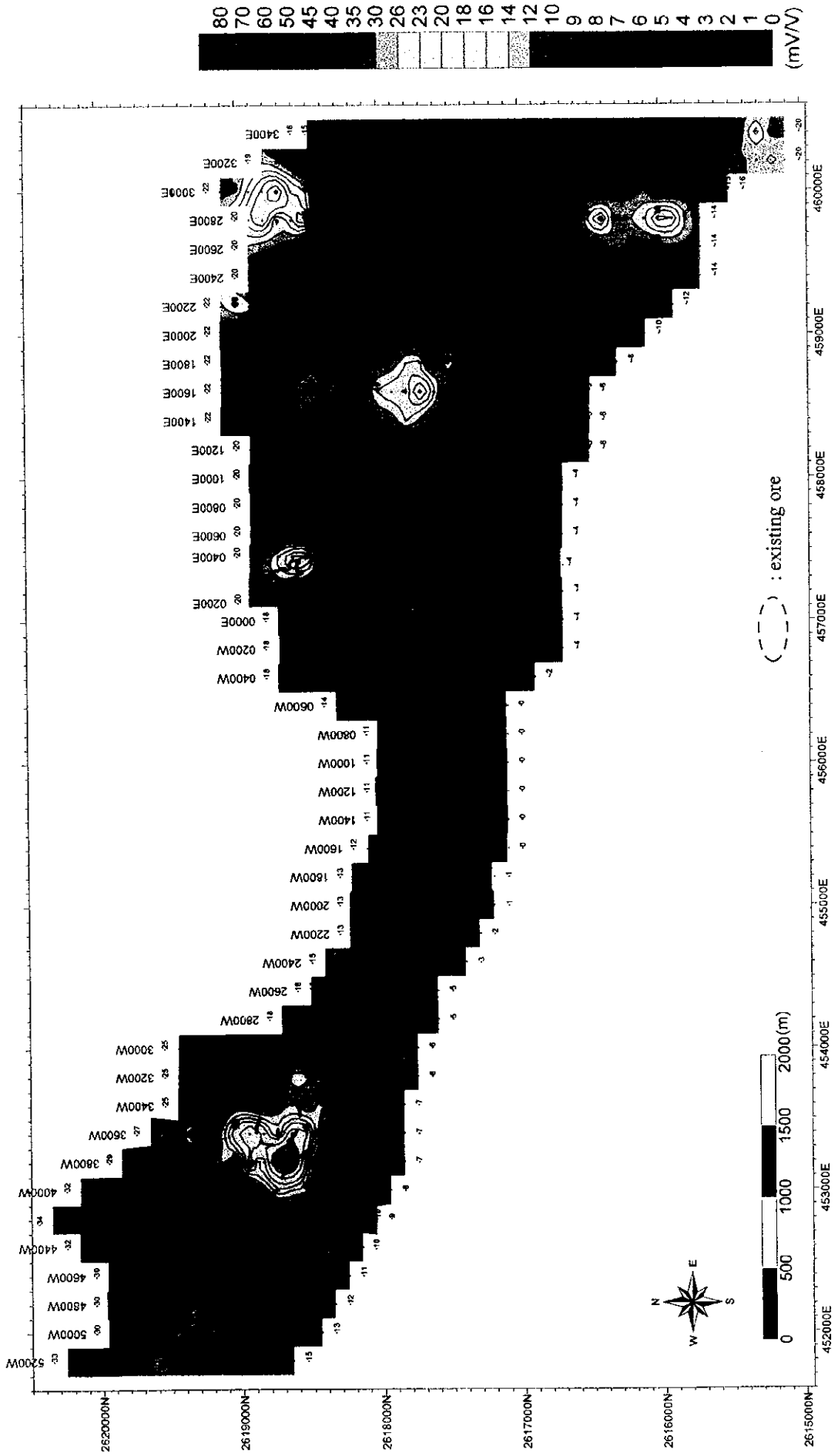


Fig. II-5-13(2) Chargeability plane map for N=2

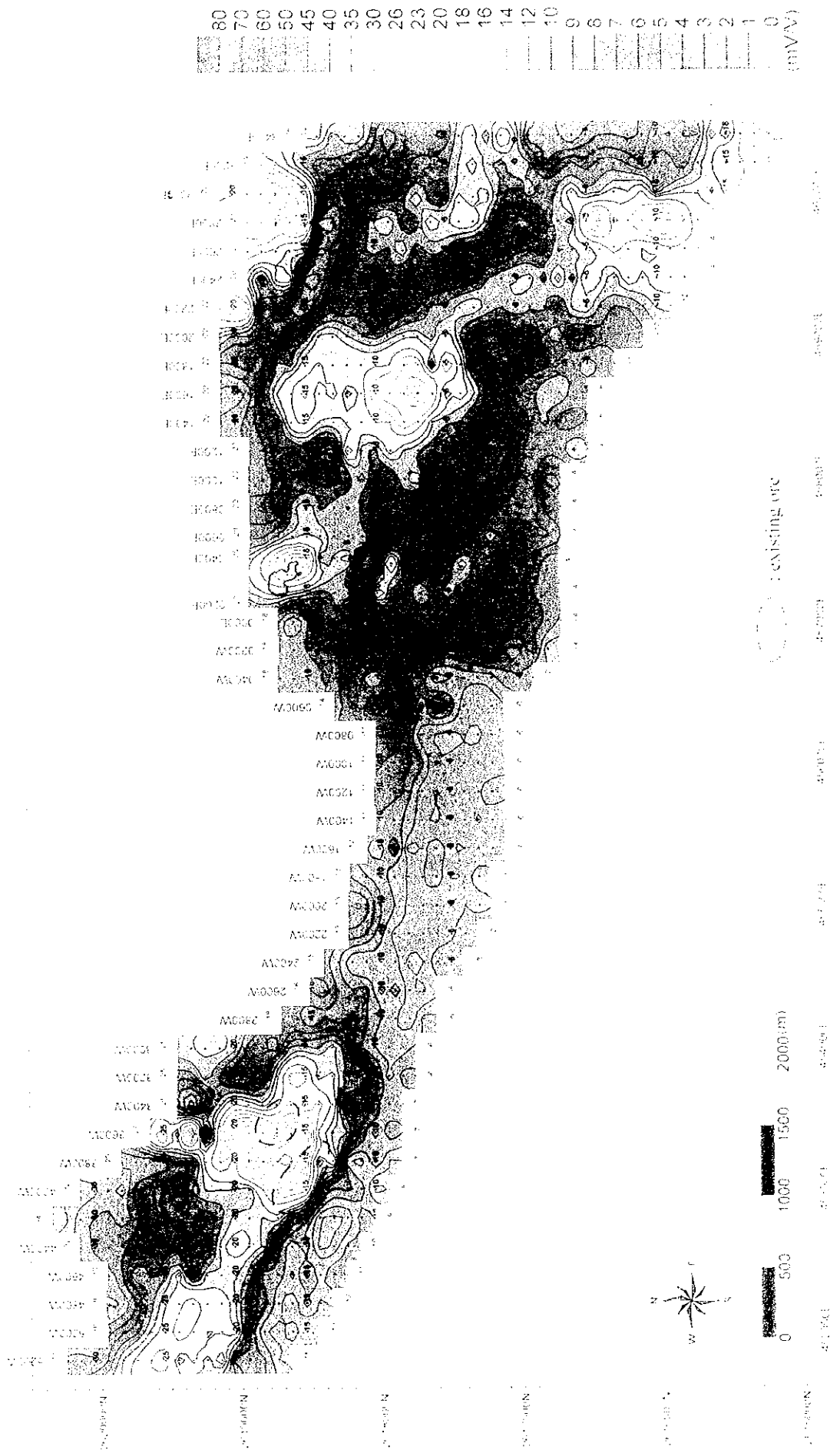


Fig. II-5-130) Chargeability plane map for N-2

1:50,000

